INDEX *of* PATENTS

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LIST OF PLANT PATENTEES FOR THE YEAR 1939

NOTE.—Arranged in accordance with the first significant character or word of the name (in accordance with city and telephone directory practice).

Disclaimers follow in separate indexes, but precede the List of Plant Inventions

Aicardi, Domenico, San Remo, Italy, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 332; June 20.

Aicardi, Domenico, San Remo, Italy, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 349; Dec. 12.

Alexander, George E., Venice, assignor to K. K. Snyder, Hughson, and A. D. Di Grazia, San Francisco, Calif. Nectarine. 328; Apr. 25.

Armstrong Nurseries. (See Workman, John A., assignor.)

Asmus, Edward R., Sr., Closter, N. J. Rose. 323; Apr. 4.

Baur, Adolphe F. J., assignor to Baur-Steinkamp and Company, Incorporated, Indianapolis, Ind. Carnation. 319; Mar. 21.

Baur-Steinkamp and Company. (See Baur, Adolphe F. J., assignor.)

Bountiful Ridge Nurseries. (See Perry, Willie M.)

Bourdieu, Edmy, Ventura, Calif. Pyracantha koidzumii. 346; Nov. 14.

Burkwood, Arthur, Farnham, England, assignor, by mesne assignments, to The Wayside Gardens Company, Mentor, Ohio. Daphne. 315; Feb. 28.

Byrum, Roy L., assignor to Jos. H. Hill Company, Richmond, Ind. Rose. 312; Jan. 24.

Byrum, Roy L., assignor to Joseph H. Hill Company, Richmond, Ind. Rose. 348; Nov. 28.

Campbell, Vine C., Yakima County, assignor to W. D. Plough, Wenatchee, Wash. Peach tree. 351; Dec. 26.

Christensen, Knud, assignor to Madsen and Christensen, Inc., Wood-Ridge, N. J. Poinsettia. 307; Jan. 10.

Conard-Pyle Company, The. (See Mallerin, Charles, assignor.)

Denver Wholesale Florists Company, The. (See Oder, John, assignor.)

Di Grazia, A. D., et al. (See Alexander, George E., assignor.)

Dreer, Henry A., Incorporated. (See Verschuren, Hendrikus A., assignor.)

Ecke, Paul, Encinitas, Calif. Poinsettia. 336; Aug. 8.

Ecke, Paul, Encinitas, Calif. Poinsettia. 343; Oct. 10.

Florex Gardens, The. (See Riesselmann, Karel, assignor.)

Gaujard, Jean, Feyzin, France, assignor to Jackson & Perkins Company, Newark, N. Y. Rose. 321; Mar. 28.

Gaujard, Jean, Feyzin, France, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 338; Sept. 19.

Geiger, Edward C., assignor to Wm. A. Geiger and Sons, Inc., North Wales, Pa. Chrysanthemum. 313; Feb. 14.

Geiger, Wm. A., and Sons, Inc. (See Geiger, Edward C., assignor.)

Greening Nursery Company. (See Nametz, John U., assignor.)

Greening Nursery Company, The. (See Reber, Lewis B., assignor.)

Grillo, Nicholas, Milldale, Conn. Hybrid tea rose. 334; July 4.

Grullemans, John J., assignor to Wayside Gardens Company, Mentor, Ohio. Kniphofia or tritoma. 318. Mar. 14.

Grullemans, John J., assignor to The Wayside Gardens Company, Mentor, Ohio. Phlox. 329; Apr. 25.

Hill, Joseph H., Company. (See Byrum, Roy L., assignor.)

Hillock, Verne S., Arlington, Tex. Rose. 326; Apr. 18.

Howard, Frederick H., Montebello, Calif. Rose. 314; Feb. 21.

Jackson & Perkins Company. (See Aicardi, Domenico, assignor.)

Jackson & Perkins Company. (See Gaujard, Jean, assignor.)

Jackson & Perkins Company. (See Johnston, Walter I., assignor.)

Jackson & Perkins Company. (See Nicolas, Jean H., assignor.)

Jackson & Perkins Company. (See Prior, Basil E., assignor.)

Jackson & Perkins Company. (See Ruys, Bonne, assignor.)

Johnson, Sanford, Riverside, Calif. Lemon tree. 342; Oct. 10.

Johnston, Walter I., Portadown, Ireland, assignor to Jackson & Perkins Company, Newark, N. Y. Rose. 317; Mar. 7.

Johnston, Walter I., Portadown, Ireland, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 335; July 18.

Johnston, Walter I., Portadown, Ireland, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 339; Sept. 19.

Johnston, Walter I., Portadown, Ireland, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 341; Sept. 26.

Kimura, Roy Y., Los Angeles, Calif. Dahlia. 322; Mar. 28.

Madsen and Christensen, Inc. (See Christensen, K[illegible] assignor.)

Mallerin, Charles, Varces, France, assignor to The C[illegible] Pyle Company, West Grove, Pa. Rose. 337; Aug.

Mkhalian, Vahan, Visalia, Calif. Grape. 311; Jan. 1.

Murphey, Robert C., assignor to R. H. Murphey's Sons Company, Urbana, Ohio. Chrysanthemum. 310; Jan. 17.

Murphey's, R. H., Sons Company. (See Murphey, Robert C., assignor.)

Nametz, John U., Benton Harper, assignor to Greening Nursery Company, Monroe, Mich. Peach tree. 325; Apr. 4.

Nicolas, Fannie, administratrix. (See Nicolas, Jean H.)

Nicolas, Jean H., deceased, by F. Nicolas, administratrix, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 331; June 20.

Oder, John, assignor to The Denver Wholesale Florists Company, Denver, Colo. Snapdragon. 308; Jan. 17.

Perry, Willie M., Chase City, Va., assignor to Bountiful Ridge Nurseries, Princess Anne, Md. Peach tree. 320; Mar. 28.

Plough, Walter D. (See Campbell, Vine C., assignor.)

Prior, Basil E., Colchester, England, assignor to Jackson & Perkins Company, Newark, N. Y. Rose plant. 340; Sept. 19.

Proietti, Joseph, San Leandro, Calif. Rose. 333; June 27.

Rasmussen, John C., New Albany, Ind. Carnation. 344; Oct. 24.

Reber, Lewis B., Royalton Township, Berrien County, assignor to The Greening Nursery Company, Monroe, Mich. Cherry. 316; Feb. 28.

Riesselmann, Karel, assignor to The Florex Gardens, North Wales, Pa. Rose. 330; June 13.

Ruedlinger Nursery. (See Ruedlinger, Rudolf N., assignor.)

Ruedlinger, Rudolf N., assignor to Ruedlinger Nursery, St. Louis Park, Minn. Pear tree. 309; Jan. 17.

Russell, Evan L., Jonesville, Va. Strawberry. 345; Oct. 24.

Ruys, Bonne, Dedemsvaart, Netherlands, assignor to Jackson & Perkins Company, Newark, N. Y. Delphinium. 324; Apr. 4.

Savely, James W., near Hendersonville, Tenn. Apple. 327; Apr. 18.

Snyder, Karl K., et al. (See Alexander, George E., assignor.)

Verschuren, Hendrikus A., Haps, near Uden, Netherlands, assignor to Henry A. Dreer, Incorporated, Philadelphia, Pa. Rose. 350; Dec. 19.

Wayside Gardens Company, The. (See Burkwood, Arthur, assignor.)

Wayside Gardens Company. (See Grullemans, John J.)

Workman, John A., Riverside, assignor to Armstrong Nurseries, Ontario, Calif. Orange tree. 347; Nov. 21.

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A. B. A. Specialties Company. (See Fridolph, Annette, assignor.)
A. D. S. Corp. (See Bierbach, Carl F., assignor.)
A. & S. Shoe Engineering Co. (See Aronov, P., and Scott, assignors.)
A and Z Chain Company. (See Dalo, John, assignor.)
Aalberg, John O., Los Angeles, Calif., assignor to R K O Studios, Inc. Metronome. 2,184,728; Dec. 26.
Aalborg, Christian, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Food mixer. 2,169,014; Aug. 8.
Aamot, Sven, and A. E. Olsen, Chicago, Ill. Odometer. 2,173,773; Sept. 19.
Aaronson, Henry A. (See Rinkenbach, W. H., and Aaronson.)
Aaronson, Henry A., Dover, N. J. Preparation of dinitroethyleneurea. 2,149,260; Mar. 7.
Aasted, Kai C. S., Gentofte, assignor of part interest to Boggild & Jacobsen, Copenhagen, Denmark. Process and machine for treatment of semiliquid or plastic substances, especially chocolate. 2,147,184; Feb. 14.
Abadie, Jean B. J. M., assignor of one-half to Lumineles (Societe a responsabilite limitee), Paris, France. Electrode for vacuum tubes. 2,161,790; June 13.
Abbate, Louis M., Chicago, Ill. Stapling machine. 2,143,427; Jan. 10.
Abbate, Louis M., Chicago, Ill. Electric siphon coffee maker. 2,180,655; Nov. 21.
Abbate, Nicholas E., Chicago, Ill. Electric heater. 2,154,021; Apr. 11.
Abbey, Nelson D., Toledo, Ohio. Machine for cutting tubing. 2,168,853; Aug. 8.
Abbot, William G., Jr. (See Magnano, S., and Abbott.)
Abbot Worsted Company. (See Branch, Guy E., assignor.)
Abbott, Alva A., Turlock, Calif. Pressure grease dispenser. 2,163,366; June 20.
Abbott, Charles C., Pittsfield, Mass., assignor to General Electric Company. Terminal structure. 2,177,508; Oct. 24.
Abbott, Charles C., Pittsfield, Mass., assignor to General Electric Company. Terminal structure. 2,177,509; Oct. 24.
Abbott, Charles W., Larchmont, N. Y. Method and apparatus for producing coated rubber-insulated conductors. 2,175,099; Oct. 3.
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Knot tier. 2,146,713; Feb. 14.
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Winding machine. 2,157,105; May 9.
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Winding machine. 2,160,810; June 6.
Abbott, Edward J., assignor to Abbott Machine Company, Wilton, N. H. Automatic winder. 2,177,680; Oct. 31.
Abbott, Edward J., and J. E. Ring, assignors to Abbott Machine Company, Wilton, N. H. Winding machine. 2,177,763; Oct. 31.
Abbott, Ernest J. (See Firestone, F. A., Abbott, and Kraus.)
Abbott Laboratories. (See Raiziss, G. W., and Clemence, assignors.)
Abbott Laboratories. (See Tabern, Donalee L., assignor.)
Abbott Laboratories. (See Volwiler, E. H., and Moore, assignors.)
Abbott Laboratories. (See Volwiler, E. H., and Tabern, assignors.)
Abbott Machine Company. (See Abbott, Edward J., assignor.)
Abbott Machine Company. (See Abbott, E. J., and Ring, assignors.)
Abbott, Scott M., Chicago, Ill. Bookmarker. 2,177,348; Oct. 24.
Abbott, Scott M., assignor to The Burrows Company, Chicago, Ill. Suction evacuator for surgical and similar operations. 2,172,949; Sept. 12.
Abbott, Stanley A., London, England. Discharge tube electrode. 2,162,414; June 13.
Abbott, Walter H., Cleveland Heights, Ohio. Mop, and washing and wringing apparatus therefor. 2,147,782; Feb. 21.
Abbotts, Leonard, assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Bottle cap. 2,170,045; Aug. 22.
Abe, Philber A., assignor to The Monach Machine Tool Company, Sidney, Ohio. Lathe. 2,143,255; Jan. 10.
Abegg, Walter A., Los Angeles, Calif. Kelly-bar bushing. 2,155,109; Apr. 18.
Abegg, Walter A., assignor of one-half to B. Beinhold, Los Angeles, Calif. Drill slip. 2,143,615; Jan. 10.
Abegg, Walter A., assignor to J. Grant, Los Angeles, Calif. Rotary-drill well bit. 2,168,640; Aug. 8.
Abegg, Walter A., assignor of one-half to B. Reinhold, Los Angeles, Calif. Rotary table bushing and handling same. 2,183,526; Dec. 19.
Abel, Eugéne, Paris, France. Device for filling small containers. 2,165,604; July 11.
Abel, Jack, Elmhurst, N. Y. Powered cross feed for lathes. 2,170,888; Aug. 29.
Abel, Joseph C., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. End construction for railway cars. 2,180,494; Nov. 21.
Abel, Paul, executor. (See Lilienfeld, Leon.)
Abell, Arthur H., New York, N. Y. Starter for engines. 2,159,514; May 23.
Abell, Dale F. (See Abell, Joseph S., assignor.)
Abell, Everett, Niagara Falls, N. Y. Hydraulic brake disconnector. 2,184,806 Dec. 26.
Abell, Joseph S., assignor of one-half to D. F. Abell, Louisville, Ky. Prismatic frame and floating body. 2,161,219; June 6.
Abell, Rollins, Milton, Mass. Racket. 2,164,631; July 4.
Abell, Walter P., Quincy, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 2,154,425; Apr. 18.
Abendroth, Elmer T., assignor to The Oakes Manufacturing Company, Tipton, Ind. Electrical switch. 2,157,156; May 9.
Abendroth, Wilhelm, Dusseldorf, Germany. Sliding door. 2,173,194; Sept. 19.
Abercrombie, Charles W., Nichols, assignor to Bridgeport Brass Company, Bridgeport, Conn. Adjustable venting control for air valves. 2,167,321; July 25.
Abercrombie, James S. (See Allen, Herbert, assignor.)
Abercrombie, James S., assignor, by mesne assignments, to Abercrombie Pump Company, Houston, Tex. Pump valve. 2,143,399; Jan. 10.
Abercrombie, James S., and H. Allen, Houston, Tex. Drilling valve. 2,162,990; June 20.
Abercrombie Pump Company. (See Abercrombie, James S., assignor.)
Abercrombie Pump Company. (See Allen, Herbert, assignor.)
Abild, Robert N. (See Hutt, R. B. W., and Abild.)
Abington Textile Machinery Works. (See White, Charles E., assignor.)
Abkowitz, Harold E., assignor to Pressed Steel Car Company, Inc., Pittsburgh, Pa. Mine car. 2,179,679; Nov. 14.
Ablott, Ralph E. (See Rapp, H. B., and Ablott.)
Aborn, Robert H., Millburn, and J. J. B. Rutherford, Jersey City, N. J., assignors to United States Steel Corporation, New York, N. Y. Heat treating chromium-containing corrosion and/or heat resisting steels. 2,153,906; Apr. 11.
Abouchar, Paul C., Brooklyn, N. Y. Making dies. 2,182,775; Dec. 12.
Abraham, Leonard G., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal transmission system. 2,158,993; May 23.
Abrahams, Robert D., executor, et al. (See David, John.)
Abramovic, Dr. Josip. (See Vajda, Franjo, assignor.)
Abramowitz, Morris, New York, and J. Marino, Brooklyn, N. Y. Spring cushion filling machine attachment. 2,181,308; Nov. 28.
Abrams, Allan C., Providence, R. I., assignor to Brown and Sharpe Manufacturing Company. Grinding wheel reciprocating mechanism. 2,163,443; June 20.
Abrams, Ralph, Fresno, Calif. Armature winding machine. 2,144,477; Jan. 17.
Abrams, Victor R., East Orange, N. J., assignor to Sulflo Corporation of America. Freely flowing suspensions of pigments and other particles. 2,157,378; May 9.
Abrams, Victor R., East Orange, N. J., assignor to Sulflo Corporation of America. Suspensions for lubricating and other purposes. 2,157,379; May 9.
Abrams, Victor R., East Orange, N. J., assignor to Sulflo Corporation of America. Suspensions for coating and other purposes. 2,157,380; May 9.
Abramsen, Petter B., Dormont, assignor of one-half to F. Schaefer, Pittsburgh, Pa. Apparatus for straightening bars, rounds, or the like. 2,147,589; Feb. 14.
Abramson, Ernest L., Davenport, assignor to Micro-Westco, Inc., Bettendorf, Iowa. Stuffing box construction. 2,143,825; Jan. 10.
Abrasive Products, Inc. (See Pitt, Ralph T., assignor.)
Abrasive Products, Inc. (See Walker, Charles R., assignor.)
Abresch, William Y., Gastonia, N. C. Automatic truck brake. 2,169,781; Aug. 15.
Accerrories Company, The. (See Sakier, George, assignor.)
Accetta, Anthony C., Cleveland, Ohio. Artificial lure. 2,145,283; Jan. 31.
Accumulatoren-Fabrik Aktiengesellschaft. (See Witte, Erich, assignor.)
Aceves, Julius G. (See Parker, H. F., and Aceves.)
Achatz, John, assignor of one-half to S. B. Collins, Hooper, Colo. Vegetable grader belt. 2,183,439; Dec. 12.
Achen, Chris, and W. Poppler, Zurich, Mont. Attachment for cultivators. 2,182,270; Dec. 5.
Achenbach, Walter, Hennigsdorf, and R. v. Tempelhoff, Tegel, Germany, assignors to General Electric Company. Operating apparatus for current collectors. 2,175,008; Oct. 3.

Acheson Colloids Corporation. (See Bartell, Floyd E., assignor.)
Achslager-Syndikat. (See Pesarese, Fritz, assignor.)
Achtermann, Otto, Partenkirchen, and F. Schiller, Goppingen, assignors to L. Schuler A. G., Goppingen, Wurttemberg, Germany. Receiving bodies of tins and feeding them to soldering or folding mandrels. 2,184,089; Dec. 19.
"Acieries de Haine Saint-Pierre et Lesquin", Société Anonyme. (See Bikar, Marie E. J. H., assignor.)
Acker, Ernst. (See Weingand, R., and Acker.)
Acker, George H., Shaker Heights, assignor to The Cleveland Worm and Gear Company, Cleveland, Ohio. Reduction gear. 2,147,391; Feb. 14.
Acker, George H., Shaker Heights, assignor to The Cleveland Worm & Gear Company, Cleveland, Ohio. Valve control. 2,151,176; Mar. 21.
Acker, George H., Shaker Heights, assignor to The Cleveland Worm & Gear Company, Cleveland, Ohio. Valve control unit. 2,151,493; Mar. 21.
Acker, George H., Shaker Heights, assignor to The Cleveland Worm and Gear Company, Cleveland, Ohio. Reduction gear control. 2,175,047; Oct. 3.
Acker, William L., Scranton, Pa. Core drill. 2,151,673; Mar. 28.
Ackerman, Aaron. (See Du Pree, C., and Ackerman.)
Ackerman, Albert A., South Bend, Ind., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Strap and making the same. 2,149,201; Feb. 28.
Ackerman, Albert A., South Bend, Ind., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Strip folder. 2,149,755; Mar. 7.
Ackerman-Blaesser-Fezzey, Inc. (See Ackerman, Edward L., assignor.)
Ackerman, Chester W., Broadview Heights, Ohio. Mechanical wheel-blocking device for vehicles. 2,182,044; Dec. 5.
Ackerman, David V., Seattle, Wash. Adjustable slip cam. 2,183,950; Dec. 19.
Ackerman, Edward L., assignor, by mesne assignments, of one-fourth to said E. L. Ackerman, one-fourth to C. E. Blaesser, one-fourth to C. T. Fezzey, and one-fourth to A. J. Zwierzina, Detroit, Mich. Hinge and pillar construction for vehicle doors. 2,147,133; Feb. 14.
Ackerman, Edward L., assignor to Ackerman-Blaesser-Fezzey, Inc., Detroit, Mich. Sash operating mechanism. 2,170,440; Aug. 22.
Ackerman, Edward L., assignor to Ackerman-Blaesser-Fezzey, Inc., Detroit, Mich. Forming helical gears. 2,174,814; Oct. 3.
Ackerman, Frederick W. (See Roscoe, E. S., and Ackerman.)
Ackerman, Guy O., Worcester, and P. Stewart, Boylston, Mass., assignors to The American Steel and Wire Company of New Jersey. Continuous heat treating furnace. 2,167,821; Aug. 1.
Ackerman, Karl. (See Stadler, R., Ackerman, and Lehrer.)
Ackermann, Franz. (See Graenacher, C., Ackermann, and Bruengger.)
Ackley, Allan A., and C. H. Angell, Mount Prospect, Ill. Construction of buildings. 2,150,898; Mar. 21.
Ackley, Sherman G., assignor to Peoples Finance and Thrift Company of Bakersfield, Bakersfield, Calif. Whip stock. 2,171,020; Aug. 29.
Acklin Stamping Company, The. (See Smith, Harry F., assignor.)
Ackron, Albert, Chicago, Ill. Beam compass. 2,162,568; June 13.
Acme Air Appliance Company. (See Longstreet, Walter H., assignor.)
Acme Electric & Manufacturing Company, The. (See Comstock, James A., assignor.)
Acme Rayon Corporation. (See Huttinger, Charles A., assignor.)
Acme Shear Company, The. (See Conway, John J., assignor.)
Acme Steel Company. (See Kronquest, William C., assignor.)
Acme Steel Company. (See MacChesney, Chester M., assignor.)
Acme Steel Company. (See MacChesney, C. M., and Wilson, assignors.)
Acme Steel Company. (See Paxton, Hale and G. C., and Benson, assignors.)
Acme Steel Company. (See Stanius, Godfrey, assignor.)
Acme Steel Company. (See Twomley, Herbert E., assignor.)
Acme Steel Company. (See Wilson, Allen B., assignor.)
Acme Steel Company of Illinois. (See Cruse, Ralph E., assignor.)
Acme White Lead & Color Works. (See Hicks, Glenn H., assignor.)
Acme White Lead & Color Works. (See Hofmann, Joseph F., assignor.)
Acme Visible Records, Inc. (See Gast, Edward C., Jr., assignor.)
Acme Visible Records, Inc. (See Rudolph, Walter J., assignor.)
Acree, Solomon F., Washington, D. C. Determining pH and buffers and indicators therefor. 2,178,550; Nov. 7.
Acrotorque Company, The. (See Orshansky, Elias, Jr., assignor.)
Actiengesellschaft Joh. Jacob Rieter & Cie. (See Hess, Otto H., assignor.)
Actiengesellschaft Joh. Jacob Rieter & Cie. (See Meier, Josef, assignor.)
Acton, Russel D., Chicago, Ill., assignor to International Harvester Company. Tractor construction. 2,143,726; Jan. 10.
Adair, Alonzo D., Wharton, Tex. Testing apparatus. 2,182,368; Dec. 5.
Adair, Arthur B. (See Freud, Joseph, assignor.)
Adair, George P., Takoma Park, Md. Radio receiving system. Re. 21,151; July 18.
Adair, Samuel E., Chicago, Ill., assignor, by mesne assignments, to Bendix Radio Corporation, Baltimore, Md. Electrical system. 2,157,841; May 9.
Adam, Folger, Joliet, Ill. Jail locking device and the like. 2,148,521; Feb. 28.
Adam, Frank, Electric Company. (See Adam, Frederick B., assignor.)
Adam, Frank, Electric Company. (See Adam, F. B., and Green, assignors.)
Adam, Frank, Electric Company. (See Adam, F. B., and Stieglitz, assignors.)
Adam, Frederick B., St. Louis County, assignor to Frank Adam Electric Company, St. Louis, Mo. Electric heater. 2,162,341; June 13.
Adam, Frederick B., St. Louis County, and H. M. Stieglitz, assignors to Frank Adam Electric Company, St. Louis, Mo. Solderless connector. 2,151,674; Mar. 28.
Adam, Frederick B., St. Louis County, and F. S. Green, assignors to Frank Adam Electric Company, St. Louis, Mo. Arc quencher. 2,159,645; May 23.
Adam, Marcel. (See Terrier, F., and Adam.)
Adam, Moritz, Berlin, Germany. Copying of lenticular film. 2,155,075; Apr. 18.
Adam, Robert, St. Louis, Mo. Floor and making the same. 2,165,437; July 11.
Adam, William, Jr., Jenkintown, assignor to Ajax Electric Company, Incorporated, Philadelphia, Pa. Electric furnace. 2,145,677; Jan. 31.
Adam, William, Jr., Baederwood, Jenkintown, assignor to Ajax Electric Company Incorporated, Philadelphia, Pa. Electrode clamp. 2,149,003; Feb. 28.
Adamec, Gilbert, New York, N. Y. Paring knife. 2,178,028; Oct. 31.
Adamoli, Carlo, Milan, Italy, assignor to Perosa Corporation, Wilmington, Del. Manufacture of soluble metallic fluorides and particularly of beryllium fluoride. 2,145,329; Jan. 31.
Adamoli, Carlo, Milan, Italy, assignor to Perosa Corporation, Wilmington, Del. Obtaining beryllium fluoride free from oxide. 2,173,290; Sept. 19.
Adamoli, Piero. (See Opatowski, R. O., and Adamoli.)
Adams, Alexander. (See Scholz, H. A., and Adams.)
Adams, Alfred S., Atlantic City, N. J. Brush holder. 2,150,706; Mar. 14.
Adams, Arthur A., Brookline, and R. G. Morse, Marblehead, Mass. Switch stand. 2,146,666; Feb. 7.
Adams, Arthur H., Yonkers, assignor to Western Electric Company, Incorporated, New York, N. Y. Selecting and typing means for printing telegraphs. 2,161,840; June 13.
Adams, Basil A., and E. L. Holmes, Teddington, England. Method of and means for effecting anionic exchanges in solutions. 2,151,883; Mar. 28.
Adams, Charles F. (See King, Edward A., assignor.)
Adams, Charles F., New York, N. Y. Stamping wheel. 2,184,510; Dec. 26.
Adams, Charles L., Cape May, N. J. Fire extinguisher. 2,166,277; July 18.
Adams Company, The. (See Spensley, William J., assignor.)
Adams, Donald W., and R. L. Schuhmann, Louisville, Ky., assignors to Coffee Electrost Corporation, Chicago, Ill. Coffee roaster. 2,172,603; Sept. 12.
Adams, Edward E. (See Adams, Edward T., assignor.)
Adams, Edward T., Long Beach, assignor to E. E. Adams, Los Angeles, Calif. Well pump. 2,160,811; June 6.
Adams, Elmer W. (See MacLaren, F. H., and Adams.)
Adams, Elmer W. (See McNulty, G. M., and Adams.)
Adams, Frank C., San Francisco, Calif. Portable truck loader. 2,142,687; Jan. 3.
Adams, Frederic H. (See Lecher, H. Z., Adams, and Orem.)
Adams, Frederic H., Somerville, assignor to The Calco Chemical Company, Inc., Somerset, N. J. Preparation of acylacetic arylides. 2,145,617; Jan. 31.
Adams, George, Detroit, Mich. Preparing printing plates. 2,145,036; Jan. 24.
Adams, Hale D., Galesburg, Ill. Connecting driving elements and the article produced thereby. 2,162,902; June 20.
Adams, Harold A., Bakersfield, Calif. Dry concentrator. 2,144,671; Jan. 24.
Adams, Harold A., Bakersfield, and R. D. Lemert, Los Angeles, Calif. Apparatus for producing stereoscopic effects in motion pictures. 2,146,135; Feb. 7.
Adams, Harry A., Quincy, Mass. Auxiliary sound reproducing apparatus. 2,145,963; Feb. 7.
Adams, Harry B., Chicago, Ill., assignor to Cherry-Burrell Corporation, Wilmington, Del. Packaging plastic comestibles. 2,145,240; Jan. 31.
Adams, Henry T., Chicago, Ill. Binder. 2,180,892; Nov. 21.
Adams, Hurl R., Pittsburgh, Pa. Temperature change compensation apparatus. 2,166,935; July 25.
Adams, James F. (See Nikitin, A. A., and Adams.)

Adams, James F., Wilmington, and A. A. Nikitin, Newark, Del., assignors to W. C. O'Kane, Durham, N. H., and P. Moore, Washington, D. C., as trustees for the Crop Protection Institute. Stable parasiticide. 2,172,314; Sept. 5.
Adams, James L., Jr., Youngstown, Ohio, assignor to The Youngstown Sheet & Tube Company. Method and apparatus for welding. 2,181,445; Nov. 28.
Adams, James W., Fostoria, and R. L. Cornwell, Risingsun, Ohio. Teletype apparatus. 2,155,882; Apr. 25.
Adams, James W., assignor to Oil Well Supply Company, Dallas, Tex. Boiler insulation. 2,175,948; Oct. 10.
Adams, John H., Seattle, Wash. Device to indicate the temperature of cooking meat. 2,154,426; Apr. 18.
Adams, John Q., Columbus, Ohio. Collapsible tent. 2,144,747; Jan. 24.
Adams, John Q., and F. A. Benford, Schenectady, N. Y., assignors to General Electric Company. Optical comparator. 2,155,248; Apr. 18.
Adams, John W., Duncan, Okla. Irrigating implement. 2,181,540; Nov. 28.
Adams, Julius R. (See Davidson, P. B., and Adams.)
Adams, Kay E., et al. (See Delk, Edward M., assignor.)
Adams, Leland J., Burbank, and F. Bracken, Los Angeles, Calif., assignors to Warner Bros. Pictures, Inc., New York, N. Y. Prime mover regulation. 2,168,927; Aug. 8.
Adams, Leland R., Akron, Ohio. Storage battery. 2,184,373; Dec. 26.
Adams, Nicholas M., Chicago, Ill., assignor to Wilson & Company. Treating gut. 2,164,101; June 27.
Adams, Parks M., assignor to The Glenn L. Martin Company, Baltimore, Md. Aircraft construction. 2,150,143; Mar. 14.
Adams, Robert J. (See Johnson, H. S., and Adams.)
Adams, Roger, Urbana, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Aliphatic aminomethane sulphinic acids and their salts. 2,146,280; Feb. 7.
Adams, S. G., Company. (See Stephens, Homer, assignor.)
Adams, Schalto E., assignor of one-half to C. E. Dues, Flint, Mich. Trailer hitch. 2,170,983; Aug. 29.
Adams, Soren S., Asbury Park, N. J. Suction cup novelty. 2,181,113; Nov. 28.
Adams, Thomas C., Minneapolis, Minn., assignor of one-half to M. J. Saperston, Chicago, Ill. Electrically operated clock. 2,169,208; Aug. 15.
Adams, Walter, Yutan, Nebr. Cultivator shield regulator. 2,175,512; Oct. 10.
Adams, Walter L., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Fishing reel. 2,179,972; Nov. 14.
Adams, William J., Washington, D. C. Protractor. 2,173,526; Sept. 19.
Adams, William S., Philadelphia, Pa. Metallic packing for pistons. 2,156,796; May 2.
Adamson, Allan A., West New York, N. J. Paper cup. 2,168,186; Aug. 1.
Adamson, Andrew E., assignor to Brainard Steel Corporation, Warren, Ohio. Strap tensioning device. 2,146,104; Feb. 7.
Adamson, Andrew E., assignor to Brainard Steel Corporation, Warren, Ohio. Sealing tool. 2,181,755; Nov. 28.
Adamson Machine Company, The, et al. (See Winegar, E. M., and Dawes, assignors.)
Adamson, Seth, Rye, assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Riding breeches and the like. 2,146,494; Feb. 7.
Adas, Thomas L., Chicago, Ill., assignor to Purdue Research Foundation, Lafayette, Ind. Highway marker. 2,169,674; Aug. 15.
Addie, Herbert G., Cresco, Iowa. Buried cable terminal. 2,184,574; Dec. 26.
Addink, Nicolaas W. H., and J. H. de Boer, Eindhoven, Netherlands, assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Cathode ray tube fluorescent screen. 2,182,860; Dec. 12.
Addis, Frank J. and P. P., Brooklyn, N. Y. Merchandise package and display. 2,147,134; Feb. 14.
Addis, Frank J. and P. P., Brooklyn, N. Y. Merchandise package and display. 2,147,135; Feb. 14.
Addis, Paul P. (See Addis, Frank J. and P. P.)
Addressograph-Multigraph Corporation. (See Brownsey, Horace P., assignor.)
Addressograph-Multigraph Corporation. (See Curtis, Franklin E., assignor.)
Addressograph-Multigraph Corporation. (See Gollwitzer, Walter T., assignor.)
Addressograph-Multigraph Corporation. (See Rubinstein, David, assignor.)
Addressograph-Multigraph Corporation. (See Smith, Clyde, assignor.)
Addy, Charles W., and R. H. J. Riley, Spondon, near Derby, England, assignors to Celanese Corporation of America. Winding of yarns. 2,155,461; Apr. 25.
Adell, John A., Orange, Mass. Yarn measuring machine. 2,152,232; Mar. 28.
Adelman, William S., Chicago, Ill. Electric receptacle support. 2,161,841; June 13.
Ades, Lewis B., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Machine tool. 2,151,291; Mar. 21.
Adey, Ralph H., London, England. Apparatus for the electrodeposition of metals. 2,146,924; Feb. 14.
Adhesive Products Co., The. (See Harrison, Woodford F., assignor.)
Adhesive Products Co., The. (See Harrison, W. F., and Meyer, assignors.)
Adhesive Products Co., The. (See Meyer, Ferd H., assignor.)
Adirondack Sportswear, Inc. (See Fitch, Albert R., assignor.)
Adkins, Homer, Madison, Wis., assignor to Röhm & Haas Company, Philadelphia, Pa. Hydrogenation of amides. 2,143,751; Jan. 10.
Adkins, Homer, Madison, Wis., and C. F. Winans, Akron, Ohio. Preparation of furfurylamines. 2,175,585; Oct. 10.
Adkins, Richard F., Topeka, Kans. Shield for coat hangers. 2,147,590; Feb. 14.
Adkinson, Allen, U. S. Marine Corps. Shielding and current conducting assembly. 2,181,860; Dec. 5.
Adkinson, Harold, Salina, Kans. Lug type soil packer. 2,176,984; Oct. 24.
Adkisson, Martha, St. Louis, Mo. Collapsible container. 2,163,656; June 27.
Adlake Company, The. (See Gehrand, C. E., and Larson, assignors.)
Adlake Company, The. (See Hagerty, Andrew T., assignor.)
Adlake Company, The. (See Hagerty, A. T., and Verhagen, assignors.)
Adlake Company, The. (See Hendrickson, Hugh H., assignor.)
Adlake Company, The. (See Larson, Carl H., assignor.)
Adlake Company, The. (See Verhagen, Christian M., assignor.)
Adlake Company, The. (See Whitmore, Edward E., assignor.)
Adlam, Thomas N., West Orange, N. J. Steam trap. 2,157,470; May 9.
Adler, Benjamin H., Chicago, Ill. Letter. 2,144,954; Jan. 24.
Adler, Benjamin H., Chicago, Ill. Changeable sign and letters therefor. 2,156,257; May 2.
Adler, Charles, Jr., Baltimore, Md. Patrol system. 2,173,747; Sept. 19.
Adler, George G., Miami, Fla. Column. 2,143,616; Jan. 10.
Adler, Herman G., Detroit, assignor, by mesne assignments, to King-Seeley Corporation, Ann Arbor, Mich. Governor. 2,170,744; Aug. 22.
Adler, John B., Crystal Lake, Ill. Folding armchair. 2,155,522; Apr. 25.
Adler, Robert, St. Paul, Minn. Flume and ditch lining. 2,170,671; Aug. 22.
Adler, Solomon, et al. (See Adler, Solomon, assignor.)
Adler, Solomon, Kew Gardens, N. Y., assignor to S. Adler, B. B. Rose, and W. N. and A. W. Clurman. Receptacle tap. 2,184,263; Dec. 19.
Admos Bleibronze Dr. Springorum & Co. Kom.-Ges. (See Jaeger, Hans, assignor.)
Adolphsen, Albert W., assignor to Puritan Compressed Gas Corporation, Kansas City, Mo. Oxygen inhaling assembly. 2,166,574; July 18.
Adrema Maschinenbauges, m. b. H. (See Krell, Joseph, assignor.)
Adrian, Matthew B., assignor to X-Ray Shoe Fitters, Inc., Milwaukee, Wis. X-ray inspection equipment and method. 2,169,483; Aug. 15.
Advance Aluminum Castings Corp. (See Grundstrom, Erik G., assignor.)
Advance Appliance Co. (See Pallister, T. W., assignor, and Leman.)
Advance Engineering Company. (See Nordell, Carl H., assignor.)
Advance Machine Company. (See Gebert, A. E., and Black, assignors.)
Advance Polishing Wheels, Inc. (See Welhaven, John E., assignor.)
Advertising Machines Corporation. (See Roberts, Charles, assignor.)
Aeolian-Skinner Organ Company. (See Stiff, John T., assignor.)
Aero-Bocker Knitting Mills, Inc. (See Rabbiner, Bertrand, assignor.)
Aero Piston Ring Company Limited. (See Richards, Arthur C., assignor.)
Aeroplane Improvements Limited. (See Latulippe, Eddy D., assignor.)
Aero Safety Brake, Inc. (See Franchi, Aldo M., assignor.)
Aero-Style Corporation. (See Harroun, Ray W., assignor.)
Aero-Style Corporation. (See Harroun, R. W., and Zimmerman, assignors.)
Aero Supply Mfg. Co., Inc. (See Downey, George T., assignor.)
Aerovox Corporation. (See Georgiev, Alexander, assignor.)
Aerovox Corporation. (See Rhodes, Howard E., assignor.)
Aerovox Corporation. (See Waterman, Herbert, assignor.)
Aeschbach, Walter E., assignor to The Measuregraph Company, St. Louis, Mo. Fabric measuring machine. 2,152,833; Apr. 4.
Aetna Motor Products Company. (See Batcheller, Hugh W., assignor.)
Aetna-Standard Engineering Company, The. (See Matteson, Elwin A., assignor.)

Aetna Standard Engineering Company, The. (See Matteson, E. A., and Finkbone, assignors.)
Aetna Standard Engineering Company, The. (See Moore, George E., assignor.)
"Afag" Finanzierungs A. G. (See Sindl, O., and Frank, assignors.)
Affiliated Industrial Corporation. (See Batchelor, John C., assignor.)
Agahd, Walter. (See von Bleichert, Wolfram, assignor.)
Agar Manufacturing Corporation. (See Brite, Frontice H., assignor.)
Agayoff, John D., New York, N. Y. Catheter or drainage tube. 2,173,527; Sept. 19.
Agbay, Samuel J. (See Langhammer, Frank L., assignor.)
Ageing Laboratories, Inc. (See Bagby, Ben P., assignor.)
Agel, Frank O., Petersburg, Va., assignor to The Solvay Process Company, New York, N. Y. Production of nitrates. 2,148,793; Feb. 28.
Agena, Ronald K. (See Kushima, J. I., and Agena.)
Agens, Maynard C., Schenectady, N. Y., assignor to General Electric Company. Synthetic rubberlike compositions. 2,156,956; May 2.
Ager-Wick, Emil, Arendal, Norway. Adjustable candlestick. 2,163,137; June 20.
Agerell, William C., and A. C. Mueller, assignors to Pines Winterfront Company, Chicago, Ill. Radiator and radiator shutter assemby. 2,170,524; Aug. 22.
Agfa Ansco Corporation. (See Bauer, Ernst, assignor.)
Agfa Ansco Corporation. (See Birr, E. J., Fricke, and Wilmanns, assignors.)
Agfa Ansco Corporation. (See Bodine, Howard O., assignor.)
Agfa Ansco Corporation. (See Bornmann, Carl, assignor.)
Agfa Ansco Corporation. (See Brunken, Johannes, assignor.)
Agfa Ansco Corporation. (See Busse, Ferdinand, assignor.)
Agfa Ansco Corporation. (See Clarke, Fredrick D., assignor.)
Agfa Ansco Corporation. (See Current, I. B., and Henrikson, assignors.)
Agfa Ansco Corporation. (See Dersch, Fritz H., assignor.)
Agfa Ansco Corporation. (See Dieterle, Walter, assignor.)
Agfa Ansco Corporation. (See Dieterle, W., Walter, and Dürr, assignors.)
Agfa Ansco Corporation. (See Dieterle, W., and Gassner, assignors.)
Agfa Ansco Corporation. (See Eggert, J., and Luft, assignors.)
Agfa Ansco Corporation. (See Eggert, J., and Wendt, assignors.)
Agfa Ansco Corporation. (See Eggert, J., Froehlich, and Wendt, assignors.)
Agfa Ansco Corporation. (See Frankenburger, W., and Rössler, assignors.)
Agfa Ansco Corporation. (See Frankenburger, W., and Schulz, assignors.)
Agfa Ansco Corporation. (See Fricke, H., and Birr, assignors.)
Agfa Ansco Corporation. (See Fricke, H., and Brunken, assignors.)
Agfa Ansco Corporation. (See Gantnier, Frank J., assignor.)
Agfa Ansco Corporation. (See Goldacker, P., Maiser, and Schmitz-Hillebrecht, assignors.)
Agfa Ansco Corporation. (See Goldhammer, Leo, assignor.)
Agfa Ansco Corporation. (See Herbst, M., and Frankenburger, assignors.)
Agfa Ansco Corporation. (See Heymer, G., and Schultze, assignors.)
Agfa Ansco Corporation. (See Jakob, L., and Wendt, assignors.)
Agfa Ansco Corporation. (See Jung, Adolf, assignor.)
Afga Ansco Corporation. (See Kleine, J., and Wilmanns, assignors.)
Agfa Ansco Corporation. (See König, Walter, assignor.)
Agfa Ansco Corporation. (See Maiser, Georg L., assignor.)
Agfa Ansco Corporation. (See Miller, Alfred, assignor.)
Agfa Ansco Corporation. (See Ossenbrunner, A., Hagdorn, and Wilmanns, assignors.)
Agfa Ansco Corporation. (See Polhemus, John K., assignor.)
Agfa Ansco Corporation. (See Roehrl, Bruno C., assignor.)
Agfa Ansco Corporation. (See Schneider, Wilhelm, assignor.)
Agfa Ansco Corporation. (See Schneider, W., and Bauer, assignors.)
Agfa Ansco Corporation. (See Schneider, W., and Fröhlich, assignors.)
Agfa Ansco Corporation. (See Schenider, W., and Hagedorn, assignors.)
Agfa Ansco Corporation. (See Schneider, W., and Loleit, assignors.)
Agfa Ansco Corporation. (See Ulrich, H., Saurwein, Goldacker, and Maiser, assignors.)
Agfa Ansco Corporation. (See Wagner, F., and Busse, assignors.)
Agfa Ansco Corporation. (See Wendt, Bruno, assignor.)
Agfa Ansco Corporation. (See Wilmanns, Gustav, assignor.)
Agfa Ansco Corporation. (See Wilmanns, G., and Schneider, assignors.)
Agfa Ansco Corporation. (See Wilmanns, G., Schneider, and Bauer, assignors.)
Agfa Ansco Corporation. (See Wilmanns, G., Schneider, and Frohlich, assignors.)
Agfa Ansco Corporation. (See Wilmanns, G., Schneider, and Kethur, assignors.)
Agfa Ansco Corporation. (See Wilmanns, G., Schneider, and Wendt, assignors.)
Agfa Ansco Corporation. (See Zeh, Walter, assignor.)
Agins, George. (See Davis, A. P., and Agins.)
Agins, George, assignor to Arma Engineering Co., Inc., Brooklyn, N. Y. Inverter for variable electrical current. 2,148,718; Feb. 28.
Agnew, Arthur M., Maplewood, N. J. Nail or spike. 2,168,854; Aug. 8.
Agnew, Mary. (See Bossard, Gisbert L., assignor.)
Agnew, Norman F., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,162,903; June 20.
Agnew, Norman F., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Light signal. 2,168,785; Aug. 8.
Agnew, Norman F., assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,168,786; Aug. 8.
Agnew, Norman F., assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,176,600; Oct. 17.
Agnew, Norman F., Stockton, Calif., assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote controlling apparatus. 2,179,311; Nov. 7.
Agonis, John J., Bridgeport, Conn. Drinking glass. 2,142,811; Jan. 3.
Agren, Ernst M., Stockholm, Sweden. Flexible shaft coupling. 2,148,975; Feb. 28.
Agren, Per H. W., Skelleftehamn, assignor to Bolidens Gruvaktiebolg, Stockholm, Sweden. Electrical purification of sulphur-containing gases. 2,143,365; Jan. 10.
Agricola, Frederick T., Gadsden, Ala. Cooking range or stove. 2,143,640; Jan. 10.
Agtiebolaget Svenska Flaktfabriken. (See Andersson, Axel N. A., assignor.)
Agulnek, Harry, assignor to S. Mishcon, doing business as Supreme Knitting Machine Co., Brooklyn, N. Y. Knitting machine. 2,175,238; Oct. 10.
Agulnik, Walter, et al. (See Janzen, Otto, assignor.)
Ahearn, Clive D., Detroit, Mich. Battery cable connector. 2,184,807; Dec. 26.
Ahern, Edmund L., Charlestown, W. Va. Swing bolt action rifle. 2,147,185; Feb. 14.
Ahlberg, Henry B., Mattapan, assignor to Anderson Products, Incorporated, Cambridge, Mass. Baffle construction for air valves. 2,144,097; Jan. 17.
Ahler, Anthony, Lyons, Wis. Clutch control. 2,149,262; Mar. 7.
Ahlert, Wilhelm, Berlin-Tempelhof, Germany. Welding metals. 2,150,045; Mar. 7.
Ahlert, Wilhelm, Berlin-Tempelhof, Germany, assignor to Metal & Thermit Corporation, New York, N. Y. Preheating apparatus and method. 2,173,618; Sept. 19.
Ahles, George J., assignor to Fort Stanwix Manufacturing Co., Inc., Rome, N. Y. Bottle cap machine. 2,155,288; Apr. 18.
Ahlgren, Karl A., Philadelphia, Pa. Anchor bolt for boat motors. 2,142,878; Jan. 3.
Ahlmann, Nikolai, Fredriksberg near Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Burning cement and similar raw material. 2,143,905; Jan. 17.
Ahlmann, Nikolai, Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y. Process and apparatus for burning cement and similar materials. 2,148,052; Feb. 21.
Ahlman, Nikolai, Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y. Treating pulverulent material. 2,152,167; Mar. 28.
Ahlmann, Nikolai, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y. Sintering or calcining raw materials. 2,174,066; Sept. 26.
Ahne, Otto, assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Mueller & Co., Dresden, Germany. Machine for the manufacture of filters for cigarettes. 2,147,278; Feb. 14.
Ahnell, Karl J. (See Anderson, R. G., Ahnell, and Goldsmith.)
Ahrbecker, Harold L., Chicago, and S. S. Battles, Morrison, assignors to Borg-Warner Corporation, Chicago, Ill. Barrel chime construction. 2,146,925; Feb. 14.
Ahrens, Henry T., Charlotte, Tex. Cotton cleaning machine. 2,169,782; Aug. 15.
Ahrens-Fox Fire Engine Company, The. (See Fox, Charles H., assignor.)
Ahrndt, Arthur H., assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,168,612; Aug. 8.
Ahrndt, Arthur H., assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,177,470; Oct. 24.

Aicher, Alfred A., Wimbledon, London, England, assignor, by mesne assignments, to The M. W. Kellogg Company, Jersey City, N. J. Apparatus for controlling the temperature of exothermic reaction chambers. 2,148,670; Feb. 28.
Aichele, Ernest O. and E., Hillside, N. J. Machine for pegging lifts to shoe heels. 2,178,060; Oct. 31.
Aichele, Eugene. (See Aichele, Ernest O. and E.)
Aiello, Richard V., Wampum, Pa. Combined shade and curtain fixture. 2,184,134; Dec. 19.
Aigner, Viktor, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Synchronizing apparatus. 2,166,785; July 18.
Aiken, Charles B. (See McCutchen, B. S., and Aiken.)
Aiken, Charles B., La Fayette, Ind., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Space discharge type of apparatus. 2,149,328; Mar. 7.
Aiken, Thomas M., Pittsburgh, Pa. Camera. 2,168,893; Aug. 8.
Aikenhead, Stewart C., Euclid, assignor to Willard Storage Battery Company, Cleveland, Ohio. Storage battery venting means. 2,160,806; June 6.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,147,279; Feb. 14.
Aikman, Burton S., Wilkinsburg, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Compressor control system. 2,148,719; Feb. 28.
Aikman, Burton S., Wilkinsburg, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Fluid compressor. 2,151,825; Mar. 28.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Rail sanding device. 2,155,214; Apr. 18.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,160,189; May 30.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid compressor. 2,163,391; June 20.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Lubricating device. 2,170,228; Aug. 22.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Train brake mechanism. 2,170,229; Aug. 22.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic drain valve. 2,173,926; Sept. 26.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,174,395; Sept. 26.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,174,406; Sept. 26.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic drain valve. 2,177,510; Oct. 24.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Vehicle brake device. 2,177,511; Oct. 24.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Pressure governor. 2,180,856; Nov. 21.
Aikman, Burton S., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Motor mounting and belt tightener. 2,184,541; Dec. 26.
Ainsa, Dolores. (See Ainsa, George F., assignor.)
Ainsa, Dolores C. (See Ainsa, George F., assignor.)
Ainsa, George F., San Francisco, assignor of one-third to D. Ainsa, Berkeley, Calif. Attrition mill. 2,171,525; Sept. 5.
Ainsa, George F., San Francisco, assignor of five-eighths to D. C. Ainsa, Berkeley, Calif. Reduction mill. 2,171,526; Sept. 5.
Ainslee, Donald F. (See Hilborn, Walter S., assignor.)
Ainsworth, Albert A., Ossining, N. Y. Mounting for cards, photographs, and the like. 2,142,261; Jan. 3.
Ainsworth, Albert A., Ossining, N. Y. Album. 2,149,488; Mar. 7.
Ainsworth, Albert A., Ossining, N. Y. Album. 2,149,489; Mar. 7.
Ainsworth Dyeing Machine Company. (See Baldwin, William A., assignor.)
Ainsworth, George, New York, N. Y. Luminous bowl electric lighting fixture. 2,151,309; Mar. 21.
Ainsworth, George O., Detroit, Mich., assignor to Bendix Products Corporation, South Bend, Ind. Clutch control mechanism. 2,160,051; May 30.
Ainsworth Manufacturing Company. (See Potter, Albert T., assignor.)
Aircooled Motors Corporation. (See Doman, Carl T., assignor.)
Aircraft Screw Products Company. (See Caminez, Harold, assignor.)
Aircraftsings Limited. (See Brown, Francis V., assignor.)
Airdraulic Brake Corporation. (See Groves, Martin V., assignor.)
Air Equipment. (See Waseige, Charles R., assignor.)
Air Konditioning Company, The. (See Nagel, William F., assignor.)
Airmaster Corporation. (See Hueglin, Herman C., assignor.)
Airmatic Systems, Inc. (See Busch, Herman, assignor.)
Air-Maze Corporation. (See Glanzer, Clarence J., assignor.)
Airmobile Aircraft Company. (See Broome, Thorne K., assignor.)
Airplane & Marine Direction Finder Corporation. (See Hefele, Edward J., assignor.)
Airport Beacons, Inc. (See Bass, R. F., and Rives, assignors.)
Air Preheater Corporation, The. (See Karlsson, H., and Waitkus, assignors.)
Air Preheater Corporation, The. (See Karlsson, H., and Yerrick, assignors.)
Air Pressure Indicators, Inc. (See Edmonston, Allie, assignor.)
Air Reduction Company. (See Anderson, James L., assignor.)
Air Reduction Company. (See Balcar, Frederick R., assignor.)
Air Reduction Company. (See Deming, George M., assignor.)
Air Reduction Company. (See Metzger, Floyd J., assignor.)
Air Reduction Company. (See Rooke, R. M., and Saacke, assignors.)
Air Reduction Company. (See Schlitt, Joseph L., assignor.)
Air Reduction Company. (See Schmidt, Gustav H., assignor.)
Air Reduction Company. (See Smith, Donald L., assignor.)
Air Reduction Company. (See Tisza, E. E., and Tyrner, assignors.)
Air Reduction Company. (See Van Nuys, Claude C., assignor.)
Air Reduction Company. (See Walker, George L., assignor.)
Air-Way Electric Appliance Corporation. (See Dow, Dewey M., assignor.)
Air-Way Electric Appliance Corporation. (See Milner, B. C., Jr., and Riebel, assignors.)
Air-Way Electric Appliance Corporation. (See Riebel, Frederick, Jr., assignor.)
Air-Way Electric Appliance Corporation. (See Riebel, F., Jr., and Dow, assignors.)
Air-Way Electric Appliance Corporation. (See Welles, G. D., and Riebel, assignors.)
Aisch, Johannes, Falkensee, near Berlin, and H. Asmussen, Berlin-Steglitz, Germany, assignors to General Electric Company. Electric incandescent lamp and similar device. 2,145,105; Jan. 24.
Aitchison, Thomas C. (See Eby, E. D., and Aitchison.)
Aitken, Matthew, Brookline, Mass. Light for golf clubs. 2,158,211; May 16.
Aitken, Roger, Manhasset, New York, N. Y. Powder refill for compacts. 2,158,099; May 16.
Aizic, Iuliu, New York, N. Y. Powder container. 2,147,136; Feb. 14.
Ajax Electric Company. (See Adam, William, Jr., assignor.)
Ajax Electric Company Incorporated. (See Adam, William, Jr., assignor.)
Ajax Electrothermic Corporation. (See Kennedy, Theodore R., assignor.)
Ajax Manufacturing Company, The. (See Gaines, Frederick W., 3d., assignor.)
Ajello, Michael J., Melvindale, Mich. Piling mechanism for plate mills. 2,164,371; July 4.
Ajouelo, Davis J., Atlanta, and J. L. Moore, deceased, by S. A. Moore, Decatur, executrix, assignors to The Auto-Soler Company, Atlanta, Ga. Machine for making and inserting metallic fasteners. Re. 21,141; July 11.
Akans, William R., Homewood, Ala. Valve grinder. 2,142,595; Jan. 3.
Aken, James N., Rome, assignor to General Cable Corporation, New York, N. Y. Electrical cable. 2,181,084; Nov. 21.
Akerlind, Hilmer G. A. (See Frunk, O. E., and Åkerlind.)
Åkerlind, Hilmer G. A., St. Essingen, near Stockholm, Sweden. Pattern grading machine. 2,177,087; Oct. 24.
Akers, Charles W., Nashville, Tenn. Concrete slab construction. 2,154,390; Apr. 11.
Akeyson, Swan M., Long Beach, Calif. Reamer. 2,184,108; Dec. 19.
Akin, Daymond J., Akron, Ohio. Binder. 2,178,275; Oct. 31.
Akins, Roy W., Akron, Ohio. Adjustable support for buildings or the like. 2,181,163; Nov. 28.
Aklin, George H. (See Frederick, C. W., and Aklin.)
Aklin, George H., and F. E. Altman, assignors to Eastman Kodak Company, Rochester, N. Y. Lens. 2,165,328; July 11.
Akron Automatic Machine Company. (See Snyder, F. C., and Brown, assignors.)
Akron Brass Manufacturing Company. (See Schellin, J. C., Housekeeper, and Hunt, assignors.)
Akron Electrotype and Stereotype Co., The. (See Van Bolt, Albert C., assignor.)
Akron Standard Mold Company, The. (See Bostwick, Henry C., assignor.)
Akström, Herman, Stockholm, Sweden. Gasification burner with a cleansing device and a cut-off member. 2,181,014; Nov. 21.
Aktiebolaget Atlas Diesel. (See Thege, Edvin O. P., assignor.)

Aktiebolaget Atlas Diesel. (See Thege, E. O. P., and Julius, assignors.)
Aktiebolaget Bolinder-Munktell. (See Evrell, Kaleb E., assignor.)
Aktiebolaget Cevia. (See Weiertz, P. A. R., and Olsson, assignors.)
Aktiebolaget Defibrator. (See Asplund, Arne J. A., assignor.)
Aktiebolaget Elektrolux. (See Fagerberg, Sven, assignor.)
Aktiebolaget Formator. (See Dahlström, Ernst R., assignor.)
Aktiebolaget Formator. (See Dahlström, R., and Rothelius, assignors.)
Aktiebolaget Gerh. Arehns Mekaniska Verkstad. (See Danielsson. Paul, assignor.)
Aktiebolaget Gerh. Arehns Mekaniska Verkstad. (See Johnson, Bror A. E., assignor.)
Aktiebolaget Gerh. Arehns Mekaniska Verkstad. (See Örström, Gustaf, assignor.)
Aktiebolaget Imo-Industri. (See Montelius, Carl O. J., assignor.)
Aktiebolaget Linham. (See Frunk, O. E., and Åkerlind, assignors.)
Aktiebolaget Linham. (See Lindstedt, Gustaf A., assignor.)
Aktiebolaget Linham. (See Lindstedt, G. A., and Öhrn assignors.)
Aktiebolaget Ljungstroms Angturbin. (See Lysholm, Alf., assignor.)
Aktiebolaget Ljungstroms Angturbin. (See Lysholm, A., and Horney, assignors.)
Aktiebolaget Milo. (See Lysholm, Alf., assignor.)
Aktiebolaget, Nomy. (See Wallgren, August G. F., assignor.)
Aktiebolaget Nordiska Hovbeslaget. (See Nygaard, J. O., and Miöen, assignors.)
Aktiebolaget Radius. (See Johansson, John T., assignor.)
Aktiebolaget Rosenblads Patenter. (See Seifert, Werner, assignor.)
Aktiebolaget Spontan. (See Wettstein, Fritz A., assignor.)
Aktiebolaget Superior. (See Caspersson, Karl A., assignor.)
Aktiebolaget Svenska Kullagerfabrieken. (See Leufvén, Axel, assignor.)
Aktiebolaget Svenska Kullagerfabriken. (See Palmgren, Nils A., assignor.)
Aktiebolaget Svenska Kullagerfabrieken. (See Palmgren, Per G., assignor.)
Aktiebolaget Termisk Isolation. (See Munters, Carl G., assignor.)
Aktiebolaget Westerlin & Co. (See Danielsson, Yngve A. F., assignor.)
Aktiengesellschaft Brown Boveri & Cie. (See Haller, Arnold, assignor.)
Aktiengesellschaft Brown Boveri & Cie. (See Haller, A., and Thommen, assignors.)
Aktiengesellschaft Brown Boveri & Cie. (See Hürlimann, Max, assignor.)
Aktiengesellschaft Brown Boveri & Cie. (See Kern, Erwin, assignor.)
Aktiengesellschaft Brown Boveri & Cie. (See Kobel, Ernst, assignor.)
Aktiengessellschaft Brown, Boveri & Cie. (See Noack, W. G.. and Seippel, assignors.)
Aktiengesellschaft Brown, Boveri & Cie. (See Ruegg, Heinrich, assignor.)
Aktiengesellschaft Cilander. (See Hefti, Fridolin, assignor.)
Aktiengesellschaft Cilander. (See Zwicky, K., and Brunner, assignors.)
Aktiengesellschaft der Eisen- und Stohlwerke vormals Georg Fischer. (See Buss, Hans, assignor.)
Aktiengesellschaft für Glass industrie vorm. Friedr. Siemens. (See Schlösinger, Josef, assignor.)
Aktiengesellschaft für Stickstoffduenger. (See Lösch, Josef, assignor.)
Aktiengesellschaft fur Stickstoffdunger. (See Lösch, J., Walter, Behringer, and Schlottig, assignors.)
Aktiengesellschaft für Stickstoffdünger. (See Winter, E., Lückerath, and Windelband, assignors.)
Aktiengesellschaft für Stickstoffdünger. (See Winter, E., and Polack, assignors.)
Aktiengesellschaft für Technische Studien. (See Keller, Curt, assignor.)
Aktiengesellschaft Hermann Forster. (See Müller, Johann, assignor.)
Aktiengesellschaft vorm. Seidel & Naumann. (See Wohlfarth, Reinhard M., assignor.)
Aktieselskapet Krystal. (See Jeremiassen, Finn, assignor.)
Akwa Heaters, Inc. (See Moray, Virgil W., assignor.)
Alabama Asphaltic Limestone Company. (See Conzelman, Joseph H., assignor.)
Alabama Tractor and Plow Company. (See Stancil, Fred C., assignor.)
Alarie, Frank C., Miami, Fla. Internal combustion engine. 2,183,527; Dec. 19.
Alaska Freezer Co., The. (See Prichard, Warren H., assignor.)
Alba Pharmaceutical Company. (See Hahl, H., Taub, and Leuchs, assignors.)
Alba Pharmaceutical Company. (See Neugebauer, Wilhelm, assignor.)
Albach, Frank, assignor to Fred Medart Manufacturing Company, St. Louis, Mo. Latching mechanism. 2,144,136; Jan. 17.
Albach, Frank, and G. R. Chervenka, assignors to Fred Medart Manufacturing Company, St. Louis, Mo. Seating structure. 2,183,056; Dec. 12.
Albach, Frank, and G. R. Chervenka, assignors to Fred Medart Manufacturing Company, St. Louis, Mo. Seating structure. 2,183,057; Dec. 12.
Albano, Edmond P., Pelham Manor, N. Y. Speaker unit. 2,167,625; Aug. 1.
Albano, Michael W., Springfield, Mass. Portable photographing and developing camera. 2,176,000; Oct. 10.
Alben, Frank L. (See Brecht, W. A., and Alben.)
Alberga, Arnold E. and H. C., Hempstead, N. Y. Electric fuse and assembling same. 2,166,033; July 11.
Alberga, Henrie C. (See Alberga, Arnold E. and H. C.)
Alberg-Schönberg, Ernst, Berlin-Frohnau, assignor to Steatit-Magnesia Aktiengesellschaft, Berlin-Pankow, Germany. Electric insulator and making same. 2,165,819; July 11.
Albero, Andrew D., Delaware Gardens, N. J., assignor of one-half to I. M. Falk, Philadelphia, Pa. Pressing machine steam valve. 2,181,529; Nov. 28.
Albers, Gerhard H., assignor to Wincharger Corporation, Sioux City, Iowa. Impeller for wind-driven power apparatus. 2,161,444; June 6.
Albers, Milo H., Wichita, Kans. Panel board. 2,165,203; July 11.
Albersheim, Walter J., assignor to Electrical Research Products, Inc., New York, N. Y. Optical system. 2,142,297; Jan. 3.
Albersheim, Walter J., assignor to Electrical Research Products, Inc., New York, N. Y. Reproducing system. 2,143,400; Jan. 10.
Albersheim, Walter J., Great Neck, and W. J. Sette, Jackson Heights, Long Island, assignors to Electrical Research Products, Inc., New York, N. Y. Recording system. 2,157,880; May 9.
Albert, Gerard A., Kennett Square, Pa., assignor to National Vulcanized Fibre Company, Wilmington, Del. Insulation for electrical apparatus. 2,153,532; Apr. 11.
Albert, Sidney S., San Francisco, Calif. Soldering iron. 2,175,100; Oct. 3.
Albert Specialty Company. (See Moore, Francis, assignor.)
Albert, Suzanne A., San Diego, Calif. Adjustable treatment pad. 2,182,861; Dec. 12.
Albert, Wilhelm. (See Leitz, L., and Albert.)
Albert, Wilhelm, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Camera carrying case. 2,153,606; Apr. 11.
Albert, Wilhelm, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Shutter release mechanism. 2,173,991; Sept. 26.
Albertoli, John, San Francisco, Calif. Asparagus sorting machine. 2,155,378; Apr. 25.
Albertoli, John, San Francisco, Calif. Counter actuating mechanism. 2,177,088; Oct. 24.
Alberts, Arthur J., Chicago, Ill. Heading and trimming machine. 2,155,920; Apr. 25.
Albertson, Carl W., Chicago, Ill. Compressor. 2,169,131; Aug. 8.
Albertson & Company. (See Albertson, Frans O., assignor.)
Albertson & Company. (See Albertson, F. O., and Olsen, assignors.)
Albertson, Frank O., and G. A. Olsen, assignors to Albertson & Company, Inc., Sioux City, Iowa. Methods and compositions for spraying metal. 2,149,825; Mar. 7.
Albertson, Frank O., and G. A. Olsen, assignors to Albertson & Company, Inc., Sioux City, Iowa. Methods and compositions for spraying metal. 2,149,826; Mar. 7.
Albertson, Frans O., assignor to Albertson & Company, Inc., Sioux City, Iowa. Valve stem grinding fixture. 2,182,191; Dec. 5.
Albertson, Victor N., St. Louis Park, assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Tractor hitch. 2,155,379; Apr. 25.
Albihn, Harry F., et al. (See Blomquist, Uno O., assignor.)
Albin, Jeremiah W., Babylon, N. Y. Writing device. 2,153,032; Apr. 4.
Albin, Sydney J. (See Avonde, H. E., and Albin.)
Albin, Thomas C., Memphis, Tenn., assignor to Forest Products Chemical Company. Apparatus for extracting liquids with liquids. 2,154,144; Apr. 11.
Albinson, Harold H., assignor to General Motors Corporation, Detroit, Mich. Automobile storage compartment. 2,162,046; June 13.
Albion, Charles M., Dorchester, Mass., assignor to Providence Braid Co., Pawtucket, R. I. Reinforced fabric strip and making. 2,152,012; Mar. 28.
Albrecht, Alfred P. (See Hiatt, B. M., and Albrecht.)
Albrecht, Alfred P., assignor to The Irwin Auger Bit Company, Wilmington, Ohio. Handle for tool. 2,176,698; Oct. 17.
Albrecht, Carl. (See Wille, A., Albrecht, and Bonath.)

Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Weight counter-balancing mechanism for the magazines of matrix composing and line casting machines. 2,151,366; Mar. 21.
Albrecht, Christian A., Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Typographical composing machine and matrix therefor. 2,170,001; Aug. 22.
Albrecht, Christian A., Berlin, and H. Brandenburg, Berlin-Tempelhof, Germany, assignors to Mergenthaler Linotype Company, Brooklyn, N. Y. Typographical slug casting machine. 2,163,821; June 27.
Albrecht, Christian A., Berlin, and H. Brandenburg, Berlin-Tempelhof, Geormany, assignors to Mengenthaler Linotype Company, Brooklyn, N. Y. Typographical slug casting machines. 2,163,822; June 27.
Albrecht, Christian A., Berlin, and P. Sckrabei, Berlin-Lubars, Germany, assignors to Mergenthaler Linotype Company, Brooklyn, N. Y. Slug ejecting mechanism for typographical slug casting machines. 2,178,295; Oct. 31.
Albrecht, Hans. (See Long, H. J., and Albrecht.)
Albrecht, Otto, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Salts of dihexahydrocresyl sulphophthalates. 2,168,660; Aug. 8.
Albrecht, Otto, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Carboxylic acid esters of aromatic sulphocarboxylic acids with hydroxyalkylamides and making same. 2,169,515; Aug. 15.
Albrecht, Otto, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Softening textiles. 2,175,101; Oct. 3.
Albright, Cora C., Akron, Colo. Bobbie pin bracket. 2,150,957; Mar. 21.
Albright, Raymond W., assignor to American Anode Incorporated, Akron, Ohio. Making rubber strips. 2,170,441; Aug. 22.
Albright, Robert B. (See Bauer, B., and Albright.)
Alburger, James R., Merion, Pa., assignor to Radio Corporation of America. Photographic developer. 2,181,861; Dec. 5.
Alco Valve Company. (See Anderson, E. L., and Engalitcheff, assignors.)
Alco Valve Company. (See Shrode, John L., assignor.)
Alcoran, Mateo S., Honokaa, Hawaii. Electric switch. 2,185,071; Dec. 26.
Alcorn Combustion Company. (See Nash, A. E., and Shelly, assignors.)
Alcorn Combustion Company. (See Praeger, F. H., and Leech, assignors.)
Alcorn, Lester G., West Union, Iowa. Attachment for typewriters. 2,156,829; May 2.
Aldeborgh, Erik H., and A. H. Emery, assignors to Standard Gage Company, Inc., Poughkeepsie, N. Y. Combined surface gauge and comparator. 2,173,464; Sept. 19.
Aldeen, Gedor W., assignor to American Cabinet Hardware Corp., Rockford, Ill. Padlock. 2,148,226; Feb. 21.
Alden, Carroll R., Detroit, Mich., assignor to Ex-Cell-O Corporation. Fuel pump. 2,142,086; Jan. 3.
Alden, Carroll R., Detroit, Mich., assignor to Ex-Cell-O Corporation. Fluid distributor. 2,145,383; Jan. 31.
Alden, Carroll R., Detroit, Mich., assignor to Ex-Cell-O Corporation. Fluid distribution system. 2,145,640; Jan. 31.
Alden, Carroll R., Detroit, Mich., assignor to Ex-Cell-O Corporation. Metering pump. 2,156,933; May 2.
Alden, Carroll R., Detroit, Mich., assignor to Ex-Cell-O Corporation. Machine tool and hydraulic operating mechanism therefor. 2,158,060; May 16.
Alden, Herbert W., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Power transmitting device. 2,143,968; Jan. 17.
Alden, Herbert W., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Brake mechanism. 2,167,607; July 25.
Alden, Herbert W., and M. A. Powers, Detroit, Mich., assignors, by mesne assignments, to Timken-Detroit Axle Company. Oil burner. Re. 20,982; Jan. 24.
Alden, John H., and P. T. Stroup, New Kensington, Pa., and P. M. Budge, Fairfield, Conn., assignors to Aluminum Company of America, Pittsburgh, Pa. Making castings of aluminum and aluminum-base alloy. 2,160,812; June 6.
Alden, Milton, Brockton, Mass. Radio tube tap. 2,146,612; Feb. 7.
Alden, Milton, Brockton, Mass. Electrical connector. 2,163,771; June 27.
Alden, Milton, Brockton, Mass. Connector assembly. 2,168,382; Aug. 8.
Alden, Milton, Brockton, Mass. Tube shield. 2,182,607; Dec. 5.
Alder, William F., Altadena, Calif. Electrical apparatus for changing the length of and displacement of the optical axis in cinematography. 2,161,120; June 6.
Alder, William F., Altadena, assignor to F. E. Wood, Monrovia, Calif., as trustee. Electric hygrometer. 2,177,630; Oct. 31.
Alderfer, Sterling W., assignor, by mesne assignments, to The Firestone Tire & Rubber Company, Akron, Ohio. Rubber tape forming and separating apparatus. 2,154,371; Apr. 11.
Alderfer, Sterling W., assignor of one-half to E. D. Andrews, Akron, Ohio. Electrical conductor and insulating material therefor. 2,164,981; July 4.
Alderfer, Sterling W., Akron, Ohio. Food product and making the same. 2,166,278; July 18.
Alderman, Fred, Petersborough, England. Clock-driven indicator. 2,170,743; Aug. 22.
Aldham, Thomas E. (See Wilkinson, J. W., Morgan, and Aldham.)
Aldhizer, George S. (See Fawley, Granville B., assignor.)
Aldinger, Gustave F., assignor to Eastman Kodak Company, Rochester, N. Y. Loop-forming mechanism for motion-picture machines. 2,172,235; Sept. 5.
Aldrich, John G., assignor to New England Butt Company, Providence, R. I. Braiding machine. 2,158,266; May 16.
Aldridge, Blair G. (See Gard, E. W., and Aldridge.)
Aldridge, Blair G., and E. G. Ragatz, assignors to Union Oil Company of California, Los Angeles, Calif. Distillation. 2,151,310; Mar. 21.
Aldridge, Blair G., and E. G. Ragatz, assignors to Union Oil Company of California, Los Angeles, Calif. Distillation. 2,160,256; May 30.
Aldridge, Frank D. (See Brown, J. P., and Aldridge.)
Aldworth, Edward L., Grand Rapids, Mich. Thermostatic control. 2,181,957; Dec. 5.
Alenius, Nils R., Saynatsalo, Finland. Making plywood joints and repairs. 2,175,654; Oct. 10.
Alessandroni, Hugh. (See Work, L. T., and Alessandroni.)
Alessandroni, Hugh V., assignor to National Lead Company, New York, N. Y. Preparation of titanium dioxide pigments. 2,167,626; Aug. 1.
Alessandroni, Hugh V., assignor to National Lead Company, New York, N. Y. Beneficiating titanium-bearing siliceous minerals. 2,167,627; Aug. 1.
Alessandroni, Hugh V., assignor to National Lead Company, New York, N. Y. Preparation of titanium dioxide pigments. 2,167,628; Aug. 1.
Alessandroni, Hugh V., assignor, by mesne assignments, to National Lead Company, New York, N. Y. Preparation of composite pigments. 2,176,875; Oct. 24.
Alessandroni, Hugh V., assignor, by mesne assignments, to National Lead Company, New York, N. Y. Preparation of composite pigments. 2,176,876; Oct. 24.
Alessandroni, Hugh V., assignor, by mesne assignments, to National Lead Company, New York, N. Y. Preparation of composite pigments. 2,176,877; Oct. 24.
Alexander, Albert N., Brookline, Mass., assignor to Ton-Tex Corporation, Grand Rapid, Mich. Portable belt vulcanizer. 2,184,630; Dec. 26.
Alexander, Arthur H., San Pedro, Calif. Boat construction. 2,150,958; Mar. 21.
Alexander, Arthur S., New York, N. Y., assignor, by mesne assignments, to Monarch Governor Company, Detroit, Mich. Vehicle accessory. 2,161,771; June 6.
Alexander, Claude H., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polyvinyl halide compositions. 2,174,545; Oct. 3.
Alexander, Claude H., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Plasticizer. 2,175,048; Oct. 3.
Alexander, Claude H., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polyvinyl halide compositions. 2,175,049; Oct. 3.
Alexander, Claude H., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Polyvinyl halide compositions. 2,179,973; Nov. 14.
Alexander, Clive M., Louisville, Ky. Method and apparatus for heating oils. 2,177,296; Oct. 24.
Alexander, Donald D. (See Carus, V. F., and Alexander.)
Alexander, Donald F. (See Candor, R. R., and Alexander.)
Alexander, Edith F., Haverford, Pa. Article of apparel. 2,154,059; Apr. 11.
Alexander, Elias, London, England. Printing medium. 2,179,168; Nov. 7.
Alexander, Elmo E., New Albany, Ind. Bendable panel. 2,142,771; Jan. 3.
Alexander, Elmo E., New Albany, Ind. Veneer bend. 2,181,164; Nov. 28.
Alexander, Eugene L. (See Freedman, David, assignor.)
Alexander, Grover C., Chicago, Ill. Automobile door handle. 2,160,611; May 30.
Alexander, Harold M., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Non-reflecting window. 2,172,184; Sept. 5.
Alexander, Harry, New York, N. Y. Holder for crossword puzzles. 2,168,551; Aug. 8.
Alexander, Henry L., Wilmington, H. I. du Pont, Rockland, Del., and W. B. Foulke, Media, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Method of and apparatus for isolating minerals. 2,150,899; Mar. 21.
Alexander, Henry L., Niagara Falls, N. Y., H. I. du Pont, Rockland, Del., and W. B. Foulke, Media, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Method of and apparatus for isolating minerals. 2,151,578; Mar. 21.
Alexander, Horace W., assignor to American Sterilizer Company, Erie, Pa. Surgical operating luminaire. 2,173,325; Sept. 19.
Alexander, James N., Birmingham, Ala. Saw handle. 2,155,110; Apr. 18.

Alexander, Johan W., and H. Rinia, Eindhoven, Netherlands, assignors to Radio Corporation of America. Antenna system. Re. 21,157; July 25.
Alexander, John M., Lincoln, Nebr. Automatic liquid vender. 2,168,552; Aug. 8.
Alexander, Lee L. (See Holt, L. C., and Alexander.)
Alexander, Lewis, Clinton, Ill. Railroad crossing. 2,152,857; Apr. 4.
Alexander, Norris J., Algona, Iowa. Hitch. 2,158,316; May 16.
Alexander, Paul, and A. de Dáni, Huyton, England; said de Dáni assignor to said Alexander. Process and apparatus for thermal deposition of metals. 2,153,786; Apr. 11.
Alexander, Peter P., assignor to Metal Hydrides Inc., Marblehead, Mass. Production of alloys. 2,163,224; June 20.
Alexander, Peter P., Marblehead, assignor to Metal Hydrides Inc., Clifton, Mass. Welding. 2,168,185; Aug. 1.
Alexander, Peter P., assignor to Metal Hydrides, Inc., Marblehead, Mass. Zirconium magnetic alloy. 2,184,769; Dec. 26.
Alexander, Samuel H., et al. (See Vanderpool, Earl L., assignor.)
Alexander, Spangler L., Shirleysburg, Pa. Pitch determining device. 2,183,902; Dec. 19.
Alexander, Taylor, Los Angeles, Calif. Dispenser. 2,151,064; Mar. 21.
Alexander, Walter R., Seattle, Wash. Dehydrating an emulsion. 2,168,309; Aug. 8.
Alexander, William H., Klamath Falls, Oreg. Folding reach. 2,151,343; Mar. 21.
Alexander, William J., Carthage, Mo. Draft connection between vehicles. 2,167,792; Aug. 1.
Alexander, William M., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,148,420; Feb. 28.
Alexander, William M., Johannesburg, Transvaal, South Africa, assignor to Sullivan Machinery Company. Chuck mechanism for broaching steel. 2,172,782; Sept. 12.
Alexanderson, Ernst F. W., Schenectady, N. Y., assignor to General Electric Company. Course guiding system. 2,184,267; Dec. 26.
Alexandersson, Harald V., and E. W. Hullegård, assignors to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Telephone system with two-party lines. 2,164,691; July 4.
Alexandersson, Harald V., and O. G. R. Siewert, assignors to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Telephone system having two-party lines. 2,167,288; July 25.
Alexanderwerk A. Von Der Nahmer, Aktiengesellschaft. (See Scherbaum, Bernhard, assignor.)
Alexandrescu, Alexander M., Cleveland, Ohio. Lubricating piston skirt construction. 2,147,956; Feb. 21.
Alexandrou, Constantine, Brooklyn, N. Y. Ice cream machine. 2,142,879; Jan. 3.
Alexay, Adalbert, Schenectady, N. Y., assignor to General Electric Company. Kitchen waste unit. 2,156,075; Apr. 25.
Alexay, Adalbert, Schenectady, N. Y., assignor to General Electric Company. Waste disposal apparatus. 2,166,786; July 18.
Alfa Machine Company. (See Laukhuff, Alfred, assignor.)
Alfaro, Heraclio, Boston, Mass. Engine cylinder. 2,147,186; Feb. 14.
Alfaro, Heraclio, Boston, Mass. Wobbler actuating piston for barrel engines. 2,157,586; May 9.
Alfol Insulation Company. (See Scott, Roy J., assignor.)
Alfol Insulation Company. (See Sibley, L. T., and Scott, assignors.)
Alford, Andrew, assignor to Mackay Radio and Telegraph Company, New York, N. Y. Directional antenna. 2,147,806; Feb. 21.
Alford, Andrew, assignor to Mackay Radio and Telegraph Company, New York, N. Y. Transmission line. 2,147,807; Feb. 21.
Alford, Andrew, assignor to Mackay Radio and Telegraph Company, New York, N. Y. Antenna. 2,147,808; Feb. 21.
Alford, Andrew, assignor to Mackay Radio and Telegraph Company, New York, N. Y. High frequency bridge circuits and high frequency repeaters. 2,147,809; Feb. 21.
Alford, Andrew, San Mateo, Calif., assignor to Mackay Radio & Telegraph Company, New York, N. Y. Determining distance by means of radiated wares. 2,147,810; Feb. 21.
Alford, Andrew, assignor to Mackay Radio and Telegraph Company, New York, N. Y. Antenna. 2,159,646; May 23.
Alford, Andrew, assignor to Mackay Radio and Telegraph Company, New York, N. Y. Diversity transmission. 2,159,647; May 23.
Alford, Andrew, assignor to Mackay Radio and Telegraph Company, New York, N. Y. Transmission modifying network. 2,159,648; May 23.
Alford, Andrew, San Mateo County, Calif., assignor to Mackay Radio & Telegraph Company, New York, N. Y. Circuit arrangement for reducing transients. 2,159,649; May 23.
Alford, Andrew, assignor to Mackay Radio and Telegraph Company, New York, N. Y. Matching network. 2,165,086; July 4.
Alford, Andrew, assignor to Mackay Radio and Telegraph Company, New York, N. Y. Aperiodic transformer system. 2,165,087; July 4.
Alford, Andrew, assignor to Mackay Radio and Telegraph Company, New York, N. Y. Antenna. 2,167,735; Aug. 1.
Alford, Andrew, San Mateo, Calif., assignor to Mackay Radio & Telegraph Company, New York, N. Y. Aperiodic transformer. 2,170,626; Aug. 22.
Alford, Andrew, assignor to Mackay Radio and Telegraph Company, New York, N. Y. Directional antenna system. 2,177,415; Oct. 24.
Alford, Andrew, San Mateo, Calif., assignor to Mackay Radio & Telegraph Company, New York, N. Y. Short wave antenna system. 2,177,416; Oct. 24.
Alframine Corporation. (See Mauersberger, Ernst A., assignor.)
Alfred, Theodore C., Lancaster, Ohio. Rotary hammer mill. 2,172,096; Sept. 5.
Algarsson, Grettir, Montreal, Quebec, Canada. Supercharger. 2,142,596; Jan. 3.
Algarsson, Grettir, Montreal, Quebec, Canada. Pressure governed control device. 2,179,775; Nov. 14.
Algemeene Vereeniging Van Rubberplanters Ter Oostkust Van Sumatra. (See Van Harpen, Nicolaas H., assignor.)
Algin Corporation of America. (See Le Gloahec, Victor C. E., assignor.)
Algonquin Coupling Company. (See Bruce, David F., assignor.)
Alice, Francesco, Omegna, Italy. Process and device for the reproduction of designs on printing plates by means of photoelectrically controlled gravers. 2,160,951; June 6.
Alink, Roelof J. H. (See Dippel, C. J., Alink, and Keuning.)
Alink, Roelof J. H., and J. Aninga, assignors to N. V. Philips' Gloeilampenfabriken, Eindhoven, Netherlands. Method and device for developing. 2,172,783; Sept. 12.
Alink, Roelof J. H., and J. H. de Boer, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Light-sensitive layer and making same. 2,178,771; Nov. 7.
Alison, Noah L., assignor to American Blower Corporation, Detroit, Mich. Interrupted core ring coupling. 2,167,382; July 25.
Alkaliwerke Westergeln G. m. b. H. (See Gewecke, Fritz, assignor.)
Alkan, Robert, Paris, France. Gyroscope. 2,159,118; May 23.
Alkan, Robert, Paris, France. Controlling apparatus. 2,163,724; June 27.
Alkan, Robert, Paris, France. Sighting apparatus with automatic correction. 2,183,530; Dec. 19.
Alker, Hayward R., Kensington, Conn. Fire alarm. 2,159,650; May 23.
Alkio, Viljo V., Helsinki, Finland. Process and apparatus for treatment of diseased obstruction of the lacrymal ducts. 2,154,968; Apr. 18.
All America Cables, Incorporated. (See Henderson, Forest L., assignor.)
Allan, Benjamin W., Baltimore, Md. Seeding titanium salt solutions. 2,143,530; Jan. 10.
Allan, Benjamin W., Baltimore, Md. Seeding agent for titanium salt solution. 2,143,850; Jan. 17.
Allan, Benjamin W., assignor to American Zirconium Corporation, Baltimore, Md. Accelerated hydrolysis of titanium salt solutions. 2,143,851; Jan. 17.
Allan, Benjamin W., and L'R. G. Bousquet, assignors to American Zirconium Corporation, Baltimore, Md. Making titanium dioxide. 2,182,420; Dec. 5.
Allan, Frederick W., Batavia, N. Y. Excavating machinery. 2,144,698; Jan. 24.
Allan, Henry E., Stockton, assignor of one-half to C. D. Hahnemann, San Francisco, Calif. Self-measuring dispenser. 2,148,421; Feb. 28.
Allan, Stephen G., Kansas City, Kans. Shirt board. 2,184,374; Dec. 26.
Allan, William, Jr. (See Phillips, A. H., and Allan.)
Allard, Arthur R., Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Manufacturing turbine diaphragms. 2,143,462; Jan. 10.
Allard, Arthur R., Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Apparatus for attaching turbine blades. 2,143,463; Jan. 10.
Allard, Arthur R., Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Manufacturing turbine diaphragms. 2,143,464; Jan. 10.
Allard, Arthur R., Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine diaphragm. 2,143,465; Jan. 10.
Allard, Arthur R., Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine apparatus. 2,143,466; Jan. 10.
Allard, Arthur R., Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine diaphragm. 2,143,467; Jan. 10.
Allard, Arthur R., Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic welding. 2,149,490; Mar. 7.

Allard, Arthur R., Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Flux for automatic welding apparatus. 2,149,491; Mar. 7.

Allardice, Thomas B., Mountain Lakes, N. J. Separating method and apparatus. 2,182,862; Dec. 12.

Alibright-Nell Co., The. (See Reynoldson, Roland G., assignor.)

Allegemeine Elektricitatz Gesellschaft. (See Klutke, Fritz, assignor.)

Allegheny Ludlum Steel Corporation. (See Batcheller, Clements, assignor.)

Allegheny Ludlum Steel Company. (See Browne, V. B., and Caugherty, assignors.)

Allegheny Ludlum Steel Corporation. (See Clements, MacMillan, assignor.)

Allegheny Steel Company. (See Browne, Vere B., assignor.)

Allegheny Steel Company. (See Taylor, John R., assignor.)

Allegri, Charles. (See Dilger, J. B., and Allegri.)

Allen, Albert, Sharon, assignor to The Foxboro Company, Foxboro, Mass. Stuff gate control. 2,180,656; Nov. 21.

Allen, Albert J., Brooklyn, N. Y., assignor to Metropolitan Device Corporation. Meter cabinet. 2,156,672; May 2.

Allen, Albert J., Brooklyn, N. Y., assignor to Metropolitan Device Corporation. Hinge construction. 2,170,614; Aug. 22.

Allen, Alfred C., Washington, D. C. Case with adjustable partitions. 2,175,949; Oct. 10.

Allen, Bona, Jr., Buford, Ga. Shoe. 2,168,948; Aug. 8.

Allen-Bradley Company. (See Foster, B. N., and Fisher, assignors.)

Allen-Bradley Company. (See Wilms, Gustav O., assignor.)

Allen-Bradley Company. (See Wood, H. M., and Fisher, assignors.)

Allen, Charles H., Independence, Mo. Traction fixation appliance for facial bones. 2,151,458; Mar. 21.

Allen, Charles S., Bakersfield, Calif. Garment bagging apparatus. 2,144,907: Jan. 24.

Allen, Clarence W., San Francisco, Calif. Propelling mechanism. 2,158,349; May 16.

Allen, Clyve, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Making nitrite esters of polyhydroxy aliphatic compounds. 2,166,698; July 18.

Allen, E. O., assignor of one-half to O. Allen, McHenry, Ky. Electrical connector. 2,183,179; Dec. 12.

Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Interlocking control apparatus. 2,149,202; Feb. 28.

Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,159,515; May 23.

Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,175,586; Oct. 10.

Allen, Earl M., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,176,866; Oct. 24.

Allen, Earl M., Swissvale, and H. S. Young, Wilkinsburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,148,005; Feb. 21.

Allen, Earl M., Swissvale, and H. A. Thompson, Edgewood, assignors to The Union Switch & Signal Company, Swissvale, Pa. Interlocking control apparatus. 2,184,787; Dec. 26.

Allen, Edmund H., Orlando, Fla. Harvester bag. 2,158,999; May 23.

Allen, Edward L., Tampa, Fla. Animal trap. 2,163,577; June 27.

Allen, Elbert W., Belgium, Wis. Shoe. 2,147,416; Feb. 14.

Allen, Elbert W., Belgium, Wis. Shoe. 2,166,204; July 18.

Allen, Eugene. (See Lalor, F. S., and Allen.)

Allen, Everett W., Bridgeport, Conn. Automatic cigarette lighter and dispenser. 2,182,955; Dec. 12.

Allen, Frank M., Summit, N. J., assignor to Congoleum-Nairn Inc. Flexible smooth surface rug and making same. 2,184,970; Dec. 26.

Allen, Frank M., Summit, N. J., assignor to Congoleum-Nairn Inc. Flexible smooth surface rug and making same. 2,184,971; Dec. 26.

Allen, Fred L., Houston, Tex. Fluid injector. 2,148,671; Feb. 28.

Allen, George A., Denver, Colo. Rail wetting device for railroads. 2,184,969; Dec. 26.

Allen, George M., Swarthmore, and H. J. McDermott, Prospect Park, Pa., assignors, by mesne assignments, to American Viscose Corporation. Rayon spinning pump. 2,142,597; Jan. 3.

Allen, George W., assignor to B. F. Sturtevant Company, Boston, Mass. Gas producer control. 2,153,057; Apr. 4.

Allen, Harold D., assignor to The Gong Bell Manufacturing Company, East Hampton, Conn. Toy. 2,176,832; Oct. 17.

Allen, Harold D., assignor to The Gong Bell Manufacturing Company, East Hampton, Conn. Toy. 2,180,623; Nov. 21.

Allen, Harold F. (See Olson, G. H., Schoelm, and Allen.)

Allen, Harold F., assignor to Link-Belt Company, Chicago, Ill. Removable accumulator. 2,170,890; Aug. 29.

Allen, Harry B., Rochester, assignor to Schaefer Mounters, Inc., Webster, N. Y. Preparing paper for bending. 2,173,927; Sept. 26.

Allen, Herbert. (See Abercrombie, J. S., and Allen.)

Allen, Herbert, assignor to J. S. Abercrombie, Houston, Tex. Inside pipe cutter. 2,175,372; Oct. 10.

Allen, Herbert, Houston, Tex., assignor to Abercrombie Pump Company. Liquid pressure adjustable relief valve. 2,179,003; Nov. 7.

Allen, Herbert, assignor to Abercrombie Pump Company, Houston, Tex. Slip. 2,184,231; Dec. 19.

Allen, Herbert I., deceased, Portland, Maine; E. W. Freeman, executor. Electrolytic cell. 2,149,004; Feb. 28.

Allen, Horace C. (See Grundmann, G. L., and Allen.)

Allen, Horace R. (See Dodge, A. Y., and Allen.)

Allen, Hugh E., assignor of one-half to A. G. McCaleb, Evanston, Ill. Method and compound for treating meats. 2,162,047; June 13.

Allen, Hugh E., assignor of one-half to A. G. McCaleb, Evanston, Ill. Base, or emulsifying vehicle, for flavoring agents. 2,165,828; July 11.

Allen, Hugh E., assignor of one-half to A. G. McCaleb, Evanston, Ill. Curing meats. 2,173,992; Sept. 26.

Allen, Inga C., Wilkinsburg, Pa. Wearing apparel. 2,159,119; May 23.

Allen, Isador R. (See McKenzie, Daniel E., assignor.)

Allen Innovations. (See Cerqua, Millie, assignor.)

Allen, James L. (See Stinson, Lyman A., assignor.)

Allen, James W., Chicago, Ill. Indicator. 2,176,372; Oct. 17.

Allen, John L., Dorchester, assignor to E. B. Badger & Sons Company, Boston, Mass. Boiling cap plate for fractionating columns. 2,142,231; Jan. 3.

Allen, John L., Dorchester, assignor to E. B. Badger & Sons Company, Boston, Mass. Making boiling cap plates for fractionating columns. 2,142,598; Jan. 3.

Allen, Joseph J., Allendale, S. C. Mechanical mopper for insecticides. 2,153,907; Apr. 11.

Allen, Joseph W. (See Lansing, R. P., and Allen.)

Allen, Joseph W., assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting apparatus. 2,150,594; Mar. 14.

Allen, Joseph W., assignor to Eclipse Aviation Corporation. East Orange, N. J. Electrical apparatus. 2,159,120; May 23.

Allen, Joseph W., assignor to Eclipse Aviation Corporation, East Orange, N. J. Driving mechanism. 2,184,032; Dec. 19.

Allen, Joseph W., East Orange, and H. W. Graybrook, Roselle Park, assignors to Eclipse Aviation Corporation, East Orange, N. J. Power control. 2,168,921; Aug. 8.

Allen, Lawrence H., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling device. 2,151,726; Mar. 28.

Allen, Louis M., Dongan Hills, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,144,866; Jan. 24.

Allen, Morris C., Mercedes, and R. G. Shelley, Donna, Tex. Elastic pipe joint. 2,170,181; Aug. 22.

Allen, Myron B., Conneaut, Ohio. Track gauge. 2,175,655; Oct. 10.

Allen, Oscar. (See Allen, Estil O., assignor.)

Allen, Raymond H., et al. (See Conger, Earnest J., assignor.)

Allen, Raymond W., and T. A. Te Grothenhuis, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Fabric testing apparatus. 2,157,092; May 9.

Allen, S. L., & Co. (See Bowen, J. M., and Birkhead, assignors.)

Allen, Scott E., Glen Ridge, and J. E. Rennert, Springfield, assignors to C-O-Two Fire Equipment Company, Newark, N. J. Safety sealing means for fire extinguishing systems. 2,183,208; Dec. 12.

Allen, Sherman T., Los Angeles, Calif. Lock and latch. 2,167,736; Aug. 1.

Allen, Victor O., Madison, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Cathode for electron discharge devices. 2,144,249; Jan. 17.

Allen, Victor O., Madison, and J. Johnson, Newark, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Cathode for electron discharge devices. 2,144,250; Jan. 17.

Allen, Wallace T. (See Jackson, J. G., and Allen.)

Allen, Wallace T., Royal Oak, assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,158,317; May 16.

Allen, Wallace T., Royal Oak, and O. Maseng, assignors to Square D Company, Detroit, Mich. Flexible lead connection. 2,166,333; July 18.

Allen, Walter J., Salina, Kans. Governor mechanism. 2,148,921; Feb. 28.

Allen, Willard W., Augusta, Ill. Rodent trap. 2,169,783; Aug. 15.

Allen, William C., Houston, Tex. Collapsible tube dispenser. 2,168,080; Aug. 1.

Allen, William G., Salem, Oreg. Apparatus for handling fruits. 2,162,415; June 13.

Allen, William W., Beverly Hills, Calif. Match book making machine. 2,158,350; May 16.

Allensworth, Harry R., Columbus, Ohio. Portable electric communication network. 2,168,310; Aug. 8.

Allensworth, Harry R., Columbus, Ohio. Electric communication system. 2,177,512; Oct. 24.
Aller, Willis F. (See Poock, L. F., and Aller.)
Aller, Willis F., assignor to The Sheffield Gage Corporation, Dayton, Ohio. Motion transmitting mechanism. 2,177,398; Oct. 24.
Aller, Willis F., assignor to The Sheffield Gage Corporation, Dayton, Ohio. Measuring instrument. 2,177,399; Oct. 24.
Allerding, Alfred. (See Dällenbach, W., and Allerding.)
Alles, Francis P., Buffalo, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing a cellulosic structure. 2,144,356; Jan. 17.
Alles, Fred W., Glassport, and F. N. Sarber, McKeesport, Pa., assignors to National Tube Company. Conditioning metal stock while in transit. 2,157,313; May 9.
Alles, Gordon A., Los Angeles, Calif. Medicinal agent. 2,181,845; Nov. 28.
Alley, Russel E., assignor of one-third to F. N. Earl, Austin, and one-third to B. J. Porter, Albert Lea, Minn. Automatic control for vehicle headlights. 2,150,900; Mar. 21.
Alley, Stephen, London, England, assignor of one-half to American Machine & Foundry Company, New York, N. Y. Filter tip for cigarettes. 2,159,121; May 23.
Allgaier, Earl L., assignor to American Automobile Association, Inc., Washington, D. C. Apparatus for testing the operation of vehicle brakes. 2,177,312; Oct. 24.
Allgemeine Elektricitats Gesellschaft. (See Bruche, E., and Schaffernicht, assignors.)
Allgemeine Elektricitats Gesellschaft. (See Daene, Herbert, assignor.)
Allgemeine Elektricitats Gesellschaft. (See Dobke, Guenther, assignor.)
Allgemeine Elektricitats-Gesellschaft. (See Heimann, Walter, assignor)
Allgemeine Elektricitats Gesellschaft. (See Henneberg, W., and Recknagel, assignors.)
Allgemeine Elektricitate Gesellschaft. (See Tischner, H., Flurl, and Wessels, assignors.)
Allgemeine Elektricitats-Gesellschaft. (See Treschau, Edwin, assignor.)
Allgemiene Elektricitats Gesellschaft. (See Wiegand, Erich, assignor.)
Allgemeine Elektricitats Gesellschaft. (See Wohlfarth, Otto, assignor.)
Allgemeine Elektricitats Gesellschaft. (See Wohlfarth, O., and de Niem, assignors.)
Allgemeine Elektricitätz Gesellschaft. (See Andreatta, Alfons, assignor.)
Allgemeine Elektricitatz Gesellschaft. (See Beyerle, Konrad, assignor.)
Allgemeine Elektricitatz Gesellschaft. (See Schulze, Walter, assignor.)
Allgemeine Elektricitatz Gesellschaft. (See Strache, A., and Klawun, assignors.)
Allgemeine Elektricitatz Gesellschaft. (See Wohlfarth, O., and Patzschke, assignors.)
Allgemeine Elektricitatz Gesellschaft, Friedrich Karl. See Henneberg, Walter, assignor.)
Allgemeine Elektricitats-Gesellschaft Friedrich Karl. (See Henneberg, W., and Recknagel, assignors.)
Allgemeine Elektricitats Gesellschaft Friedrich Karl. (See Klutke, Fritz, assignor.)
Allgemeine Elektricitats-Gesellschaft. (See Orthuber, R., and Steudel, assignors.)
Alliance Machine Company, The. (See Harry, Robert J., assignor.)
Alliance Machine Company, The. (See Joliet, Maurice A., assignor.)
Allied Engineering Company. (See Grange, E. A., Kaptuller, and Schmidt, assignors.)
Allied Engineering Company. (See Grange, E. A., and Schmidt, assignors.)
Allied Ironfounders Limited. (See Scott, Charles L., assignor.)
Allied Products Corporation. (See Richard, Clement C., assignor.)
Allin, George S., Seattle, Wash. Hydraulic system. 2,145,384; Jan. 31.
Allin, George S., Seattle, Wash. Bulldozer. 2,167,166; July 25.
Allin, George S., Seattle, Wash. Anchor. 2,170,889; Aug. 29.
Alling, E. Roy, Kenmore, N. Y. Cover handling device. 2,147,477; Feb. 14.
Alling, E. Roy, Kenmore, N. Y. Emptying device and method. 2,159,000; May 23.
Allingham, John, assignor of one-half to W. N. Rossberg, Los Angeles, Calif. Treatment of ores and tailings. 2,173,090; Sept. 19.
Allis-Chalmers Manufacturing Company. (See Bohn, D. L., and Marti, assignors.)
Allis-Chalmers Manufacturing Company. (See Brenneis, L., Najera, and Schuck, assignors.)
Allis-Chalmers Manufacturing Company. (See Dortort, Isadore K., assignor.)
Allis-Chalmers Manufacturing Company. (See Flamm, Joseph, assignor.)
Allis-Chalmers Manufacturing Company. (See Fodor, Nicholas, assignor.)
Allis-Chalmers Manufacturing Company. (See Frudden, Conrad E., assignor.)
Allis-Chalmers Manufacturing Company. (See Greer, Edward R., assignor.)
Allis-Chalmers Manufacturing Company. (See Hill, Leland H., assignor.)
Allis-Chalmers Manufacturing Company. (See Howe, Ramon R., assignor.)
Allis-Chalmers Manufacturing Company. (See Jarmin, James B., assignor.)
Allis-Chalmers Manufacturing Company. (See Journeaux, Didier, assignor.)
Allis-Chalmers Manufacturing Company. (See Journeaux, D., and Durand, assignors.)
Allis-Chalmers Manufacturing Company. (See Kaegi, Emil M., assignor.)
Allis-Chalmers Manufacturing Company. (See Kollberg, G. L., and Shaw, assignors.)
Allis-Chalmers Manufacturing Company. (See Larson, Harry W., assignor.)
Allis-Chalmers Manufacturing Company. (See Lincoln, C. S., Hahn, and Rockafield, assignors.)
Allis-Chalmers Manufacturing Company. (See McCoy, James P. A., assignor.)
Allis-Chalmers Manufacturing Company. (See Montgomery, Terryl B., assignor.)
Allis-Chalmers Manufacturing Company. (See Newhouse, Ray C., assignor.)
Allis-Chalmers Manufacturing Company. (See Norelius, Emil F., assignor.)
Allis-Chalmers Manufacturing Company. (See Ring, Joseph J., assignor.)
Allis-Chalmers Manufacturing Company. (See Shaeffer, George D., assignor.)
Allis-Chalmers Manufacturing Company. (See Sillers, Thomas G. A., assignor.)
Allis-Chalmers Manufacturing Company. (See Sillers, T. G. A., and Michael, assignors.)
Allis-Chalmers Manufacturing Company. (See Stein, Harold J., assignor.)
Allis-Chalmers Manufacturing Company. (See Stern, A. F., and Hanners, assignors.)
Allis-Chalmers Manufacturing Company. (See Stivender, Edward H., assignor.)
Allis-Chalmers Manufacturing Company. (See Stivender, Paul M., assignor.)
Allis-Chalmers Manufacturing Company. (See Winograd, Harold, assignor.)
Allison, Charles F., assignor to Bag Closing Machine Corporation, Chicago, Ill. Bag closing machine. 2,154,715; Apr. 18.
Allison, Donald K., Beverly Hills, Calif., assignor to Detracolor Ltd. Photographic film and treating same. 2,151,065; Mar. 21.
Allison, Donald K., Beverly Hills, Calif., assignor to Detracolor, Ltd. Color photography. 2,161,735; June 6.
Allison Donald K., Beverly Hills, assignor to National Technical Laboratories, Pasadena, Calif. pH comparators and producing same. 2,172,352; Sept. 12.
Allison, Donald K., Beverly Hills, assignor to National Technical Laboratories, Pasadena, Calif. pH meter. 2,183,531; Dec. 19.
Allison, Elton R., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Progressive-burning smokeless powder. 2,179,312; Nov. 7.
Allison, Elton R., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Progressive-burning smokeless powder. 2,179,313; Nov. 7.
Allison, Elton R., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Progressive-burning smokeless powder. 2,179,314; Nov. 7.
Allison, Elton R., Wharton, N. J., assignor to Hercules Powder Company, Wilmington, Del. Progressive-burning smokeless powder. 2,179,315; Nov. 7.
Allison, George W., St. Albans, N. Y., assignor to Mergenthaler Linotype Company. Justifying spaceband. 2,151,367; Mar. 21.
Allison, John J., Chandler, and I. F. Collier, Tempe, Ariz. Machine for leveling land and forming borders. 2,153,446; Apr. 4.
Allison, John R., Whittier, Calif. Aqueous vehicle having emulsifying properties. 2,162,906; June 20.
Allison, John R., Whittier, assignor, by mesne assignments, to Union Oil Company of California, Los Angeles, Calif. Spray oil composition. 2,162,904; June 20.
Allison, John R., Whittier, Calif. Aqueous vehicle for plant spraying materials. 2,162,905; June 20.
Allison, Leslie R., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Train control system. 2,160,669; May 30.
Allison, Miriam S., Opportunity, Wash. Knitting appliance. 2,144,825; Jan. 24.
Allison, Raymond D., Los Angeles, Calif. Focusing device for microscopes. 2,166,034; July 11.
Allison, William D., assignor to Hudson Motor Car Company, Detroit, Mich. Stabilizer mechanism. 2,169,969; Aug. 15.
Allison, William F., Sr., Strong City, Kans. Combination lens and reflector. 2,161,842; June 13.
Allison, William L., Phoenix, Ariz. Dumping truck. 2,174,956; Oct. 3.
Allison, William M. (See Robinson, P., and Allison.)
Allison, William R., Cullman, Ala. Sound amplifier. 2,146,325; Feb. 7.

Allmänna Svenska Elektriska Aktiebolaget. (See Dreyfus, Ludwig, assignor.)
Allmänna Svenska Elektriska Aktiebolaget. (See Lamm, Uno, assignor.)
Allmanna Svenska Elektriska Aktiebolaget. (See Lamm, U., and Forssell, assignors.)
Allmänna Svenska Elektriska Aktiebolaget. (See Ytterberg, Arle, assignor.)
Allquist, John W., Rome, Ga., assignor to Tubize Chatillon Corporation, New York, N. Y. Extraction of substances from solutions. 2,165,438; July 11.
Allstatter, Edwin E., Middletown, Ohio. Tag. 2,153,227; Apr. 4.
All-Steel-Equip Company. (See Knell, John, assignor.)
Allsup, Allen R., assignor to Allsup Manufacturing Company, St. Louis, Mo. Starching machine. 2,169,457; Aug. 15.
Allsup Manufacturing Company. (See Allsup, Allen R., assignor.)
Alltimes, Alfred, Medford, Mass. Cutting and embossing device for biscuit machines. 2,153,067; Apr. 4.
Allum, Arthur E., Jr., Garden Grove, assignor to Shell Development Company, San Francisco, Calif. Spray oil emulsifier. 2,159,611; May 23.
Alluvial Mining Equipment Limited. (See Eckart, Harry G. L., assignor.)
Alluvial Mining Equipment Limited. (See Watson, George H., assignor.)
Allwood, Albert, North Charleston, S. C., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Method and means for making drafted yarn. 2,179,078; Nov. 7.
Allyne, Edmund E., assignor to Allyne Laboratories, Inc., Cleveland, Ohio. Absorption refrigerator mechanism. 2,177,796; Oct. 31.
Allyne Laboratories, Inc. (See Allyne, Edmund E., assignor.)
Alm, Karl M., Stockholm, Sweden. Automatic phonograph. 2,159,836; May 23.
Alma Motor Company. (See Ruggles, F. W., and Smith, assignors.)
Almgren, August E. (See Hothersall, J. M., and Almgren.)
Almgren, August E., Hillside, N. J. Aerial toy. 2,178,551; Nov. 7.
Almquist, Ella A., executrix. (See Almquist, Frank G.)
Almquist, Frank G., deceased, Mount Vernon, N. Y.; E. A. Almquist, executrix. Elevator dispatch system. 2,177,400; Oct. 24.
Almquist, Nils T. (See Anderson, O. M., and Almquist.)
Almy, Ernest G. (See Power, J. T., and Almy.)
Alnutt, Donald B., assignor to Mallinckrodt Chemical Works, St. Louis, Mo. Acid resist powder for use in etching. 2,168,756; Aug. 8.
Aloe, A. S., Co. (See D'Amato, Emile R., assignor.)
Alonso, Irene W., et al., executors. (See Windecker, Clifton N.)
Alpen, Henry, Milwaukee, Wis. Cigarette holder. 2,145,910; Feb. 7.
Alpern, Maxwell, assignor to American Engineering Company, Philadelphia, Pa. Hydraulic transmission. 2,160,612; May 30.
Alpha, David W., Goose Creek, and E. A. Shepherd, Houston, Tex. Smoking pipe. 2,155,780; Apr. 25.
Alquist, Francis N. (See Britton, E. C., and Alquist.)
Alquist, Francis N. (See Slagh, H. R., and Alquist.)
Alquist, Francis N. (See Wiley, R. M., Alquist, and Slagh.)
Alquist, Francis N., and H. R. Slagh, assignors to The Dow Chemical Company, Midland, Mich. Manufacture of 1-dimethylamino-2,3-propanediol. 2,147,226; Feb. 14.
Alquist, Francis N., and H. R. Slagh, assignors to The Dow Chemical Company, Midland, Mich. Ether. 2,181,085; Nov. 21.
Alriq, Hubert, Paris, France, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Automatic regulating device for current rectifying apparatus. 2,157,977; May 9.
Alrose Chemical Company. (See Weisberg, M., and Corman, assignors.)
Alsing, Carl F., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,167,442; July 25.
Alsing, Carl F., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus and method. 2,183,343; Dec. 12.
Alston, Henry D., Livingston, Tex. Pipe cutter. 2,162,210; June 13.
Alstrom, Ernest F., Jr., Cicero, Ill. Electrical cord connection. 2,165,952; July 11.
Alt, Cornelius A., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of coated fabrics. 2,145,385; Jan. 31.
Alt, Cornelius A., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Paper window shade capable of transmitting light uniformly. 2,156,046; Apr. 25.
Alt, Wolfgang. (See Guenther, F., Haussmann, and Alt.)
Alt, Wolfgang. (See Krzikalla, H., and Alt.)
Alt, Wolfgang, and H. Krzikalla, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Disazo dyestuffs. 2,169,970; Aug. 15.
Altamura, Mario S., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Reacting a tetra-alkyl lead and a nitro-phenol. 2,171,423; Aug. 29.
Altenberg, Alfons A. (See Handy, R. G., Seymour, and Altenburg.)
Alteneder, Theodore G. (See Jesnig, Charles J., assignor.)
Alterthum, Hans, Berlin-Wilmersdorf, and A. Lompe, Berlin, Germany, assignors to General Electric Company. Electric gaseous discharge device. 2,152,985; Apr. 4.
Alterthum, Hans, Berlin-Wilmersdorf, and A. Lompe, Berlin, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,182,776; Dec. 12.
Alterthum, Hans, Berlin-Wilmersdorf, and A. Lompe, Berlin, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,182,777; Dec. 12.
Alterthum, Hans, Berlin-Wilmersdorf, A. Lompe, Berlin, and K. Wiegand, Hohen-Neuendorf near Berlin, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,182,778; Dec. 12.
Alterthum, Hans, Berlin-Wilmersdorf, and A. Lompe, Berlin, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,182,779; Dec. 12.
Alterthum, Hans, Berlin-Wilmersdorf, and A. Lompe, Berlin, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,182,780; Dec. 12.
Altheimer, Ben, University City, assignor of one-fourth to H. L. Wilson, St. Louis, Mo. Shopping bag. 2,177,972; Oct. 31.
Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,158,811; May 16.
Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 2,158,812; May 16.
Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 2,166,787; July 18.
Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 2,176,318; Oct. 17.
Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,179,079; Nov. 7.
Alther, Joseph G., assignor to Universal Oil Products Company, Chicago, Ill. Coking of hydrocarbon oils. 2,179,080; Nov. 7.
Altiery, Nicholas, Philadelphia, Pa. Sanitary toilet seat cover dispensing machine. 2,175,553; Oct. 10.
Altman, Fred E. (See Aklin, G. H., and Altman.)
Altman, Fred E. (See McLeod, J. H., and Altman.)
Altman, Fred E., assignor to Eastman Kodak Company, Rochester, N. Y. Lens. 2,176,482; Oct. 17.
Altmyer, John W., Omaha, Nebr. Vehicle guard. 2,158,813; May 16.
Altmyer, John W., Waseca, Minn. Vehicle guard. 2,174,252; Sept. 26.
Alton, William H., Westport, Conn., assignor to R. T. Vanderbilt Company, Incorporated, New York, N. Y. Filtering. 2,179,028; Nov. 7.
Altorfer, Alpheus W., Peoria, assignor to Altorfer Bros. Company, East Peoria, Ill. Washing machine. 2,149,987; Mar. 7.
Altorfer, Alpheus W., Peoria, Ill. Washing machine. 2,180,186; Nov. 14.
Altorfer, Alpheus W., Peoria, Ill. Wringer release mechanism. 2,181,255; Nov. 28.
Altorfer Bros. Company. (See Altorfer, Alpheus W., assignor.)
Altorfer, Henry W., Peoria, Ill. Ironing machine cabinet. 2,169,753; Aug. 15.
Altvater, Adolf H., University City, Mo., assignor to M. L. Dodge, Newburyport, Mass. Pump top re-forming machine. 2,164,861; July 4.
Altvater, Adolf H., University City, Mo., assignor to M. L. Dodge, Newburyport, Mass. Pump top re-forming machine. 2,164,862; July 4.
Altvater, Arthur W., University City, Mo. Combined ink marking and perforating machine. 2,143,504; Jan. 10.
Altvater, Arthur W., University City, Mo. Die. 2,175,725; Oct. 10.
Aluminum Company of America. (See Alden, J. H., Stroup, and Budge, assignors.)
Aluminum Company of America. (See Andersen, Eli F., assignor.)
Aluminum Company of America. (See Armitage, J. L., and Sharp, assignors.)
Aluminum Company of America. (See Dix, E. H., Jr., and Nock, assignors.)
Aluminum Company of America. (See Edwards, Junius D., assignor.)
Aluminum Company of America. (See Edwards, J. D., and Mason, assignors.)
Aluminum Company of America. (See Ganoe, John E., assignor.)
Aluminum Company of America. (See Glensky, William E., assignor.)
Aluminum Company of America. (See Graham, Robert W., assignor.)

Aluminum Company of America. (See Guthrie, John M., assignor.)
Aluminum Company of America. (See Hartman, Frederick V., assignor.)
Aluminum Company of America. (See Harper, Henry L., assignor.)
Aluminum Company of America. (See Heiser, Harold W., assignor.)
Aluminum Company of America. (See Hill, Thomas M., assignor.)
Aluminum Company of America. (See Hogg, Emerson E., assignor.)
Aluminum Company of America. (See Jardine, Frank, assignor.)
Aluminum Company of America. (See Kappes, Walter R., assignor.)
Aluminum Company of America. (See Laing, Richard R., assignor.)
Aluminum Company of America. (See Mason, Ralph B., assignor.)
Aluminum Company of America. (See McFadden, Benjamin C., assignor.)
Aluminum Company of America. (See McMahan, Edwin L., assignor.)
Aluminum Company of America. (See Merritt, R. S., and Keller, assignors.)
Aluminum Company of America. (See Moore, T., and Nighthart, assignors.)
Aluminum Company of America. (See Newsome, J. W., and Edwards, assignors.)
Aluminum Company of America. (See Nighthart, George E., assignor.)
Aluminum Company of America. (See Rowe, Howard J., assignor.)
Aluminum Company of America. (See Sharp, John E., assignor.)
Aluminum Company of America. (See Smith, James N., assignor.)
Aluminum Company of America. (See Somers, Francis P., assignor.)
Aluminum Company of America. (See Thomas, John W., assignor.)
Aluminum Company of America. (See Willmore, Charles B., assignor.)
Aluminum Company of America. (See Work, H. K., and Slunder, assignors.)
Aluminum Cooking Utensil Company, The. (See Bradley, Charles A., assignor.)
Aluminum Cooking Utensil Company, The. (See Gibson, Thomas H., assignor.)
Aluminum Cooking Utensil Company, The. (See Matter, J. K., and Horak, assignors.)
Aluminum Plant & Vessel Company Limited. (See Goodman, Hugh F., assignor.)
Alvarez, Nicolás M. A. A. A., and E. A. Viglione, Buenos Aires, Argentina. Buckle. 2,180,786; Nov. 21.
Alvey-Ferguson Company, The. (See Sparling, W. E., and Stokes, assignors.)
Alvine, Samuel, Newark, N. J., assignor to Remington Rand Inc., Buffalo, N. Y. Tabulator drive control. 2,151,177; Mar. 21.
Alvistur, Oscar, San Francisco, Calif. Toy. 2,152,945; Apr. 4.
Alvord, Charles C., assignor to Norton Company, Worcester, Mass. Grinding wheel truing apparatus. 2,150,091; Mar. 7.
Alvord, Charles C., assignor to Norton Company, Worcester, Mass. Grinding wheel truing apparatus. 2,171,516; Sept. 5.
Alvord, Grove D., assignor to Central Electric Tool Company, Pittsburgh, Pa. Vibrator. 2,180,189; Nov. 14.
Alward, Francis, Boston, Mass. Clothes wringer and rinser. 2,178,385; Oct. 31.
Alwin Mfg. Company. (See Greiser, Milton W., assignor.)
Alyn, Frederick J., San Diego, Calif. Tune indicating device for stringed musical instruments. 2,153,736; Apr. 11.
Alzner, Egon, Campina, Roumania, assignor to Shell Development Company, San Francisco, Calif. Well casing perforator. 2,145.231; Jan. 31.
Amacher, Edward, et al. (See Warren, Calvin C., assignor.)
Amann, Max, Frankfort-on-the-Main, Germany. Communication system. 2,144,176; Jan. 17.
Amato, Frank. (See Catini, Vincenzo, assignor.)
Amazon Knitting Company. (See Powell, Walter C., assignor.)
Amberg, Walter E., assignor to F. M. Friedlob, Chicago, Ill. Expander ring. 2,155,031; Apr. 18.
Amberg, Walter E., assignor to Universal Paper Products Company, Chicago, Ill. Dispenser. 2,170,105; Aug. 22.
Ambler, George B., assignor to Black Diamond Saw & Machine Works, Inc., Natick, Mass. Drill sharpening machine. 2,147,227; Feb. 14.
Ambrose, C. M. (See Waugh, Edward H., assignor.)
Ambrose, John J. (See Padelford, L. E., and Ambrose.)
Ambrosius, George M., Lakewood, assignor to The Standard Oil Company, (Ohio), Cleveland, Ohio. Sheet metalware production. 2,147,392; Feb. 14.
Ambuhl, Robert, Troy, N. Y. Interliner for pneumatic tires. 2,154,828; Apr. 18.
Amco, Incorporated. (See Herington, Cecil F., assignor.)
Amco, Incorporated. (See Morton, William A., assignor.)
Amco, Incorporated. (See Morton, W. A., and Spencer, assignors.)
Amco, Incorporated. (See Spencer, H. F., and Morton, assignors.)
Amcoin Corporation. (See Wertheimer, Leo, assignor.)
Amdur, Leon H., Brooklyn, N. Y. Novelty walking cane. 2,146,495; Feb. 7.
Amdur, Leon H., Brooklyn, N. Y. Keyless lock device. 2,170,957; Aug. 29.
Amdur, Leon H., Brooklyn, N. Y. Shower curtain. 2,173,993; Sept. 26.
Amdur, Leon H., Brooklyn, N. Y. World novelty. 2,175,239; Oct. 10.
Ament, Roger W., Inglewood, assignor to Kelco Company, Los Angeles, Calif. Bread and bakery product. 2,158,392; May 16.
American Agricultural Chemical Company, The. (See Burke, George W., assignor.)
American Agricultural Chemical Company, The. (See Merchant, Milton H., assignor.)
American Air Filter Company. (See Hegan, Chester P., assignor.)
American Air Filter Company. (See Nutting, Arthur, assignor.)
American Allsafe Company. (See Sterne, Willard F., assignor.)
American Anode Incorporated. (See Albright, Raymond W., assignor.)
American Anode Inc. (See Beal, Carl L., assignor.)
American Anode Inc. (See Gebauer, Paul W., assignor.)
American Anode Inc. (See Hansen, Merrill E., assignor.)
American Anode Inc. (See Strube, Edward C., assignor.)
American Anode Inc. (See Winder, George L., assignor.)
American Armament Corporation. (See Joyce, Bryan P., assignor.)
American Asphalt Roof Corporation. (See Venrick, Emmett E., assignor.)
American Automatic Garage Door, Inc. (See Palumbo, Donato, assignor.)
American Automobile Association, Inc. (See Allgaier, Earl L., assignor.)
American Bakers Machinery Company. (See Russell, Charles L., assignor.)
American Bank Note Company. (See Marquardt, Frank C., assignor.)
American Bemberg Corporation. (See Bochmann, Otto, assignor.)
American Bemberg Corporation. (See Frowein, K., Bauiedel, and Elsaesser, assignors.)
American Bemberg Corporation. (See Hartmann, A., and Bauriedel, assignors.)
American Binder Company. (See Mandel, Jacob, assignor.)
American Bitumuls Company. (See McKesson, Claude L., assignor.)
American Bitumuls Company. (See Montgomerie, J. A., and Archibald, assignors.)
American Blower Corporation. (See Alison, Noah L., assignor.)
American Blower Corporation. (See Anderson, Edward L., assignor.)
American Blower Corporation. (See Bartch, M. J., and Polk, assignors.)
American Blower Corporation. (See Durrell, Ernest L., assignor.)
American Blower Corporation. (See Kice, Murray S., Jr., assignor.)
American Blower Corporation. (See Morse, Clark T., assignor.)
American Blower Corporation. (See Pfeffer, H. W., and Danz, assignors.)
American Blower Corporation. (See Polk, Gilbert C., assignor.)
American Bosch Corporation. (See Coe, Frank S., assignor.)
American Bosch Corporation. (See Crocker, William D., assignor.)
American Bosch Corporation. (See Curtis, L. F., and Coe, assignors.)
American Bosch Corporation. (See Gibson, Robert H., assignor.)
American Bosch Corporation. (See Gibson, R. H., and Crocker, assignors.)
American Bosch Corporation. (See Kongsted, Ludvig P., assignor.)
American Bosch Corporation. (See Long, Herbert J., assignor.)
American Bosch Corporation. (See Long, H. J., and Albrecht, assignors.)
American Bosch Corporation. (See Long, H. J., and Vincent, assignors.)
American Box Board Company. (See Bonfield, Emmons W., assignor.)
American Box Board Company. (See Burns, John S., assignor.)
American Box Board Company. (See Robrahn, Ira C., assignor.)
American Brake Company, The. (See Williamson, Frederick G., assignor.)
American Brake Shoe and Foundry Company, The. (See Eastburn, S. L., and Cooper, assignors.)
American Brake Shoe and Foundry Company, The. (See Fraula, William S., assignor.)
American Brake Shoe and Foundry Company, The. (See Hoffman, Paul, assignor.)

American Brake Shoe and Foundry Company, The. (See Hoffman, Walter G., assignor.)
American Brake Shoe and Foundry Company, The. (See Johnson, John A., assignor.)
American Brake Shoe and Foundry Company. (See Nelson, Albert, assignor.)
American Brake Shoe and Foundry Company, The. (See Peddle, William A., assignor.)
American Brake Shoe and Foundry Company, The. (See Trimble, Fred J., assignor).
American Brake Shoe and Foundry Company, The. (See Wilson, Rosser L., assignor.)
American Brake Shoe and Foundry Company, The. (See Winters, Wilbur H., assignor.)
American Brake Shoe and Foundry Company, The. (See Young, Donald H., assignor.)
American Brass Company, The. (See Silliman, Horace F., assignor.)
American Brass Company, The. (See Smith, C. S., and Palmer, assignors.)
American Brass Novelty Company. (See Kuhnle, Frederick C., assignor.)
American Business Machines Corporation. (See Von Pein, Edward J., assignor.)
American Button Sewing Machine Co. (See Lyons, Robert L., assignor.)
American Cabinet Hardware Corp. (See Aldeen, Gedor W., assignor.)
American Can Company. (See Ball, Charles O., assignor.)
American Can Company. (See Brooke, Thomas Y., assignor.)
American Can Company. (See Butler, William F., assignor.)
American Can Company. (See Clark, Berton S., assignor.)
American Can Company. (See Eberhart, Felix, assignor.)
American Can Company. (See Gordon, James H., Jr., assignor.)
American Can Company. (See Grover, Victor T., assignor.)
American Can Company. (See Heald, M. L., and Bryant, assignors.)
American Can Company. (See Holloway, Joseph C., assignor.)
American Can Company. (See Hothersall, John M., assignor.)
American Can Company. (See Hothersall. J. M., and Almgren, assignors.)
American Can Company. (See Hothersall, J. M., and Reid, assignors.)
American Can Company. (See Jacker, Nelle, assignor.)
American Can Company. (See Jewett, Freeborn G., assignor.)
American Can Company. (See Jewett, F. G., and Odquist, assignors.)
American Can Company. (See Larsh, Robert L., assignor.)
American Can Company. (See Le Frank, John D., assignor.)
American Can Company. (See Mann, H. G., and Kinney, assignors.)
American Can Company. (See Murch, John H., assignor.)
American Can Company. (See Nordquist, Ronald E. J., assignor.)
American Can Company. (See Pechy, William, assignor.)
American Can Company. (See Pelosi, Nicholas, assignor.)
American Can Company. (See Peters, John F., assignor.)
American Can Company. (See Taylor, Russell C., assignor.)
American Can Company. (See Taylor, William E., assignor.)
American Can Company. (See Titchen, C., and Boehl, assignor.)
American Can Company. (See White, Richard J., assignor.)
American Can Company. (See Widell, Magnus E., assignor.)
American Can Company. (See Woolford, Custis S., assignor.)
American Car and Foundry Company. (See Abel, Joseph C., assignor.)
American Car and Foundry Company. (See Bitler, W. T., Evans, and McBride, assignors.)
American Car and Foundry Company. (See Bradfield, George K., Jr., assignor.)
American Car and Foundry Company. (See Bradfield, G. K., Clarke, and Willoughby, assignors.)
American Car and Foundry Company. (See Christiansen, J., and Thompson, assignors.)
American Car and Foundry Company. (See Clade, Robert, assignor.)
American Car and Foundry Company. (See Dietrichson, William F., assignor.)
American Car and Foundry Company. (See Ecoff, Francis A., assignor.)
American Car and Foundry Company. (See Joy, Robert W., assignor.)
American Car and Foundry Company. (See Kaseberg, Theodore C., assignor.)
American Car and Foundry Company. (See Kassler, A., and Shields, assignors.)
American Car and Foundry Company. (See Martz, William H., assignor.)
American Car and Foundry Company. (See McBride, John J., assignor.)
American Car and Foundry Company. (See Nichols, Daniel R., assignor.)
American Car and Foundry Company. (See Nichols, Ralph G., assignor.)
American Car and Foundry Company. (See Schroeder, Ernest R., assignor.)
American Car & Foundry Company. (See Shields, Robert A., assignor.)
American Car and Foundry Company. (See Thompson, John B. D., assignor.)
American Car and Foundry Company. (See Thompson, J. B. D., and Udstad, assignors.)
American Car and Foundry Company. (See Udstad, Sigvald, assignor.)
American Car and Foundry Company. (See Willoughby, Victor, assignor.)
American Car and Foundry Motors Company. (See Dayes, Frederick E., assignor.)
American Car and Foundry Motors Company. (See Ramstrum, Eric, assignor.)
American Chain & Cable Company. (See Conner, Edward A., assignor.)
American Chain & Cable Company. (See Conner, E. A., and Myers, assignors.)
American Chain & Cable Company. (See Cummins, Norman W., assignor.)
American Chain & Cable Company. (See Delano, Howard A., assignor.)
American Chain & Cable Company. (See Hall, Preston M., assignor.)
American Chain & Cable Company. (See Moisseiff, L. S., and Lienhard, assignors.)
American Chain & Cable Company. (See Myers, W. E., and Schwartz, assignors.)
American Chain & Cable Company. (See Reyburn, John R., assignor.)
American Chain & Cable Company. (See Schmidt, George S., assignor.)
American Chain & Cable Company. (See Schmidt, George S., Jr., assignor.)
American Chain & Cable Company. (See Spence, John T. D., assignor.)
American Character Doll Co. Inc. (See Schaeffer, Edward G., assignor.)
American Chemical Paint Company. (See Mackenzie, Franklin H., assignor.)
American Chemical Paint Company. (See Romig, Gerald C., assignor.)
American Coach and Body Company. (See Eckman, Meril L., assignor.)
American Coach and Body Company, The. (See Larsen, N. P., and Troche, assignors.)
American Coach and Body Company. (See Troche, Herman J., assignor.)
American Coal Cleaning Corporation. (See O'Toole, E., Jr., and Wilcox, assignors.)
American Coating Mills, Inc. (See Brown, James H., assignor.)
American Coating Mills, Inc. (See Gilbert, Clyde L., assignor.)
American Coating Mills, Inc. (See Wheeler, Donald P., assignor.)
American Coil Spring Company. (See Bitzer, E. W., and Johnson, assignors.)
American Coil Spring Company. (See Gumprich, William, assignor.)
American Colloid Co. (See Hirschmann, Winfred B., assignor.)
American Cutting Alloys, Inc. (See Schwarzkopf, Paul, assignor.)
American Cyanamid & Chemical Corporation. (See Brush, John G., assignor.)
American Cyanamid & Chemical Corporation. (See Caryl, C. R., and Jaeger, assignors.)
American Cyanamid & Chemical Corporation. (See Davis, Clarke F., assignor.)
American Cyanamid & Chemical Corporation. (See Eastman, Hal P., assignor.)
American Cyanamid & Chemical Corporation. (See Jaeger, Alphons O., assignor.)
American Cyanamid & Chemical Corp. (See Jaeger, A. O., and Herrlinger, assignors.)
American Cyanamid & Chemical Corp. (See Jaeger, A. O., and Jewett, assignors.)
American Cyanamid & Chemical Corporation. (See Lurie, David, assignor.)
American Cyanamid & Chemical Corporation. (See Rape, Floyd J., assignor.)
American Cyanamid & Chemical Corporation. (See West, H. J., and Jaeger, assignors.)
American Cyanamid Co. (See Anderson, A. E., and Hedley, assignors.)
American Cyanamid Company. (See Booth, Robert B., assignor.)
American Cyanamid Company. (See Booth, Robert B., assignor.)
American Cyanamid Company. (See Bradley, Theodore F., assignor.)
American Cyanamid Company. (See Christmann, L. J., and Jayne, assignors.)
American Cyanamid Company. (See Cox, G. E., and McBurney, assignors.)
American Cyanamid Company. (See Crawford, Bruce D., assignor.)

American Cyanamid Company. (See Crossley, M. L., and Lytle, assignors.)
American Cyanamid Company. (See Ham, Garnet P., assignor.)
American Cyanamid Company. (See Ham, G. P., and Barnes, assignors.)
American Cyanamid Company. (See Hill, William H., assignor.)
American Cyanamid Company. (See Jayne, David W., Jr., assignor.)
American Cyanamid Company. (See Jayne, D. W., Jr., and Anderson, assignors.)
American Cyanamid Company. (See Jones, L. C., Barnes, and Ham, assignors.)
American Cyanamid Company. (See Klipstein, Kenneth H., assignor.)
American Cyanamid Company. (See Krebs, Kellogg, assignor.)
American Cyanamid Company. (See Lecher, H. Z., Adams, and Orem, assignors.)
American Cyanamid Company. (See Lecher, H. Z., and Orem, assignors.)
American Cyanamid Company. (See Mead, H. L., and Weaver, assignors.)
American Cyanamid Company. (See Niedercorn, Joseph G., assignor.)
American Cyanamid Company. (See Pope, Frederick. assignor.)
American Cyanamid Company. (See Porter, Robert R., assignor.)
American Cyanamid Company. (See Roblin, Richard O., Jr.)
American Cyanamid Company. (See Roblin, R. O., Jr., and Hechenbleikner, assignors.)
American Cystoscope Makers, Inc. (See Held, Joseph E., assignor.)
American Cystoscope Makers, Inc. (See Kleine, Arnold, assignor.)
American Cystoscope Makers, Inc. (See Krippendorf, Louis H., assignor.)
American Decalcomania Company. (See Lawrence, Jay B., assignor.)
American Distilling Company, The. (See Eaton, Cyrus D., assignor.)
American District Telegraph Company. (See Johnson, C. C., Hopkins, and Spamer, assignors.)
American District Telegraph Company. (See Muehter, Manfred W., assignor.)
American District Telegraph Company Inc. (See Cowan, F. M., and Evans, assignors.)
American Ecla Corporation. (See Schwartz, Fernand F., assignor.)
American Ecla Corporation. (See Schwartz, F. F., and Chavannes, assignors.)
American Electric Furnace Company. (See Juthe, Kristian A., assignor.)
American Electric Fusion Corporation. (See von Henke, Edmund J., assignor.)
American Electrical Heater Company. (See Kuhn, F., and Thomas, assignors.)
American Electrical Heater Company. (See Thomas, L. H., and Kuhn, assignors.)
American Electric Switch Corporation. (See Lantz, William H., Jr., assignor.)
American Engineering Company. (See Alpern, Maxwell, assignor.)
American Engineering Company. (See Bennett, Joseph S., assignor.)
American Engineering Company. (See Harbers, William J., assignor.)
American Engineering Company. (See Harrison, Clifford E., assignor.)
American Engineering Company. (See Landenberger, Henry W., assignor.)
American Engineering Company. (See Lawrence, Howard F., assignor.)
American Engineering Company. (See Preston, H. E., and Bennett, assignors.)
American Engineering Company. (See Sauter, W. V., and Lawrence, assignors.)
American Engineering Company. (See Sibbe, Carl F., assignor.)
American Engineering Company. (See Watson, T. G. W., and Ferguson, assignors.)
American Enka Corporation. (See Dokkum, Teunis, assignor.)
American Enka Corporation. (See Houtzaager, Dirk, assignor.)
American Enka Corporation. (See Jansen, Cornelis G., assignor.)
American Enka Corporation. (See Koch, Theodoor, assignor.)
American Enka Corporation. (See Kock, T., and van der Kroon, assignors.)
American Enka Corporation. (See Moritz, Adrian J. L., assignor.)
American Enka Corporation. (See Moritz, A. J. L., van Dobbenburgh, Sunderland, and Thurmond, assignors.)
American Enka Corporation. (See Polak, J. J., and Weeldenburg, assignors.)
American Enka Corporation. (See Sunderland, Alfred E., assignor.)
American Enka Corporation. (See van den Bergh, Barend, assignor.)
American Enka Corporation. (See van der Waals, Hendrik G., and Wiessing, assignors.)
American Eyelet Co., Inc. (See Levine, Harry, assignor.)
American Felt Company. (See Boeddinghaus, Hugo, assignor.)
American Fire Prevention Bureau. (See Collings, Thomas G., assignor.)
American Fixture & Showcase Manufacturing Co. (See Mendle, Milton D., assignor.)
American Flange and Manufacturing Company. (See Furedy, Frank, assignor.)
American Flange & Manufacturing Co. (See Melrath, Earl G., assignor.)
American Flange & Manufacturing Co. (See Wackman, Louis B., assignor.)
American Flange & Manufacturing Co. (See Waldo, Robert, assignor.)
American Flange & Manufacturing Co. (See Wallach, Carl D., assignor.)
American Flange & Manufacturing Co. Inc. (See Wackman, Louis B., assignor.)
American Floor Surfacing Machine Company, The. (See Kneisley, Richard F., assignor.)
American Floor Surfacing Machine Company, The. (See Myers, Harry L., assignor.)
American Flyer Mfg. Co. (See Goddard, Edwin G., assignor.)
American Foil Corporation. (See Kantor, Samuel T., assignor.)
American Forging & Socket Company, The. (See Johnson, Alvin L., assignor.)
American Forging & Socket Company. (See Johnson, Andrew L., assignor.)
American Forging & Socket Company. (See McGregor, Thomas A., assignor.)
American Forging & Socket Company, The. (See McGregor, T. A., and Rhodes, assignors.)
American Forging & Socket Company. (See Obrecht, Norbert L., assignor.)
American Forging & Socket Company, The. (See Saunders, Walter S., assignor.)
American Forging & Socket Company. (See Saunders, W. S., and McGregor, assignors.)
American Fork & Hoe Company, The. (See Cowdery, Robert A., assignor.)
American Fork & Hoe Company, The. (See Fifield, Albert F., assignor.)
American Fork & Hoe Company, The. (See Moulton, Walter E., assignor.)
American Fork & Hoe Company, The. (See Withington, Winthrop, assignor.)
American Fork & Hoe Company, The. (See Wonham, Fred S., assignor.)
American Foundry Equipment Company, The. (See Broadfield, Ward H., assignor.)
American Foundry Equipment Company, The. (See Hammell, Charles H., assignor.)
American Foundry Equipment Company, The. (See Minich, Verne E., assignor.)
American Foundry Equipment Company, The. (See Snyder, Clyde A., assignor.)
American Foundry Equipment Company, The. (See Turnbull, David C., assignor.)
American Foundry Equipment Company, The. (See Unger, Chester E., assignor.)
American Foundry Equipment Company. (See Zahn, Otto E., assignor.)
American Gas Machine Company. (See Jenson, Kenneth S., assignor.)
American Hard Rubber Company. (See Carson, Oswald B., assignor.)
American Hard Rubber Company. (See Crawford, Robert J., assignor.)
American Hardware Corporation, The. (See Hurd, Norman B., assignor.)
American Hardware Corporation, The. (See Morgen, Sigurd P., assignor.)
American Hardware & Importing Co., et al. (See Waller, John A., assignor.)
American Hatters and Furriers Company. (See Mercier, Warren C., assignor.)
American Hoist and Derrick Company. (See Ljungkull, Rolf E., assignor.)
American Hot Water Systems, Inc. (See Trencavel, Albert B., assignor.)
American Houses, Inc. (See McLaughlin, Robert W., Jr., assignor.)
American Industrial Research, Inc. (See Wilbur, Donald A., assignor.)
American Instrument Company. (See Morris, Nathan, assignor.)
American Instrument Company. (See Reynolds, William H., assignor.)
American-La France-Foamite Corporation. (See Lindsay, Charles H., assignor.)
American-La France-Foamite Corporation. (See Smith, Carlisle F., assignor.)
American Lady Corset Company. (See Lee, Fred M., assignor.)
American Laundry Machinery Company, The. (See Baldwin, G. S., and Mau, assignors.)

American Laundry Machinery Company, The. (See Couch, Forrest J., assignor.)
American Laundry Machinery Company. (See Hanney, Angus F., assignor.)
American Laundry Machinery Company, The. (See Hetzer, Russell A., assignor.)
American Laundry Machinery Company, The. (See Higley, Frank R., assignor.)
American Laundry Machinery Company, The. (See Hyde, Elbert L., assignor.)
American Laundry Machinery Company, The. (See Johnson, George W., assignor.)
American Laundry Machinery Company, The. (See Malott, Clifton S., Jr., assignor.)
American Laundry Machinery Company, The. (See Mau, William G., assignor.)
American Laundry Machinery Company, The. (See Neckel, Edmund N., assignor.)
American Laundry Machinery Company, The. (See Ritter, Harry A., assignor.)
American Locomotive Company. (See Barton, P. D., Finsterbusch, and Floyd, assignors.)
American Locomotive Company. (See Blunt, James G., assignor.)
American Locomotive Company. (See Clifford, Roger W., assignor.)
American Locomotive Company. (See Fleck, John F., assignor.)
American Locomotive Company. (See Jabelmann, O., and Finch, assignors.)
American Locomotive Company. (See Peyton, Harry S., assignor.)
American Locomotive Company. (See Reid, Charles L., assignor.)
American Locomotive Company. (See Weber, Theodore R., assignor.)
American Lurgi Corporation. (See Brücke, Otto, assignor.)
American Lurgi Corporation. (See Debuch, Carl P., assignor.)
American Lurgi Corporation. (See Ebner, Karl, assignor.)
American Lurgi Corporation. (See Hubmann, O., and Ruckes, assignors.)
American Lurgi Corporation. (See Koolman, C. T. D., Siecke, and Wohlwill, assignors.)
American Lurgi Corporation. (See Sondermann, Karl, assignor.)
American Lurgi Corporation. (See Steiner, Carl, assignor.)
American Lurgi Corporation. (See von Girsewald, Conway, Baron, and Roesner, assignors.)
American Lurgi Corporation. (See Wendeborn, Helmut, assignor.)
American Machine & Foundry Company. (See Alley, Stephen, assignor.)
American Machine & Foundry Company. (See Bronander, Wilhelm B., assignor.)
American Machine & Foundry Company. (See Dearsley, G., and Shackleton, assignors.)
American Machine & Foundry Company. (See Crighton, John, assignor.)
American Machine & Foundry Company. (See Crighton, J., and Chandler, assignors.)
American Machine & Foundry Company. (See Dehuff, Walter F., assignor.)
American Machine & Foundry Company. (See Di Ianni, Frank, assignor.)
American Machine & Foundry Company. (See Farmer, Fred, assignor.)
American Machine & Foundry Company. (See Ferenci, Lester, assignor.)
American Machine & Foundry Company. (See Fincke, Donald M., assignor.)
American Machine & Foundry Company. (See Horgan, George D., assignor.)
American Machine & Foundry Company. (See Jensen, Thormod, assignor.)
American Machine & Foundry Company. (See Johnson, Carl W., assignor.)
American Machine & Foundry Company. (See Kellner, Paul, assignor.)
American Machine & Foundry Company. (See Leary, James W., assignor.)
American Machine & Foundry Company. (See Mertis, Elmer F., assignor.)
American Machine & Foundry Company. (See Naftali, Rudolf V. and H., assignors.)
American Machine & Foundry Company. (See Plass, Robert H., assignor.)
American Machine & Foundry Company. (See Podmore, Arthur, assignor.)
American Machine & Foundry Company. (See Rhodes, Herbert C., assignor.)
American Machine & Foundry Company. (See Rundell, Rupert E., assignor.)
American Machine & Foundry Company. (See Shackleton, Jack, assignor.)
American Machine & Foundry Company. (See Stein, John A., assignor.)
American Machine & Foundry Company. (See Van Veen, Anton, assignor.)
American Machine & Foundry Company. (See Waite, Wilfred, assignor.)
American Machine and Metals, Inc. (See Daly, Joseph P., assignor.)
American Machine & Metals Inc. (See Harlan, Howard H., assignor.)
American Machine and Metals, Inc. (See Miller, Edward L., assignor.)
American Machine and Metals, Inc. (See Miller, E. L., and Bryson, assignors.)
American Machine & Metals, Inc. (See Thomsen, W. A. V., and Gross, assignors.)
American Magnesium Metals Corporation. (See Erdmann, Konrad, assignor.)
American Magnesium Metals Corporation. (See Hansgirg, Fritz, assignor.)
American Magnesium Metals Corporation. (See Lasch, L., and Schichtel, assignors.)
American Magnesium Metals Corporation. (See von Kahler, Friedrich, assignor.)
American Maize-Products Company. (See Daly, R. E., Walsh, and Needle, assignors.)
American Maize-Products Company. (See Lloyd, Robert L., assignor.)
American Maize Products Company. (See Morgan, Willard L., assignor.)
American Maize-Products Company. (See Morgan, W. L., and Goodman, assignors.)
American Maize-Products Company. (See Needle, Haskell C., assignor.)
American-Maize-Products Company. (See Stein, L., Walsh, and Needle, assignors.)
American Maize-Products Company. (See Walsh, James F., assignor.)
American Maize-Products Company. (See Walsh, J. F., and Morgan, assignors.)
American Maize-Products Company. (See Walsh, J. F., and Needle, assignors.)
American Manufacturing Company. (See Rick August J., assignor.)
American Metal Company, The. (See Eppensteiner, William F., assignor.)
American Metal Company. (See Harper, T. E., Jr., and Reinberg, assignors.)
American Metal Company, The. (See Heberlein, Max F. W., assignor.)
American Metal Company, The. (See Heuer, Russell P., assignor.)
American Metal Products Company. (See Matthaei, F. C., and Dooley, assignors.)
American Mills Company, The. (See Lilley, Samuel C., assignor.)
American Moistening Company. (See Loepsinger, Albert J., assignor.)
American Mono Rail Company, The. (See Easley, Curran S., assignor.)
American Monorail Company, The. (See Harris, Frank C., assignor.)
American Monorail Company, The. (See Lawrence, James P., assignor.)
American MonoRail Company, The. (See Lawrence, J. P., and Szekely, assignors.)
American Monorail Company, The. (See Miller, Bemis E., assignor.)
American Multi Products Corp. (See Robinson, Harold E., assignor.)
American-National Company, The. (See Baumker, William H., assignor.)
American-National Company, The. (See Diemer, Walter H., assignor.)
American-National Company, The. (See Snell, Samuel A., assignor.)
American Optical Company. (See Cozzens, Charles O., assignor.)
American Optical Company. (See Gagnon, Louis L., assignor.)
American Optical Company. (See Glancy, Anna E., assignor.)
American Optical Company. (See Glancy, A. E., and Gagnon, assignors.)
American Optical Company. (See Goddu, Lloyd W., assignor.)
American Optical Company. (See Goddu, L. W., and Caldwell, assignors.)
American Optical Company. (See Harper, Worthy C., assignor.)
American Optical Company. (See Hill, Harry W., assignor.)
American Optical Company. (See Lehmberg, William H., assignor.)
American Optical Company. (See Moseley, Edward H., assignor.)
American Optical Company. (See Moulton, Harold R., assignor.)
American Optical Company. (See Moulton, H. R., and Kinney, assignors.)
American Optical Company. (See Pellow, Arthur, assignor.)
American Optical Company. (See Rowe, Louis F., assignor.)
American Optical Company. (See Schumacher, Elmer L., assignor.)
American Optical Company. (See Splaine, Edward M., assignor.)
American Optical Company. (See Splaine, E. M., and Jarrett, assignors.)

American Optical Company. (See Tillyer, Edgar D., assignor.)
American Ozone Company. (See Daily, James M., assignor.)
American Pad & Textile Company, The. (See Thomas, Harold S., assignor.)
American Paper Bottle Company, The. (See Bennett, Racy D., assignor.)
American Paper Bottle Company, The. (See Wollenweber, Julius E., assignor.)
American Paper Tube Co. (See Amrhein, Harald L., assignor.)
American Paper Tube Company. (See Benoit, Ovila J., assignor.)
American Pearl Button Co. (See Buchanan, Ethel S., and Wietzel, assignors.)
American Perforator Company, The. (See Wagner, Albert N., assignor.)
American Plastics Corporation. (See Parsons, John A., assignor.)
American Platinum Works. (See Langhans, Otto W., assignor.)
American Platinum Works, The. (See Streicher, Johann S., assignor.)
American Plush & Velvet Pressboard Co. Inc. (See Sebo, Julius K., assignor.)
American Potash & Chemical Corporation. (See Black, Leroy G., assignor.)
American Potash & Chemical Corporation. (See Ritchie, C. F., and Black, assignors.)
American Pouch Corporation. (See Klein, Louis M., assignor.)
American Pulley Company, The. (See Watson, David M., assignor.)
American Radiator Company. (See Cornell, Edward S., Jr., assignor.)
American Radiator Company. (See Hersperger, Herman, assignor.)
American Radiator Company. (See Lambert Robert D., assignor.)
American Radiator Company. (See Timmis, William W., assignor.)
American Radiator Company. (See Timmis, W. W., and Walker, assignors.)
American Radiator Company. (See Wales, George F., assignor.)
American Radiator Company. (See Woolley, Clarence M., assignor.)
American Radiator & Standard Sanitary Corporation. (See Boyd, Robert C., assignor.)
American Radiator & Standard Sanitary Corporation. (See Brain, George, assignor.)
American Radiator & Standard Sanitary Corporation. (See Cornell, Edward S., Jr., assignor.)
American Radiator & Standard Sanitary Corporation. (See Daly, R. E., and Goerg, assignors.)
American Radiator & Standard Sanitary Corporation. (See Goerg, Bernard, assignor.)
American Radiator & Standard Sanitary Corporation. (See Laschenski, Charles W., assignor.)
American Radiator & Standard Sanitary Corporation. (See Manning, Fowler, assignor.)
American Radiator & Standard Sanitary Corporation. (See Praud, Henri L. M., assignor.)
American Radiator & Standard Sanitary Corporation. (See Reynolds, Frank C., assignor.)
American Radiator & Standard Sanitary Corporation. (See Terry, Matson C., assignor.)
American Railway Products Co. (See Cooke, George T., assignor.)
American Rayon Company. (See Furness, William H., assignor.)
American Rezo, Inc. (See Le Gall, Jean, assignor.)
American Rock Wool Corporation. (See Barlow, Carl A., assignor.)
American Rock Wool Corporation. (See Drill, Daniel C., assignor.)
American Rock Wool Corporation. (See Gregory, Jesse H., assignor.)
American Rolling Mill Company, The. (See Asbury, R. E., and Reed, assignors.)
American Rolling Mill Company, The. (See Barnes, H. C., and Millan, assignors.)
American Rolling Mill Company, The. (See Beck, W. J., and Taylor, assignors.)
American Rolling Mill Company, The. (See Clark, Carleton C., assignor.)
American Rolling Mill Company, The. (See Cole, G. H., and Davidson, assignors.)
American Rolling Mill Company, The. (See Fay, J. E., and Reed, assignors.)
American Rolling Mill Company, The. (See Finkbone, B. P., Hoover, and Miller, assignors.)
American Rolling Mill Company, The. (See Fisher, D. O., Kronborg, and Schlup, assignors.)
American Rolling Mill Company, The. (See Freeze, Jonathan R., assignor.)
American Rolling Mill Company, The. (See Harford, Albert K., assignor.)
American Rolling Mill Company, The. (See Hudson, Edwin B., assignor.)
American Rolling Mill Company, The. (See Hudson, E. B., and Burns, assignors.)
American Rolling Mill Company, The. (See Millan, E. N., and Hudson, assignors.)
American Rolling Mill Company, The. (See Millan, E. N., and Schlup, assignors.)
American Rolling Mill Company, The. (See Murphy, Dan R., assignor.)
American Rolling Mill Company, The. (See Reed, Eo, assignor.)
American Rolling Mill Company, The. (See Reed, E., Miller, and Gelder, assignors.)
American Rolling Mill Company, The. (See Schlup, Ernest G., assignor.)
American Rolling Mill Company, The. (See Sendzimir, Tadeusz, assignor.)
American Rolling Mill Company, The. (See Smith, R. R., assignor.)
American Rolling Mill Company, The. (See Spaulding, Arch W., assignor.)
American Rolling Mill Company. (See Washburn, D. H., and Hudson, assignors.)
American Rolling Mill Company, The. (See Wiley, A. D., and Franzmann, assignors.)
American Safety Razor Corporation. (See Dalkowitz, Godfrey, assignor.)
American Safety Table Company. (See Voigt, Max T., assignor.)
American Sales Book Company. (See Bottle, Edward K., assignor.)
American Sales Book Company. (See Hageman, Louis F., assignor.)
American Sales Book Company. (See Hall, George W., assignor.)
American Sales Book Company. (See McIntosh, William E., assignor.)
American Sales Book Company. (See Phillips, A. H., and Allan, assignors.)
American Sales Book Company. (See Pringle, W. A., and Manuel, assignors.)
American Sales Book Company. (See Sheppard, F. J., Manuel, and Pringle, assignors.)
American Screw Company. (See Tomalis, Joseph J., assignor.)
American Seal Company. (See Newman, Claude, assignor.)
American Sealcone Corporation. (See Winton, Lewis B., assignor.)
American Seal-Kap Corporation of Delaware. (See Clark, Kempton, assignor.)
American Seal-Kap Corporation of Delaware. (See Dorsch, William C., assignor.)
American Seal-Kap Corporation of Delaware. (See Field, S. B., and Walter, assignors.)
American Seal-Kap Corporation of Delaware. (See Goodwin, C. W., and Daniels, assignors.)
American Seal-Kap Corporation of Delaware. (See Knapp, Gordon W., assignor.)
American Seating Company. (See Chapel, George L., assignor.)
American Seating Company. (See Merrill, Ralph K., assignor.)
American Seating Company. (See Morgan, Erving B., assignor.)
American Seating Company. (See Morgan, E. B., and Ver Meulen, assignors.)
American Seating Company. (See Nordmark, Henry P., assignor.)
American Seating Company. (See Todd, Edwin T., assignor.)
American Seating Company. (See VerMeulen, J. M., and Bucher, assignors.)
American Securit Company, The. (See Despret, Georges P., assignor.)
American Securit Company, The. (See Long, Bernard, assignor.)
American Security Company, The. (See Clitherow, William, assignor.)
American Security Company, The. (See Forbes, Lewis J.-B., assignor.)
American Sheet and Tin Plate Company. (See Giles, Henry H., assignor.)
American Sheet and Tin Plate Company. (See Giles, H. H., and Nystrom, assignors.)
American Slicing Machine Company. (See Campbell, William J., assignor.)
American Smelting and Refining Company. (See Betterton, J. O., and Lebedeff, assignors.)
American Smelting and Refining Company. (See Betterton, J. O., and Perkins, assignors.)
American Smelting and Refining Company. (See Betterton, J. O., Phillips, and Smith, assignors.)
American Smelting and Refining Company. (See Bruderlin, Emil J., assignor.)
American Smelting and Refining Company. (See Busche, Adolphe, assignor.)
American Smelting and Refining Company. (See Busche, A., and Jago, assignors.)
American Smelting & Refining Company. (See Fleming, E. P., and Perkins, assignors.)
American Smelting and Refining Company. (See Frink, Albert A., assignor.)
American Smelting and Refining Company. (See Lind, John H., assignor.)
American Smelting and Refining Company. (See Meiselman, L., and Stark, assignors.)
American Smelting and Refining Company. (See Perkins, Melville F., assignor.)

American Smelting and Refining Company. (See Perkins, M. F., and Crane, assignors.)
American Smelting and Refining Company. (See Perkins, M. F., and Phillips, assignors.)
American Smelting and Refining Company. (See Smith, Herman L., assignor.)
American Smelting and Refining Company. (See Steele, E. W., and Morin, assignors.)
American Stamping Company. (See Andrews, H. B., and Haines, assignors.)
American Stay Company. (See Presby, Leroy Q., assignor.)
American Steel Derrick Company. (See Eaton, John F., assignor.)
American Steel Foundries. (See Aurien, Ray G., assignor.)
American Steel Foundries. (See Backes, Edward W., assignor.)
American Steel Foundries. (See Baselt, Walter H., assignor.)
American Steel Foundries. (See Baselt, W. H., and Aurien, assignors.)
American Steel Foundries. (See Cottrell, Robert B., assignor.)
American Steel Foundries. (See Cottrell, R. B., and Flesch, assignors.)
American Steel Foundries. (See Hedgcock, William C., assignor.)
American Steel Foundries. (See Helsten, Wesley, assignor.)
American Steel Foundries. (See Kayler, Frank H., assignor.)
American Steel Foundries. (See Kinne, Edmund P., assignor.)
American Steel Foundries. (See Kinne, E. P., and Greenawalt, assignors.)
American Steel Foundries. (See Kinne, E. P., and Kayler, assignors.)
American Steel Foundries. (See Light, D. M., assignor.)
American Steel Foundries. (See Oelkers, Alfred H., assignor.)
American Steel Foundries. (See Peycke, A. H., Clyne, and Baselt, assignors.)
American Steel Foundries. (See Tack, Carl E., assignor.)
American Steel and Wire Company, The. (See Ellsworth, F. H., and Walker, assignors.)
American Steel and Wire Company, The. (See Magee, W. V., and Miller, assignors.)
American Steel and Wire Company of New Jersey, The. (See Ackerman, G. O., Jr., and Stewart, assignors.)
American Steel and Wire Company of New Jersey, The. (See Bannerman, G. H., Curran, and Trout, assignors.)
American Steel and Wire Company of New Jersey, The. (See Brickman, A. E., and Gleason, assignors.)
American Steel and Wire Company of New Jersey, The. (See Brickman, A. E., and Platou, assignors.)
American Steel and Wire Company of New Jersey, The. (See Burke, John J., assignor.)
American Steel and Wire Company of New Jersey. (See Capouch, Myron E., assignor.)
American Steel and Wire Company of New Jersey, The. (See Cope, Harold, assignor.)
American Steel and Wire Company of New Jersey, The. (See Dempsey, Nelson W., assignor.)
American Steel and Wire Company of New Jersey, The. (See England, Joseph I., assignor.)
American Steel and Wire Company of New Jersey. (See Febrey, Harold H., assignor.)
American Steel and Wire Company of New Jersey, The. (See Garman, Floyd A., assignor.)
American Steel and Wire Company of New Jersey, The. (See Gleason, George A., assignor.)
American Steel and Wire Company of New Jersey, The. (See Laufer, E. W. D. and Reis, assignors.)
American Steel and Wire Company of New Jersey, The. (See Leahey, Francis P., assignor.)
American Steel and Wire Company of New Jersey, The. (See Morrison, J. J., and Howe, assignors.)
American Steel and Wire Company of New Jersey, The. (See Nigro, Michel, assignor.)
American Steel and Wire Company of New Jersey, The. (See Reardon, Eugene J., assignor.)
American Steel and Wire Company of New Jersey, The. (See Robbins, D. S., and Steuber, assignors.)
American Steel and Wire Company of New Jersey, The. (See Sabol, Ernest J., assignor.)
American Steel and Wire Company of New Jersey, The. (See Slusar, Frank M., assignor.)
American Steel and Wire Company of New Jersey, The. (See Stewart, Peter, assignors.)
American Steel and Wire Company of New Jersey, The. (See Stolnacke, C. E., and Sabol, assignors.)
American Steel and Wire Company of New Jersey. (See Thompson, James R., assignor.)
American Steel and Wire Company of New Jersey, The. (See Toll, Carl J., assignor.)
American Steel and Wire Company of New Jersey, The. (See Wahlstrom, Evald O., assignor.)
American Steel and Wire Company of New Jersey, The. (See Witherspoon, John C., assignor.)
American Sterilizer Company. (See Alexander, Horace W., assignor.)
American Stove Company. (See Brumbaugh, Isaac V., assignor.)
American Stove Company. (See Frick, William H., assignor.)
American Stove Company. (See Hoffman, Rudolph, assignor.)
American Stove Company. (See Moecker, Arnold H., assignor.)
American Stove Company. (See Moecker, H., Jr., Lotter, Scholander, and Brumbaugh, assignors.)
American Stove Company. (See Pierce, Ambrose R., assignor.)
American Stove Company. (See Stockstram, A., and Brodbeck, assignors.)
American Sundries Company. (See Duberstein, S., and Lawner, assignors.)
American Sundries Co. (See Hettinger, George, assignor.)
American Supply Company. (See Fish, Waldo H., assignor.)
American Swiss Company, The. (See Rightmyer, Holden W., assignor.)
American Tap-Bush Company. (See Rice, Frank E., assignor.)
American Telephone and Telegraph Company. (See Anderson, Emil N., assignor.)
American Telephone and Telegraph Company. (See Bachelet, A. E., and (Holden, assignor).)
American Telephone and Telegraph Company. (See Bascom, Earle C., assignor.)
American Telephone and Telegraph Company. (See Bixel, E. C., and Brown, assignors.)
American Telephone and Telegraph Company. (See Bookout, A. C., and Pitts, assignors.)
American Telephone and Telegraph Company. (See Brazelton, Roy M., assignor.)
American Telephone and Telegraph Company. (See Campbell, James, Jr., assignor.)
American Telephone and Telegraph Company. (See Carter, Irving G., assignor.)
American Telephone and Telegraph Company. (See Channell, James W., assignor.)
American Telephone and Telegraph Company. (See Cunningham, H. J., Douglass, Duncan, and Walker, assignors.)
American Telephone and Telegraph Company. (See Edwards, Paul G., assignor.)
American Telephone and Telegraph Company. (See Freeman, A. E., and Smith, assignors.)
American Telephone and Telegraph Company. (See Green, E. I., and Tidd, assignors.)
American Telephone and Telegraph Company. (See Gurley, Roger K., assignor.)
American Telephone and Telegraph Company. (See Hanley, Frank H., assignor.)
American Telephone and Telegraph Company. (See Howle, Louis W., assignor.)
American Telephone and Telegraph Company. (See Kinkead, F. S., and (Singer, assignor).)
American Telephone and Telegraph Company. (See Knapp, Howard S., assignor.)
American Telephone and Telegraph Company. (See Maurer, K. L., and Swart, assignors.)
American Telephone and Telegraph Company. (See Moody, D. L., Newby, and Shipley, assignors.)
American Telephone and Telegraph Company. (See Parrott, John A., assignor.)
American Telephone and Telegraph Company. (See Peterson, George H., assignor.)
American Telephone & Telegraph Company. (See Romnes, Haakon I., assignor.)
American Telephone and Telegraph Company. (See Rose, Claude C., assignor.)
American Telephone and Telegraph Company. (See Singer, Fred J., assignor.)
American Telephone and Telegraph Company. (See Slocum, Harvey F., assignor.)
American Telephone and Telegraph Company. (See Southworth, George C., assignor.)
American Telephone and Telegraph Company. (See Walker, Charles R., assignor.)
American Telephone and Telegraph Company. (See Watson, Edward F., assignor.)
American Telephone and Telegraph Company. (See Weaver, Allan, assignor.)
American Telephone & Telegraph Company. (See Weaver, Myron A., assignor.)
American Television Laboratories, Inc. (See de Forest, Lee, assignor.)
American Temperature Indicating Company, The. (See Kuhlman, Carl H., assignor.)
American Textile Company. (See Ruttenberg, Charles, assignor.)
American Textile Engineering Inc. (See Lambach, Fritz, assignor.)
American Thermos Bottle Company, The. (See Payson, A. H., and Duevel, assignors.)
American Thermos Bottle Company, The. (See Thomas, Adolph A., assignor.)
American Thread Company, The. (See Baker, Dickerson G., assignor.)
American Thread Company, The. (See Baker, D. G., and Gardner, assignors.)
American Tissue Mills. (See Pearl, Harold C., assignor.)
American Tissue Mills. (See Schroeder, Leslie R., assignor.)

American Tool & Machine Co. (See Tholl, John F., assignor.)
American Tool Works Company, The. (See Hoelscher, William G., assignor.)
American Totalisator Company. (See Levy, Oscar C., assignor.)
American Totalisator Company. (See Levy, O. C., and Johnston, assignors.)
American Transformer Company. (See Gaston, John R., assignor.)
American Type Founders, Inc. (See Meyer, Louis, assignor.)
American Type Founders Incorporated. (See Seybold, Frederick W., assignor.)
American Type Founders, Incorporated. (See Stobb, Anton, assignor.)
American Viscose Corporation. (See Allen, G. M., and McDermott, assignors.)
American Viscose Corporation. (See Glover, W. H., and Heaven, assignors.)
American Viscose Corporation. (See Kennedy, Edgar S., assignor.)
American Viscose Corporation. (See Koster, Frederick W., assignor.)
American Viscose Corporation. (See McDermott, Henry J., assignor.)
American Voith Contact Company. (See Gössler, Dietrich, assignor.)
American Well & Prospecting Company. (See Anderson, Carl M., assignor.)
American Well Works, The. (See Walker, James D., assignor.)
American Window Glass Company. (See Bishop, Frederic L., assignor.)
American Window Glass Company. (See Bishop, Frederic L., Jr., assignor.)
American Window Shade Machine Company. (See Kalning, Frederick E., assignor.)
American Zinc, Lead & Smelting Company. (See Calbeck, John H., assignor.)
American Zinc, Lead & Smelting Company. (See Coy, Harley A., assignor.)
American Zinc, Lead & Smelting Company. (See Depew, Harlan A., assignor.)
American Zinc, Lead & Smelting Company. (See MacIntire, Walter H., assignor.)
American Zinc, Lead & Smelting Company. (See Maidens, William T., assignor.)
American Zinc, Lead & Smelting Company. (See Warner, Munroe F., assignor.)
American Zirconium Corporation. (See Allan, Benjamin W., assignor.)
American Zirconium Corporation. (See Allan, B. W., and Bousquet, assignors.)
Amery, George, London, England. Fuel-injection control device. 2,150,574; Mar. 14.
Ames, Adelbert, Jr., assignor to trustees of Dartmouth College, Hanover, N. H. Eye testing instrument. 2,147,957; Feb. 21.
Ames, Adelbert, Jr., assignor to Trustees of Dartmouth College, Hanover, N. H. Testing perception of space. 2,168,308; Aug. 8.
Ames, Arthur D., and J. F. Furry, assignors to Outboard, Marine & Manufacturing Company, Waukegan, Ill. Valved piston. 2,158,351; May 16.
Ames, Arthur R., assignor to Ames Supply Company, Chicago, Ill. Tire inflating and testing equipment. 2,173,619; Sept. 19.
Ames, Baldwin Wyoming Co. (See Ready, William A., assignor.)
Ames, Charles H., Whittier, Calif. Orchard heating apparatus. 2,184,109; Dec. 19.
Ames, George C., New York, N. Y. Headgear. 2,181,446; Nov. 28.
Ames, James G., Aurora, assignor to Autogas Corporation, Chicago, Ill. Venting means for ranges or the like. 2,182,106; Dec. 5.
Ames, Leslie E., Lodi, Calif. Closure Cap. 2,154,118; Apr. 11.
Ames Supply Company. (See Ames, Arthur R., assignor.)
Amick, Charles, Topeka, Kans. Commodity case. 2,147,510; Feb. 14.
Amico, Frank, assignor of one-half to F. Keiper, Rochester, N. Y. Hair curler. 2,180,187; Nov. 14.
Amico, Joseph, Rochester, N. Y., assignor, by mesne assignments, to C. N. Baglin. Shoe jack. 2,171,527; Sept. 5.
Amidon, Roy C., Fort Plain, assignor of one-third to W. S. Becker, Little Falls, and one-third to L. M. Fowler, St. Johnsville, N. Y. Pile fabric and making same. 2,155,385; Apr. 25.
Amidon, Roy C., Fort Plain, assignor of one-third to W. S. Becker, Little Falls, and one-third to L. M. Fowler, St. Johnsville, N. Y. Knitting machine. 2,155,386; Apr. 25.
Amiot, Félix, Neuilly-sur-Seine, France. Aircraft turret. 2,167,561; July 25.
Amity Leather Products Co. (See Wege, Philip, assignor.)
Ammann, Eugen, Hamburg, and G. C. F. Meissner, Hamburg-Altona, assignors to the firm of Schacht & Westerich, Hamburg, Germany. Device for receiving written and graphic matter. 2,166,853; July 18.
Ammann, George A., Riverhead, N. Y. Coin controlled postage marking machine. 2,151,672; Mar. 28.
Ammen, Francis D., Los Angeles, and W. H. Maxwell, Beverly Hills, assignors of one-third to C. A. Miketta, Los Angeles, Calif. Apparatus for reproducing races. 2,166,132; July 18.
Ammendola, Giuseppe, Trieste, Italy. Tube cleaning device. 2,165,120; July 4.
Ammonia Casale Società Anonima. (See Zavka, Mario, assignor.)
Amon, Joseph, Clark, N. J. Yarn moistening apparatus. 2,182,573; Dec. 5.
Amonsen, George H., Minneapolis, Minn. Reversing mechanism assembly. 2,177,631; Oct. 31.
Amos, James L., assignor to The Dow Chemical Company, Midland, Mich. Forming an aldehyde and an olefin monohalide. 2,183,036; Dec. 12.
Ampere X Electronic Products, Inc. (See Senauke, Alexander, assignor.)
Amperite Company. (See Barbieri, Andrés, assignor.)
Amren, Adolf, assignor to the firm of Lutto S. A., Basel, Switzerland. Button. 2,161,780; June 13.
Amrhein, Harald L., assignor to American Paper Tube Co., Woonsocket, R. I. Flat quill or bobbin. 2,168,465; Aug. 8.
Ams, Max, Machine Company, The. (See Brenzinger, Julius, assignor.)
Amsden, Ralph D., Lynn, Mass., assignor to General Electric Company. Control circuit. 2,166,788; July 18.
Amsden, Ralph D., Lynn, Mass., assignor to General Electric Company. Control circuit. 2,172,156; Sept. 5.
Amsler, Robert, Cham, Switzerland, assignor to Landis & Gyr, A.-G. Thermostatic temperature controlling means. 2,172,527; Sept. 12.
Amsler, Walter O., Butler, Pa., assignor to Frazier-Simplex, Inc. Glass drawing tank. 2,153,228; Apr. 4.
Amsler, Walter O., Toledo, Ohio, assignor to Frazier-Simplex, Inc., Wilmington, Del. Method of and apparatus for drawing glass. 2,158,669; May 16.
Amstutz, Albert, La Rue, Ohio. Feeder. 2,165,121; July 4.
Amstuz, John O., assignor to Behr-Manning Corporation, Troy, N. Y. Abrasive disk. 2,175,073; Oct. 3.
Amthor, Frank G., East Rutherford, and G. Zinzalian, assignors to Wecoline Products, Inc., Boonton, N. J. Treatment of fatty acids. 2,162,542; June 13.
Amtsberg, Lester A. (See Olson, J. E., and Amtsberg.)
Anaconda Copper Mining Company. (See Laist, Frederick, assignor.)
Anaconda Lead Products Company. (See Bowman, R. G. and Knox, assignors.)
Anaconda Wire & Cable Company. (See Dickinson, Harry F., assignor.)
Anaconda Wire & Cable Company. (See Freeland, Orville F., assignor.)
Anaconda Wire & Cable Company. (See French, Stanley F., assignor.)
Anaconda Wire & Cable Company. (See Hasse, Joseph W., assignor.)
Anaconda Wire and Cable Company. (See Kidd, George B., assignor.)
Anaconda Wire & Cable Company. (See Little, Thomas J., assignor.)
Anaconda Wire and Cable Company. (See Lowe, William, assignor.)
Anaconda Wire & Cable Company. (See MacLeod, Lester R., assignor.)
Anaconda Wire & Cable Company. (See McConnell, Edmond S.)
Anaconda Wire and Cable Company. (See Olson, John W., assignor.)
Anaconda Wire & Cable Company. (See Rogers, Paul M., assignor.)
Anaconda Wire & Cable Company. (See Rosch, Samuel J., assignor.)
Anaconda Wire & Cable Company. (See Talbott, James E., assignor.)
Anaconda Wire & Cable Company. (See Thompson, Harry E., assignor.)
Anaconda Wire & Cable Company. (See Whittaker, William A., assignor.)
Anaconda Wire & Cable Company. (See Wodtke, Hans V., assignor.)
Anagno, John N., Lynn, Mass. Liquid dispensing apparatus. 2,176,947; Oct. 24.
Anater, Raymond J., Dravosburg, Pa., assignor to National Tube Company. Rolling mill mandrel. 2,159,123; May 23.
Anchilowitz, Max, New York, N. Y. Lifting mechanism for skylights and the like. 2,182,574; Dec. 5.
Anchor Cap & Closure Corporation. (See Darling, Frank L., assignor.)
Anchor Cap & Closure Corporation. (See Fleisch, J. R., and Kosar, assignors.)
Anchor Cap & Closure Corporation. (See Gibbs, John C., assignor.)
Anchor Cap & Closure Corporation. (See Kosar, John G., assignor.)
Anchor Cap & Closure Company. (See Lord, John D., assignor.)
Anchor Cap & Closure Corporation. (See McNamara, W. L., and Errett, assignors.)
Anchor Cap & Closure Corporation. (See Podel, Abraham, assignor.)
Anchor Cap & Closure Corporation. (See Robinson, Hugh W., assignor.)

Anchor Cap and Closure Corporation. (See Von Till, Louis A., assignor.)
Anchor Hocking Glass Corporation. (See Lavere, Carroll K., assignor.)
Anchor Steel & Conveyor Company. (See Melmer, Eric O., assignor.)
Anchor Steel & Conveyor Company. (See Waalkes, Gerrit, assignor.)
Anciens Etablissements Barbier, Benard & Turenne. (See Mestre, Louis N., assignor.)
Ancker, Enock, Albuquerque, N. Mex. Safety book match. 2,151,675; Mar. 28.
Ancrum, Robert W., Stockton-on-tees, and A. G. Oppegaard, Billingham, England, assignors, by mesne assignments, to Titan Company Inc., Wilmington, Del. Manufacture of titanium pigments. 2,161,755; June 6.
Andale Company. (See Jenkins, James M., assignor.)
Andale Company. (See McNeal, Daniel R., assignor.)
Andeen, Aaron G., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical device. 2,172,927; Sept. 12.
Anderau, Walter. (See Straub, F., and Anderau.)
Anderberg, Franz W., Youngstown, Ohio. Single reed instrument tuning device. 2,180,383; Nov. 21.
Anderegg, Frederick O. (See Davison, R. L., and Anderegg.)
Anderegg, Ruben H., and R. G. Miner, assignors to The Trane Company, La Crosse, Wis. Heating system. 2,155,371; Apr. 18.
Anders, John F., Kitchawan, N. Y. Oil engine. 2,162,473; June 13.
Andersen, Anders C. N., Odense, Denmark. Apparatus for producing artificial respiration. 2,169,784; Aug. 15.
Andersen, Andrew C., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Lock. 2,144,672; Jan. 24.
Andersen, Andrew C., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Coach lock. 2,173,148; Sept. 19.
Andersen, Anton, Copenhagen, Denmark. Preheater for liquid fuel burners for heating or lighting apparatus. 2,156,578; May 2.
Andersen, Bjorn, Maplewood, N. J., assignor to Celluloid Corporation. Making a stiffened fabric. 2,173,821; Sept. 26.
Andersen, Bjorn, Maplewood, and A. F. Caprio, Madison, N. J., assignors to Celluloid Corporation. Esters of polyglycols and their ethers and compositions containing the same. 2,151,311; Mar. 21.
Andersen, Carl N., Wellesley Hills, Mass., assignor to Lever Brothers Company. Preparing organic mercury compounds. 2,155,922; Apr. 25.
Andersen, Carl N., Wellesley Hills, Mass., assignor to Lever Brothers Company. Orangic mercury compound. 2,162,211; June 13.
Andersen, Carl N., Wellesley Hills, Mass., assignor to Lever Brothers Company. Aromatic mercury salts of acetylamino substituted acids. 2,167,966; Aug. 1.
Andersen, Carl N., Wellesley Hills, Mass., assignor to Lever Brothers Company. Preparing aromatic mercury salts of organic acids. 2,177,049; Oct. 24.
Andersen, Christian S., assignor to Pennsylvania Furnace & Iron Co., Warren, Pa. Tension adjusting device. 2,153,705; Apr. 11.
Andersen, Christian S., assignor to Pennsylvania Furnace & Iron Co., Warren, Ohio. Furnace control mechanism. 2,156,830; May 2.
Andersen, Edward L., Grosse Isle, assignor to American Blower Corporation, Detroit, Mich. Blower. 2,155,631; Apr. 25.
Andersen, Eli F., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Container and closure. 2,141,826; Mar. 28.
Andersen Frame Corporation. (See Swanson, Earl C., assignor.)
Andersen, Ludvig. (See Watson, J. D., and Andersen.)
Andersen, Margaret R., Genoa, Colo. Hairpin opener. 2,150,144; Mar. 14.
Andersen, Niels Y., Kenmore, assignor to Remington Rand Inc., Buffalo, N. Y. Caster. 2,170,257; Aug. 22.
Andersen, Tengel. (See Andersen, Thomas K. and T.)
Andersen, Thomas K., West Brighton, and T. Andersen, Port Richmond, assignors to Overhead Loader Corporation, New York, N. Y. Material collecting and loading apparatus. 2,182,781; Dec. 12.
Anderson, Adolph G., assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon, Mich. Apparatus for producing cylinder sleeves. 2,156,521; May 2.
Anderson, Albert F., San Francisco, Calif. Propelling device for ships. 2,149,155; Feb. 28.
Anderson, Albert J., and J. G. Wescott, assignors to N. P. Benson Optical Company, Inc., Minneapolis, Minn. Eyeglasses with edges for cosmetic effect. 2,174,304; Sept. 26.
Anderson, Alexander, Fullerton, assignor, by mesne assignments, to Lane-Wells Company, Los Angeles, Calif. Apparatus for surveying bore holes. 2,144,422; Jan. 17.
Anderson, Alexander, Fullerton, assignor, by mesne assignments, to Lane-Wells Company, Los Angeles, Calif. Apparatus for deflecting drill holes. 2,167,194; July 25.
Anderson, Alfred, et al. (See Anderson, Chester A., assignor.)
Anderson, Alfred, Minneapolis, Minn. Lockwasher. 2,179,169; Nov. 7.
Anderson, Alfred J., Akron, Ohio. Bubble blower. 2,154,652; Apr. 18.
Anderson, Alvin G., Cincinnati, Ohio, assignor to Dennison Manufacturing Company, Framingham, Mass. Window display form and fixture. 2,142,547; Jan. 3.
Anderson, Alvin G., assignor to Dennison Manufacturing Company, Framingham, Mass. Decorative display form. 2,142,548; Jan. 3.
Anderson, Alvin G., assignor to Dennison Manufacturing Company, Framingham, Mass. Decorative display form. 2,142,549; Jan. 3.
Anderson, Alvin P., Alton, Ill., assignor to Shell Development Company, San Francisco, Calif. Refining mineral oils. 2,143,531; Jan. 10.
Anderson, Alvin P., Alton, and E. J. Jahn, Wood River, Ill., assignors to Shell Development Company, San Francisco, Calif. Refining wax. 2,145,784; Jan. 31.
Anderson, Arvid E. (See Jayne, D. W., Jr., and Anderson.)
Anderson, Arvid E., Drexel Hill, Pa., assignor to General Electric Company. Control system. 2,151,178; Mar. 21.
Anderson, Arvid E., Drexel Hill, Pa., assignor to General Electric Company. Automatic switching equipment. 2,172,950; Sept. 12.
Anderson, Arvid E., New Canaan, and N. Hedley, Old Greenwich, Conn., assignors to American Cyanamid Co., New York, N. Y. Differential flotation of lead-zinc ores. 2,150,114; Mar. 7.
Anderson, Arvid E., Drexel Hill, and H. Bany, Lansdowne, Pa., assignors to General Electric Company. System of electric distribution. 2,169,863; Aug. 15.
Anderson, August, Beulah, N. Dak. Threshing apparatus. 2,145,330; Jan. 31.
Anderson, August E., Montclair, N. J. Spark plug with enlarged cooling chamber. 2,149,261; Mar. 7.
Anderson, Augustus L., Brooklyn, N. Y. Discharge valve for containers. 2,170,395; Aug. 22.
Anderson, Axel G., Minneapolis, Minn. Box or the like with collapsible partitions. 2,145,106; Jan. 24.
Anderson, Benjamin F., Washington, D. C. Chassis for automotive vehicles. 2,176,386; Oct. 17.
Anderson, Bert J. Hammond, Ind. Handle bar. 2,143,234; Jan. 10.
Anderson, Bert J., Hammond, Ind. Vehicle wheel. 2,155,921; Apr. 25.
Anderson, Bert J., Hammond, Ind. Rear frame member. 2,158,170; May 16.
Anderson, Bert J., Hammond, Ind. Velocipede fork. 2,160,247; May 30.
Anderson, Bert J., Hammond, Ind. Velocipede fork. 2,167,020; July 25.
Anderson, Bert J., Hammond, Ind. Velocipede. 2,167,021; July 25.
Anderson, Bert J., Hammond, Ind. Child's vehicle. 2,174,026; Sept. 26.
Anderson, Bert J., Hammond, Ind. Rear frame member. 2,181,413; Nov. 28.
Anderson, Bert J., Hammond, Ind. Saddle construction for velocipedes. 2,181,414; Nov. 28.
Anderson-Bolling Mfg. Co. (See Anderson, Carl E., assignor.)
Anderson, Carl, Passaic, N. J., assignor to Raybestos-Manhattan Inc., Bridgeport, Conn. Interlocking spiral reinforcing wrapping for hose. 2,143,852; Jan. 17.
Anderson, Carl A., Whitefield, N. H. High wet strength paper and making such paper. 2,146,281; Feb. 7.
Anderson, Carl E., East Orange, assignor to Eastern Tool & Mfg. Co., Bloomfield, N. J. Button loop. 2,146,496; Feb. 7.
Anderson, Carl E., assignor to Anderson-Bolling Mfg. Co., Grand Haven, Mich. Locking door latch. 2,159,581; May 23.
Anderson, Carl J., assignor to J. B. Zimmer, Chicago, Ill. Cooking apparatus. 2,154,391; Apr. 11.
Anderson, Carl J., Lakewood, and J. C. McKee, assignors to Mullins Manufacturing Corporation, Salem, Ohio. Trailer. 2,168,661; Aug. 8.
Anderson, Carl L., assignor to Eagle Signal Corporation, Moline, Ill. Multicircuit timing switch. 2,175,864; Oct. 10.
Anderson, Carl L., assignor to Eagle Signal Corporation, Moline, Ill. Timing switch and mechanism. 2,175,865; Oct. 10.
Anderson, Carl M., Corsicana, Tex., assignor to American Well & Prospecting Company. Brake controlling lever mechanism. 2,149,718; Mar. 7.
Anderson, Carl O. (See Clemmer, J. B., and Anderson.)
Anderson, Carl O. (See Doennecke, H. W., Douglass, and Anderson.)
Anderson, Carl R., assignor to The Griswold Manufacturing Company, Erie, Pa. Damper. 2,149,565; Mar. 7.
Anderson, Charles R., Chicago, Ill. Card holder. 2,171,350; Aug. 29.
Anderson, Charles T., Midway City, Calif. Gas anchor. 2,143,836; Jan. 17.
Anderson, Chester A., assignor of one-third to A. Anderson, and one-third to R. N. Ornberg, Litchfield, Minn. Pressure oil can. 2,169,209; Aug. 15.
Anderson, Clayton W., Pittsburgh, Pa. Plug valve. 2,142,550; Jan. 3.

Anderson, Clifford E. (See Bearss, R., and Anderson.)
Anderson Company, The. (See Smulski, Theodore J., assignor.)
Anderson, Craston C., West Palm Beach, Fla. Gunstock. 2,161,498; June 6.
Anderson, David E. (See Erlanger, S., and Anderson.)
Anderson, David R., Dallas, Tex., assignor to The B. F. Goodrich Company, New York, N. Y. Sucker-rod guard. 2,153,787; Apr. 11.
Anderson, Edmund B., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Flexible coupling. 2,158,212; May 16.
Anderson, Edward C. (See Wewetzer, A., and Anderson.)
Anderson, Edward L., Grosse Ile, assignor to American Blower Corporation, Detroit, Mich. Blower. 2,143,100; Jan. 10.
Anderson, Edward L., Grosse Isle, assignor to American Blower Corporation, Detroit, Mich. Gas mixing apparatus. 2,159,495; May 23.
Anderson, Edward L., Grosse Isle, assignor to American Blower Corporation, Detroit, Mich. Air conditioner. 2,176,319; Oct. 17.
Anderson, Edward L., Wayne County, assignor to American Blower Corporation, Detroit, Mich. Tunnel fan. 2,166,276; July 18.
Anderson, Edward L., Grosse Ile, Mich., and J. Engalitcheff, Jr., Dayton, Ohio, assignors, by mesne assignments, to Alco Valve Company, Inc., St. Louis, Mo. Refrigerating apparatus. 2,182,718; Dec. 5.
Anderson, Edward R., Van Horn, Tex. Railroad grade crossing signal. 2,170,467; Aug. 22.
Anderson, Edwin J., Snyder, Tex. Garment hanger. 2,145,503; Jan. 31.
Anderson, Ellen M. E., Evanston, Ill. Material holder. 2,146,704; Feb. 14.
Anderson, Elmer W., Leonia, N. J. Nasal filter device. 2,161,607; June 6.
Anderson, Emil C., Downers Grove, Ill. Railway truck. 2,163,253; June 20.
Anderson, Emil N., Oak Park, Ill., assignor to American Telephone and Telegraph Company. Key. 2,145,618; Jan. 31.
Anderson, Eric J., Brooklyn, assignor to News Projection Corporation, New York, N. Y. Stock quotation projecting machine. 2,163,575; June 27.
Anderson, Erich K., Trenton, N. J. Belt pulley. 2,161,270; June 6.
Anderson, Everett V., Naugatuck, Conn., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Latex compositions. 2,172,463; Sept. 12.
Anderson, Forest L., Bristol, Tenn. Swimming glove. 2,169,939; Aug. 15.
Anderson, Frank E., Brooklyn, N. Y. Tape control mechanism. 2,150,410; Mar. 14.
Anderson, Fred E., Portland, Oreg. Swivel. 2,176,519; Oct. 17.
Anderson, Frederick C., Jr., Poughkeepsie, N. Y. Arm holder. 2,180,270; Nov. 14.
Anderson, Friteof, et al. (See Fogas, Livius V., assignor.)
Anderson, Frithiof B., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Galvanometer. 2,159,775; May 23.
Anderson, Frithiof B., Elberon, and A. W. Clement, Summit, N. J., and I. G. Wilson, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Negative feedback amplifier. 2,170,046; Aug. 22.
Anderson, George, Hammond, Ind., and R. S. Olsen, Chicago, Ill., assignors to International Smelting & Refining Company, New York, N. Y. Metal vaporizing furnace. 2,156,420; May 2.
Anderson, George, Hammond, Ind., and R. S. Olsen, Chicago, Ill., assignors to International Smelting & Refining Company, New York, N. Y. Vaporizing furnace for zinc and other metals. 2,174,559; Oct. 3.
Anderson, George A., Elmwood Park, Ill. Wood carving machine. 2,185,011; Dec. 26.
Anderson, George J., Hollywood, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Electrode feeding device for electric arc apparatus. 2,173,149; Sept. 19.
Anderson, George W. (See Lamb, G. E., and Anderson.)
Anderson, Gordon R., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Control system for dynamo-electric machines. 2,163,972; June 27.
Anderson, Gustaf W. (See Lindholm, A. W., and Anderson.)
Anderson, Harley E., assignor to J. H. Sharp, Chicago, Ill. Brake beam safety support. 2,159,582; May 23.
Anderson, Harley E., Chicago, Ill., assignor of one-half to W. F. White, Fort Worth, Tex. Bolster spring. 2,162,342; June 13.
Anderson, Harod A., Los Angeles, Calif. Bolt. 2,161,271; June 6.
Anderson, Harry J., assignor to Hills-McCanna Company, Chicago, Ill. Mechanical valve. 2,142,970; Jan. 3.
Anderson, Harry M. (See Hage, Walter, assignor.)
Anderson, Harry T., Herkimer, assignor to Remington Rand Inc., Buffalo, N. Y. Bowden wire. 2,160,113; May 30.
Anderson, Harvey A., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Manufacture of extruded articles. 2,177,681; Oct. 31.
Anderson, Herman T., Le Feria, Tex. Cream separator. 2,155,111; Apr. 18.
Anderson, Hilding, assignor to Tuttle & Bailey, Inc., New Britain, Conn. Damper for registers. 2,146,391; Feb. 7.
Anderson, Howard F., Torrington, Conn. Speed control for outboard motor boats. 2,155,112; Apr. 18.
Anderson, Hugh, assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Polishing machine fixture. 2,173,245; Sept. 19.
Anderson, James A., Walla Walla, Wash. Drill head. 2,161,000; June 6.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Cutting or welding machine. 2,161,121; June 6.
Anderson, James L., Closter, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Pipe or tube welding. 2,176,237; Oct. 17.
Anderson, James N., North Plainfield, N. J., and R. Steeneck, assignors to The Western Union Telegraph Company, New York, N. Y. Tape tie-up indicating means. 2,142,880; Jan. 3.
Anderson, James N., North Plainfield, N. J., and R. F. Dirkes, Jamaica, assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph system. 2,172,920; Sept. 12.
Anderson, Jasper E. (See Robinson, W. H., and Anderson.)
Anderson, Jasper E., Scotia, N. Y., assignor to General Electric Company. Apparatus for abrading coatings from rods. 2,170,672; Aug. 22.
Anderson, Jasper E., Scotia, N. Y., assignor to General Electric Company. Wire-feeding device. 2,170,673; Aug. 22.
Anderson, Jasper E., Scotia, N. Y., assignor to General Electric Company. Electric control circuit. 2,175,009; Oct. 3.
Anderson, John A., Olympia Fields, assignor to Standard Oil Company, Chicago, Ill. Tree spray oil. 2,155,630; Apr. 25.
Anderson, John A., Oympia Fields, assignor to Standard Oil Company, Chicago, Ill. Polymerization of olefins. 2,182,512; Dec. 5.
Anderson, John E. (See Caldwell, F. W., Martin, and Anderson.)
Anderson, John F., Oakland, Calif. Automobile draft shield. 2,182,107; Dec. 5.
Anderson, John F., Piedmont, Calif., assignor to Pacific Can Company. Can and making same. 2,167,737; Aug. 1.
Anderson, John H., St. Paul, Minn. Sled. 2,152,013; Mar. 28.
Anderson, John W., assignor to Productive Inventions, Inc., Gary, Ind. Windshield cleaner. 2,155,462; Apr. 25.
Anderson, John W., assignor to Productive Inventions, Inc., Gary, Ind. Glass cleaner. 2,157,314; May 9.
Anderson, John W., assignor to Productive Inventions, Inc., Gary, Ind. Windshield wiper. 2,172,928; Sept. 12.
Anderson, Joseph A. (See Johnson, Jonas F., assignor.)
Anderson, Joseph A., and L. G. Hunt, Flint, assignors to General Motors Corporation, Detroit, Mich. Machine for making air cleaner filter units. 2,154,081; Apr. 11.
Anderson, Knute G., assignor to J. L. Clark Manufacturing Co., Rockford, Ill. Metal spool. 2,147,228; Feb. 14.
Anderson, Lannes E., Collingswood, and A. T. Harding, Audubon, N. J., assignors to Radio Corporation of America. Fixed capacitor. 2,166,205; July 18.
Anderson, Launcelot E., Queens County, Long Island, and Rudolf Kuhlmann, New York, N. Y. Heat exchanger. 2,142,626; Jan. 3.
Anderson, Lawrence, New York, N. Y. Building block. 2,150,707; Mar. 14.
Anderson, Leonard H. and L. J., Bridgeport, Conn. Camp stove. 2,152,168; Mar. 28.
Anderson, Leonard J. (See Anderson, Leonard H. and L. J.)
Anderson, Leslie D., Carlsbad, N. Mex., assignor to Potash Company of America, Denver, Colo. Water repellent coating process and product produced thereby. 2,162,690; June 20.
Anderson, Leslie J., Westmont, N. J., assignor to Radio Corporation of America. Electroacoustical apparatus. 2,147,137; Feb. 14.
Anderson, Leslie J., Westmont, N. J., assignor to Radio Corporation of America. Electroacoustical apparatus. 2,173,219; Sept. 19.
Anderson, Leslie J., Westmont, N. J., assignor to Radio Corporation of America. Microphone. 2,173,994; Sept. 26.
Anderson, Leslie J., Westmont, N. J., assignor to Radio Corporation of America. Electroacoustical apparatus. 2,178,215; Oct. 31.
Anderson, Leslie J., Westmont, N. J., assignor to Radio Corporation of America. Electroacoustical apparatus. 2,178,216; Oct. 31.
Anderson, Leslie J., Westmont, N. J., assignor to Radio Corporation of America. Electroacoustical apparatus. 2,183,209; Dec. 12.
Anderson, Lloyd, Grand Rapids, Mich., assignor to National Lock Co., Rockford, Ill. Latch. 2,176,043; Oct. 17.

Anderson, Lloyd, Grand Rapids, Mich., assignor to National Lock Co., Rockford, Ill. Hinge. 2,183,210; Dec. 12.
Anderson, Lloyd L., Grand Rapids, assignor to Winters & Crampton Corporation, Grandville, Mich. Latch actuating device. 2,142,087; Jan. 3.
Anderson, Louis W., Toledo, Ohio. Edible and method of making. 2,142,088; Jan. 3.
Anderson, Lural J., South Bend, Ind., assignor to Dearborn Chemical Company, Chicago, Ill. Treating waste spray particles. 2,161,122; June 6.
Anderson, Martin E. (See Fallon, John T., assignor.)
Anderson, Martin E. (See Ratner, A., and Anderson.)
Anderson, Matt A., Dallas, Wis. Fountain pen cap latching device. 2,161,691; June 6.
Anderson, Maud L., Aurora, Ill. Hinge. 2,154,716; Apr. 18.
Anderson, Maud L., Aurora, Ill. Hinge. 2,163,576; June 27.
Anderson, Nels A., Stockton, assignor to Fibreboard Products Inc., San Francisco, Calif. Carton assembling machine. 2,183,951; Dec. 19.
Anderson, Nels G., Detroit, Mich., assignor to Aristo Corporation. Core compositions. 2,143,930; Jan. 17.
Anderson, Norman F., New Britain, Conn. Lock. 2,178,132; Oct. 31.
Anderson, Olof B. (See Auld, D. W., and Anderson.)
Anderson, Olof B., Marquette, Mich., assignor to E. J. Longyear Company, Minneapolis, Minn. Drill stem feed. 2,179,316; Nov. 7.
Anderson, Oscar M., assignor to Landers, Frary & Clark, New Britain, Conn. Electric range. 2,180,657; Nov. 21.
Anderson, Oscar M., assignor to Landers Frary & Clark, New Britain, Conn. Refrigerator apparatus. 2,181,858; Dec. 5.
Anderson, Oscar M., and N. T. Almquist, assignors to Landers, Frary & Clark, New Britain, Conn. Electric toaster. 2,155,852; Apr. 25.
Anderson, Oscar M., and N. T. Almquist, assignors to Landers, Frary & Clark, New Britain, Conn. Base for electrical household appliances. 2,172,687; Sept. 12.
Anderson, Otto, Paulsbo, Wash. Package opening device. 2,178,157; Oct. 31.
Anderson, Otto C., Whiting, Ind. Kiln ring cutting machine. 2,176,238; Oct. 17.
Anderson Products, Incorporated. (See Ahlberg, Henry B., assignor.)
Anderson Products, Incorporated. (See Lasher, L. L., Chesley and Parks, assignors.)
Anderson Products, Incorporated. (See Parks, Joseph A., Jr., assignor.)
Anderson Products, Inc. (See Upton, John, assignor.)
Anderson, Ralph L. (See Oehler, A. W., and Anderson.)
Anderson, Ralph L. (See Oehler, A. W., Anderson, and Paradise.)
Anderson, Ralph L., assignor to Deere & Company, Moline, Ill. Harvester. 2,146,521; Feb. 7.
Anderson, Ralph L., assignor to Deere & Company, Moline, Ill. Pick-up device. 2,165,088; July 4.
Anderson, Ralph L., Moline, and F. R. Martin, East Moline, assignors to Deere & Company, Moline, Ill. Corn husker. 2,167,967; Rug. 1.
Anderson, Raymond M. (See Church, Harold D., assignor.)
Anderson, Raymond M., Detroit, Mich., assignor of one-half to H. D. Church, Cleveland Heights, Ohio. Fuel control for internal combustion engines. 2,154,417; Apr. 18.
Anderson, Raymond T., Berea, assignor to The V. D. Anderson Company, Cleveland, Ohio. Press. 2,178,714; Nov. 7.
Anderson, Rexford O. (See Carson, A. H., and Anderson.)
Anderson, Robert C., assignor to Buckeye Iron and Brass Works. Dayton, Ohio. Nozzle. 2,176,699; Oct. 17.
Anderson, Robert G., Erie, Pa., assignor to General Electric Company. Locomotive storage tank arrangement. 2,175,010; Oct. 3.
Anderson, Robert G., K. J. Ahnell, and T. R. Goldsmith, Erie, Pa., assignors to General Electric Company. Air flow control apparatus. 2,153,359; Apr. 4.
Anderson, Robert H., Clifton, Bristol, England. Article for structural and other purposes. 2,151,066; Mar. 21.
Anderson, Roger, Seattle, Wash. Spinal reduction splint. 2,166,229; July 18.
Anderson, Roy J., assignor of one-fourth to L. E. Storey, Chicago, and one-fourth to J. Pabst, Evanston, Ill. Automatic bread toasting apparatus. 2,165,204; July 11.
Anderson, Roy S., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Sound reproducing system. 2,166,838; July 18.
Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Boston, Mass. Air distributor. 2,149,382; Mar. 7.
Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Inc., Boston, Mass. Air conditioning system utilizing refrigeration. 2,152,129; Mar. 28.
Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Air conditioning system. 2,155,632; Apr. 25.
Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Boston, Mass. Air conditioning system utilizing refrigeration. 2,157,685; May 9.
Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Air conditioning system. 2,158,684; May 16.
Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Air conditioning system utilizing refrigeration. 2,165,197; July 11.
Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Air conditioning system. 2,165,829; July 11.
Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Air conditioning system for passenger vehicles. 2,165,830; July 11.
Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Air conditioning system. 2,183,387; Dec. 12.
Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Boston, Mass. Ventilating apparatus. 2,183,498; Dec. 12.
Anderson, Samuel M., Sharon, assignor to B. F. Sturtevant Company, Boston, Mass. Air conditioning system. 2,184,110; Dec. 19.
Anderson, Samuel M., and R. T. Palmer, Sharon, assignors to B. F. Sturtevant Company, Boston, Mass. Air conditioning system. 2,152,130; Mar. 28.
Anderson, Samuel M., and R. T. Palmer, Sharon, assignors to B. F. Sturtevant Company, Inc., Hyde Park, Boston, Mass. Heating and humidifying system. 2,154,801; Apr. 18.
Anderson, Samuel M., and R. T. Palmer, Sharon, assignors to B. F. Sturtevant Company, Inc., Boston, Mass. Heating and humidifying system. 2,179,873; Nov. 14.
Anderson-Stolz Corporation. (See Nason, Howard K., assignor.)
Anderson, Swan F., Rockford, Ill. Dispensing apparatus. 2,150,479; Mar. 14.
Anderson, Swan F., Rockford, Ill. Method of and apparatus for packaging materials. 2,152,339; Mar. 28.
Anderson, Thomas. (See Morgan, J. D., and Anderson.)
Anderson, Thomas, Elizabeth, assignor to Power Patents Company, Hillside, N. J. Brake testing apparatus. 2,166,699; July 18.
Anderson, Thomas A., Hartwell, Ga. Cutting machine. 2,155,578; Apr. 25.
Anderson, Thomas A., Hartwell, Ga., assignor to The Patent Button Company, Waterbury, Conn. Folding and pressing attachment for sewing machines. 2,159,416; May 23.
Anderson, V. D., Company, The. (See Anderson, Raymond T., assignor.)
Anderson, V. D., Company, The. (See Zies, Carl W., assignor.)
Anderson, Verner G. (See Tideman, Carl E., assignor.)
Anderson, Victor, Cliffside Park, and D. G. Trutner, North Arlington, assignors to Alfred Hofmann & Company, West New York, N. J. Coil filament manufacture. 2,155,388; Apr. 25.
Anderson, Victor G. (See Rambush, E., and Anderson, assignors.)
Anderson, W. Charles, Linden, Calif. Double action nut huller. 2,159,307; May 23.
Anderson, W. Charles, Linden, Calif. Nut hulling and washing unit. 2,164,372; July 4.
Anderson, W. Charles, Linden, Calif. Nut huller. 2,167,704; Aug. 1.
Anderson, W. Charles, Linden, Calif. Cushion brush for nut hullers. 2,172,464; Sept. 12.
Anderson, Waldemar E., Montclair, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Tubular suspension lamp. 2,145,912; Feb. 7.
Anderson, Waldemar E., Montclair, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fuse lead construction for electric lamps. 2,183,952; Dec. 19.
Anderson, Waldemar E., Montclair, and G. A. Freeman, Bloomfield, N. J., assignors, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Mounting coiled-coil filaments. 2,145,911; Feb. 7.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Supporting foot for adding machines. 2,172,004; Sept. 5.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Paper carriage for accounting machines. 2,174,357; Sept. 26.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Accounting machine. 2,177,817; Oct. 31.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Paper holding and feeding apparatus for computing machines. 2,182,108; Dec. 5.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Ink ribbon guide for business machines. 2,182,109; Dec. 5.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Accounting machine. 2,182,110; Dec. 5.
Anderson, Walter A., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Speed governor for electric motors. 2,182,111; Dec. 5.

Anderson, Ward P. (See Shiffler, W. H. and Anderson.)
Anderson, Warren D., Bridgeport, Conn., assignor to General Electric Company. Multiple recorder. 2,171,327; Aug. 29.
Anderson, William B., West Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,143,170; Jan. 10.
Anderson, William B., West Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Evaporator. 2,143,171; Jan. 10.
Anderson, William B., West Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,159,417; May 23.
Anderson, William B., West Springfield, and J. N. Saler, Springfield, Mass., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Flexible ice tray grid. 2,149,933; Mar. 7.
Anderson, William B., West Springfield, and G. S. McCloy, East Longmeadow, Mass., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus and method. 2,181,854; Nov. 28.
Anderson, William C., Montclair, N. J. Map. 2,155,387: Apr. 25.
Anderson, William C., Fort Peck, Mont. Welding rod. 2,165,022; July 4.
Anderson, William G., Spring Lake, N. J. Antisagging support for bathtubs. 2,173,995; Sept. 26.
Anderson, William J., Bronx, and S. S. Rosen, New York, assignors to Protex Industries, Inc., New York, N. Y. Elastic seal. 2,145,284; Jan. 31.
Anderson, William M., assignor to Kerner and Anderson, Minneapolis, Minn. Toaster. 2,149,566; Mar. 7.
Anderson, William T., Jr., assignor to Hanovia Chemical and Manufacturing Company, Newark, N. J. Metal vapor arc lamp. 2,179,606; Nov. 14.
Andersson, Axel N. A., assignor to Aktiebolaget Svenska Flaktfabriken, Stockholm, Sweden. Heating radiator. 2,167,822; Aug. 1.
Andersson, Ivan, Hartford, Conn. Hair comb. 2,153,126; Apr. 4.
Andersson, Nils V., Stockholm, Sweden. Beam. 2,157,104; May 9.
Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,150,411; Mar. 14.
Andersson, Sven W. E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Liquid fuel control for burners. 2,151,001; Mar. 21.
Andersson, Sven W. E., Evansville, Ind., assignor, by mesne assignments, to Servel, Inc., Dover, Del. Regulator for refrigerating apparatus. 2,177,380; Oct. 24.
Andis, Mathew, Racine, Wis. Replaceable hair clipping blade set. 2,168,642; Aug. 8.
Andis, Mathew and M. G., Jr., Racine, Wis. Shaving device. 2,152,677; Apr. 4.
Andis, Matthew G., Jr. (See Andis, Mathew and M. G., Jr.)
Andler, Robert F., Rutherford, assignor to Electrol Incorporated, Clifton, N. J. Safety control for oil burners. 2,173,465; Sept. 19.
Andrada, Morris J., Brooklyn, N. Y., assignor to Robins Conveying Belt Company, Passaic, N. J. Apparatus for reclaiming ore and the like from storage piles. 2,171,528; Sept. 5.
Andre, Gustaf E., Richmond, Ind., assignor to Belden Manufacturing Company, Chicago, Ill. Lightning arrester. 2,149,827; Mar. 7.
Andre, Gustaf E., Richmond, Ind., assignor to Belden Manufacturing Company, Chicago, Ill. Electrical connector. 2,161,606; June 6.
Andre, Gustaf E., Richmond, Ind., assignor to Belden Manufacturing Company, Chicago, Ill. Electrical terminal. 2,161,692; June 6.
Andre, Gustaf E., Richmond, Ind., assignor to Belden Manufacturing Company, Chicago, Ill. Electric terminal. 2,173,820; Sept. 26.
Andre, Gustaf E., Richmond, Ind., assignor to Belden Manufacturing Co., Chicago, Ill. Electrical connector. 2,178,621; Nov. 7.
Andre, Jim, Detroit, Mich. Striking bag. 2,156,831; May 2.
Andreasen, Alfred C., Oak Park, Ill. Valve means. 2,157,881; May 9.
Andreatta, Alfons, assignor to Allgemeine Elektricitätz Gesellschaft, Berlin, Germany. Automatic volume control circuit. 2,144,601; Jan. 24.
Andrèn, Karl H., assignor to Artos Engineering Company, Milwaukee, Wis. Shoelace gathering mechanism. 2,177,130; Oct. 24.
Andreolo, Tony, Hackensack, N. J. Protecting shield for cooking utensils. 2,148,181; Feb. 21.
Andres, Lloyd J., Chicago, Ill. Remote control device. 2,167,061; July 25.
Andres, Lloyd J., Chicago, Ill, assignor to Automatic Instrument Company, Grand Rapids, Mich. Vibrator heater. 2,154,428; Apr. 18.
Andres, Lloyd J., Chicago, Ill., assignor to Automatic Instrument Company, Grand Rapids, Mich. Automatic phonograph. 2,175,142; Oct. 3.
Andres, Lloyd J., Chicago, Ill., assignor to Automatic Instrument Company, Grand Rapids, Mich. Record repeater. 2,177,764; Oct. 31.
Andres, Lloyd J., assignor to Automatic Instrument Company, Grand Rapids, Mich. Electric vibrator. 2,154,427; Apr. 18.
Andres, Lloyd J., Chicago, Ill., and G. A. Magruder, Grand Rapids, Mich., assignors to Automatic Instrument Company. Electric robot phonograph. 2,151,260; Mar. 21.
Andresen, Halvor T. H., Oslo, Norway. Arrangement in sail sheets. 2,151,368; Mar. 21.
Andrew, Vaughn L., Superior, Wis. Power pump unit. 2,151,067; Mar. 21.
Andrews, Albert K., Vancouver, Wash. Pneumatic treating recovery head for dehydrated concentrates. 2,153,033; Apr. 4.
Andrews, Andrew T., Rahway, N. J., assignor of one-half to Standard Commercial Tobacco Company, Inc., New York, N. Y. Making harsh tobacco mild and the resultant product thereof. 2,158,565; May 16.
Andrews, Charles W., assignor to H. A. Brassert & Company, Chicago, Ill. Removal of sulphur from molten ferrous metal. 2,146,926; Feb. 14.
Andrews, Charles W., assignor to H. A. Brassert & Company, Chicago, Ill. Filtering apparatus. 2,173,060; Sept. 12.
Andrews, Charles, and W. Hannon, Rockford, Ill., assignors to The Washburn Company, Worcester, Mass. Flour sifter. 2,153,879; Apr. 11.
Andrews, Chester E., Overbrook, and L. U. Spence, Cheltenham, assignors to Röhm & Haas Company, Philadelphia, Pa. Manufacture of trimethylamine. 2,153,405; Apr. 4.
Andrews, Chester E., Overbrook, and M. R. Fenske, State College, assignors to Röhm & Haas Company, Philadelphia, Pa. Reduction with methanol. 2,156,217; Apr. 25.
Andrews Company. (See Coddington, Howard O., assignor.)
Andrews, Edward D. (See Alderfer, Sterling W., assignor.)
Andrews, Edward F. (See Theodorsen, T., and Andrews.)
Andrews, Edward F., Chicago, Ill. Radio receiver. 2,143,532; Jan. 10.
Andrews, Edward F., Chicago, Ill. Power soarer. 2,170,958; Aug. 29.
Andrews, Forrest, et al. (See Rainey, Clifton K., assignor.)
Andrews, George S., Rye, N. Y. Chronometric tachometer. 2,160,813; June 6.
Andrews and Goodrich, Inc. (See Gautreau, Arthur G., assignor.)
Andrews, Harry I., South Norwalk, Conn. Desiccating materials. 2,143,256; Jan. 10.
Andrews, Herbert B., and J. R. Haines, assignors to American Stamping Company, Battle Creek, Mich. Method and apparatus for making tubes. 2,150,708; Mar. 14.
Andrews, John S., Los Angeles, Calif. Wall furnace. 2,163,928; June 27.
Andrews, Joseph A. (See Murphy, E. A., Trobridge, and Andrews.)
Andrews, Kinloch D., New York, N. Y., assignor to Gogan Machine Corporation, Cleveland, Ohio. Switch mechanism. 2,159,243; May 23.
Andrews, L. V. (See Nahigyan, K. K., and Andrews.)
Andrews Lead Company. (See Knapp, Alfred P., assignor.)
Andrews, Norman F. (See Coultas, W. J., and Andrews.)
Andrews, Norman F., assignor to Deere & Company, Moline, Ill. Tractor mounted implement. 2,169,909; Aug. 15.
Andrews, O. B., Company. (See Boh, George W., assignor.)
Andrews, O. B., Company. (See Scott, Raymond C., assignor.)
Andrews, O. B., Company. (See Turner, William E., assignor.)
Andrews, P. L., Corporation. (See Mertz, August A., assignor)
Andrews, Paul D., Schenectady, N. Y., assignor to General Electric Company. Temperature compensated oscillator. 2,158,844; May 16.
Andrews, Thomas C., Richmond, Va. Sorting device for loose leaves. 2,181,165; Nov. 28.
Andrews, Warren A., St. Thomas, Ontario, Canada. Stair carpet fastener. 2,145,850; Feb. 7.
Andrews, Willard E., Sycamore, Ill. Game device. 2,160,349; May 30.
Andrie, Michael B., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Handle mounting for window operating means and the like. 2,158,789; May 16.
Andrie, Michael B., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Door handle assembly. 2,164,486; July 4.
Andrieu, Robert. (See Federmann, W., Andrieu, and Heidenreich.)
Andrieu, Robert. (See Urtel, R., and Andrieu, assignors.)
Andrieu, Robert. (See Urtel, R., Andrieu, and Geiger.)
Andrieu, Robert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Serrated wave form generator. 2,143,366; Jan. 10.
Andrieu, Robert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Oscillation producing system. 2,147,229; Feb. 14.

Andrieu, Robert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electromagnetic cathode ray deflection apparatus. 2,164,891; July 4.
Andrieu, Robert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television synchronizing circuits. 2,175,335; Oct. 10.
Andrieu, Robert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Synchronizing system. 2,176,948; Oct. 24.
Andrieu, Robert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electrical impulse segregation circuit. 2,181,309; Nov. 28.
Andrieu, Robert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Sawtooth wave generator. 2,182,608; Dec. 5.
Andrix, Earl R. (See Okey, Perry, assignor.)
Andros, Nicholas, Los Angeles, Calif. Butter fork. 2,167,411; July 25.
Androsiglio, Lucio, Hoboken, N. J. Fire escape device. 2,183,953; Dec. 19.
Andrus, Leo R., et al. (See Grison, Joseph, assignor.)
Andrus, Orrin E., Altadena, Calif., assignor to A. O. Smith Corporation, Milwaukee, Wis. Hot water tank and connection. 2,179,476; Nov. 14.
Andrussow, Leonid. (See Metzger, K., and Andrussow.)
Anemostat Corporation of America. (See Kurth, Franz J., assignor.)
Anemostat Corporation of America. (See Kurth, F. J., and Honerkamp, assignors.)
Angel, Herbert, Brooklyn, and J. W. Robinson, Far Rockaway, assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph tape transmitter. 2,172,269; Sept. 5.
Angell, Baron M., Indianapolis, Ind. Freight car. 2,155,463; Apr. 25.
Angell, Charles H. (See Ackley, A. A., and Angell.)
Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,144,826; Jan. 24.
Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,151,827; Mar. 28.
Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,176,320; Oct. 17.
Angell, Charles H., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,184,069; Dec. 19.
Angers, Robert J., New Iberia, La. Foldable chair. 1,147,958; Feb. 21.
Anglada, Domingo, Bronx, assignor to Wolf Safety Lamp Co. of America, Inc., Brooklyn, N. Y. Illuminating and safety lamp. 2,151,179; Mar. 21.
Angstrom, Carl J., Ben Avon, and A. R. Kruse, West View, assignors to United Engineering & Foundry Company, Pittsburgh, Pa. Lifting hook for annealing boxes and the like. 2,142,232; Jan. 3.
Angus, Charles H., Bridgeport, Conn. Automobile circuit control. 2,143,906; Jan. 17.
Anibal, Benjamin H. (See Ericson, A. F., and Anibal.)
Animal Trap Company of America. (See Graybill, Hershey R., assignor.)
Animal Trap Company of America. (See Huebener, M. A., and Lehn, assignors.)
Animal Trap Company of America. (See Lehn, J. U., and Zahm, assignors.)
Aninga, Johannes. (See Alink, R. J. H., and Aninga.)
Ankarstran, William B., Astoria, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,163,823; June 27.
Anke, Rudolph, West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Selective thread feeding mechanism for knitting machines. 2,142,168; Jan. 3.
Anke, Rudolph, Ridge Park, Reading, assignor to Textile Machine Works, Wyomissing, Pa. Yarn feeding mechanism for straight knitting machines. 2,143,341; Jan. 10.
Anke, Rudolph, Reading, assignor to Textile Machine Works, Wyomissing, Pa. Yarn carrier rod stop mechanism for straight knitting machines. 2,161,240; June 6.
Anke, Rudolph, West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Automatic rod selector mechanism. 2,171,967; Sept. 5.
Ankenbruck, Leo S. (See Suhm, C. E., and Ankenbruck.)
Anker-Werke, A. G. (See Naumann, Willy, assignor.)
Anketell, Edward N., assignor to The A. C. Gilbert Company, New Haven, Conn. Adjusting means for optical instruments. 2,142,627; Jan. 3.
Anketell, Edward N., assignor to The A. C. Gilbert Company, New Haven, Conn. Battery holder. 2,154,653; Apr. 18.
Anketell, Edward N., assignor to The A. C. Gilbert Company, New Haven, Conn. Optical apparatus. 2,157,157; May 9.
Annen, James E. (See Sherwood, A. L., and Annen.)
Annen, James E., Kalamazoo, Mich. Container. 2,150,308; Mar. 14.
Annen, James E., assignor to Sutherland Paper Company, Kalamazoo, Mich. Container assembling apparatus. 2,155,032; Apr. 18.
Annen, James E., assignor to Sutherland Paper Company, Kalamazoo, Mich. Container. 2,172,157; Sept. 5.
Annen, James E., assignor to Sutherland Paper Company, Kalamazoo, Mich. Container assembling apparatus. 2,175,656; Oct. 10.
Annen, Robert, assignor to the firm Roulements a Billes Miniatures S. A., Bienne, Switzerland. Ball bearing for rotor shafts. 2,149,492; Mar. 7.
Annicq, Joseph, Renaix, Belgium. Spool support or core for the dyeing and for the treatment of textiles on spools. 2,158,889; May 16.
Annin & Co. (See Beard, Cameron R., assignor.)
Annis, Roger L. (See Booker, J. F., and Annis.)
Anschicks, Rudolph J., assignor to Protectoseal Company of America, Inc., Chicago, Ill. Safety can. 2,147,230; Feb. 14.
Anschicks, Rudolph J., assignor to Protectoseal Company of America, Chicago, Ill. Conservation venting device and flame arrester. 2,151,180; Mar. 21.
Anschicks, Rudolph J., assignor to Protectoseal Company of America, Inc., Chicago, Ill. Wash tank. 2,155,464; Apr. 25.
Anschütz & Co., G. m. b. H. (See Beyerle, Konrad, assignor.)
Anschutz & Co., G. m. b. H. (See Bode, R., and von Petery, assignors.)
Anschütz, Robert, assignor to Mercedes Büromaschinen-Werke Aktiengesellschaft, Zella-Mehlis, Germany. Typewriting and calculating machine. 2,143,428; Jan. 10.
Anschütz, Robert, Zella-Mehlis, Thuringia, assignor to Mercedes Buromaschinen-Werke Aktiengesellschaft, Benshausen, Germany. Computing mechanism. 2,162,691; June 20.
Ansco Corporation. (See Kumetat, K., and Gassner, assignors.)
Ansel, Harry R., assignor to The Kor-Lok Company, Cleveland, Ohio. Sheet metal joint and securing means therefor. 2,172,270; Sept. 5.
Ansel, Harry R., assignor to The Kor-Lok Company, Cleveland, Ohio. Sheet metal joint. 2,178,415; Oct. 31.
Ansel, Myrtle E., et al. (See Grison, Joseph, assignor.)
Ansel, Paul J., et al. (See Grison, Joseph, assignor.)
Anslinger, Justin V., Haubstadt, assignor of one-half to Hansen Manufacturing Company, Inc., Princeton, Ind. Feeding finger. 2,181,358; Nov. 28.
Ansonia Coated Abrasives, Inc. (See Bryan, Chester W., assignor.)
Ansonia Copper & Iron Works, Inc. (See Prigge, George F., assignor.)
Ansorge, George, Kew Gardens, N. Y. Garden hose holder. 2,153,290; Apr. 4.
Anstee, David R., Slough, England. Printing or marking mechanism, particularly for use in connection with packaging machines. 2,154,884; Apr. 18.
Anstice, Josiah, & Company. (See Anstice, Mortimer R., assignor.)
Anstice, Mortimer R., assignor to Josiah Anstice & Company, Inc., Rochester, N. Y. Bean-slicing machine. 2,160,693; May 30.
Ansul Chemical Company. (See Pope, A. C., and Pfleger, assignors.)
Ansul Chemical Company. (See Walker, W. O., and Rinelli, assignors.)
Antelme, Louis X., Paris, France. Connection device. 2,158,890; May 16.
Anthes Force Oiler Company. (See Larson, William B., assignor.)
Anthony, Alfred A., New York, N. Y. Toothpowder dispensing device. 2,170,182; Aug. 22.
Anthony, Alfred W., Jr., Belmont, assignor to Pease, Anthony Equipment Company, Cambridge, Mass. Purifying flue gases. 2,155,853; Apr. 25.
Anthony Company. (See Anthony, William C., assignor.)
Anthony Company. (See Anthony, W. C., and Wachter, assignors.)
Anthony Company. (See Howard, R. R., and Anthony, assignors.)
Anthony Company. (See Wachter, Lester, assignor.)
Anthony, David S., San Antonio, Tex. Tool holder. 2,149,038; Feb. 28.
Anthony, Elijah, Jamestown, R. I. Loose-leaf binders. 2,170,106; Aug. 22.
Anthony, Herman R. C., Madison, Wis., asignor to Ray-O-Vac Company. Socket member. 2,175,768; Oct. 10.
Anthony, Mark W., Houston, Tex. Thread cutting machine. 2,159,308; May 23.
Anthony, William C. (See Howard, R. R., and Anthony.)
Anthony, William C., assignor to Anthony Company, Streator, Ill. Dumping body. 2,144,599; Jan. 17.
Anthony, William C., and L. Wachter, assignors to Anthony Company, Inc., Streator, Ill. Tipping mechanism. 2,146,166; Feb. 7.
Anthracite Industries, Inc. (See Staley, William K., assignor.)
Anthracite Separator Company. (See Pardee, Frank, assignor.)
Anti-Abradants (Proprietary) Limited. (See Haarhoff, Daniel van der M., assignor.)
Anti-Freezer Company, The. (See Farmer, C. C., and Wood, assignors.)
Antisell, Frank L., Wilkinsburg, assignor to Copperweld Steel Company, Glassport, Pa. Steam cleaning of the core in the process of electrodeposition of metal thereon. 2,142,486; Jan. 3.

Anton, Archie C., Sheldon, Iowa. Dowel center marker. 2,147,511; Feb. 14.
Anton, Douglas. (See Simonson, Alfred J., assignor.)
Anton, Frederick A., Topeka, Kans., assignor of one-half to The Astrup Company, Cleveland, Ohio. Lateral arm awning. 2,144,827; Jan. 24.
Anton, Kurt. (See Jenny, A., Budiloff, Becker, and Anton.)
Antonelli, Leonida, Padova, assignor to Ufficio Tecnico Industriale Tessili Artificiali, Rome, Italy. Lathe. 2,144,955; Jan. 24.
Antonelli, Orazio J., Fall River, Mass. Sewing machine attachment. 2,177,854; Oct. 31.
Antonietta, Joseph, Port Richmond, Staten Island, N. Y. Variable condenser. 2,172,725; Sept. 12.
Antonsen, Anker K., Skaneateles, N. Y., assignor to Fairbanks, Morse & Co., Chicago, Ill. Starting system. 2,148,227; Feb. 21.
Antony, Henry, Brooklyn, N. Y. Hand protector for knives. 2,184,902; Dec. 26.
Antos, Joseph, assignor to Western-Austin Company, Aurora, Ill. Grader. 2,183,058; Dec. 12.
Antrainer, Arthur H. (See Herschel, W. S., and Antrainer.)
Apex Electrical Manufacturing Company, The. (See Frantz, Walter A., assignor.)
Apex Electrical Manufacturing Company, The. (See Frantz, W. A., and McCabe, assignors.)
Apex Electrical Manufacturing Company, The. (See Holland, Sidney S., assignor.)
Apex Electrical Manufacturing Company, The. (See McCabe, John J., assignor.)
Apex Electrical Manufacturing Company, The. (See McCabe, J. J., and Seyfried, assignor.)
Aplin, H. G., et al. (See Spangler, John H., assignor.)
Apotheker, Carl. (See Bonhôte, G., and Apotheker.)
Apotheker, Carl. (See Pool, E., Bonhôte, and Apotheker.)
Apotheker, Carl, and M. Hartmann, Riehen, and E. Merz, Binningen, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs. 2,159,542; May 23.
Appel, Samuel, et al. (See Appel, Sydney, assignor.)
Appel. Saul C., Medford, Mass. Sound absorbing unit. 2,152,169; Mar. 28.
Appel, Sydney, Newark, assignor of one-third to W. J. Foster, Little Ferry, and one-third to S. Appel, Newark, N. J. Screen control. 2,166,745; July 18.
Appel, Walter D., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Hydraulic valve tappet. 2,160,257; May 30.
Appell, Gunnard, Des Moines, Iowa. Vehicle coupling. 2,151,181; Mar. 21.
Apple, Albert G. (See Clyne, James B., assignor.)
Apple, Bessie D. (See Cotterman, Frederick W., assignor.)
Applebaum, Samuel B., assignor to The Permutit Company, New York, N. Y. Water treating apparatus. 2,179,246; Nov. 7.
Appleby, James P., Anoka, assignor to The Federal Cartridge Corporation, Minneapolis, Minn. Air pistol. 2,151,676; Mar. 28.
Appleby, James P., assignor to Federal Cartridge Corporation, Anoka, Minn. Air gun. 2,156,797; May 2.
Appleford Paper Products, Ltd. (See Lawson, Albert R., assignor.)
Applegarth, George A., San Francisco, Calif. Plunger valve. 2,148,891; Feb. 28.
Applegate, Daniel H., Red Bank, N. J. Flexible window screen. 2,144,282; Jan. 17.
Applegate, J. Simms, et al. (See Lyda, Arthur W., assignor.)
Applegate, Robert R., Shaker Heights, Ohio. Welding electrode. 2,148,182; Feb. 21.
Applegate, Robert R., Shaker Heights, Ohio. Electrode. 2,148,228; Feb. 21.
Appleton, Charles, Vancouver, British Columbia, Canada. Rotary internal combustion engine. 2,146,877; Feb. 14.
Appleton Coated Paper Company, The. (See Hefti, Hans, assignor.)
Appleton Electric Company. (See Tornblom, Nils A., assignor.)
Appleton, Lewis W. (See Schnoll, N., and Appleton.)
Appleton Machine Company, The. (See Buchanan, Edward L., assignor.)
Appleton Music Publication, Inc. (See Moore, E. C. (assignor), and Challoner.)
Appleton Wire Works, Inc. (See Buchanan, William E., assignor.)
Appleyard, Kenelm C., Birtley, and S. D. Pollitt, Newcastle-on-Tyne, assignor of one-third to The Birtley Company Limited, Birtley, England. Vibratory chute. 2,164,676; July 4.
Appliance Products Company. (See Gill, Clarence L., assignor.)
Applied Arts Corporation. (See De Boer, Rudolph F., assignor.)
Apprill, Harry, Hermann, Mo. Machine for crushing cans. 2,178,461; Oct. 31.
Aqua-Electric Corporation. (See Negus, Robert L., assignor.)
Aqua Systems Inocroporated. (See Peter, William J., assignor.)
Arace, Thomas R., Irvington, N. J., assignor of one-half to A. Sherri, New York, N. Y. Dress and lip protector. 2,181,986; Dec. 5.
Arado Flugzeugwerke Gesellschaft mit beschränkter Haftung. (See Blume, Walter, assignor.)
Arado Flugzeugwerke Gesellschaft mit beschränkter Haftung. (See Rethel, Walter, assignor.)
Arado Flugzeugwerke Gesellschaft mit Beschränkter Haftung. (See Scheu, Siegfried, assignor.)
Aram, Eric H. G. (See Hardy, R. D., Machen, and Aram.)
Arbogast, Alfred C., assignor to Northern Indiana Brass Company, Elkhart, Ind. Valve. 2,146,878; Feb. 14.
Arbogast, Alfred C., assignor to Northern Indiana Brass Company, Elkhart, Ind. Ball cock. 2,158,267; May 16.
Arbogast, Alfred C., assignor to Northern Indiana Brass Company, Elkhart, Ind. Die mechanism. 2,168,641; Aug. 8.
Arbogast, Alfred C., assignor to Northern Indiana Brass Company, Elkhart, Ind. Core for electrodepositing pipe couplings. 2,181,256; Nov. 28.
Arbogast, Alfred C., assignor to Northern Indiana Brass Company, Elkhart, Ind. Core for producing pipe couplings by electrodeposition. 2,181,257; Nov. 28.
Arbogast, Johnson A., Akron, Ohio. Artificial fish bait. 2,168,894; Aug. 8.
Arbogast, Johnson A., Akron, Ohio. Fish lure. 2,184,330; Dec. 26.
Arboit, John D., Brooklyn, N. Y. Retractable pen point holder. 2,181,776; Nov. 28.
Arborio, John, Poughkeepsie, N. Y. Form for molding concrete pipes. 2,181,958; Dec. 5.
Arborio, John, Poughkeepsie, N. Y. Making perforated concrete pipes. 2,181,959; Dec. 5.
Arbuckle, S. F., Corporation. (See Arbuckle, Samuel F., assignor.)
Arbuckle, S. F., Corp. (See Arbuckle, S. F., and Coulter, assignors.)
Arbuckle, Samuel F., Highland Park, assignor to S. F. Arbuckle Corporation, Detroit, Mich. Illuminated indicium. 2,147,959; Feb. 21.
Arbuckle, Samuel F., Highland Park, assignor to United Lens Corporation, Detroit, Mich. Signaling system. 2,159,496; May 23.
Arbuckle, Samuel F., Highland Park, Mich., assignor to S. F. Arbuckle Corporation. Sign. 2,178,715; Nov. 7.
Arbuckle, Samuel F., and G. H. Coulter, Highland Park, Mich., assignors to S. F. Arbuckle Corp. Sign. Re. 21,013; Feb. 28.
Arbuckle, Samuel F., and G. H. Coulter, Highland Park, assignors to United Lens Corporation, Detroit, Mich. Lamp. 2,152,834; Apr. 4.
Arc Rays Treating Laboratories, Ltd. (See Rold, Robert R., assignor.)
Arcade Manufacturing Company. (See Sward, Delbert, assignor.)
Arcadia Hosiery Co. (See Weisbecker, Frank G., assignor.)
Arcelon, John, Mount Vernon, N. Y. Switch. 2,152,450; Mar. 28.
Archea, Walter D., and C. E. Brown, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Machine tool. 2,143,533; Jan. 10.
Archer-Daniels-Midland Company. (See Haas, Frank C., assignor.)
Archer, Douglas R., Brooklyn, N. Y., assignor to Archer Rubber Products Company. Kneeler. 2,175,011; Oct. 3.
Archer, Erling B., Flushing, N. Y. Paint brush attachment. 2,175,587; Oct. 10.
Archer, Frederick W. (See Sitkin, J. J., and Archer.)
Archer, George E., South Whitley, Ind. Emergency highway signal. 2,160,426; May 30.
Archer, George F., New York, N. Y. Water heating means. 2,143,755; Jan. 10.
Archer, Merton T. (See Durrell, E. L., and Archer.)
Archer Rubber Products Company. (See Archer, Douglas R., assignor.)
Archbald, Ralph H., Burgh Heath, England. Rate of climb indicator. 2,171,298; Aug. 29.
Archibald, Arnold A., Hollis, assignor to Magnetic Analysis Corporation, Long Island City, N. Y. Heat treatment of magnetizable bodies. 2,143,672; Jan. 10.
Archibald, Francis M., Elizabeth, N. J., assignor to Standard Oil Development Company. Removing ash-forming constituents from a residual petroleum oil. 2,157,315; May 9.
Archibald, Francis M., Elizabeth, N. J., assignor to Standard Alcohol Company. Olefin polymerization. 2,171,250; Aug. 29.
Archibald, Kenneth W., National City, Calif. Rapid action ratchet torque applicator. 2,172,490; Sept. 12.
Archibald, Peter K. (See Montgomerie, J. A., and Archibald.)
Ardco Manufacturing Co. (See Stern, Charles, assignor.)
Arden, Elizabeth, Inc. (See Guglielmi, Guillaume, assignor.)
Arden Farms, Inc. (See Berch, S. H., Ray and Chase, assignors.)
Arden Farms, Inc. (See Berch, Samuel H., assignor.)
Arden Farms, Inc. (See Ray, Don, assignor.)
Arden, Thomas R., Baldwin, N. Y., assignor to Ultrad Products, Incorporated. Effective length adjusting means for apparel elements. 2,153,068; Apr. 4.
Arden, Thomas R., Baldwin, N. Y., assignor to Ultrad Products, Incorporated. Sighting means for guns. 2,155,389; Apr. 25.

Arden, Thomas R., Baldwin, assignor to Ultrad Products, Incorporated, Jamaica, N. Y. Sighting means for guns. 2,155,390; Apr. 25.
Arden, Thomas R., Baldwin, N. Y., assignor to Ultrad Products, Incorporated. Sight for toy guns. 2,155,391; Apr. 25.
Ardito, William, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Display case. 2,181,637; Nov. 28.
Ardon Co. (See Illsche, Arthur, assignor.)
Ardron, Gerald L., Seattle, Wash., assignor to Continental Can Company, Inc., New York, N. Y. Machine for hand seaming in vacuum. 2,183,903; Dec. 19.
Arehart, David D., assignor to Palace Travel Coach Corporation, Flint, Mich. Motor vehicle trailer. 2,168,147; Aug. 1.
Arehart, David D., assignor to Palace Travel Coach Corporation, Flint, Mich. Draft apparatus for trailers. 2,168,148; Aug. 1.
Arehart, David D., assignor to Palace Travel Coach Corporation, Flint, Mich. Trailer draft rigging. 2,176,878; Oct. 24.
Areiter, John, Lynbrook, N. Y. Preparing icing. 2,152,170; Mar. 28.
Arenberg, Albert L., Highland Park, assignor to Patent License Corporation, Chicago, Ill. Lighting fixture. 2,163,225; June 20.
Arenberg, Albert L., Highland Park, assignor to Patent License Corporation, Chicago, Ill. Lighting fixture. 2,167,383; July 25.
Arenberg, David L., Rochester, and P. M. Roope, Worcester, Mass. Measuring apparatus. 2,149,756; Mar. 7.
Arends, John H., Maplewood, N. J. Attachment for rocking chairs. 2,169,550; Aug. 15.
Arendt, Paul, Berlin-Zehlendorf, and W. M. Hahnemann, Berlin-Marienfelde, assignors, to C. Lorenz Aktiengesellschaft, Berlin-Temphelhof, Germany. Combined space and wired radio receiver. 2,151,884; Mar. 28.
Arens, Charles A., Chicago, Ill. Cable construction. 2,146,412; Feb. 7.
Arens, Charles A., Chicago, Ill. Holding or locking device. 2,161,661; June 6.
Arensberg, Francis L., assignor to Reymer & Brothers, Incorporated, Pittsburgh, Pa. Beverage dispenser. 2,145,331; Jan. 31.
Arentzen, Einar M., Franklin, Pa., assignor, by mesne assignments, to Joy Fastener Company. Making fastener elements. 2,148,672; Feb. 28.
Arentzen, Einar M., Franklin, Pa., assignor, by mesne assignments, to Joy Fastener Company. Machine for making zipper fasteners. 2,148,673; Feb. 28.
Arentzen, Einar M., assignor to Joy Manufacturing Company, Franklin, Pa. Side discharge loading mechanism. 2,165,205; July 11.
Arey, Gordon C., Indian Hill, Ohio. Safety razor and blade therefor. 2,144,041; Jan. 17.
Arey, Ralph G., Swampscott, Mass., assignor to General Electric Company. Hook-on measurement device. 2,146,555; Feb. 7.
Argant, Henri, Paris, and H. Chanay and G. Robatel, assignors to Société Anonyme "Ateliers Robatel & Buffaud", Lyon, and Société Anonyme "Compagnie Nationale de Matières Colorantes et Manufactures de Produits Chimiques du Nord Réunies, Etablissements Kuhlmann", Paris, France. Centrifuge for chemical reactions. 2,184,033; Dec. 19.
Argo, Roy W., Muskegon, Mich. Wrist watch movement holder. 2,178,296; Oct. 31.
Arieti, Eugene, Springfield, Mass. Creeper. 2,162,928; June 20.
Ariotti, Guido, Stamford, Conn., assignor to Atlas Powder Company, Wilmington, Del. Hammered metal finish. 2,151,312; Mar. 21.
Aris Gloves, Inc. (See Steinberger, Irwin, assignor.)
Arisman, Mervin B., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Control unit construction. 2,177,126; Oct. 24.
Aristo Corporation. (See Anderson, Nels G., assignor.)
Arit, Oscar H., Zwickau, assignor to Auto Union Aktiengesellschaft, Chemnitz, Germany. Springing arrangement for vehicles. 2,162,291; June 13.
Arkell, Bartlett. (See Townsend, Harry E., assignor.)
Arkell Safety Bag Company. (See Greene, Edwin D., assignor.)
Arkell Safety Bag Company. (See Robinson, Francis T., assignor.)
Arkell & Smiths. (See Tooker, John N., assignor.)
Arkin, Jules, Warsaw, Poland, and E. Mille, Paris, France. Apparatus for creating a layer of secondary air and steam above a hearth. 2,165,880; July 11.
Arkin, Sidney, Chicago, Ill. Grave marker and other indicator. 2,153,229; Apr. 4.
Arkus, James H., New York, N. Y. Sliding groove lock. 2,157,316; May 9.
Arma Engineering Co. (See Agins, George, assignor.)
Arma Engineering Co. (See Davis, A. P., and Agins, assignors.)
Armacost, Wilbur H., assignor to The Superheater Company, New York, N. Y. Superheater boiler. 2,152,340; Mar. 28.
Armacost, Wilbur H., assignor to The Superheater Company, New York, N. Y. Superheater boiler. 2,157,746; May 9.
Armbrust Chain Company. (See Hess, William F., assignor.)
Armbruster, Eugen, Bergisch-Gladbach, assignor to Voigtlander & Sohn Aktiengesellschaft, Brunswick, Germany. Range finder. 2,167,229; July 25.
Armentrout, Arthur L. (See Hall, E. B., and Armentrout.)
Armentrout, A. L., et al. (See Pieper, Howard K., assignor.)
Armentrout, Arthur L., Los Angeles, and C. H. Phillips, Long Beach, Calif.; said Phillips assignor of one-fourth to said Armentrout. Apparatus for recovering objects from wells. 2,154,654; Apr. 18.
Armentrout, Arthur L., and E. B. Hall, Los Angeles, Calif., assignor to Security Engineering Co. Inc. Method and apparatus for producing fluid from wells. 2,164,266; June 27.
Armentrout, Arthur L., and R. Gudie, assignors to Baggah Corporation, Los Angeles, Calif. Determining the position of cement slurry in a well bore. 2,171,840; Sept. 5.
Armentrout, Arthur L., and E. B. Hall, Los Angeles, Calif., assignors to Security Engineering Co., Inc. Method and apparatus useful in the production of wells. 2,173,033; Sept. 12.
Armentrout, Arthur L., and E. B. Hall, assignors of one-third to V. P. Baker, Los Angeles, Calif. Producing wells. 2,173,034; Sept. 12.
Armentrout, Arthur L., and E. B. Hall, Los Angeles, Calif., assignors to Security Engineering Co. Inc. Sidetracking wells. 2,173,035; Sept. 12.
Armington, Arthur P. (See Double, W. F., and Armington.)
Armington, Arthur P., Willoughby, assignor to The Euclid Road Machinery Company, Euclid, Ohio. Interchangeable vehicle chassis and body. 2,144,042; Jan. 17.
Armington, Arthur P., Willoughby (K. S. Armington, executrix), and W. F. Double, Wickliffe, assignors to The Euclid Road Machinery Company, Euclid, Ohio. Trailer vehicle dolly. 2,177,236; Oct. 24.
Armington, Katherine S., administratrix. (See Armington, A. P., and Double.)
Armistead, George, Jr., Scarsdale, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Motor fuel production. 2,179,989; Nov. 14.
Armitage, John L., and J. E. Sharp, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Container and closure. 2,157,842; May 9.
Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Machine tool. 2,157,471; May 9.
Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Precision apparatus for machine tools. 2,158,649; May 16.
Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Machine tool transmission and control mechanism. 2,169,484; Aug. 15.
Armitage, Joseph B., Wauwatosa, assignor to Kearney & Trecker Corporation, West Allis, Wis. Milling machine. 2,182,421; Dec. 5.
Armitage, Wilfred. (See Lawson, R. H., and Armitage.)
Armour and Company. (See Coyner, James M., assignor.)
Armour and Company. (See Eikel, Karl C., assignor.)
Armour and Company. (See Harwood, J., and Pool, assignors.)
Armour and Company. (See Hazekamp, Herman H., assignor.)
Armour and Company. (See Keil, Havard L., assignor.)
Armour and Company. (See Keil, H. L., and Stout, assignors.)
Armour and Company. (See Koenig, Harry J., assignor.)
Armour and Company. (See Littlefield, Verne D., assignor.)
Armour & Company. (See Porsche, J. D., Pike and Gabby, assignors.)
Armour and Company. (See Potts, R. H., and Colt, assignors.)
Armour and Company. (See Ralston, Anderson W., assignor.)
Armour and Company. (See Ralston, A. W., and Christensen, assignors.)
Armour and Company. (See Ralston, A. W., and Pool, assignors.)
Armour and Company. (See Ralston, A. W., and Selby, assignors.)
Armour and Company. (See Ralston, A. W., and Vander Wal, assignors.)
Armour and Company. (See Wyatt, B. L., and Thompson, assignors.)
Arms, George L., and F. E. McGovern, Columbus, Ohio, assignors to The Jeffrey Manufacturing Company. Material handling apparatus. 2,184,788; Dec. 26.
Arms, Leland J., San Francisco, Calif. Soap holder and applicator. Re. 21,307; Dec. 26.
Arms, Merton H., assignor to Bryant Chucking Grinder Company, Springfield, Vt. Grinding machine. 2,176,985; Oct. 24.
Arms, Ray W. (See Rakowsky, V., Arms, and Hebbard.)
Armspear Manufacturing Company. (See Pixley, Judson S., assignor.)
Armstrong, Adam E., assignor to Armstrong Machine Works, Three Rivers, Mich. Moisture control system for paper drying machines and method. 2,148,720; Feb. 28.

Armstrong-Blum Mfg. Co. (See Blum, George J., assignor.)
Armstrong-Bray & Co. (See Bray, Albright, assignor.)
Armstrong Bros. Tool Co. (See Rhinevault, Harry A., assignor.)
Armstrong, Charles E., Portland, assignor to Armstrong Heat Control Company, Corvallis, Oreg. Automatic temperature regulating system. 2,153,859; Apr. 11.
Armstrong, Charles E., Portland, assignor to Armstrong Heat Control Company, Corvallis, Oreg. Indirect heating system. 2,174,546; Oct. 3.
Armstrong Cork Company. (See Baldwin, Alfred W., assignor.)
Armstrong Cork Company. (See Barnes, Spencer L., assignor.)
Armstrong Cork Company. (See Clark, Ralph R., assignor.)
Armstrong Cork Company. (See Claxton, E., and Paschke, assignors.)
Armstrong Cork Company. (See Claxton, E., Schrader, and Swarr, assignors.)
Armstrong Cork Company. (See Colby, Allan B., assignor.)
Armstrong Cork Company. (See Du Bois, David I., assignor.)
Armstrong Cork Company. (See Mowrer, Clair, assignor.)
Armstrong Cork Company. (See Park, Arthur D., assignor.)
Armstrong Cork Company. (See Pennell, Philip H., assignor.)
Armstrong Cork Company. (See Smith, D. F., and Close assignors.)
Armstrong, Dale, Washington, D. C. Armature and coil winding machine. 2,173,091; Sept. 19.
Armstrong, Edwin H., New York, N. Y. Radio transmitting system. 2,169,212; Aug. 15.
Armstrong, Frank E. (See Beckham, W. K., and Armstrong.)
Armstrong, Frank E., et al. (See Fuller, Cornell G., assignor.)
Armstrong, Frank H., Michigan City, Ind., assignor, by mesne assignments, to Cardox Corporation. Apparatus for breaking material. 2,146,879; Feb. 14.
Armstrong, Fullerton G. G., assignor to The Armstrong's Patent Co. Ltd., Beverly, East Yorkshire, England. Hydraulic shock absorber or the like damping means. 2,162,292; June 13.
Armstrong, Fullerton G. G., Beverley, East Yorkshire, England. Door lock. 2,162,929; June 20.
Armstrong, Fullerton G. G., Beverley, England. Switch mechanism for a multiple coil solenoid. 2,174,433; Sept. 26.
Armstrong, Fullerton G. G., Beverley, England. Hydraulic shock absorber and the like damping means. 2,182,271; Dec. 5.
Armstrong, Fullerton G. G., Beverley, England. Hydraulic shock absorber and the like damping means. 2,182,272; Dec. 5.
Armstrong, George C. (See Ellis, D., and Armstrong.)
Armstrong, George C., and D. Ellis, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical contactor. 2,157,843; May 9.
Armstrong, George C., and D. Ellis, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company. East Pittsburgh, Pa. Electromagnet with shading coil. 2,157,844; May 9.
Armstrong, George C., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control device. 2,162,521; June 13.
Armstrong, Harry H., and A. B. Menefee, Beverly Hills, Calif., assignors to Tungsten Electrodeposit Corporation, Washington, D. C. Spark plug. 2,143,853; Jan. 17.
Armstrong, Harry H., and A. B. Menefee, Beverly Hills, Calif., assignors to The Tungsten Electrodeposit Corporation, Washington, D. C. Electroplating method and product. 2,145,241; Jan. 31.
Armstrong, Harry H., and A. B. Menefee, Beverly Hills, Calif., assignors to Tungsten Electrodeposit Corporation, Washington, D. C. Electroplating method and product. 2,145,745; Jan. 31.
Armstrong, Harry H., and A. B. Menefee, Beverly Hills, Calif., assignors to Tungsten Electrodeposit Corporation, Washington, D. C. Anode for electrodeposition of tungsten. 2,145,746; Jan. 31.
Armstrong, Harry H., and A. B. Menefee, Beverly Hills, Calif., assignors to Tungsten Electrodeposit Corporation, Washington, D. C. Thermionic tube. 2,149,656; Mar. 7.
Armstrong, Harry H., and A. B. Menefee, Beverly Hills, Calif., assignors to Tungsten Electrodeposit Corporation, Washington, D. C. Thermionic tube. 2,149,657; Mar. 7.
Armstrong, Harry H., and A. B. Menefee, Beverly Hills, Calif., assignors to Tungsten Electrodeposit Corporation, Washington, D. C. Thermionic tube. 2,149,658; Mar. 7.
Armstrong, Harry H., and A. B. Menefee, Beverly Hills, Calif., assignors to Tungsten Electrodeposit Corporation, Washington, D. C. Electrodeposition of Tungsten alloys. 2,160,321; May 30.
Armstrong, Harry H., and A. B. Menefee, Beverly Hills, Calif., assignors to Tungsten Electrodeposit Corporation, Washington, D. C. Electrodeposition of Tungsten alloys. 2,160,322; May 30.
Armstrong Heat Control Company. (See Armstrong, Charles E., assignor.)
Armstrong, Henry, assignor to Vibra-Lite Limited, Montreal, Quebec, Canada. Method of and apparatus for illuminating displays. 2,178,462; Oct. 31.
Armstrong, Henry, Montreal, Quebec, and R. S. S. Jones, Toronto, Ontario, assignors to Vibra-Lite Limited, Montreal, Quebec, Canada. Method of and apparatus for illuminating a chromatically variegated display. 2,154,829; Apr. 18.
Armstrong, Howard E., Johnson City, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Skiving machine. 2,159,001; May 23.
Armstrong, James A., Monrovia, Calif. Bleaching nut shells. 2,155,923; Apr. 25.
Armstrong, John, Bayonne, N. J. Golf ball holder. 2,159,122; May 23.
Armstrong, Leonard J., Port Richmond, Staten Island, N. Y. Timer. 2,153,540; Apr. 11.
Armstrong, Lyle C., Detroit, Mich. Automobile aerial. 2,160,192; May 30.
Armstrong Machine Works. (See Armstrong, Adam E., assignor.)
Armstrong, Merwin, Hinsdale, assignor to Page Engineering Company, Chicago, Ill. Cable reel. 2,157,781; May 9.
Armstrong Paint & Varnish Works. (See Gray, Jesse L., assignor.)
Armstrong, Paul H., Orange, N. J. Floating pilot shaft. 2,178,331; Oct. 31.
Armstrong Products Corporation. (See Atkinson, G. E., and Jones, assignors.)
Armstrong, Reginald B., Chelmsford, England, assignor to Radio Corporation of America. Receiver control circuit. 2,171,639; Sept. 5.
Armstrong-Taylor, Duncan, Paris, France. Transmission device. 2,169,822; Aug. 15.
Armstrong, Thomas, assignor to Western Paper Converting Company, Salem, Oreg. Dispensing package. 2,170,230; Aug. 22.
Armstrong, Victor C., Short Hills, N. J., assignor to Poor & Company, New York, N. Y. Rail joint bar. 2,162,293; June 13.
Armstrong, Victor C., Short Hills, N. J., assignor to Poor & Company, New York, N. Y. Spike. 2,169,132; Aug. 8.
Armstrong, Sir W. G., Whitworth & Co. (Engineers) Limited. (See Thomas, Kurt, assignor.)
Armstrong Whitworth Securities Company. (See Kadenacy, Michel, assignor.)
Armstrong's Patent Co. Ltd., The. (See Armstrong, Fullerton G. G., assignor.)
Armytage, Frederick W., Knottingley, England. Machine for the manufacture of glass bottles and the like. 2,147,393; Feb. 14.
Arndt, Franklin E., Galion, Ohio, assignor to Galion Iron Works and Manufacturing Company. Road working machine. 2,142,985; Jan. 10.
Arndt, Franklin E., Galion, Ohio, assignor to The Galion Iron Works & Mfg. Co. Road grader. 2,147,631; Feb. 21.
Arndt, Franklin E., Galion, Ohio, assignor to The Galion Iron Works and Manufacturing Company. Road Building machine. 2,160,193; May 30.
Arndt, Franklin E., Galion, Ohio, assignor to Galion Iron Works and Manufacturing Company. Road planer. 2,160,376; May 30.
Arndt, Franz, Berlin-Charlottenburg, A. Rausch, Berlin-Zehlendorf, and W. Staffel, Berlin-Tegel, Germany, assignors to General Electric Company. Electric controller. 2,160,635; May 30.
Arndt, George, New York, N. Y. Advertising novelty. 2,152,299; Mar. 28.
Arndt, Herman F., Green Lake, Wis. Mouse trap. 2,144,956; Jan. 24.
Arndt, Max, Berlin, Germany. Sound recording system. 2,169,910; Aug. 15.
Arnesen, Walter A. (See Schwartz, Louis H., assignor.)
Arnesen, Walter A., New York, N. Y. Otoscope and similar instrument. 2,154,885; Apr. 18.
Arness, William B., Baltimore, Md. Rustless iron. 2,150,901; Mar. 21.
Arnest, Harry L., Arlington, Va. Electric outlet box. 2,149,719; Mar. 7.
Arnett, Roy. (See Thomason, J., and Arnett.)
Arning, Paul. (See Brinkman, Ewald.)
Arnold, Arthur B., and B. Spieth, assignors to Modine Manufacturing Company, Racine, Wis. Driving connection. 2,156,047; Apr. 25.
Arnold August, Brussels, Belgium, assignor to General Electric Company. Telemetering. 2,168,149; Aug. 1.
Arnold, Carl, Nuremberg, Germany. Mechanical toy in the form of a soldier throwing a hand-grenade. 2,151,546; Mar. 21.
Arnold, Charles F. (See Bouvy, C. H., and Arnold.)
Arnold, Charles F. (See Cole, E. N., and Arnold.)
Arnold, Charles H., assignor to The National Cash Register Company, Dayton, Ohio. Switch for electric drives for calculating machines. 2,142,341; Jan. 3.

Arnold, Charles H., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,165,439; July 11.
Arnold, Charles B., assignor to Seymour & Peck Co., Chicago, Ill. Sieve. 2,181,718; Nov. 28.
Arnold, Charles H., assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,183,829; Dec. 19.
Arnold, Ferd L., assignor to West Virginia Newspaper Publishing Company, Morgantown, W. Va. Slug-casting apparatus. 2,174,714; Oct. 3.
Arnold, Harold W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making aliphatic polyureas. 2,145,242; Jan. 31.
Arnold, Harold W., and P. Rolland Austin, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. N-cyclopentylamides of carboxylic acids. 2,151,369; Mar. 21.
Arnold, Lloyd, Chicago, assignor to Board of Trustees of the University of Illinois, Urbana, Ill. Container for liquids. 2,151,727; Mar. 28.
Arnold, Luther B., Jr. (See Lubs, H. A., and Arnold.)
Arnold, Luther B., Jr., Fairville, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Fibrous product. 2,142,986; Jan. 10.
Arnold, Luther B., Jr., Fairville, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Softening agent. 2,180,133; Nov. 14.
Arnold, Philip S., Flint, Mich. Fuel burner. 2,175,866; Oct. 10.
Arnold Print Works. (See Jones, Albert S., assignor.)
Arnold, Richard C. (See Boland, T. H., and Arnold.)
Arnold, Ross H. (See Jauch, R. J., Polhamus, and Arnold.)
Arnold, Ross H., and W. G. Polhamus, Fort Wayne, Ind., and H. Somervell, Evanston, Ill., assignors to The Wayne Pump Company, Fort Wayne, Ind. Liquid dispensing apparatus. 2,159,625; May 23.
Arnold, Ross H., and F. W. Sturm, assignors to The Wayne Pump Company, Fort Wayne, Ind. Fluid meter. 2,144,748; Jan. 24.
Arnold, William A., Wauwatosa, Wis. Dehydrator. 2,143,505; Jan. 10.
Arnold, William W., Jr., Knoxville, Tenn. Self-balancing creel. 2,179,247; Nov. 7.
Arntzen, Incorporated. (See Arntzen, Ole B., assignor.)
Arntzen, Ole B., assignor to Arntzen, Incorporated, Seattle, Wash. Liquid gauge. 2,166,779; July 18.
Arntzen, William F., Chicago, Ill. Adjusting means for doughnut making apparatus. 2,144,908; Jan. 24.
Aro Equipment Corporation, The. (See Ginter, Charles W., assignor.)
Arola, Ilmari E., Worcester, Mass. Fluid dispenser. 2,148,335; Feb. 21.
Aron, Daniel A., Brookline, Mass. Table. 2,146,413; Feb. 7.
Aronov, Philip, and W. H. Scott, assignors to A. & S. Shoe Engineering Co., Inc., Chicago, Ill. Shoe lasting device. 2,177,682; Oct. 31.
Aronson, Jacob I., Brookline, Mass. Sporting jacket. 2,143,931; Jan. 17.
Aronson, Louis V., Newark, N. Y., assignor to Art Metal Works, Inc. Torch igniting apparatus. 2,152,451; Mar. 28.
Aronson, Louis V., Newark, N. Y., assignor to Art Metal Works, Inc. Pyrophoric flame producing mechanism. 2,152,452; Mar. 28.
Aronson, Louis V., Newark, N. J. Electric shaving device. 2,166,035; July 11.
Arpin, Leonard G., Jackson Heights, N. Y. Hair curling device. 2,163,524; June 20.
Arps, Edmund J., assignor to Duo-Safety Ladder Corporation, Oshkosh, Wis. Ladder. 2,153,127; Apr. 4.
Arquette, Russell C. (See Stone, F. B., Arquette, and Rossetter, C. F. and R. J.)
Arras, Damiano, New Britain, Conn. Hose clamp. 2,180,271; Nov. 14.
Arrighi, Pietro, Oakland, Calif. Thermostatic air valve for combustion engines. 2,145,230; Jan. 31.
Arrow-Hart & Hegeman Electric Company, The. (See Bentley, Robert H., assignor.)
Arrow-Hart & Hegeman Electric Company, The. (See Dahl, Magnus G., assignor.)
Arrow-Hart & Hegeman Electric Company, The. (See Yeske, Louis A.)
Arroyo, Rafael, Rio Piedras, assignor, by mesne assignments, to Borinquen Associates, Inc., San Juan, P. R. Fermentation process for producing butyric acid. 2,181,310; Nov. 28.
Arroyo, Rafael, Rio Piedras, assignor to Borinquen Associates, Inc., San Juan, P. R. Culture for butyric acid fermentation. 2,181,311; Nov. 28.
Artcraft Silk Hosiery Mills, Inc. (See Richter, Emil F., assignor.)
Art Metal Construction Company. (See Finch, Raymond C., assignor.)
Art Metal Construction Company. (See Jones, James R., assignor.)
Art Metal Construction Company. (See Jones, J. R., and Gronberg, assignors.)
Art Metal Works, Inc. (See Aronson, Louis V., assignor.)
Arthur, Harry J., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for handling strip material. 2,158,790; May 16.
Arthur, James L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Ignition distributor. 2,176,164; Oct. 17.
Arthur, James L., Anderson, Ind., and H. A. G. Boller, Walled Lake; said Arthur assignor to General Motors Corporation, Detroit, Mich. Ignition apparatus. 2,184,789; Dec. 26.
Arthur, Oscar F., Belle Vernon, Pa. Apparatus for placing reinforcement in concrete. 2,175,240; Oct. 10.
Artkraft Sign Company, The. (See Clark, Morton L., assignor.)
Art-O-Graphic Printing Company, Inc. (See Durup, Paul H., assignor.)
Art-O-Graphic Printing Company. (See Ormond, John J., assignor.)
Artos Engineering Company. (See Andrèn, Karl H., assignor.)
Artzt, Maurice, Haddonfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Facsimile receiving system and apparatus therefor. 2,145,285; Jan. 31.
Artzt, Maurice, Haddonfield, N. J., assignor to Radio Corporation of America. Page and line synchronizing apparatus. 2,176,949; Oct. 24.
Arutunoff, Armais, assignor to Reda Pump Company, Bartlesville, Okla. Joint. 2,153,494; Apr. 4.
Arutunoff, Armais, assignor to Reda Pump Company, Bartlesville, Okla. Shipping box. 2,161,402; June 6.
Arvanitis, James A., Mason City, Iowa. Meat cutter. 2,170,512; Aug. 22.
Arveson, Maurice H. (See Gerhart, H. L., and Arveson.)
Arveson, Maurice H., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Acidizing wells. 2,148,006; Feb. 21.
Arveson, Maurice H., assignor to Standard Oil Company, Chicago, Ill. Processing hydrocarbon oils. 2,160,814; June 6.
Arvin, James A., Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Manufacture of synthetic resin. 2,146,004; Feb. 7.
Arvin, Marion J., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Interchangeable shaft for electrical devices. 2,143,401; Jan. 10.
Arzmaier, Alfons, Berlin-Friedenau, assignor to Siemens & Halske, Aktiengesellschaft, Berlin-Siemensstadt, Germany. Modulating system. 2,181,312; Nov. 28.
Asahina, Yasuhiko, Tokyo, Japan. Preparing a new tetralin derivative. 2,151,370; Mar. 21.
Asahina, Yasuhiko, Tokyo, Japan. Preparing acyl derivatives of tetralylquinol. 2,151,371; Mar. 21.
Asanuma, Toshi, Toshima-ku, Tokyo, Japan. Circuit breaker. 2,147,512; Feb. 14.
Asari, Kumaki, Ebara-ku, Tokyo, Japan. Diving mask. 2,168,695; Aug. 8.
Asbeck, Gustav, Dusseldorf, Germany. Apparatus for reducing tubes. 2,170,513; Aug. 22.
Asbelle, Julius A., Commerce, Ga. Split drawing. 2,181,777; Nov. 28.
Asbridge, Harry H., Moss Lane, Ashton-on-Mersey, assignor to The Churchill Machine Tool Company Limited, Broadheath, near Altrincham, England. Internal grinding machine. 2,144,043; Jan. 17.
Asbury, Ralph E., Middletown, and E. Reed, Zanesville, assignors to The American Rolling Mill Company, Middletown, Ohio. Process and apparatus for coiling strip material. 2,160,396; May 30.
Ascari, Luta N., Milan, Italy. Accumulator. 2,176,781; Oct. 17.
Ash, Charles S., Milford, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel construction. 2,170,647; Aug. 22.
Ash, Charles S., Milford, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake drum. 2,174,611; Oct. 3.
Ash Products Corporation. (See Ross, Frederick N., assignor.)
Ash, Solomon, Bronx, N. Y. Protective pad. 2,166,837; July 18.
Ash, Solomon, Bronx, N. Y. Protective pad. 2,167,195; July 25.
Ash, Thomas L., Los Angeles, Calif. Aerodynamic rotor. 2,173,291; Sept. 19.
Ashbery, Ray S., Itacha, N. Y. Cabinet. 2,165,122; July 4.
Ashcraft, Clarence S., Bayside, Long Island, N. Y. Method and apparatus for the projection of motion pictures. 2,183,733; Dec. 19.
Ashcraft, Clarence S., Bayside, Long Island, N. Y. Method and apparatus for supplying alternating current to electric arcs. 2,183,734; Dec. 19.
Ashcraft, John T., Sheridan, Ark. Fishing tool for drill stems. 2,158,814; May 16.
Ashcroft, Ethel P., assignor of one-eghth to H. T. McGarry, one-fortieth to R. M. Burns, and one-fourth to L. D. Latting, Colorado Springs, Colo. Clothesline fastening device. 2,161,499; June 6.
Ashdown, Albert J., East Molesey, England. Light projector for stroboscopic and other purposes. 2,148,794; Feb. 28.
Ashe, William T., and P. Baines, Chicago, Ill. Folding seat. 2,152,014; Mar. 28.
Ashenden, Richard C., Winchester, Mass. Tumbler washer. 2,173,572; Sept. 19.
Ashida, Haruyuki. (See Kusaka, K., and Ashida.)

Ashley, Carlyle M. (See Shawhan, S. F., and Ashley.)
Ashley, Carlyle M., Maplewood, assignor, by mesne assignments, to Carrier Corporation, Newark, N. J. Refrigerating apparatus and method. 2,164,761; July 4.
Ashley, Carlyle M., assignor to Carrier Corporation, Syracuse, N. Y. Air conditioning apparatus. 2,181,617; Nov. 28.
Ashley, Edwin O., Riverside, assignor to Kaywood Corporation, Benton Harbor, Mich. Traction chain. 2,146,364; Feb. 7.
Ashley, Erle G., Memphis, Tenn. Paper shredder. 2,182,219; Dec. 5.
Ashley, Frank M., Great Kills, assignor to L. Gompers, trustee, New York, N. Y. Inkstand. 2,149,988; Mar. 7.
Ashley, Frank M., Great Kills, assignor to L. Gompers, trustee, New York, N. Y. Inkstand. 2,149,989; Mar. 7.
Ashley, Frank M., Great Kills, Staten Island, N. Y. assignor to L. Gompers, as trustee. Pipe for smoking tobacco. 2,151,002; Mar. 21.
Ashley, Frank M., Great Kills, N. Y., assignor to L. Gompers, as trustee. Inkstand. 2,161,843; June 13.
Ashley, Frank M., Great Kills, N. Y., assignor to L. Gompers, as trustee. Inkstand set. 2,175,657; Oct. 10.
Ashley, Frank M., Great Kills, N. Y., assignor to L. Gompers, as trustee. Inkstand set. 2,175,658; Oct. 10.
Ashley, Frank M., Great Kills, N. Y., assignor to L. Gompers, as trustee. Inkstand set. 2,177,273; Oct. 24.
Ashley, John W. (See La Chapelle, F. N., and Ashley.)
Ashley, Merwin F. (See Grant, Albert E., assignor.)
Ashlock, George W., Jr., Oakland, Calif. Fruit pitter. 2,157,518; May 9.
Ashmore, Leon H. (See Koos, Richard H., assignor.)
Ashmore, Leon H., Collingswood, and G. Trotman, Haddonfield, assignors to The Esterbrook Steel Pen Manufacturing Co., Camden, N. J. Inkwell. 2,149,263; Mar. 7.
Ashmore, Leon H., Collingswood, assignor to The Esterbrook Steel Pen Manufacturing Co., Camden, N. J. Manufacture of metal stock. 2,159,002; May 23.
Ashmore, Leon H., Collingswood, assignor to The Esterbrook Steel Pen Manufacturing Co., Camden, N. J. Manufacture of writing pens. 2,159,003; May 23
Ashmore, Leon H., Collingswood, assignor to The Esterbrook Steel Pen Manufacturing Company, Camden, N. J. Blank for and making writing pens. 2,168,311; Aug. 8.
Ashmore, Leon H., Collingswood, N. J. Fountain pen. 2,176,661; Oct. 17.
Ashtabula Corrugated Box Company, The. (See Sherman, Elroy P., assignor.)
Ashton, Albert. (See Hutchins, H. A., and Ashton.)
Ashton, Douglas W., assignor to J. O. Ker, Ottawa, Ontario, Canada. Tamperproof ear tag. 2,149,411; Mar. 7.
Ashworth, Daniel I., Wappingers Falls, assignor to The De Laval Separator Company, New York, N. Y. Purifying vegetable and animal oils. 2,157,882; May 9.
Ashworth, Fred N., Somerville, Mass. Necktie holder. 2,150,351; Mar. 14.
Ashworth, Harry E. (See Lazich, B., and Ashworth.)
Ashworth, John, Schenectady, N. Y., assignor to General Electric Company. Valve. 2,180,188; Nov. 14.
Ashworth, John W., New York, N. Y. Safety razor. 2,161,403; June 6.
Askania-Werke A. G. (See Becker, Ewald, assignor.)
Askania-Werke A. G. (See Blasig, Kurt, assignor.)
Askania-Werke A. G. (See Cornelius, Ernst-A., assignor.)
Askania-Werke A. G. (See Günther, Wolfgang, assignor.)
Askania-Werke A. G. (See Heck, L., and Schwarz, assignors.)
Askania-Werke A. G. (See Heinisch, Paul, assignor.)
Askania-Werke A. G. (See Heinisch, P., and Schencke, assignors.)
Askania-Werke A. G. (See Hochschulz, Alfred, assignor.)
Askania-Werke A. G. (See Lehr, E., and Granacher, assignors.)
Askania-Werke A. G. (See Moerbitz, K., and Roux, assignors.)
Askania-Werke A. G. (See Roth, H., and Möller, assignors.)
Askania-Werke A. G. (See Schencke, Karl, assignor.)
Askania-Werke A. G. (See Schuchardt, Hans, assignor.)
Askania-Werke A. G. (See von den Steinen, Carl, assignor.)
Askania-Werke A. G. (See von Manteuffel, Gert Z., assignor.)
Askania-Werke A. G. (See Wünsch, Guido, assignor.)
Askania-Werke A. G. (See Wünsch, G., and Blasig, assignors.)
Askania-Werke, A. G. (See Zachariä, Erich, assignor.)
Askania-Werke A. G. (See Ziebolz, H., and Velten, assignors.)
Askania-Werke A. G. vormals Centralwerkstatt-Dessau und Carl Bamberg-Friedenau. (See Heinrich, Walter, assignor.)
Askania-Werke A. G. vormals Centralwerkstatt Dessau und Carl Bamberg-Friedenau. (See von Manteuffel, Gert Z., assignor.)
Aske, Irving E., Muskegon, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Cylinder head. 2,154,717; Apr. 18.

Aske, Irving E., Muskegon, assignor to Campbell Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Cylinder head structure. 2,163,905; June 27.
Askew, Nathaniel L., Werner, N. Dak. Advertising apparatus. 2,145,747; Jan. 31.
Askew, Wade H., Mobile, Ala. Locking mechanism for motor vehicle doors. 2,162,048; June 13.
Asmussen, Heinrich. (See Aisch, J., and Asmussen.)
Asmussen, Jes, assignor to A. O. Smith Corporation, Milwaukee, Wis. Centrifugal vibrator. 2,179,807; Nov. 14.
Asnes, Benjamin, assignor to Dennison Manufacturing Company, Framingham, Mass. Decorative method and product. 2,161,990; June 13.
Asnes, Benjamin, assignor to Dennison Manufacturing Company, Framingham, Mass. Creped paper and making same. 2,168,895; Aug. 8.
Asnes, Benjamin, assignor to Dennison Manufacturing Company, Framingham, Mass. Creping and coating paper. 2,168,896; Aug. 8.
Aspelin, Leslie L. (See Phillips, E. C., Aspelin, and Grey.)
Aspenes, Manthen, Bruce, assignor to E. F. Pratt, Ladysmith, Wis. Seeder. 2,168,855; Aug. 8.
Aspinwall, Robert B., and T. B. Tyler, assignors to The Monopower Corporation, Detroit, Mich. Torque conveying and converting apparatus. 2,183,761; Dec. 19.
Asplund, Arne J. A., assignor to Aktiebolaget Defibrator, Stockholm, Sweden. Apparatus for manufacture of pulp. 2,145,851; Feb. 7.
Asplund, August, San Francisco, Calif. Fan. 2,142,080; Jan. 3.
Assaf, Michael V., Lawrence, Mass. Safetypin. 2,155,987; Apr. 25.
Assalit, Louis, Marseille, France. Seat for vehicles. 2,143,534; Jan. 10.
Assel, Walter J., assignor to The Timken Roller Bearing Company, Canton, Ohio. Billet handling device for tube mills. 2,156,218; Apr. 25.
Assel, Walter J., assignor to The Timken Roller Bearing Company, Canton, Ohio. Method and apparatus for sizing tubes. 2,176,412; Oct. 17.
Assmus, Friedrich, assignor to F. Hellige & Co., Freiburg, Breisgau, Germany. Colorimeter. 2,167,060; July 25.
Associated Acoustics N. V. (See van Heel, Abraham C. S., assignor.)
Associated Attleboro Manufacturers Inc. (See Beaupre, Eli J., assignor.)
Associated Attleboro Manufacturers, Inc. (See Stenberg, Knut E. B., assignor.)
Associated Box Corporation. (See McIlwraith, J. W., and Post, assignors.
Associated Dairy Products Company. (See de Lisle, Auguste, assignor.)
Associated Electric Laboratories, Inc. (See Bakker, Pier, assignor.)
Associated Electric Laboratories, Inc. (See Bellamy, John I., assignor.)
Associated Electric Laboratories, Inc. (See Cox, Irvin W., assignor.)
Associated Electric Laboratories, Inc. (See Crocker, Thomas F., assignor.)
Associated Electric Laboratories, Inc. (See Dekker, Jan M. D., assignor.)
Associated Electric Laboratories, Inc. (See Grandstaff, Otho D., assignor.)
Associated Electric Laboratories, Inc. (See Héron, Amédée, assignor.)
Associated Electric Laboratories, Inc. (See Herrick, Roswell H., assignor.)
Associated Electric Laboratories, Inc. (See Kahn, Frederick L., assignor.)
Associated Electric Laboratories, Inc. (See Kessler, Frank, assignor.)
Associated Electric Laboratories, Inc. (See Logan, Thomas A., assignor.)
Associated Electric Laboratories, Inc. (See Mahoney, H. P., and Wicks, assignors.)
Associated Electric Laboratories, Inc. (See Miller, Merton R., assignor.)
Associated Electric Laboratories, Inc. (See Nelson, Martin L., assignor.)
Associated Electric Laboratories, Inc. (See Nelson, M. L., and Johnston, assignors.)
Associated Electric Laboratories, Inc. (See Obergfell, Herbert F., assignor.)
Associated Electric Laboratories, Inc. (See Ostline, John E., assignor.)
Associated Electric Laboratories, Inc. (See Peterson, Edward S., assignor.)
Associated Electric Laboratories, Inc. (See Peterson, E. S., and Saunders, assignors.)
Associated Electric Laboratories, Inc. (See Peterson, S., and Gonseth, assignors.)
Associated Electric Laboratories, Inc. (See Pye, Harold C., assignor.)
Associated Electric Laboratories, Inc. (See Robinson, Harold C., assignor.)
Associated Electric Laboratories, Inc. (See Robinson, H. C., Bellamy, and Nelson, assignors.)
Associated Electric Laboratories, Inc. (See Saunders, Norman H., assignor.)
Associated Electric Laboratories, Inc. (See Saunders, N. H., and Evers, assignors.)

Associated Electric Laboratories, Inc. (See Saunders, N. H., and Griffins, assignors.)
Associated Electric Laboratories, Inc. (See Sigo, Arthur T., assignor.)
Associated Electric Laboratories, Inc. (See Sims, Charles H., assignor.)
Associated Electric Laboratories, Inc. (See Smith, Arthur B., assignor.)
Associated Electric Laboratories, Inc. (See Voss, John H., assignor.)
Associated Electric Laboratories, Inc. (See Wicks, John, assignor.)
Associated Electric Laboratories, Inc. (See Wright, C. O., and Peterson, assignors.)
Associated Electric Laboratories, Inc. (See Woodruff, A. E., and Horlacher, assignors.)
Associated Manufacturers' Agency. (See Dilley, Morris M., assignor.)
Associated Oil Company. (See Lazar, A., and McCormick, assignors.)
Associated Patentees, Inc. (See Borton, Alwyn E., assignor.)
Associated Press. (See Barnes, James C., assignor.)
Associated Press. (See Biele, Harry M., assignor.)
Associated Press, The. (See Carlson, Harold, assignor.)
Associated Press. (See Gano, Alfred S., assignor.)
Associated Spring Corporation, The. (See Becker, Sylvan J., assignor.)
Associated Telephone and Telegraph Company. (See Beale, C. E., and Richards, assignors.)
Associated Telephone and Telegraph Company. (See Gunning, Percy F., assignor.)
Associated Telephone & Telegraph Company. (See Pearce, Owen A., assignor.)
Associated Telephone & Telegraph Company. (See Rayner, T. R., Burns, and Woodhead, assignors.)
Associated Telephone & Telegraph Company. (See Richards, Idris T., assignor.)
Associated Telephone and Telegraph Company. (See Saville, W., and Williams, assignors.)
Associated Telephone and Telegraph Company. (See Saxby, Robert N., assignor.)
Associated Telephone and Telegraph Company. (See Taylor, Reginald, assignor.)
Associated Telephone and Telegraph Company. (See Taylor, R., and Baker, assignors.)
Association of American Soap & Glycerine Producers, Inc. (See Du Puis, R. N., Lenth, and Segur, assignors.)
Astatic Microphone Laboratory, Inc. (See Bird, James R., assignor.)
Astatic Microphone Laboratory, Inc. (See Foster, Everette M., assignor.)
Astatic Microphone Laboratory, Inc. (See Semple, C. E., Jr., and Malat, assignors.)
"Astra" Compañia Argentina de Petróleo Sociedad Anónima. (See Knudsen, Alfred, assignor.)
Astrup Company, The. (See Anton, Frederick A., assignor.)
Atcherley, Richard L. R., South Farnborough, England. Means and method for refueling aircraft in flight or like operation. 2,166,575; July 18.
Atchison, Leonard W., and J. L. Fletcher, Schenectady, N. Y., assignors to General Electric Company. Refrigerating machine. 2,180,974; Nov. 21.
Ateliers Neyret-Beylier & Piccard-Pictet. (See Danel, Pierre F., assignor.)
Athens, Pierre, Hollywood, Calif. Device for waving hair. 2,152,015; Mar. 28.
Atherton, Alfred L. (See Farley, W. R., Atherton, and Gonano.)
Athey, Isaac H., Chicago, Ill. Pump. 2,142,772; Jan. 3.
Athey, Isaac H., Chicago, Ill. Pump. 2,142,773; Jan. 3.
Athey, Isaac H., Chicago, Ill. Game apparatus. 2,160,451 May 30.
Athletic Shoe Company, The. (See Shapiro, Isadore, assignor.)
Athol Manufacturing Company. (See Mitchell, Rowland B., assignor.)
Athy, Clifford R., assignor to International-Stacey Corporation, Columbus, Ohio. Emergency cut-out switch for well pumping mechanism. 2,142,551; Jan. 3.
Athy, Clifford R., assignor to International-Stacey Corporation, Columbus, Ohio. Well operating mechanism. 2,142,552; Jan. 3.
Athy, Clifford, R., assignor to International-Stacey Corporation, Columbus, Ohio. Walking beam counterbalance. 2,175,588; Oct. 10.
Athy, Clifford, R., assignor to International-Stacey Corporation, Columbus Ohio. Supporting mechanism for well pumping equipment. 2,175,589; Oct. 10.
Athy, Lawrence F., and H. R. Prescott, assignors to Continental Oil Company, Ponca City, Okla. Electrical prospecting. 2,172,271; Sept. 5.
Atkin, Lawrence. (See Schultz, A., Atkin, and Frey.)
Atkin, Owen W., West Los Angeles, and P. Fisher, Ocean Park, Calif. Combination gun and camera. 2,144,909; Jan. 24.
Atkins, Elizabeth, et al. (See Atkins, Lawrence R., assignor.)
Atkins, Emilee H., Wewoka, Okla. Hair net protector. 2,172,692; Sept. 12.
Atkins, George H., Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,144,867; Jan. 24.
Atkins, George E., Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound translating apparatus. 2,166,515; July 18.
Atkins, Harold J., and C. M. Conner, Chico, Calif. Dragline bucket. 2,158,061; May 16.
Atkins, Harry F., Old Fletton, Peterborough, England. Milling machine for copying or profiling. 2,182,331; Dec. 5.
Atkins, Harry F., Old Fletton, Peterborough, England. Milling machine for copying or profiling. 2,183,344; Dec. 12.
Atkins, Hubert C. (See Schwerin, P., and Atkins.)
Atkins, Lawrence R., assignor of one-fourth to E. Atkins and one-fourth to B. Bouldin, Plainfield, N. J. Match container. 2,182,909; Dec. 12.
Atkins, Samuel C., Montvale, and H. E. Scofield, East Orange, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Hydraulic servo system. 2,158,558; May 16.
Atkinson, Flavius W., D. Kleist, G. Slayter, J. H. Thomas, and G. M. Lannan, Newark, Ohio, assignors to Owens-Illinois Glass Company. Electric furnace. 2,159,361; May 23.
Atkinson, George E., and H. M. Jones, assignors to Armstrong Products Corporation, Huntington, W. Va. Electric heater. 2,155,289; Apr. 18.
Atkinson, George F., Renton, and C. L. Morisette, Seattle, Wash. Overhead intersection for conductors of trackless trolleys. 2,146,705; Feb. 14.
Atkinson, Noël, London, assignor to Electric & Musical Industries Ltd., Hayes, England. Radio receiving circuit. 2,171,135; Aug. 29.
Atkinson, Sheridan K. (See Smith, J. D., and Atkinson.)
Atlantic Coast Fisheries Company, The. (See Guyman, Clarence L., assignor.)
Atlantic Coast Fisheries Company, The. (See Raynolds, James A., Jr., assignor.)
Atlantic Coast Fisheries Company. (See Reynolds, Stanton, assignor.)
Atlantic Coast Fisheries Company, The. (See Taylor, Harden F., assignor.)
Atlantic Elevator Company. (See Borden, Joseph H., assignor.)
Atlantic Rayon Corporation. (See Little, R., and Fraim, assignors.)
Atlantic Rayon Corporation. (See Schlumpf, Jakob, assignor.)
Atlantic Refining Company, The. (See Boyd, James H., Jr., assignor.)
Atlantic Refining Company, The. (See Brownscombe, Eugene R., assignor.)
Atlantic Refining Company, The. (See Brownscombe, E. R., and Ferris, assignors.)
Atlantic Refining Company, The. (See Butz, John G., assignor.)
Atlantic Refining Company. (See Butz, J. G., and Leum, assignors.)
Atlantic Refining Company, The. (See Clothier, F. M., Jr., and Field, assignors.)
Atlantic Refining Company, The. (See Cowles, H. C., Jr., and Hersberger, assignors.)
Atlantic Refining Company, The. (See Ferris, Seymour W., assignor.)
Atlantic Refining Company, The. (See Gambrill, James E., assignor.)
Atlantic Refining Company, The. (See Goldsmith, Lester M., assignor.)
Atlantic Refining Company, The. (See Johnson, James W., Jr., assignor.)
Atlantic Refining Company, The. (See King, Edward P., assignor.)
Atlantic Refining Company, The. (See Lipkin, David, assignor.)
Atlantic Refining Company, The. (See Marks, Ernest M., assignor.)
Atlantic Refining Company. (See Myers, William A., assignor.)
Atlantic Refining Company, The. (See Roberts, Oscar L., assignor.)
Atlantic Refining Company. (See Schreiber, William, assignor.)
Atlantic Refining Company, The. (See Woodcock, Charles H., assignor.)
Atlantic Register Company. (See Fader, James W., assignor.)
Atlantic Research Associates, Inc. (See Atwood, Francis C., assignor.)
Atlantic Service Company. (See Schaefer, Adolph O., assignor.)
Atlantic Service Company. (See Williams, Clarence R., assignor.)
Atlantic States Gas Company. (See Stroud, Byron B., assignor.)
Atlas Ago Chemische Fabrik, Aktien-Gesellschaft. (See Müller, W., and Closmann, assignors.)
Atlas Appliance Corporation. (See Witt, Harry, assignor.)
Atlas Mineral Products Company, The. (See Payne, C. R., and Wirtz, assignors.)
Atlas, Murray L., Teaneck, N. J. Dish rack. 2,151,068; Mar. 21.
Atlas-Ometer Co. (See Jameson, Clarence W., assignor.)
Atlas Powder Company. (See Ariotti, Guido, assignor.)
Atlas Powder Company. (See Bremer, Clarence, assignor.)

Atlas Powder Company. (See Brown, Kenneth R., assignor.)
Atlas Powder Company. (See Brown, K. R., and Bucy, assignors.)
Atlas Powder Company. (See Bucy, Edmund H., assignor.)
Atlas Powder Company. (See Crockford, Joseph R., assignor.)
Atlas Powder Company. (See Holst, William H., assignor.)
Atlas Powder Company. (See Power, J. T., and Almy, assignors.)
Atlas Powder Company. (See Power, J. T., and Brown, assignors.)
Atlas Steel Barrel Corporation. (See Campbell, R., and Proctor, assignors.)
Atlas Supply Co. Inc. (See Doing, Warren P., assignor.)
Atlas Supply Company. (See Kolseth, John H., assignor.)
Atlas Tool & Manufacturing Company. (See Delf, George A., assignor.)
Atlas Track Corporation. (See Cordeiro, Joseph, assignor.)
Atlas-Werke Aktiengesellschaft. (See Kallmeyer, Friedrich W., assignor.)
Atlas Werke Aktiengesellschaft. (See Kietz, Hans, assignor.)
Atlee, Zed J. (See Gross, M. J., and Atlee.)
Atler, Dorothy R., et al. (See Leiser, Henry, assignor.)
Attanasio, Margaret, New York, N. Y. Glove pocket construction. 2,171,440; Aug. 29.
Atti, Raphael, Union City, N. J. Automobile direction indicator. 2,157,317; May 9.
Attick, Purdy E., Chicago, Ill. Sash and store front construction. 2,184,659; Dec. 26.
Atwell, Everett C., Cranston, assignor to Franklin Rayon Corporation, Providence, R. I. Treating yarn and the like with fluids. 2,150,309; Mar. 14.
Atwell, Harold V., White Plains, assignor to Process Management Co., New York, N. Y. Conversion of hydrocarbons. 2,145,576; Jan. 31.
Atwell, Harold V., White Plains, assignor to Process Management Company, Inc., New York, N. Y. Converting hydrocarbons. 2,146,667; Feb. 7.
Atwell, Harold V., White Plains, assignor to Process Management Company, Inc., New York, N. Y. Treatment of hydrocarbons. 2,149,493; Mar. 7.
Atwell, Harold V., White Plains, N. Y., assignor to Gasoline Products Company, Inc., Newark, N. J. Treating hydrocarbons. 2,160,774; May 30.
Atwell, Harold V., White Plains, assignor to Process Management Company, Inc., New York, N. Y. Conversion of hydrocarbons. 2,165,526; July 11.
Atwell, Harold V., White Plains, assignor to Process Management Company, Inc., New York, N. Y. Conversion of gaseous hydrocarbons. 2,178,824; Nov. 7.
Atwell, Harold V., White Plains, and M. R. Mandelbaum, assignors to Process Management Company, Inc., New York, N. Y. Production of motor fuel. 2,158,559; May 16.
Atwood, Francis C., Newton, Mass., assignor to Atlantic Research Associates, Inc., Wilmington, Del. Cleaning mica and similar material. 2,177,358; Oct. 24.
Atwood, Harry N., South Lyndeboro, N. H. Composite shatterproof window glass. 2,162,598; June 13.
Atwood, James T., Rockford, Ill. Door check. 2,148,674; Feb. 28.
Atwood, John B., Riverhead, N. Y., assignor to Radio Corporation of America. Variable band width piezoelectric filter. 2 173,894; Sept. 26.
Atwood, John L., and V. H. Pavlecka, assignors to Douglas Aircraft Company, Inc., Santa Monica, Calif. Airplane having folding wings. 2,166,564; July 18.
Atwood Machine Company, The. (See Briggs, Peleg B., assignor.)
Atwood Machine Company, The. (See Duncklee, E. R., and Sheldon, assignors.)
Atwood Machine Company, The. (See Gordon, William R., assignor.)
Atwood Machine Company, The. (See Lewis, A. L., and Fretter, assignors.)
Atwood, Morgan C., New Orleans, La. Bottle cap. 2,156,258; May 2.
Atwood, Seth B., Rockford, Ill. Automobile door hinge. 2,153,541; Apr. 11.
Atwood, Seth B., Rockford, Ill. Hinge. 2,171,021; Aug. 29.
Atwood Vacuum Machine Company, The. (See Crabb, Donald E., assignor.)
Atwood Vacuum Machine Company. (See Dayton, Max E., assignor.)
Atwood Vacuum Machine Company, The. (See Linstead, G., and Polstra, assignors.)
Atwood Vacuum Machine Company, The. (See Smith, Frank M., assignor.)
Atwood Vacuum Machine Company, The. (See Thelander, W. Vincent, assignor.)
Atwood, Winfield A., Yeadon, Pa., assignor to General Electric Company. Circuit breaker. 2,169,085; Aug. 8.
Atwood, Winfield A., Yeadon, and G. Rudolph, Manoa, Pa., assignors to General Electric Company. Operating mechanism. 2,152,453; Mar. 28.
Aubert, Emile H., Paris, assignor to Societe pour la Realisation et l'Exploitation d'Inventions Mecaniques "Reim", Neuilly-sur-Seine, France. Racket for tennis and like games. 2,145,785; Jan. 31.
Auble, James L., assignor to Frank Tea & Spice Company, Cincinnati, Ohio. Apparatus for forming sheet metal forms. 2,143,429; Jan. 10.
Aubrey, William H., assignor to Frick Company, Waynesboro, Pa. Air conditioning apparatus. 2,184,481; Dec. 26.
Auburn, Hubert, Mount Healthy, assignor to The Tenacity Manufacturing Co., Lockland, Ohio. Binder mechanism. 2,179,874; Nov. 14.
Auden, Harold A., Banstead, H. P. Staudinger, Sutton, and H. M. Hutchinson, Banstead, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Manufacture of cellulose derivative compositions. 2,183,317; Dec. 12.
Auditorium Conditioning Corporation. (See Hunicke, Clarence C., assignor.)
Audley-Charles, John K., assignor, by mesne assignments, to F. Worrall, Toronto, Ontario, Canada. Plaster bandage. 2,144,675; Jan. 24.
Audubon Wire Cloth Corporation. (See Guba, Raymond J., assignor.)
Audubon Wire Cloth Corporation. (See Scherfel, Otto C., assignor.)
Auer, Edward S., Chicago, Ill. X-ray marking device. 2,172,528; Sept. 12.
Auer, Gustavus, Snyder, N. Y. Pipe still. 2,169,086; Aug. 8.
Auer, Laszlo, Budapest, Hungary, assignor to J. R. Newman, Washington, D. C., as trustee. Manufacture of modified isocolloid products having controlled solubility. 2,180,342; Nov. 21.
Auer Register Company, The. (See Komora, Louis J., assignor.)
Auerbach, Hyman, Brookline, assignor to Continental Shoe Corporation, Boston, Mass. Footwear. 2,160,692; May 30.
Auerbach, Rudolf, Neuenhagen, near Berlin, Germany, assignor to General Electric Company. Production of disperse gases in liquids. 2,151,547; Mar. 21.
Auerbach, Rudolf, Neuenhagen, Berlin, Germany, assignor to General Electric Company. Gas reaction method. 2,167,471; July 25.
Auerbach, Rudolf, Dahlewitz Hoppegarten, and H. Burmeister, Berlin-Spandau, Germany, assignors to General Electric Company. Electric circuit interrupter. 2,157,883; May 9.
Aug, Nathan, New York, N. Y. Combination garment and handbag. 2,146,243; Feb. 7.
Auger, Adrien, Ville d'Avray, assignor to Société a Responsabilité Limitée Osmo, Paris, France. Apparatus for forming gas-liquid emulsions. 2,168,187; Aug. 1.
Auger, Claude H., and S. R. Puffer, Saugus, Mass., assignors to General Electric Company. Motor driven fluid pump. 2,153,360; Apr. 4.
Augenblick, Jack, Atlantic City, N. J., assignor to Sports Equipment Mfg. Corp. Fishing line leader. 2,170,788; Aug. 22.
Augsburg Publishing House. (See Larson, Wallace Q., assignor.)
August, George, & Company Limited, et al. (See Krasselt, Theodor, assignor.)
Augustin, Emil, K. Fügmann, W. Klein, H. Schliemann, and H. Herrmann, assignors to Electricitätsgesellschaft "Sanitas", Berlin, Germany. Apparatus for making radiographs of body sections or body layers. 2,156,170; Apr. 25.
Augustin, Gustav, assignor to Kupfer-Asbest-Co. Gustave Bach, Heilbronn-on-the-Neckar, Germany. Packing. 2,171,968; Sept. 5.
Auja Industrie Kommanditgesellschaft Werner Kornfeld. (See Stock, Hugo H., assignor.)
Aukerman, Frank C., Rapid City, S. Dak. Press. 2,150,812; Mar. 14.
Aukland, Gabriel, Shabbona, Ill. Closure. 2,180,787; Nov. 21.
Aulbach, Charles J., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for coating articles. 2,178,158; Oct. 31.
Auld, Donald W., Bartlesville, Okla., and O. B. Anderson, Marquette, Mich.; said Auld, assignor to Phillips Petroleum Company, and said Anderson, assignor to E. J. Longyear Company. Tubing make-up device. 2,174,115; Sept. 26.
Aulicino, Anthony P., Brooklyn, N. Y. Nonskidding brake. 2,183,954; Dec. 19.
Aull, Watson P., St. Louis, Mo. Reinforced box. 2,165,023; July 4.
Aulman, Harry E., Woodland, Calif. Well apparatus. 2,158,393; May 16.
Aulsebrook, William J., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Air conditioning system. 2,165,831; July 11.
Ault, Clifford M., Indianapolis, Ind., assignor of one-third to F. Minder, Lincoln, Nebr. Truck. 2,147,076; Feb. 14.
Ault, Waldo C., and C. A. Hochwalt, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Refining hydrocarbon distillates. 2,162,992; June 20.
Ault, Waldo C., and C. A. Hochwalt, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Refining Liquid hydrocarbon distillates. 2,174,908; Oct. 3.
Aumack, Frank L., assignor to J. G. Rotchford, as trustee, Spokane, Wash. Door latch. 2,159,362; May 23.

Aument, H. Chester, Long Island City, N. Y. Receptacle and forming the same. 2,169,864; Aug. 15.
Aument, H. Chester, Long Island City, N. Y. Container. 2,176,950; Oct. 24.
Aumüller, Walter. (See Bockmühl, M., Ehrhart, Ruschig, and Aumüller.)
Aurbach, Kurt, Essen, Germany, assignor, by mesne assignments, to The National Cash Register Co., Dayton, Ohio. Calculating machine and recording and the like machine. 2,173,246; Sept. 19.
Aurex Corporation. (See Huth, Walter H., assignor.)
Aurex Corporation. (See Huth, W. H., and Cubert, assignors.)
Aurien, Ray G. (See Baselt, W. H., and Aurien.)
Aurien, Ray G., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,148,362; Feb. 21.
Aurien, Ray G., assignor to American Steel Foundries, Chicago, Ill. Clasp brake arrangement. 2,148,363; Feb. 21.
Aurien, Ray G., assignor to American Steel Foundries, Chicago, Ill. Carrier iron and brake fulcrum. 2,166,886; July 18.
Aurien, Ray G., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,166,887; July 18.
Auriol, Albert and A., Brussels, Belgium. Process and apparatus for the direct production of steel and other metals from ore. 2,168,597; Aug. 8.
Auriol, Andre. (See Auriol, Albert and A.)
Aurora Equipment Company. (See Hogle, Stanley L., assignor.)
Aurora Steel Products Company. (See Fohn, Adolf E., assignor.)
Auslander, Henry, Brooklyn, N. Y. Curtain rod threading device. 2,170,674; Aug. 22.
Austenal Laboratories, Inc. (See Prange, Charles H., assignor.)
Auster, Marie, New York, N. Y. Hair curler. 2,166,386; July 18.
Austern, Carl, Far Rockaway, and L. H. Vanderwerf, New York, N. Y.; said Vanderwerf assignor to said Austern. Ice crusher. 2,147,394; Feb. 14.
Austin, Arthur O., near Barberton, Ohio. Safety core insulator. 2,175,336; Oct. 10.
Austin, Arthur O., near Barberton, assignor, by mesne assignments, to The Ohio Brass Company, Mansfield, Ohio. Insulator. 2,173,292; Sept. 19.
Austin, Bancum O., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Motor control system. 2,183,762; Dec. 19.
Austin, Ben Ragan, Nashville, Tenn. "Zipper" fastener. 2,146,714; Feb. 14.
Austin, Ellsworth W., Cedar Rapids, Iowa. Propeller. 2,166,653; July 18.
Austin, Ellsworth W., assignor to La Plant-Choate Manufacturing Company, Incorporated, Cedar Rapids, Iowa. Wagon. 2,149,949; Mar. 7.
Austin, Ellsworth W., Cedar Rapids, Iowa, assignor to Bendix Products Corporation, South Bend, Ind. Propeller. 2,156,102; Apr. 25.
Austin, Ellsworth W., assignor to La Plant-Choate Manufacturing Company, Incorporated, Cedar Rapids, Iowa. Tamping means. 2,159,347; May 23.
Austin, Ellsworth W., assignor to La Plant-Choate Manufacturing Company, Inc., Cedar Rapids, Iowa. Earth moving device. 2,159,348; May 23.
Austin, Ellsworth W., assignor to La Plant-Choate Manufacturing Company, Incorporated, Cedar Rapids, Iowa. Earth moving device. 2,162,993; June 20.
Austin, Ellsworth W., assignor to La Plant-Choate Manufacturing Co. Inc., Cedar Rapids, Iowa. Earth moving device. 2,180,658; Nov. 21.
Austin, Ellsworth W., Oakland, Calif., assignor to Bendix Products Corporation, South Bend, Ind. Propeller control mechanism. 2,144,007; Jan. 17.
Austin, Frank E., Hanover, N. H. Scenic insect cage. 2,174,305; Sept. 26.
Austin, Frank E., Hanover, N. H. Toeboard. 2,180,384; Nov. 21.
Austin, Fuller A. (See Bettenhausen, Arnold H., assignor.)
Austin, Harry M., and J. A. Muir, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Track rail supporting device. 2,162,599; June 13.
Austin, Harry M., and J. A. Muir, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Vibration absorbing composition and structure embodying the same. 2,184,482; Dec. 26.
Austin, Harvey D., Akron, Ohio, assignor to Bendix Aviation Corporation. Spraying device for airplane propellers. 2,156,103; Apr. 25.
Austin, James A., assignor to Jensen-Salsbery Laboratories, Inc., Kansas City, Mo. Ligature or suture package. 2,142,707; Jan. 3.
Austin, Paul R. (See Arnold, H. W., and Austin.)
Austin, Paul R., Wilmington, and P. L. Salzberg, Carrcroft, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing alpha aryl phthalides. 2,150,595; Mar. 14.
Austin, Walter M., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,177,014; Oct. 24.
Austin, William B., Ridgewood, N. J. Statistical machine. 2,181,166; Nov. 28.
Austin, William B., Ridgewood, N. J. Statistical machine. 2,181,167; Nov. 28.
Auston Hoy and Company Limited. (See Philp, James I., assignor.)
Austria, Guillermo, Los Angeles, Calif. Shredder. 2,156,421; May 2.
Autem, Fred, assignor to Textile Machine Works, Wyomissing, Pa. Counting device. 2,165,527; July 11.
Autem, Fred, assignor to Textile Machine Works, Wyomissing, Pa. Marking articles. 2,177,615; Oct. 24.
Auto Cream Whip Corporation. (See Marmorek, Louis, assignor.)
Auto Research Corporation. (See Bijur, Joseph, assignor.)
Auto Research Corporation. (See Kocher, Edward H., assignor.)
Auto Specialties Manufacturing Company. (See Lucker, Millard B., assignor.)
Auto Specialties Manufacturing Company. (See Unruh, W. D., and Seelig, assignors.)
Auto Union Aktiengesellschaft. (See Arlt, Oskar H., assignor.)
Auto Union Aktiengesellschaft. (See Berndt, H. R., and Schulz, assignors.)
Auto Union Aktiengesellschaft. (See Boxan, Walter, assignor.)
Auto Union Aktiengesellschaft. (See Schulz, Reinhold E. C., assignor.)
Auto Union Aktiengesellschaft. (See Schuh, H. J., and Boxan, assignors.)
Auto Union Aktiengesellschaft. (See Siebler, Oskar, assignor.)
Autocall Company. (See Harrington, James R., assignor.)
Autogas Corporation. (See Ames, James G., assignor.)
Autogas Corporation. (See Furlong, Francis A., assignor.)
Autogiro Company of America. (See Bennett, James A. J., assignor.)
Autogiro Company of America. (See Bennett, J. A. J., and Ellis, assignors.)
Autogiro Company of America. (See Campbell, Harris S., assignor.)
Autogiro Company of America. (See de la Cierva, Juan, assignor.)
Autogiro Company of America. (See Larsen, Agnew E., assignor.)
Autogiro Company of America. (See Pecker, Joseph S., assignor.)
Autogiro Company of America. (See Pitcairn, Harold F., assignor.)
Autogiro Company of America. (See Ray, J. G., Pitcairn, and Larsen, assignors.)
Autographic Register Co. (See Borchers, William G., assignor.)
Autographic Register Co. (See Borchers, W. G., and Cirillo, assignors.)
Autographic Register Company. (See Brenn, Carl W., assignor.)
Autographic Register Company. (See Johnson, Arthur A., assignor.)
Autographic Register Company. (See Wellner, Frank G., assignor.)
Automatic Coinwrapping Machine Corporation. (See Seemel, Bruno E., assignor.)
Automatic Cone Valve Company, The. (See Goldberg, D. D., and Kligman, assignors.)
Automatic Control Corporation. (See Persons, Lawrence M., assignor.)
Automatic Control Corporation. (See Persons, L. M., and Rodgers, assignors.)
Automatic Control Company. (See Pike, Theodore F., assignor.)
Automatic Devices Corporation. (See Carissimi, Louis C., assignor.)
Automatic Devices Corporation. (See Cohen, Joseph H., assignor.)
Automatic Devices Corporation. (See Johnson, Arthur A., assignor.)
Automatic Devices Corporation. (See Lehmann, Herbert G., assignor.)
Automatic Draft and Stove Co. (See Montague, Charles D., assignor.)
Automatic Drive and Transmission Company. (See Bateman, Roy D., assignor.)
Automatic Drive and Transmission Company. (See Haupt, William E., assignor.)
Automatic Drive & Transmission Company, The. (See Lewis, Robert P., assignor.)
Automatic Drive & Transmission Company. (See Morton, W. D., and Haupt, assignors.)
Automatic Drive & Transmission Company. (See Padgett, Joseph E., assignor.)
Automatic Druckmaschinenfabrik, Dr. W. Hinniger und Söhne. (See Kaufmann, Kurt, assignor.)
Automatic Electric Company. (See Giannini, Gabriel M., assignor.)
Automatic Flax Production Units, The. (See Soenens, Maurice A., assignor.)
Automatic Humidifier Company, The. (See Galloway, James W., assignor.)
Automatic Instrument Company. (See Andres, Lloyd J., assignor.)
Automatic Instrument Company. (See Andres, L. J., and Magruder, assignors.)
Automatic Instrument Company. (See Olson, Phillip W., assignor.)
Automatic Machinery Corporation. (See Crouch, Richard H., assignor.)

Automatic Press Appliance Company. (See Hale, Jackson T., assignor.)
Automatic Products Company. (See Whitman, Charles F., assignor.)
Automatic Shifters, Inc. (See Baade, Henry, assignor.)
Automatic Shifters, Inc. (See Hey, Henry W., assignor.)
Automatic Shifters, Inc. (See Hill, E. G., and Hey, assignors.)
Automatic Shifters, Inc. (See Lasley, Edward D., assignor.)
Automatic Signal Corporation. (See Barker, John L., assignor.)
Automatic Signal Corporation. (See Wilcox, Harry A., assignor.)
Automatic Signal Corporation. (See Wilcox, H. A., and Barker, assignors.)
Automatic Sprinkler Company of America. (See Rouse, Edward H., assignor.)
Automatic Switch Co. (See Hurlburt, Wilbur F., assignor.)
Automatic Switch Company. (See Stumpf, George, assignor.)
Automatic Tank Cleaner Company. (See Jacobs, Jesse F., assignor.)
Automatic Telephone & Electric Company. (See Renshaw, Alfred P. B., assignor.)
Automatic Telephone & Electric Company Limited. (See Renshaw, A. P. B, and Botcherby, assignors.)
Automatic Traffic Counter Company. (See Cutler, Curtis D., assignor.)
Automatic Truck Loader Corporation. (See Goodman, Joseph, assignor.)
Automatic Turbine Drive Company. (See Popper, Isaac C., assignor.)
Automatic Valve Controller Company. (See Wait, Charles L., assignor.)
Automatic Voting Machine Corporation. (See Gustavson, Alvin N., assignor.)
Automatic Washer Company. (See Carter, Russell W., assignor.)
Automatic Washer Company. (See Vincent, Merlin S., assignor.)
Auto-Motive Air Brake Co. Inc. (See Stitt, Roscoe R., assignor.)
Auto-Motive-Air Brake Corporation. (See Stitt, Roscoe R., assignor.)
Automotive Devices Corporation. (See Farrell, Joseph E., assignor.)
Automotive Maintenance Machinery Co. (See Zimmerman, Herman W., assignor.)
Automotive Products Company Limited. (See Beeston, John P., assignor.)
Automotive Products Company Limited. (See Brock, Denis T., assignor.)
Automotive Products Company Limited. (See Brown, Francis V., assignor.)
Automotive Products Company Limited. (See Clench, Edward C. S., assignor.)
Automotive Products Company Limited. (See Gates, Geoffrey R. G., assignor.)
Automotive Products Company Limited. (See Parker, Sydney M., assignor.)
Automotive Products Company Limited. (See Parnell, Frank G., assignor.)
Autophon Aktiengesellschaft. (See Gundlfinger, Karl, assignor.)
Autopoint Company. (See Deli, Frank C., assignor.)
Autopulse Corporation. (See Dilg, Earl W., assignor.)
Auto-Soler Company, The. (See Ajouelo, D. J., and Moore, assignors.)
Auto-Vehicle Parts Company, The. (See Rennekamp, Clarence J., assignor.)
Auto-Wheel Coaster Company. (See Klatt, Rudolph A., assignor.)
Autoxygen Inc. (See Kokatnur, Vaman R., assignor.)
Autoyre Company, The. (See Berg, Edward C., assignor.)
Autoyre Company, The. (See Sanford, Roy S., assignor.)
Auvray, Gustave, Cachan, France. Covering for printing rollers. 2,172,491; Sept. 12.
Auzin, John M., Warwick, R. I., assignor to Davol Rubber Company. Marking. 2,152,725; Apr. 4.
Avalo, Pedro R. (See Llach, H., and Avalo.)
Avedikien, Souren Z., New York, N. Y. Bleaching and treating of flour and agent therefor. 2,175,172; Oct. 10.
Averill, Kathleen A. (See Coulter, J. N., and Williams.)
Avery, Clarence W., assignor to The Murray Corporation of America, Detroit, Mich. Seat frame. 2,167,863; Aug. 1.
Avery, Clarence W., Detroit, Mich., assignor to The Murray Corporation of America. Preparing padded inner trim panels. 2,172,648; Sept. 12.
Avery, Clarence W., Detroit, Mich., assignor to The Murray Corporation of America. Upholstery forming machine. 2,184,660; Dec. 26.
Avery, Clarence W., and J. Vehko, Detroit, Mich., assignors to The Murray Corporation of America. Pad forming apparatus. 2,161,123; June 6.
Avery, Clarence W., and A. H. Haberstump, Detroit, Mich., assignors to The Murray Corp. of America. Apparatus for preparing padded trim panels. 2,167,862; Aug. 1.
Avery Drilling Machine Company, The. (See McKee, G. K., and Bernitt, assignors.)
Avery, Edward C., and F. H. Gleason, assignors to Gleason-Avery, Ind., Auburn, N. Y. Heating system control. 2,147,231; Feb. 14
Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Governor. 2,152,171; Mar. 28.
Avery, Harold T., Oakland, Calif., assignor to Marchant Calculating Machine Company. Electrical control device. 2,162,237; June 13.
Avery, Harold T., Oakland, and H. M. Dustin, Berkeley, Calif., assignors to Marchant Calculating Machine Company. Clutch and power transmission. 2,162,238; June 13.
Avery, Henry C., West Springfield, Mass., assignor to The Osmo Garden Company, Philadelphia, Pa. Block for germinating seeds and growing plants and manufacture of such block. 2,143,468; Jan. 10.
Avery, Julian M., Greenwich, Conn., assignor to Arthur D. Little, Inc., Cambridge, Mass. Production of sponge iron. 2,142,100; Jan. 3.
Avery, Julian M., Greenwich, Conn., assignor to Electro Metallurgical Company. Smelting metals from ores. 2,150,145; Mar. 14.
Avery, True M., Glens Falls, assignor to Union Bag & Paper Corporation, Hudson Falls, N. Y. Multicolor printing press. 2,155,353; Apr. 18.
Avery, True M., Glens Falls, assignor to Union Bag & Paper Corporation, Hudson Falls, N. Y. Inking mechanism for printing presses. 2,155,354; Apr. 18.
Avery, True M., Glens Falls, assignor to Union Bag & Paper Corporation, Hudson Falls, N. Y. Making bags. 2,179,463; Nov. 7.
Avery, True M., Glens Falls, assignor to Union Bag & Paper Corporation, Hudson Falls, N. Y. Bag manufacture. 2,179,464; Nov. 7.
Avery, W. & T., Limited. (See Binns, Arthur, assignor.)
Avery, W. & T., Limited. (See Sykes, C. M., and Binns, assignors.)
Avery, W. & T., Limited. (See Timson, William, assignor.)
Avery-Hardoll Limited. (See Fraser, John, assignor.)
Avey Machine Company, The. (See McKee, G. K., and Bernitt, assignors.)
Aviation Manufacturing Corporation. (See Ayer, Robert W., assignor.)
Aviation Manufacturing Corporation. (See Barish, Thomas, assignor.)
Aviation Developments Limited. (See Bettington, Egerton M., assignor.)
Aviation Manufacturing Corporation. (See Gehret, Edward F., assignor.)
Aviation Manufacturing Corporation. (See Hoekstra, Harold D., assignor.)
Aviation Manufacturing Corporation. (See Hoffman, S. K., and Wiegman, assignors.)
Aviation Manufacturing Corporation. (See Lampton, Glen T., assignor.)
Aviation Manufacturing Corporation. (See Lampton, G. T., and Hackethal, assignors.)
Aviation Manufacturing Corporation. (See Manchester, Mitchell W., assignor.)
Aviation Manufacturing Corporation. (See Rogers, John P., assignor.)
Avigdor, Rifat, Berlin, Germany. Control mechanism. 2,167,230; July 25.
Avis, Samuel W., Providence, R. I., assignor to The Reece Button Hole Machine Company, Boston, Mass. Buttonhole sewing machine. 2,149,110; Feb. 28.
Avis, Samuel W., Providence, R. I., assignor to The Reece Button Hole Machine Company, Boston, Mass. Button sewing machine. 2,158,171; May 16.
Avis, Samuel W., Providence, R. I., assignor to The Reece Button Hole Machine Company, Boston, Mass. Button sewing machine. 2,158,172; May 16.
Avonde, Henri E., and S. J. Albin, Hamilton, Ontario, Canada. Variable speed transmission. 2,175,012; Oct. 3.
Avonde, Henri E., and S. J. Albin, Hamilton, Ontario, Canada. Shaving device. 2,177,973; Oct. 31.
Avorio, Luigi, Rome, Italy. Parachute pack with a single releasing hook. 2,155,074; Apr. 18.
Avril, Arthur C., Cincinnati, Ohio. Uniform packaging of mixtures. 2,179,485; Nov. 14.
Avstreih, William, New York, N. Y. Burr holding device. 2,148,721; Feb. 28.
Awbrey, William P., Kansas City, Mo. Bar support and spacer. 2,157,275; May 9.
Axe, Roy T., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Car vestibule trap door and folding step construction. 2,148,522; Feb. 28.
Axe, Roy T., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Operating mechanism for hinged closures and the like. 2,166,710; July 18.
Axe, Roy T., assignor to the O. M. Edwards Company Inc., Syracuse, N. Y. Window construction. Re. 21,126; June 27.
Axelrad, Bernard A., and D. A. Brooks, assignors to Freeport Sulphur Company, Freeport, Tex. Solidifying sulphur. 2,154,257; Apr. 11.
Axelson Manufacturing Co. (See Jackson, W. H., and Kelley, assignors.)
Axelson Manufacturing Co. (See Ostrom, Ernest W., assignor.)
Axelson Manufacturing Co. (See Williams, Glynn H., assignor.)

Axline, Paul M., East Lansing, Mich. Double action tooth brush. 2,149,950; Mar. 7.
Axtell, Claude E., Weed, Calif. Window sash holder and lock. 2,164,102; June 27.
Axtell Harold B., Altadena, assignor of one-third to W. R. Litzenberg, Los Angeles, Calif. Photographic exposure meter. 2,172,634; Sept. 12.
Ayala, Juan C., Monterrey, Mexico. Head for machinists' scales. 2,169,785; Aug. 15.
Ayars, Charles H., assignor to Ayars Machine Company, Salem, N. J. Can filling machine. 2,158,767; May 16.
Ayars, Charles H., assignor to Ayars Machine Company, Salem, N. J. Can filling machine. 2,158,768; May 16.
Ayars, Charles H., assignor to Ayars Machine Company, Salem, N. J. Can filling machine. 2,158,769; May 16.
Ayars, Charles H., assignor to Ayars Machine Company, Salem, N. J. Can filling machine. 2,176,448; Oct. 17.
Ayars, Charles H., assignor to Ayars Machine Company, Salem, N. J. Can filling machine. 2,176,449; Oct. 17.
Ayars Machine Company. (See Ayars, Charles H., assignor.)
Aycock, James C., Centerville, La. Spinning tongs. 2,154,145; Apr. 11.
Aydelott, John C., Erie, Pa., assignor to General Electric Company. Power unit. 2,156,957; May 2.
Aydelott, John C., Erie, Pa., assignor to General Electric Company. Dynamo-electric machine. 2,156,958; May 2.
Ayer, Herbert D., Fairfield, Maine. Clamping device. 2,145,504; Jan. 31.
Ayer, Raymond B, Verona, N. J., assignor to General Electric Company. Cathode for electron discharge devices. 2,154,298; Apr. 11.
Ayer, Raymond B., Verona, N. J., assignor to General Electric Company. Cementing process. 2,158,845; May 16.
Ayer, Robert W., Wayne, Mich., assignor, by mesne assignments, to Aviation Manufacturing Corporation, Chicago, Ill. Operating device for control surfaces for airplanes. 2,181,258; Nov. 28.
Ayers, Clarence W., Los Angeles, Calif. Ice cutting apparatus. 2,156,832; May 2.
Ayers, Fred L., Watertown, Mass. Making shoes. 2,160,531; May 30.
Ayers, Fred L., Watertown, Mass., assignor to Brown Company, Berlin, N. H. Manufacture of multi-ply counters. 2,148,336; Feb. 21.
Ayers, Fred L., Watertown, Mass., assignor to Brown Company, Berlin, N. H. Making insoles and sheets therefor. 2,150,575; Mar. 14.
Ayers, George W., Jr., assignor, by mesne assignments, to Gasoline Antioxidant Company, Chicago, Ill. Inhibiting gum formation in cracked hydrocarbons. 2,171,780; Sept. 5.
Ayers, Herbert, El Paso, Tex. Circuit breaker. 2,170,584; Aug. 22.
Ayers Limited. (See Milnes, Tom, assignor.)
Ayers Mineral Company, The. (See Crew, Joshua A., assignor.)
Ayers, Samuel H., and C. W. Lang, Philadelphia, Pa., assignors to Crown Can Company. Treating food products. 2,168,506; Aug. 8.
Aylies, Andrew G. (See Van Wirt, A. E., Aylies, and Jones.)
Ayliffe, Harry, London, England. Garden tool. 2,164,373; July 4.
Ayotte, Joseph F., and I. T. Holihan, assignors to Scovill Manufacturing Company, Waterbury, Conn. Lock switch for flashlights. 2,181,447; Nov. 28.
Ayral, Jean B., Paris, France, assignor to General Electric Company. Light projecting device. 2,170,675; Aug. 22.
Ayres, Harold R., Chicago, Ill., and S. L. Winslow, Parlin, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for thinning varnishes. 2,168,278; Aug. 1.
Ayrmor Laundry Machinery Co. (See Jorgenson, John P., assignor.)
Azar, John G., San Francisco, Calif. Trap. 2,176.044; Oct. 17.
Azarowich, Frank, Pittston, assignor of one-third to J. J. Woods, Sr., and one-third to J. G. Huntley, West Pittston, Pa. Electric coal mining machine. 2,143,752; Jan. 10.
Azzara, Santo, Jamaica, N. Y. Preparing a shoe sole for laying and for attaching a heel. 2,174,957; Oct. 3.
B. B. B. Corporation. (See Baumheckel, William M., assignor.)
B. B. Chemical Co. (See Griswold, Stainley M., assignor.)
B. B. Chemical Co. (See Macdonald, Alexander D., assignor.)
B. B. Chemical Co. (See Nash, Russell K., assignor.)
B and B Shoe Company. (See Golden, Louis J., assignor.)
B R E Manufacturing Co. (See Leslie, Howard C., assignor.)
B. S. A. Tools Limited. (See Ogilvie, William, assignor.)
Baacke, Henry F., Cowesett, R. I. Curtain rod threading device. 2.183,328; Dec. 12.
Baade, Brunolf C., assignor to Goodyear-Zeppelin Corporation, Akron, Ohio. Retractable car step. 2,146,668; Feb. 7.
Baade, Henry, assignor to Bendix Products Corporation, South Bend, Ind. Clutch control mechanism. 2,177,471; Oct. 24.
Baade, Henry, Detroit, Mich., assignor to Automatic Shifters, Inc., Richmond, Va. Gear shifting mechanism for motor vehicles. 2,179,368; Nov. 7.
Baader, Otto, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Apparatus for carrying out reactions with wire gauze catalysts. 2,156,422; May 2.
Baader, Rudolf, Lubeck, Germany. Fish treating machine and method. 2,180,303; Nov. 14.
Baagoe, Anthon J., Paris, France. Weighing apparatus. 2,163,183; June 20.
Baak, Albert E. (See Denison, F. S., and Baak.)
Baak, Albert E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic reset mechanism. 2,173,798; Sept. 19.
Baak, Albert E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Load-compensated control system. 2,173,799; Sept. 19.
Baak, Albert E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Switching mechanism. 2.178.825; Nov. 7.
Baas, Edmund J., Rochester, N. Y. Shoe tree. 2,158,394; May 16.
Baase, Fred J. (See Baase, Henry C. and F. J.)
Baase, Henry C. and F. J., assignors to Chief Manufacturing Co., Indianapolis, Ind. Rug rolling machine. 2,174,411; Sept. 26.
Baash, Lawrence F. (See Driscoll, Dennis L., assignor.)
Baash, Lawrence F., Los Angeles, Calif. Blow-out preventer. 2,177,164; Oct. 24.
Baash-Ross Tool Company. (See Bronzan, B., and Johnson, assignors.)
Baash-Ross Tool Company. (See Brown, Ora A., assignor.)
Baash-Ross Tool Company. (See Johnson, Glenn D., assignor.)
Baash-Ross Tool Company. (See Johnson, G. D., and Lindgren, assignors.)
Baash-Ross Tool Company. (See Long, Spencer W., assignor.)
Baash-Ross Tool Company. (See Maxwell, William H., assignor.)
Baash-Ross Tool Company. (See Newton, Max A., assignor.)
Baash-Ross Tool Company. (See Walker, David C., assignor.)
Baash-Ross Tool Company. (See Yarbrough, Harold C., assignor.)
Babb, Gerald R., Auburn, Maine. Making turned shoes. 2,150,480; Mar. 14.
Babb, Harley E., Denver, Colo. Keyhole illuminator. 2,176,662; Oct. 17.
Babb, Jerrell, et al. (See Toiberg, C. C., and Koerner, assignors.)
Babb, Maynard A., North Bergen, N. J., assignor to Duro-Test Corporation. Starting and operating circuit for gaseous electric discharge devices. 2,155,816; Apr. 25.
Babb, Maynard A., North Bergen, N. J., and S. J. A. M. Bagno, New York, N. Y., assignors to Duro Test Corporation, North Bergen, N. J. Relay. 2,159,837; May 23.
Babcock, Alfred R., Chicago, Ill. Game apparatus. 2,180,029; Nov. 14.
Babcock, David A., and H. E. Van Derhoef, assignors to Eastman Kodak Company, Rochester, N. Y. Web coating apparatus. 2,168,968; Aug. 8.
Babcock, Earl, Evanston, Ill., assignor to The Hoover Company, North Canton, Ohio. Absorber for refrigerating systems. 2,156,908; May 2.
Babcock, Earl, assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Electrical logging apparatus. 2,159,418; May 23.
Babcock, Earl, Evanston, Ill., assignor to The Hoover Company, North Canton, Ohio. Fluid circulator. 2,164,863; July 4.
Babcock Garrison, Seattle, assignor to A. H. B. Jordan, Everett, Wash. Radio program annunciator. 2,168,662; Aug. 8.
Babcock, Jesse H., and A. Loverde, Niagara Falls, assignors to Hooker Electro-chemical Company, New York, N. Y. Di alkylhalobenzenoid sulphides and producing the same. 2,185,009; Dec. 26.
Babcock, Leon W., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Diazodinitrophenol and preparation of the same. 2,155,579; Apr. 25.
Babcock, Lloyd L., Compton, Calif., assignor to The National Supply Company, Pittsburgh, Pa. Steady rest. 2,146,244; Feb. 7.
Babcock, Reuben E. (See Morrison, J. R., and Babcock.)
Babcock, Roger S., Newark, N. J., and J. M. Gaines, Jr., Kenmore, N. Y., assignors to The Linde Air Products Company. Method of and apparatus for cutting metals. 2,184,561; Dec. 26.
Babcock & Wilcox Company, The. (See Bailey, Ervin G., assignor.)
Babcock & Wilcox Company, The. (See Bailey, E. G., Cassidy, Hardgrove, and Ebbets, assignors.)
Babcock & Wilcox Company, The. (See Brinckerhoff, J. E., and Kohler, assignors), Reed, and Smith.)
Babcock & Wilcox Company, The. (See Cassidy, Perry R., assignor.)
Babcock & Wilcox Company, The. (See Cowan, Harry, assignor.)
Babcock & Wilcox Company, The. (See Fletcher, James, assignor.)

Babcock & Wilcox Company, The. (See Fletcher, J., and Kooistra, assignors.)
Babcock & Wilcox Company. (See Fletcher, J., and Schoessow, assignors.)
Babcock & Wilcox Company, The. (See Hardgrove, Ralph M., assignor.)
Babcock & Wilcox Company, The. (See Hargrove, R. M., and Griesemer, assignors.)
Babcock & Wilcox Company, The. (See Harter, Isaac, assignor.)
Babcock & Wilcox Company, The. (See Heller, Lewis W., assignor.)
Babcock & Wilcox Company, The. (See Hodge, James C., assignor.)
Babcock & Wilcox Company, The. (See Kerr, Howard J., assignor.)
Babcock & Wilcox Company, The. (See Kooistra, Lambert, assignor.)
Babcock & Wilcox Company, The. (See Lucke, Charles E., assignor.)
Babcock & Wilcox Company, The. (See Miller, Benjamin H., assignor.)
Babcock & Wilcox Tube Company, The. (See Newell, Harold D., assignor.)
Babcock & Wilcox Company, The. (See Reed, C. S., Smith, and (Brinckerhoff and Kohler, assignors.).)
Babcock & Wilcox Company, The. (See Shipman, William H., assignor.)
Babcock & Wilcox Company, The. (See Shoemaker, Guy T., assignor.)
Babcock & Wilcox Company, The. (See Stillman, Thomas B., assignor.)
Babcock & Wilcox Company, The. (See Tomlinson, G. H., and Wilcoxson, assignors.)
Babcock & Wilcox Company, The. (See Tomlinson, G. H., and (Wilcoxson, assignor).)
Babcock & Wilcox Company, The. (See Trainer, J. E., Ziegler, Yeo, and Jorde, assignors.)
Babcock & Wilcox Company, The. (See Wilcoxson, L. S., and Ely, assignors.)
Babcoke, George W., Flint, Mich. Windshield. 2,175,625; Oct. 10.
Babicz, George A., assignor to Gaw–O'Hara Envelope Co., Chicago, Ill. Sheet-feeding mechanism. 2,161,124; June 6.
Babineau, Raymond. (See Muller, Oscar, assignor.)
Babitch, Abraham M., Flint, assignor to General Motors Corporation, Detroit, Mich. Metal plate filter. 2,159,196; May 23.
Bäbler, Justus, Zurich-Albisrieden, Switzerland, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Amplifier cascade with negative feedback. 2,161,844; June 13.
Baby Aids, Inc. (See Haritos, Tassos G., assignor.)
Baca, George. (See Kozel, H., Hutchinson, and Baca.)
Bach, Charles G., assignor to The Vilter Manufacturing Company, Milwaukee, Wis. Automatic compressor unloader. 2,170,846; Aug. 29.
Bach, Emmon, Yonkers, assignor, by mesne assignments, to National Aviation Research Corporation, New York, N. Y. Accelerometer. 2,183,002; Dec. 12.
Bach, Irving. (See Lipowsky, L. M., and Bach.)
Bach, Niels B., Vestervig, Denmark. Apparatus for clarifying liquors containing suspended and flocculent matter, such as sugar juices, and similar liquors. 2,153,607; Apr. 11.
Bachelet, Albert E., Mount Vernon, and W. H. T. Holden; said Bachelet assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., and said Holden assignor to American Telephone and Telegraph Company. Selective signaling system. 2,153,128; Apr. 4.
Bachelet, Albert E., New York, and W. H. T. Holden, Long Island City; said Bachelet assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., and said Holden assignor to American Telephone and Telegraph Company. Selective signaling system. 2,154,886; Apr. 18.
Bachi, John, Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Apparatus for concentrating sulphuric acid. 2,155,633; Apr. 25.
Bachler, Leonard J. (See Robitzek, W., and Bachler.)
Bachman, Benjamin D., Philadelphia, C. E. Fogg, Penfield, and D. J. Macklin, Bala Cynwyd, Pa. Gear shifting system. 2,178,061; Oct. 31.
Bachmann, Walter H., Athol, Mass. Compression brake system. 2,156,560; May 2.
Bachmeyer, George J., Schoolcraft, Mich. Receptacle. 2,142,488; Jan. 3.
Bachmeyer, George J., Kalamazoo, Mich., assignor, by mesne assignments, to W. D. Lynch, New York, N. Y. Container. 2,142,101; Jan. 3.
Bachofner, Albert, Spreckels, Calif. Beet-cutting machine. 2,148,922; Feb. 28.
Bachrach, Herbert. (See Fairbanks, H. K., and Bachrach.)
Bacica, John, Philadelphia, Pa. Ornamentation. 2,145,964; Feb. 7.
Back, Robert, assignor to The Wahl Company, Chicago, Ill. Decorative tubular article of pyroxylin or the like. 2,151,548; Mar. 21.
Back, William E., Oulton Broad, England. Model airplane or glider. 2,157,448; May 9.
Bäckdahl, Julia. (See Bäckdahl, Karl G. A., assignor.)
Bäckdahl, Karl G. A., assignor to J. Bäckdahl, Stockholm, Sweden. Ticket printing or marking and issuing apparatus. 2,169,213; Aug. 15.
Backer, Carl A., Houston, Tex. Attachment for refinishing brake drums. 2,145,194; Jan. 24.
Backer, Christian B., Ottawa, Ontario, Canada. Electric heating element. 2,157,884; May 9.
Backer, William, assignor to Swan Cleaners & Furriers, Schenectady, N. Y. Machine for manufacture of coat hangers. 2,145,810; Jan. 31.
Backes, Edward W., Evanston, assignor, by mesne assignments, to American Steel Foundries, Chicago, Ill. Rail joint. 2,172,929; Sept. 12.
Backes, Edward W., Evanston, assignor, by mesne assignments, to American Steel Foundries, Chicago, Ill. Forming rail joints. 2,176,287; Oct. 17.
Backhouse, Headley T., London, England. Device for automatically stopping sheet conveyors for printing or like machines. 2,154,022; Apr. 11.
Backhouse, Headley T., London, England. Sheet feeding machine. 2,156,139; Apr. 25.
Backhouse, Headley T., London, England. Lubricator. 2,164,794; July 4.
Backhouse, Headley T., London, England. Sheet-feeding machine. 2,165,172; July 4.
Backhouse, Headley T., London, England. Sheet feeding machine. 2,167,823; Aug. 1.
Backhouse, Headley T., London, England. Door lock. 2,174,958; Oct. 3.
Backman, Pete A., Turlock, Calif., assignor of one-third to K. E. Dahlgren. Double-bowl scraper. 2,147,077; Feb. 14.
Backstay Welt Company. (See Hill, Clarence B., assignor.)
Bäckström, Sigurd M., Stockholm, Sweden, assignors, by mesne assignments, to Servel, Inc., New York, N. Y. Vehicle cooler using engine fuel as refrigerant. 2,145,678; Jan. 31.
Bäckström, Sigurd M., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,154,258; Apr. 11.
Bäckström, Sigurd M., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,164,730; July 4.
Bäckström, Sigurd M., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigerator. 2,173,150; Sept. 19.
Bäckström, Sigurd M., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigerator. 2,182,273; Dec. 5.
Backup, Eliott, Burlington, Vt. Cloth washer. 2,145,019; Jan. 24.
Backus, Floyd W., St. Louis, Mo., assignor to United Shoe Machinery Corporation, Paterson, N. J. Skiving machine. 2,153,608; Apr. 11.
Backus, Harold A. (See Daland, E., and Backus.)
Bacon, Daniel R. (See Gersbach, H. A., and Bacon.)
Bacon, Elbridge F., Flint, assignor to General Motors Corporation, Detroit, Mich. Electric gauge. 2,181,960; Dec. 5.
Bacon, Elmer W. (See Buenger, E. F., and Bacon.)
Bacon, Elmer W. (See Burns, E. V., and Bacon.)
Bacon, Henry M., Warren, Ohio. Loom picker manufacture. 2,172,921; Sept. 12.
Bacon, Henry M., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Hold-up for textile machinery. 2,149,567; Mar. 7.
Bacon, Henry M., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Picker for textile machinery. 2,149,568; Mar. 7.
Bacon, Henry M., assignor to The Dayton Rubber Mfg. Company, Dayton, Ohio. Loom picker. 2,161,662; June 6.
Bacon, Leonard B., East Brunswick, Victoria, Australia. Indicating device for indicating the level of liquid in containers. 2,151,579; Mar. 21.
Bacon, Raymond F., Bronxville, N. Y. Recovery of sulphur dioxide. 2,180,495; Nov. 21.
Bacon, Raymond F., Bronxville, and R. Fanelli, New Rochelle, N. Y.; said Fanelli assignor to said Bacon. Recovery of sulphur dioxide from gases. 2,142,987; Jan. 10.
Bacon, Raymond F., Bronxville, and R. Fanelli, New Rochelle, N. Y.; said Fanelli assignor to said Bacon. Recovery of sulphur dioxide from gases. 2,142,988; Jan. 10.
Bacon, Raymond F., Bronxville, N. Y., and I. Bencowitz, Gulf, Tex., assignors to Texas Gulf Sulphur Company, Houston, Tex. Pest control. 2,165,206; July 11.
Bacon, Raymond F., Bronxville, N. Y., and I. Bencowitz, Gulf, assignors to Texas Gulf Sulphur Company, Houston, Tex. Paving. 2,182,837; Dec. 12.
Bacon, Robert, Brooklyn, N. Y. Hair curl clasp. 2,163,824; June 27.
Bacon, Sydney E., Seattle, Wash. Fish lure. 2,183,059; Dec. 12.
Badan, Alfred. (See Sahy, Louis, assignor.)
Badeau, Carroll A. (See Thomas, G. C., Jr., and Badeau.)
Badeaux, Jean B., Three Rivers, Quebec, Canada. Electric switch. 2,174,410; Sept. 26.
Bader, William, and R. Licher, assignors to The Kelley-Koett Manufacturing Company Incorporated, Covington, Ky. Stereoscopic shift. 2,178,867; Nov. 7.

Badertscher, Darwin E. (See Berger, H. G., James, and Badertscher.)
Badertscher, Darwin E. (See Reiff, O. M., and Badertscher.)
Badertscher, Darwin E., and G. S. Crandall, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Diesel fuel. 2,174,680; Oct. 3.
Badger, E. B., & Sons Company. (See Allen, John L., assignor.)
Badger, E. B., & Sons Co. (See Peters, William A., Jr., assignor.)
Badger Glove & Mitten Co. (See Schreck, Edwin J., assignor.)
Badger, Henry. (See Shaffer, Harry G., assignor.)
Badger, Kern, Ridgewood, N. J. Insert to be used in conjunction with an outlet box and other electrical units. 2,180,575; Nov. 21.
Badger Meter Manufacturing Company. (See Miller, Jacob C., assignor.)
Baehr, Hans. (See Ulrich, H., Baehr, and Wenzel.)
Baehr, Hans. (See Ulrich, H., Fick, Baehr, and Wenzel.)
Baehr, Hans, Leuna, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Wet purification of gases, especially coal distillation gases. 2,152.454; Mar. 28.
Baehr, Hans, and K. Braus, Leuna, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Cooling gases. 2,157,318; May 9.
Baehr, Hans, and K. Braus, Leuna, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Degasification of alkaline liquids laden with hydrogen sulphide. 2,168,150; Aug. 1.
Baehr, Hans, and W. Wenzel, Leuna, and H. Mengdehl, Huels, Westphalia, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Removal of hydrogen sulphide and hydrocyanic acid and of readily volatile liquids from gases. 2,161,663; June 6.
Baehr, Hans, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the Main, Germany. Production of olefins. 2,161,991; June 13.
Baehr, Henry, Grafton, Ohio. Grinding mill. 2,184,903; Dec. 26.
Baer, Alfred, Berlin-Schmargendorf, Germany. Seal for rotary valves of internal combustion engines. 2,156,960; May 2.
Baer, Howard. (See Finnegan, M. J., and Baer.)
Baer, Howard, Jersey City, assignor to Eclipse Aviation Corporation, East Orange, N. J. Automatic control for deicing mechanism. 2,182,530; Dec. 5.
Baer, Howard, Jersey City, N. J., and M. J. Finnegan, New York, N. Y., assignors to Eclipse Aviation Corporation, East Orange, N. J. Engine starting apparatus. 2,154,555; Apr. 18.
Baer, Howard E., Garfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Automatic control means for deicing mechanisms for aircraft. 2,165,198; July 11.
Baer, John M., Chicago, Ill., assignor to The Guardite Corporation. Redrying of tobacco. 2,184,275; Dec. 26.
Baer, Mabel M., et al. (See Norman, Joseph T., assignor.)
Baer, Walter O., Milwaukee, and E. W. Seeger, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Starting system for internal combustion engines. 2,144,786; Jan. 24.
Baer, Walter O., Milwaukee, and E. W. Seeger, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for electric generating systems. 2,179,680; Nov. 14.
Baerer, Eugene A., Ridgefield, N. J. Dressing commutator brush ends. 2,175,241; Oct. 10.
Baermann, Max, Jr., Cologne, Germany. Apparatus for weighing. 2,148,523; Feb. 28.
Baesecke, Martin, Berlin-Siemensstadt, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Measuring the altitude of aircraft. 2,167,412; July 25.
Baesecke, Martin, and R. Bauer, assignors to Siemens und Halske Aktiengesellschaft, Berlin, Germany. Modulation. 2,152,016; Mar. 28.
Baetzhold, George J., and J. C. Molyneux, Jamestown, N. Y. Clip attaching device. 2,176,116; Oct. 17.
Bafaro, Michael E., Cicero, Ill. Fuel-feeding device. 2,173,151; Sept. 19.
Bag Closing Machine Corporation. (See Allison, Charles F., assignor.)
Bagby, Ben P., assignor to Ageing Laboratories, Inc., Louisville, Ky. Treating whisky. 2,145,243; Jan. 31.
Bagby, Marius C., El Paso, Tex. Making copper sulphate. 2,153,908; Apr. 11.
Bagby, Ralph B., Evanston, Ill. Nozzle for filling machines. 2,147,686; Feb. 21.
Bagby, Ralph B., Chicago, Ill. Filling machine. 2,177,818; Oct. 31.
Bagdadi, Mary, et al. (See Kadri, Vassaf, assignor.)
Baggah Corporation. (See Armentrout, A. L., and Gudie, assignors.)
Baggett, Robert E., and J. Gordon, assignors to Polly Prentiss, Inc., Sumter, S. C. Tufting machine. 2,143,678; Jan. 10.
Baggett, Robert E., and J. Gordon, assignors to Polly Prentiss, Inc., Sumter, S. C. Tufting machine. 2,143,679; Jan. 10.
Bagkap, Inc. (See Scott, William E., assignor.)
Bagley and Sewall Company, The. (See Sanger, Frank M., assignor.)
Bagley, Robert N., and F. M. Ralston, Eureka, Calif. Coin wrapping device. 2,163,509; June 20.
Baglin, Charles N. (See Amico, Joseph, assignor.)
Bagnall, Joseph C., assignor, by mesne assignments, to Swank Products, Inc., Attleboro, Mass. Cuff link. 2,148,183; Feb. 21.
Bagnell, Edgar W., Glendale, assignor of one-half to H. D. Sawtell, Los Angeles, Calif. Vibrator. 2,153,230; Apr. 4.
Bagnell, Robert A. (See Howe, A. F., and Bagnell.)
Bagno, Samuel, and M. Posner, New York, N. Y. Cathode ray oscilloscope. 2.151,313; Mar. 21.
Bagno, Samuel J. A. M. (See Babb, M. A., and Bagno.)
Bagno, Samuel M. New York, and A. Barnett, Brooklyn, N. Y. Method and apparatus for measuring impedance. 2,184,511; Dec. 26.
Bagpak, Inc. (See Cundall, Robert N., assignor.)
Bagpak, Inc. (See Cundall, Robert N., and L. A.)
Baham, William, Baton Rouge, La. Vegetable cutter. 2,145,470; Jan. 31.
Bahan, George F., Charlotte, N. C., assignor to Emmons Loom Harness Company, Lawrence, Mass. Sliding hook for loom harnesses. 2,145,217; Jan. 24.
Bahan, William H. (See Plott, George R., assignor.)
Bahan, William H., Greenville, S. C. Harness connector for looms. 2,154,119; Apr. 11.
Bahan, William H., Greenville, S. C. Eccentric connection for loom swords. 2,154,655; Apr. 18.
Bahan, William H., Greenville, S. C. Bobbin support for battery looms. 2,154,656; Apr. 18.
Bahan, William H., Greenville, S. C. Bobbin support for battery looms. 2,154,657; Apr. 18.
Bahensky, Le Roy, Palmer, Nebr. Tractor wheel attachment. 2,179,170; Nov. 7.
Bahlke, Alfred F. (See Herzberg, G., and Bahlke.)
Bahlke, Alfred F., Scotch Plains, assignor to Utility Electric Corp., Newark, N. J. Combined multilight incandescent lamp and switch. 2,177,237; Oct. 24.
Bahlke, William H., Hammond, Ind., and F. W. Scheineman, assignors to Standard Oil Company, Chicago, Ill. Oil refining. 2,145,852; Feb. 7.
Bahls, Walter E., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vacuum-tight insulated lead-in structure. 2,144,558; Jan. 17.
Bahls, Walter E., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vacuum-tight insulation lead-in structure. 2,147,417; Feb. 14.
Bahls, Walter E., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Assembling lead-in conductor sealed through metallic casing. 2,147,418; Feb. 14.
Bahls, Walter E., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Auxiliary electrode. 2,169,015; Aug. 8.
Bahner, Carl T. (See McKee, R. H., and Bahner.)
Bahnson, Agnew H., assignor to The Bahnson Company, Winston-Salem, N. C. Air filter. 2,178,463; Oct. 31.
Bahnson Company, The. (See Bahnson, Agnew H., assignor.)
Bahnson Company, The. (See Simpson, Jerry H., assignor.)
Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Cigar lighter. 2,145,204; Jan. 24.
Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Cigar lighter. 2,145,205; Jan. 24.
Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Brake lever extension. 2,164,692; July 4.
Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Fender lamp. 2.174,067; Sept. 26.
Bahr, William F., Glen Ullin, N. Dak. Fuel pump. 2,151,069; Mar. 21.
Bähring, Herbert, Berlin-Zehlendorf, assignor to the firm Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Coupling circuit independent of frequency. 2,172,150; Sept. 5.
Bähring, Herbert, Berlin-Zehlendorf, assignor to the firm Fernseh Aktiengesellschaft, Zehlendorf near Berlin, Germany. Two-tube deflecting circuit. 2,178,772; Nov. 7.
Bähring, Herbert, Berlin-Zehlendorf-Mitte, assignor to the firm of Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Multiple voltage divider. 2,180,659; Nov. 21.
Baier, Hermann, assignor to Deutsche Gold und Silber Scheideanstalt vormals Roessler, Frankfort-on-the-Main, Germany. Bleaching tobacco. 2,148,147; Feb. 21.
Baier, Hermann, assignor to Deutsche Gold und Silber Scheideanstalt vormals Roessler, Frankfort-on-the-Main, Germany. Bleaching tobacco. 2,170,107; Aug. 22.
Baier, John J., Flushing, N. Y. Speed regulating device for prime movers. 2,161,693; June 6.

Baier, Otto. Berlin-Reinickendorf, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electric discharge vessel. 2,151,885; Mar. 28.
Baier, Otto, and A. Katsch, Berlin, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Electric discharge device. 2,156,048; Apr. 25.
Baier, Otto, and A. Katsch, Berlin, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electric discharge tube. 2,170,648; Aug. 22.
Baier, Willard E., Ontario, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Making food products. 2,147,960; Feb. 21.
Bailer, C. O., Company. (See Hessman, Fred W., assignor.)
Bailey, Alan J., St. Paul, assignor to Regents of the University of Minnesota, Minneapolis, Minn. Alcoholic treatment of ligneous cellulosic material. 2,166,540; July 18.
Bailey, Arnold B., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Antenna system. 2,184,729; Dec. 26.
Bailey, Bruce L. (See Ridgway, R. R., and Bailey.)
Bailey, Charles W., assignor to Stewart Bros., Inc. of Lynn, Lynn, Mass. Counter rolling machine. 2,160,775; May 30.
Bailey, Charles W., and J. H. Scharffenberg, assignors to Stewart Bros. Inc., Lynn, Mass. Counter molding machine. 2,166,888; July 18.
Bailey, David C., Amesbury, Mass. Weather strip. 2,182,687; Dec. 5.
Bailey, Edward T. W., Hamilton, Ontario, Canada. Valve. 2,174,547; Oct. 3.
Bailey, Ervin G., Easton, Pa., assignor, by mesne assignments, to The Babcock & Wilcox Company, Newark, N. J. Furnace. 2,165,207; July 11.
Bailey, Ervin G., Easton, Pa., assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange apparatus. 2,165,208; July 11.
Bailey, Ervin G., Easton, Pa., assignor to The Babcock & Wilcox Company, Newark, N. J. Vapor generator. 2,170,342; Aug. 22.
Bailey, Ervin G., Easton, Pa., assignor to The Babcock & Wilcox Company, Newark, N. J. Vapor generator. 2,170,343; Aug. 22.
Bailey, Ervin G., Easton, Pa., assignor to The Babcock & Wilcox Company, Newark, N. J. Forced flow vapor generator. 2,170,349; Aug. 22.
Bailey, Ervin G., Easton, Pa., and P. R. Cassidy, Short Hills, R. M. Hardgrove, Westfield, and G. D. Ebbets, Kenilworth, assignors to The Babcock & Wilcox Company, Newark, N. J. Vapor generator. 2,170,345; Aug. 22.
Bailey, George B., Sharon, assignor to Thermal Engineering Company, Boston, Mass. Control means for a plurality of power units. 2,183,364; Dec. 12.
Bailey, George B., Sharon, and E. G. Jay, Mansfield, assignors to Thermal Engineering Company, Boston, Mass. Power generating engine and controlling means therefor. 2,142,102; Jan. 3.
Bailey, Henry, assignor to Blackburn Aircraft Limited, Brough, near Hull, England. Compass swinging apparatus for use in connection with aircraft. 2,147,187; Feb. 14.
Bailey, James, assignor to Bailey & Sharp Co., Inc., Hamburg, N. Y. Thermally toughening glass. 2,144,320; Jan. 17.
Bailey, Jennings, Jr., et al., trustees. (See Best, Frank C., assignor.)
Bailey, Jennings, Jr., et al, trustees. (See Broulhiet, Georges, assignor.)
Bailey, Jennings, Jr., et al., trustees. (See Paton, Clyde R., assignor.)
Bailey, John O., Los Angeles, Calif. Gas heater. 2,156,423; May 2.
Bailey Meter Company. (See Barnes, Frederick A., assignor.)
Bailey Meter Company. (See Dickey, Paul S., assignor.)
Bailey Meter Company. (See Dickey, P. S., and Shannon, assignors.)
Bailey Meter Company. (See Fulton, Henry R., assignor.)
Bailey Meter Company. (See Gorrie, Harvard H., assignor.)
Bailey Meter Company. (See Junkins, Raymond D., assignor.)
Bailey Meter Company. (See Luhrs, John F., assignor.)
Bailey Meter Company. (See Payn, Charles W., assignor.)
Bailey Meter Company. (See Ryder, John D., assignor.)
Bailey Meter Company. (See Weible, Carl J., assignor.)
Bailey Meter Company. (See Wheaton, Henry C., assignor.)
Bailey, Otterbein A., assignor to Chicago Bridge & Iron Company, Chicago, Ill. Liquid storage tank with floating roof. Re. 21,135; July 4.
Bailey, Perkins H., New York, N. Y., assignor to Talon, Inc. Jacket. 2,173,704; Sept. 19.
Bailey, Raymond E., Acworth, Ga. Pencil. 2,176,050; Oct. 17.
Bailey, Richard W., Hale, England, assignor to General Electric Company. Joint for pipes and other metal members. 2,157,885; May 9.
Bailey, Samuel H., Boothwyn, Pa. Pouring spout for cans. 2,145,748; Jan. 31.

Bailey, Samuel J., Brooklyn, assignor of one-half to W. Schlesinger, Bronx, N. Y. Preserving drawn and dressed fowls. 2,174,649; Oct. 3.
Bailey & Sharp Co. (See Bailey, James, assignor.)
Bailey & Sharp Co. (See Sharp, D. E., and Horak, assignors.)
Bailey, William A., Jr. (See McAllister, S. H., and Bailey.)
Bailey, William A., Jr. (See McAllister, S. H., Bouton, and Bailey.)
Bailey, William H., Pueblo, Colo., assignor to The Colorado Fuel and Iron Corporation. Rail fastening. 2,167,864; Aug. 1.
Bailie, James E. (See Nakaoka, Phillip, assignor.)
Baillard, Hamilton, New York, N. Y., and V. B. Pike, Morristown, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cable plug in sleeves. 2,168,757; Aug. 8.
Baillie, Wallace E., McDonald, Pa., assignor to Standard Railway Refrigerator Company, Chicago, Ill. Refrigerator car. 2,168,553; Aug. 8.
Baillod, Marcel, known as Cerny, Paris, France. Fastening device. 2,174,373; Sept. 26.
Baily, Robert W., Philadelphia, Pa. Submersible vibrator. 2,148,722; Feb. 28.
Baily, Robert W., Narberth, Pa. Apparatus for consolidating plastic materials. 2,180,660; Nov. 21.
Baily, Thaddeus F., Alliance, Ohio. Continuous strip furnace. 2,162,692; June 20.
Baily, Thaddeus F., Alliance, Ohio. Producing phosphorus. 2,168,312; Aug. 8.
Bain, William H., Auburn, Maine. Last protection. 2,147,875; Feb. 21.
Bain, William H., Lewiston, Maine. Counter. 2,154,023; Apr. 11.
Bain, William H., Lewiston, Maine. Manufacture of sandals. 2,160,377; May 30.
Bainbridge, George A., Cardiff, Wales. Ramp for the protection of hose pipes. 2,166,516; July 18.
Baines, Percy. (See Ashe, W. T., and Baines.)
Bainton, Raymond, Santa Monica, Calif. Cover for sealing liquid surfaces. 2,167,619; Aug. 1.
Bair, John T., et al. (See Berstler, Carl E., assignor.)
Baird, Albert W., Elizabeth, N. J., and F. G. Outcalt, New Rochelle, N. Y., assignors to The Linde Air Products Company. Electric welding apparatus. 2,182,575; Dec. 5.
Baird, Bernard O., and K. H. Bowen, Auburn, and A. C. Davis, Jr., Ithaca, assignors to Gates-Mills Inc., Johnstown, N. Y. Hand measuring instrument. 2,176,288; Oct. 17.
Baird, Dudley, Berkeley, Calif., assignor to Nichols Engineering & Research Corporation, New York, N. Y. Production and recovery of lime. 2,176,239; Oct. 17.
Baird, Erven D., et al. (See Baird, Lewis F., assignor.)
Baird, Lewis F., Boone Grove, assignor of two-thirds to E. D. Baird, Boone Grove, and R. W. Hockelberg, Valparaiso, Ind. Milk strainer cover. 2,172,327; Sept. 5.
Baird Machine Company, The. (See Barnes, Leslie W., assignor.)
Baird Machine Company, The. (See Bunnell, Earl C., assignor.)
Baird Machine Company, The. (See Lewis, Arthur J., assignor.)
Baird Machine Company, The. (See Lewis, A. J., and Bunnell, assignors.)
Baird, Raymond A., Elizabeth, Ind. Window control device. 2,166,481; July 18.
Baits, Stuart G., Grosse Pointe, assignor to Hudson Motor Car Company, Detroit, Mich. Vehicle brake mechanism. 2,147,955; Feb. 21.
Baird Television Limited. (See Willans, Peter W., assignor.)
Baird, William, and M. Jones, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Preservation of rubber. 2,181,719; Nov. 28.
Baird, William, and M. Jones, Blackley, England, assignors to Imperial Chemical Industries Limited. Preservation of rubber. 2,184,512; Dec. 26.
Baisch, Carl F., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,157,091; May 9.
Baisch, Carl F., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,157,994; May 9.
Baisch, Carl F., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,164,866; July 4.
Baji, John, deceased, by M. Baji, administratrix, New York, N. Y. Refuse disposal truck. 2,143,135; Jan. 10.
Baji, Marie, administratrix. (See Baji, John.)
Bake, Clarence F., assignor of twenty-four percent to W. O. Bake and twenty-five percent to L. A. Moore, Fullerton, Nebr. Automobile steering wheel attachment. 2,150,709; Mar. 14.
Bake, Wilmoth O., et al. (See Bake, Clarence F., assignor.)
Bakelite Building Products Co. (See Brady, Thomas, assignor.)
Bakelite Building Products Co. Inc. (See Harshberger, Norman P., assignor.)
Bakelite Building Products Co. (See Schuh, Charles, assignor.)
Bakelite Building Products Co. (See Schuh, Charles H., assignor.)

Bakelite Corporation. (Bender, Howard L., assignor.)
Bakelite Corporation. (See Butler, William H., assignor.)
Bakelite Corporation. (See Butler, W. H., and Gross, assignors.)
Bakelite Corporation. (See Catlow, W. R., Jr., and Wakefield, assignors.)
Bakelite Corporation. (See Gunderson, Gothfried C., assignor.)
Bakelite Corporation. (See Hanson, Norman D., assignor.)
Bakelite Corporation. (See Hanson, N. D., and Kritzmacher, assignors.)
Bakelite Corporation. (See Kline, H., assignor.)
Bakelite Corporation. (See Röhrs, Wilhelm, assignor.)
Bakelite Corporation. (See Seebach, Fritz, assignor.)
Bakelite Corporation. (See Turkington, Victor H., assignor.)
Bakelite Corporation. (See Turkington, V. H., and Butler, assignors.)
Bakelite Corporation. (See Weith, George S., assignor.)
Bakelite Gesellschaft mit beschränkter Haftung. (See Süssenguth, Otto, assignor.)
Baker, Albert F., Santa Rosa, assignor of three-fourths to A. M. Baker, Stockton, Calif. Fishing lure. 2,162,049; June 13.
Baker, Albert L., Summit, assignor to Gasoline Products Company, Inc., Newark, N. J. Apparatus for firing furnaces. 2,144,098; Jan. 17.
Baker, Albert L., Summit, N. J., assignor to The M. W. Kellogg Company, New York, N. Y. Temperature measuring device. 2,151,648; Mar. 21.
Baker, Albert M. (See Baker, Albert F., assignor.)
Baker, Arthur K. (See Nordberg, E. A., and Baker.)
Baker, Benjamin P. (See Leeds, W. M., and Baker.)
Baker, Benjamin P., Turtle Creek, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,147,419; Feb. 14.
Baker, Benjamin P., Turtle Creek, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,174,232; Sept. 26.
Baker, Benjamin P., Turtle Creek, and L. W. Dyer, Swissvale, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,184,763; Dec. 26.
Baker Brothers, Inc. (See Hallenbeck, George E., assignor.)
Baker, Carl F., Taft, Calif. Core catcher. 2,152,341; Mar. 28.
Baker Castor Oil Company, The. (See Colbeth, Ivor M., assignor.)
Baker, Charles S., Corning, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Compressor regulator. 2,166,789; July 18.
Baker, Charles S., Corning, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Compressor regulator. 2,171,285; Aug. 29.
Baker, Charles S., Corning, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Compressor regulator. 2,171,286; Aug. 29.
Baker, Chauncey W., assignor to The Locke Steel Chain Company, Bridgeport, Conn. Lawn mower rake. 2,143,402; Jan. 10.
Baker, Chester L., Berkeley, Calif., assignor to Philadelphia Quartz Company, Philadelphia, Pa. Sodium sesquisilicate and mixtures including the same and method of manufacturing. 2,145,749; Jan. 31.
Baker, Clarence I., Elizabeth, E. C. Mueller, Jr., Cranford, and F. J. Redmond, Arlington, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnet for switching devices. 2,169,551; Aug. 15.
Baker, Clyde J., Hobart, Okla. Cotton conditioning apparatus. 2,148,184; Feb. 21.
Baker and Company, et al. (See Carter, F. E., Handforth, and Kirst, assignors.)
Baker & Company. (See Rosenblatt, Edgar F., assignor.)
Baker & Company. (See Stauss, H. E., and Ogden, assignors.)
Baker & Company, Inc. (See Schumpelt, K., and Liebig, assignors.)
Baker, Corwin W., Stoneham, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe and making the same. 2,180,385; Nov. 21.
Baker, David B. (See Johnston, E. A., Baker, and Rogers.)
Baker, David B., Riverside, Ill., assignor to International Harvester Company. Tractor construction. 2,143,727; Jan. 10.
Baker, David B., Riverside, C. R. Rogers, Oak Park, and W. O. Bechman, Chicago, Ill., assignors to International Harvester Company. Tractor. 2,146,168; Feb. 7.
Baker, David B., Riverside, C. R. Rogers, Oak Park, and W. O. Bechman, Chicago, Ill., assignors to International Harvester Company. Final drive transmission assembly. 2,146,169; Feb. 7.
Baker, David B., Riverside, and W. O. Bechman and G. A. Tomik, Chicago, Ill., assignors to International Harvester Company. Friction clutch pulley. 2,146,880; Feb. 14.
Baker, David B., Riverside, C. R. Rogers, Oak Park, and W. O. Bechman, Chicago, Ill., assignors to International Harvester Company. Air cleaner mounting for engines. 2,146,881; Feb. 14.
Baker, David B., Riverside, C. R. Rogers, Oak Park, and W. O. Bechman, Chicago, Ill., assignors to International Harvester Company. Sprocket shield. 2,146,882; Feb. 14.
Baker, David B., Riverside, C. R. Rogers, Oak Park, and W. O. Bechman, Chicago, Ill., assignors to International Harvester Company. Radiator and engine support. 2,152,579; Mar. 28.
Baker, David B., Riverside, and C. R. Rogers, Oak Park, Ill., assignors to International Harvester Company. Track roller. 2,179,875; Nov. 14.
Baker, David B., Riverside, C. R. Rogers, Oak Park, and W. O. Bechman, Chicago, Ill., assignors to International Harvester Company. Track roller seal construction. 2,180,134; Nov. 14.
Baker, Dickerson G., Holyoke, Mass., assignor to The American Thread Company, Jersey City, N. J. Thread winding machine. 2,183,735; Dec. 19.
Baker, Dickerson G., Holyoke, and D. R. Gardner, Springfield, Mass., assignors to The American Thread Company, New York, N. Y. Winding machine. 2,163,578; June 27.
Baker, Donald, assignor of one-half to A. N. Mumford, Portland, Oreg. Fly swatter. 2,157,106; May 9.
Baker, Edward B. (See James, R. F., and Baker.)
Baker, Edward C., Avenel, N. J. Propeller. 2,149,951; Mar. 7.
Baker, Edward E. (See Punte, W. F., and Baker.)
Baker, Edwin M., Ann Arbor, assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Making a bumper bar. 2,173,092; Sept. 19.
Baker, Ernest C., Seminole, Okla. Split line weight. 2,152,233; Mar. 28.
Baker, Erwin G., Indianapolis, Ind. Rotary valve engine. 2,156,749; May 2.
Baker, Eugene L., Taunton, Mass. Gas lighter for wick oil burners. 2,183,273; Dec. 12.
Baker, George L., Newark, Del. Apparatus to test juices. 2,171,823; Sept. 5.
Baker, George M., Fresno, Calif. Collapsible tube. 2,182,243; Dec. 5.
Baker, George R., Peterborough, England, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Rotary molding machine for biscuit dough and the like. 2,146,786; Feb. 14.
Baker, George R., and G. D. Wilson, Peterborough, England. Rotary dough molding machine for biscuit doughs and the like. 2,165,528; July 11.
Baker, George R., and J. C. Paterson, Peterborough, England, assignors to Baker Perkins Company, Inc. Roll refiner and the like. 2,168,383; Aug. 8.
Baker, George T. (See Taylor, R., and Baker.)
Baker, Harper, Borger, Tex. Warning sign. 2,176,619; Oct. 17.
Baker, Harry A., assignor to The LaPointe Machine Tool Company, Hudson, Mass. Broach. 2,153,909; Apr. 11.
Baker, Harry J., Indianapolis, Ind., and W. F. Mesinger, Mount Vernon, N. Y., assignors to Oxweld Acetylene Company. Fluid pressure regulator. 2,161,544; June 6.
Baker, Harvie E., Tulsa, assignor of one-third to T. P. Ingle and one-third to C. E. Lander, Dawson, Okla. Rotary rug rack. 2,151,677; Mar. 28.
Baker, Hiram L., Leland, Ill. Trailer coupling. 2,160,815; June 6.
Baker, Hugh J., deceased; V. F. Baker, executrix, assignor to H. J. Baker & Company, Indianapolis, Ind. Shore. 2,148,396; Feb. 21.
Baker, Hugh J., & Company. (See Baker, Hugh J., assignor.)
Baker, J. T., Chemical Co. (See Levin, David, assignor.)
Baker, James S., Sydney, Australia, assignor to The Mantle Lamp Company of America, Chicago, Ill. Laundry iron. 2,166,334; July 18.
Baker, James W. (See Williams, O. M., Baker, and Butler.)
Baker, John A., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Automatic wheel cylinder adjustment device for brakes. 2,154,082; Apr. 11.
Baker, John B., assignor to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing. 2,142,931; Jan. 3.
Baker, John B., assignor to The Timken Roller Bearing Company, Canton, Ohio. Outer raceway member for roller bearings and mounting same. 2,170,492; Aug. 22.
Baker, John C., Montclair, assignor to Novadel-Agene Corporation, Belleville, N. J. Beer drawing apparatus. 2,165,605; July 11.
Baker, John D., Mount Vernon, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Advertising device and secondary closure. 2,177,359; Oct. 24.
Baker, John F., et al. (See Rainey, Clifton K., assignor.)
Baker, John G., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Measuring and recording device for deep well pumps. 2,151,728; Mar. 28.
Baker, John G., and F. C. Rushing, Pittsburgh, and S. J. Mikina, Wilkinsburg, Pa., and H. D. Else, Springfield, Mass., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High speed electric-motor assembly. 2,147,420; Feb. 14.

Baker, John G., and F. C. Rushing, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Indicating balancing machine. 2,165,024; July 4.
Baker, John S., assignor to Cook Electric Company, Chicago, Ill. Zone control for heating systems. 2,145,641; Jan. 31.
Baker, John S., assignor to Cook Electric Company, Chicago, Ill. Lightning arrester. 2,171,351; Aug. 29.
Baker, John S., assignor to Cook Electric Company, Chicago, Ill. Sealing pressure vessels against leaks. 2,175,373; Oct. 10.
Baker, John W. (See Brown, C. J., and Baker.)
Baker, Judd O., Westmont, N. J., assignor to Radio Corporation of America. Voice and music mixer for use in sound recording. 2,158,268; May 16.
Baker, Judd O., Merchantville, N. J., assignor to Radio Corporation of America. Photoacoustical apparatus. 2,166,672; July 18.
Baker, Judd O., Camden, N. J., assignor to Radio Corporation of America. Moving picture apparatus. 2,173,220; Sept. 19.
Baker, Judd O., Camden, N. J., assignor to Radio Corporation of America. Production of sound motion pictures. 2,178,217; Oct. 31.
Baker, Kenneth E., assignor to Gerber Products Company, Fremont, Mich. Display rack. 2,174,715; Oct. 3.
Baker, Leonard, Hillsdale, N. J., assignor to Dexter Folder Company, New York, N. Y. Sheet feeder. 2,149,130; Feb. 28.
Baker, Leonard, Hillsdale, N. J., assignor to Dexter Folder Company, New York, N. Y. Sheet feeding apparatus. 2,183,128; Dec. 12.
Baker, Leonard, Hillsdale, N. J., and G. A. Martin and L. C. Williams, Pearl River, assignors to Dexter Folder Company, New York, N. Y. Sheet feeder. 2,156,648; May 2.
Baker, Leslie C., McAllister, Wis. Fuel injection pump. 2,184,483; Dec. 26.
Baker, Lin E., San Francisco, Calif. Method of and device for handling and conservation of fish and the like. 2,146,105; Feb. 7.
Baker-Lockwood Mfg. Company. (See Mellor, Wilbur L., assignor.)
Baker, Louis S., Parlin, N. J., and G. L. Schwartz, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of cellulose pellets. 2,182,274; Dec. 5.
Baker Manufacturing Co. (See Buffington, Harry C., assignor.)
Baker Manufacturing Co. (See Walch, Jacob S., assignor.)
Baker, Morgan W., Youngstown, Ohio. Leg elevator for operating chairs. 2,151,729; Mar. 28.
Baker Oil Tools, Inc. (See Baker, Reuben C., assignor.)
Baker Oil Tools, Inc. (See Baker, R. C., and Burt, assignors.)
Baker Oil Tools, Inc. (See Burt, Clarence E., assignor.)
Baker Oil Tools, Inc. (See Burt, C. E., and Mayer, assignors.)
Baker, Olaf D. (See Croninger, A. G., and Baker.)
Baker, Paul E. (See Eksergian, C. L., and Baker.)
Baker, Paul S., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Control means for controllable pitch propellers. 2,154,887; Apr. 18.
Baker, Pearce H. (See Hill, George and A. G., Baker, Mitchum, and Harper.)
Baker Perkins Company. (See Baker, George R., assignor.)
Baker Perkins Company. (See Baker, G. R., and Paterson, assignors.)
Baker Perkins Company. (See Carus, V. F., and Alexander, assignors.)
Baker Perkins Company Inc. (See Dumbleton, Claude, assignor.)
Baker Perkins Company. (See Engels, Eugene O., assignor.)
Baker Perkins Company. (See Lasch, A., and Eppler, assignors.)
Baker Perkins Company. (See Paterson, John C., assignor.)
Baker Perkins Company. (See Plambeck, Emil W., assignor.)
Baker Perkins Company. (See Thürlings, Hermann, assignor.)
Baker Perkins Limited. (See Dewhurst, Frank, assignor.)
Baker, Ralph E., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,167,036; July 25.
Baker, Ralph H. (See Gill, H. A., and Baker.)
Baker-Raulang Company, The. (See Hawkins, Paul E., assignor.)
Baker, Rest R., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Synchro-tie control. 2,169,016; Aug. 8.
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Protective means for deep well packers. 2,150,310; Mar. 14.
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Wash-down and cementing shoe for well casings. 2,150,311; Mar. 14.
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Cementing device for well casings. 2,153,034; Apr. 4.
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Bridge and cement retainer for well bores. 2,178,844; Nov. 7.
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Safety circulation medium for well casings. 2,178,845; Nov. 7.
Baker, Reuben C., Coalinga, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Well cementing shoe. 2,178,846; Nov. 7.
Baker, Reuben C., Coalinga, and C. E. Burt, Los Angeles, assignors to Baker Oil Tools, Inc., Huntington Park, Calif. Cementing plug stop for well casings. 2,178,847; Nov. 7.
Baker, Robert E., Muncie, Ind. Coin controlled vending machine. 2,181,039; Nov. 21.
Baker, Robert E., Muncie, Ind. Coin controlled vending machine. 2,181,040; Nov. 21.
Baker, Rollyn H., Dayton, Ohio, and D. G. Bishop, Chicago, Ill. Motor operated tooth brush. 2,158,738; May 16.
Baker, Ronald A., Los Angeles, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Treatment of fabrics to prevent rotting. 2,157,727; May 9.
Baker, Roy E., Reading, Mass., assignor to The New York Air Brake Company. Compressor. 2,143,179; Jan. 10.
Baker, Terry A., McAllen, Tex. Automatic temperature regulating device. 2,147,513; Feb. 14.
Baker, Velma F., executrix. (See Baker, Hugh J.)
Baker, V. P., et al. (See Pieper, Howard K., assignor.)
Baker, Virgil H. (See Mattern, J. F., and Baker.)
Baker, Virgil P. (See Armentrout, A. L., and Hall, assignors.)
Baker, Virgil P. (See Hall, E. B., and Armentrout, assignors.)
Baker, Virgil P., et al. (See Werts, Richard A., assignor.)
Baker, W. J., Co. (See Konen, Harry, assignor.)
Baker, Walter, assignor to Speeder Machinery Corporation, Cedar Rapids, Iowa. Excavating shovel. 2,162,994; June 20.
Baker, Walter J., West Somerville, assignor to Boston Woven Hose & Rubber Company, Cambridge, Mass. Vulcanizing machine. 2,159,543; May 23.
Baker, Walter J., West Somerville, and C. J. H. Perry, North Quincy, assignors to Boston Woven Hose & Rubber Company, Cambridge, Mass. Vulcanizing machine. 2,181,859; Dec. 5.
Baker, William H. (See McCann, J. J., and Stuer, assignors.)
Baker, William H., Montreal, Quebec, Canada. Loom. 2,150,668; Mar. 14.
Baker, William H., Montreal, Quebec, Canada. Protection device in looms. 2,154,802; Apr. 18.
Bakers & Confectioners Supply Co. of California. (See Drew, William F., assignor.)
Bakke, Leopold A., Chicago, Ill. Face-up delivery device for a printing press. 2,144,398; Jan. 17.
Bakker, Pier, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Electromagnetic relay. 2,153,291; Apr. 4.
Bakonyi, Stefan, Dessau, Germany, assignor to O. Kraus, Prague, Czechoslovakia. Production of thermosetting molding compositions and molded articles from natural horn. 2,159,981; May 30.
Balachowsky, Georges, Paris, France, assignor to General Electric Company. Electric circuit breaker. 2,158,846; May 16.
Balas, George, Cleveland, Ohio, assignor to The Benco Manufacturing Company. Expanding a spring feeding finger. 2,162,050; June 13.
Balcar, Frederick R., Stamford, Conn., assignor, by mesne assignments, to U. S. Industrial Alcohol Co., New York, N. Y. Recovery of olefin oxides from gaseous mixtures. 2,169,210; Aug. 15.
Balcar, Frederick R., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Separation of acetylene from gaseous mixtures. 2,180,386; Nov. 21.
Balcar, Frederick R., Stamford, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Recovering solvent employed in the separation of acetylene from gaseous mixtures. 2,180,496; Nov. 21.
Balch, Ralph H., and T. C. Campbell, Cumberland, Md., assignors to Celanese Corporation of America. Warp creel. 2,177,855; Oct. 31.
Baldanza, Nicholas T., Passaic, N. J. Cable cutter. 2,165,209; July 11.
Baldanza, Nicholas T., Passaic, N. J. Spectacles. 2,166,110; July 18.
Baldeck, Emile, Pully-Port, Lausanne, Switzerland. Display stand. 2,143,592; Jan. 10.
Baldeschwieler, Emile L. Cranford, N. J., assignor to Standard Oil Development Company. Manufacturing boron fluoride. 2,163,232; June 20.
Balduf, Bruno E., assignor to United States Gypsum Company, Chicago, Ill. Wall structure. 2,160,711; May 30.
Baldwin, Alfred W., Pensacola, Fla., assignor by mesne assignments to Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Apparatus for coating beveled edges. 2,165,210; July 11.
Baldwin, Alfred W., and E. E. Walker, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Quaternary ammonium salts. 2,146,392; Feb. 7.

Baldwin, Alfred W., and H. A. Piggott, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Quaternary ammonium salts. 2,147,811; Feb. 21.
Baldwin, Ames, Wyoming Co. (See Wharton, George C., assignor.)
Baldwin, Clyde P. (See Joy, J. F., and Baldwin.)
Baldwin Company, The. (See Day, Wilbur M., assignor.)
Baldwin Company, The. (See Jordan, John F., assignor.)
Baldwin Company, The. (See Kock, Winston E., assignor.)
Baldwin Company, The. (See Kock, W. E., and Jordan, assignors.)
Baldwin Company, The. (See Morse, Arthur H., assignor.)
Baldwin Company, The. (See Morse, A. H., and Schneider, assignors.)
Baldwin Company, The. (See Trinkle, Carl, assignor.)
Baldwin, David E., Portsmouth, Va. Crochet stand or holder. 2,162,294; June 13.
Baldwin-Duckworth Chain Corporation. (See McCann, John F., assignor.)
Baldwin, Elmir O., Jr. (See Kester, R. N., and Baldwin.)
Baldwin, George S., Cleveland Heights, and W. G. Mau, Cleveland, assignors to The American Laundry Machinery Company, Norwood, Ohio. Control for pressing machines. 2,171,529; Sept. 5.
Baldwin, James H., New Milford, and K. Knudsen, Danbury, Conn., assignors to Container Fitments, Inc., New York, N. Y. Nonrefillable bottle stopper. 2,155,290; Apr. 18.
Baldwin, James H., New Milford, and K. Knudsen, Danbury, Conn., assignors to Container Fitments, Inc., New York, N. Y. Nonrefillable bottle stopper. 2,155,291; Apr. 18.
Baldwin, James H., New Milford, and K. Knudsen, Danbury, Conn., assignors to Container Fitments, Inc., New York, N. Y. Nonrefillable bottle stopper. 2,155,292; Apr. 18.
Baldwin, Julian T., West Chester, Pa., assignor to Paulsboro Manufacturing Company. Coating composition and process of preparing the same. 2,153,910; Apr. 11.
Baldwin, Millard W., Jr., Glen Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Safety circuits for cathode ray tubes. 2,165,025; July 4.
Baldwin, Millard W., Jr., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cathode ray sweep circuit. 2,178,464; Oct. 31.
Baldwin, Myron H., Milwaukee, Oreg. Display container. 2,163,138; June 20.
Baldwin Rubber Company. (See McDonald, Angus, assignor.)
Baldwin Rubber Company. (See Glougie, Bert S., assignor.)
Baldwin Rubber Company. (See Vrooman, William S., assignor.)
Baldwin-Southwark Corporation. (See Dinzl, Richard W., assignor.)
Baldwin-Southwark Corporation. (See Emery, Albert H., assignor.)
Baldwin-Southwark Corporation. (See Gibbons, Chester H., assignor.)
Baldwin-Southwark Corporation. (See Heller, Henry C., assignor.)
Baldwin-Southwark Corporation. (See Lichty, Arthur J., assignor.)
Baldwin-Southwark Corporation. (See Peters, Orville S., assignor.)
Baldwin-Southwark Corporation. (See Weiland, Alfred, assignor.)
Baldwin-Southwark Corporation. (See Weiland, A., and Galson, assignors.)
Baldwin-Southwark Corporation. (See Zwickl, Joseph R., assignor.)
Baldwin, Wayne A. (See Campbell, C. A., and Baldwin.)
Baldwin, William A., assignor to Ainsworth Dyeing Machine Company, Utica, N. Y. Dyeing machine. 2,160,300; May 30.
Bale, George W., Springfield, Ill., assignor, by mesne assignments, to H. Oliver, Little Rock, Ark. Transformer. 2,173,387; Sept. 19.
Bales, James E., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Perforated top for merchandising tables. 2,148,892; Feb. 28.
Balfe, George T., assignor to Detroit Gasket & Manufacturing Company, Detroit, Mich. Machine and method of fabricating glass run channels. 2,143,430; Jan. 10.
Balfe, George T., assignor to Detroit Gasket & Manufacturing Company, Detroit, Mich. Gasket. 2,152,630; Apr. 4.
Balfe, George T., assignor to Detroit Gasket & Mfg. Company, Detroit, Mich. Gasket. 2,169,516; Aug. 15.
Balfe, George T., assignor to Detroit Gasket & Mfg. Co., Detroit, Mich. Gasket. 2,170,363; Aug. 22.
Balfe, George T., assignor to Detroit Gasket & Mfg. Company, Detroit, Mich. Laminated material. 2,171,530; Sept. 5.
Balke, Hans. (See Kaiser, W., and Balke.)
Ball, Albert L., Lewiston, assignor by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Filler for abrasive articles. 2,162,600; June 13.
Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Apparatus for making vehicle body panels. 2,143,136; Jan. 10.
Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Vehicle body. 2,145,642; Jan. 31.
Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Ventilator mechanism. 2,159,516; May 23.
Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Trim panel assembly. 2,160,636; May 30.
Ball, Albert P., assignor to Briggs Manufacturing Company, Detroit, Mich. Trim panel assembly. 2,160,637; May 30.
Ball, Alpheus M., Newark, assignor to Hercules Powder Company, Wilmington, Del. Restoring the stability of deteriorated smokeless powder. 2,151,494; Mar. 21.
Ball and Ball Carburetor Company. (See Ball, Frederick O. and T. M., assignors.)
Ball Brothers Company. (See Wadsworth, Frank L. O., assignor.)
Ball, Charles F., Wauwatosa, assignor to Chain Belt Company, Milwaukee, Wis. Valve for concrete and the like. 2,175,074; Oct. 3.
Ball, Charles O., Oak Park, Ill., assignor to American Can Company, New York, N. Y. Processing milk products. 2,153,542; Apr. 11.
Ball, Cornelia M., executrix. (See Ball, Frederick O. and T. M.)
Ball, Frances A., New York, N. Y. Receptacle. 2,170,525; Aug. 22.
Ball, Francis J., Jr., and V. J. Ball, Willow Grove, Pa. Interior wall construction of buildings. 2,163,314; June 20.
Ball, Frederick O., deceased; C. M. Ball, executrix, and T. M. Ball, Detroit, Mich., assignors to Ball and Ball Carburetor Company. Carburetor. 2,182,393; Dec. 5.
Ball, George A. (See Lugington, Lawrence L., assignor.)
Ball, Harold H., assignor to Industrial Washing Machine Corporation, New Brunswick, N. J. Automatic washing machine. 2,180,947; Nov. 21.
Ball, Harvey W., assignor to The Morgan Engineering Company, Alliance, Ohio. Charging machine. 2,151,003; Mar. 21.
Ball, Harvey W., assignor to The Morgan Engineering Company, Alliance, Ohio. Photoelectric control for traveling cranes or the like. 2,181,778; Nov. 28.
Ball, John B. (See Billker, F. W., and Ball.)
Ball, John M., Pelham, assignor to R. T. Vanderbilt Company, Incorporated, New York, N. Y. Rubber compounding. 2,161,445; June 6.
Ball, Joseph A., and W. C. Hoch, Los Angeles, Calif., assignors to Technicolor Motion Picture Corporation, Boston, Mass. Dividing polarized light beams. 2,182,142; Dec. 5.
Ball, Laurence M. (See Utz, C. C., and Ball.)
Ball, Robert J., Los Angeles, Calif. Well-drilling fluid. 2,174,027; Sept. 26.
Ball, Robert W., Wilmington, Del., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Coated cellulosic fabric. 2,149,329; Mar. 7.
Ball, Russell C., Philadelphia, Pa. Compensating device for valve control. 2,150,813; Mar. 14.
Ball, Samuel G., Streetly, England, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Covering tennis balls. 2,171,118; Aug. 29.
Ball, Thomas F. (See Keller, Francis W., assignor.)
Ball, Thomas M. (See Ball Frederick O. and T. M.)
Ball, Vincent J. (See Ball, Francis J., Jr., and V. J.)
Ballantine, Stuart, Mountain Lakes, N. J. Contact microphone. 2,165,123; July 4.
Ballantine, Stuart, Mountain Lakes, N. J. Throat microphone. 2,165,124; July 4.
Ballard, Charles H., assignor to Lindley Box & Paper Company, Marion, Ind. Box structure. 2,157,686; May 9.
Ballard, Charles S., Seattle, Wash. Making dentures. 2,171,736; Sept. 5.
Ballard, Ernest S., Berkeley, Calif., assignor to Standard Process Corporation, Chicago, Ill. Forming printing cylinders. 2,155,392; Apr. 25.
Ballard, Harold L., assignor to Misener Manufacturing Co., Inc., Syracuse, N. Y. Fingerprint machine. 2,153,684; Apr. 11.
Ballard, Herman E., Berkeley, Calif., assignor to Walworth Patents Inc., Boston, Mass. Valve. 2,175,867; Oct. 10.
Ballard, Julius. (See Nightenhelser, B., and Ballard.)
Ballard, Randall C., Marion, Ind., assignor to Radio Corporation of America. Television system. 2,152,234; Mar. 28.
Ballard, Randall C., Westmont, N. J., assignor to Radio Corporation of America. Cathode ray tube circuits. 2,173,221; Sept. 19.
Ballauf, Frintz, Cologne-Mulheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo dyestuffs. 2,149,494; Mar. 7.
Balle, Gerhard. (See Steindorff, A., Balle, Heimke, and Horst.)
Balle, Gerhard. (See Steindorff, A., Balle, Horst, and Schild.)
Balle, Gerhard, and G. Schulz, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Dressing textiles. 2,168,253; Aug. 1.

Ballentine, Earle W., assignor, by mesne assignments to F. E. Hummel, permanent trustee of Russell Electric Company, Chicago, Ill. Air control for furnaces. 2,160,408; May 30.
Ballentine, George K., Ridgewood, N. J. Dishwashing machine. 2,152,455; Mar. 28.
Ballentine, George K., New York, N. Y. Garment bag. 2,169,959; May 30.
Ballert, Otto, Berlin, Germany. Control device for reciprocating working pistons. 2,142,628; Jan. 3.
Ballew, Elmer L., assignor of one-half to R. L. Swats, Chicago, Ill. Electric sign. 2,147,232; Feb. 14.
Ballman, Edwin C., St. Louis, Mo. Liquid fuel burning system. 2,146,706; Feb. 14.
Ballman, Edwin C., St. Louis, Mo. Oil burner. 2,162,051; June 13.
Ballou, B. A., & Co. (See Morehouse, Eugene, assignor.)
Ballou, Cleveland A. (See Dunston, Willard J., assignor.)
Ballou, Frederick H. (See Mason, J. E., and Ballou.)
Ballou, Lester W. (See Fassnacht, K., and Ballou.)
Balma, Aldo, Voghera, Italy. Stapling pliers. 2,174,219; Sept. 26.
Balmer, John H., Maplewood, N. J. Wall bracket. 2,144,602; Jan. 24.
Balmford, Joseph A., East Orange, N. J. Synchronizing alternating current motors. 2,148,053; Feb. 21.
Baloun, Kurt, Berlin-Haselhorst, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone system. 2,176,321; Oct. 17.
Balp, André. (See Ferté, A. M. A., and Balp.)
Balsiger, Harold E. (See Price, R. E., Balsiger, and Ott.)
Balsiger, Harold E., assignor to Landis Tool Company, Waynesboro, Pa. Work rest. 2,160,378; May 30.
Balsiger, Harold E., assignor to Landis Tool Company, Waynesboro, Pa. Sizing device. 2,184,090; Dec. 19.
Balsley, James R., La Canada, Calif., assignor to United Research Corporation, Long Island City, N. Y. Sound reproduction. 2,144,749; Jan. 24.
Balsley, James R., assignor to Ozaphane Corporation of America, Stamford, Conn. Sound-reproducing system. 2,171,531; Sept. 5.
Balsley, James R., assignor to Ozaphane Corporation of America, Stamford, Conn. Sound-reproducing system and apparatus. 2,171,532; Sept. 5.
Balsley, James R., New York, N. Y., assignor, by mesne assignments, to Ozaphane Corporation of America, Stamford, Conn. Sound reproducing system. 2,171,969; Sept. 5.
Baltimore Paper Box Company, The. (See Ferguson, George K. S., assignor.)
Baltimore Salesbook Company, The. (See Morrison, J. R., and (Babcock, assignor).)
Baltimore Salesbook Company, The. (See Brock, Henry Y., Jr., assignor.)
Baluta, Robert. (See Roman, P., and Baluta.)
Balz, Emil H. (See Cordier, D. E., and Balz.)
Balz, Philipp, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Recovery of magnesium. 2,159,878; May 23.
Balz, Philipp, and A. Hloch, Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Oxygen yielding compositions. 2,143,367; Jan. 10.
Balz, William G., and E. D. Clickner, assignors to Shakespeare Company, Kalamazoo, Mich. Fishing reel. 2,149,413; Mar. 7.
Balz, William G., and E. D. Clickner, assignors to Shakespeare Company, Kalamazoo, Mich. Fishing reel. 2,181,259; Nov. 28.
Balzano, Oreste. (See Hinman, G. L., and Balzano.)
Bambach, Frank J., West Hartford, Conn. Fountain brush. 2,162,907; June 20.
Bamberger, Alexander, assignor of one-third to J. Ruml, and one-third to H. Kreuzer, Winnipeg, Manitoba, Canada. Water faucet. 2,158,566; May 16.
Bamberger, Glenn R., assignor to Sears, Roebuck and Co., Chicago, Ill. Coupling member. 2,159,756; May 23.
Bamforth, Doric C., Vancouver, British Columbia, Canada. Radio control device. 2,176,051; Oct. 17.
Bamford, Harry S. (See Farnsworth, P. T., and Bamford.)
Banbury, Fernley H., Woodmont, assignor to Farrel-Birmingham Company, Inc., Derby, Conn. Temperature-controlling means for rubber mill pans or the like. 2,170,396; Aug. 22.
Bancel, Paul A., Upper Montclair, assignor to Ingersoll-Rand Company, Jersey City, N. J. Apparatus for refrigerating purposes. Re. 21,193; Sept. 5.
Bancroft, Albert F., West Newton, Mass. Soft flexing apparatus. 2,160,114; May 30.
Bancroft, Albert F., West Newton, Mass., assignor to Bancroft-Walker Company. Flexing shoe soles. 2,150,794; Mar. 14.
Bancroft, Albert F., and J. S. Kamborian, West Newton, assignors to Northern Machine Co., Inc., Waltham, Mass. Lasting appliance. 2,142,831; Jan. 3.
Bancroft, Benjamin M., Los Angeles, Calif. Fumigator. 2,154,803; Apr. 18.
Bancroft, Charles, New Canaan, Conn. Rotary torus cylinder motor. 2,155,249; Apr. 18.
Bancroft, Erwin P., Brooklyn, assignor to Postal Telegraph-Cable Company (New York), New York, N. Y. Secret sounder. 2,147,812; Feb. 21.
Bancroft, Howard L., Sharon, Pa., assignor of one-half to H. S. Smith, Hubbard, Ohio. Pump. 2,166,111; July 18.
Bancroft, James E., Jamaica, assignor to The Peelle Company, Brooklyn, N. Y. Operator for elevator doors. 2,146,046; Feb. 7.
Bancroft, Joseph C., New York, N. Y. Casement window ventilator. 2,182,576; Dec. 5.
Bancroft, Joseph, & Sons Co. (See Bromley, Frank, assignor.)
Bancroft, Joseph, & Sons Co. (See Ford, Florence M., assignor.)
Bancroft, Joseph & Sons Co. (See Ford, F. M., and Lippert, assignors.)
Bancroft, Joseph, & Sons Co. (See Lippert, Arnold L., assignor.)
Bancroft-Walker Company. (See Bancroft, Albert F., assignor.)
Band, Philip. (See Dahler, August, assignor.)
Bandish, Joseph M., and O. Markel, Chicago, Ill.. Tube holding structure and lock. 2,179,248; Nov. 7.
Bandtell, Charles M., et al. (See Booharin, Leo Y., assignor.)
Bandy, Alvin M., Ganado, Tex. Sampling device for wells. 2,176,240; Oct. 17.
Bang, Carl S., Montreal, Quebec, Canada. Portable kiln. 2,159,310; May 23.
Bangert, Harry P., Richmond, Ind. Air holder for refrigerators. 2,146,707; Feb. 14.
Bangratz, Ernest G., Churchill Borough, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Mercury pool damping means. 2,172,185; Sept. 5.
Bangs, Ralph C., Providence, R. I., assignor to L. K. Stupell. Ornamental tie holder and the like. 2,146,047; Feb. 7.
Bangs, Ralph C., Providence, R. I., assignor to L. K. Stupell. Ornament retaining construction. 2,156,833; May 2.
Bangs, Ralph L., Wakefield, assignor to Forest Wadding Company, Boston, Mass. Container. 2,149,412; Mar. 7.
Bangser, William, New York, N. Y., assignor to H. Maimin Company, Incorporated. Cloth-cutting machine. 2,156,798; May 2.
Banholzer, Harry F., Chicago, Ill. Twitch. 2,170,442; Aug. 22.
Bank of America Trust and Savings Association, executor, et al. (See Strobel, Roy E., assignor.)
Banke, Marcel, assignor to Cold Chest Holding Company, Detroit, Mich. Cold chest. 2,164,677; June 4.
Banker, Oscar H., assignor to New Porducts Corporation, Chicago, Ill. Overdrive gearing. 2,159,980; May 30.
Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Automatic clutch mechanism. 2,168,856; Aug. 8.
Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Variable speed transmission. 2,170,649; Aug. 22.
Banker, Oscar H., assignor to New Products Corporation, Chicago, Ill. Automatic transmission. 2,171,534; Sept. 5.
Banks, Dean, San Marino, Calif. Automatic drain. 2,143,469; Jan. 10.
Banks, George B. (See Brett, G. F., and Banks.)
Banks, George B., Chelmsford, England, assignor to Radio Corporation of America. Oscillation generator. 2,148,096; Feb. 21.
Banks, George B., Chelmsford, England, assignor to Radio Corporation of America. Electron discharge device. 2,161,272; June 6.
Banks, George B., Chelmsford, England, assignor to Radio Corporation of America. Electron beam deflection circuits. 2,170,847; Aug. 29.
Banks, George B., Chelmsford, England, assignor to Radio Corporation of America. Sound motion picture apparatus. 2,183,211; Dec. 12.
Banks, George B., London, England, assignor to Radio Corporation of America. Electrical oscillation generator. 2,160,052; May 30.
Banks, George B., Billericay, England, assignor to Radio Corporation of America. Secondary emission tube. 2,164,892; July 4.
Banks, Ira O., Higginsville, Mo. Radio receiver. 2,153,447; Apr. 4.
Bankston, Percy, Crossville, Tenn. Fountain comb. 2,164,442; July 4.
Banks, Robert W., Memphis, Tenn. Adjustable jar element and sealing cup. 2,175,735; Oct. 10.
Banigan, Thomas F., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Regenerated cellulose pellicle. 2,179,571; Nov. 14.
Banner, Murray, Brooklyn, N. Y. Stereoptican shade. 2,166,335; July 18.
Banner, Otto A., Highland Park, N. J. Power transmission. 2,162,543; June 13.
Bannerman, Gordon H., Worcester, Mass., and J. M. Curran and G. H. Trout, Omaha, Nebr., assignors to The American Steel and Wire Company of New Jersey. Aerial ski tramway. 2,152,235; Mar. 28.
Banning, Frederick D., Meadville, Pa., assignor to Talon, Inc. Separable fastener. 2,168,598; Aug. 8.

Banning, Thomas A., Jr., Chicago, Ill., assignor to Bendix Products Corporation, South Bend, Ind. Braking system. 2,152,017; Mar. 28.
Bannister, Bryant, Mount Lebanon, Pa., assignor to National Tube Company. Conditioning metal stock. 2,148,675; Feb. 28.
Bannister, Bryant, Mount Lebanon, Pa., assignor to National Tube Company. Apparatus for expanding metallic tubular workpieces. 2,155,883; Apr. 25.
Bannister, Bryant, Mount Lebanon, Pa., assignor to National Tube Company. Mandrel bar. 2,182,910; Dec. 12.
Bannister, William J., Terre Haute, Ind., assignor to Resinox Corporation, New York, N. Y. Phenol-butyraldehyde resin. 2,176,951; Oct. 24.
Bannon, Lewis A., Roselle, N. J., assignor to Standard Oil Development Company. Making isobutylene polymers of high molecular weight. 2,176,194; Oct. 17.
Bannon, Thomas W., Chicago, Ill., assignor, by mesne assignments, to E. L. Wall, Detroit, Mich. Duplicating machine. 2,154,718; Apr. 18.
Banta, John S., New York, N. Y. Structural frame. 2,169,865; Aug. 15.
Bantam Bearings Corporation. (See Frauenthal, H., and Thomas, assignors.)
Banwell, James, Cleveland, Ohio. Expansion joint for concrete pavements, walks or the like. 2,150,710; Mar. 14.
Bany, Herman. (See Anderson, A. E., and Bany.)
Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Control system. 2,146,556; Feb. 7.
Bany, Herman, assignor to General Electric Company, Lansdowne, Pa. Circuit breaker control system. 2,152,782; Apr. 4.
Bany, Herman, Lansdowne, Pa., assignor to General Electric Company. Control of electric switches. 2,157,810; May 9.
Baptiste, William. (See Wickenden, L., and Baptiste.)
Barach, Alvan L., et al. (See Pilblad, Eric J., assignor.)
Barach, Edmund J., et al. (See Pilblad, Eric J., assignor.)
Barbarou, Marius J.-B., Neuilly-sur-Seine, France. Flexible coupling. 2,148,795; Feb. 28.
Barbarou, Marius J.-B., Neuilly-sur-Seine, France. Control of the sleeve valves of engines. 2,163,929; June 27.
Barbarou, Marius J.-B., Neuilly-sur-Seine, France. Mounting of cylinders in motors. 2,170,443; Aug. 22.
Barbarou, Marius J.-B., Neuilly-sur-Seine, France. Two-speed step-up gear with hydraulic control. 2,170,444; Aug. 22.
Barbarou, Marius J.-B., Neuilly, Seine, France. Sleeve valve engine. 2,179,706; Nov. 14.
Barbato, Joseph, Cleveland, Ohio. Roller skate. 2,150,814; Mar. 14.
Barbato, Theodore, White Plains, N. Y. Slab flooring. 2,177,238; Oct. 24.
Bar-B-Buns, Inc. (See Strietelmeier, John E., assignor.)
Barbé, Edgar H., Santa Monica, Calif. Mobile ashtray. 2,183,419; Dec. 12.
Barbelle, Albert W., New York, N. Y. Folding card novelty. 2,171,533; Sept. 5.
Barber, Alfred L., et al. (See Sleeper, Ned M., assignor.)
Barber, Alfred W., Flushing, N. Y. Automatic sensitivity tuning system. 2,144,008; Jan. 17.
Barber, Alfred W., Flushing, N. Y. Vacuum tube socket. 2,144,009; Jan. 17.
Barber, Alfred W., Flushing, N. Y. Compensated diode detector. 2,181,469; Nov. 28.
Barber Asphalt Corporation. (See Hayden, H. P., and Schweyer, assignors.)
Barber Asphalt Corporation. (See Hayden, Harold P., assignor.)
Barber Asphalt Corporation. (See Warden, John B., assignor.)
Barber-Colman Company. (See Dewey, Ritchie P., assignor.)
Barber-Colman Company. (See Drake, George F., assignor.)
Barber-Colman Company. (See Edgar, John, assignor.)
Barber-Colman Company. (See Lake, Harry E., assignor.)
Barber-Colman Company. (See Lilja, Edgar D., assignor.)
Barber-Colman Company. (See Marcellus, Brooks, assignor.)
Barber-Colman Company. (See Noling, Martin N., assignor.)
Barber-Colman Company. (See Peterson, B. A., and Marcellus, assignors.)
Barber-Colman Company. (See Peterson, Burt A., assignor.)
Barber-Colman Company. (See Purvin, Benjamin R., assignor.)
Barber-Colman Company. (See Sadtler, Chester B., assignor.)
Barber-Colman Company. (See Stewart, Duncan J., assignor.)
Barber, Frank F. (See Vollans, Frederick W., assignor.)
Barber, Frank, assignor of one-fifth to T. G. Henderson, Toronto, Ontario, Canada. Variable speed and motion transmitting mechanism. 2,144,609; Jan. 24.
Barber, George W., New Haven, Conn., dedicated to the free use of the People of the United States of America. Insecticidal fumigation of growing corn. 2,173,293; Sept. 19.
Barber-Greene Company. (See Barber, Harry H., assignor.)
Barber, Harry H., assignor to Barber-Greene Company, Aurora, Ill. Propelling and finishing units. 2,168,507; Aug. 8.
Barber, Howard M., Pawcatuck, Conn., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Web-perfecting rotary printing press. 2,170,526; Aug. 22.
Barber, Howard M., Pawcatuck, assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet-fed rotary perfecting printing press. 2,174,864; Oct. 3.
Barber, Howard M., Pawcatuck, assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet-fed rotary perfecting printing press. 2,174,865; Oct. 3.
Barber, Howard M., Pawcatuck, Conn., and H. J. Luehrs, assignors to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet delivery for printing presses. 2,183,212; Dec. 12.
Barber, Hugh B., assignor to Surface Combustion Corporation, Toledo, Ohio. Gas shut-off means for mixing apparatus. 2,147,568; Feb. 14.
Barber, Hugh B., assignor to Surface Combustion Corporation, Toledo, Ohio. Burner for furnaces. 2,153,951; Apr. 11.
Barber, William R. (See Mispley, R. G., and Barber.)
Barbieri, Andrés, assignor to Amperite Company, New York, N. Y. Phonograph pick-up. 2,148,796; Feb. 28.
Barbieri, Cesare, New York, N. Y., assignor to Dixie-Vortex Company, Chicago, Ill. Confectionery wrapper and method of packaging confectioneries. 2,156,328; May 2.
Barbour, Kenneth H., Ealing, London, assignor to Electric & Musical Industries, Limited, Hayes, Middlesex, England. Wireless aerial system. 2,160,053; May 30.
Barbour, Kenneth H., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Wireless aerial system. 2,168,857; Aug. 8.
Barbour Welting Company. (See Lyon, Harry, assignor.)
Barbour Welting Company. (See Vizard, William C., assignor.)
Barbulesco, Constantin D., Dayton, Ohio. Aircraft navigation and landing system. 2,174,548; Oct. 3.
Barcalo Manufacturing Company. (See Vallone, Joseph M., assignor.)
Barclay, Frank B., and H. E. May, Jr., assignors to Dearborn Chemical Company, Chicago, Ill. Fluid treatment apparatus. 2,172,951; Sept. 12.
Barclay, William L., Arlington, Va. Retractable water propeller for airships. 2,151,004; Mar. 21.
Barco Manufacturing Company. (See Gray, Thomas C., assignor.)
Barcroft, Wilbert F., Los Angeles, Calif. Automobile recording device. 2,142,103; Jan. 3.
Barcroft, William, London, England. Inflatable swimming support. 2,173,388; Sept. 19.
Barcy, William W., assignor to T. B. F. Company, Detroit, Mich. Clamp. 2,175,453; Oct. 10.
Bard, Charles T., Gales Ferry, Conn. Corer. 2,150,046; Mar. 7.
Bard, Francis N., Highland Park, Ill., assignor to Gas Tool Patents Corporation. Internal combustion hammer. 2,175,736; Oct. 10.
Bard-Parker Company. (See Parker, M., and Ladd, assignors.)
Bard-Parker Company. (See Wilson, J. A., and Hobson, assignors.)
Bardes, E. H., Range & Foundry Company, The. (See Bardes, O. L., and Fraser, assignors.)
Bardes, Oliver L., and T. F. Fraser, assignors to The E. H. Bardes Range & Foundry Company, Cincinnati, Ohio. Grate bar. 2,146,557; Feb. 7.
Bardons & Oliver, Inc. (See Kylin, Oskar, assignor.)
Barefoot, Josie C., Charlotte, N. C. Safety device for automatic stopping of various electrically driven machines. 2,159,960; May 30.
Barent, Mark, and J. D. Kendall, assignors to Ilford Limited, Ilford, England. Production of photographic sensitizing compounds. 2,153,931; Apr. 11.
Barényi, Béla V., Paris, France, assignor of one-half to Société de Progres Technique. Chassis for motor cars. 2,171,904; Sept. 5.
Barera, Lawrence A. (See Darby, E. R., Barera, and Potter.)
Barfod, Frederik, assignor to Bendix Products Corporation, South Bend, Ind. Vacuum fuel feed device. 2,156,104; Apr. 25.
Barganz, Walter A. (See Brandt, E. J., Reuteler, and Barganz.)
Barge, Raymond H., Mineola, assignor, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Compound meter system. 2,148,253; Feb 21.
Bargen, Bernhard, Bethel College, Kans. Typewriter desk. 2,155,293; Apr. 18.
Bargen, William J., Waukegan, Ill. Article of furniture. 2,150,903; Mar. 21.
Bargen, William J., Waukegan, Ill. Article of furniture. 2,165,125; July 4.
Bargen, William J., Waukegan, Ill. Storage structure. 2,176,782; Oct. 17.
Bargen, William J., Waukegan, Ill. Combined coupling and supporting structure. 2,184,173; Dec. 19.
Barger, Charles O., Kent, Wash. Milk bottle filler attachment. 2,171,386; Aug. 29.

Barger, Elbert S., Paducah, Ky. Motor base. 2,167,793; Aug. 1.
Barger, George K., and S. Hansen, Seattle, Wash. Radio receiving circuits. 2,178,552; Nov. 7.
Barie, John A., West Waterloo Township, Black Hawk County, Iowa. Foldable chair. 2,165,529; July 11.
Bariffi, Herbert F., Hamden, Conn., assignor to General Electric Company. Washing machine. 2,161,608; June 6.
Barish, Thomas, Jamestown, N. Y., assignor to Aviation Manufacturing Corporation, Chicago, Ill. Controllable pitch propeller. 2,147,078; Feb. 14.
Barkeij, Jean A. H., Altadena, Calif. Internal combustion engine. Re. 21,177; Aug. 22.
Barkeij, Jean A. H., Altadena, Calif. Combustion chamber in cylinder heads of internal combustion engines. 2,145,577; Jan. 31.
Barkeij, Jean A. H., Altadena, Calif. Internal combustion engine. 2,173,081; Sept. 12.
Barkeij, Jean A. H., Altadena, Calif. Power transmission mechanism. 2,181,541; Nov. 28.
Barkelew, James T., et al. (See Kurth, Edward H., assignor.)
Barker, Alfred C., Hurstpier point, England. Sound reproducing device. 2,164,374; July 4.
Barker, Charles A., Highland Park, N. J. Stopping runs in knitted wear. 2,177,425; Oct. 24.
Barker, Edwin H., Moylan, assignor to A. H. Wirz Inc., Chester, Pa. Single use tube. 2,157,646; May 9.
Barker, Howard B. (See Manning, W. H., and Barker.)
Barker, Jesse W., Geneva, N. Y. Back draft vent for ranges. 2,158,685; May 16.
Barker, John L. (See Wilcox, H. A., and Barker.)
Barker, John L., White Plains, assignor to Automatic Signal Corporation, New York, N. Y. Control apparatus. 2,178,112; Oct. 31.
Barker & Jones Limited. (See Schackleton, Walter L., assignor.)
Barker, Lorenzo T., assignor to The Cleveland Shopping News Company, Cleveland, Ohio. Printing press paper protector. 2,168,613; Aug. 8.
Barker, Maurice E. and C. E. Danner, Edgewood Arsenal, Md., assignors to P. J. Hurley, Secretary of War of the United States of America and his successors in office. Irritant compounds. 2,146,715; Feb. 14.
Barker, Maurice E., and R. S. Brown, Edgewood, Md. Activation of compressed wood. 2,162,366; June 13.
Barker, Paul P., and J. J. Smuczynski, Detroit, Mich. Bag holder. 2,172,529; Sept. 12.
Barker, Percy E., Shaker Heights, Ohio. Washing machine. 2,143,854; Jan. 17.
Barker, Thomas H., 2d. (See Porter, W. H., and Barker, 2d.)
Barker, Virgil D., Westfield, N. J. Fluid dispensing apparatus. 2,162,474; June 13.
Barker, Virgil D., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for making articles. 2,183,635; Dec. 19.
Barker, Wellington D., assignor to The Keyes-Davis Company, Battle Creek, Mich. Marking band. 2,163,016; June 20.
Barker, William A., and H. Lane, Leicester, England, assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Lasting machine. 2,177,765; Oct. 31.
Barkholt, Hans, Berlin-Halensee, assignor to Zohn & Co., G. m. b. H., Berlin, Germany. Elemental sulphur from hydrocarbon gases containing hydrogen sulphide. 2,169,379; Aug. 15.
Barkin, David D., Brookline, Mass. Coat. 2,180,497; Nov. 21.
Barkon Tube Lighting Corporation. (See Killian, Thomas J., assignor.)
Barks, Frank S., assignor to Lincoln Engineering Company, St. Louis, Mo. Injector. 2,155,250; Apr. 18.
Barlett, Helen B. (See McDougal, T. G., Fessler, and Bartlett.)
Barlow, Carl A., assignor to American Rock Wool Corporation, Wabash, Ind. Attachment for melting furnaces. 2,144,699; Jan. 24.
Barltrop, Albert C., Edmonton, London, England. Wheeled supporting means, particularly for furniture. 2,152,946; Apr. 4.
Barmer Maschinenfabrik, Aktiengesellschaft. (See Bochmann, Otto, assignor.)
Barna, Andrew, Chicago, Ill. Automatic under-water torch lighter. 2,148,797; Feb. 28.
Barna, Joseph W., assignor of forty-nine per cent to C. A. Laystrom, Chicago, Ill. Lasting and sole laying machine. 2,144,582; Jan. 17.
Barna, Joseph W., assignor of forty-nine per cent to C. A. Laystrom, Chicago, Ill. Manufacture of shoes. 2,163,184; June 20.
Barna, Joseph W., assignor of forty-nine per cent to C. A. Laystrom, Chicago, Ill. Lasting machine. 2,167,738; Aug. 1.
Barnard, Clifford B., and E. L. Hahn, McAllen, Tex. Wall construction. 2,149,495; Mar. 7.
Barnard, Harlin W., Olean, N. Y. Apparatus for grinding curved blades. 2,147,079; Feb. 14.
Barnard, Randolph H., Toledo, Ohio. Method of and apparatus for forming glass tubes, rods, and the like. 2,150,017; Mar. 7.
Barnard, Raldolph H., Toledo, Ohio. Making glass. 2,172,899; Sept. 12.
Barnard, Randolph H., Toledo, Ohio. Method of and apparatus for forming glass building blocks. 2,179,317; Nov. 7.
Barnard, Ray, St. Louis, Mo. Applying adhesives. 2,151,344; Mar. 21.
Barnard, Samuel G., Seattle, Wash. Self-loading truck. 2,156,424; May 2.
Barnard, Therides V., Omaha, Nebr. Corn-popping machine. 2,147,478; Feb. 14.
Barnard, Therides V., Omaha, Nebr. Corn popper. 2,150,888; Mar. 14.
Barnard, Thomas H., and P. L. Stern, assignors to Clinton Company, Clinton, Iowa. Manufacture of dextrose. 2,150,146; Mar. 14.
Barnard, Thomas W., St. Paul, Minn. Skate guard. 2,181,779; Nov. 28.
Barnard, Walter E., Wethersfield, Conn. Educational and amusement device. 2,153,231; Apr. 4.
Barnes, Aldrich B., North Attleboro, assignor to The Mason Box Company, Attleboro Falls, Mass. Container. 2,160,816; June 6.
Barnes, Allen L., Oak Park, assignor to Perfection Gear Company, Harvey, Ill. Differential mechanism. 2,150,312; Mar. 14.
Barnes, Allen L., Oak Park, Ill. Fluid pump or motor. 2,181,168; Nov. 28.
Barnes, Blakeslee, assignor to Chemical Construction Corporation, New York, N. Y. Manufacture of abrasive alumina. 2,163,532; June 20.
Barnes, Blaskeslee, assignor to Chemical Construction Corporation, New York, N. Y. Impregnation of bauxite. 2,165,173; July 4.
Barnes, Brown E., assignor to Electric Steel Foundry Company, Portland, Oreg. Repair link. Re. 21,093; May 23.
Barnes, Charles D., Long Beach, and W. A. S. Wright, assignors to Union Oil Company of California, Los Angeles, Calif. Recovery of essential oils. 2,158,670; May 16.
Barnes, Charles H., and O. H. Loomis, Ilion, N. Y., assignors to Remington Arms Company, Inc. Firearm. 2,144,603; Jan. 24.
Barnes, Charles M., Arlington, Va. Relay. 2,179,486; Nov. 14.
Barnes Drill Co. (See Johnson, Albert M., assignor.)
Barnes Drill Co. (See Johnson, A. M., and Fairbairn, assignors.)
Barnes Drill Co. (See Swanson, Floyd A., assignor.)
Barnes, Elwin D., Seattle, Wash. Tire recapping press. 2,152,755; Apr. 4.
Barnes Engineering (Pty.) Ltd. (See Cameron, John G., assignor.)
Barnes, Ernest, Gilroy, Calif. Boring tool. 2,179,029; Nov. 7.
Barnes, Ethel T., Chicago, Ill. Hair curler. 2,173,872; Sept. 26.
Barnes, Frederick A., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Pressure gauge. 2,184,163; Dec. 19.
Barnes, George H. (See Fahrenwald, F. A., Parkinson, and Barnes.)
Barnes, Hugh C., and E. N. Millan, assignors to The American Rolling Mill Company, Middletown, Ohio. Pickling process. 2,155,854; Apr. 25.
Barnes, James C., White Plains, assignor to Associated Press, New York, N. Y. Telephone coupling device. 2,180,498; Nov. 21.
Barnes, Jeffery W. (See Meredith, F. W., and Barnes.)
Barnes, Jesse W., Binghampton, N. Y. Combined gradeometer and automatic air supply instrument. 2,147,591; Feb. 14.
Barnes, John. (See Gardiner, J. I., and Barnes.)
Barnes, John A. (See Dyer, H. T., and Barnes.)
Barnes, John A., Chappaqua, assignor to The Superheater Company, New York, N. Y. Superheater boiler. 2,182,782; Dec. 12.
Barnes, John A., Chappaqua, assignor to The Superheater Company, New York, N. Y. Superheater boiler. 2,182,783; Dec. 12.
Barnes, John S. (See Guirl, P. R., and Barnes.)
Barnes, John S., Corporation. (See Svenson, Ernest J., assignor.)
Barnes, John S., White Plains, assignor to The Borden Company, New York, N. Y. Heat exchange apparatus. 2,146,245; Feb. 7.
Barnes & Jones, Incorporated. (See Jones, W. T., and Hartford, assignors.)
Barnes, Joseph H., assignor to Delaware Rayon Company, New Castle, Del. Manufacture of artificial silk. 2,147,514; Feb. 14.
Barnes, Leslie W., Long Hill, assignor to The Baird Machine Company, Bridgeport, Conn. Chuck. 2,174,866; Oct. 3.
Barnes, Llewellyn T., Hempstead, N. Y. Combined fuel mixer and degasser for vehicular internal combustion engines. 2,146,246; Feb. 7.
Barnes, Marion W., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,146,497; Feb. 7.
Barnes Motor Developments Company. (See Barnes, William B., assignor.)
Barnes, Norman. (See Saunders, N. F. T., Barnes, and Mudge.)

Barnes, Raymond E., Aurora, Ill. Automatic gun trap. 2,142,774; Jan. 3.
Barnes, Rendell R., Forth Worth, Tex. Bottle rack. 2,155,884; Apr. 25.
Barnes, Robert B. (See Ham, G. P., and Barnes.)
Barnes, Robert B. (See Jones, L. C., Barnes, and Ham.)
Barnes, Robert B., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Photographic fixing agent. 2,174,494; Sept. 26.
Barnes, Roy. (See Poole, J. D., and Barnes.)
Barnes, Roy C., Long Beach, assignor of one-half to W. J. Frazier, Manhattan Beach, Calif. Pole or tower platform. 2,168,111; Aug. 1.
Barnes, Spencer L., Lancaster Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Dropper service. 2,163,367; June 20.
Barnes, Thomas D., Newark, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Watt-hour meter load compensation. 2,162,522; June 13.
Barnes, Thomas D., Newark, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pitts burgh, Pa. Watt-hour meter compensation. 2,177,274; Oct. 24.
Barnes, Thomas F. (See Calva, J. B., and Barnes.)
Barnes, W. F., & John, Company. (See Guirl, P. R., and Barnes, assignors.)
Barnes, Walter C., Lake Bluff, and H. W. Keevil, Highland Park, Ill. Method and apparatus for detecting flaws in metallic bodies. 2,164,302; July 4.
Barnes, William A., Mansfield, Ohio, assignor to Dominion Electrical Manufacturing Company. Construction of electrical appliances. 2,161,446; June 6.
Barnes, William B., Indianapolis, assignor to Barnes Motor Developments Company, Muncie, Ind. Overdrive transmission and clutch. 2,144,787; Jan. 24.
Barnes, William B., Indianapolis, assignor to Barnes Motor Developments Company, Muncie, Ind. Overdrive transmission and clutch. 2,144,788; Jan. 24.
Barnes, William B., Indianapolis, assignor to Barnes Motor Developments Company, Muncie, Ind. Overspeed drive transmission. 2,144,789; Jan. 24.
Barnes, William B., Indianapolis, assignor to Barnes Motor Developments Company, Muncie, Ind. Overspeed and freewheeling drive with automatic lockout. 2,160,817; June 6.
Barnes, William E. (See Crisp, W. C., and Barnes.)
Barnett, Abraham. (See Bagno, S. M., and Barnett.)
Barnett, George F., San Francisco, Calif. Sheathing anchor. 2,144,700; Jan. 24.
Barnett, George F., San Francisco, Calif. Joist anchor and support. 2,176,450; Oct. 17.
Barnett, Maxwell M. (See Hills, R. C., and Barnett.)
Barnett, Paul B. (See Upton, C. G., and Barnett.)
Barnett, Paul B., and C. G. Upton, Freer; said Upton assignor to J. P. Muller, Fort Worth, Tex. Pump mechanism. 2,180,451; Nov. 21.
Barnett, Thomas R., Atlanta, Ga. Garden tool. 2,142,298; Jan. 3.
Barnett, Tracy B., Carthage, Miss. Propeller. 2,160,323; May 30.
Barnett, William C., Detroit, Mich. Fishing lure. 2,155,294; Apr. 18.
Barnett, Vida M., assignor of one-half to C. E. Holmes, Kansas City, Mo. Bookcase filler. 2,148,676; Feb. 28.
Barnette, Emma C. H., Chicago, Ill. Clasp. 2,142,775; Jan. 3.
Barney, Albert, et al. (See Coty, Fred J., assignor.)
Barney, Freeman. (See Gylleck, O. T., and Barney.)
Barney, Freeman. (See Lee, J. E., and Barney.)
Barney, Freeman, Spring Lake, and J. W. Lee, assignors to The Challenge Machinery Company, Grand Haven, Mich. Automatic gauge adjuster. 2,153,860; Apr. 11.
Barney, Freeman, Spring Lake, and J. W. Lee, assignors to The Challenge Machinery Company, Grand Haven, Mich. Safety drive mechanism. 2,171,841; Sept. 5.
Barney, Freeman, Spring Lake, assignor to The Challenge Machinery Company, Grand Haven, Mich. Hydraulic drive mechanism. 2,173,817; Sept. 26.
Barnhard, Emil G., Philadelphia, Pa., assignor to The Hastings and McIntosh Truss Co. Truss. 2,171,905; Sept. 5.
Barnhardt, Nannie L., Concord, N. C. Refrigerator shelf. 2,146,199; Feb. 7.
Barnhart, George E., Pasadena, Calif. Mechanical movement. 2,144,447; Jan. 17.
Barnhart, George E., Pasadena, Calif. Golf club. 2,146,048; Feb. 7.
Barnhart, George E., Pasadena, Calif. Golf club. 2,153,880; Apr. 11.
Barnhart, George E., Pasadena, Calif. Making tapered tubes. 2,154,392; Apr. 11.
Barnhart, George E., Pasadena, Calif. Airfoil construction. 2,158,686; May 16.
Barnhart, Homer W., Perth Amboy, N. J. Plant support or trainer. 2,152,018; Mar. 28.
Barnhart, Job R., Lakewood, Ohio. Metering circuit. 2,160,712; May 30.
Barnhart, Job R., Lakewood, Ohio. Measuring instrument. 2,183,180; Dec. 12.
Barnicoat, Harold R., Kingston-on-Thames, assignor to Simmonds Development Corporation Limited, London, England. Fastening device for covers and the like. 2,183,440; Dec. 12.
Barningham, Charles S., Edgewood, assignor to New England Butt Company, Providence, R. I. Braiding machine carrier. 2,166,336; July 18.
Barnitz, Emanuel B., Johnstown, Pa. Utensil plug. 2,158,922; May 16.
Barnitz, Emanuel B., Johnstown, Pa. Electric plug. 2,177,797; Oct. 31.
Barnsdale, Frederick H., Bristol, assignor to A. Redler, Stroud, England. Apparatus for treating loose flowable material. 2,183,274; Dec. 12.
Barnsteiner, Alfons, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Range vent grating. 2,175,819; Oct. 10.
Barnum, Francis J., et al. (See Grison, Joseph, assignor.)
Baro, William, Chicago, Ill. Heat saver. 2,180,190; Nov. 14.
Baron, Arthur S., et al. (See Vendope, Van L., assignor.)
Baron, Carol F., Brooklyn, N. Y. Method and apparatus for making artificial stone. 2,170,936; Aug. 29.
Baron, Charles S., Tiffin, Ohio. Closure for receptacles. 2,158,923; May 16.
Baroni, Augusto, Rome, Italy. Optical device for panoramic telescopes and the like, equivalent to the Amici rotating prism. 2,147,615; Feb. 14.
Baroni, Augusto, Rome, Italy. Universal panoramic telescope. 2,152,726; Apr. 4.
Barozzi, Guido E., Woodcliff, N. J. Clamp. 2,159,776; May 23.
Barr, Byron, University City, Mo. Cotter pin. 2,182,462; Dec. 5.
Barr, Harry F., and J. W. Ridgway, assignors to General Motors Corporation, Detroit, Mich. Elbow for connecting air cleaners and carburetors. 2,153,069; Apr. 4.
Barr, James A., Dallas, Tex. Ice cube making machine. 2,169,133; Aug. 8.
Barr, John L., Chevy Chase, Md. Parking device. 2,143,181; Jan. 10.
Barr, John L., Chevy Chase, Md. Accessory for steering. 2,143,182; Jan. 10.
Barr, John L., Chevy Chase, Md. Device to aid turning of steering wheels. 2,143,183; Jan. 10.
Barr, John L., Chevy Chase, Md. Device for facilitating movement of steering wheels. 2,143,184; Jan. 10.
Barr, John L., Chevy Chase, Md. Parking device for automobiles. 2,151,828; Mar. 28.
Barr, John L., Chevy Chase, Md., and M. M. Overman, Washington, D. C., said Overman assignor to said Barr. Device for facilitating the turning of steering wheels. 2,161,907; June 13.
Barr, John L., Chevy Chase, Md., and J. C. Houghton, Washington, D. C.; said Houghton assignor to said Barr. Steering accessory. 2,172,693; Sept. 12.
Barr and Stroud, Limited. (See French, James W., assignor.)
Barr and Stroud, Limited. (See Strang, John M., assignor.)
Barr, Victor L., Philadelphia, Pa., assignor to Roller Bearing Company of America, Trenton, N. J. Roller retainer ring and race member assembly for roller bearings. 2,166,673; July 18.
Barraja-Frauenfelder, Joseph, Swarthmore, assignor to Sun Shipbuilding & Dry Dock Company, Chester, Pa. Diesel engine. 2,159,197; May 23.
Barrel Fitting & Seal Corporation. (See Schwartz, Morris, assignor.)
Barrel Fitting & Seal Corporation of America. (See Schwartz, Sol, assignor.)
Barrell Fitting & Seal Corporation. (See Schwartz, Sol, assignor.)
Barrell, William A., North Andover, assignor to Lawrence Duck Company, Lawrence, Mass. Drier felt for paper machines. 2,167,542; July 25.
Barrell, William A., North Andover, assignor to Lawrence Duck Company, Lawrence, Mass. Single ply asbestos faced drier felt. 2,168,928; Aug. 8.
Barrell, William A., North Andover, assignor to Lawrence Duck Company, Lawrence, Mass. Single ply drier felt with asbestos facing. 2,172,430; Sept. 12.
Barrett, Arthur M., Winnetka, assignor to Barrett-Cravens Company, Chicago, Ill. Lift truck. 2,155,580; Apr. 25.
Barrett, Arthur M., Winnetka, A. L. Macnair, Evanston, and E. W. Ericson, assignors to The Barrett Bindery Co., Chicago, Ill. Color scheme exhibitor. 2,155,924; Apr. 25.
Barrett, Arthur M., Winnetka, assignor to The Barrett Bindery Co., Chicago, Ill. Portable displayer. 2,159,612; May 23.
Barrett, Arthur M., Winnetka, assignor to Barrett-Cravens Company, Chicago, Ill. Barrel rack. 2,162,497; June 13.
Barrett, Arthur M., Winnetka, assignor to Barrett-Cravens Company, Chicago, Ill. Lift truck. 2,167,968; Aug. 1.
Barrett, Arthur M., Winnetka, assignor to Barrett-Cravens Company, Chicago, Ill. Hoist. 2,181,359; Nov. 28.
Barrett, Arthur M., Winnetka, Ill. Easel. 2,181,390; Nov. 28.
Barrett Automatic Keyless Lock Co. (See Barrett, Harry A., assignor.)
Barrett Bindery Co., The. (See Barrett, Arthur M., assignor.)

Barrett Bindery Co., The. (See Barrett, A. M., Macnair, and Ericson, assignors.)
Barrett Bindery Co., The. (See Ericson, E. W., and Brauer, assignors.)
Barrett, Charles D., Altoona, Pa. Rail joint. 2,145,913; Feb. 7.
Barrett, Charles E., assignor to Alexander Smith & Sons Carpet Company, Yonkers, N. Y. Sewing machine. 2,149,237; Feb. 28.
Barrett, Clarence A., Detroit, Mich., assignor by mesne assignments, to Trolley Conveyors Development Foundation, Inc. Hanger construction. 2,184,860; Dec. 26.
Barrett Company, The. (See Bywater, Wilfred M., assignor.)
Barrett Company, The. (See Cole, Percy J., assignor.)
Barrett Company, The. (See Drewsen, Pierre, assignor.)
Barrett Company, The. (See Eckert, Clarence R., assignor.)
Barrett Company, The. (See Engel, Karl H., assignor.)
Barrett Company, The. (See Fleckenstein, Frederick S., assignor.)
Barrett Company, The. (See Hall, Ocie C., assignor.)
Barrett Company, The. (See Hamlin, Marston L., assignor.)
Barrett Company, The. (See Kenney, John A., assignor.)
Barrett Company, The. (See Miller, Stuart P., assignor.)
Barrett Company, The. (See Sutherland, Leslie T., assignor.)
Barrett Company, The. (See Wittenberg, Lester, assignor.)
Barrett-Cravens Company. (See Barrett, Arthur M., assignor.)
Barrett, Edward L., La Grange, assignor to Utah Radio Products Co., Chicago, Ill. Remote control for radio receiving sets. Re. 21,000; Feb. 14.
Barrett, Edward L., La Grange, assignor to Utah Radio Products Company, Chicago, Ill. Reversible electric motor. 2,149,569; Mar. 7.
Barrett, Edward L., La Grange, assignor to Utah Radio Products Company, Chicago, Ill. Radio tuner. 2,149,570; Mar. 7.
Barrett, Edward L., La Grange, assignor to Utah Radio Products Company, Chicago, Ill. Vibrator. 2,156,487; May 2.
Barrett, Edward L., La Grange, assignor to Utah Radio Products Company, Chicago, Ill. Shaft coupling. 2,158,100; May 16.
Barrett, Edward L., La Grange, assignor to Utah Radio Products Company, Chicago, Ill. Electromagnetic vibratory motor. 2,164,632; July 4.
Barrett, Edward L., La Grange, assignor to Utah Radio Products Company, Chicago, Ill. Electric motor. 2,164,633; July 4.
Barrett, Edward L., La Grange, assignor to Utah Radio Products Company, Chicago, Ill. Sheet material joint. 2,164,634; July 4.
Barrett, Edward L., La Grange, assignor to Utah Radio Products Company, Chicago, Ill. Dynamo-electric machine. 2,177,472; Oct. 24.
Barrett, Edward R., Detroit, Mich, assignor to Gar Wood Industries, Inc. Body hoisting mechanism. 2,142,089; Jan. 3.
Barrett, Edward R., assignor to Gar Wood Industries, Inc., Detroit, Mich. Dump body truck. 2,148,798; Feb. 28.
Barrett, Edward R., assignor to Gar Wood Industries, Inc., Detroit, Mich. Lifting device. 2,151,886; Mar. 28.
Barrett, Edward R., assignor to Gar Wood Industries, Inc., Detroit, Mich. Vehicle loading device. 2,151,887; Mar. 28.
Barrett, Edward R., Detroit, Mich., assignor to Gar Wood Industries, Inc. Automobile dump body and hoist. 2,162,831; June 20.
Barrett, Edward R., assignor to Gar Wood Industries, Inc., Detroit, Mich. Fluid pump. 2,176,322; Oct. 17.
Barrett, Edwin W., Barrington, and P. Hargreaves, assignors to Warren Textile and Machinery Supply Co., Warren, R. I. Filling feeler for looms. 2,156,900; May 2.
Barrett, Elliott P., Pittsburgh, Pa., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for manufacturing electric cables. 2,156,934; May 2.
Barrett Equipment Company. (See Brenner, Hugo L., assignor.)
Barrett, Harold J., Wilmington, and W. A. Lazier, Elsmere, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Abietyl esters of polycarboxylic acids. 2,142,989; Jan. 10.
Barrett, Harold J., Niagara Falls, N. Y., and D. E. Strain, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Esters. 2,160,532; May 30.
Barrett, Harold J., and C. J. Wernlund, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Electroplating. 2,171,842; Sept. 5.
Barrett, Harold T., assignor to Harrington & King Perforating Company, Chicago, Ill. Floor tread. 2,154,597; Apr. 18.
Barrett, Harry A., Upper Darby, Pa., assignor to Barrett Automatic Keyless Lock Co. Keyless lock. 2,145,853; Feb. 7.
Barrett, James H., Okmulgee, Okla. Mechanical manikin. 2,169,380; Aug. 15.
Barrett, Olive L. (See Martignoni, Marino S., assignor.)
Barrett, Paul A. (See Davies, J. S. H., Wyler, Barrett, and Linstead.)
Barrett, Richard L., East Carnegie, Pa. Threadless bolt and nut assembly. 2,147,080; Feb. 14.
Barrett-Udell Company. (See Udell, Louis N., assignor.)
Barrett, William E., Syracuse, N. Y. Steering mechanism for toys. 2,146,708; Feb. 14.
Barret, William M., assignor to Engineering Research Corporation, Shreveport, La. Electrical apparatus and geologic studies. 2,172,688; Sept. 12.
Barrie, Catherine, Cold Spring Harbor, N. Y. Tumbler basket for collective dishwashing. 2,152,456; Mar. 28.
Barrie, Catherine, Cold Spring Harbor, N. Y. Cup and saucer basket for collective dish-washing. 2,157,276; May 9.
Barrie, Catherine, Cold Spring Harbor, N. Y. Plate basket for collective dishwashing. 2,159,365; May 23.
Barrie., Donald, New York, N. Y. Control mechanism for electric circuits. 2,172,492; Sept. 12.
Barrier, Victor M. (See Miller, S. R., and Barrier.)
Barrington, Amos L., Brownwood, Tex. Wrench for coupling sucker rods. 2,179,396; Nov. 7.
Barron, Charles. (See Ogsbury, S. C., Barron, and Park.)
Barron, Christopher T., Salem, N. H. Baseball projecting apparatus. 2,182,369; Dec. 5.
Barron, Clyde J., Ecorse, Mich. Device for turning pages. 2,176,483; Oct. 17.
Barrow, George, Santa Monica, Calif. Aircraft. 2,147,188; Feb. 14.
Barrows, Donald S. (See Kadel, B. W., and Barrows.)
Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,146,200; Feb. 7.
Barrows, Donald S., assignor to Gould Coupler Corporation, Rochester, N. Y. Coupler. 2,148,364; Feb. 21.
Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Journal box seal. 2,152,580; Mar. 28.
Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Draft rigging. 2,176,651; Oct. 17.
Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Draft rigging. 2,176,652; Oct. 17.
Barrows, Donald S., assignor to The Symington-Gould Corporation, Rochester, N. Y. Railway truck. 2,180,933; Nov. 21.
Barry, Arthur J. (See Peterson, F. C., and Barry.)
Barry Automatic Trailer Inc. (See McCalley, James B., assignor.)
Barry, Edward J. (See Schaeffer, Albert F., assignor.)
Barry, Gerald J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Push button volume control device for radio receiving sets. 2,146,049; Feb. 7.
Barry, Gerald J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Tuning condenser mounting. 2,171,441; Aug. 29.
Barry, Maurice, Chelsea. Mass. Machine for cementing soles to shoes. 2,146,927; Feb. 14.
Barry, Maurice, Chelsea, Mass. Apparatus for cementing soles to shoe bottoms. 2,146,928; Feb. 14.
Barry-Wehmiller Machinery Company. (See Herold, James L., assignor.)
Barry, William F., Los Angeles, Calif. Flying object and apparatus for its simulated flight. 2,168,384; Aug. 8.
Barsky, George, New York, N. Y., assignor to Wecoline Products, Inc., Boonton, N. J. Reconstructing glyceride oils. 2,182,332; Dec. 5.
Bartch, Maura J., and G. C. Polk, assignors to American Blower Corporation, Detroit, Mich. Spring bumper arrangement on attic fans. 2,148,524; Feb. 28.
Bart, Abel J. C. (See van Wijk, W. R., van Dijck, and Bart.)
Bart, Thomas E., assignor to The Murdock Manufacturing & Supply Company, Cincinnati, Ohio. Locking means for covers for water boxes. 2,162,930; June 20.
Bartel, Harry H., assignor to Huck-Gerhardt Company, Inc., Philadelphia, Pa. Overhead operating garage door construction. 2,166,746; July 18.
Bartels, Bernhard. (See Knoll, M., Bartels, and Spengler.)
Bartels, Bernhard. (See Schröter, F. Knoll, and Bartels.)
Bartels, Bernhard, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Double mosaic screen. 2,163,266; June 20.
Bartell, Floyd E., Ann Arbor, Mich., assignor, by mesne assignments, to Acheson Colloids Corporation, New York, N. Y. Disintegrating, dispersing and stabilizing graphite and product. 2,176,879; Oct. 24.
Bartels, Hans, and G. Ulbricht, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Dynamic expansion circuit. 2,162,875; June 20.
Bartels, Hans, Berlin-Spandau, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Automatic control of amplification. 2,177,050; Oct. 24.
Bartels, Heinrich. (See Sauer, H., Henkel, and Bartels.)
Bartels, Heinrich, Dresden-Laubegast, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Polarizing filter structures. 2,145,914; Feb. 7.

Bartels, Heinrich, Dresden-Laubegast, and O. Müller, assignors to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic camera. 2,170,959; Aug. 29.
Barter, Harry L., assignor to Packard Motor Car Company, Detroit, Mich. Apparatus for lapping toothed elements. 2,165,329; July 11.
Barth, Charles D. (See Kell, R. W., and Barth.)
Barth, Frederic H. (See Rittenhouse, Henry J., assignor.)
Barth, Joseph C., et al. (See Boudreaux, Abel J., assignor.)
Barth-Vuilleumier, Gottlieb, Nidau-Biel, Switzerland. Producing diamond grinding and lapping implements. 2,174,453; Sept. 26.
Barthelemy, René, Fontenay aux Roses, assignor to Compagnie pour la Fabrication des Compteurs et Materiel d'Usines a Gas, Montrouge, France. Synchronizing cathode beams. 2,143,932; Jan. 17.
Barthelemy, René, Fontenay aux Roses, assignor to Compagnie pour la Fabrication des Compteurs et Materiel d'Usines a Gaz, Montrouge, France. Television receiver. 2,143,933; Jan. 17.
Barthelemy, René, Fontenay aux Roses, assignor to Compagnie pour la fabrication des Compteurs et Materiel d'Usines a Gaz, Montrouge, France. Picture reproducer. 2,155,033; Apr. 18.
Barthelemy, René, Fontenay aux Roses, assignor to Compagnie pour la fabrication des Compteurs et Materiel d'Usines a Gaz, Montrouge, France. Photoelectric cell modulator. 2,155,034; Apr. 18.
Barthelemy, René, Fontenay aux Roses, assignor to Compagnie pour la Fabrication des Compteurs et Materiel d'Usines a Gaz, Montrouge (Seine), France. Relaxation oscillation generator. 2.168.508; Aug. 8.
Barthelemy, René, Fontenay aux Roses, assignor to Compagnie pour la Fabrication des Compteurs et Materiel d'Usines a Gaz, Montrouge, Seine, France. Amplifier for electrons. 2,179,112; Nov. 7.
Barthelemy, René, Fontenay aux Roses, assignor to Campagnie pour la Fabrication des Compteurs et Materiel d'Usines a Gaz, Seine, France. Television receiver. 2,181,720; Nov. 28.
Bartho, John, et al. (See Dewan, L., and Bartho, assignors.)
Bartho, John, et al. (See Wren, J. R., and Bartho, assignors.)
Bartholet, Paul, Uzwil, Switzerland. Scoop elevator. 2,170,231; Aug. 22.
Bartholomaus, Adolf, administrator. (See Hentrich, W., Lainau, and Kaiser.)
Bartholome, Joseph F. (See Rosencranz, Emil C., assignor.)
Bartholomew, Fred R., Minneapolis, Minn. Printing machine. 2,180,135; Nov. 14.
Bartholomew, Frank J., Westfield, N. J., assignor to Chemical Construction Corporation, New York, N. Y. Sludge decomposition kiln. 2,144,251; Jan. 17.
Bartiles, Hans, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Amplification control circuit. 2,151,070; Mar. 21.
Bartle, Roy W. (See Kennedy, R. E., and Bartle.)
Bartlett, Amos C., Braintree, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Fan system. 2,152,172; Mar. 28.
Bartlett, C. O., & Snow Company, The. (See Smith, Benjamin A., assignor.)
Bartlett, Clarence and L., Hartford, Ky. Rotary engine. 2,159,544; May 23.
Bartlett, Edwin S., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Shearing machine. 2,150,352; Mar. 14.
Bartlett, Harold W., Berkeley, assignor to Rosenberg Bros. & Co., San Francisco, Calif. Electrostatic separating apparatus. 2,174,681; Oct 3.
Bartlett, Harry D., Delavan, assignor of one-half to D. W. Thompson, Elkhorn, Wis. Conversion unit. 2,158,770; May 16.
Bartlett, Lawrence. (See Bartlett, Clarence and L.)
Bartlett, Leland D., Santa Rita, N. Mex. Recovering metal values. 2,151,261; Mar. 21.
Bartlett, Norman, Weehawken, N. J. Amusement apparatus. 2,169,403; Aug. 15.
Bartlett, Percy. (See Prince, D. C., and Bartlett.)
Bartlett, Reginald F., Weybridge, England. Support such as centering, shuttering, scaffolding, and the like. 2,167,413; July 25.
Bartlett, W. Colston. (See Simpson, Thornton J., assignor.)
Bartlett, William D., Miami, Fla. Bucket for miniature digging and hoisting machines. 2,166,854; July 18.
Bartling, Otto. (See Reynolds, Noel S., assignor.)
Bartman & Bixer Inc. (See Meyer, Charles, assignor.)
Bartoe, Willard F., Hulmeville, assignor to Röhm & Haas Company, Philadelphia, Pa. Treating cast polymeric resin sheets. 2,157,049; May 2.
Bartoli, Lino, Pittsburgh, Pa. Mute holder. 2,184,790; Dec. 26.
Barton, Albert R. (See Llewellyn, L. K., and Barton.)
Barton, Frank. (See Bray, W. N., and Barton.)
Barton, Frank. (See Lineham, R. A., and Barton.)
Barton, Larry J., assignor to Clorax Chemical Co., Oakland, Calif. Stabilized hydrochlorite solution and method therefor. 2,170,108; Aug. 22.
Barton, Louis E., Windsor, Conn., assignor to National Lead Company, New York, N. Y. Making composite titanium pigments. 2,170,800; Aug. 29.
Barton, Loy E., Collingswood, N. J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Valve amplifying circuit. 2,151,829; Mar. 28.
Barton, Loy E., Collingswood, N. J., assignor to Radio Corporation of America. Indicating device. 2,166,674; July 18.
Barton, Paul D., Chester County, assignor to Sun Oil Company, Philadelphia, Pa. Fractionation. 2,175,590; Oct. 10.
Barton, Paul D., Philadelphia, Pa., K. Finsterbusch, Scarsdale, and N. M. Floyd, Larchmont, assignors, by mesne assignments, to American Locomotive Company, New York, N. Y. Stabilizing volatile liquids. 2,183,604; Dec. 19.
Barton, Raymond W., and W. M. Cox, Jr., assignors to Mead Johnson & Company, Evansville, Ind. Composition of matter. 2,167,144; July 25.
Barton, Sam. (See Silverstein, Sam.)
Barton, William A., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-supplying mechanism. 2,161,845; June 13.
Barton, William I., Camden, N. J. Board game apparatus. 2,162,876; June 20.
Barton, William A., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,156,368; May 2.
Bartosch, Wolfgang, assignor to the firm Carobronze Röhrenwerk Gesellschaft m. b. H., Vienna, Austria. Bearing. 2,159,545; May 23.
Bartosek, Henry, Sacramento, Calif. Knife. 2,170,514; Aug. 22.
Bartow Beacons Inc. (See Bartow, John B., assignor.)
Bartow, John B., Blue Bell, assignor to Bartow Beacons Inc., Philadelphia, Pa. Airport lighting system. 2,155,295; Apr. 18.
Bartram, Charles E., Kansas City, Mo. Automatic punching form for box wrapping machines. 2,148,723; Feb. 28.
Bartscherer, Franz, Duisburg-Hamborn, Germany. Improving the texture of rolled products. 2,171,074; Aug. 29.
Bartz, Arthur E. (See Northrup, H. M., Bartz, and Whisler.)
Bartz, Frank. (See Vrtel, Joseph, assignor.)
Baruch, Milton, Los Angeles, R. E. De Camp, Glendale, and C. P. Walker, Los Angeles, Calif., assignors, by mesne assignments, to Westinghouse Electric Elevator Company. Automatic stopping elevator control system. Re. 21,005; Feb. 21.
Baruch, Sydney N., New York, N. Y. Electron discharge device. 2,165,832; July 11.
Baruch, Sydney N., assignor to Nortron Patents Corporation, New York, N. Y. Vacuum switch. 2,180,661; Nov. 21.
Barwick, Attys B., assignor of fifty-one per cent to M. D. Moody, Sr., Jacksonville, Fla. Visible sanitary sink trap. 2,166,279; July 18.
Barzen, Richard G., Kansas City, Mo. Self-priming pump. 2,174,959; Oct. 3.
Barzen, Richard G., Kansas City, Mo. Self-priming pump. 2,174,960; Oct. 3.
Bascom, Earle C., Brooklyn, N. Y., assignor to American Telephone and Telegraph Company. Privacy testing system. 2,153,706; Apr. 11.
Bascom, Henry M., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,153,129; Apr. 4.
Bascom, Henry M., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,164,731; July 4.
Bascom, Merton L., Charlestown, N. H. Road sanding device. 2,173,573; Sept. 19.
Bascombe, Frank J. (See Townsend, A. J., and Bascombe.)
Basebe, Arthur C., Banstead, and H. Sinclair, Kensington, London, assignors to Hydraulic Coupling Patents Limited, London, England. Packing device for relatively rotatable parts. 2,151,730; Mar. 28.
Basel, Georg, and E. Schaeffer, Burghausen, Upper Bavaria, assignors to Dr. Alexander Wacker Gesellschaft für Electrochemische Industrie, G. m. b. H., Munich, Bavaria, Germany. Producing tetrachlorethylene. 2,178,622; Nov. 7.
Baselet, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,183,850; Dec. 19.
Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,148,365; Feb. 21.
Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Clasp brake arrangement. 2,145,578; Jan. 31.
Baselt, Walter H., and R. G. Aurien, assignors to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,148,366; Feb. 21.
Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,149,496; Mar. 7.
Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,159,366; May 23.
Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,163,533; June 20.
Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,163,534; June 20.
Baselt, Walter H. (See Peycke, A. H., Clyne, and Baselt.)

Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Elliptic spring. 2,171,206; Aug. 29.
Baselt, Walter H., assignor to American Steel Foundries, Chicago, Ill. Freight car brake. 2,181,041; Nov. 21.
Basen, Georg, and E. Schaeffer, Burghausen, Upper Bavaria, assignors to Dr. Alexander Wacker Gesellschaft für Elektrochemische Industrie G. m. b. H., Munich, Bavaria, Germany. Preparing chlorinated ethylenes. 2,158,213; May 16.
Bash, Charles W., Kansas City, Kans. Gate hinge. 2,182,458; Dec. 5.
Bashor, Harley H., assignor of one-half to A. E. Buck, Albuquerque, N. Mex. Chassis frame for house trailers. 2,153,058; Apr. 4.
Basim, Donald S., Washington, D. C., R. T. Freng, Oakland, and J. D. Woodward, Alameda, Calif., assignors to Bendix Aviation Corporation, South Bend, Ind. System for piloting aircraft. 2,143,137; Jan. 10.
Basler, Henry, Kansas City, Mo. Clock calendar. 2,147,280; Feb. 14.
Basnicki, Michael, Picture Butte, Albera, Canada. Radio receiver tuning apparatus. 2,154,024; Apr. 11.
Basquin, Olin H., Evanston, assignor to Streeter-Amet Company, Chicago, Ill. Contact strip. 2,156,715; May 2.
Bass, Roland F., and W. L. Rives, assignors to Airport Beacons, Inc., Jacksonville, Fla. Airport beacon. 2,165,211; July 11.
Bass, Russell B., assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Lighter. 2,183,706; Dec. 19.
Bass, Shailer L. (See Moyle, C. L., and Bass.)
Bass, Shailer L., assignor to The Dow Chemical Company, Midland, Mich. Alkali cellulose. 2,143,855; Jan. 17.
Bass, Shailer L., and E. M. Van Duzee, deceased (C. H. Macomber, administrator); assignors to The Dow Chemical Company, Midland, Mich. Ethers of the alkyl esters of hydroxy benzoic acids. 2,154,598; Apr. 18.
Bass, Shailer L., and H. N. Fenn, Midland, Mich., and F. C. Peterson, Syracuse, N. Y., assignors to The Dow Chemical Company, Midland, Mich. Stabilization of cellulose ethers. 2,159,367; May 23.
Basseches, Jacob T. (See Levin, Michael, assignor.)
Basseches, Jacob T. (See Loufbahn, Jennie, assignor.)
Bassett, Charles K., Buffalo, N. Y. Liquid meter. 2,163,444; June 20.
Bassett, Charles K., Buffalo, N. Y. Float valve device for use in metering liquids. 2,171,620; Sept. 5.
Bassett, Charles K., Buffalo, N. Y. Liquid meter. 2,174,306; Sept. 26.
Bassett, Charles W. (See Dootson, Norman L., assignor.)
Bassett, Harry P., Cynthiana, Ky., and E. B., Edwards, Lansdale, Pa., assignors to Edwards, Inc., Wilmington, Del. Mechanism for extruding plastic materials. 2,144,213; Jan. 17.
Bassett, Rex E., Jr. (See Chamberlin, J. W., and Bassett.)
Bassett, Rex E., Jr., Detroit, Mich., assignor, by mesne assignments, to Bendix Home Appliances, Inc., South Bend, Ind. Liquid-proportioning device. 2,146,929; Feb. 14.
Bassett, Rex E., Jr., South Bend, Ind., assignor to Bendix Home Appliances, Inc., Detroit, Mich. Liquid-proportioning device. 2,146,930; Feb. 14.
Bassett, Rex E., Jr., South Bend, Ind., assignor to Bendix Home Appliances, Inc., Detroit, Mich. Switch. 2,176,195; Oct. 17.
Bassett, Rex E., Jr., Detroit, Mich., assignor, by mesne assignments, to Bendix Home Appliances, Inc., South Bend, Ind. Sequential controller. 2,180,948; Nov. 21.
Bassett, William M., Stanford University, Calif. Stage scenery dolly. 2,143,235; Jan. 10.
Bassford, Ethan F., assignor to George La Monte & Son, Nutley, N. J. Ornamentally coloring paper. 2,180,387; Nov. 21.
Bassford, Mabel H., Hollywood, Calif. Washboard attachment. 2,171,906; Sept. 5.
Bassi, Felice. (See Gallo, G.; Bassi, Giovanni B., F., and L.; and Calliera.)
Bassi, Giovanni B. (See Gallo, G.; Bassi, Giovanni B., F., and L.; and Calliera.)
Bassi, Luigi. (See Gallo, G.; Bassi, Giovanni B., F., and L.; and Calliera.)
Bassick Company, The. (See Claud-Mantle, Arthur, assignor.)
Bassick Company, The. (See Herold, Walter F., assignor.)
Bassick Company, The. (See Mount, Ralph D., assignor.)
Bassin, Charles S., Newton, assignor to New England Theatres, Inc., Boston, Mass. Film holding device. 2,166,387; July 18.
Bast, Frank J., deceased, by K. Bast, executrix, Queens Village, assignor to C. J. Tagliabue Mfg. Co., Brooklyn, N. Y. Overload switch. 2,145,811; Jan. 31.
Bast, Katherine, executrix. (See Bast, Frank J.)
Bastable, Edward H., Clifton, Mass. Machine for use in applying heels to shoes. 2,155,581; Apr. 25.
Bastian-Blessing Co., The. (See Buttner, William C., assignor.)
Bastian-Blessing Co., The. (See Buttner, W. C., and Evarts, assignors.)
Bastian Brothers Company. (See Brown, Frank J., assignor.)
Bastian Brothers Company. (See Wolf, Wallace J., assignor.)
Bastian, Henry, Metamora, Ill. Pay out attachment for wire stretchers. 2,143,295; Jan. 10.
Baston, Cyril E., Wilkinsburg, Pa., assignor to The English Electric Company, London, England. Supplying current to direct current electric motors. 2,175,820; Oct. 10.
Baston, Cyril E., Wilkinsburg, Pa., assignor to The English Electric Company, London, England. Electric protective device. 2,175,821; Oct. 10.
Bastuscheck, Paul M., Hazleton, Pa. Trailer hitch. 2,180,272; Nov. 14.
Bata, Jan A., Zlin, Czechoslovakia. Device for working on the soles of footwear. 2,166,482; July 18.
Batchelder, Charles H., Hamden, Conn., dedicated to the free use of the Public. Insecticide. 2,152,236; Mar. 28.
Batchelder, Howard R. (See Shoemaker, B. H., and Batchelder.)
Batchelder, Laurence, Cambridge, assignor to Submarine Signal Company, Boston, Mass. Apparatus for the measurement of curd tension. 2,175,173; Oct. 10.
Batchelder, Nelson A., West Barrington, R. I. Feed supply for drafting frames. 2,161,664; June 6.
Batchelder, Nelson A., West Barrington, R. I. Textile drafting means. 2,164,443; July 4.
Batcheller, Clements, Glens Falls, N. Y., assignor to Allegheny Ludlum Steel Corporation. Tile and tile assembly. 2,145,068; Jan. 24.
Batcheller, Clements, Glens Falls, N. Y., assignor to Allegheny Ludlum Steel Corporation, Pittsburgh, Pa. Coloration of stainless steel. 2,172,353; Sept. 12.
Batcheller, Hugh W., Waltham, assignor to Standard Mfg. Co., Worcester, Mass. Rheostat switch. 2,144,137; Jan. 17.
Batcheller, Hugh W., Waltham, assignor to Standard Mfg. Co., Worcester, Mass. Current controlling device. 2,144,138; Jan. 17.
Batcheller, Hugh W., Waltham, assignor, by mesne assignments, to Aetna Motor Products Company, Boston, Mass. Pocket flashlight. 2,150,644; Mar. 14.
Batcheller, Hugh W., Waltham, assignor to Standard Mfg. Co., Worcester, Mass. Rheostat switch. 2,165,199; July 11.
Batcheller, Hugh W., Newton, assignor to Standard Mfg. Co., Worcester, Mass. Fused switch. 2,144,139; Jan. 17.
Batcheller, Hugh W., Newton, assignor to Standard Mfg. Co., Worcester, Mass. Clamping device. 2,144,140; Jan. 17.
Batcheller, Hugh W., Newton, assignor to Standard Mfg. Co., Worcester, Mass. Switch for motor casing. 2,165,200; July 11.
Batcheller, Hugh W., Newton, assignor to Standard Mfg. Co., Worcester, Mass. Electric switch. 2,182,937; Dec. 12.
Batchelor, John C., New York, N. Y. Electron emitter. 2,146,365; Feb. 7.
Batchelor, John C., New York, N. Y. Electronic apparatus. 2,146,366; Feb. 7.
Batchelor, John C., New York, N. Y. Impedance unit. 2,147,138; Feb. 14.
Batchelor, John C., Hastings on Hudson, N. Y., assignor to Affiliated Industrial Corporation. Illumination control system. 2,148,007; Feb. 21.
Bateman, Dorothy E. (See Charch, W. H., and Bateman.)
Bateman, Ernest. (See Sherrard, E. C., Beglinger, Hohf, and Bateman.)
Bateman, Ernest. (See Sherrard, E. C., Beglinger, Hohf, Mitchell, and Bateman.)
Bateman, Fred H., Company. (See Bateman, F. H., and Trolley, assignors.)
Bateman, Frederic H., Grenloch, N. J., and I. Trolley, York, Pa., assignors to Fred H. Bateman Company, Camden, N. J. Potato digger. 2,154,429; Apr. 18.
Bateman, Raymond F., Spirit River, Alberta, Canada. Holder for paper bags and the like. 2,165,606; July 11.
Bateman, Roy D., Washington, D. C., assignor to Automatic Drive and Transmission Company, Ossining, N. Y. Automatic clutch mechanism. 2,181,797; Nov. 28.
Bateman, William T., special administrator. (See Sherrard, E. C., Beglinger, Hohf, and Bateman.)
Bateman, William T., special administrator. (See Sherrard, E. C., Beglinger, Hohf, Mitchell, and Bateman.)
Bater, Charles C. (See Coleman, A. M., Bater, and Lee.)
Bates, Alice, Long Island City, N. Y. Glove. 2,150,018; Mar. 7.
Bates, Alice, Long Island City, N. Y. Glove construction. 2,156,140; Apr. 25.
Bates, Beulah H. (See Bates, Walter A., assignor.)
Bates, David R., Franklin, Mo. Wind drive electric machine. 2,144,559; Jan. 17.
Bates, Fred G., Highland Park, Mich. Hinge. 2,179,113; Nov. 7.
Bates, Hamilton C. (See Joslyn, Stuart S., assignor.)
Bates, Hampton R., Roanoke, Va. Automobile bumper. 2,166,483; July 18.
Bates, Harry, assignor to Bates Laboratories, Inc., New York, N. Y. Toy typewriter. 2,166,112; July 18.
Bates, Harry C., assignor to Corning Glass Works, Corning, N. Y. Glass filter and making it. 2,160,571; May 30.

Bates, Harry H., Ridley Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bolt heater. 2,176,601; Oct. 17.
Bates, Jesse H., and T. H. Hansen, Wauwatosa, assignors to Harnischfeger Corporation, Milwaukee, Wis. Prefabricated house. 2,181,169; Nov. 28.
Bates, Joseph D., West Springfield, Mass. Ice pack. 2,152,019; Mar. 28.
Bates, Joseph D., Springfield, Mass. Ice pack. 2,174,455; Sept. 26.
Bates Laboratories, Inc. (See Bates, Harry, assignor.)
Bates Laboratories, Inc. (See Bonilla, Charles F., assignor.)
Bates, Lawrence G., assignor to Continental Say When Corporation, Cleveland, Ohio. Dispensing apparatus for beverages. 2,154,393; Apr. 11.
Bates Manufacturing Company, The. (See Faas, Walter, assignor.)
Bates, Mortimer F. (See Carter, L. F., and Bates.)
Bates, Mortimer F., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Gyro-magnetic compass. Re. 20,983; Jan. 24.
Bates, Mortimer F., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic engine throttle control. 2,160,194; May 30.
Bates, Mortimer F., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Quick setting means for directional gyroscopes. 2,161,241; June 6.
Bates, Mortimer F., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Temperature compensated gyroscope. 2,180,136; Nov. 14.
Bates, Sidney E., Chicago, Ill., assignor, by mesne assignments, to Poor & Company. Supporting clamp for track lubricators. 2,168,554; Aug. 8.
Bates, Sidney E., and E. Overmier, Chicago, Ill., assignor, by mesne assignments, to Poor & Company. Wheel flange oiler. 2,145,067; Jan. 24.
Bates, Walter A., assignor to B. H. Bates, Joilet, Ill. Grating. 2,184,407; Dec. 26.
Bath, Fritz. (See Freystedt, E., and Bath.)
Batkin, Gregory, New York, N. Y. Toy. 2,165,914; July 11.
Batsel, Max C., Collingswood, N. J., assignor to Radio Corporation of America. Impulse recorder. 2,165,777; July 11.
Battee, Elvin L., Oakland, Calif. Grain puffing machine. 2,149,156; Feb. 28.
Battelle Memorial Institute. (See Bird, B. M., Thomas, and Rea, assignors.)
Battelle Memorial Institute. (See Gonser, Bruce W., assignor.)
Battelle Memorial Institute. (See Hobart, Floyd B., assignor.)
Battelle Memorial Institute. (See Krause, D. E., and Lorig, assignors.)
Battelle Memorial Institute. (See Pavlish, A. E., and Sullivan, assignors.)
Battelle Memorial Institute. (See Sullivan, John D., assignor.)
Battelle Memorial Institute. (See Thomas, Bertram D., assignor.)
Batten, Percy H., assignor to Twin Disc Clutch Company, Racine, Wis. Clutch mechanism. 2,167,705; Aug. 1.
Batten, Percy H., assignor to Twin Disc Clutch Company, Racine, Wis. Clutch mechanism. 2,184,135; Dec. 19.
Batten, William E. (See Clark, A. M., Batten, and Harrison.)
Batterman, Elmer F. (See Verderber, J., and Batterman.)
Battermann, Ludwig A., Sayville, N. Y., assignor to Radio Corporation of America. Transmission line. 2,153,527; Apr. 4.
Battery Patents Corporation. (See Henry, Harry H., assignor.)
Battery Patents Corporation. (See Pease, Earl E., assignor.)
Battestin, Francis J., and E. C. Fox, Coshocton, Ohio. Safety switch. 2,178,159; Oct. 31.
Battey, Colden R. (See Marschalk, Frederick F., assignor.)
Battey, Paul L., Mundelein, and H. S. Williams, Oak Park, Ill. Building construction. 2,177,932; Oct. 31.
Battey, William A., Haverford, assignor to Pennsylvania Crusher Company, Philadelphia, Pa. Hammer mill. 2,149,571; Mar. 7.
Battey, William A., Haverford Township, Delaware County, Pa., assignor to Pennsylvania Crusher Company, New York, N. Y. Crusher frame. 2,155,393; Apr. 25.
Battilana, Gualtiero. (See Purkardhofer, G., and Battilana.)
Battin, Harold T., Ridgewood, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Continuous conveying apparatus. 2,168,555; Aug. 8.
Battle Creek Bread Wrapping Machine Company. (See Smith, John W., assignor.)
Battles, Stewart S. (See Ahrbacker, H. L., and Battles.)
Battocchi, Silvio, Springfield, Mass. Rotary knife sharpener. 2,161,992; June 13.
Batton, Fenton E. (See Cavanaugh, Edward J., assignor.)
Bauberger, Charles W., and E. T. Liess, Malverne, New York, N. Y. Brake shoe fitter. 2,144,321; Jan. 17.
Bauch, Ada, Brooklyn, N. Y. Industrial insurance record bag. 2,180,191; Nov. 14.
Baudou, Maurice, et al. (See Brunswick, Jules, assignor.)
Baudou, Rene, et al. (See Brunswick, Jules, assignor.)
Baudry, René A., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Damper winding for high speed salient-pole machines. 2,169,017; Aug. 8.
Baue, Carl D., St. Louis, Mo. Ink fountain. 2,161,943; June 13.
Bauer, Anthony E. (See Benson, R. F., Bauer, and Jayet.)
Bauer, Arno. (See Fritzsche, R., and Bauer.)
Bauer Brothers Company, The. (See Markley, J., Woodruff, and Mechlin, assignors.)
Bauer, Brunton, Mount Airy, and R. B. Albright, assignors to Philco Radio and Television Corporation, Philadelphia, Pa. Antenna coupling device for radio receivers. 2,159,546; May 23.
Bauer, Carl, assignor to Missouri Rolling Mill Corporation, St. Louis, Mo. Steel tower member. 2,145,232; Jan. 31.
Bauer, Carl, assignor to Missouri Rolling Mill Corporation, St. Louis, Mo. Fence structure. 2,161,944; June 13.
Bauer, Conrad, Pittsburgh, Pa. Flexible blind and awning. 2,149,157; Feb. 28.
Bauer, David M., Norristown, assignor to Trisco Products, Inc., Philadelphia, Pa. Support for stocking forms. 2,169,134; Aug. 8.
Bauer, Emory L., assignor to Emory L. Bauer, Inc., Wilmington, Del. Oil burner. 2,165,212; July 11.
Bauer, Emory L., Inc. (See Bauer, Emory L., assignor.)
Bauer, Ernst. (See Schneider, W., and Bauer.)
Bauer, Ernst. (See Wilmanns, G., Schneider, and Bauer.)
Bauer, Ernst, Dessau, Germany, assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Production of colored pictures. 2,177,632; Oct. 31.
Bauer, Erwin, Mannheim, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Glow discharge oscillator. 2,167,496; July 25.
Bauer, Hans A. (See Habas, W. F., and Bauer.)
Bauer, Hans A., assignor to B. F. Gump Co., Chicago, Ill. End creasing mechanism for bags. 2,145,386; Jan. 31.
Bauer, Hans F., assignor to Stein, Hall Manufacturing Company, Chicago, Ill. Pregummed hanging paper. 2,183,532; Dec. 19.
Bauer, Hans F., assignor to Stein Hall Manufacturing Company, Chicago, Ill. Compositions prepared from amylaceous substances. 2,183,736; Dec. 19.
Bauer, Hans F., Chicago, J. V. Bauer, Elmwood Park, and D. M. Hawley, Geneva, assignors to Stein, Hall Manufacturing Company, Chicago, Ill. Gummed tape. 2,144,610; Jan. 24.
Bauer, Hans F., Chicago, J. V. Bauer, Elmwood Park, and D. M. Hawley, Geneva, assignors to Stein, Hall Manufacturing Company, Chicago, Ill. Adhesive compositions. 2,145,195; Jan. 24.
Bauer, Hans F., and H. F. Gardner, assignors to Stein, Hall Manufacturing Company, Chicago, Ill. Degradation of cereals. 2,148,525; Feb. 28.
Bauer, Hans F. and J. V., Chicago, and D. M. Hawley, Geneva, assignors to Stein, Hall Manufacturing Company, Chicago, Ill. Applying gummed tape, labels, and the like. 2,167,629; Aug. 1.
Bauer, Jake G., Albuquerque, N. Mex. Form release shore heads. 2,166,576; July 18.
Bauer, John A., Lawrenceburg, Ind. Cooperage. 2,152,020; Mar. 28.
Bauer, John E., Muncie, Ind., assignor to Owens-Illinois Glass Company. Producing glass building blocks. 2,170,602; Aug. 22.
Bauer, Jordan V. (See Bauer, Hans F. and J. V., and Hawley.)
Bauer, Karl, W. J. v. Piotrowski, H. Burstin, and J. Winkler, Drohobycz, Poland. Obtaining valuable organic compounds from the acid sludge of mineral oil refining processes. 2,172,784; Sept. 12.
Bauer, Oliver F., assignor to Gleason Works, Rochester, N. Y. Tooth aligning device. 2,150,313; Mar. 14.
Bauer, Paul S., trustee. (See Wolff, Otto E., assignor.)
Bauer, Philip J., Burdett, Kans. Display rack. 2,173,152; Sept. 19.
Bauer, R. S., Trust, The. (See Wolff, Otto E.)
Bauer, Rudolf. (See Baesecke, M., and Bauer.)
Bauer, Rudolf, Leverkusen I. G. Werk, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparing tanning agents. 2,148,893; Feb. 28.
Bauer & Schaurte, Rheinische Schrauben- und Muttern-fabrik A.-G. (See Schaurte, Paul, assignor.)
Bauer, Walter. (See Röhm, O., and Bauer.)
Bauer, Walter, Darmstadt, Germany, assignor to Röhm & Haas Company, Philadelphia, Pa. Preparation of methacrylic acid. 2,153,406; Apr. 4.
Bauer, Walter, and H. Lauth, Darmstadt, Germany, assignors to Röhm & Hass Company, Philadelphia, Pa. Polymerization process. 2,160,054; May 30.
Bauer, Wilhelm, Leverkusen-Wiesdorf, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the anthraquinonebenzacridone series. 2,185,140; Dec. 26.

Bauerschmidt, Kuno, Berlin, Germany, assignor to General Electric Company. Electric circuit interrupter. 2,162,569; June 13.
Baugh, Robert T., Jr. (See Baugh, Robert T., assignor.)
Baugh, Robert T., assignor to R. T. Baugh, Jr., Huntsville, Ala. Coal cutter chain. 2,174,815; Oct. 3.
Baugh & Sons Company. (See Wilson, S. N., and Waggaman, assignors.)
Baugh, Willard H., Dearborn, Mich. Trousers hanger. 2,171,680; Sept. 5.
Baughman, George W. (See Farmer, C. C., and Baughman.)
Baughman, George W., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,164.893; July 4.
Baule, Gerhard H. J. (See Cooper, J., and Baule.)
Baule, Gerhard H. J., Syracuse, N. Y. Booster mechanism. 2,150,019; Mar. 7.
Baule, Gerhard H. J., assignor to Crouse-Hinds Company, Syracuse, N. Y. Coin operated time indicating device. 2,173,326; Sept. 19.
Baule, Marie E. A. (See Ducamp, A. J., and Baule.)
Baum, Erich. (See Herrmann, W. O., Baum, and Haehnel.)
Baum, Henry, assignor of one-half to E. B. Richard, Bowling Green, Ohio. Reading glass support for map holders. 2,169,786; Aug. 15.
Baum, Seymour J., Flushing, N. Y. Pump. 2,164,103; June 27.
Bauman, John J., Columbus, Ohio. Refrigerating apparatus. 2,171,517; Sept. 5.
Bauman, Joseph. (See Williams, J. J., and Bauman.)
Bauman, Lionel A. (See Wertzheiser, Joseph, assignor.)
Bauman, Ronald H., Cincinnati, Ohio. Folding box. 2,175,513; Oct. 10.
Baumann, Arnold W., Chicago, Ill. Countercurrent condenser. 2,147,876; Feb. 21.
Baumann, Arnold W., Chicago, Ill. Evaporator. 2,172,236; Sept. 5.
Baumann, Edward W., Deming, N. Mex. Hinge. 2,164,047; June 27.
Baumann, Fritz, and H. W. Schwechten, Leverkusen-I. G. Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. 1.3-diaza-anthraquinones. 2,176,413; Oct. 17.
Baumann, Henry N., Jr. (See Benner, R. C., and Baumann.)
Baumann, Johannes, Heidenheim-on-the-Brenz, assignor to J. M. Voith, Heidenheim-on-the-Brenz, Germany, and St. Poelten, Austria, a copartnership. Elastic coupling. 2,158,847; May 16.
Baumann, Paul, Ludwigshafen-on-the-Rhine, K. Krapp, Mannheim, H. Schilling, Ludwigshafen-on-the-Rhine, and R. Stadler, Ziegelhausen, assignors to I. G. Farbenindistrie Aktiengesellschaft, Franfort-on-the-Main, Germany. Apparatus for the operation of direct current electric arcs. 2,160.452; May 30.
Baumann, Walter, and O. Hemmann, Leuna, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Apparatus for the production of gaseous unsaturated hydrocarbons. 2,164,762; July 4.
Baumbach, Emil A., Chicago, Ill. Leader pin oiler. 2,181,360; Nov. 28.
Baumé, Edwall J., Long Beach, Calif. Door lock and latch. 2,160,301; May 30.
Baumer, Harry L., Tulsa, Okla. Safety device for steering motor vehicles. 2,152,021; Mar. 28.
Baumer, Martin, Pittsburgh, Pa. Vest and collar holder. 2,173,818; Sept. 26.
Baumfalk, John, Jersey City, N. J.; W. Bennett, Brooklyn, N. Y.; and P. L. Wright, Short Hills, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Time-of-day announcing system. 2,161,945; June 13.
Baumgardner, Henry C., Ann Arbor, Mich. Spraying device. 2,177,032; Oct. 24.
Baumgarten, Adolf. (See Murrin, Gahlbeth H., assignor.)
Baumgarten, Imre, Budapest, Hungary. Circular loom. 2,168,385; Aug. 8.
Baumgarten, Lawrence C., Hornell, N. Y., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Valve. 2,162,832; June 20.
Baumgartner, Emile, Bienne, Switzerland. Change-speed gear, especially for bicycles. 2,165,201; July 11.
Baumgartner, George R., Cleveland Heights, Ohio, assignor to General Electric Company. Lighting fixture. 2,143,673; Jan. 10.
Baumgartner, John G., assignor to National Brush Company, Aurora, Ill. Wire cutting machine. 2,166,087; July 11.
Baumgratz, Emma (née Friedhofer). (See Baumgratz, Ernst, assignor.)
Baumgratz, Ernst, deceased, by Emma Baumgratz, née Friedhofer, sole representative of the heirs, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Hose. 2,144,478; Jan. 17.
Baumheckel, William M., Cincinnati, Ohio, assignor to B. B. B. Corporation, Detroit, Mich. Water pump and seal therefor. 2,152,727; Apr. 4.
Baumker, William H., assignor to The American-National Company, Toledo, Ohio. Saddle post assembly. 2,178,678; Nov. 7.
Baumzweiger, Benjamin, Chicago, Ill., assignor to S. N. Shure and F. Shure, trustee, doing business as Shure Brothers, a partnership. Microphone apparatus. 2,184,247; Dec. 19.
Bauriedel, Gotthard. (See Frowein, K., Bauriedel, and Elsaesser.)
Bauriedel, Gotthard. (See Hartmann, A., and Bauriedel.)
Baurmann, Fred W. (See Gilstrap, F. M., and Baurmann.)
Bauroth, Walter J., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Drill. 2,159,071; May 23.
Bauroth, Walter J., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Plug type switch. 2,168,663; Aug. 8.
Bausch, Edward, Rochester, and G. Fassin, Irondequoit, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Microtome. 2,155,523; Apr. 25.
Bausch & Lomb Optical Company. (See Bausch, E., and Fassin, assignors.)
Bausch & Lomb Optical Company. (See Bouchard, Samuel E., assignor.)
Bausch & Lomb Optical Company. (See Dittmer, Arthur F., assignor.)
Bausch & Lomb Optical Company. (See Ellestad, Gerhard A., assignor.)
Bausch & Lomb Optical Company. (See Eppenstein, Otto, assignor.)
Bausch & Lomb Optical Company. (See Jobe, Frederick W., assignor.)
Bausch & Lomb Optical Company. (See Kimball, Donald E., assignor.)
Bausch & Lomb Optical Company. (See König, A., and Kühne, assignors.)
Bausch & Lomb Optical Company. (See Laurer, C. J., and Markell, assignors.)
Bausch & Lomb Optical Company. (See Levin, Aaron A., assignor.)
Bausch & Lomb Optical Company . (See Papello, Karl, assignor.)
Bausch & Lomb Optical Company. (See Trautmann, Otto E., assignor.)
Bausch & Lomb Optical Company. (See Wittig, Carl H. O., assignor.)
Bausman, Alonzo L., Springfield, Mass. Filter press. 2,178,416; Oct. 31.
Bauwens, Seraphine F., Chicago, Ill. Decorative band. 2,166,337; July 18.
Baxendale, Samuel, Dearborn, and J. Evasic, Detroit, Mich., assignors to Modern Collet & Machine Company, Ecorse, Mich. Stock feeding means for automatic machine tools. 2,155,634; Apr. 25.
Baxer Laboratories, Inc. (See Falk, Harry N., assignor.)
Baxley, Edward C. (See Brown, Elmer L., assignor.)
Baxley, Grace A. (See Brown, Elmer L.)
Baxley, Grace A., guardian. (See Brown, Elmer L., assignor.)
Baxter, Berry A., Altadena, Calif. Vacuum cleaner brush. 2,143,535; Jan. 10.
Baxter, Burke M., Detroit, Mich. Paper making apparatus. 2,156,445; May 2.
Baxter, Ernest L., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic backing paper. Re. 21,268; Nov. 21.
Baxter, Ernest L., assignor to Eastman Kodak Company, Rochester, N. Y. Rotogravure ink. 2.153.130; Apr. 4.
Baxter, Ernest L., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic film. 2,158,173; May 16.
Baxter, Harold G., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Panel board. 2,179,318; Nov. 7.
Baxter, James G. (See Hickman, K. C. D., and Baxter.)
Baxter, James G., assignor, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. High vacua. 2,147,479; Feb. 14.
Baxter, James G., assignor, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. Hydrocarbons from vacuum distillation of fish oil. 2,169,192; Aug. 8.
Baxter Laboratories, Inc. (See Brandon, Wayne D., assignor.)
Baxter, Thomas R. (See Webber, G. R., and Baxter.)
Baxter, William C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for use in shaping moccasins over lasts. 2,144,732; Jan. 24.
Baxter, William E., Charleston, W. Va. Glass cutter. 2,155,885; Apr. 25.
Baxter, William R., Garfield Heights, assignor to The Empire Plow Company, Cleveland, Ohio. Highway guard rail construction. Re. 21,182; Aug. 29.
Bay, Charles A. (See Rypinski, A. B., and Bay.)
Bay State Abrasive Products Company. (See Buckner, O. S., and Wilson, assignors.)
Bay State Abrasive Products Company. (See Goodnow, R. J., and Wilson, assignors.)
Bay State Optical Company. (See Nerney, George E., assignor.)
Bay, Thomas J., U. S. Navy. Condenser tube protector. 2,157,107; May 9.
Bay, Zoltan, assignor to Egyesült Izzólámpa és Villamossagi r. t., Ujpest, Hungary. High pressure arc lamp. 2,156,369; May 2.

Bayer, Abraham H., Schenectady, assignor to Joe Lowe Corporation, New York, N. Y. Frozen confectionery product and making the same. 2,182,784; Dec. 12.
Bayer, Henry J., Mount Vernon, Ill. Oven. 2,164,226; June 27.
Bayer, Kurt, Magdeburg, and A. Burkhardt, Berlin-Lichterfelde, West, assignors to Georg von Giesche's Erben, Breslau, Germany. Deep-drawing zinc alloy. 2,166,338; July 18.
Bayer, Ludwig, Nuremberg, Germany. Machine for splitting fibers. 2,180,273; Nov. 14.
Bayer, Matthew F., Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Studio couch. 2,169,211; Aug. 15.
Bayer, Otto. (See Becker, W., Bayer, and Harz.)
Bayer, Otto. (See Metzger, L. W., and Bayer.)
Bayer, Otto. (See Schrader, G., and Bayer.)
Bayer, Otto. (See Schweitzer, H., Bayer, and Schrader.)
Bayer, Otto. (See Taube, C., and Bayer.)
Bayerische Stickstoff-Werke Actiengesellschaft. (See Franck, H. H., and Kaess, assignors.)
Bayerische Stickstoff-Werke Aktien Gesellschaft. (See Wendlandt, Rudolf, assignor.)
Bayes, Alfred L., Buffalo, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Noncorrosive antifreeze liquid. 2,147,395; Feb. 14.
Bayes, Alfred L., Buffalo, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Antifreeze corrosion inhibitor. 2,153,952; Apr. 11.
Bayes, Elijah W., Parsons, Kans. Road-grading device. 2,168,664; Aug. 8.
Bayha, Edwin H., Upper Darby, Pa., assignor to United States Gauge Company, New York, N. Y. Internal siphon gauge. 2,177,200; Oct. 24.
Bayley, William, Company, The. (See Bayley, William D., assignor.)
Bayley, William D., Springfield, Ohio. Detention window and glazing same. 2,161,792; June 13.
Bayley, William D., Springfield, Ohio. Window. 2,162,601; June 13.
Bayley, William D., Springfield, Ohio. Window assembly. 2,168,922; Aug. 8.
Bayley, William D., assignor to The William Bayley Company, Springfield, Ohio. Window. 2,153,543; Apr. 11.
Bayley, William D., assignor to The William Bayley Company, Springfield, Ohio. Window assembly. 2,161,791; June 13.
Baylis, Walter S., and W. Kelley, Los Angeles, Calif., assignors, by mesne assignments, to Fullerite, Incorporated. Adsorbent clay and producing same. 2,180,576; Nov. 21.
Bayliss, Francis J. (See Richtmyer, Arthur R., assignor.)
Bayliss, Milward, Hurlock, Md., and J. L. Wilson, St. Paul, and E. J. Ordal, Minneapolis, assignors to Economics Laboratory Inc., St. Paul, Minn. Germicidal detergent. 2,183,037; Dec. 12.
Baynes, Frederick A., Buffalo, N. Y. Gas burner. 2,181,862; Dec. 5.
Bayon, Fred J., Holyoke, Mass. Cell bar. 2,156,579; May 2.
Bays, George S., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Recovery of liquid hydrocarbons from well fluids. 2,156,234; Apr. 25.
Bays, George S., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Gas mapping. 2,165,440; July 11.
Bays, George S., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Back-pressure control in pressure drilling. 2,169,675; Aug. 15.
Bayway Engineering Company, et al. (See Reed, C. L., and Broidrick, assignors.)
Bay West Paper Company. (See Gilling, E. A., Vaughan, and Krueger, assignors.)
Bazeley, Arthur J., Shaker Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Train line connector. 2,165,330; July 11.
Bazeley, Arthur J., Shaker Heights, Ohio, assignor to National Malleable and Steel Castings Company. Car coupler. 2,170,891; Aug. 29.
Bazeley, Arthur J., Shaker Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car coupling apparatus. 2,178,062; Oct. 31.
Bazzoni, Charles B., Wallingfor, and J. Razek, Llanerch, assignors to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Electrical prospecting method and apparatus. 2,167,630; Aug. 1.
Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Splitting machine. 2,143,047; Jan. 10.
Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for covering heels. 2,151,005; Mar. 21.
Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation. Heel. 2,161,846; June 13.
Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Grinding apparatus. 2,162,795; June 20.
Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Skiving machine. 2,166,280; July 18.
Bazzoni, Lewis J., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Splitting machine. 2,173,822; Sept. 26.
Beach, Clarence E., Brookline, Mass. Signal mechanism. 2,149,572; Mar. 7.
Beach, Fitch H. (See Beach, Fred S. and F. H.)
Beach, Fred S. and F. H., Charlotte, Mich. Combination ice-breaker and road scarifying and leveling device. 2,172,785; Sept. 12.
Beach, George R., Jr. (See Stevens, Henry P., assignor.)
Beach, Harold K., Cranford, N. J., assignor to Phelps Dodge Copper Products Corporation, New York, N. Y. Coiling mechanism. 2,157,811; May 9.
Beach, Norman F., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Moisture-proof cellulosic sheeting. 2,166,711; July 18.
Beach, Ralph H., Plymouth, Mich. Electric iron. 2,151,888; Mar. 28.
Beach, Ralph H., Ann Arbor, Mich. Electric heating device. 2,181,042; Nov. 21.
Beach, William C., Bloomfield, N. J., assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Electromagnet. 2,180,288; Nov. 14.
Beacher, Andrew, Lexington, Ill. Parking mechanism for automobiles. 2,158,891; May 16.
Beacon Safety Signal Co. (See Roan, C. M., Kaupang, and Rohlen, assignors.)
Beadel, John J. (See Coates, Frank, assignor.)
Beal, Arthur G., and B. Holmberg, assignors to The Foxboro Company, Foxboro, Mass. Printing and perforating apparatus. 2,169,891; Aug. 15.
Beal, Carl L., Cuyahoga Falls, assignor to American Anode Inc., Akron, Ohio. Manufacture of rubber thread. 2,165,089; July 4.
Beale, Charles E., and I. T. Richards, Liverpool, England, assignors to Associated Telephone and Telegraph Company, Chicago, Ill. Telephone system. 2,147,235; Feb. 14.
Beale, Edward B., Belle Haven, Va. Disinfectant pad. 2,173,528; Sept. 19.
Beale, Martin J., Brooklyn, N. Y. Portable dispensing tank. 2,181,006; Nov. 21.
Beall, Frank H., Maplewood, N. J. Chromium plating. 2,182,244; Dec. 5.
Beall, Isaac N., and J. B. and E. B. Wise, Baltimore, Md. Autoclave and accessory therefor. 2,145,679; Jan. 31.
Beall, Lloyd M., Dearborn, and F. P. Connors, Detroit, Mich. Engine. 2,159,072; May 23.
Beals, Albert E., Norwich, N. Y. Method and apparatus for automatically controlling the operation of air conditioning systems. Re. 21,116; Aug. 1.
Beals, Harold L. (See Farner, L. S., Beals, and Haladik.)
Beam, Calvin M., Asheville, N. C. Dental illumination unit. 2,176,620; Oct. 17.
Beament, Thomas G., Orillia, Ontario, Canada. Producing composite wear-resisting bodies. 2,155,215. Apr. 18.
Beamer, Clayton M., Elizabeth, N. J., assignor to Standard Alcohol Company. Manufacturing ketones. 2,179,488; Nov. 14.
Beamer, Clayton M., Elizabeth, and J. Hooton, Linden, N. J., assignors to Standard Alcohol Company. Double use of scrubbing solutions for purification of hydrocarbon gases. 2,176,196; Oct. 17.
Beamer, Charles W., Mojave, Calif. Apparatus for dispensing straws. 2,181,542; Nov. 28.
Bean, Albert C., Kansas City, Mo., and J. B. Ray, Fort Worth, Tex. Pipe and forming same. 2,181,361; Nov. 28.
Bean, Alpheus F., Roanoke, Va. Cleaning gun for viscose pumps. 2,144,560; Jan. 17.
Bean, Clinton, New Rochelle, N. Y. Dowel retainer. 2,178,386; Oct. 31.
Bean, George G., Boston, Mass. Ear muff. 2,149,383; Mar. 7.
Bean, Leslie H., Des Moines, Iowa. Automatic ventilator. 2,183,955; Dec. 19.
Bean, Ruric N., Houston, Tex., assignor to L. A. Layne. Packer lock. 2,155,380; Apr. 25.
Bean, Ruric N., assignor to L. A. Layne, Houston, Tex. Hydraulic release for well bottoms. 2,155,382; Apr. 25.
Bean, Ruric N., H. C. Block, and L. A. Layne, Houston, Tex.; said Bean and said Block assignors to said Layne. Bottom connection hydraulic setting tool. 2,155,381; Apr. 25.
Beane, Frank R., et al. (See Madigan, John F., assignor.)
Bear Manufacturing Company. (See Wochner, Henry, assignor.)
Bear, Paul S., Elkhart, and R. Billings, Wabash, assignors to Bucklen-Bear Laboratories, Inc., Elkhart, Ind. Condition controller. 2,167,824; Aug. 1.
Beard, Cameron R., Essex Fells, N. J., assignor to Annin & Co., New York, N. Y. Flag holder and support therefor. 2,177,513; Oct. 24.
Beard, Earl E., South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of anthraquinonediphenyldithiazoles. 2,150,092; Mar. 7.
Beard, Earl E., South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compound of the pyrazolanthrone series. 2,162,205; June 13.
Beard, Earl E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the pyrazolanthrone series. 2,162,206; June 13.

Beard, Earl E., South Milwaukee, and M. A. Perkins, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone series. 2,150,093; Mar. 7.
Beard, Elmer E., assignor to Beard Veneer Products, Inc., Tacoma, Wash. Plywood press. 2,142,932; Jan. 3.
Beard, Harry R. (See Hedreen, C. A., and Beard.)
Beard, Lawrence O., Lancaster, Pa. Abrading tool. 2,170,585; Aug. 22.
Beard, Lewis, New Boston, Ill. Farm gate. 2,167,825; Aug. 1.
Beard, Roy A., Oaktown, Ind. Game. 2,182,531; Dec. 5.
Beard, Theodore H., Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y. Carton for wax records. 2,171,518; Sept. 5.
Beard Veneer Products, Inc. (See Beard, Elmer E., assignor.)
Beardsley, Clarence W., East Detroit, Mich. Made-up handkerchief. 2,168,787; Aug. 8.
Beardsley, Harold H., Denver, Colo. Contra-angle dental hand piece. 2,180,499; Nov. 21.
Beardsley & Piper Company, The. (See Piper, Walter F., assignor.)
Bearss, Roy, and C. E. Anderson, Shelby, Mich. Electrical signal operating device. 2,159,419; May 23.
Beasley, Charles B., Great Lakes, Ill. Reel. Re. 20,995; Feb. 7.
Beasley, James W. (See Coseboom, Claude W., assignor.)
Beatie, Cecil E., Los Angeles, Calif., assignor, by mesne assignments, to Power Patents Company, Jersey City, N. J. Process and apparatus for cracking oil. 2,149,828; Mar. 7.
Beattie, Clay H., Jr., Covina, Calif., assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Orientation apparatus. 2,149,716; Mar. 7.
Beatty, Charles S., Wilkinsburg, Pa. Dispensing apparatus. 2,145,965; Feb. 7.
Beatty Machine & Manufacturing Co. (See Beatty, William R., assignor.)
Beatty, Mildred M., Albuquerque, N. Mex. Mimi-o-file cabinet. 2,169,911; Aug. 15.
Beatty, William R., Hammond, Ind., assignor to Beatty Machine & Manufacturing Co. Flanging machine. 2,175,679; Oct. 10.
Beaty, Julian B. (See Deschere, Harvey, assignor.)
Beaubien, Arthur N., Agassiz, British Columbia, Canada. Dishwashing machine. 2,182,978; Dec. 12.
Beauchamp, George D., assignor to Electro String Instrument Corporation, Los Angeles, Calif. Stringed musical instrument. 2,152,783; Apr. 4.
Beauchamp, Wilfred A., Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Bulk freight container. 2,177,313; Oct. 24.
Beaucolin, Constant, Luxemburg, Luxemburg. Reflector-heater with sheathed electric heating elements. 2,161,793; June 13.
Beaudry, Marcel, Irasburg, Vt. Smoking pipe. 2,164,982; July 4.
Beaufort, John M., and H. S. Pyle, Seattle, Wash. Radio antenna. 2,172,117; Sept. 5.
Beaufour, Robert E., Paris, France. Bed for invalids. 2,174,434; Sept. 26.
Beau May Process Corporation. (See Wickenden, L., and Baptiste, assignors.)
Beaumont, Ernest, Canton, Ohio. Computing machine. 2,167,620; Aug. 1.
Beaumont, Oliver H. (See Lykos, J., and Beaumont.)
Beaune, Serge V., Creteil, assignor to Société des Procédés Serge Beaune, Creteil (Seine), France. Roller for use in printing. 2,143,617; Jan. 10.
Beaupre, Eli J., North Attleboro, assignor to Associated Attleboro Manufacturing Inc., Attleboro, Mass. Bracelet. 2,164,197; June 27.
Beauvais, Marcelle, Saint-Maurice, assignor to S. Papadakis, Saint-Maurice (Seine), France. Production of photographic pictures in natural colors in accordance with the three-color principle. 2,159,683; May 23.
Beavan, John, Ayr, Scotland. Emergency brake apparatus for motor road vehicles. 2,171,352; Aug. 29.
Beaver, Albert T., Kasson, Minn. Watersaving toilet. 2,154,259; Apr. 11.
Beaver, Charles J., and T. J. Fairfield, Bowdon, assignors to W. T. Glover and Company Limited, Manchester, England. Apparatus for extruding metal. 2,181,987; Dec. 5.
Beaver, David J., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Metal pickling process. 2,167,621; Aug. 1.
Beaver, John G., Brooklyn, assignor to O. Regen Manufacturing Company, Inc., New York, N. Y. Making tally tassels. 2,171,737; Sept. 5.
Beaver Pipe Tools, Inc. (See Pealer, Robert B., assignor.)
Bechberger, Paul F. (See Milnor, J. W., Bechberger, and Cannon.)
Bechereau, Louis, Paris, France. Airfoil used in aeronautics. 2,177,798; Oct. 31.
Becherer, Fritz, and M. Iselin, Riehen, near Basel, and J. Bindler, assignors to the firm J. R. Geigy S. A., Basel, Switzerland. Amino-acid derivatives and their manufacture. 2,153,707; Apr. 11.
Bechik, Michael, St. Paul, Minn. Handle for mattresses and the like. 2,154,556; Apr. 18.
Bechik, Michael, St. Paul, assignor to Salisbury & Satterlee Way Co., Minneapolis, Minn. Mattress and method of manufacture. 2,152,237; Mar. 28.
Bechik, Michael, St. Paul, Minn. Mattress holder for bedsprings. 2,154,557; Apr. 18.
Bechman, William O. (See Baker, D. B., Bechman, and Tomik.)
Bechman, William O. (See Baker, D. B., Rogers, and Bechman.)
Bechman, William O. (See Johnston, E. A., Rogers, and Bechman.)
Bechman, William O., Chicago, Ill., assignor to International Harvester Company. Drawbar. 2,160,350; May 30.
Bechtel-McCone-Parsons Corporation. (See Parsons, Ralph M., assignor.)
Bechter, Charles H., assignor to Flame Lite Corporation, Los Angeles, Calif. Luminous tube lighting system. 2,172,635; Sept. 12.
Bechtold, Julian F. (See Weis, S., and Bechtold.)
Bechtold, Reuben E., assignor, by mesne assignments, to S. F. Bowser and Company, Incorporated, Fort Wayne, Ind. Fluid dispensing system. 2,164,441; July 4.
Beck, Adolf, and H. Bohner, Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Free-cutting aluminum alloys. 2,165,441; July 11.
Beck, Adolf, and H. Bohner, Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Free cutting alloys. 2,184,693; Dec. 26.
Beck, August, assignor to Waite Carpet Company, Oshkosh, Wis. Rug. 2,168,696; Aug. 8.
Beck, Christoph, and F. Kremp, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of oxidation product of paraffin hydrocarbons. 2,158,650; May 16.
Beck, Frank A. (See Kuester, J., and Beck.)
Beck, George A., Bridgeport, Conn., assignor to General Electric Company. Dial indicator. 2,146,558; Feb. 7.
Beck, George C., Spokane, Wash. Piston expander. 2,151,071; Mar. 21.
Beck, George C., Spokane, Wash. Cylinder honing and wiping device. 2,166,281; July 18.
Beck, Harald, Berlin-Westend, Germany, assignor to General Electric Company. Electric discharge apparatus. 2,144,520; Jan. 17.
Beck, Harry B., assignor to William E. Hooper & Sons Company, Baltimore, Md. Oil filter and cartridge. 2,156,329; May 2.
Beck, James. (See Steele, C. E., and Beck.)
Beck, John M., and I. L. Parker, Augusta, Ga. Cutter for batching machines. 2,175,102; Oct. 3.
Beck, Johnse H., assignor to The Geo. F. Cram Company, Indianapolis, Ind. Map and like article support. 2,171,497; Aug. 29.
Beck, Julius S., assignor to J. Grant, Los Angeles, Calif. Cut indicator for casing cutters. 2,167,739; Aug. 1.
Beck, Kenneth H., and E. H. Blackburn, Pittsburgh, Pa. Door stop. 2,153,232; Apr. 4.
Beck, Koller & Company. (See Zinke, Alois, assignor.)
Beck, Norman R., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Lehr feeder. 2,176,241; Oct. 17.
Beck, Orville L., Dahlgren, Va. Automobile door locking apparatus. 2,160,011; May 30.
Beck, Wesley J., and A. E. Taylor, assignors to The American Rolling Mill Company, Middletown, Ohio. Prepared iron or steel sheets such as silicon steel sheets for magnetic uses. 2,176,602; Oct. 17.
Beck, William J., Yonkers, N. Y. Automatic filling machine. 2,156,271; May 2.
Beck-Rzikowsky, Fritz G., et al. (See von Kozurik, Oskar, assignor.)
Becker, Bernard C., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,146,006; Feb. 7.
Becker, Bernard C., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,148,599; Feb. 28.
Becker, Bernard C., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,167,740; Aug. 1.
Becker, Bernard C., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,174,560; Oct. 3.
Becker, Bernard C., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,177,974; Oct. 31.
Becker, Bertil I., Leicester, assignor to Howard Bros. Mfg. Co., Worcester, Mass. Machine for making card clothing. 2,174,173; Sept. 26.
Becker, Clark G. (See Brown, M. D., and Becker, C. G., and P. G.)
Becker, Ellsworth J. (See Becker, John C., O. C., and E. J.)
Becker, Emil, Dessau, Germany. Apparatus for crosswise riveting and for other striking work. 2,147,687; Feb. 21.
Becker, Emil, Munich, Germany. Flush or countersunk riveting. 2,147,763; Feb. 21.
Becker, Emil, Munich, Germany. Quick connection for constructional elements. 2,172,827; Sept. 12.
Becker, Emil, Munich, Germany, assignor to J. E. Becker, Stoney Creek, Ontario, Canada. Electric motor, dynamo, and the like. 2,154,146; Apr. 11.

Becker, Ewald, Berlin-Steglitz, Germany, assignor to Askania-Werke A. G. Diaphragm cell actuator. 2,150,904; Mar. 21.
Becker, Frank V., Drexel Hill, Pa. Variable attenuation or gain control system. 2,182,192; Dec. 5.
Becker, Franz A. (See Rogowski, W., and Becker.)
Becker, Fred, Queens Village, assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,152,858; Apr. 4.
Becker, Frederick P., Chicago, Ill. Hydraulic shock absorber. 2,183,003; Dec. 12.
Becker, George L. (See Stutsman, Ohmer E.)
Becker, George W., Silver Lake, assignor, by mesne assignments, to The Dill Manufacturing Company, Cleveland, Ohio. Rubber valve stem for inner tubes and the like. 2,142,708; Jan. 3.
Becker, George W., Silver Lake, assignor, by mesne assignments, to The Firestone Tire & Rubber Company, Akron, Ohio. Inflatable rubber article. 2,143,837; Jan. 17.
Becker, Hans. (See Jenny, A., Budiloff, Becker, and Anton.)
Becker, Helmut, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. View finder for photographic cameras. 2,149,384; Mar. 7.
Becker, Helmut, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Transmission mechanism for photographic cameras. 2,160,818; June 6.
Becker, Helmut, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Film-guiding mechanism. 2,173,996; Sept. 26.
Becker, Helmut, and O. Sanger, assignors to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Roll film camera. 2,184,331; Dec. 26.
Becker, Howard I., Schenectady, N. Y., assignor to General Electric Company. Aircraft landing equipment. 2,151,549; Mar. 21.
Becker, John C., O. C., and E. J., Maywood, Ill., assignors to Everett Experimental and Development Company, Shanghai, China. Burglar alarm. 2,181,648; Nov. 28.
Becker, John E. (See Becker, Emil, assignor.)
Becker, John H., assignor to E. K. Davis, St. Louis, Mo. Stenographer's notebook cover and holder. 2,181,557; Nov. 28.
Becker, Joseph, Pittsburgh, Pa., assignor to Koppers Company. Coking retort oven. 2,163,168; June 20.
Becker, Joseph, assignor to Koppers Company, Pittsburgh, Pa. Coke oven structure. 2,180,857; Nov. 21.
Becker, Ormonde C. (See Becker, John C., O. C., and E. J.)
Becker, Oskar W., Heidelberg, assignor to firm of Naturin Gesellschaft mit beschränkter Haftung, Weinheim, Germany. Hardening structures produced from fibrous masses derived from animal hide substances. 2,157,319; May 9.
Becker, Oskar W., Hamburg, assignor, by mesne assignments, to Naturin Gesellschaft mit beschränkter Haftung, Weinheim, Germany. Method of and apparatus for making artificial sausage casings. 2,161,908; June 13.
Becker, Otto, Union City, N. J. Antifreezing support for ice trays. 2,178,387; Oct. 31.
Becker, Otto E., Los Angeles, Calif. Directional control indicator for steering gears. 2,147,598; Feb. 14.
Becker, Otto E., Los Angeles, Calif. Heated and illuminated steering wheel. 2,147,599; Feb. 14.
Becker, Paul G. (See Brown, M. D., and Becker, C. G., and P. G.)
Becker, Paul K., Glen Ellyn, assignor to National Pectin Products Company, Chicago, Ill. Container construction. 2,166,619; July 18.
Becker, Robert A., Sr., deceased (S. P. Becker, executor), and S. P. Becker, assignors to S. P. Becker, Poughkeepsie, N. Y. Wire splice. 2,158,892; May 16.
Becker, Rudolf. (See Pier, M., Simon, Becker, and Stoewener.)
Becker, Rudolph, North Plainfield, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Perforating machine. 2,145,207; Jan. 24.
Becker, Stephen P., executor. (See Becker, Robert A., Sr., and S. P.)
Becker, Stephen P., Poughkeepsie, N. Y. Gripping jaw for wire clamps. 2,161,694; June 6.
Becker, Stewart, Schenectady, N. Y., assignor to General Electric Company. High frequency receiving system. 2,148,287; Feb. 21.
Becker, Sylvan J., Lake Bluff, Ill., assignor to the Associated Spring Corporation, Bristol, Conn. Spring device. 2,169,787; Aug. 15.
Becker, Walter, Newark, N. J. Marble game. 2,182,577; Dec. 5.
Becker, Walter A., assignor to Old Dominion Box Company, Charlotte, N. C. Sealed shipping case. 2,149,720; Mar. 7.
Becker, Walter S., et al. (See Amidon, Roy C., assignor.)
Becker, Wilhelm. (See Hagen, H., Dennstedt, and Becker.)
Becker, Wilhelm. (See Schröter, R., and Becker.)
Becker, Wilhelm, Cologne-Mulheim, and A. Koch, Cologne-Deutz, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Rubber composition. 2,143,470; Jan. 10.
Becker, Wilhelm, Cologne-Muhlheim, O. Bayer, Leverkusen, and W. Harz, Dormagen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Shaped cellulose article. 2,148,894; Feb. 28.
Becker, Wilhelm, Cologne-Mulheim, O. Bayer, Leverkusen, and W. Harz, Dormagen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Shaped articles from cellulose. 2,148,895; Feb. 28.
Beckers, William G., Bolton, N. Y. Detergent composition. 2,169,829; Aug. 15.
Beckert & Co., Drahtstifte-, Schrauben- und Stahlindustrie-Aktiengesellschaft. (See Meersteiner, Johann, assignor.)
Beckert, Richard E., Revere, assignor to S. M. Spencer Mfg. Co., Boston, Mass. Stamping type holder. 2,147,480; Feb. 14.
Becket, Frederick M., New York, N, Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Stain resisting alloys. 2,144,713; Jan. 24.
Becket, Frederick M., New York, and R. Franks, Niagara Falls, N. Y., assignors to Electro Metallurgical Company. Nickel-chromium alloys. 2,145,020; Jan. 24.
Becket, Frederick M., New York, and R. Franks, Niagara Falls, N. Y., assignors to Electro Metallurgical Company. Steel. 2,158,651; May 16.
Becket, Frederick M., New York, and R. Franks, Niagara Falls, N. Y., assignors to Electro Metallurgical Company. Steel. 2,158,652; May 16.
Becket, Frederick M., New York, and R. Franks, Niagara Falls, N. Y., assignors to Electro Metallurgical Company. Chromium-nickel steel. 2,159,497; May 23.
Beckett, Clay C., Washington, D. C. Golf ball teeing device. 2,171,299; Aug. 29.
Beckett, Reginald W., Rocky River, assignor to Cleveland Steel Products Corp., Cleveland. Ohio. Oil burning apparatus. 2,161,220; June 6.
Beckett, Reginald W., Rocky River, assignor to Cleveland Steel Products Corp., Cleveland, Ohio. Oil burning apparatus. 2,161,221; June 6.
Beckett, Reginald W., Elyria, Ohio, assignor to Cleveland Steel Products Corp. Oil burning apparatus. 2,161,222; June 6.
Beckham, Noble N., et al. (See Walch, Jacob S., assignor.)
Beckham, William K., et al. (See Fuller, Cornell G., assignor.)
Beckham, William K., Columbia, and F. E. Armstrong, Greenville, assignors of one-third to C. G. Fuller, Barnwell, S. C. Road working machine. 2,142,262; Jan. 3.
Beckius, Antoine, Luxemburg, Luxemburg. Building suitable for countries liable to earthquakes. 2,166,577; July 18.
Beckjord, William E., St. Paul, Minn. Transmission. 2,164,487; July 4.
Beckler, Oakley K., Cisco, assignor of twenty-two and one-half per cent to M. H. Rowe, five per cent to J. A. Schley, Dallas, and seventy-two and one-half per cent to J. H. Reynolds, Cisco, Tex. Electric circuit breaker and cut-out. 2,148,600; Feb. 28.
Beckler, Oakley K., assignor of twenty-two and one-half percent to M. H. Rowe, Dallas, seventy-two and one-half percent to J. H. Reynolds, Cisco, and five percent to J. A. Schley, Dallas, Tex. Electrical circuit breaker. 2,159,368; May 23.
Beckman, Ernest E., assignor of one-half to W. D. Krehbiel, Lind, Wash. Welding machine. 2,163,657; June 27.
Beckman, Fred G., Muskogee, Okla. Apparatus for cleaning and pumping oil wells. 2,163,115; June 20.
Beckman, George O., Lodi, Calif., assignor to Super Mold Corporation of California. Tire vulcanizing mold. 2,147,081; Feb. 14.
Beckman, George O., Lodi, Calif., assignor to Super Mold Corporation of California. Applying recap rubber. 2,177,165; Oct. 24.
Beckman, George O., assignor to Super Mold Corporation, Lodi, Calif. Pressure plate attachment for retread mold. 2,181,558; Nov. 28.
Beckman, Lawrence, Erhard, Minn. Binder canvas slat protector. 2,178,388; Oct. 31.
Beckman, Rudolph H., Davenport, Iowa, assignor to French & Hecht, Incorporated. Wheel structure. 2,171,170; Aug. 29.
Beckman, Rudolph H., Davenport, Iowa, assignor to French & Hecht, Incorporated. Wheel structure. 2,173,195; Sept. 19.
Bechman, William O. (See Baker, D. B., Rogers, and Bechman.)
Beckmann, Jacob H., New York, N. Y. Safety garment hanger. 2,162,796; June 20.
Beckmann, Werner N., et al. (See Browning, James E., assignor.)
Beckner, Donald O., Bolton, Mass. Making knife units for meat cutters. 2,176,867; Oct. 24.
Beckstrom, Carl V., assignor to Deere & Company, Moline, Ill. Plow bottom. 2,145,915; Feb. 7.
Beckwith, Bernard J., assignor to George H. Meiser, Chicago, Ill. Aligner. 2,164,853; July 4.
Beckwith, Earl A., Ludlowville, N. Y. Corn grader. 2,156,716; May 2.
Beckwith, Lawton B. (See Bray, U. B., and Beckwith.)
Beckwith, Lawton B., San Pedro, Calif. Preventing corrosion of metallic objects. 2,158,771; May 16.
Beckwith, Lawton B., San Pedro, assignor to Union Oil Company of California, Los Angeles, Calif. Asphaltic coating and protecting pipe lines with same. 2,158,772; May 16.

Beckwith, Louis I. Brookline, Mass. Joint arrangement. 2,150,795; Mar. 14.
Beckwith, Louis I., Brookline, Mass. Brace and braced frame. 2,154,599; Apr. 18.
Becton Dickinson & Co. (See Brosnan, Timothy C., assignor.)
Becwar, Rudolph A., assignor to Galvin Manufacturing Corporation, Chicago, Ill. Automobile aerial. 2,161,736; June 6.
Bedard, Joseph W., Hoosick Falls, N. Y. Stitching machine. 2,159,722; May 23.
Beddoes, Hubert, assignor to Pacific Flush Tank Company, Chicago, Ill. Rotary distributor for sewage treatment systems. 2,181,932; Dec. 5.
Bedell, Elmer E., Southampton, N. Y. Fishing reel. 2,145,966; Feb. 7.
Bedell, Eual H., Hinsdale, Ill., and L. J. Sivian, East Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sound-absorbing unit. 2,160,638; May 30.
Bedell, James R., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Container. 2,180,858; Nov. 21.
Bedford, Alda V., et al. (See Rust, Mack D., assignor.)
Bedford, Alda V., Collingswood, N. J. Display apparatus and method. 2,174,561; Oct. 3.
Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Television system. 2,145,332; Jan. 31.
Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Television transmitter. 2,151,072; Mar. 21.
Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Television system. 2,164,297; June 27.
Bedford, Alda V., Collingswood, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Television system. 2,166,712; July 18.
Bedford, Alda V., Collingswood, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Picture transmitting system. 2,173,466; Sept. 19.
Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Television apparatus. 2,173,467; Sept. 19.
Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Television system. 2,178,218; Oct. 31.
Bedford, Alda V., Collingswood, N. J., assignor to Radio Corporation of America. Cathode ray deflecting circuits. 2,179,607; Nov. 14.
Bedford, Alda V., Collingswood, and K. J. Magnusson, Merchantville, N. J., assignors to Radio Corporation of America. Television camera apparatus. 2,162,908; June 20.
Bedford, Burnice D. (See Edwards, M. A., and Bedford.)
Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric circuit. 2,152,457; Mar. 28.
Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuits. 2,155,251; Apr. 18.
Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuits. 2,156,959; May 2.
Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuit. 2,157,812; May 9.
Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Thermostatic control of electron discharge apparatus. 2,167,472; July 25.
Bedford, Burnice D., Schenectady, N. Y., assignor to General Electric Company. Electric control and indicating means. 2,169,866; Aug. 15.
Bedford, James P., New York, N. Y. Vehicle directional signal. 2,148,428; Feb. 28.
Bedford, Robert H., New York, N. Y. Frozen material. 2,166,113; July 18.
Bedford, Robert H., Prince Rupert, British Columbia, Canada. Frozen material. 2,175,680; Oct. 10.
Bednarek, Frank, San Francisco, Calif. Machine tool feed controlling means. 2,169,351; Aug. 15.
Bedol, Harry A., Cleveland, Ohio. Shield for registers. 2,161,001; June 6.
Beebe, Alan P., assignor to Peninsular Grinding Wheel Co., Detroit, Mich. Grinding wheel. 2,164,560; July 4.
Beebe, Leslie W., Oak Park, assignor of one-half to D. W. Lewis, Glencoe, Ill. Electric igniter for gas burners. 2,155,524; Apr. 25.
Beebe, Raymond H., Bridgeport, Conn., assignor, by mesne assignments, to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Machine for and method of winding headlight coils. 2,162,498; June 13.
Beebe, Ward L., St. Paul, Minn. Refrigerating apparatus. 2,176,289; Oct. 17.
Beecher, Brazier K., Barberton, and W. F. Waldeck, Wadsworth, Ohio, assignors to Pittsburgh Plate Glass Company. Caustic solutions. 2,155,252; Apr. 18.
Beecher, Eugene L., Cleveland Heights, assignor to The Gabriel Company, Cleveland, Ohio. Shock absorber. 2,152,859; Apr. 4.
Beecher, Valentine, Greenville, N. Y. Pipe coupling. 2,167,865; Aug. 1.
Beecher, Valentine, Greenville, N. Y. Barrel-tapping apparatus. 2,173,529; Sept. 19.
Beech-Nut Packing Company. (See Cox, W. T., and Mitchell, assignors.)
Beech-Nut Packing Company. (See Galton, Landon C., assignor.)
Beech-Nut Packing Company. (See McBean, Douglas M., assignor.)
Beech-Nut Packing Company. (See West, William B., assignor.)
Beech-Nut Packing Company. (See Wooten, Carrol R., assignor.)
Beede, Robert J., Providence, assignor to Pantex Pressing Machine, Inc., Central Falls, R. I. Apparatus for drying and shaping the shoulders of garments. 2,184,375; Dec. 26.
Beegle, Clifford H., et al. (See McCandless, Lyon, assignor.)
Beegle, Raymond E., East St. Louis, Ill. Spike. 2,144,099; Jan. 17.
Beehler, Vernon D., Evanston, and R. D. McIntosh, River Forest, assignors to The Imperial Brass Manufacturing Company, Chicago, Ill. Tube bender. 2,171,907; Sept. 5.
Beekhuis, Herman A., Jr., Petersburg, Va., assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y. Production of alkali and alkaline earth metal nitrates. 2,148,429; Feb. 28.
Beekhuis, Herman A., Jr., Petersburg, Va., assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y. Treatment of mixtures of nitrosyl chloride and chlorine. 2,150,669; Mar. 14.
Beekhuis, Herman A., Jr., Petersburg, Va., assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y. Production of fertilizer. 2,155,372 Apr. 18.
Beekhuis, Herman A., Jr., Petersburg, Va., assignor to The Solvay Process Company, New York, N. Y. Producing a nitrate. 2,181,559; Nov. 28.
Beekley, Henry L., Glen Ellyn, and J. G. Whiting, Chicago, Ill., assignors to The Electrimatic Corporation. Automatic valve. 2,158,715; May 16.
Beekman, Everett W., and R. Hauhursin, Muncie, Ind. and E. E. Ward, Verona, N. J., assignors to General Motors Corporation, Detroit, Mich. Trimming and reaming machine. 2,171,262; Aug. 29.
Bee-Ko Company. (See Witherspoon, David J., assignor.)
Beeler, Charles F., Hamilton, Ohio. Air conditioning. 2,168,614; Aug. 8.
Beeler, Ivan E., Portland, Oreg. Door holder. 2,146,460; Feb. 7.
Beem, David J., Spencer, Ind. Shoe polish dauber. 2,179,735; Nov. 14.
Beeman, Clarence E., Corvallis, Oreg. Combined bench and blackboard. 2,159,517; May 23.
Beeman, Donald L., Scotia, N. Y., assignor to General Electric Company. Control of electric switches. 2,169,867; Aug. 15.
Beeman, Henry F., Denver, Colo. Cleaning nozzle. 2,143,296; Jan. 10.
Beeman, Henry F., Denver, Colo. Air conditioning apparatus. 2,157,519; May 9.
Beemer, Elias A. W., Langstaff, Ontario, assignor of one-half to M. H. Blandin, Toronto, Ontario, Canada. Seeding apparatus. 2,151,414; Mar. 21.
Beemer, Paul K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Motor vehicle. 2,154,558; Apr. 18.
Beeny, Herbert H. (See Lloyd, A. H., and Beeny.)
Beeny, Herbert H., Coventry, England, assignor to The Monarch Machine Tool Company, Sidney, Ohio. Hardening of metal surfaces. 2,157,948; May 9.
Beer Control Systems, Inc. (See Cohen, A., Morgan, and Goldstein, assignors.)
Beers, George L., Collingswood, N. J., assignor to Westinghouse Electric & Manufacturing Company. Electric amplifier. Re. 21,014; Feb. 28.
Beers, George L., Collingswood, N. J., assignor to Radio Corporation of America. Automatic selective fading control circuit. 2,144,605; Jan. 24.
Beers, George L., Collingswood, N. J., assignor to Radio Corporation of America. Volume range expansion system. 2,145,333; Jan. 31.
Beers, George L., Collingswood, N. J., assignor to Radio Corporation of America. Television transmitter. 2,165,778; July 11.
Beers, George L., Collingswood, N. J., assignor to Radio Corporation of America. Tuning control system for high fidelity receivers. 2,166,675; July 18.
Beers, George L., Haddonfield, N. J., assignor to Radio Corporation of America. Indicating and switching apparatus. 2,149,829; Mar. 7.
Beers, George L., Haddonfield, N. J., assignor to Westinghouse Electric & Manufacturing Company. Electric wave reception. 2,169,018; Aug. 8.
Beers, George L., Merchantville, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Signal receiving system. 2,179,974; Nov. 14.
Beers, Joseph L., Bloomfield, N. J., and H. J. Straussberger, assignors to Julius Kayser & Co., Brooklyn, N. Y. Hosiery and making the same. 2,145,471; Jan. 31.
Beers, Joseph L., Bloomfield, N. J., and H. J. Straussberger, assignors to Julius Kayser & Co., Brooklyn, N. Y. Making hosiery. 2,145,472; Jan. 31.

Beers, Joseph L., Bloomfield, N. J., and H. J. Straussberger, assignors to Julius Kayser & Co., Brooklyn, N. Y. Making hosiery. 2,170,615; Aug. 22.
Beers, Royce L., Birmingham, assignor to Detroit Stoker Company, Monroe, Mich. Furnace. 2,150,481; Mar. 14.
Beersman, Charles G., Evanston, Ill. Connecter. 2,143,342; Jan. 10.
Beery, Joseph E., Columbus, Ohio. Bed commode. 2,157,394; May 9.
Beese, Norman C., Verona, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Luminescent discharge lamp and coating therefor. 2,151,496; Mar. 21.
Beeston, John P., assignor to Automotive Products Company Limited, London, England. Liquid pressure braking system for vehicles. 2,182,463; Dec. 5.
Beetlestone, Andrew, Timperly, and F. Waterton, Ashton-on-Mersey, England, assignors to General Electric Company. Electrical resistor. 2,147,481; Feb. 14.
Beggs, George E., Princeton, N. J. Load maintainer for materials testing apparatus. 2,167,328; July 25.
Beggs, James E., Schenectady, N. Y., assignor to General Electric Company. Automatic fidelity control. 2,156,076; Apr. 25.
Beggs, James E., Schenectady, N. Y., assignor to General Electric Company. Automatic selectivity control. 2,156,077; Apr. 25.
Beggs, James E., Schenectady, N. Y., assignor to General Electric Company. Radio receiving apparatus. 2,156,078; Apr. 25.
Beggs, James E., Schenectady, N. Y., assignor to General Electric Company. Electrical discharge device. 2,156,079; Apr. 25.
Beggs, James E., Schenectady, N. Y., assignor to General Electric Company. Glass-to-metal seal. 2,174,374; Sept. 26.
Beggs, James E., Schenectady, N. Y., assignor to General Electric Company. Tube base and socket. 2,174,682; Oct. 3.
Beggs, James E., Scotia, N. Y., assignor to General Electric Company. Glass-to-metal seal. 2,174,375; Sept. 26.
Beggs, James E., and W. E. Birchard, Schenectady, N. Y., assignors to General Electric Company. Electric discharge apparatus. 2,151,580; Mar. 21.
Beggs, Joseph S. (See Tuttle, F., and Beggs.)
Beggs, Joseph S., assignor to Eastman Kodak Company, Rochester, N. Y. Removable camera bed and attaching means therefor. 2,172,237; Sept. 5.
Beggs, Ray P., assignor to G. W. Hassell, Oklahoma City, Okla. Metallic ladder. 2,183,251; Dec. 12.
Beglinger, Edward. (See Sherrard, E. C., Beglinger, Hohf, and Bateman.)
Beglinger, Edward. (See Sherrard, E. C., Beglinger, Hohf, Mitchell, and Bateman.)
Begood, Angelo, assignor of one-half to R. Tacardon, New York, N. Y. Double spinning top. 2,142,299; Jan. 3.
Begun, Semi, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electromagnetic recording arrangement. 2,151,889; Mar. 28.
Begun, Semi, New York, N. Y., assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electromagnetic recording arrangement. 2,167,273; June 6.
Begun, Semi J., assignor, by mesne assignments, to Carll Tucker, New York, N. Y. Signal transmitting system. 2,166,517; July 18.
Behncke, Hermann. (See Maier-Bode, H., Brodersen, and Behncke.)
Behne, Rudolf. (See Flechsig, W., and Behne.)
Behne, Rudolf, Berlin-Lichterfelde, and H. Hinderer, Berlin-Zehlendorf, assignors to the firm Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Fluorescent screen for cathode ray tubes. 2,155,465; Apr. 25.
Behney, Mason F. (See Hart, D. W., and Behney.)
Behnisch, Robert, J. Klarer, and F. Mietzsch, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Sulphonic acid amide compounds. 2,169,971; Aug. 15.
Behnke, Edward C., Chicago, Ill. Line securing device. 2,142,776; Jan. 3.
Behnke, George W., Durand, Mich. Turn-over device. 2,160,581; May 30.
Behnke, Max O., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lock. 2,182,307; Dec. 5.
Behnsen, Karl. (See Merges, H. A., and Behnsen.)
Behr, Gustave E., assignor to National Lead Company, New York, N. Y. Refining of white metals. 2,150,353; Mar. 14.
Behr, Gustave E., assignor to National Lead Company, New York, N. Y. Purification of lead and alloys thereof. 2,183,420; Dec. 12.
Behr-Manning Corporation. (See Amstuz, John O., assignor.)
Behr-Manning Corporation. (See Bell, Andrew F., assignor.)
Behr-Manning Corporation. (See Hoogstoel, Leon E., assignor.)
Behr-Manning Corporation. (See Meston, Archibald F., assignor.)
Behr-Manning Corporation. (See Meston, A. F., and Wintermute, assignors.)
Behr-Manning Corporation. (See Oglesby, Nicholas E., assignor.)
Behr-Manning Corporation. (See Redman, Lawrence V., assignor.)
Behr-Manning Corporation. (See Schacht, E. C., and Oglesby, assignors.)
Behr-Manning Corporation. (See Wintermute, Harry A., assignor.)
Behr, Otho M., Redondo Beach, assignor to Vegetable Oil Products Company, Inc., Los Angeles, Calif. Treating fatty oils. 2,166,103; July 18.
Behr, Siegfried, Flushing, assignor to Ben Hur Products, Inc., New York, N. Y. Brush comb with curler. 2,181,448; Nov. 28.
Behr, Siegfried, Flushing, assignor to Ben Hur Products, Inc., New York, N. Y. Curler comb. 2,181,472; Nov. 28.
Behrend, Victor, Neponsit, N. Y. Toy balloon. 2,161,274; June 6.
Behrens, Henry J., M. H. Bemis, E. R. Greer, and A. E. Morrison, assignors to Rotary Snow Plow Company, Minneapolis, Minn. Motor-equipped snow plow. 2,152,860; Apr. 4.
Behrens, Herbert C., assignor to Duplex Printing Press Company, Battle Creek, Mich. Matrix rolling machine. 2,150,711; Mar. 14.
Behrens, Herbert C., assignor to The Duplex Printing Press Company, Battle Creek, Mich. Ink fountain. 2,157,587; May 9.
Behrens, Herbert C., assignor to Duplex Printing Press Company, Battle Creek, Mich. Printing press. 2,178,465; Oct. 31.
Behrens, Walter A., New York, assignor to Ideal Fastener Corporation, Brooklyn, N. Y. Slider. 2,160,819; June 6.
Behrens, Walter A., New York, assignor to Ideal Fastener Corporation, Brooklyn, N. Y. Top stop for slide fasteners. 2,164,488; July 4.
Behringer, Heinrich. (See Losch, J. Walter, Behringer, and Schlottig.)
Behrisch, Hans, et al. (See Wirth, Robert, assignor.)
Behrman, Robert, Philadelphia, Pa. Detergent generator for washing machines. 2,178,735; Nov. 7.
Behrsin, August, Huntington Park, Calif. Oil burner. 2,181,500; Nov. 28.
Beiderman, Edward G., assignor to General Motors Corporation, Detroit, Mich. Spot welder. 2,144,790; Jan. 24.
Beiderman, Edward G., assignor to General Motors Corporation, Detroit, Mich. Welding machine. 2,163,930; June 27.
Beidler, George C., Rochester, N. Y. Sensitizing coating machine. 2,185,049; Dec. 26.
Beiersdorf, Hans, Berlin-Dahlem, Germany. Door tension device for motor vehicles. 2,158,893; May 16.
Beil, Forrest F., assignor to Curtis Companies Incorporated, Clinton, Iowa. Circle window. 2,158,395; May 16.
Beil, Forrest F., and E. E. Green, assignors, by mesne assignments, to Curtis Companies Incorporated, Clinton, Iowa. Doorframe construction. Re. 21,001; Feb. 14.
Beil, Forrest F., and E. E. Green, assignors to Curtis Companies Incorporated, Clinton, Iowa. Door frame construction. 2,183,879; Dec. 19.
Beil, Forrest F., and S. Madsen, assignors to Curtis Companies Incorporated, Clinton, Iowa. Window structure for basements and the like. 2,177,201; Oct. 24.
Beilenson, Bernard, Harrow, England, assignor to Eastman Kodak Company, Rochester, N. Y. Dyes and the preparation thereof. 2,179,990; Nov. 14.
Beimann, Elizabeth, administratrix. (See Beimann, Wilhelm.)
Beimann, Wilhelm, deceased; E. Beimann, Bochum, Germany, administratrix, assignor, by mesne assignments, to the firm Otto-Wilputte Ovenbouw Maatschappij N. V., The Hague, Netherlands. Coke oven door. 2,158,491; May 16.
Beisel, Rex B., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Airplane control device. 2,181,501; Nov. 28.
Beisel, Rex B., and A. L. MacClain, West Hartford, assignors to The United Aircraft & Transport Corporation, East Hartford, Conn. Air regulating means. 2,168,599; Aug. 8.
Beisler, Walter H., Towson, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Coating composition. 2,151,006; Mar. 21.
Beisser, Charlotte, administratrix. (See Beisser, Georg.)
Beisser, Georg, deceased; Charlotte Beisser, administratrix, Hamburg-Rahlstedt, Germany. Apparatus for automatically indicating the weight of the pickling brine to be supplied to meat for the purpose of pickling the latter. 2,148,923; Feb. 28.
Beiswenger, Gustav A. (See Whiteley, J. M., and Beiswenger.)
Beiter, Frank, New York, N. Y. Hairpin. 2,161,946; June 13.
Beitzel, Horace C. (See Paulsen, T. R., and Beitzel.)
Bekius, Nicholas. (See Irwin, R. W., and Bekius.)
Bekk & Kaulen Chemische Fabrik G. m. b. H. (See Görig, Josef, assignor.)
Belaef, Nikolai, assignor to Mason-Neilan Regulator Company, Boston, Mass. Self-stabilizing control mechanism. 2,176,603; Oct. 17.

Belanger, Albert P. D., assignor to Burgess Battery Company, Chicago, Ill. Making designs in relief. 2,173,349; Sept. 19.
Belar, Herbert, Philadelphia, Pa., assignor to Radio Corporation of America. Sound reproducing apparatus. 2,152,173; Mar. 28.
Belar, Herbert, Philadelphia, Pa., assignor to Radio Corporation of America. Electrical control circuit. 2,167,062; July 25.
Belar, Herbert, Philadelphia, Pa., assignor to Radio Corporation of America. Method and apparatus for sound recording. 2,173,222; Sept. 19.
Belar, Herbert, Philadelphia, Pa., assignor to Radio Corporation of America. Phonograph. 2,173,223; Sept. 19.
Belar, Herbert, Philadelphia, Pa., assignor to Radio Corporation of America. Photoelectric cell reproducer. 2,178,219; Oct. 31.
Belar, Herbert, Philadelphia, Pa., assignor to Radio Corporation of America. Acoustical measuring device. 2,184,542; Dec. 26.
Belcher, Clarence F. (See Lulek, R. N., and Belcher.)
Belcher, Daniel, assignor to Bemis Bro. Bag. Co., Minneapolis, Minn. Flour packer. 2,142,990; Jan. 10.
Belcher, George E., Company. (See Estey, Frederick W., assignor.)
Belcher Hinge Company. (See Reinhardt, Louis W., assignor.)
Belcher, Walter E., assignor to Electrical Safety Appliance Co. Inc., Seattle, Wash. Electric toaster. 2,151,401; Mar. 21.
Belden, Albert G. (See Indge, H. S., and Belden.)
Belden, Albert G., and C. G. Flygare, assignors to Norton Company, Worcester, Mass. Hydraulically operated surface-grinding machine. 2,171,519; Sept. 5.
Belden Manufacturing Company. (See Andre, Gustaf E., assignor.)
Belden Manufacturing Company. (See Turner, Russell J., assignor.)
Belden Manufacturing Company. (See Wermine, Hugo H., assignor.)
Belding, John. (See Smith, R. P., and Belding.)
Belfield, H., Company. (See Goehring, Francis R., assignor.)
Belfield, William A., Philadelphia, Pa. Propeller. 2,145,413; Jan. 31.
Belflex Corporation, The. (See Flickinger, Dale B., assignor.)
Belgau, Robert C., Miami, Fla. Internal combustion manifold system. 2,150,905; Mar. 21.
Beliaeff, Stephen B., Malverne, N. Y. Hair waving device. 2,180,388; Nov. 21.
Beliaeff, Stephen B., Malverne, N. Y. Hair waving or curling device. 2,183,275; Dec. 12.
Belian, Anthony M., Detroit, Mich. Bed or seat cover or cushion. 2,184,808; Dec. 26.
Belits, William A., Dumont, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Strand-winding machine. 2,171,119; Aug. 29.
Belknap, Joel R., South Charlestown, W. Va. Device for separating carbonaceous materials. 2,151,007; Mar. 21.
Belknap, William L., Stratford, and E. L. Meyer, Bridgeport, Conn. Display sign. 2,152,623; Apr. 4.
Belknap, William L., Stratford, and E. L. Meyer, Bridgeport, Conn. Illuminated display sign and decorative element. 2,176,117; Oct. 17.
Bell, Alfred B., assignor to Heywood-Wakefield Company, Gardner, Mass. Reversible seat-back base. 2,154,600; Apr. 18.
Bell, Alfred B., Gardner, Mass. Printer's type cabinet. 2,184,111; Dec. 19.
Bell, Andrew F., assignor to Behr-Manning Corporation, Troy, N. Y. Razor blade sharpener. 2,177,922; Oct. 31.
Bell, Charles H., and L. S. Deitz, Jr., Westfield, N. J., and A. I. Stein, Brooklyn, assignors to Nassau Smelting and Refining Company, Incorporated, New York, N. Y. Metallic alloy. 2,180,137; Nov. 14.
Bell, Charles W., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,156,673; May 2.
Bell, Charles W., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Switch control and indication system. 2,159,518; May 23.
Bell, Charles W., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,171,738; Sept. 5.
Bell, Charles W., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,174,253; Sept. 26.
Bell, Dan H., Pittsburgh, Pa., assignor to Transit Research Corporation, New York, N. Y. Car floor construction. 2,165,691; July 11.
Bell, David A., Chelmsford, England, assignor to Radio Corporation of America. Thermionic oscillation generator. 2,149,721; Mar. 7.
Bell, David A., Great Baddow, Chelmsford, England, assignor to Radio Corporation of America. Frequency divider. 2,154,484; Apr. 18.
Bell, David A., Great Baddow, Chelmsford, England, assignor to Radio Corporation of America. Inductance device. 2,174,346; Sept. 26.
Bell, Eddie, Jacksonville, Fla. Apparatus for destroying and removing marine growths which impede navigation. 2,181,863; Dec. 5.
Bell, Edward B., Lowell, Mass., assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Waterproofing fibrous material. 2,182,045; Dec. 5.
Bell, George W., Detroit, Mich. Suspension of automobiles and like vehicles. 2,150,576; Mar. 14.
Bell, Harman B., Jr., U. S. Navy. Nonfreezing windshield wiper. 2,153,544; Apr. 11.
Bell, Harry H., Sr. (See Rainwater, Jesse M., assignor.)
Bell, Harry R., Chicago, Ill. Photographic film processing apparatus. 2,142,881; Jan. 3.
Bell, Harry W., assignor to Durable Mat Company, Seattle, Wash. Mat construction. 2,142,832; Jan. 3.
Bell & Howell Company, The. (See Howell, Albert S., assignor.)
Bell & Howell Company, The. (See Stechbart, Bruno, assignor.)
Bell & Howell Company, The. (See Stechbart, B., and Brueske, assignors.)
Bell, Joe A. (See Fortney, F. W., and Bell.)
Bell, John M., Chester, S. C. Viscosimeter. 2,168,386; Aug. 8.
Bell, Joseph D., San Francisco, Calif. Convertible couch. 2,173,641; Sept. 19.
Bell, Leon M., Portsmouth, Ohio. Barrel sput. 2,149,906; Mar. 7.
Bell, Leroy V., Wakefield, R. I. Lathing. 2,168,466; Aug. 8.
Bell, Milo C. (See Holmes, H. B., Blood, and Bell.)
Bell Punch Company Limited. (See Webb, Christopher F., assignor.)
Bell, Ralph L., Raspeburg, assignor to The Glenn L. Martin Company, Baltimore, Md. Automatic electrical switch. 2,144,957; Jan. 24.
Bell, Robert A., Montclair, assignor to The Rajah Company, Bloomfield, N. J. Spark plug. 2,147,730; Feb. 21.
Bell, Robert A., Montclair, assignor to The Rajah Company, Bloomfield, N. J. Coupling device. 2,156,272; May 2.
Bell, Samuel J., assignor to A. S. Hall, Springfield, Mass. Vegetable dicing, slicing, and shredding machine. 2,153,407; Apr. 4.
Bell, Sidney R., Stamford, Conn. Toy typewriter. 2,149,264; Mar. 7.
Bell, Sidney R., Stamford, Conn. Toy typewriter. 2,157,108; May 9.
Bell Telephone Laboratories, Incorporated. (See Abraham, Leonard G., assignor.)
Bell Telephone Laboratories, Incorporated. (See Allen, Lawrence H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Allen, Louis M., assignor.)
Bell Telephone Laboratories, Incorporated. (See Aiken, Charles B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Anderson, Frithiof B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Anderson, F. B., Clement, and Wilson, assignors.)
Bell Telephone Laboratories, Incorporated. (See Atkins, George E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bachelet, A. E., assignor, and Holden.)
Bell Telephone Laboratories, Incorporated. (See Bailey, Arnold B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Baillard, H., and Pike, assignors.)
Bell Telephone Laboratories, Incorporated. (See Baker, C. I., Mueller, and Redmond, assignors.)
Bell Telephone Laboratories, Incorporated. (See Baldwin, Millard W., Jr., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bascom, Henry M., assignor.)
Bell Telephone Laboratories, Incorporated. (See Baumfalk, J., Bennett and Wright, assignors.)
Bell Telephone Laboratories Incorporated. (See Beach, William C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bedell, E. H., and Sivian, assignors.)
Bell Telephone Laboratories, Incorporated. (See Belits, William A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Benning, Harvey H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bieling, Carl A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bishop, Walter M., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bjornson, Bjorn G., assignor.)
Bell Telephone Laboratories. Incorporated. (See Bjornson, B. G., and Bryant, assignors.)
Bell Telephone Laboratories, Incorporated. (See Black, Harold S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Black, Knox C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Black, K. C., and Blair, assignors.)
Bell Telephone Laboratories, Incorporated. (See Blair, Royer R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bleicher, Otto C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Blount, Frank E., assignor.)

Bell Telephone Laboratories, Incorporated. (See Bouton, G. M., and Schumacher, assignors.)
Bell Telephone Laboratories, Incorporated. (See Bowen, Arnold E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bowne, Langford J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bredehoft, Harold A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Brobst, David R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Broughton, William W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Bruce, Edmond, assignor.)
Bell Telephone Laboratories, Incorporated. (See Bryant, Herbert W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Burton, Everett T., assignor.)
Bell Telephone Laboratories, Incorporated. (See Calbick, Chester J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Campbel, M. E., and West, assignors.)
Bell Telephone Laboratories, Incorporated. (See Carpenter, W. W., and Mallina, assignors.)
Bell Telephone Laboratories, Incorporated. (See Caruthers, Robert S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Chaffee, Joseph G., assignor.)
Bell Telephone Laboratories, Incorporated. (See Chesnut, Roy W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Christensen, Carl J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Christensen, C. J., Goucher, and Wehe, assignors.)
Bell Telephone Laboratories, Incorporated. (See Clark, J. E., and Ronci, assignors.)
Bell Telephone Laboratories, Incorporated. (See Clarke, Walter J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Collis, R. E., and Newsom, assignors.)
Bell Telephone Laboratories, Incorporated. (See Corwin, T. L. and Hysko, assignors.)
Bell Telephone Laboratories, Incorporated. (See Coutlee, Kenneth G., assignor.)
Bell Telephone Laboratories, Incorporation. (See Cramer, Walter W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Cramer, W. W., and Cummings, assignors.)
Bell Telephone Laboratories, Incorporated. (See Cramer, W. W., and Fitch, assignors.)
Bell Telephone Laboratories, Incorporated. (See Cruser, Victor I., assignor.)
Bell Telephone Laboratories, Incorporated. (See Cummings, George C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Cummings, G. C., and Hearn, assignors.)
Bell Telephone Laboratories, Incorporated. (See Curtis, Austen M., assignor.)
Bell Telephone Laboratories, Incorporated. (See Cushman, R. A., Smith, and Specht, assignors.)
Bell Telephone Laboratories, Incorporated. (See Darlington, Sidney, assignor.)
Bell Telephone Laboratories, Incorporated. (See Darnell, Paul S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Davey, J. R., and Hysko, assignors.)
Bell Telephone Laboratories, Incorporated. (See Davis, Kingsbury H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Dehmel, Richard C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Dehn, J. W., and Myers, assignors.)
Bell Telephone Laboratories, Incorporated. (See De Lange, Owen E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Depew, C., and Ronci, assignors.)
Bell Telephone Laboratories, Incorporated. (See D'heedene, Albert R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Dickieson, A. C., and Fisher, assignors.)
Bell Telephone Laboratories, Incorporated. (See Dietz, Alfred E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Dimond, Thomas L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Doba, Stephen, Jr., assignor.)
Bell Telephone Laboratories, Incorporated. (See Dring, Arthur W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Dowd, Andrew D., assignor.)
Bell Telephone Laboratories, Incorporated. (See Dudley, Homer W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Ellis, William C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Elmer, Lloyd A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Evans, W. A., and Werring, assignors.)
Bell Telephone Laboratories, Incorporated. (See Fair, Irvin E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Fay, Clifford E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Ferrell, Enoch B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Field, Joseph C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Fisher, Earl L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Fisher, Harold J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Fitch, Karl E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Forsberg, Oscar F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Fry, Jacob R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Gent, Edgar W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Gibson, Earl S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Gilbert, John J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Given, Frederick J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Glass, Myron S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Glass, M. S., and Hale, assignors.)
Bell Telephone Laboratories, Incorporated. (See Goddard, Myron C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Goodrum, Charles L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Goodrum, C. L., Hinrichsen, and Keller, assignors.)
Bell Telephone Laboratories, Incorporated. (See Gray, Frank, assignor.)
Bell Telephone Laboratories, Incorporated. (See Gray, J. H., and Kent, assignors.)
Bell Telephone Laboratories, Incorporated. (See Graham, Frank H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Gray, Frank, assignor.)
Bell Telephone Laboratories, Incorporated. (See Green, Estill I., assignor.)
Bell Telephone Laboratories, Incorporated. (See Grenell, Arthur F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Grisdale, Richard O., assignor.)
Bell Telephone Laboratories, Incorporated. (See Halligan, Clair W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hampton, L. N., and Shangle, assignors.)
Bell Telephone Laboratories, Incorporated. (See Hardesty, J. M., and Sutton, assignors.)
Bell Telephone Laboratories, Incorporated. (See Harrison, Henry C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hartley, Ralph V. L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hearn, Richard B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Heising, Raymond A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hersey, Ralph E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hickman, Clarence N., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hight, Stuart C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hochgraf, Lester, assignor.)
Bell Telephone Laboratories, Incorporated. (See Holden, William H. T., assignor.)
Bell Telephone Laboratories, Incorporated. (See Horton, Arthur W., Jr., assignor.)
Bell Telephone Laboratories, Incorporated. (See Hovgaard, O. M., and Koerner, assignors.)
Bell Telephone Laboratories, Incorporated. (See Hovland, Henry, assignor.)
Bell Telephone Laboratories, Incorporated. (See Hoyt, F. A., and Mills, assignors.)
Bell Telephone Laboratories, Incorporated. (See Hubbard, Francis A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Huber, George H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Ives, Herbert E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Johnson, John B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Johnston, D. F., and Shiel, assignors.)
Bell Telephone Laboratories, Incorporated. (See Jutson, R. P., and Larew, assignors.)
Bell Telephone Laboratories, Incorporated. (See Kalin, Walter, assignor.)
Bell Telephone Laboratories, Incorporated. (See Kannenberg, Walter F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Keckler, C. W., and Raynsford, assignors.)
Bell Telephone Laboratories, Incorporated. (See Keller, Arthur C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Kemp, A. R., and Malm, assignors.)
Bell Telephone Laboratories, Incorporated. (See King, A. P., and Bowen, assignors.)
Bell Telephone Laboratories, Incorporated. (See King, Kenneth L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Kingsbury, E. F., and Reeve, assignors.)

Bell Telephone Laboratories, Incorporated. (See Kinkead, Fullerton S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Kinkead, F. S., assignor, and Singer.)
Bell Telephone Laboratories, Incorporated. (See Kircher, Reymond J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Knowlton, Clarence S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Koechling, Charles D., assignor.)
Bell Telephone Laboratories, Incorporated. (See Kohman, Girard T., assignor.)
Bell Telephone Laboratories, Incorporated. (See Krom, Myron E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Kuntz, Frank A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Laico, Joseph P., assignor.)
Bell Telephone Laboratories, Incorporated. (See Lakatos, Emory, assignor.)
Bell Telephone Laboratories, Incorporated. (See Legg, Victor E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Lewis, Herbert A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Liebe, Frank A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Llewellyn, Frederick B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Logan, Mason A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Lovell, Clarence A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Lundstrom, Alexis A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Lunsford, Robert L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Mallina, Rudolph F., assignor.)
Bell Telephone Laboratories, Incorporately. (See Manley, Jack M., assignor.)
Bell Telephone Laboratories, Incorporated. (See Mason, Warren P., assignor.)
Bell Telephone Laboratories, Incorporated. (See Mason, W. P., and Sykes, assignors.)
Bell Telephone Laboratories, Incorporated. (See Massonneau, Robert F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Mathes, Robert C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Matthies, William H., assignor.)
Bell Telephone Laboratories, Incorporated. (See May, David T., assignor.)
Bell Telephone Laboratories, Incorporated. (See McIntosh, Frank H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Meacham, Larned A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Mendenhall, Hallam E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Mertz, Pierre, assignor.)
Bell Telephone Laboratories, Incorporated. (See Meszar, John, assignor.)
Bell Telephone Laboratories, Incorporated. (See Meyers, Stanley T., assignor.)
Bell Telephone Laboratories, Incorporated. (See Miller, Daniel D., assignor.)
Bell Telephone Laboratories, Incorporated. (See Miller, Ohmer R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Miller, Ralph L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Mitchell, Doren, assignor.)
Bell Telephone Laboratories, Incorporated. (See Monk, Newton, assignor.)
Bell Telephone Laboratories, Incorporated. (See Morrison, John F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Morton, Edmund R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Mott, Edward E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Mougey, Wilbur E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Newby, Neal D., assignor.)
Bell Telephone Laboratories, Incorporated. See Newson, James B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Nix, Foster C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Norman, Nathaniel C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Norton, Frank R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Norwine, Andrew C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Nyquist, Harry, assignor.)
Bell Telephone Laboratories, Incorporated. (See Och, Henry G., assignor.)
Bell Telephone Laboratories, Incorporated. (See Owendoff, Harold M., assignor.)
Bell Telephone Laboratories, Incorporated. (See Pearson, Gerald L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Peek, Robert L., Jr., assignor.)
Bell Telephone Laboratories, Incorporated. (See Pfannenstiehl, Harry, assignor.)
Bell Telephone Laboratories, Incorporated. (See Perreault, George E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Peterson, Eugene, assignor.)
Bell Telephone Laboratories, Incorporated. (See Peterson, Liss C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Pierce, John R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Pierce, N. J., and Polkinghorn, assignors.)
Bell Telephone Laboratories, Incorporated. (See Pratt, Edward J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Prescott, Charles H., Jr., assignor.)
Bell Telephone Laboratories, Incorporated. (See Price, Arnold F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Pritchard, William T., assignor.)
Bell Telephone Laboratories, Incorporated. (See Pruden, Harold M., assignor.)
Bell Telephone Laboratories, Incorporated. (See Pullis, George A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Rea, Wilton T., assignor.)
Bell Telephone Laboratories, Incorporated. (See Reynolds, Frederick W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Riesz, Robert R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Ring, D. H., and Wintringham, assignors.)
Bell Telephone Laboratories, Incorporated. (See Rockwood, George H., Jr., assignor.)
Bell Telephone Laboratories, Incorporated. (See Rodwin, George, assignor.)
Bell Telephone Laboratories, Incorporated. (See Rogers, Karl F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Romnes, Haakon I., assignor.)
Bell Telephone Laboratories, Incorporated. (See Ronci, Victor L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Ronci, V. L., and West, assignors.)
Bell Telephone Laboratories, Incorporated. (See Rose, Charles F. P., assignor.)
Bell Telephone Laboratories, Incorporated. (See Rosene, Victor E., assignor.)
Bell Telephone Laboratories, Incorporated. (See St. John, Everett, assignor.)
Bell Telephone Laboratories, Incorporated. (See Samuel, Arthur L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Saul, George N., assignor.)
Bell Telephone Laboratories, Incorporated. (See Schafer, Arthur H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Schelkunoff, Sergei A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Schott, Lionel, assignor.)
Bell Telephone Laboratories, Incorporated. (See Schott, L., and Wright, assignors.)
Bell Telephone Laboratories, Incorporated. (See Schramm, Charles W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Schreiner, Louis R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Scott, Herbert J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Shangle, Amos H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Shetzline, Roy A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Singer, Fred J., assignor.)
Bell Telephone Laboratories, Incorporated. (See Skellett, Albert M., assignor.)
Bell Telephone Laboratories, Incorporated. (See Slade, Benjamin, assignor.)
Bell Telephone Laboratories, Incorporated. (See Smith, George O., assignor.)
Bell Telephone Laboratories, Incorporated. (See Southworth G. C., and King, assignors.)
Bell Telephone Laboratories, Incorporated. (See Sowers, Nelson E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Stevenson, George H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Stibitz, George R., assignor.)
Bell Telephone Laboratories, Incorporated. (See Swart, Leland K., assignor.)
Bell Telephone Laboratories, Incorporated. (See Swenson, Paul W., assignor.)
Bell Telephone Laboratories, Incorporated. (See Sykes, Roger A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Taylor, C. C., and Wright, assignors.)
Bell Telephone Laboratories, Incorporated. (See Teal, Gordon K., assignor.)
Bell Telephone Laboratories, Incorporated. (See Teal, Gordon K., assignor.)
Bell Telephone Laboratories, Incorporated. (See Thuras, Albert L., assignor.)
Bell Telephone Laboratories, Incorporated. (See Toomey, John F., assignor.)

Bell Telephone Laboratories, Incorporated. (See Trucksess, Davis E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Vaughan, Henry E., assignor.)
Bell Telephone Laboratories, Incorporated. (See Vieth, L., Wiebusch, and Yenzer, assignors.)
Bell Telephone Laboratories, Incorporated. (See Vroom, Edward, assignor.)
Bell Telephone Laboratories, Incorporated. (See Wagar, Harold N., assignor.)
Bell Telephone Laboratories, Incorporated. (See Weaver, Myron A., assignor.)
Bell Telephone Laboratories, Incorporated. (See Wente, Edward C., assignor.)
Bell Telephone Laboratories, Incorporated. (See Wentz, Jesse F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Wheeler, Clyde H., assignor.)
Bell Telephone Laboratories, Incorporated. (See Whittle, Horace, assignor.)
Bell Telephone Laboratories, Incorporated. (See Wiebusch, Charles F., assignor.)
Bell Telephone Laboratories, Incorporated. (See Wilson, Ira G., assignor.)
Bell Telephone Laboratories, Incorporated. (See Windeler, Alfred S., assignor.)
Bell Telephone Laboratories, Incorporated. (See Wintringham, William T., assignor.)
Bell Telephone Laboratories, Incorporated. (See Wurmser, Alphons V., assignor.)
Bell Telephone Laboratories, Incorporated. (See Zupa, Frank A., assignor.)
Bell, Thomas W., and T. C. Rogers, Parkersburg, W. Va. Wire line clamp. 2,183,904; Dec. 19.
Bell, William D., Columbus, assignor to The Cleveland Heater Company, Cleveland, Ohio. Apparatus for controlling flow of fuel to a heating device. 2,157,109; May 9.
Bell, William E., assignor of one-half to C. C. Cummings, Paducah, Ky. Device for setting and timing locomotive valves. 2,184,449; Dec. 26.
Bell, William L., San Francisco, assignor to G. H. Chick, Oakland, Calif. Orthopedic apparatus. 2,150,314; Mar. 14.
Bell, William L., Oakland, Calif. Spinal brace. 2,181,689; Nov. 28.
Bell, William W., Tenafly, N. J., assignor to Celluloid Corporation. Match. 2,160,115; May 30.
Bellah, George R., West Arcadia, Calif. Door hook mounting. 2,166,620; July 18.
Bellamy, Gervas E., Bethel, and M. C. Jett, Kansas City, Kans. Seeder. 2,185,021; Dec. 26.
Bellamy, Harry T., Evanston, Ill. Heater and burner therefor. 2,168,758; Aug. 8.
Bellamy, John I. (See Robinson, H. C., Bellamy, and Nelson.)
Bellamy, John I., Brookfield, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Stock quotation system. 2,158,101; May 16.
Bellamy, John I., Brookfield, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Stock quotation system. 2,179,736; Nov. 14.
Bellegante, Jim, Glenns Ferry, Idaho. Reel attachment for hay mowers. 2,169,628; Aug. 15.
Bellemore, Albert J., Everett, Mass. Spark plug. 2,143,048; Jan. 10.
Beller, Hans, and J. J. Owen, Baton Rouge, La. Purified alcohol sulphates and making the same. 2,149,265; Mar. 7.
Bellfort, David, New York, N. Y. Shoulder supporting member. 2,170,960; Aug. 29.
Bellin, Daniel J., New York, N. Y. Carrying carton. 2,168,387; Aug. 8.
Bellin, Daniel J., New York, N. Y. Garment device. 2,169,552; Aug. 15.
Bellin, Henry D., Providence, R. I., assignor to A. A. Thomen, New York, N. Y. Smoking device. 2,146,613; Feb. 7.
Bellini, Ettore, Paris, France, assignor to Compagnie Generale de Telegraphic Sans Fil. Antenna system. 2,146,247; Feb. 7.
Bellis, Arthur E., Branford, Conn. Heat treatment. 2,174,867; Oct. 3.
Bellis, Joseph, St. Paul, Minn. Governor for automotive vehicles. 2,157,472; May 9.
Bello, Mary, Brooklyn, N. Y. Man's vest. 2,163,392; June 20.
Bellone, Archilles L., Clifton, assignor to Botany Worsted Mills, Passaic, N. J. Adjustable sleeve for robes and the like. 2,148,851; Feb. 28.
Bellows, Lewis F. R., Detroit, Mich. Conducting holder for luminous tube terminals. 2,173,510; Sept. 19.
Belluche, Elmer W. and F. R., assignors to Christensen Machine Company, Racine, Wis. Sheet feeding machine. 2,145,916; Feb. 7.
Belluche, Frank R. (See Belluche, Elmer W. and F. R.)
Belluche, Frank R., Racine, Wis. Sheet feeding mechanism. 2,143,049; Jan. 10.
Belluche, Frank R., Racine, Wis. Sheet separator. 2,151,073; Mar. 21.
Belluche, Frank R., Racine, Wis. Sheet feeder. 2,154,485; Apr. 18.
Belluche, Frank R., Racine, Wis. Sheet feeding machine. Re. 21,055; Apr. 25.
Belmont Hosiery Company. (See Stroud, Paul G., assignor.)
Belmont Radio Corporation. (See Dunn, William L., assignor.)
Belmont Radio Corporation. (See Marholz, Richard C., assignor.)
Beloit Iron Works. (See Berry, Earl E., assignor.)
Beloit Iron Works. (See Berry, E. E., and Hornbostel, assignors.)
Beloit Iron Works. (See Hornbostel, Lloyd, assignor.)
Below, Fritz, Klein Machnow, near Berlin, Germany, assignor to N. V. Philips' Glocilampenfabrieken, Eindhoven, Netherlands. Band pass filter with variable band width. 2,144,214; Jan. 17.
Belsaw Machinery Company. (See Faber, John J., assignor.)
Belsher, Bernard J., Barnet, England. Pedestrian barrier. 2,153,708; Apr. 11.
Belstrup, Frederik V., Copenhagen, Denmark. Whirligig. 2,163,185; June 20.
Beltz, Carl E. (See Davis, Albert A., assignor.)
Belyavin, Paul, assignor, by mesne assignments, to Flexofiltration Limited, London, England. Filter for purifying liquids or gases. 2,184,243; Dec. 19.
Be Ment, Harold C. (See Schon, M., and Be Ment.)
Bemis & Call Company. (See Eden, James A., assignor.)
Bemis & Call Company. (See Eden, J. A., and Chase, assignors.)
Bemis and Call Company. (See Pond, Kenneth H., assignor.)
Bemis, Henry P., Newton Center, Mass., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Making a flexible coupling. 2,157,093; May 9.
Bemis, Kenneth E., Oakland, Calif. Toasting machine. 2,160,351; May 30.
Bemis, Kenneth E., Oakland, Calif. Barbecue furnace. 2,168,388; Aug. 8.
Bemis, Kenneth E., Oakland, Calif. Apparatus for making sandwiches. 2,168,389; Aug. 8.
Bemis, Kenneth E., Oakland, Calif. Meat carrier for meat cooking devices. 2,168,390; Aug. 8.
Bemis, Kenneth E., Oakland, Calif. Baking and cooking oven. 2,168,391; Aug. 8.
Bemis, Kenneth E., Oakland, Calif. Convertible cooking and serving unit. 2,175,500; Oct. 10.
Bemis, Kenneth E., Oakland, Calif. Method of and means for deep-fat frying of foods. 2,177,166; Oct. 24.
Bemis, Melvin H. (See Behrens, H. J., Greer, and Morrison.)
Benander, George B., Yalesville, assignor to Monowatt Electric Corporation, Bridgeport, Conn. Tray. 2,145,107; Jan. 24.
Benander, George B., Yalesville, assignor to Monowatt Electric Corporation, Bridgeport, Conn. Electric socket. 2,158,848; May 16.
Benander, George B., Yalesville, Conn., assignor to The Monowatt Electric Corporation. Plug cap. 2,162,544; June 13.
Benander, George B., Yalesville, Conn., assignor, by mesne assignments, to The Monowatt Electric Corporation, Providence, R. I. Electrical device. 2,166,790; July 18.
Benander, George B., Yalesville, assignor to Monowatt Electric Corporation, Bridgeport, Conn. Electric socket. 2,169,868; Aug. 15.
Benander, George B., Yalesville, and G. P. Schwabacher, Bridgeport, Conn., assignors to General Electric Company. Electric fixture. 2,162,545; June 13.
Benander, George B., Oaklawn, R. I., and G. P. Schwabacher, Bridgeport, Conn., assignors to General Electric Company. Electric fixture. 2,173,705; Sept. 19.
Benard, Jacques A. V., Paris, France. Magnetic compass. 2,168,112; Aug. 1.
Benca, Ferdinand. (See Benca, Otto K. and F.)
Benca, Otto K. and F., Chicago, Ill. Fish trap. 2,163,973; June 27.
Bench, George E., Jr., Detroit, Mich. Ashtray. 2,179,081; Nov. 7.
Bencker, Franz, Leverkusen-I. G. Werk, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Electrolytic cell. 2,154,830; Apr. 18.
Benco Manufacturing Company, The. (See Balas, George, assignor.)
Bencowitz, Isaac. (See Bacon, R. F., and Bencowitz.)
Benda, James, Wausau, Wis. Blade holder. 2,166,855; July 18.
Bendel, Henry P. L., Paris, France. Clarification plant for physically clarifying sewage. 2,177,167; Oct. 24.
Bendel, Hermann, and A. Schmid, Berlin, assignors to Siemens & Halske, Aktiengeselischaft, Siemensstadt, near Berlin, Germany. Amplifying detector. 2,156,649; May 2.
Bendele, Adolf, Dusseldorf-Oberkassel, Germany. Pane fastener. 2,149,385; Mar. 7.
Bender, Alan W., Hartford, Conn. Vehicle. 2,144,252; Jan. 17.
Bender, David V., Youngstown, Ohio. Disclosing solution. 2,151,495; Mar. 21.
Bender, Edward A., Pasadena, Calif. Fluid-sealing closure base for floral display globes. 2,174,771; Oct. 3.
Bender, Harry, Antioch, Calif., assignor, by mesne assignments, to The Dow Chemical Company, Midland, Mich. Chlorination. 2,170,801; Aug. 29.

Bender Home Appliances, Inc. (See Scott, Ray W., assignor.)
Bender, Howard L., Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Resinous compositions. 2,154,969; Apr. 18.
Bender, Max, Los Angeles, Calif., assignor to United Acoustrigraph Corporation. Sound recorder and reproducer. 2,172,431; Sept. 12.
Bender, Sydney E., New York, N. Y. Weighted sample tab. 2,149,830; Mar. 7.
Bender-Warrick Corporation. (See Warrick, Charles F., assignor.)
Bendheim, Ferdinand, and D. Hirstel, San Francisco, Calif. Wringer drive mechanism. 2,155,525; Apr. 25.
Bendix Aviation Corporation. (See Austin, Harvey D., assignor.)
Bendix Aviation Corporation. (See Basim, D. S., Freng, and Woodward, assignors.)
Bendix Aviation Corporation. (See Berno, Edward H., assignor.)
Bendix Aviation Corporation. (See Bevins, James E., assignor.)
Bendix Aviation Corporation. (See Boettinger, William G., assignor.)
Bendix Aviation Corporation. (See Carbonara, Victor E., assignor.)
Bendix Aviation Corporation. (See Carroll, Eugene G., assignor.)
Bendix Aviation Corporation. (See Caserta, Michele, assignor.)
Bendix Aviation Corporation. (See Chappell, Ralph R., assignor.)
Bendix Aviation Corporation. (See Chappell, R. R., and Colt, assignors.)
Bendix Aviation Corporation. (See Chappell, R. R., and Whitney, assignors.)
Bendix Aviation Corporation. (See Chappell, R. R., Colt, and Streb, assignors.)
Bendix Aviation Corporation. (See Chilton, Roland, assignor.)
Bendix Aviation Corporation. (See Elkin, Manuel H., assignor.)
Bendix Aviation Corporation. (See Fisher, Harold, assignor.)
Bendix Aviation Corporation. (See Frank, Frederick C., assignor.)
Bendix Aviation Corporation. (See Frei, Jakob R., assignor.)
Bendix Aviation Corporation. (See Gallup, David L., assignor.)
Bendix Aviation Corporation. (See Goodman, W. B., and Miller, assignors.)
Bendix Aviation Corporation. (See Heintz, Ralph M., assignor.)
Bendix Aviation Corporation. (See Hooven, F. J., and Seright, assignors.)
Bendix Aviation Corporation. (See Janes, Clinton S., assignor.)
Bendix Aviation Corporation. (See Jenny, Cletus J., assignor.)
Bendix Aviation Corporation. (See Jones, Burr W., assignor.)
Bendix Aviation Corporation. (See Kearney, Daniel P., assignor.)
Bendix Aviation Corporation. (See Keiper, Francis P., assignor.)
Bendix Aviation Corporation. (See Kliesrath, Victor W., assignor.)
Bendix Aviation Corporation. (See Kliesrath, V. W., and Breese, assignors.)
Bendix Aviation Corporation. (See Koch, Paul W., assignor.)
Bendix Aviation Corporation. (See Kurzina, Stanley B., Jr., assignor.)
Bendix Aviation Corporation. (See Lansing, Raymond P., assignor.)
Bendix Aviation Corporation. (See Loen, Hans, assignor.)
Bendix Aviation Corporation. (See Martin, Thomas B., assignor.)
Bendix Aviation Corporation. (See Mauer, Paul H., assignor.)
Bendix Aviation Corporation. (See McGrath, William L., assignor.)
Bendix Aviation Corporation. (See McGrath, W. L., Ferguson, and Whitney, and Wertz, assignors.)
Bendix Aviation Corporation. (See Menzer, Anton, assignor.)
Bendix Aviation Corporation. (See Moore, Earl E., assignor.)
Bendix Aviation Corporation. (See Neill, Robert L., assignor.)
Bendix Aviation Corporation. (See Olshevsky, Dimitry E., assignor.)
Bendix Aviation Corporation. (See Paine, Willard B., assignor.)
Bendix Aviation Corporation. (See Price, Harold W., assignor.)
Bendix Aviation Corporation. (See Price, Harold W., and E. R., assignors.)
Bendix Aviation Corporation. (See Reichel, Wladimir A., assignor.)
Bendix Aviation Corporation. (See Reichel, W. A., and Ketay, assignors.)
Bendix Aviation Corporation. (See Robertson, Edwin A., assignor.)
Bendix Aviation Corporation. (See Rylsky, Gregory V., assignor.)
Bendix Aviation Corporation. (See Sanford, Roy S., assignor.)
Bendix Aviation Corporation. (See Sayles, Theo. C., assignor.)
Bendix Aviation Corporation. (See Sekella, Youston, assignor.)
Bendix Aviation Corporation. (See Sidwell, Alfred E., assignor.)
Bendix Aviation Corporation. (See Spengler, Walter J., assignor.)
Bendix Aviation Corporation. (See Srogi, Ladislaw G., assignor.)
Bendix Aviation Corporation. (See Urfer, Adolf, assignor.)
Bendix Aviation Corporation. (See Watts, William S., assignor.)
Bendix Aviation Corporation. (See Weniger, Richard, assignor.)
Bendix Aviation Corporation. (See Whitney, Maurice P., assignor.)
Bendix Aviation Corporation. (See Whitney, M. P., and Sekella, assignors.)
Bendix Brake Company. (See Dodge, A. Y., and McConkey, assignors.)
Bendix Brake Company. (See House, Bryan E., assignor.)
Bendix Brake Company. (See La Brie, Ludger E., assignor.)
Bendix Home Appliances, Inc. (See Bassett, Rex E., Jr., assignor.)
Bendix Home Appliances, Inc. (See Bendix, Vincent, assignor.)
Bendix Home Appliances, Inc. (See Bowen, Herbert C., assignor.)
Bendix Home Appliances, Inc. (See Chamberlin, J. W., and Bassett, assignors.)
Bendix Home Appliances, Inc. (See Clark, Kendall, assignor.)
Bendix Home Appliances, Inc. (See Dodge, Adiel Y., assignor.)
Bendix Home Appliances, Inc. (See Loweke, Aaron A., assignor.)
Bendix Home Appliances, Inc. (See Marshall, C. O., Jr., and Loweke, assignors.)
Bendix Home Appliances, Inc. (See McCollum, Andrew O., assignor.)
Bendix Home Appliances, Inc. (See Wales, N. B., and Roberts, assignors.)
Bendix Products Corporation. (See Ainsworth, George O., assignor.)
Bendix Products Corporation. (See Austin, Ellsworth W., assignor.)
Bendix Products Corporation. (See Baade, Henry, assignor.)
Bendix Products Corporation. (See Banning, Thomas A., Jr., assignor.)
Bendix Products Corporation. (See Barfod, Frederik, assignor.)
Bendix Products Corporation. (See Bill, George W., assignor.)
Bendix Products Corporation. (See Boetto, Jean C., assignor.)
Bendix Products Corporation. (See Brace, Kemper P., assignor.)
Bendix Products Corporation. (See Breese, Robert P., assignor.)
Bendix Products Corporation. (See Brewer, Charles A., assignor.)
Bendix Products Corporation. (See Budd, Clarence E., assignor.)
Bendix Products Corporation. (See Burnett, Richard T., assignor.)
Bendix Products Corporation. (See Dodge, A. Y., and Allen, assignors.)
Bendix Products Corporation. (See Gallup, David L., assignor.)
Bendix Products Corporation. (See Goepfrich, Rudolph A., assignor.)
Bendix Products Corporation. (See Hopkins, Charles L., assignor.)
Bendix Products Corporation. (See Houston, George F., assignor.)
Bendix Products Corporation. (See Houston, G. F., and Sanford, assignors.)
Bendix Products Corporation. (See Hunt, George H., assignor.)
Bendix Products Corporation. (See Irving, John S., assignor.)
Bendix Products Corporation. (See Johnson, Carl V., assignor.)
Bendix Products Corporation. (See Kerr, Henry H., assignor.)
Bendix Products Corporation. (See Kliesrath, Victor W., assignor.)
Bendix Products Corporation. (See La Brie, Ludger E., assignor.)
Bendix Products Corporation. (See McWade, Robert, Jr., and Lyndon, assignors.)
Bendix Products Corporation. (See Miller, Philip M. and R. B., assignors.)

Bendix Products Corporation. (See Paine, Willard B., assignor.)
Bendix Products Corporation. (See Price, Earl R., assignor.)
Bendix Products Corporation. (See Price, Earl R. and H. W.)
Bendix Products Corporation. (See Price, Harold W., assignor.)
Bendix Products Corporation. (See Price, Harold W. and E. R.)
Bendix Products Corporation. (See Price, Harold W. and E. R., assignors.)
Bendix Products Corporation. (See Price, Harold W. and E. R., and Capra, assignors.)
Bendix Products Corporation. (See Roberts, Glyn P., assignor.)
Bendix Products Corporation. (See Root, John J., assignor.)
Bendix Products Corporation. (See Sanford, Roy S., assignor.)
Bendix Products Corporation. (See Sanford, R. S., and Kliesrath, assignors.)
Bendix Products Corporation. (See Schairer, George S., assignor.)
Bendix Products Corporation. (See Shaff, Ernest H., assignor.)
Bendix Products Corporation. (See Smalley, Lee L., assignor.)
Bendix Products Corporation. (See Smith, Marshall A., Jr., assignor.)
Bendix Products Corporation. (See Smith, Stuyvesant C., assignor.)
Bendix Products Corporation. (See Tatter, John W., assignor.)
Bendix Products Corporation. (See Taylor, Cecil H., assignor.)
Bendix Products Corporation. (See Warren, Kenneth W., assignor.)
Bendix Products Corporation. (See White, John W., assignor.)
Bendix Products Corporation. (See Whittington, Ralph S., assignor.)
Bendix Products Corporation. (See Winkler, Albert H., assignor.)
Bendix Radio Corporation. (See Adair, Samuel E., assignor.)
Bendix Radio Corporation. (See Hicks, Charles W., assignor.)
Bendix Radio Corporation. (See Hyland, Lawrence A., assignor.)
Bendix Radio Corporation. (See Phillips, Willis E., assignor.)
Bendix Radio Corporation. (See Schuttig, Leonard A., assignor.)
Bendix Radio Corporation. (See Seright, Carl G., assignor.)
Bendix, Vincent, South Bend, Ind., assignor to Bendix Home Appliances, Inc., Detroit, Mich. Washing machine. 2,158,815; May 16.
Bendix-Westinghouse Automotive Air Brake Company. (See Casler, Roger H., assignor.)
Bendix-Westinghouse Automotive Air Brake Company. (See Eaton, Wilfred A., assignor.)
Bendix-Westinghouse Automotive Air Brake Company. (See Johnson, Stephen, Jr., assignor.)
Bendix-Westinghouse Automotive Air Brake Company. (See Leukhardt, Arthur R., assignor.)
Bendix-Westinghouse Automotive Air Brake Company. (See Sanford, Roy S., assignor.)
Bendix-Westinghouse Automotive Air Brake Company. (See Vorech, Stephen, assignor.)
Bendure, Leslie D., Seattle, Wash. Superfluous hair remover. 2,156,717; May 2.
Bendz, Waldemar I., Arlington, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Speed regulator. 2,147,421; Feb. 14.
Bendz, Waldemar I., Arlington, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic control system. 2,147,422; Feb. 14.
Benedek, Elek, Mount Gilead, Ohio. Pump or motor. 2,166,717; July 18.
Benedek, Elek K., Bucyrus, Ohio. Power operated hydraulic brake system for motor vehicles. 2,142,709; Jan. 3.
Benedek, Elek K., Bucyrus, Ohio. Hydraulic pump or motor. 2,147,515; Feb. 14.
Benedek, Elek K., Bucyrus, Ohio. Hydraulic pump or motor. 2,159,244; May 23.
Benedek, Elek K., Bucyrus, Ohio. Variable displacement pump or motor. 2,159,245; May 23.
Benedek, Elek K., Bucyrus, Ohio. Rotary pump or motor. 2,160,352; May 30.
Benedek, Elek K., Bucyrus, Ohio. Hydraulic pump or motor. 2,161,794; June 13.
Benedek, Elek K., Bucyrus, Ohio. Hydraulic transmission. 2,163,079; June 20.
Benedek, Elek K., Bucyrus, Ohio. Multistage pump or motor. 2,163,080; June 20.
Benedek, Elek K., Bucyrus, Ohio. Piston and reactance combinations for radial piston pumps and motors. 2,163,570; June 27.
Benedek, Elek K., Bucyrus, Ohio. Hydraulic pump or motor. 2,164,171; June 27.
Benedek, Elek K., Bucyrus, Ohio. Hydraulic pump or motor. 2,165,126; July 4.
Benedek, Elek K., Bucyrus, Ohio. Variable displacement pump or motor. 2,166,114; July 18.
Benedek, Elek K., Bucyrus, Ohio. Multistage hydraulic pump or motor. 2,172,900; Sept. 12.
Benedek, Elek K., Bucyrus, Ohio. Hydraulic pump or motor. 2,173,432; Sept. 19.
Benedek, Elek K., Bucyrus, Ohio. Hydraulic pump or motor. 2,180,343; Nov. 21.
Benedetti, Felix, Garfield, N. J. Container. 2,153,911; Apr. 11.
Benedict, Anthony C., Rockville Centre, N. Y. Noncracking joint covering and finish. 2,150,399; Mar. 14.
Benedict, Anthony C., Rockville Centre, N. Y. Ventilating means for beds and the like. 2,183,533; Dec. 19.
Benedict, Frank, Rutherford, N. J., assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,158,974; May 16.
Benedict, Frank, Rutherford, N. J., assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,158,975; May 16.
Benedict, Rome R., assignor of one-half to A. J. Corley, Jr., Chattanooga, Tenn. Fireplace closure. 2,156,799; May 2.
Benedict, Rome R., Chattanooga, Tenn. Collapsible tube key. 2,162,295; June 13.
Benello, Egidio M., New York, assignor to Manifold Supplies Company, Brooklyn, N. Y. Moistening device for duplicating machines. 2,161,554; June 6.
Benello, Egidio M., New York, N. Y. Moistening device for duplicating machines. 2,161,795; June 13.
Bener, Christian, Chur, assignor to the firm Raduner & Co., A. G., Horn, Switzerland. Production of textile fabrics in formed printed patterns. 2,161,223; June 6.
Benesh, Matthew E., Cicero, Ill. Heating utensil. 2,172,952; Sept. 12.
Beneteau, Amedee J., Ottawa, Ontario, Canada. Educational game of the geographic type. 2,175,591; Oct. 10.
Bénézech, Louis P. J. M., Carmaux, France, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Apparatus for producing a smokeless solid fuel. 2,167,099; July 25.
Bénézech, Louis P. J. M., Carmaux, Tarn, France, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Preliminary oxidation of caking coal with subsequent coking thereof. 2,167,100; July 25.
Benford, Frank A. (See Adams, J. Q., and Benford.)
Benham, Wilfrid E. (See Walker, L. E. Q., and Benham.)
Ben Hur Products, Inc. (See Behr, Siegfried, assignor.)
Ben Hur Products, Inc. (See Hirtenstein, Max M., assignor.)
Benish, Joseph S., Rhinelander, Wis. Floor scrubbing machine. 2,165,331; July 11.
Benito y de la Rosa, Manuel, assor of one-half to R. del Valle y Medina, Habana, Cuba. Resilient vehicle wheel. 2,145,159; Jan. 24.
Benjafield, Walter O., assignor to B. Webster, New York, N. Y. Electric lamp. 2,166,282; July 18.
Benjamin, Abraham S., assignor to Teletype Corporation, Chicago, Ill. Telegraph selection system. 2,148,430; Feb. 28.
Benjamin, Abraham S., assignor to Teletype Corporation, Chicago, Ill. Intercommunicating and broadcasting switchboard. 2,149,386; Mar. 7.
Benjamin, Bert R. (See Cuddeback, N. C., and Benjamin.)
Benjamin Electric Limited. (See Graff-Baker, William S., assignor.)
Benjamin Electric Mfg. Company. (See Leinen, Arthur P., assignor.)
Benjamin Electric Mfg. Company. (See Niemann, George F., assignor.)
Benjamin Electric Mfg. Company. (See Phillips, Paul D., assignor.)
Benjamin Electric Mfg. Company. (See Rusch, David, assignor.)
Benjamin Electric Mfg. Company. (See Waterbury, John H., assignor.)
Benjamin Electric Mfg. Company. (See Wideroe, Marshall S., assignor.)
Benjamin, Merrill G., Alhambra, Calif., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Feeding mechanism. 2,161,892; June 13.
Benjamin, W. R., Co. (See Benjamin, Walter R., assignor.)
Benjamin, Walter R., assignor to W. R. Benjamin Co., Granite City, Ill. Toy construction elements. 2,170,771; Aug. 22.
Benjamins, Israel. (See Weiss, M. M., and Benjamins.)
Benkelman, Glen F., Cleveland, Ohio. Resistor unit and making same. 2,176,604; Oct. 17.
Benkert, John, assignor of one-half to A. H. Langert, Chicago, Ill. Supporter clip. 2,167,167; July 25.
Bennallack, H. C. (See Morella, Frank, assignor.)
Benner, Raymond C. (See Kirchner, H. P., Melton, and Benner.)
Benner, Raymond C. (See Melton, R. L., Kirchner, and Benner.)
Benner, Raymond C., and H. N. Baumann, Jr., assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Refractory and method of making. 2,154,318; Apr. 11.

Benner, Raymond C., and J. C. McMullen, assignors to The Carborundum Company, Niagara Falls, N. Y. Production of refractory material. 2,164,635; July 4.
Benner, Raymond C., C. E. Wooddell, and C. S. Nelson, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive supporting pad. 2,167,037; July 25.
Benner, Raymond C., R. L. Melton, and J. A. Boyer, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Silicon carbide and manufacture thereof. 2,178,773; Nov. 7.
Benner, Raymond C., and N. P. Robie, assignors to The Carborundum Company, Niagara Falls, N. Y. Abrasive article. 2,179,487; Nov. 14.
Benner, Roland G. (See Henke, C. O., and Benner.)
Benner, Roland G. (See Henke, C. O., Douglass, and Benner.)
Benner, Russell E. (See Rand, J. H., Jr., and Benner.)
Benner, Russell E., New York, assignor, by mesne assignments, to Remington Rand Inc., Buffalo, N. Y. Construction of cutter heads. 2,160,952; June 6.
Bennes, Adolph B., assignor of forty per cent to Harmon Manufacturing Company, Inc., and sixty per cent to F. S. Harmon Manufacturing Company, Tacoma, Wash. Turning device. 2,167,924; Aug. 1.
Bennetch, David S., Sheridan, Pa. Hydraulic transmission. 2,151,415; Mar. 21.
Bennet, Paul R., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Electrical circuit for communication systems. 2,174,456; Sept. 26.
Bennett, Albert E., Jacksonville, Fla. Bearing for weighing scales. 2,159,684; May 23.
Bennett, Albert L., Glendale, assignor to Malinite Corporation, Los Angeles, Calif. Casting bodies. 2,159,349; May 23.
Bennett, Alexander E., New York, N. Y. Cushion support for furniture. 2,145,037; Jan. 24.
Bennett, Arthur, San Francisco, Calif. Folding box. 2,177,856; Oct. 31.
Bennett, Arthur, Chicago, Ill. Tape dispenser. 2,184,091; Dec. 19.
Bennett, Arthur F., West Barrington, R. I., assignor to Brown & Sharpe Manufacturing Company. Attachment mounting for a machine tool. 2,175,592; Oct. 10.
Bennett, Charles A. (See Gaus, G. E., and Bennett.)
Bennett, Charles C., Dallas, Tex., assignor of one-third to C. W. Walker, Charleston, S. C. Mop wringer. 2,171,387; Aug. 29.
Bennett, Charles E., Ridgewood, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Electric cable system. 2,150,201; Mar. 14.
Bennett, Charles E., Ridgewood, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Electric cable system. 2,168,858; Aug. 8.
Bennett, Charles E., Ridgewood, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Electric cable system. 2,174,961; Oct. 3.
Bennett, Claude C., South Bend, Ind., assignor to A. E. Feragen, Inc., Seattle, Wash. Portable dynamometer. 2,144,010; Jan. 17.
Bennett, Claude C., South Bend, Ind., assignor to A. E. Feragen, Inc., Seattle, Wash. Brake tester and weighing means. 2,148,229; Feb. 21.
Bennett, Claude C., South Bend, Ind., assignor to A. E. Feragen, Inc., Seattle, Wash. Wheel balance tester. 2,170,848; Aug. 29.
Bennett, Claude L. (See Lawson, R. R., Bennett, and Urie.)
Bennett, Donald P., Washington, D. C. Range finder. 2,159,199; May 23.
Bennett, Edwin O., assignor to Continental Oil Company, Ponca City, Okla. Bottom hole pressure gauge. 2,155,635; Apr. 25.
Bennett, Frank A. (See Hallowell, H. T., and Bennett.)
Bennett, Frank M., Joplin, Mo. Air operated gasoline, water, or other fluid pump. 2,184,706; Dec. 26.
Bennett, Frank S., Schenectady, N. Y., assignor to General Electric Company. Surface condenser. 2,153,361; Apr. 4.
Bennett, Frank W., Decatur, Ga., dedicated the free use of the People of the United States of America. Fire mat. 2,183,113; Dec. 12.
Bennett, Grattan G., Heber, Calif. Loading machine. 2,182,838; Dec. 12.
Bennett, Harry, and J. Starobin, New York, N. Y.; said Starobin assignor to said Bennett. Adhesive coating, binder, and filler composition. 2,143,641; Jan. 10.
Bennett, Harry P., Wrentham, assignor to Bugbee and Niles Co., North Attleboro, Mass. Extensible connecter for bracelets. 2,145,680; Jan. 31.
Bennett, Harry T. (See Provine, R. W., and Bennett.)
Bennett, Hubert D., assignor to Plaskon Company, Incorporated, Toledo, Ohio. Device for atomizing liquid insecticides or fungicides. 2,167,866; Aug. 1.
Bennett Incorporated. (See Neitzke, Oscar F., assignor.)
Bennett Incorporated. (See Strovink, Florian A., assignor.)
Bennett, Irving T., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Building up metal parts. 2,166,700; July 18.
Bennett, Irving T., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Forming bearing surfaces. 2,166,701; July 18.
Bennett, James A. J., Genista, Newton Mearns, Scotland, assignor, by mesne assignments, to Autogiro Company of America. Blade construction for aircraft sustaining rotors. 2,152,861, Apr. 4.

Bennett, James A. J., Genista, Newton Mearns, Scotland, assignor, by mesne assignments, to Autogiro Company of America. Aircraft, and sustaining rotors therefor. 2,154,601; Apr. 18.
Bennett, James A. J., Genista, Newton Mearns, Renfrew, Scotland, assignors, by mesne assignments, to Autogrio Company of America. Rotative sustaining wing for aircraft. 2,183,158; Dec. 12.
Bennett, James A. J., Esher, England, assignor by mesne assignments to Autogiro Company of America. Rotary blade or wing for aircraft. 2,164,678; July 4.
Bennett, James A. J., Esher, and G. B. L. Ellis, Thames Ditton, England, assignors, by mesne assignments, to Autogiro Company of America. Aircraft sustaining rotor. 2,173,153; Sept. 19.
Bennett, John M. (See Reuscher, B. R., and Bennett.)
Bennett, Joseph S. (See Preston, H. E., and Bennett.)
Bennett, Joseph S., Hammondsport, N. Y. Garment support. 2,173,468; Sept. 19.
Bennett, Joseph S., Hammondsport, N. Y. Garment support. 2,173,469; Sept. 19.
Bennett, Joseph S., Merion, assignor to American Engineering Company, Philadelphia, Pa. Water-cooled stoker. 2,181,473; Nov. 28.
Bennett, Le Roy, Webb City, Mo. Gauge. 2,165,881; July 11.
Bennett, Leslie T., Seattle, Wash. Centrifugal separator for precious metals. 2,146,716; Feb. 14.
Bennett, Owen G., assignor to Catalyst Research Corporation, Pittsburgh, Pa. Apparatus for analyzing gases. 2,162,395; June 13.
Bennett, Owen G., assignor to Catalyst Research Corporation, Pittsburgh, Pa. Ampoule sealing apparatus. 2,168,509; Aug. 8.
Bennett, Racy D., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Mechanism for partially folding containers. 2,144,283; Jan. 17.
Bennett, Ralph S., Pittsfield, Mass., assignor to General Electric Company. Fuse and improved indicating device therefor. 2,142,991; Jan. 10.
Bennett, Ralph S., Pittsfield, Mass., assignor to General Electric Company. Electric cut out. 2,164,983; July 4.
Bennett, Ralph S., Pittsfield, Mass., assignor to General Electric Company. Electric cut-out. 2,169,087; Aug. 8.
Bennett, Ralph S., Pittsfield, Mass., assignor to General Electric Company. Electric cut-out. 2,170,676; Aug. 22
Bennett, Rowland K. (See Cornell, M. L., Graff, and Bennett.)
Bennett, William. (See Baumfalk, J., Bennett and Wright.)
Bennett, William S., Jersey City, N. J. Clothesline clip. 2,147,731; Feb. 21.
Bennett, William W., Alhambra, Calif. Method and material for treating fruit. 2,183,981; Dec. 19.
Benning, Anthony F., Penns Grove, R. C. McHarness, Carneys Point, and R. G. Hartig, Salem, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of halogenated hydrocarbons. 2,149,039; Feb. 28.
Benning, Anthony F., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricant. 2,167,867; Aug. 1.
Benning, Harvey H., Lincoln Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Broad band transmission system. 2,153,528; Apr. 4.
Benninghoff, William L., Shaker Heights, Ohio. Apparatus for cutting threads. 2,184,136; Dec. 19.
Bennington, Eugene, et al. (See Poe, Lloyd R., assignor.)
Bennion, Leslie H., and A. A. Rivington, Leicester, England, assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Counter molding machine. 2,178,133; Oct. 31.
Bennis, Joseph. (See Pekalski, S., and Bennis.)
Beno, Norman J., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Process and flux for solder bonding on coated metal surfaces. 2,160,195; May 30.
Benoit, John E. and C. B. Reynolds, Willsboro, N. Y. Detachable electrical connector. 2,180,662; Nov. 21.
Benoit, Joseph F., Wells, Maine. Undertaker's appliance. 2,142,553; Jan. 3.
Benoit, Leon, New York, N. Y. Filler tray for eggs and the like. 2,154,193; Apr. 11.
Benoit, Leon, New York, N. Y. Filler package. 2,154,194; Apr. 11.
Benoit, Leon, New York, N. Y. Filler package. 2,154,195; Apr. 11.
Benoit, Ovila J., assignor to Shambow Shuttle Company, Woonsocket, R. I. Shuttle structure. 2,143,506; Jan. 10.
Benoit, Ovila J., assignor, by mesne assignments to American Paper Tube Company, Woonsocket, R. I. Loom shuttle. 2,144,958; Jan. 24.
Bensel Corporation. (See Bensel, Duryea, assignor.)
Bensel, Duryea, assignor, by mesne assignments, to A. Borden, New York, N. Y. Nonshift carton. 2,142,342; Jan. 3.
Bensel, Duryea, assignor to Bensel Corporation, New York, N. Y. Collapsible paper board liquid dispensing container. 2,155,636; Apr. 25.
Bensel, Duryea, assignor, by mesne assignments, to A. Borden, New York, N. Y. Dispensing container. 2,172,930; Sept. 12.

Bensel, Duryea, assignor, by mesne assignments, to A. Borden, New York, N. Y. Paper bottle cap. 2,184,869; Dec. 26.
Bensel, Duryea, Beechurst, Long Island, N. Y., assignor to Bensel Corporation. Container. 2,147,117; Feb. 14.
Bensemann, Edward H. T., Motueka, Nelson, New Zealand. Vending mechanism. 2,154,147; Apr. 11.
Bensen, Bernt M., Brooklyn, N. Y. Triangle solving instrument. 2,160,820; June 6.
Benson, Archie E., Miles City, Mont. Headlight indicator. 2,168,510; Aug. 8.
Benson, Arthur E., South Attleboro, Mass. Cloth tentering mechanism for looms. 2,177,514; Oct. 24.
Benson, Arthur S., Seattle, Wash. Tractive device for tractors. 2,143,403; Jan. 10.
Benson, Benjamin H., and B. E. Mendelsohn, Brookline, Mass. Pneumatic tire. 2,152,131; Mar. 28.
Benson, Edward B., assignor to The Benson Mfg. Co., Kansas City, Mo. Ice inhibiting assembly for airplanes. 2,161,242; June 6.
Benson, Gwyn, Shawinigan Falls, Quebec, assignor to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Making acetic anhydride. 2,170,002; Aug. 22.
Benson, Harry D. (See Paxton, Hale and G. C., and Benson.)
Benson, John H., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Evaporator. 2,155,003; Apr. 18.
Benson Mfg. Co., The. (See Benson, Edward B., assignor.)
Benson, Melvin B., New York, N. Y., assignor to Lidgerwood Manufacturing Company, Elizabeth, N. J. Combination hand and power steering apparatus. 2,166,206; July 18.
Benson, Melvin B., New York, N. Y., assignor to Lidgerwood Manufacturing Company, Elizabeth, N. J. Winch. 2,179,082; Nov. 7.
Benson, N. P., Optical Company. (See Anderson, A. J., and Wescott, assignors.)
Benson, Robert F., A. E. Bauer, and A. C. Jayet, San Jose, Calif. Speed indicating means. 2,160,821; June 6.
Benson, Ronald C., Camden, N. J. Hydraulically controlled transmission gearing mechanism. 2,144,322; Jan. 17.
Benson, Simon, Chicago, Ill. Mechanical massaging apparatus. 2,157,395; May 9.
Bent, Edgar D., Montreal, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for making insulated electrical conductors. 2,144,868; Jan. 24.
Bent, Franklin A. (See Steck, L. V., and Bent.)
Bent, Franklin A., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Production of hydrated olefines. 2,144,750; Jan. 24.
Bent, Franklin A., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Production of olefin hydration products. 2,148,288; Feb. 21.
Bent, Franklin A., R. W. Millar, and S. N. Wik, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Polymerization of olefins. 2,156,718; May 2.
Bent, Franklin A., A. G. Loomis, and H. C. Lawton, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Sealing off water and gas layers. 2,169,458; Aug. 15.
Bentall, Frank M., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Control for air flow to underfeed stokers. 2,160,409; May 30.
Bentivoglio, Marie, New York, N. Y. Pillow or the like. 2,167,622; Aug. 1.
Bentley, George P., Wollaston, Mass., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Earth inductor compass. 2,176,197; Oct. 17.
Bentley, Harry, assignor of one-half to W. C. Holmes & Company Limited, Huddersfield, England. Pneumatic ejector plant. 2,180,274; Nov. 14.
Bentley, Oliver D. H., Norfolk, Mass. Blower. 2,150,670; Mar. 14.
Bentley, Oliver D. H., Norfolk, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Packing. 2,175,868; Oct. 10.
Bentley, Oliver D. H., Norfolk, assignor to B. F. Sturtevant Company, Hyde Park, Mass. Elastic fluid turbine. 2,184,661; Dec. 26.
Bentley, Robert H., assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Mounting interchangeable electric devices. 2,160,713; May 30.
Bentley, Ruth B. (See Butler, Alfred, assignor.)
Bentley, Stephen, St. Lambert, Quebec, Canada. Humidifying apparatus. 2,178,389; Oct. 31.
Bentley, William G., Houston, Tex. Snatch block. 2,164,894; July 4.
Bentley, William T. (See Cerny, Joseph A., assignor.)
Benton, Harold Z., Glencoe, assignor to Crowe Name Plate & Manufacturing Co., Chicago, Ill. Tuner. 2,177,683; Oct. 31.
Benton, Kenneth H., and R. W. Work, Pittsfield, Mass., assignors to General Electric Company. Resinous composition and making the same. 2,142,833; Jan. 3.
Benton, Thomas A., Cincinnati, Ohio. Machine for applying pins in fitting garments. 2,145,038; Jan. 24.
Bentz, Eugen, Coblenz, and J. Jaenicke, Frankfort-on-the-Main, assignors to Gewerkschaft Keramchemie-Berggarten, Siershahn, Westerwald, and Metallgesellschaft Aktiengesellschaft, Frankfort-on-the-Main, Germany. Stratiform structure impervious to liquids. 2,168,949; Aug. 8.
Bentz, George B., New York, N. Y. Bathtub seat attachment. 2,142,263; Jan. 3.
Bentz, George B., New York, N. Y. Bathtub seat. 2,142,434; Jan. 3.
Bentz, George B., New York, N. Y. Bathroom tub stool. 2,150,482; Mar. 14.
Bentz, George B., New York, N. Y. Vanity attachment for bathtubs. 2,150,483; Mar. 14.
Bentz, George B., Bronx, N. Y. Bathtub seat attachment. 2,151,581; Mar. 21.
Bentz, George B., Bronx, N. Y. Child's swing. 2,167,794; Aug. 1.
Bentz, George B., Bronx, N. Y. Vanity attachment for bathtubs. 2,167,795; Aug. 1.
Bentz, George B., Bronx, N. Y. Combined floor and tub stand. 2,174,650; Oct. 3.
Bentz, George B., New York, N. Y. Combination floor and tub towel racks. 2,181,543; Nov. 28.
Bentz, George B., Bronx, N. Y. Pedicure accessory for bathtubs. 2,182,532; Dec. 5.
Bentz, George B., Bronx, N. Y. Vanity or similar attachment for bathtubs. 2,183,441; Dec. 12.
Benz, Bernard W. (See Menton, J. B., and Benz.)
Benz, Erwin J., assignor to Hudson Motor Car Company, Detroit, Mich. Transmission control mechanism. 2,152,581; Mar. 28.
Benz, Hans. (See Landolt, A., Widmer, and Benz.)
Benz, Johannes, Dusseldorf, Germany. Wrapping machine. 2,157,949; May 9.
Benzenberg, Rudolf, New York, N. Y. Window construction. 2,159,583; May 23.
Benzinger, Jacob, Cincinnati, Ohio. Loupe. 2,143,431; Jan. 10.
Benziger, Jake U. (See Logan, J. T., Richardson, Cooper, and Benziger.)
Benzon, George H., Jr., Jenkintown, and H. R. Young, Lower Merion, assignors to William Sellers & Company, Incorporated, Philadelphia Pa. Contouring lathe or the like. 2,142,882; Jan. 3.
Benzon, George H., Jr., Jenkintown, and H. R. Young, Lower Merion, assignors to William Sellers & Company, Incorporated, Philadelphia, Pa. Strip punching mechanism. 2,174,457; Sept. 26.
Berbeles, Tom, Canton, Ohio. Rotary-meat-roasting machine. 2,160,953; June 6.
Berberich, Leo J., Pittsburgh, Pa., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Maintaining dielectric stability of insulating oils. 2,176,952; Oct. 24.
Berch, Samuel H., Beverly Hills, assignor to Arden Farms, Inc., Los Angeles, Calif. Package for food products and the like. 2,163,017; June 20.
Berch, Samuel H., and D. Ray, Los Angeles, and E. S. Chase, Glendale, assignors to Arden Farms, Inc., Los Angeles, Calif. Protective hood for bottles. 2,161,993; June 13.
Bercovici, Léon, Brussells, assignor to Société Générale Metallurgique de Hoboken, Hoboken, near Antwerp, Belgium. Refining of cathode copper. 2,142,090; Jan. 3.
Beregh Manufacturing Co. Inc. (See Beregh, Theodore J., assignor.)
Beregh, Theodore J., Patchogue, N. Y. Valve actuator. 2,151,074; Mar. 21.
Beregh, Theodore J., Patchogue, assignor to Beregh Manufacturing Co. Inc., New York, N. Y. Spraying device. 2,149,266; Mar. 7.
Bereit, Herbert C., Cleveland, assignor to Una Welding, Inc., Cuyahoga County, Ohio. Flux carrying tape and associating same with a welding wire. 2,164,104; June 27.
Berek, Max, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Photographic objective. 2,164,028; June 27.
Berek, Max, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Photographic objective. 2,171,640; Sept. 5.
Berek, Max, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Photographic objective. 2,171,641; Sept. 5.
Berendsen, Andrew P., Concord, Calif. Vehicle. 2,179,477; Nov. 14.
Bereslavsky, Euphime V., New York, N. Y. Motor fuel. 2,158,050; May 16.
Berg, Adolph. (See Koepke, William F., assignor.)
Berg, Alfred J., Portsmouth, N. H. Apparatus for and making reinforced tubing. 2,151,685; Mar. 28.
Berg, Alfred J., and J. O. Huse, U. S. Navy, Portsmouth, N. H. Making reinforced tubes or pipes. 2,145,244; Jan. 31.
Berg, Alfred J., Portsmouth, N. H., and J. O. Huse, U. S. Navy. Heat exchanging element and making the same. 2,154,430; Apr. 18.
Berg, Alfred J., Portsmouth, N. H., and J. O. Huse, U. S. Navy. Method of and apparatus for making heat exchanging elements. 2,155,394; Apr. 25.
Berg, Alfred J., Portsmouth, N. H., and J. O. Huse, U. S. Navy. Making a heat exchanging element. 2,155,395; Apr. 25.

Berg, Alfred J., Portsmouth, N. H., and J. O. Huse, U. S. Navy. Making a heat exchange element. 2,162,693; June 20.
Berg, Alfred J., Portsmouth, N. H., and J. O. Huse, U. S. Navy. Making a heat exchanging element. 2,162,694; June 20.
Berg, Alfred J., Portsmouth, N. H., and J. O. Huse, U. S. Navy. Tool for cutting or turning. 2,164,303; July 4.
Berg, Carl F. (See Johnson, Eric R., assignor.)
Berg, Charles E., Watertown, N. Y. Match holder. 2,164,795; July 4.
Berg, Edward C., Chicago, Ill., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Display card and holder. 2,159,838; May 23.
Berger, Emil J., Hatfield, assignor to Dexdale Hosiery Mills, Landsdale, Pa. Producing full-fashioned stockings. 2,154,602; Apr. 18.
Berg, Herbert, and F. Leiss, Burghausen, assignors to Dr. Alexander Wacker Gesellschaft für Elektrochemische Industrie, G. m. b. H., Munich, Bavaria, Germany. Producing acrylic acid. 2,146,282; Feb. 7.
Berg, Herbert, and H. Heim, Burghausen, and F. Leiss, Munich, assignors to Dr. Alexander Wacker Gesellschaft für Elektrochemische Industrie, G. m. b. H., Munich, Bavaria, Germany. Producing monovinyl acetylene. 2,158,051; May 16.
Berg, Hilmer F., Port Angeles, Wash. Log raft and log rafting mechanism. 2,149,497; Mar. 7.
Berg, Leo F., assignor to Edison General Electric Company, Incorporated, Chicago, Ill. Cover structure. 2,150,756; Mar. 14.
Berg, Louis B., assignor to Borg-Warner Corporation, Chicago, Ill. Refuse receptacle. 2,170,677; Aug. 22.
Berg, Marvin A., Vallejo, Calif. Butter cutter. 2,174,772; Oct. 3.
Berg, Max, Tulsa, Okla. Insect exterminator. 2,157,449; May 9.
Berg, Morris F., Los Angeles, Calif. Ingot assembly and carrier. 2,174,562; Oct. 3.
Berg, Quentin, Akron, assignor to The Hoover Company, North Canton, Ohio. Bag pressure indicating device for suction cleaners. 2,179,808; Nov. 14.
Berg, Quentin, assignor to The Hoover Company, North Canton, Ohio. Ice tray. 2,181,114; Nov. 28.
Berg, Ragnar, and R. T. Gillis, Pittsburgh, Pa., assignors, by mesne assignments, to C. W. Nichols, Sr., New York, N. Y. Incineration of high moisture refuse. 2,171,535; Sept. 5.
Berg, Ragnar, Pittsburgh, Pa., and R. W. Crist, Cleveland, Ohio, assignors to Kopper Company. Coke-oven door operating mechanism. 2,179,608; Nov. 14.
Berg, Walter G. (See Irwin, Milton, assignor.)
Bergdoll, John G., assignor to York Ice Machinery Corporation, York, Pa. Condenser and making the same. 2,146,614; Feb. 7.
Bergdoll, John G., assignor to York Ice Machinery Corporation, York, Pa. Refrigeration. 2,158,716; May 16.
Berge, Marie. (See Berge, Nels B., assignor.)
Berge, Nels B., assignor of one-half to M. Berge, Billings, Mont. Hinge for an automobile bed. 2,177,202; Oct. 24.
Bergen, Lewis S. (See Payson, P., Bergan, and Hodapp.)
Bergenn, Olav T., Brooklyn, N. Y. Gaming device. 2,166,115; July 18.
Berger, Adolph L., Dayton, Ohio. Transmission mechanism. 2,146,717; Feb. 14.
Berger, Adolph L., Dayton, Ohio, assignor to Eclipse Aviation Corporation, East Orange, N. J. Automatic regulator. 2,148,230; Feb. 21.
Berger, Arthur, Oberturkheim, near Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Fluid power transmission. 2,151,075; Mar. 21.
Berger, Arthur F., assignor to The Master Electric Company, Dayton, Ohio. Lubricant seal. 2,156,719; May 2.
Berger Brothers Company, The. (See Versoy, Irving R., assignor.)
Berger, Edward H. (See Tozer, C. C., and Berger.)
Berger, Emil J., Hatfield, assignor to Dexdale Hosiery Mills, Lansdale, Pa. Stocking. 2,142,489; Jan. 3.
Berger, Emil J., Hatfield, and H. W. Matthews, Lansdale, assignors to Dexdale Hosiery Mills, Lansdowne, Pa. Display stand for stockings and the like. 2,165,915; July 11.
Berger, Friedrich W. F., Berlin-Neukolln, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,168,511; Aug. 8.
Berger, Georges, New York, N. Y. Producing moire effects on fabrics. 2,145,681; Jan. 31.
Berger, Henry G. (See Crandall, G. S., Moran, and Berger.)
Berger, Henry G., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Manufacture of light hydrocarbons. 2,143,050; Jan. 10.
Berger, Henry G., Woodbury, R. C. Moran, Wenonah, and F. M. Seger, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Petroleum lubricant product. 2,153,495; Apr. 4.
Berger, Henry G., Woodbury, R. C. Moran, Wenonah, and F. M. Seger, Pitman, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Extreme pressure lubricant. 2,153,496; Apr. 4.
Berger, Henry G., Woodbury, R. C. Moran, Wenonah, and F. M. Seger, Pitman, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Thiocarbonated-chloraliphatic hydrocarbons and making same. 2,163,535; June 20.
Berger, Henry G., Woodbury, W. H. James, Wenonah, and D. E. Badertscher, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition. 2,177,923; Oct. 31.
Berger, Herbert R., Brooklyn, assignor to J. F. Jelenko & Co., Inc., New York, N. Y. Mandrel and polisher for polishing and grinding devices. 2,181,474; Nov. 28.
Berger, Jacob, New York, N. Y. Rubber bathtub. 2,143,674; Jan. 10.
Berger, Joseph D., Covina, Calif. Walnut tree shaker. 2,159,311; May 23.
Berger, Kornel, Brooklyn, N. Y. Screw-threaded stock and manufacture of same. 2,150,815; Mar. 14.
Berger, Ludwig, Knittelfeld, Styria, Austria. Method and means for binding fibrous building material. 2,171,388; Aug. 29.
Berger, Paul, assignor to Thordarson Electric Manufacturing Company, Chicago, Ill. Display device. 2,175,242; Oct. 10.
Berger, Peter H., Geneva, Ohio. Combined protractor and trammel instrument. 2,144,604; Jan. 24.
Berger, Samuel I., Newark, N. J. Mechanical toy. 2,146,050; Feb. 7.
Berger, Samuel I., Newark, N. J. Toy. 2,158,052; May 16.
Berger, William K. (See Pitney, Earl H., assignor.)
Bergerioux, René, Mennecy, Seine-et-Oise, France. Container for dispensing materials. 2,152,862; Apr. 4.
Bergeron, Adelard P., E. J. Page, and A. C. Rushia, Claremont, N. H. Crankcase oil heater for engines. 2,180,663; Nov. 21.
Bergeron, Arthur J., Portsmouth, N. H. Poultry feeder. 2,163,186; June 20.
Bergeron, Lionel. (See Kraemer, G., and Bergeron.)
Berges, Donald M., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Electromagnetic device. 2,145,021; Jan. 24.
Berges, Donald M., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Internal combustion engine. 2,160,324; May 30.
Bergevin, Charles R., and E. W. Halvorsen, assignors to The Torrington Manufacturing Company, Torrington, Conn. Spring coiling machine. 2,170,984; Aug. 29.
Bergey, Elmer. (See Shisler, G. M., and Bergey.)
Bergey, William H., Smneytown, Pa. Liquid-fuel-burning apparatus. 2,168,859; Aug. 8.
Bergh, William, San Francisco, Calif. Curtain-rod support. 2,175,501; Oct. 10.
Berghaus, Bernhard. (See Burkhardt, W., and Reinecke.)
Berghaus, Bernhard. (See Burkhardt, W., and Reinecke, assignors.)
Berghoefer, Victor A. (See Rice, C. J., and Berghoefer.)
Berghoff, Ivar B., Stockholm, Sweden. Manufacture of articles molded from cellulosic fibrous pulp. 2,161,224; June 6.
Bergholm, Harry K., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,169,214; Aug. 15.
Bergius, Friedrich, Heidelberg, H. Koch, Mannheim-Rheinau, and H. Zimmermann, Heidelberg, Germany, assignors to N. V. Internationale Suiker en Alcohol Compagnie International Sugar and Alcohol Company "Isaco", The Hague, Netherlands. Obtaining alcohol by fermentation of liquids containing carbohydrate. 2,146,326; Feb. 7.
Berglund, Emil, et al. (See Nilson, Harold, assignor.)
Bergman, Donald J., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,149,831; Mar. 7.
Bergman, Sven R., Nahant, Mass., assignor to General Electric Company. Motor. 2,152,458; Mar. 28.
Bergmann, Armin. (See Kotz, F., and Bergmann.)
Bergmann, Christian N., Pittsburgh, assignor of two-sixths to C. M. Clarke, Sewickley, Pa. Container conveyer and distributor. 2,156,105; Apr. 25.
Bergmann, Christian N., Pittsburgh, assignor of two-sixths to C. M. Clarke, Sewickley, Pa. Container conveyer and distributor. 2,167,343; July 25.
Bergmann, Christian N., Pittsburgh, assignor of two-sixths to C. M. Clarke, Sewickley, Pa. Container conveyer and distributor. 2,168,191; Aug. 1.
Bergmann, Ernst R., assignor to Goodman Manufacturing Company, Chicago, Ill. Feeding head for reciprocating or shaker conveyers. Re. 21,027; Mar. 14.
Bergmann, Ernst R., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,149,158; Feb. 28.
Bergmann, Ernst R., assignor to Goodman Manufacturing Company, Chicago, Ill. Feeding mechanism for shaker or jigging conveyers. 2,154,060; Apr. 11.
Bergmann, Ernst R., assignor to Goodman Manufacturing Company, Chicago, Ill. Feeding head for reciprocating or shaker conveyers. 2,161,002; June 6.
Bergmann, Richard F. (See Sayers, W. W., Bergmann, and Watson.)
Bergmann, Theodor E., Schoeneberg, near Berlin, Germany. Metallic cartridge belt. 2,163,725; June 27.
Bergmans, Jan. (See de Jong, H., Bergmans, and Kortenray.)

Bergmans, Jan, H. van der Veen, and W. L. Vervest, Eindhoven, Netherlands, assignors to General Electric Company. Electric lamp. 2,144,521; Jan. 17.
Bergner, Nore E., Stockholm, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal separator provided with special discharges. 2,171,136; Aug. 29.
Bergstein, Edna M., et al., trustees. (See Bergstein, Samuel, assignor.)
Bergstein, Edna M. (See Bergstein, Robert M., assignor.)
Bergstein, Edna M., trustee. (See Bergstein, Samuel, assignor.)
Bergstein, Robert M., Cincinnati, Ohio. Packaging. 2,166,389; July 18.
Bergstein, Robert M., Cincinnati, Ohio, assignor to E. M. Bergstein and himself, as trustees. Container. 2,154,083; Apr. 11.
Bergstein, Robert M., assignor to E. M. and R. M. Bergstein, trustees, Cincinnati, Ohio. Dividing liner for cartons and making same. 2,154,085; Apr. 11.
Bergstein, Robert M., assignor to E. M. and R. M. Bergstein, Cincinnati, Ohio, as trustees. Machine for combining bags and cartons. 2,166,388; July 18.
Bergstein, Robert M., Cincinnati, Ohio, assignor to E. M. Bergstein and himself, as trustees. Packaging structure. 2,170,364; Aug. 22.
Bergstein, Robert M., trustee, et al. (See Bergstein, Samuel, assignor.)
Bergstein, Robert M., et al., trustees. (See Bergstein, Samuel, assignor.)
Bergstein, Samuel, Cincinnati, Ohio, assignor to E. M. and R. M. Bergstein, trustees. Method and means for sealing paperboard blanks. 2,145,334; Jan. 31.
Bergstein, Samuel, assignor to E. M. and R. M. Bergstein, trustees, Cincinnati, Ohio. Mechanism and method for reinforcing one-piece boxes. 2,145,682; Jan. 31.
Bergstein, Samuel, Cincinnati, Ohio, assignor to E. M. and R. M. Bergstein, as trustees. Machine for making knock-down boxes. 2,149,111; Feb. 28.
Bergstein, Samuel, assignor to E. M. and R. M. Bergstein, Cincinnati, Ohio, as trustees. Extension edge box. 2,154,084; Apr. 11.
Bergstrom, Albert L. (See Klamp, P., and Bergstrom.)
Bergstrom, Carl O., assignor to B. F. Sturtevant Company, Boston, Mass. Centrifugal fan. 2,142,834; Jan. 3.
Bergstrom, Carl O., assignor to B. F. Sturtevant Company, Boston, Mass. Centrifugal fan. 2,148,254; Feb. 21.
Bergstrom, Hilding O. V., Stocksund, near Stockholm, and K. N. Cederquist, Stockholm, Sweden. Treating wood or lignine or cellulose containing materials for obtaining valuable products. 2,177,557; Oct. 24.
Bergström, Roar H., Halmstad, Sweden. Holder block for tool holders. 2,148,852; Feb. 28.
Bergström, Roar H., Halmstad, Sweden. Tool holder. 2,150,959; Mar. 21.
Bergstrom, William A., Chicago, Ill., assignor to Renchtite Spring Nut Company, San Francisco, Calif. Nut and making the same. 2,164,304; July 4.
Bergstrom, William A., Chicago, Ill., assignor to Renchtite Spring Nut Company, San Francisco, Calif. Nut lock blank. 2,164,305; July 4.
Bergwall, Ernst, Varnamo, Sweden. Saddle for bicycles, motorcycles, or the like. 2,173,224; Sept. 19.
Berhenke, Cora E., et al. (See Maher, James M., assignor.)
Berhenke, Luther F. (See Coleman, G. H., and Berhenke.)
Beria, Biagio, Turin, Italy. Keyboard for cash registers and other calculating machines. 2,174,150; Sept. 26.
Beringer, Roscoe, assignor to General Motors Corporation, Detroit, Mich. Clutch. 2,171,908; Sept. 5.
Berke, Aaron, Brooklyn, N. Y. Handle box. 2,164,561; July 4.
Berkheimer, Benjamin F., Greenville, Ohio. Heat transfer device. 2,171,642; Sept. 5.
Berkheimer, Benjamin F., Greenville, Ohio. Duo-functional cook and heating stove. 2,180,788; Nov. 21.
Berkowitz, Robert. (See Wallace, A. L., and Berkowitz.)
Berkowitz, Robert, assignor to Metal Hose & Tubing Co., Inc., Brooklyn, N. Y. Manufacturing hose. 2,146,559; Feb. 7.
Berks, Elizabeth L., Brooklyn, N. Y. Automatic temperature regulator. 2,172,828; Sept. 12.
Berkshire Knitting Mills. (See Göttler, Martin, assignor.)
Berkshire Upholstered Furniture Company. (See Munroe, Percy R., assignor.)
Berl, Ernst, Pittsburgh, Pa. Manufacture of cellulose esters. 2,175,103; Oct. 3.
Berl, Ernst, Allegheny County, Pa. Pressure synthesis of sulphuric acid. 2,184,707; Dec. 26.
Berlek, Josef, assignor to Oesterreichisch Amerikanische Magnesit Aktiengesellschaft, Radentheim, Austria. Mortarless brickwork. 2,148,054; Feb. 21.
Berley, Max E. (See Larsen, B. M., Berley, and Heindlhofer.)
Berlin, Donovan R., Eggertsville, N. Y., assignor to Curtiss-Wright Corporation. Aircraft power plant. 2,165,443; July 11.
Berlin, Donovan R., Eggertsville, W. O. Watson, Kenmore, and W. Tydon, Buffalo, N. Y., assignors, by mesne assignments, to Curtiss-Wright Corporation. Retractable landing gear. 2,150,537; Mar. 14.
Berlin, Ludwig W. (See Runne, E., and Berlin.)
Berlin, Ludwig W. (See Schlichenmaier, H., and Berlin.)
Berlin, Ludwig W. (See Schlichenmaier, H., Hoyer, and Berlin.)
Berlin, Samuel H. (See Wolfson, D., and Berlin.)
Berline, Sylvain. (See Gutton, H., and Berline.)
Berliner, Eleanor S., Westchester County, assignor to Injection Moulding Corp., New York, N. Y. Folding rat-tail comb. 2,154,120; Apr. 11.
Berliner, Henry A., Washington, D. C., assignor, by mesne assignments, to Engineering and Research Corporation, Riverdale, Md. Propeller. 2,146,367; Feb. 7.
Berliner, Henry A., Washington, D. C., assignor, by mesne assignments, to Engineering and Research Corporation, Riverdale, Md. Securing nailing strips to metal bodies. 2,160,258; May 30.
Berliner, Henry A., Washington, D. C., assignor, by mesne assignments, to Engineering and Research Corporation, Riverdale, Md. Variable pitch propeller. 2,164,489; July 4.
Berliner, Henry A., Washington, D. C., assignor, by mesne assignments, to Engineering and Research Corporation, Riverdale, Md. Variable pitch propeller. 2,164,490; July 4.
Berliner, Julius, F. T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Softening plastic sheets. 2,159,926; May 23.
Berluti, Ercole R., Saginaw, Mich., assignor of one-half to M. E. Dayton and one-half to B. St. John, Rockford, Ill. Trailer hitch. 2,178,094; Oct. 31.
Berman, Aaron R., Brooklyn, N. Y. Composite lubrication seal. 2,161,003; June 6.
Berman, Benjamin F., and C. Litwack, Cincinnati, Ohio; said Litwack assignor to said Berman. Button machine. 2,175,737; Oct. 10.
Berman, Bertha, New York, N. Y. Tooth brush protector. 2,154,486; Apr. 18.
Berman, Nathan, Atlantic City, N. J. Dust bag for vacuum cleaners. 2,171,909; Sept. 5.
Berman, Oscar, Cincinnati, Ohio. Garment. 2,155,076; Apr. 18.
Bermingham, Thomas J. (See Donald, Louis, assignor.)
Bernard, David G., assignor, by mesne assignments, to D. M. Carter, Chicago, Ill. Roll of paper for high speed pasters. 2,149,832; Mar. 7.
Bernard, David G., assignor, by mesne assignments, to D. M. Carter, Chicago, Ill. Preparing a roll of paper for high speed pasters. 2,149,833; Mar. 7.
Bernard, David G., assignor, by mesne assignments, to Donald M. Carter, Chicago, Ill. Device for delivering paper to printing presses. 2,165,026; July 4.
Bernard, Marcel, Paris, assignor to Compagnie Generale de Telegraphie Sans Fil. Telecontrol system. 2,173,154; Sept. 19.
Bernard, Walter W., Greeneville, Tenn. Pipe. 2,156,171; Apr. 25.
Bernarde, Henry L. (See Stickney, F. S., and Bernarde.)
Bernarde, Henry L. (See Young, D. A., and Bernarde.)
Bernarde, Henry L., Kearny, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Remote metering system. 2,147,423; Feb. 14.
Bernarde, Henry L., Kearny, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Making measuring instrument pointers. 2,157,845; May 9.
Bernarde, Henry L., Kearny, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electronic apparatus. 2,175,869; Oct. 10.
Bernasconi, Eduard. (See Gubler, H., and Bernasconi.)
Bernay, Henri B., New York, N. Y. Pruning implement. 2,184,332; Dec. 26.
Berndt, Arthur A., assignor to Electroline Corporation, Chicago, Ill. Tap connecter. 2,157,846; May 9.
Berndt, Arthur A., assignor to Electroline Company, Chicago, Ill. Reclaiming member and entrance guide for connectors. 2,166,457; July 18.
Berndt, Arthur A., and H. C. Nycum, assignors to Electroline Company, Chicago, Ill. Connector. 2,166,458; July 18.
Berndt, Eric M., assignor to The Berndt-Maurer Corp., New York, N. Y. Film guiding means. 2,164,375; July 4.
Berndt, Franz. (See Mengeringhausen, E., and Berndt.)
Berndt, Fritz. (See Gericke, P. H., v. Baumbach, and Berndt.)
Berndt, Hans R., Chemnitz, and R. E. C. Schulz, Berlin-Spandau, assignors to Auto Union Aktiengesellschaft, Chemnitz, Germany. Vehicle body. 2,169,788; Aug. 15.
Berndt, Herman R., Rhinelander, Wis. Sled. 2,176,783; Oct. 17.
Berndt, Karl, Chemnitz, Germany. Method and apparatus for simultaneously spinning and twisting artificial threads. 2,150,354; Mar. 14.
Berndt, Karl, Tilsit-on-the-Memel, Germany. Device for spinning artificial silk threads. 2,159,961; May 30.
Berndt, Karl, Tilsit-on-the-Memel, Germany. Device for simultaneously spinning and twisting artificial silk threads. 2,164,376; July 4.
Berndt-Maurer Corp., The. (See Berndt, Eric M., assignor.)
Berndt, Walter, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Vertical antenna. 2,149,415; Mar. 7.

Berndt, Walter, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna. 2,153,292; Apr. 4.
Berndt, Walter, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna. 2,163,743; June 27.
Berndt, Walter, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Variable-length antenna. 2,168,860; Aug. 8.
Berndt, Walter, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Vertical antenna. 2,170,849; Aug. 29.
Berndt, Walter, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Variable capacitive voltage divider. 2,176,451; Oct. 17.
Berndt, Walter, Frankfort-on-the-Main-Hochst, and O. Wulff, Konigstein in Taunus, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Hydrogenating monovinylacetylene. 2,145,387; Jan. 31.
Bernegau, Carl M., assignor to Keuffel & Esser Company, Hoboken, N. J. Slide rule. 2,168,056; Aug. 1.
Berneike, John G., Anaheim, Calif. Nut cracking apparatus. 2,175,425; Oct. 10.
Berner, Leo, Huntington Park, Calif. Drag bucket control. 2,168,643; Aug. 8.
Bernhard, Albrecht, G. Beyrich, and H. Habermann, assignors to Metrawatt Aktiengesellchaft, Fabrik Elektrischer Messgeraete, Nuremberg, Germany. Photoelectric exposure meter. 2,147,396; Feb. 14.
Bernhard, Albrecht, and G. Beyrich, assignors to Metrawatt Aktiengesellschaft Fabrik Elektrische Messgeraete, Nuremberg, Germany. Photoelectric exposure meter. 2,147,961; Feb. 21.
Bernhard, Albrecht, and G. Beyrich, Nuremberg, Germany, assignors to Metrawatt Aktiengesellschaft, Fabrik Elektrischer Messgeraete. Photoelectric exposure meter. 2,150,047; Mar. 7.
Bernhard, Hans, Zurich, Switzerland. Collapsible umbrella. 2,168,188; Aug. 1.
Bernhard, Herman E., Westfield, N. J. Stereoscopic picture. 2,144,253; Jan. 17.
Bernhardt, Louis J., Cleveland, Ohio. Center finder and indicator for lathes and the like. 2,150,577; Mar. 14.
Bernhardt, Paul, assignor to Loeffelholz Company, Milwaukee, Wis. Ventilator. 2,179,707; Nov. 14.
Bernhardt, Rudolph, Chicago, Ill. Clothes hanger. 2,150,484; Mar. 14.
Bernhardt, Rudolph, Chicago, Ill. Dispenser. 2,150,485; Mar. 14.
Bernhardt, Rudolph, Chicago, Ill. Hanger for garments. 2,155,886; Apr. 25.
Bernhardt, Rudolph, Chicago, Ill. Dispenser. 2,155,887; Apr. 25.
Bernhardt, Rudolph, Chicago, Ill. Sprayer. 2,158,318; May 16.
Bernhardt, Ted W., San Fernando, Calif. Concealed carpet tacking tape. 2,166,578; July 18.
Bernholz, Herman, New York, and J. Sullivan, Flushing, N. Y. Indicating device. 2,146,005; Feb. 7.
Bernier, Adler H., Detroit, Mich. Vehicle. 2,183,534; Dec. 19.
Bernier, Edouard, Chicago, assignor of one-half to George A. Scheibel, Wilmette, Ill. Erasing device. 2,163,018; June 20.
Bernitt, Charles E. (See McKee, G. K., and Bernitt.)
Berno, Edward H., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,167,706; Aug. 1.
Bernstein, Harry L., et al. (See Coughlin, Thomas B., assignor.)
Bernstein, Jacob, Omaha, Nebr. Transport tank structure. 2,168,615; Aug. 8.
Bernstein, Samuel S., Beverly Hills, Calif. Attaching means for coil springs and the like. 2,180,500; Nov. 21.
Bernstein, Wilburn F. (See Heinze, W. A., and Bernstein.)
Bernstein, Wilburn F. (See Peterson, R. O., and Bernstein.)
Bernstein, Wilburn F. (See Victor, J. H., Heinze, and Bernstein.)
Berolzheimer, Clarence P., assignor to Diamond Braiding Mills, Chicago Heights, Ill. Shoelace package. 2,185,100; Dec. 26.
Berquist, Frank O., Somerville, Mass. Plowshare guard. 2,181,007; Nov. 21.
Berres, Carl. (See Müller, W., and Berres.)
Berrian, Walter C., San Bruno, Calif. Computing scale. 2,154,804; Apr. 18.
Berry, Charles, Abilene, Tex. Spring wheel. 2,148,924; Feb. 28.
Berry, Curtis. (See Douglas, W. A., and Berry.)
Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Reel. 2,142,777; Jan. 3.
Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Vacuum forming paper making machine. 2,154,719; Apr. 18.
Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Automatic lubricant overbalance for table rolls. 2,165,442; July 11.
Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Forming wire support for paper machines. 2,170,109; Aug. 22.
Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Stock feed box for paper machines. 2,171,739; Sept. 5.
Berry, Earl E., and L. Hornbostel, assignors to Beloit Iron Works, Beloit, Wis. Journal bearing. 2,173,225; Sept. 19.
Berry, Earl E., assignor to Beloit Iron Works, Beloit, Wis. Paper winder. 2,176,198; Oct. 17.
Berry, Ethel Y., North Hollywood, Calif. Finger-grip comb. 2,150,260; Mar. 14.
Berry, F. E., Jr., & Co. (See Thompson, Richard C., assignor.)
Berry, George P., assignor to General Motors Corporation, Detroit, Mich. Valve lubrication. 2,155,855; Apr. 25.
Berry, Jack T., assignor to Main Belting Company, Philadelphia, Pa. Enrober belt. 2,172,341; Sept. 12.
Berry, Paul F., Columbus, Ohio. Fastening device. 2,178,160; Oct. 31.
Berry, Roy, Olney, Ill. Attachment assembly for liquid coolers. 2,156,834; May 2.
Berry, Russell G., Maplewood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor mechanism. 2,183,636; Dec. 19.
Berry, Theodore M., Schenectady, N. Y., assignor to General Electric Company. Follow-up device. 2,167,484; July 25.
Berryhill, Joseph B., Combes, Tex. Plow. 2,164,693; July 4.
Berryman, Elmer H., San Francisco, Calif. Furnace. 2,180,577; Nov. 21.
Berryman, Harry H., Chicago, Ill. Flexible coupling for shafts. 2,170.627; Aug. 22.
Berst-Forster–Dixfield Co. (See Rahe, Samuel E., assignor.)
Berstler, Carl E., Reading, assignor of eighteen seventy-five one-hundredths to R. T. Scull, Wyomissing Hills, eighteen seventy-five one-hundredths to J. T. Bair, Reading, eighteen seventy-five one-hundredths to A. W. Golden, Wyomissing, and eighteen seventy-five one-hundredths to G. S. Weinerth, Reading, Pa. Valve structure. 2,145,208; Jan. 24.
Berstler, Carl E., Reading, Pa., assignor of eighteen and seventy-five one-hundredths per cent to R. T. Scull, Wyomissing Hills, eighteen and seventy-five one hundredths per cent to A. W. Golden, Wyomissing, eighteen and seventy-five one-hundredths per cent to J. T. Bair, and eighteen and seventy-five one-hundredths per cent to G. S. Weinerth, Reading, Pa. Valve. 2,152,428; Mar. 28.
Bersworth, Frederick C., Verona, assignor to The Martin Dennis Company, Newark, N. J. Producing complex metal amine salts. 2,173,823; Sept. 26.
Bertel, Charles A., New Orleans, La. Apparatus for handling bales and the like. 2,150,960; Mar. 21.
Bertell, Paul. (See La Hodny, W., and Bertell.)
Bertelli, Victor, South Gate, and W. M. Shrode, Golita, Calif. Surf-fishing device. 2,173,511; Sept. 19.
Berthold, Erich, and J. Mueller, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the anthraquinone series. 2,147,569; Feb. 14.
Berthold, Erich, and J. Mueller, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the anthraquinone series. 2,147,570; Feb. 14.
Berthold, Walter K., Rockville, assignor to Hartford-Empire Company, Hartford, Conn. Glassware takeout and fire-finishing device. 2,182,166; Dec. 5.
Berthold, Walter K., Rockville, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for cooling glassware. 2,182,167; Dec. 5.
Bertnolli, Edward C., and K. D. Cornell, assignors to Great Lakes Pipe Line Company, Kansas City, Mo. Voice operated repeater. 2,164,185; June 27.
Bertogliat, Dominic. (See Rembert, E. W., and Bertogliat.)
Bertossa, Harry A., Detroit, assignor of one-half to J. R. Weeks, Birmingham, Mich. Heater. 2,164,377; July 4.
Bertoye, Louis, assignor to Societe Fonciere Industrielle et Commerciale, Paris, France. Signboard with removable letters. 2,166,036; July 11.
Bertram, Hendrik C., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. X-ray apparatus. 2,184,174; Dec. 19.
Bertram, Simon H., assignor, by mesne assignments, to N. V. Industrieele Exploitatie Maatschappij, The Hague, Netherlands. Fat-hardening process. 2,165,530; July 11.
Bertram, William A. (See Petersen, Elmer W., assignor.)
Bertran, Benjamin E. and J. A., Los Angeles, Calif. Preparing holes for concrete footings. Re. 21,241; Oct. 24.
Bertran, Josie A. (See Bertran, Benjamin E. and J. A.)
Bertrand, Andre. (See Bertrand, Jean, assignor.)
Bertrand, Arthur B., Bokeelia, Fla., assignor to Burgess Battery Company, Chicago, Ill. Electric lantern. 2,165,531; July 11.
Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Connecting means. 2,173,155; Sept. 19.
Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon insoles and method which may be performed thereby. 2,173,957; Sept. 26.

Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Insole-covering machine. 2,173,958; Sept. 26.
Bertrand, Frederic E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Channel closing machine. 2,176,165; Oct. 17.
Bertrand, Jean, assignor to Andre Bertrand, Mont-Rolland, Quebec, Canada. Stirrup for skis. 2,152,527; Mar. 28.
Bertrand, Lucien, assignor to Société Anonyme Francaise du Ferodo, Paris, France. Brake. 2,157,277; May 9.
Bertrand, Perre L., Long Beach, Calif. Toilet bowl ventilating device. 2,148,896; Feb. 28.
Bertrand, Pierre, Paris, France, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Apparatus for the drawing of sheet glass. 2,164,048; June 27.
Bertrand, Raymond, Brussels, assignor to Compagnie Internationale des Pieux Armés Frankignoul, Société Anonyme, Liege, Belgium. Constructing foundation piles. 2,169,789; Aug. 15.
Bertrand, William A. (See Smith, L. G., and Bertrand.)
Bertsch, Johann A., assignor to Monsanto Chemical Company, St. Louis, Mo. Preparing cyclohexyl amines. 2,184,070; Dec. 19.
Bertwell, William. (See Hewes, L. I., and Bertwell.)
Berwick, Albert G. (See Berwick, Frederick W. and A. G.)
Berwick, Frederick W. and A. G., Streatham, London, England, assignors, by mesne assignments, to The De Laval Separator Company, New York, N. Y. Device for delivering measured quantities of liquid. 2,180,702; Nov. 21.
Berwick, Jay W., Woodcliff, N. J., assignor to Raylite Trading Company. Lighting device. 2,164,378; July 4.
Berwick, Jo D., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Flanged hose and method of making. 2,150,412; Mar. 14.
Besal, Joseph A. (See Youngfelt, T. T., Besal, and Hurd.)
Bescherer, Palmer, assignor to York Safe and Lock Company, York, Pa. Door structure. 2,148,008; Feb. 21.
Besemann, Franz. (See Jaeger, M., and Besemann.)
Besler, William J., Plainfield, N. J. Brake mechanism for motor vehicles. 2,149,159; Feb. 28.
Besler, William J., Plainfield, N. J. Railway truck. 2,155,781; Apr. 25.
Bess, Robert H., Downey, Calif. Mail box. 2,179,913; Nov. 14.
Bessac, Henri B., Glen Ranch, assignor to H. C. Chase, Los Angeles, Calif. Plant protector. 2,143,257; Jan. 10.
Bessemer, Lester E., assignor to Collins Radio Company, Cedar Rapids, Iowa. Dynatron oscillation system. 2,175,174; Oct. 10.
Bessett, Worthington S., assignor to W. S. Bessett, Inc., Lynn, Mass. Edge-binding machine. 2,175,050; Oct. 3.
Bessett, W. S., Inc. (See Bessett, Worthington S., assignor.)
Bessette, Homer J., assignor to Le Boeuf-Pilgrim Pen Co., Inc., Springfield, Mass. Fountain pen. 2,148,853; Feb. 28.
Bessom, Earl A., Meadville, Pa., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping uppers over lasts. 2,166,936; July 25.
Bessonneau, Maurice, Puteaux, France. Folding hood for automobile vehicles or the like. 2,157,783; May 9.
Best Containers, Inc. (See Hathaway, Frank P., assignor.)
Best, Cyril, assignor to Molins Machine Company Limited, Deptford, London, England. Weigh beam damping device. 2,180,893; Nov. 21.
Best, Cyril, assignor to Molins Machine Company Limited, Deptford, London, England. Conveyance of cigarettes. 2,183,664; Dec. 19.
Best Foods, Inc., The. (See Haurand, C. H., Neal, and Vahlteich, assignors.)
Best Foods, Inc., The. (See Schaub, Jacob, assignor.)
Best, Frank A., Windsor, Ontario, Canada. Cover for steering wheels. 2,157,950; May 9.
Best, Frank C., Detroit, Mich., assignor, by mesne assignments, to R. C. Watson and J. Bailey, Jr., trustees, Washington, D. C. Motor vehicle. 2,152,233; Apr. 4.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,155,750; Apr. 25.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,156,580; May 2.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Brake for motor vehicles. 2,157,473; May 9.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,165,332; July 11.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Safety device. 2,166,747; July 18.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,167,868; Aug. 1.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,169,335; Aug. 15.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,169,336; Aug. 15.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,175,374; Oct. 10.
Best, Frank C., assignor to Packard Motor Car Company, Detroit, Mich. Clutch mechanism. 2,181,649; Nov. 28.
Best, John, Detroit, Mich. Pipe wrench. 2,167,145; July 25.
Best, John G., assignor to General Animated Signs, Limited, Toronto, Ontario, Canada. Illuminated sign apparatus and method. 2,168,113; Aug. 1.
Best, Leonard E. (See Durham, W. C., and Best.)
Best, Leonard E., East Orange, N. J., and W. C. Durham, Winchester, assignors to Compo Shoe Machinery Corporation, Boston, Mass. Shoe press pad. 2,143,101; Jan. 10.
Best, Theodore H., Diamond Springs, Calif. Sawmill carriage setwork. 2,175,822; Oct. 10.
Bester, Leonard R., Staten Island, N. Y. Ship hull construction. 2,158,214; May 16.
Bestian, Herbert. (See Kränzlein, G., Bestian, and Schnurr.)
Beth, Hugo W. H., assignor to Norton Company, Worcester, Mass. Segmental abrasive wheel. 2,168,283; Aug. 1.
Bethell, Hugh F., Norwalk, Conn. Amusement device. 2,174,716; Oct. 3.
Bethenod, Joseph, Paris, France, assignor to Société Anonyme pour les Applications de l'Electricité et des Gaz Rares Etablissements Claude-Paz & Silva. Induction excitation of electric discharge tubes. 2,149,414; Mar. 7.
Bethenod, Joseph, Paris, France, assignor to Societe Anonyme pour les Applications de l'Electricite et des Gaz Rares, Etablissements Claude-Paz & Silva. Apparatus for exciting luminous tubes. 2,177,858; Oct. 31.
Bethenod, Joseph, assignor to Société Anonyme pour les Applications de l'Electricite et des Gaz Rares, Etablissements Claude-Paz & Silva, Paris, France. Device for starting and feeding electric discharge tubes. 2,182,609; Dec. 5.
Bethenod, Joseph, and D. A. Kayser, assignors to Societe Anonyme pour les Applications de l'Electricité et des Gaz Rares, Etablissements Claude-Paz et Silva, Paris, France. Electric discharge apparatus. 2,177,684; Oct. 31.
Bethke, Leo, Melrose Park, assignor of one-half to S. W. Bradstreet, Maywood, Ill. Tooth powder dispenser. 2,180,389; Nov. 21.
Bethlehem Shipbuilding Corporation. (See Hunter, James B., assignor.)
Bethlehem Steel Company. (See Buckner, George J., assignor.)
Bethlehem Steel Company. (See Cooper, William W., assignor.)
Bethlehem Steel Company. (See Epstein, S., and Larson, assignors.)
Bethlehem Steel Company. (See Hammeren, Hans, assignor.)
Bethlehem Steel Company. (See Kinney, James A., assignor.)
Bethlehem Steel Company. See Lehr, Charles E., assignor.)
Bethlehem Steel Company. (See Madden, James P., assignor.)
Bethlehem Steel Company. (See Morgan, Rees C., assignor.)
Bethlehem Steel Company. (See McCracken, Joseph E., assignor.)
Bethlehem Steel Company. (See Rozmarich, Alois, assignor.)
Bethlehem Steel Company. (See Schenck, Charles, assignor.)
Bethlehem Steel Company. (See Schenck, C., and Miller, assignors.)
Bethlehem Steel Company. (See Steffensen, Percy L., assignor.)
Bethlehem Steel Company. (See Tesseyman, J. E., and Miller, assignors.)
Betourne, Armand A., San Diego, Calif. Combined sunshade and tent. 2,159,309; May 23.
Betry, Owen C., Glendale, Calif. Fuel vaporizer and mixer. 2,175,738; Oct. 10.
Bettag, Ludwig. (See Wolff, P. H., Heim, Winter, and Bettag.)
Bettendorf Company, The. (See Hamilton, Karl M., assignor.)
Bettenhausen, Arnold H., Princeton, assignor of one-half to F. A. Austin, Lincoln, Nebr. Tray, drawer, or the like. 2,163,931; June 27.
Betterton, Jesse O., Metuchen, A. J. Phillips, Plainfield, and A. A. Smith, Jr., Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Lead alloys. 2,142,835; Jan. 3.
Betterton, Jesse O., Metuchen, A. J. Phillips, Plainfield, and A. A. Smith, Jr., Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Lead alloys. 2,142,836; Jan. 3.
Betterton, Jesse O., Metuchen, A. J. Phillips, Plainfield, and A. A. Smith, Jr., Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Alloy. 2,159,124; May 23.
Betterton, Jesse O., and Y. E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Lead alloy. 2,163,368; June 20.
Betterton, Jesse O., and Y. E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Lead alloy. 2,163,369; June 20.
Betterton, Jesse O., and Y. E. Lebedeff, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Recovering tin. 2,173,268; Sept. 19.

Betterton, Jesse O., Metuchen, and M. F. Perkins, Elizabeth, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Recovering zinc. 2,183,535; Dec. 19.
Bettington, Egerton M., Four Trees, Spring Grove, Loughton, assignor to Aviation Developments Limited, London, England. Riveting. 2,146,461; Feb. 7.
Bettis, Leslie W. (See Levy, Solomon M., assignor.)
Bettis, Wilbur F., assignor to M. O. Johnston, Glendale, Calif. Fluid release device. 2,149,659; Mar. 7.
Bettis, William I., Los Angeles, assignor to E. B. Kleaver, Burbank, Calif. Casing protector. 2,163,932; June 27.
Bettis, William I., Los Angeles, assignor to E. B. Kleaver, Burbank, Calif. Well casing protector. 2,166,116; July 18.
Bettis, William I., Los Angeles, assignor to E. B. Kleaver, Burbank, Calif. Drill-pipe buffer. 2,166,937; July 25.
Bettison, David C. (See Dickinson, L. D. and Bettison.)
Bettison, David C., Omaha, Nebr. Railway signaling apparatus. 2,147,397; Feb. 14.
Betts, Earl W., Tampa, assignor of one-fourth to R. M. Hosmer and one-fourth to W. B. Clark, Bartow, Fla. Utility shelf for automobiles. 2,161,275; June 6.
Betts, Harold C. (See Lang, O. W., and Betts.)
Betts, Laurence M., Seattle, Wash., assignor to Wagner Electric Corporation, St. Louis, Mo. Brake control mechanism. 2,183,803; Dec. 19.
Betz, Lyman B., Hammond, Ind. Refrigeration. 2,166,283; July 18.
Betz, Paul L., Baltimore, Md., and S. Karrer, Washington, D. C., assignors to Consolidated Gas Electric Light and Power Company of Baltimore, Baltimore, Md. Safety device for gas burners. 2,144,399; Jan. 17.
Betz, Paul L., Baltimore, Md., and S. Karrer, Washington, D. C., assignors to Consolidated Gas Electric Light and Power Company, Baltimore, Md. Safety device for gas burners. 2,156,235; Apr. 25.
Betz, Paul L., Baltimore, Md., and S. Karrer, Washington, D. C., assignors to Consolidated Gas Electric Light and Power Company of Balimore, Baltimore, Md. Thermo-electrically controlled device. 2,164,694; July 4.
Betz, William G., Bronx, N. Y. Piano action. 2,156,961; May 2.
Betz, William G., Bronx, N. Y. Piano action. 2,156,962; May 2.
Betz, William G., La Porte, Ind. Piano action. 2,156,963; May 2.
Betz, William, Elizabeth, N. J. Stamp holder. 2,157,226; May 9.
Betzing, Peter R., Los Angeles, Calif. Rod coupling. 2,168,759; Aug. 8.
Betzler, Martin, Neuruppin, Germany, assignor to C-O-Two Fire Equipment Company, Newark, N. J. Discharge horn for nonconducting fluids. 2,151,076; Mar. 21.
Betzold, Max F., assignor to Rascher & Betzold, Inc., Chicago, Ill. Blast burner. 2,153,497; Apr. 4.
Betzold, Max F., C. Rascher, and C. A. Torp, assignors to Rascher & Betzold, Inc., Chicago, Ill. Burette. 2,158,102; May 16.
Beuermann, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Direction finder. 2,145,286; Jan. 31.
Beuermann, Wilhelm, assignor to Telefunken Gesellschaft fur Drahtlose Telegraphie m. b. H., Berlin, Germany. Electric indicating device. 2,162,239; June 13.
Beurdeley, André, Paris, France. Shock absorber for vehicles. 2,178,332; Oct. 31.
Beusch, Christian, Wadenswil, assignor to the Corporation of Beusch-Bremsen-Aktiengesellschaft, Zurich, Switzerland. Device for braking vehicles. 2,147,082; Feb. 14.
Beusch, Willi, and W. Zingg, Zug, Switzerland, assignors to Landis & Gyr, A.-G. Registering mechanism. 2,145,069; Jan. 24.
Beutke, Frank B., Maricopa County, Ariz. Shield for disk harrows. 2,146,931; Feb. 14.
Beutler, Herman L. (See Palmer, E. W., and Beutler.)
Beutner, Reinhard, Philadelphia, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Drying ointment. 2,184,575; Dec. 26.
Bevan, John G., assignor to Guggenheim Brothers, New York, N. Y. Treating sewage. 2,167,443; July 25.
Bevan, John G., assignor to Guggenheim Brothers, New York, N. Y. Treating sewage. 2,177,857; Oct. 31.
Beverage, Harold H. (See Knotts, W. L., and Beverage.)
Beverage, Harold H., Riverhead, N. Y., assignor to Radio Corporation of America. Electrical energy measuring circuit. 2,144,215; Jan. 17.
Beverage, Harold H., Riverhead, N. Y., assignor to Radio Corporation of America. Amplitude modulation reception. 2,173,156; Sept. 19.
Beveridge-Marvellum Company, The. (See Shearer, Walter V., assignor.)
Bevington, John E., East Cleveland, assignor to S. J. Evans, Cleveland, Ohio. Container. 2,169,892; Aug. 15.
Bevins, James E., Bronx, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Rate of climb indicator. 2,147,962; Feb. 21.
Bevins, James E., Bronx, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Tachometer. 2,159,125; May 23.
Beweg A.-G., Werkstätte für das Graphische Gewerbe. (See Oppliger, Ernst, assignor.)
Bewley, Loyal V. (See Blume, L. F., and Bewley.)
Beyar, Charles E., Brooklyn, N. Y. Electrical flatiron. 2,164,287; June 27.
Beyer, David, Cleveland, Ohio. Making twist bread. 2,159,246; May 23.
Beyer, Ernst. (See Kahn, S., and Beyer.)
Beyer, Fred H., Lockport, N. Y. Wrist-carried implement holder. 2,176,052; Oct. 17.
Beyer, Walter O., and T. R. Tarn, Pittsburgh, Pa., Coupling device. 2,184,376; Dec. 26.
Beyerle, Konrad, assignor to Anschütz & Co., G. m. b. H., Kiel-Neumuhlen, Germany. System for the electrical transfer of rotary motion. 2,157,094; May 9.
Beyerle, Konrad, Kiel, assignor to Allgemeine Elektricitatz Gesellschaft, Berlin, Germany. Coupling device. 2,158,103; May 16.
Beyerle, Konrad, assignor to Anschütz & Co., G. m. b. H., Kiel-Neumuhlen, Germany. System for the electrical transfer of rotary motion. 2,184,576; Dec. 26.
Beyerline, George, Los Angeles, Calif. Clutch pulley. 2,182,956; Dec. 12.
Beyrich, Guido. (See Bernhard, A., and Beyrich.)
Beyrich, Guido. (See Bernhard, A., Beyrich, and Habermann.)
Beyrodt, Kurt, Hartford, Conn., assignor to Electric Steam Sterilizing Company, Inc., New York, N. Y. Electric steam generator. 2,145,287; Jan. 31.
Beyster, Henry E., Detroit, Mich., assignor to A. C. Lawrence Leather Company, Peabody, Mass. Fleshing machine. 2,169,754; Aug. 15.
Bezault, Georges A. J., Juvisy-sur-Orge, assignor to Cartier, Societe Anonyme, Paris, France. Extensible jewel. 2,164,562; July 4.
Bezold, George L. (See Roosevelt, M. S., and Bezold.)
Bezzenberger, Frederick K., Cleveland, Ohio. Article of manufacture and producing same. 2,150,671; Mar. 14.
Bezzenberger, Frederick K., Cleveland Heights, Ohio, assignor to A. Kietz, Bellevue, Wash., and P. D. Spaeth, Cincinnati, Ohio. Permanent waving mechanism. 2,152,342; Mar. 28.
Bezzenberger, Frederick K., Shaker Heights, assignor to The Standard Envelope Manufacturing Company, Cleveland, Ohio. Treatment of sheet material. 2,158,560; May 16.
Biach, John L. (See Geer, C. D., and Biach.)
Biaesch, Ulrich E., Philadelphia, Pa. Holding device for cap covers or tops. 2,152,678; Apr. 4.
Bianchi, Henry E., Rutherford, N. J., assignor to G. Cella, Inc. Manufacture of confections. 2,163,579; June 27.
Bianchi, Henry E., Rutherford, N. J., assignor to G. Cella, Inc. Confection making apparatus. 2,163,580; June 27.
Bianco, Henry, Baltimore, Md., assignor, by mesne assignments, to Truscon Steel Company, Youngstown, Ohio. Window. 2,170,603; Aug. 22.
Bias, Peter, San Francisco, Calif. Canned drink. 2,143,642; Jan. 10.
Biasco, George A., New York, N. Y. Vent pipe for storage tanks. 2,152,459; Mar. 28.
Bibb, Pearl M., Fayetteville, W. Va. Rail punch. 2,156,172; Apr. 25.
Bichi, Conrad, San Francisco, Calif. Hydraulic drive means for bicycles. 2,177,381; Oct. 24.
Bichowsky, Francis R., Toledo, Ohio. Combustion means. 2,168,313; Aug. 8.
Bickel, Clifford A., assignor to The Monarch Machine Tool Company, Sidney, Ohio. Cam making machine. 2,143,258; Jan. 10.
Bickel, Clifford A., assignor to The Monarch Machine Tool Company, Sidney, Ohio. Taper forming machine. 2,184,377; Dec. 26.
Bickel, Clifford A., assignor to The Monarch Machine Tool Co., Sidney, Ohio. Form producing machine. 2,184,684; Dec. 26.
Bickel, Clifford A., and K. H. Wills, assignors to The Monarch Machine Tool Company, Sidney, Ohio. Telescopic taper attachment. 2,176,700; Oct. 17.
Bickerstaff, Judson L., Biloxi, Miss. Iced-cocktail container. 2,168,969; Aug. 8.
Bickford, Frederick E., Rye, N. Y. Packaging and package-making machine. 2,147,632; Feb. 21.
Bickford, George F., Glendale, N. Y. Waxing and polishing machine. 2,142,933; Jan. 3.
Bickle, Samuel E. (See Body, W. K., and Bickle.)
Bicusa, George M., Melrose Park, Ill. Fishing device. 2,172,931; Sept. 12.
Biddle, Oscar H., Solon, Ohio. Insulating sash. 2,156,964; May 2.
Biddle, William C. (See Corbin, Elbert A., Jr., assignor.)
Biddle, William M., Collingswood, N. J. Making shoe last models. 2,167,796; Aug. 1.
Bidwell, Earl E., assignor to Productive Inventions, Inc., Gary, Ind. Spark plug construction. 2,179,609; Nov. 14.
Bidwell, Edgar M., Clarendon Hills, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Material working apparatus. 2,169,036; Aug. 8.
Biebel, Herman M., Elgin, assignor to McGraw Electric Company, Chicago, Ill. Automatic electric toaster. 2,171,520; Sept. 5.
Bieber, Clarence G., Huntington, W. Va., assignor to The International Nickel Company, Inc., New York, N. Y. Treatment of nickel and nickel alloys and products resulting therefrom. 2,150,094; Mar. 7.

Bieber, Lynn W., Audubon, N. J., assignor to Intertype Corporation, Brooklyn, N. Y. Vise for typographical machines. 2,163,536; June 20.

Bieder, Thomas W., et al. (See Kaufman, Irving, assignor.)

Biederman, Edward G., assignor to General Motors Corporation, Detroit, Mich. Apparatus for welding. 2,163,863; June 27.

Bieker, Anthony J., Leoti, Kans. Quilting device. 2,173,748; Sept. 19.

Biele, Harry M., Hollis, N. Y. Photographic device. 2,161,004; June 6.

Biele, Harry M., Hollis, assignor to Associated Press, New York, N. Y. Scanning device. 2,155,113; Apr. 18.

Bielenberg, Carl F. (See Peiserich, F. P., and Bielenberg.)

Bieling, Carl A., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric crystal apparatus. 2,155,035; Apr. 18.

Bieling, Carl A., Westfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,161,005; June 6.

Bienz, Arthur M., Fort Wayne, Ind. Mail box. 2,144,323; Jan. 17.

Bierbach, Carl F., assignor of thirty per cent to J. F. Malley and thirty per cent to G. Massom, Newark, N. J. Direction indicating device for motor vehicles. 2,150,906; Mar. 21.

Bierbach, Carl F., Newark, N. J., assignor to A. D. S. Corp. Direction indicating device for motor vehicles. 2,150,907; Mar. 21.

Bierbach, Carl F., Newark, N. J., assignor to A. D. S. Corp. Direction indicating device for motor vehicles. 2,173,512; Sept. 19.

Bierbach, Carl F., assignor to A. D. S. Corp., Newark, N. J. Direction indicating device for motor vehicles 2,173,513; Sept. 19.

Bierer, John M., Newton, assignor to Boston Woven Hose and Rubber Company, Cambridge, Mass. Curing endless belting. 2,142,971; Jan. 3.

Bierer, John M., Waban, assignor to Boston Woven Hose and Rubber Company, Cambridge, Mass. Curing endless belts. 2,142,972; Jan. 3.

Bierer, John M., Waban, assignor to Boston Woven Hose & Rubber Company, Cambridge, Mass. Method and apparatus for vulcanizing strip material. 2,179,443; Nov. 7.

Bierer, John M., Waban, assignor to Boston Woven Hose & Rubber Company, Cambridge, Mass. Shaping and vulcanizing belting and the like. 2,179,444; Nov. 7.

Bierer, John M., Waban, assignor to Boston Woven Hose & Rubber Company, Cambridge, Mass. Vulcanizing machine. 2,182,168; Dec. 5.

Bierer, John M., Waban, assignor to Boston Woven Hose & Rubber Company, Cambridge, Mass. Belting splice and method. 2,182,169; Dec. 5.

Biermanns, Josef, Berlin-Johannisthal, Germany, assignor to General Electric Company. System for testing electrical apparatus. 2,145,707; Jan. 31.

Biermanns, Josef, Berlin-Johannithal, Germany, assignor to General Electric Company. Protection of alternating current systems. 2,180,192; Nov. 14.

Biermanns, Josef, Johannisthal, Germany, assignor to General Electric Company. Synthetic circuit breaker testing arrangement. 2,173,706; Sept. 19.

Biernatzki & Co. (See Schulz, Rudolf, assignor.)

Bierwirth, Edwin A., and H. J. Kienle, assignors to Kelsey-Hayes Wheel Company, Detroit, Mich. Making a vehicle wheel. 2,159,880; May 23.

Bigelow, George E., Southgate, and A. A. Weis, assignors of one-half to Pacific Pump Works, Huntington Park, Calif. Rotary pump for hot fluids. 2,161,695; June 6.

Bigelow, Harry K., assignor of one-half to B. S. Lurie, Columbus, Ohio. Brake drum grinding. 2,142,710; Jan. 3.

Bigelow, Harry K., Columbus, Ohio. Motor vehicle brake shoe refinisher. 2,161,125; June 6.

Bigelow, Jonas D., Yonkers, N. Y. Journal box dust guard, dust guard casing, and closure. 2,177,606; Oct. 24.

Bigelow, Leroy E., Glendale, Calif. Device for dry separation of precious metals from finely divided material. 2,160,822; June 6.

Bigelow, Oliver P., Roanoke, Ind. Ophthalmic chart. 2,184,920; Dec. 26.

Bigelow-Sanford Carpet Co. Inc. (See Hardiman, Harold V., assignor.)

Bigelow-Sanford Carpet Co. Inc. (See Knowland, Richard G., assignor.)

Bigelow-Sanford Carpet Co. Inc. (See Knowland, R. G., and Dow, assignors.)

Bigelow-Sanford Carpet Co. (See Stone, Edwin W., assignor.)

Bigg, Henry T., and S. H. Sunderland, assignors to Percy Jones (Twinlock) Limited, Beckenham, Kent, England. Tray or baseboard for use with loose leaf books. 2,171,488; Aug. 29.

Biggers, John D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Multiple glass sheet glazing construction. 2,150,355; Mar. 14.

Biggert, Florence C., Jr., Crafton, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Method and apparatus for welding strip end to end. 2,143,969; Jan. 17.

Biggert, Florence C., Jr., Crafton, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Mold. 2,152,528; Mar. 28.

Biggert, Florence C., Jr., Crafton, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Apparatus for welding metal strip end to end. 2,181,502; Nov. 28.

Biggert, Florence C., Jr., Crafton, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Vertical edging mill. 2,183,388; Dec. 12.

Biggert, Florence C., Jr., Crafton, and C. F. Buente, assignors to United Engineering & Foundry Company, Pittsburgh, Pa. Method and apparatus for treating metal. 2,158,687; May 16.

Biggert, Florence C., Jr., Crafton, and C. F. Buente, assignors to United Engineering & Foundry Company, Pittsburgh, Pa. Metal treating apparatus. 2,181,503; Nov. 28.

Biggs, John L., Chicago, Ill. Vehicle impregnator. 2,147,236; Feb. 14.

Biggs, Leonard R., Schenectady, N. Y., assignor to General Electric Company. Mercury boiler. 2,184,333; Dec. 26.

Biggs, Orrick H., Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Apparatus for treating foodstuffs. 2,145,196; Jan. 24.

Biggs, Orrick H., Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Reflector bulb lamp. 2,158,561; May 16.

Biggs, Orrick H., Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Apparatus for interiorly coating lamps, tubes, and the like. 2,160,714; May 30.

Biggs, Orrick H., Beverly, Mass., assignor to Hygrade Sylvania Corporation, Emporium, Pa. Electron-discharge tube. 2,176,199; Oct. 17.

Biggs, Orrick H., Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Reflector bulb lamp. 2,181,291; Nov. 28.

Biggs, Orrick H., Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Reflector bulb lamp. 2,181,292; Nov. 28.

Biggs, Orrick H., Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Apparatus for irradiating foodstuffs and the like. 2,181,293; Nov. 28.

Biggs, Orrick H., Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Electric discharge lamp. 2,181,294; Nov. 28.

Biggs, Orrick H., Beverly, and S. S. Davis, Lynn, assignors to Hygrade Sylvania Corporation, Salem, Mass. Reflector bulb lamp. 2,181,295; Nov. 28.

Biggs, William H., trustee. (See Kraft, Arthur A., assignor.)

Biggs, William P., Washington, D. C. Eye protector. 2,143,856; Jan. 17.

Biggs, William P., Washington, D. C. Protective gear. 2,144,611; Jan. 24.

Biginelli, Oreste, Clermont-Ferrand, France. Production of tubular metal cases such as cartridge cases. 2,183,637; Dec. 19.

Bigley, Harold H., Chatham, N. J., assignor of twenty-five per cent to J. N. Catlow, New York, N. Y. Apparatus for photography and projection. 2,161,126; June 6.

Bigley, William J. (See McCoy, James R., assignor.)

Bigman, Jacob, and A. J. Gillis, Brooklyn, N. Y. Refuse receptacle. 2,147,139; Feb. 14.

Bihler, Walter G., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Piercing machine or the like. 2,177,131; Oct. 24.

Bijur, George, executor. (See Bijur, Joseph.)

Bijur, Joseph, deceased, by G. Bijur, executor, New York, N. Y., assignor to Auto Research Corporation. Central lubrication. 2,145,245; Jan. 31.

Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubricating installation. 2,145,854; Feb. 7.

Bijur, Joseph, New York, N. Y., assignor to Auto Research Corporation. Lubrication. 2,169,215; Aug. 15.

Bijur, Joseph, deceased; G. Bijur, executor, New York, N. Y., assignor to Auto Research Corporation. Lubrication. 2,179,489; Nov. 14.

Bikar, Marie E. J. H., Brussels, assignor to "Aciéries de Haine, Saint-Pierre et Lesquin", Société Anonyme, Haine Saint-Pierre, Belgium. Fixing electric motors to a vehicle truck. 2,159,584; May 23.

Bikkers, Alexander, The Hague, assignor to W. F. Poel, Haarlem, Netherlands. Continuous absorption refrigeration machine. 2,173,294; Sept. 19.

Bikle, William E., Park Ridge, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Car roof. 2,153,070; Apr. 4.

Bikle, William E., Park Ridge, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Car roof. 2,174,612; Oct. 3.

Bilde, Tord E. D., assignor to Bolinder's Fabriks Aktiebolag, Stockholm, Sweden. Dishwashing machine. 2,154,559; Apr. 18.

Bilde, Tord E. D., Stockholm, Sweden. Whip-stitching attachment for sewing machines. 2,163,187; June 20.

Bilde, Tord E. D., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner filter. 2,183,737; Dec. 19.

Biles, Edgar V., assignor to C. H. Graham, San Antonio, Tex. Combined road roller and grader. 2,154,720; Apr. 18.

Bilger, Henry W., and K. T. Kessel, assignors to The Cuno Engineering Corporation, Meriden, Conn. Igniter coil manufacture. 2,157,050; May 2.
Bilhuber, E., Inc. (See Hildebrandt, Gustav, assignor.)
Bilhuber, E., Inc. (See Hildebrandt G., and Freese, assignors.)
Bilinski, William, Dickson City, Pa. Artificial bait. 2,148,799; Feb. 28.
Bilinsky, Solomon. (See Saibara R. Bilinsky, and McLarry.)
Bill, George W., assignor to Bendix Products Corporation, South Bend, Ind. Universal joint. 2,156,106; Apr. 25.
Biller, Hans, Nuremberg, Germany, assignor to Transatlantic Factors Inc., New York, N. Y. Mechanically moving toy. 2,168,788; Aug. 8.
Billig, Kurt, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparing cyclic acetals of formaldehyde. 2,182,754; Dec. 5.
Billing, Edgar L. (See Julien, L. F., Smith, and Billing.)
Billing, Wyly M., assignor to Hercules Powder Company, Wilmington, Del. Stiffened fabric for airplane wings. 2,167,414; July 25.
Billing, Wyly M., Kennett Square, Pa., assignor to Hercules Powder Company, Wilmington, Del. Sizing textile fabric. 2,176,053; Oct. 17.
Billings, Fred F., Belmont, N. H. Differential screw for vises. 2,148,800; Feb. 28.
Billings, Ralph E., Fort Wayne, Ind., assignor to General Electric Company. Water cooler. 2,160,639; May 30.
Billings, Roy. (See Bear, P. S., and Billings.)
Billings & Spencer Company. (See Kane, Henry J., assignor.)
Billington, John E., deceased (by M. E. Billington, executrix), Crewe, and R. H. Scott, Enfield, assignors to Linotype and Machinery Limited, London, England. Typographical slug casting machine. 2,153,912; Apr. 11.
Billington, John E., deceased, Crewe (M. E. Billington, executrix), and R. H. Scott, Enfield, assignors to Linotype and Machinery Limited, London, England. Hand composition of matrices for typographical slug-casting machines. 2,157,782; May 9.
Billington, Mary E., executrix. (See Billington, J. E., and Scott.)
Billker, Fredrick W., Milwaukee, Wis., and J. B. Ball, Chicago, Ill., assignors to Milwaukee Saw Trimmer Corporation, Milwaukee, Wis. Cutting machine. 2,165,953; July 11.
Billmyre, Allen, Corporation. (See Billmyre, Joseph F., assignor.)
Billmyre, Joseph F., Larchmont, assignor to Allen Billmyre Corporation, New York, N. Y. Portable vacuum cleaner. 2,152,756; Apr. 4.
Billner, Karl P., New York, N. Y. Method of and apparatus for cleaving or splitting rock or the like. 2,145,473; Jan. 31.
Billows, John W., assignor to A. Popick Manufacturing Company, Portland, Oreg. Compressed feed machine. 2,160,302; May 30.
Bills, Chester J. (See Raesler, John L., assignor.)
Bills, Claud H., Maywood, Calif. Sand, water, and oil segregator. 2,152,863; Apr. 4.
Bilocq, Georges A., assignor to The Plessisville Foundry Limited, Plessisville, Quebec, Canada. Stone crusher. 2,174,116; Sept. 26.
Binder, Frank A., New York, N. Y. Display easel. 2,143,368; Jan. 10.
Binder, Gottfried H., Orange, N. J. Heated receptacle. 2,142,599; Jan. 3.
Binder, John M., New Hyde Park, assignor to Consolidated Cork Corp., New York, N. Y. Cork rod packing machine. 2,183,928; Dec. 19.
Binder, Richard, Schweinfurt, Germany. Throw-out bearing for shaft couplings. 2,145,538; Jan. 31.
Binder, Richard, Schweinfurt, Germany. Disk coupling provided with vibration absorbers. 2,183,130; Dec. 12.
Binder, Richard, and H. Klein, Schweinfurt, Germany. Hydraulic shock absorber. 2,149,040; Feb. 28.
Binder, Richard, and H. Klein, Schweinfurt, Germany. Hydraulic shock absorber with regulating device. 2,163,254; June 20.
Binder, Richard, and H. Klein, Schweinfurt, Germany. Hydraulic shock absorber of the piston and cylinder type. 2,163,255; June 20.
Binder, Richard, and H. Klein, Schweinfurt, Germany. Slide-controlled hydraulic shock absorber. 2,173,574; Sept. 19.
Binder, Richard, and H. Klein, Schweinfurt, Germany. Hydraulic shock absorber for vehicles. 2,183,129; Dec. 12.
Bindler, Jakob. (See Becherer, F., Iselin, and Bindler.)
Biner, George M., Phoenix, Ariz. Bottle labeling machine. 2,182,785; Dec. 12.
Biner, George M., Los Angeles, Calif. Labeling machine. 2,184,378; Dec. 26.
Bing, Joseph M., assignor to Photo Marketing Corporation, New York, N. Y. Film drying device. 2,148,009; Feb. 21.
Bing, Joseph M., New York, N. Y. Photometer. 2,149,250; Mar. 7.
Bing, Joseph M., New York, N. Y. Photoelectric exposure meter. 2,178,197; Oct. 31.
Bingell, Ferdinand W., Cleveland, Ohio. Window cleaning machine. 2,171,721; Sept. 5.
Bingham, Arthur. (See Ruau, F. F., and Bingham.)
Bingham, Arthur, Deptford, London, assignor to Molins Machine Company, Limited, London, England. Manufacture of cigarettes. 2,150,596; Mar. 14.
Bingham, George. (See Mellor, A., Bingham, and Pool.)
Bingham, Lawrence H., Bayside, N. Y. Controlling air conduits. 2,181,961; Dec. 5.
Bingham, Samuel H., Jr., Highland Park, Ill. Target trap. 2,158,739; May 16.
Bingley, Frank J., Mount Airy, assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Electrical system. 2,171,536; Sept. 5.
Bingley, Frank J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Method and apparatus for producing composite signals. 2,171,537; Sept. 5.
Biniek, Georg, Berlin-Siemensstadt, assignor to Telephon-Apparat Fabrik E. Zwietusch and Company, Berlin, Germany. Telephone call fee indicator. 2,147,233; Feb. 14.
Binkley, William E., Forreston, Ill. Adjustable bier pin. 2,148,677; Feb. 28.
Binks Manufacturing Company. (See Bramsen, S., and Wahlin, assignors.)
Binks Manufacturing Company. (See Della Chiesa, A. D., and Froehlich, assignors.)
Binks Manufacturing Company. (See Gustafsson, Eric, assignor.)
Binks Manufacturing Company. (See Gustafsson, E., and Striegel, assignors.)
Binks Manufacturing Company. (See Seybold, Frederick W., assignor.)
Binley, Noble O. (See Skok, A., and Binley.)
Binney and Smith Co. (See Morrison, Charles C., assignor.)
Binney and Smith Company. (See Vogel, Max R., assignor.)
Binney and Smith Company. (See Zapp, Robert L., assignor.)
Binney, Eric A., and P. L. Mardis, Ilkley, assignors to The English Electric Company Limited, London, England. Electric traction motor control system. 2,179,319; Nov. 7.
Binns, Arthur. (See Sykes, C. M., and Binns.)
Binns, Arthur, assignor to W. & T. Avery Limited, Birmingham, England. Indicating mechanism. 2,173,575; Sept. 19.
Binns, Frederick W., Quincy, Mass., assignor to Virginia Smelting Company, Portland, Maine. Bleaching mineral matter. 2,165,532; July 11.
Binns, Frederick W., Quincy, Mass., assignor to Virginia Smelting Company, Portland, Maine. Refrigeration and brine composition therefor. 2,180,624; Nov. 21.
Binz, Arthur, Berlin-Wilmersdorf, and O. von Schickh, assignors to Schering-Kahlbaum A. G. Berlin, Germany. Heterocyclic azo derivatives. 2,145,579; Jan. 31.
Binz, Arthur, Berlin-Wilmersdorf, and O. von Schickh, assignors to Schering Aktiengesellschaft, Berlin, Germany. Heterocyclic azo compounds and producing the same. 2,156,141; Apr. 25.
Binz, Paul L., St. Louis, Mo. Cleaning device. 2,178,198; Oct. 31.
Biolite Incorporated. (See Rosenblatt, Philip, assignor.)
Birch, Arthur. (See Bolton, J. F., and Birch.)
Birch, Charles, Chicago, Ill. Play device. 2,168,392; Aug. 8.
Birch, Frank, Bolton, England. Anchorage for securing structural parts to concrete bases. 2,165,882; July 11.
Birch, Frank T., Mimico, Ontario, Canada. Brake shoe. 2,149,952; Mar. 7.
Birch, Harold W., Belmont, Mass. Vacuum extractor. 2,142,711; Jan. 3.
Birch, Neil L., and R. A. Childers, Birmingham, Ala. Strip shingle. 2,173,774; Sept. 19.
Birchard, Wayne E. (See Beggs, J. E., and Birchard.)
Birchard, Wayne E., Pittsfield, Mass., assignor to General Electric Company. Electroresponsive circuits. 2,167,473; July 25.
Bird-Archer Co., The. (See Scott, Louis W., Jr.)
Bird, Benjamin F., Kenilworth, Ill. Hydrating vegetable matter. 2,142,091; Jan. 3.
Bird, Byron M., Columbus, Ohio, assignor, by mesne assignments, to The Traylor Vibrator Company. Method and apparatus for feeding coal. 2,164,796; July 4.
Bird, Byron M., and B. D. Thomas, Columbus, Ohio, and J. W. Rea, Monessen, Pa., assignors to Battelle Memorial Institute, Columbus, Ohio. Launder apparatus for separating and sorting materials. 2,147,234; Feb. 14.
Bird, John C., and K. D. Smith, assignors to Union Steam Pump Company, Battle Creek, Mich. Pump for viscolizer valves. 2,146,709; Feb. 14.
Bird, Len O. (See Brodersen, M. M., and Bird.)
Bird Machine Co. (See Lyons, Sanford C., assignor.)
Bird & Son. (See Guise, Edwin R., assignor.)
Bird & Son, Inc. (See Bradley, J. J., Jr., and Cripps.)
Bird & Son, Inc. (See Bradley, J. J., Jr., and Seekins, assignors.)
Bird & Son, Inc. (See Graham, J. E., and Lines, assignors.)
Bird & Son, Inc. (See Studley, Gerard L., assignor.)
Bird, Byron M., Columbus, and M. E. Haworth, Arlington, Ohio, assignors to The Jeffrey Manufacturing Company. Process and apparatus for treatment of mineral materials. 2,161,500; June 6.
Bird, Don A., Detroit, Mich. Brake lever mechanism. 2,162,052; June 13.

Bird, Edward S., assignor to Reed-Prentice Corporation, Worcester, Mass. Casting machine for stereotype plates. 2,163,658; June 27.
Bird, Francis J., Los Angeles, Calif. Door control. 2,177,275; Oct. 24.
Bird, James R., assignor to Astatic Microphone Laboratory, Inc., Youngstown, Ohio. Electric pick-up for sound reproduction. 2,177,239; Oct. 24.
Bird Machine Co. (See Lyons, Sanford C., assignor.)
Bird, Paul G., Western Springs, Ill. Composition and method for preventing incrustation. 2,156,173; Apr. 25.
Bird, William, Buffalo, and D. R. Clark, Amherst, N. Y. Device for time-controlling the opening of parachutes. 2,165,954; July 11.
Birdsall, Albert L., assignor to Keeler Brass Company, Grand Rapids, Mich. Handle for furniture and the like. 2,151,182; Mar. 21.
Birdsall, George T., Danbury, Conn. Machine and method for making hat bodies. 2,172,342; Sept. 12.
Birdsall, George T., Danbury Conn. Hat making machine. 2,172,343; Sept. 12.
Birdsboro Steel Foundry and Machine Company. (See Hall, John H., assignor.)
Birdsboro Steel Foundry & Machine Company. (See Hall, John H., assignor.)
Birdseye, Clarence, Gloucester, Mass., assignor, by mesne assignments, to Birdseye Electric Company, Dover, Del. Electric lamp. 2,142,104; Jan. 3.
Birdseye, Clarence, assignor to Birdseye Electric Company, Gloucester, Mass. Reflecting electric lamp. 2,144,044; Jan. 17.
Birdseye, Clarence, Gloucester, Mass., assignor, by mesne assignments, to Birdseye Electric Company, Dover, Del. Reflecting electric lamp. 2,144,400; Jan. 17.
Birdseye, Clarence, Gloucester, Mass., assignor to Birdseye Electric Company, Dover, Del. Tubular incandescent electric lamp. 2,144,438; Jan. 17.
Birdseye, Clarence, and P. Deren, assignors to Birdseye Electric Company, Gloucester, Mass. Incandescent lamp and its manufacture. 2,144,673; Jan. 24.
Birdseye, Clarence, and P. Deren, Gloucester, Mass., assignors to Birdseye Electric Company, Dover, Del. Making reflecting lamps. 2,151,649; Mar. 21.
Birdseye, Clarence, Gloucester, Mass., assignor to Birdseye Electric Company. Electric lamp. 2,157,051; May 2.
Birdseye Electric Company. (See Birdseye, Clarence, assignor.)
Birdseye Electric Company. (See Birdseye, C., and Deren, assignors.)
Birdseye Electric Company. (See Macksoud, Michel E., assignor.)
Birk, Emil, San Francisco, Calif. Transmission gearing. 2,143,236; Jan. 10.
Birkenmaier, Theodore. (See Matthews, C. L., Mosley, and Birkenmaier.)
Birkenmaier, Theodore, assignor to W. N. Matthews Corporation, St. Louis, Mo. Fuse. 2,176,045; Oct. 17.
Birkhead, Beckmann, Stanard & Vance. (See Browning, James E., assignor.)
Birkhead, Claude V., et al. (See Browning, James E., assignor.)
Birkhead, Frank G. (See Bowen, J. M., and Birkhead.)
Birkholz, Richard G., assignor, by mesne assignments, to Midwest Manufacturing Company, Milwaukee, Wis. Ventilating apparatus. 2,159,498; May 23.
Birkigt, Louis, Versoix, near Geneva, Switzerland. Internal combustion engine. 2,178,297; Oct. 31.
Birkigt, Marc, Bois-Colombes, France. Resilient suspension for aircraft engines. 2,147,516; Feb. 14.
Birkigt, Marc, Bois-Colombes, France. Speed-reduction gear. 2,154,319; Apr. 11.
Birkigt, Marc, Bois-Colombes, France. Automatic fire-arm. 2,159,126; May 23.
Birkigt, Marc, Bois-Colombes, France. Automatic fire-arm. 2,159,127; May 23.
Birkigt, Marc, Bois-Colombes, France. Percussion fuse for projectiles. 2,164,797; July 4.
Birkigt, Marc, Bois-Colombes, France. Detent mechanism. 2,179,914; Nov. 14.
Birkmeyer, Paul J., Verona, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Conveyer belt. 2,145,786; Jan. 31.
Birks, Falconer M. (See Pexton, S., Hutchison, and Birks.)
Birman, Isidore, Peekskill, N. Y. Sash lock. 2,159,198; May 23.
Birmingham Aluminum Casting (1903) Company Limited, The. (See Woollard, Frank G., assignor.)
Birmingham, Donald G., Aberdeen, assignor to Harbor Plywood Corporation, Hoquiam, Mich. Thickness indicator. 2,177,051; Oct. 24.
Birmingham Electric Furnaces Limited. (See Robiette, Alfred G. E., assignors.)
Birnbaum, August K., assignor of one-half to H. C. Cockburn, Houston, Tex. Automatic leveler for gravity measuring instruments. 2,149,953; Mar. 7.
Birnbaum, Joseph, Vienna, Austria, assignor to Manhattan Lubricants Co. Inc., Brooklyn, N. Y. Composition for application to pulleys and the like. 2,182,774; Dec. 12.
Birnstock, William W., York, Pa. Pistol rod. 2,158,396; May 16.
Biro, Vincent G., Marblehead, Ohio. Meat sawing machine. 2,169,517; Aug. 15.
Birr, Emil J. (See Fricke, H., and Birr.)
Birr, Emil J., Bitterfeld, and H. Fricke and G. Wilmanns, Wolfen, Kreis Bitterfeld, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Manufacture of photographic gelatin emulsions. 2,152,460; Mar. 28.
Birr, Rudolph G. (See Steiner, F. G., and Birr.)
Birr, Rudolph G., Lombard, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Towel dispensing apparatus. 2,183,252; Dec. 12.
Birrell, Royden, Sacramento, Calif. Compensating poppet valve. 2,152,784; Apr. 4.
Birtley Company Limited, The. (See Appleyard, K. C., and Pollitt, assignors.)
Birtman Electric Company. (See Sparklin, Charles H., assignor.)
Bisaillon, Alexis, Los Angeles, and G. E. Bisaillon, Long Beach, Calif. Safety airplane. 2,145,414; Jan. 31.
Bisaillon, George E. (See Bisaillon, Alexis and G. E.)
Bisch, Alvin, Chicago, Ill., assignor to Bisch-Rocco Amusement Co. Amusement device. 2,142,169; Jan. 3.
Bisch, Alvin, Chicago, Ill. Amusement device. 2,152,679; Apr. 4.
Bisch, Alvin, Chicago, Ill. Amusement device. 2,162,877; June 20.
Bisch, Alvin, Chicago, Ill., assignor to Bisch-Rocco Amusement Co. Amusement device. 2,163,360; June 20.
Bisch-Rocco Amusement Co. (See Bisch, Alvin, assignor.)
Bischof, Bernhard, Winterthur, Switzerland. Method and apparatus for operating fuel injection devices in internal combustion engines. 2,173,811; Sept. 19.
Bischof, Bernhard, Winterthur, Switzerland. Fuel injection apparatus. 2,173,812; Sept. 19.
Bischof, Bernhard, Winterthur, Switzerland. Fuel injection apparatus. 2,173,813; Sept. 19.
Bischof, Bernhard, Winterthur, Switzerland. Fuel injection apparatus for internal combustion engines. 2,173,814; Sept. 19.
Bischof, Frank, assignor to Dowst Manufacturing Company, Chicago, Ill. Toy. 2,165,833; July 11.
Bischoff, Kurt, near Erlangen, assignor to the firm Siemens-Reiniger-Werke Aktiengesellschaft, Berlin, Germany. Roentgen tube control. 2,147,424; Feb. 14.
Bischof, Paul, New York, N. Y. Vacuum cabinet for mops. 2,164,131; June 27.
Bischoff, Robert, assignor to S. Morgan Smith Company, York, Pa. Valve. 2,168,254; Aug. 1.
Bischoff, Robert, Baltimore, Md., assignor to S. Morgan Smith Company, York, Pa. Valve. 2,168,255; Aug. 1.
Bishir, Walter, Gibson City, Ill. Attachment for lawn mowers. 2,172,786; Sept. 12.
Bishop & Babcock Mfg. Company, The. (See Bondurant, Carlton W., assignor.)
Bishop & Babcock Manufacturing Company, The. (See Mayo, Edward L., assignor.)
Bishop, Dale G. (See Baker, R. H., and Bishop.)
Bishop, Frederic L., Fox Chapel Manor, assignor to American Window Glass Company, Pittsburgh, Pa. Manufacture of laminated glass. 2,180,625; Nov. 21.
Bishop, Frederic L., Jr., Jeannette, assignor to American Window Glass Company, Pittsburgh, Pa. Cleaning composition. 2,179,004; Nov. 7.
Bishop, George E., Cleveland Heights, Ohio. Seat cover. 2,161,448; June 6.
Bishop, John C., Savannah, N. Y. Tool for applying emergency chains to automobile tires. 2,155,466; Apr. 25.
Bishop, John H., Los Angeles, assignor of sixteen and two-thirds per cent to J. Donovan, Whittier, Calif. Rotary jar. 2,144,100; Jan. 17.
Bishop, Leonard J., assignor to Mechanical Handling Systems, Inc., Detroit, Mich. Power transmitting unit. 2,145,643; Jan. 31.
Bishop, Leonard J., assignor to Mechanical Handling Systems, Inc., Detroit, Mich. Conveyer. 2,146,615; Feb. 7.
Bishop, Leonard J., assignor to Mechanical Handling Systems, Inc., Detroit, Mich. Unloading arm. 2,146,616; Feb. 7.
Bishop, Leonard J., assignor to Mechanical Handling Systems, Inc., Detroit, Mich. Loading arm. 2,146,617; Feb. 7.
Bishop, Leonard J., assignor to Mechanical Handling Systems, Inc., Detroit, Mich. Conveyer. 2,153,071; Apr. 4.
Bishop, Leonard J., assignor to Mechanical Handling Systems, Inc., Detroit, Mich. Power drive unit. 2,161,893; June 13.
Bishop, Leonard J., assignor to Mechanical Handling Systems, Inc., Detroit, Mich. Drive unit. 2,161,894; June 13.
Bishop, Richard E., South Orange, N. J., assignor to A. C. Horn & Company, Long Island City, N. Y. Obtaining electrical insulation and the product. 2,161,447; June 6.
Bishop, Walter M., Huntington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Undersea cable system. 2,158,492; May 16.
Bishop, William H., Birmingham, England. Sliding roof for vehicles. 2,156,615; May 2.
Bishop, William T., assignor to Hercules Powder Company, Wilmington, Del. Production of an alkali metal salt of a mono-alkyl trithiocarbonate. 2,152,461; Mar. 28.
Biskup, Leopold, assignor of one-half to J. Stasinski, Philadelphia, Pa. Ice cream dipper. 2,157,813; May 9.

Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Change gear mechanism. 2,146,787; Feb. 14.
Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Variable cam structure. 2,163,864; June 27.
Bissell, Carl H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Variable timing device. 2,165,444; July 11.
Bissell Carpet Sweeper Company. (See Pullen, Fred W., assignor.)
Bissell, David J., Spokane, Wash. Lifting jack. 2,162,931; June 20.
Bissell, Everett S., Irondequoit, assignor to Mixing Equipment Co., Inc., Rochester, N. Y. Bearing and sealing means. 2,165,916; July 11.
Bissell, Marion H., Chicago, Ill. Polishing and surfacing device. 2,173,350; Sept. 19.
Bissell, Rex I., Willamina, Oreg. Needle threading device. 2,162,154; June 13.
Bissell, William T., and T. W. Potter, assignors to Journal Box Servicing Corporation, Indianapolis, Ind. Restoration of car journal brasses. 2,145,022; Jan. 24.
Biszantz, Fred, assignor to The Galion Metallic Vault Company, Galion, Ohio. Automotive body and storage locker construction. 2,146,106; Feb. 7.
Biszantz, Fred, assignor to The Galion Metallic Vault Company, Galion, Ohio. Vehicle. 2,146,107; Feb. 7.
Biszantz, Fred, assignor, to The Galion Metallic Vault Company, Galion, Ohio. Tires and tool carrying compartment in trucks. 2,155,253; Apr. 18.
Biszantz, Fred, assignor to The Galion Metallic Vault Company Galion, Ohio. Tire and tool carrying compartment in trucks. Re. 21,171; Aug. 8.
Biszantz, Fred, assignor to The Galion Metallic Vault Company, Galion, Ohio. Tire carrier at the rear of the body. 2,175,769; Oct. 10.
Biszantz, Fred, and K. J. King, assignors to The Galion Metallic Vault Company, Galion, Ohio. Dump body lifting mechanism. 2,144,828; Jan. 24.
Bitney, Dewey H., assignor to Union Steel Products Company, Albion, Mich. Dish draining rack. 2,163,865; June 27.
Bitney, Dewey H., assignor to Union Steel Products Company, Albion, Mich. Display rack. 2,163,866; June 27.
Bitler, William T., M. S. Evans, and R. P. McBride, Berwick, Pa., assignors to American Car and Foundry Company, New York, N. Y. Wheel grinding machine. 2,164,491; July 4.
Bitter, Francis, Cambridge, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Producing magnetic sheet. 2,165,027; July 4.
Bittermann, Ferdinand J. (See Gosling, E. P., and Bittermann.)
Bittner, Leroy S., Elysburg, Pa. Brake shoe adjuster. 2,168,950; Aug. 8.
Bitzer, Edward W., and H. W. Johnson, assignors to American Coil Spring Company, Muskegon, Mich. Spring tester. Re. 21,242; Oct. 24.
Bitzer, Gottlob, Lincoln Park, assignor to Textile Machine Works, Wyomissing, Pa. Knitting machine yarn control. 2,145,023; Jan. 24.
Bitzer, Gottlob, Lincoln Park, assignor to Textile Machine Works, Wyomissing, Pa. Making flat shaped knitted blanks. 2,178,319; Oct. 31.
Bitzer, Gottlob, Lincoln Park, assignor to Textile Machine Works, Wyomissing, Pa. Universal movement control for point mechanism of flat knitting machines. 2,182,220; Dec. 5.
Bixby, Kenneth R., Geneseo, Ill., assignor to Midland Electric Coal Corporation, Indianapolis, Ind. Screen. 2,142,600; Jan. 3.
Bixby, Walter. (See Hathaway, E. F., and Bixby.)
Bixel, Edward C., West Orange, and H. D. Brown, Westfield, N. J., assignors to American Telephone and Telegraph Company. Cabscope. 2,161,006; June 6.
Bixler, Chauncy R., Kansas City, Mo. Door latch for automobiles. 2,161,007; June 6.
Bixler, Harley H., Schenectady, N. Y., assignor to General Electric Company. Refrigerator. 2,154,299; Apr. 11.
Bixler, Harley H., Schenectady, N. Y., assignor to General Electric Company. Valve assembly. 2,162,570; June 13.
Bixler, Harley H., Schenectady, N. Y., assignor to General Electric Company. Refrigerator. 2,166,791; July 18.
Bjereus, Sven R. (See Sandberg, J. T., and Bjereus.)
Bjernekull, Axel E., Stockholm, Sweden. Stand for hanging objects. 2,147,330; Feb. 14.
Bjerre, Peder. (See Johnston, H. M., and Bjerre.)
Björck, Yngvar, Kyrkviken, Sweden. Lock. 2,165,202; July 11.
Björkman, Gustaf E., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Suction nozzle. 2,181,594; Nov. 28.
Bjorkquist, Sigurd W., Whittier, Calif. Certificate holder. 2,159,547; May 23.
Bjorksten, Johan, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating pad or roll and method for its use. 2,153,324; Apr. 4.
Bjorksten, Johan, Chicago, and W. Hoskins, Jr., La Grange, assignors to Ditto, Incorporated, Chicago, Ill. Hectograph blanket having a duplicating surface covered with a non-adhesive film. 2,181,864; Dec. 5.
Bjornson, Bjorn G., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 2,173,816; Sept. 26.
Bjornson, Bjorn G., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 2,174,151; Sept. 26.
Bjornson, Bjorn G., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Indicating circuit. 2,183,389; Dec. 12.
Bjornson, Bjorn G., New York, N. Y., and N. W. Bryant, Lyndhurst, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal transmission system. 2,170,397; Aug. 22.
Bjornson, Ingvard, Sunset Beach, Calif., C. A. Neil, owner by decree of court. Child's blanket. 2,150,486; Mar. 14.
Björnstjerna, Curt R. A. M., Djursholm, Sweden, assignor to The De Laval Separator Company, New York. N. Y. Centrifugal separator. 2,178,547; Nov. 7.
Blacher, Benjamin, assignor to Blacher Brothers, Providence, R. I. Bag frame. 2,158,955; May 16.
Blacher Brothers. (See Blacher, Benjamin, assignor.)
Black-Clawson Company, The. (See Bridge, Adam E., assignor.)
Black-Clawson Company, The. (See Howard, Charles W., assignor.)
Black-Clawson Company, The. (See Mehaffey, James B., assignor.)
Black-Clawson Company, The. (See Martindale, Homer D., assignor.)
Black & Decker Manufacturing Company, The. (See Decker, Alonzo G., assignor.)
Black & Decker Manufacturing Company, The. (See Preston, Henry C., assignor.)
Black & Decker Mfg. Company. (See Ramey, Blaine B., assignor.)
Black & Decker Manufacturing Company, The. (See Short, Harold O., assignor.)
Black & Decker Manufacturing Company, The. (See Whitney, K. E., and Decker, assignors.)
Black & Decker Manufacturing Company, The. (See Whitney, Kenneth E., assignor.)
Black Diamond Saw & Machine Works, Inc. (See Ambler, George B., assignor.)
Black, Edward R., Chicago, Ill. Building covering. 2,164,636; July 4.
Black, Floyd C. (See Gebert, A. E., and Black.)
Black, George E., Sewickley, assignor to H. H. Robertson Company, Pittsburgh, Pa. Method and apparatus for producing steel sheets. 2,165,917; July 11.
Black, George E., Sewickley, assignor to H. H. Robertson Company, Pittsburgh, Pa. Metal sheet piling apparatus. 2,165,918; July 11.
Black, Harold S., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave translation system. 2,154,888; Apr. 18.
Black, Harold S., Elmhurst, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Control of electromagnets. 2,160,823; June 6.
Black, James J., assignor to The Trailer Company of America, Cincinnati, Ohio. Trailer or truck chassis and body. 2,151,633; Mar. 21.
Black, John B., and F. Denig, Pittsburgh, Pa., assignors, by mesne assignments, to C. W. Nichols, Sr., New York, N. Y. Apparatus for incineration of garbage and refuse. 2,171,538; Sept. 5.
Black, Julian P., Los Angeles, and H. C. Stroebel, Whittier, Calif. Perforation cleaner. 2,151,416; Mar. 21.
Black, Knox C., Mountain Lakes, N. J., and R. R. Blair, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resistor. 2,178,548; Nov. 7.
Black, Knox C., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multigrid tube amplifier. 2,181,865; Dec. 5.
Black, Leo B., Denver, Colo. Inclination gauge. 2,162,602; June 13.
Black, Leroy G. (See Ritchie, C. F., and Black.)
Black, Leroy G., assignor to American Potash & Chemical Corporation, Trona, Calif. Process and equipment for dehydrating and fusing. 2,146,051; Feb. 7.
Black, Leroy G., assignor to American Potash & Chemical Corporation, Trona, Calif. Producing fused products. 2,177,766; Oct. 31.
Black, Lloyd V., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Case hardening of glass sheets. 2,174,254; Sept. 26.
Black, Robert K., Horwich, England. Means for use in the demonstration of optical systems and apparatus. 2,155,114; Apr. 18.
Black, Rowland J. (See Caldwell, S. H., and Black.)
Black, Sivalls & Bryson, Inc. (See Raymond, G., and Young, assignors.)
Black, Walter G., Oakland, and C. L. Brewster, La Habra, assignors to Emsco Derrick & Equipment Company, Los Angeles, Calif. Rotary machine. 2,182,938; Dec. 12.
Black, William A., Montclair, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Constant speed film drive. 2,157,393; May 9.

Black, William A., East Cleveland, Ohio, assignor to Steel & Tubes, Inc. Method of and apparatus for making multipart tubing. 2,164,267; June 27.
Black, Willy, Berlin-Halensee, Germany, assignor to General Electric Company. Hydraulic torque converter. 2,166,792; July 18.
Blackard, Ernest C. (See Kimble, J. S., Blackard, and McLellan.)
Blackard, Ernest C. (See Kimble, J. S., and Blackard.)
Blackard, Ernest C., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Method and apparatus for making thermoplastic sheeting. 2,177,633; Oct. 31.
Blackburn Aircraft Limited. (See Bailey, Henry, assignor.)
Blackburn, Charles M. (See Booe, J. M., and Blackburn.)
Blackburn, Charles M., Jackson Township, Brown County, assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Condenser construction. 2,144,959; Jan. 24.
Blackburn, Charles M., Jackson, assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electrolytic condenser terminal. 2,172,604; Sept. 12.
Blackburn, Daniel M., Carbondale, Pa., assignor to Hendrick Manufacturing Company. Variable stroke shaking screen. 2,159,777; May 23.
Blackburn, Edward H. (See Beck, K. H., and Blackburn.)
Blackburn, Ernest L., assignor to Korb-Pettit Wire Fabrics & Iron Works, Inc., Philadelphia, Pa. Wire fabric. 2,149,834; Mar. 7.
Blackburn, George, and Sons Limited. (See Jarvis, Frank J., assignor.)
Blackburn, George F. (See Peters, M. F., and Blackburn.)
Blackburn, George, and Sons Limited. (See Start, Harry W. and E.)
Blackburn, John F., Hollywood, Calif. Loudspeaker. 2,183,528; Dec. 19.
Blackburn, Otis L. (See Redfern, H., and Blackburn.)
Blackburn, Philip W., East Orange, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Stroboscopic lamp. 2,168,861; Aug. 8.
Blackburn, Reginald. (See Brislee, F. J., and Blackburn.)
Blacker, Latham V. S., Coats House, near Fittleworth, England. Ammunition magazine. 2,161,696; June 6.
Blackhawk Mfg. Co. (See Mandl, Siegmund, assignor.)
Blackhawk Mfg. Co. (See Mandl, Sigmund, assignor.)
Blackhawk Mfg. Co. (See Pfauser, Edward M., assignor.)
Blackhawk Mfg. Co. (See Schultz, Edward H., assignor.)
Blackinton, R., & Co. (See West, William E., assignor.)
Blackledge, Carroll R. (See Slusher, Harold R., assignor.)
Blackledge, Robert. (See Hughes, L., and Blackledge.)
Blackley, James L., assignor to Duplex Printing Press Company, Battle Creek, Mich. Ink fountain. 2,163,335; June 20.
Blackley, James L., assignor to The Duplex Printing Press Company, Battle Creek, Mich. Ductor roller. 2,181,798; Nov. 28.
Blackman, Lacey R., Bridgeport, and F. A. Nichols, Stratford, Conn. Fire hydrant reflector. 2,175,565; Oct. 10.
Blackman, Lacey R., Bridgeport, and F. A. Nichols, Stratford, Conn. Reflector mounting. 2,175,566; Oct. 10.
Blackman, Lacey R., Bridgeport, and F. A. Nichols, Stratford, Conn. Fire-hydrant reflector. 2,175,567; Oct. 10.
Blackmon, Ethel, assignor of one-half to H. W. Stevens, Gulfport, Miss. Automatic magnetic tack hammer. 2,170,468; Aug. 22.
Blackmon, John O., Oilfields, Calif. Coupling. 2,161,501; June 6.
Blackmond, William C., Ranger, assignor of twenty-five percent to J. H. Reynolds, Cisco, Tex. Chlorinator. 2,168,616; Aug. 8.
Blackmore, George S., et al. (See Coppock, Ira M., assignor.)
Blackmore, Lloyd, assignor to General Motors Corporation, Detroit, Mich. Trunk hinge. 2,173,644; Sept. 19.
Blackmore, Robert B., Casper, Wyo. Automobile radio aerial. 2,157,278; May 9.
Blackmore, William, Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Chain. 2,151,731; Mar. 28.
Blackmore, William, Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck. 2,167,231; July 25.
Blackmore, William, Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Journal box. 2,175,659; Oct. 10.
Blackstone Manufacturing Company. (See Conterman, Fred A., assignor.)
Blackstone, Selwyn R., Milwaukee, Wis. Coin packer. 2,182,464; Dec. 5.
Blackwelder, William L., Concord, N. C. Supporting device for revolving flat cards. 2,156,007; Apr. 25.
Blackwell, Elie O., Gainesville, Fla. Building block. 2,153,913; Apr. 11.
Blackwell, Harold A., and W. L. Turner, Garston, Liverpool, England. Separating phosphorus and like elements from ores. 2,150,261; Mar. 14.
Blackwell, Harold A., and W. L. Turner, Garston, England. Separating magnesium and like metals which sublime from their ores and compounds. 2,165,742; July 11.
Blackwell, Herbert H., Roanoke, Va. Electric vacuum shaver. 2,183,442; Dec. 12.
Blackwell, James W., Lincolnton, Ga. Paper bag holder. 2,146,327. Feb. 7.
Blackwell, Stephen R., East St. Louis, Ill. Screed. 2,150,618; Mar. 14.
Blackwood, George E., Jr., Detroit, Mich., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Wheel puller. 2,171,910; Sept. 5.
Blaesser, Clarence E., et al. (See Ackerman, Edward L., assignor.)
Blagé, Marcel, Herserange, assignor to Société Anonyme des Hauts Fourneaux de la Chiers, Longwy, France. Device for handling metal section members, and more particularly rails, in order to harden them. 2,143,753; Jan. 10.
Blagg, John C. L. (See Pasternack, R., and Blagg.)
Blaho, Rudolph, assignor to Metal Fittings, Inc., Cleveland, Ohio. Automobile accessory and making same. 2,174,549; Oct. 3.
Blaikie, Kenneth G., and R. N. Crozier, Shawinigan Falls, Quebec, assignors to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Polyvinyl acetal resins and composition thereof. 2,166,856; July 18.
Blain, Albert, Philadelphia, Pa., assignor to Radio Corporation of America. Indexing device. 2,147,140; Feb. 14.
Blain, Albert, Philadelphia, Pa., assignor to Radio Corporation of America. Cathode ray tube support. 2,165,779; July 11.
Blain, Albert, Philadelphia, Pa., assignor to Radio Corporation of America. Tuning device. 2,173,226; Sept. 19.
Blain, Webster M. (See King, Lamar R., assignor.)
Blaine, Alfonso W. (See Royer, J. R., Blaine, and Weir.)
Blair, Charles, Jr., Webster Groves, Mo., assignor, by mesne assignments, to Petrolite Corporation, Ltd. Resolving petroleum emulsions. 2,171,328; Aug. 29.
Blair, Charles M. (See Carruthers, T. F., and Blair.)
Blair, Charles M. (See McNamee, R. W., and Blair.)
Blair, Charles M., Jr. (See De Groote, M., Keiser, and Blair.)
Blair, Charles M., Jr., assignor to The Tret-O-Lite Company, Webster Groves, Mo. Breaking oil-in-water type petroleum emulsions. 2,159,312; May 23.
Blair, Charles M., Jr., Webster Groves, Mo., and C. C. Rogers, Jr., San Antonio, Tex., assignors to The Tret-O-Lite Company, Webster Groves, Mo. Breaking oil-in-water type petroleum emulsions. 2,159,313; May 23.
Blair, Darrell H., Houston, Tex., assignor, by mesne assignments, to J. Grant, Los Angeles, Calif. Strainer cleaner. 2,178,161; Oct. 31.
Blair, David, Chicago, Ill. Undergarment. 2,180,390; Nov. 21.
Blair, David, Chicago, Ill. Undergarment. 2,180,391; Nov. 21.
Blair Electrical Products Corporation. (See Linder, Betty, assignor.)
Blair, George, Berwyn, assignor to National Foam System, Inc., Philadelphia, Pa. Apparatus for handling foam chemicals. 2,157,520; May 9.
Blair, James A., Taneytown, Md. Flypaper holder. 2,154,431; Apr. 18.
Blair, Royer R. (See Black, K. C., and Blair.)
Blair, Royer R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gain control circuits. 2,178,333; Oct. 31.
Blair, Royer R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gain control circuits. 2,179,915; Nov. 14.
Blair, Russell M. (See Jarvis, K. W., and Blair.)
Blais, Aristide, Richmond, Quebec, Canada. Butcher knife. 2,177,975; Oct. 31.
Blaisdell, Sidney B., Wyncote, Pa., and R. J. A. Ingouf, Kingsport, Tenn., assignors to Fidelity Machine Company, Wilmington, Del. Machine for making braided wire netting. 2,160,715; May 30.
Blake, Dennis B. D., Chicago, assignor of one-half to D. E. Willard, Danville, Ill. Valve mechanism for shock absorbers. 2,181,415; Nov. 28.
Blake, George A., New Bedford, Mass. Dispensing apparatus. 2,163,081; June 20.
Blake, George C., Syracuse, N. Y., and P. C. Smith, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Buffing machine. 2,184,175; Dec. 19.
Blake, Harold D., Cleveland Heights, Ohio, assignor to General Electric Company. Electric lamp. 2,158,849; May 16.
Blake, Joseph H., Seattle, Wash. Dispenser for collapsible tubes. 2,183,060; Dec. 12.
Blake, Kenneth R. (See Hill, R. H., and Blake.)
Blake, Kenneth R., assignor of sixty per cent to E. W. Parrish, and forty per cent to F. D. Healy, Detroit, Mich. Electric pencil sharpener. 2,184,176; Dec. 19.
Blake Manufacturing Corporation. (See Officer, W. J., and Wood, assignors.)
Blake Manufacturing Corporation. (See Tyrrell, D. W., Officer, and Seaver, assignors.)
Blake Manufacturing Corporation. (See Wood, Orville T., assignor.)
Blake, Reginald, administrator, et al. (See de la Cierva, John.)
Blake, William E. (See Tunis, H. H., and Blake.)

Blakemore, John H., Chicago, Ill. Division block for baling presses. 2,184,577; Dec. 26.
Blakely, Albert W., Elizabeth, assignor of one-half to A. R. Johnson, Roselle, N. J. Razor blade sharpening device. 2,172,493; Sept. 12.
Blakesley, George R., Los Angeles, Calif. Electric surface heating unit control system. 2,174,028; Sept. 26.
Blakeslee, Henry J., Marlboro, assignor to The State Company, Hartford, Conn. Electrical coupling. 2,159,757; May 23.
Blakeslee, Raymond I., Alhambra, Calif. Incubator. 2,170,484; Oct. 17.
Blakey, Louis P., Philadelphia, Pa. Receptacle with safety devices. 2,176,387; Oct. 17.
Blameuser, Edward B., Niles Center, Ill. Necktie holder. 2,158,616; May 16.
Blancha, Felix C., Manoa, Pa., assignor to Radio Corporation of America. Mechanical coupling. 2,147,141; Feb. 14.
Blancha, Felix C., Manoa, Pa., assignor to Radio Corporation of America. Radio apparatus and assembling the same. 2,178,220; Oct. 31.
Blancha, Felix C., Manoa, Pa., assignor to Radio Corporation of America. Continuously variable inductance device. 2,178,221; Oct. 31.
Blanchard, Carlton D., Norwich, Conn. Supporting means for funnels and the like. 2,149,722; Mar. 7.
Blanchard, Frederick C., Brookline, Mass. Lubricating apparatus. 2,162,932; June 20.
Blanchard, Joseph E., assignor to Watson-Williams Manufacturing Company, Millbury, Mass. Harness frame. 2,170,542; Aug. 22.
Blanchard, Loring W., Jr., assignor to Eastman Kodak Company, Rochester, N. Y. Preparing cellulose for esterification. 2,161,555; June 6.
Blanchard, Loring W., Jr., and C. L. Crane, assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of mixed esters of cellulose containing dicarboxylic acid groups. 2,183,982; Dec. 19.
Blanchard, Werner J., Dayton, Ohio, assignor, by mesne assignments, to Curtiss-Wright Corporation. Motor control system. 2,146,522; Feb. 7.
Blanchett, Luther E., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Leveling device. Re. 21,194; Sept. 5.
Blanck, Joseph I. (See Sklar, Herman, assignor.)
Blanck, Joseph T., Baltimore, Md. Game. 2,182,957; Dec. 12.
Bland, Arthur H., Wembley, England. Amusement device. 2,165,743; July 11.
Bland, James R. (See Kells, L. M., Kern, and Bland.)
Blandin, Murray H. (See Beemer, Elias A. W., assignor.)
Blaney, Fred J., Springfield, assignor to The Ohio Steel Foundry Company, Lima, Ohio. Flexible tray for carburizing furnaces. 2,145,708; Jan. 31.
Blank, Carl, K. G. (See von Antropoff, A., and Friedrichsen, assignors.)
Blank, Rudolph H., Walcott, Iowa. Corn picking roller. 2,178,013; Oct. 31.
Blankenbuehler, John H., Edgewood, and W. R. Harding, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Direct current welding generator. 2,151,678; Mar. 28.
Blankenbuehler, John H., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic welding control. 2,152,785; Apr. 4.
Blankenbuehler, John H., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Reversing switch for dynamo-electric machines. 2,179,320; Nov. 7.
Blankenhorn, Warren A., Chattanooga, Tenn. One-piece undergarment. 2,149,416; Mar. 7.
Blankner, William, Chicago, Ill., assignor to Keen-O-Matic Machine Company, Lakewood, Ohio. Knife sharpening machine. 2,142,105; Jan. 3.
Blanks, James L., Seattle, Wash. Touch time watch. 2,168,314; Aug. 8.
Blanton, William B., Merrick, N. Y., and R. B. White, Annandale, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph exchange system. 2,165,780; July 11.
Blaschke, Emil, Berlin-Tegel, Germany. Process and device for cutting fibers in rope form, especially synthetic fibers. 2,182,193; Dec. 5.
Blaschke, John G., Hot Springs National Park, Ark. Game table. 2,174,613; Oct. 3.
Blasig, Kurt. (See Wünsch, G., and Blasig.)
Blasig, Kurt, Berlin-Zehlendorf, Germany, assignor to Askania-Werke A. G. Follow-up type control device. 2,172,315; Sept. 5.
Blaski, John F., Chicago, Ill. Mechanical teeing apparatus. 2,152,680; Apr. 4.
Blatt, Harry, Mount Vernon, N. Y. Carton opener. 2,162,053; June 13.
Blattner, August H., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor device. 2,160,410; May 30.
Blattner, August H., Pine Lawn, and F. A. Kommer, assignors to Carter Carburetor Corporation, St. Louis, Mo. Carburetor structure. 2,160,411; May 30.
Blattner, August H., Pine Lawn, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor structure. 2,166,899; July 18.
Blattner, Emil H., assignor to The Symington-Gould Corporation, Rochester, N. Y. Cushioning mechanism. 2,149,203; Feb. 28.
Blau, Albert S., Detroit, Mich. Watch mounting. 2,182,194; Dec. 5.
Blau, Harry, Brooklyn, N. Y. Egg carton and lock. 2,143,536; Jan. 10.
Blau, Henry H., and K. K. Knaell, Charleroi, Pa., assignors, by mesne assignments, to Corning Glass Works, Corning, N. Y. Melting tank and apparatus for cooling seams thereof. 2,174,458; Sept. 26.
Blau, Henry H., and K. K. Knaell, Charleroi, Pa., assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Furnace repair. 2,178,134; Oct. 31.
Blau, Ludwig W., Houston, Tex., assignor to Standard Oil Development Company. Reflection shooting procedure for the accurate determination of dip. Re. 21,183; Aug. 29.
Blau, Ludwig W., Houston, Tex., assignor to Standard Oil Development Company. Determining the dips of geological strata with substantially vertical reflections. 2,148,422; Feb. 28.
Blau, Ludwig W., Houston, Tex., assignor to Standard Oil Development Company. Seismic-electric prospecting by means of continued waves. 2,156,259; May 2.
Blau, Ludwig W., and A. B. Bryan, Houston, Tex., assignors to Standard Oil Development Company. Apparatus for comparing a plurality of oscillatory systems. 2,148,678; Feb. 28.
Blau, Ludwig W., R. R. Thompson, and W. D. Mounce, Houston, Tex., assignors to Standard Oil Development Company. Use of high frequencies in measuring change in electrical impedance. 2,148,679; Feb. 28.
Blau, Ludwig W., and L. Statham, Houston, Tex., assignors to Standard Oil Development Company. Electric earth transient in geophysical prospecting. 2,160,824; June 6.
Blau, Ludwig W., and L. Statham, Houston, Tex., assignors to Standard Oil Development Company. Electrical transient well logging. 2,165,213; July 11.
Blau, Ludwig W., and W. B. Lewis, Houston, Tex., assignors to Standard Oil Development Company. Geophysical prospecting with short electromagnetic waves. 2,165,214; July 11.
Blau, Ludwig W., W. D. Mounce, and W. M. Rust, Jr., Houston, Tex., assignors to Standard Oil Development Company. Feedover device. 2,180,949; Nov. 21.
Blaupot ten Cate, Steven J., Kootwijk, Netherlands. Applying a coating of lacquer to flexible materials. 2,171,389; Aug. 29.
Blaw-Knox Company. (See Croft, George M., assignor.)
Blaw-Knox Company. (See Ehrhardt, George J., assignor.)
Blaw-Knox Company. (See Harrington, Edward L., assignor.)
Blaw-Knox Company. (See Jessen, John D., assignor.)
Blaw-Knox Company. (See Long, Charles A., assignor.)
Blaw-Knox Company. (See McCrery, Harold E., assignor.)
Blaw-Knox Company. (See McDonnell, Edward J., assignor.)
Blaw-Knox Company. (See Robinson, George L., assignor.)
Blaw-Knox Company. (See Venable, William H., assignor.)
Blaw-Knox Company. (See Venable, William M., assignor.)
Blaw-Knox Company. (See Wert, Edwin A., assignor.)
Blayney, Charles V., assignor to General Combustion Company, Chicago, Ill. Radiant. 2,174,962; Oct. 3.
Blazek, John Y., Maple Heights, assignor to Lempco Products Inc., Cleveland, Ohio. Centering tool. 2,173,530; Sept. 19.
Blazek, John Y., Maple Heights, assignor to Lempco Products, Inc., Cleveland, Ohio. Grinding tool. 2,179,465; Nov. 7.
Blazier, Jacob D., Wichita, Kans. Spotlight. 2,185,012; Dec. 26.
Blazier, Jess A., Cleveland, Ohio. Snow sweeper. 2,171,075; Aug. 29.
Bleazby, Evangeline S. (See Searight, John R., assignor.)
Blechman, Irving, Bronx, N. Y. Receptacle. 2,153,545; Apr. 11.
Blechman, Irving, Bronx, N. Y. Receptacle. 2,183,131; Dec. 12.
Blechschmidt, Hermann. (See Münnich, R., and Blechschmidt.)
Bleckley, Logan, Jr., Atlanta, Ga. Ice tray. 2,143,754; Jan. 10.
Bleckmann, Theodore, Cleveland, Ohio. Hair cut gauging device. 2,176,880; Oct. 24.
Bleecker, Maitland B., Hempstead, N. Y. Reaction propulsion device. 2,142,601; Jan. 3.
Bleecker, Maitland B., Montclair, N. J., assignor to Wright Aeronautical Corporation. Dynamic damper guided for polar and translational movement. 2,146,524; Feb. 7.
Bleecker, Maitland B., Upper Montclair, and G. B. Speir, Glen Rock, N. J., assignors to Wright Aeronautical Corporation. Cowling. 2,146,523; Feb. 7.
Bleicher, Otto C., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Glow discharge lamp. 2,150,356; Mar. 14.

Bleibtreu, Herman, Darmstadt, Germany, assignor to Freyn Engineering Company, Chicago, Ill. Coal burning apparatus. 2,159,200; May 23.

Blenden, Stanley, New York, N. Y. Gas heater for curlers. 2,145,750; Jan. 31.

Blenderman, Gordon E., Sioux City, Iowa. Fender guard. 2,146,167; Feb. 7.

Blessin, Siegfried E., Short Hills, assignor to The National Lock Washer Company, Newark, N. J. Front or rear window construction for motor buses or the like. 2,163,566; June 20.

Blessing, Gregory W., Moorestown, and E. C. Guedon, Audubon, N. J., assignors to Radio Corporation of America. Sound reproducing apparatus. 2,157,158; May 9.

Bletcher, Ralph E. (See Bucknell, E. H., and Bletcher.)

Blethen, Frederick W., Denver, Colo. Photoelectric speed limit indicator. 2,142,602; Jan. 3.

Blett, Donald O., Chicago, Ill. Dispensing container. 2,163,974; June 27.

Blettner, George H., assignor to Renette Company, Chicago, Ill. Making composite pistons. 2,148,423; Feb. 28.

Blevins, Herman G., Sewickley, assignor, by mesne assignments, to The National Supply Company, Pittsburgh, Pa. Pipe forming apparatus. 2,150,202; Mar. 14.

Blewer, James W., Johnstown, N. Y. Faced seamless glove. 2,148,849; Feb. 28.

Blewett, John, assignor to The Murray Company, Dallas, Tex. Lifting mechanism for press boxes. 2,175,075; Oct. 3.

Bley, Rudolph S., Elizabethton, Tenn. Producing colloidal metal hydroxides. 2,154,603; Apr. 18.

Bley, Rudolph S., Milligan College, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Spinning solutions containing organic dyes and products thereof. 2,145,580; Jan. 31.

Bley, Rudolph S., Milligan College, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Fibroin spinning solutions. 2,145,855; Feb. 7.

Bley, Rudolph S., Milligan College, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Fibroin spinning solutions. 2,145,856; Feb. 7.

Bley, Rudolph S., Milligan College, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Fibroin spinning solution. 2,145,857; Feb. 7.

Blicke, Frederick F., Ann Arbor, Mich. Tertiary N,N-dicycloalkyl-alkyl amines. 2,180,344; Nov. 21.

Blickman, Saul, New York, N. Y. Sheet polishing machine. 2,155,637; Apr. 25.

Blieden, Alvin D. (See Meyer, August J., assignor.)

Blight, Clayton G., Buffalo, N. Y. Radiator shield. 2,150,816; Mar. 14.

Bliley Electric Company. (See Wolfskill, John M., assignor.)

Blinn, Edward A., Bellmore, N. Y. Coat and trousers hanger. 2,165,215; July 11.

Blinn, Glenn E., Leonia, N. J. Electric receptacle. 2,155,925; Apr. 25.

Blinsinger, Howard C., Lansdowne, Pa. Drafting device. 2,172,829; Sept. 12.

Blish, Ida G., Washington, D. C. Manufacture of massage creams. 2,172,118; Sept. 5.

Bliss, E. W., Company. (See Cannon, Earl, assignor.)

Bliss, E. W., Company. (See Crane, E. V., and Steele, assignors.)

Bliss, E. W., Company. (See Khatunzeff, Serge, assignor.)

Bliss, George J., Pittsburgh, Pa. Windshield defroster. 2,174,816; Oct. 3.

Bliss, Harold N., assignor to Bliss-Morse Research Corporation, Ithaca, N. Y. Variable inductance. 2,175,554; Oct. 10.

Bliss, Harvey N., East Hartford, assignor to Veeder-Root, Incorporated, Hartford, Conn. Liquid register. 2,143,537; Jan. 10.

Bliss, Harvey N, West Hartford, Conn., assignor to Veeder-Root Incorporated. Counter. 2,159,314; May 23.

Bliss, Harvey N., Windsor, Conn., assignor to Veeder-Root, Incorporated. Counter. 2,168,151; Aug. 1.

Bliss, Harvey N., West Hartford, Conn., assignor to Veeder-Root Incorporated. Counter. 2,181,260; Nov. 28.

Bliss-Morse Research Corporation. (See Bliss, Harold M., assignor.)

Blitz, Otto, Oakland, assignor to Pacific Manifolding Book Company, Inc., Emeryville, Calif. Manifolding assembly for mailing. 2,156,142; Apr. 25.

Blizard, John, Garden City, assignor to Foster Wheeler Corporation, New York, N. Y. Boiler circulation. 2,175,013; Oct. 3.

Bloch, Franz G., Leitmeritz, Czechoslovakia. Motion transmitting apparatus. 2,177,799; Oct. 31.

Bloch, Julius. (See Rafael, Fritz, assignor.)

Bloch, Olaf F., Ilford, assignor to Ilford Limited, Ilford, Essex, England. Antihalation layer for photographic sensitive materials. 2,171,911; Sept. 5.

Bloch, Richard, Pelham Manor, N. Y. Woman's stocking or the like. 2,166,748; July 18.

Block, Berthold, Charlottenburg, and O. Hartmann, Kassel-Wilhelmshohe, Germany. Purifying steam. 2,149,160; Feb. 28.

Block, David J., Minnetka, Ill. Stable brewed decaffeinized coffee and producing the same. 2,151,582; Mar. 21.

Block, Harold C. (See Bean, R. N., Block, and Layne.)

Block, Harold C. (See Layne, L. A., and Block.)

Block, Harold C., assignor to L. A. Layne, Houston, Tex. Wash line drive connection. 2,153,822; Apr. 11.

Block, Harold C., assignor to L. A. Layne, Houston, Tex. Tubing hanger. 2,178,549; Nov. 7.

Block-Jones Photo Co. (See Knobel, Max, assignor.)

Block, Louis, and C. S. King, assignors to Blockson Chemical Co., Joliet, Ill. Manufacture of mono-calcium phosphate. 2,181,933; Dec. 5.

Blocker, Chauncey S., Columbus, Ohio. Automatic fishing reel. 2,148,185; Feb. 21.

Blockson Chemical Co. (See Block, L., and King, assignors.)

Blodgett, Fred D., Randolph, Maine. Shears and scissors. 2,171,468; Aug. 29.

Blodgett, Herbert C., assignor to Overhead Door Corporation, Hartford City, Ind. Lock. 2,181,313; Nov. 28.

Blodgett, Raymond L. (See Walter, C. L., and Blodgett.)

Blodgett, Raymond S., East Orange, N. J., assignor to The Bristol Company, Waterbury, Conn. System for control of discontinuous processes. 2,161,847; June 13.

Blohm, August H., Oak Park, Ill., assignor to Trans-Lux Corporation. Projection system. Re. 21,218; Sept. 26.

Blois, Félix, Paris, France. Machine for engraving rings. 2,142,742; Jan. 3.

Blois, Robie K. (See Busby, A. H. W., and Blois, assignors.)

Blomberg, Charles A. (See Mistretta, A., Blomberg, and Willene.)

Blomberg, Martin P., Hinsdale, assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Articulated car. 2,158,062; May 16.

Blomberg, Martin P., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Cooling of railway traction motors. 2,164,444; July 4.

Blomberg, Martin P., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Journal box end thrust arrangement. 2,165,645; July 11.

Blomberg, Martin P., Hinsdale, Ill., assignor to General Motors Corporation, Detroit, Mich. Locomotive front end arrangement. 2,170,791; Aug. 29.

Blomberg, Martin P., and W. H. Mussey, assignors to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Car truck frame. 2,150 870; Mar. 14.

Blomerius, Robert, Berlin-Frohnau, assignor to Rheinmetall-Borsig Aktiengesellschaft, Dusseldorf, Germany. Switching apparatus for electrically counting rapid reciprocating movements. 2,152,947; Apr. 4.

Blomquist, Peter U. F., Gothenburg, Sweden. Cooler for milk or other liquids. 2,144,177; Jan. 17.

Blomquist, Sven G. F. (See Vigren, S. D., and Blomquist.)

Blomquist, Uno O., assignor of a part to T. A. R. Strand, Vasteras, and H. F. Albihn, Stockholm, Sweden. Wall consisting of tubes or the like for furnaces or other heating arrangements. 2,146,560; Feb. 7.

Blomqvist, Gustav M. (See Grubb, G. A., and Blomqvist.)

Blomqvist, Gustav M., and S. F. Torstensson, Stockholm, Sweden, assignors, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,184,112; Dec. 19.

Blondel, André, Paris, France. Apparatus for color cinematography. 2,159,420; May 23.

Blondel, André, Paris, France. Diaphragm for lenticulated films. 2,160,716; May 30.

Blondelle, Roger, Paris, France. Aneroid altimetric device with a high amplitude for aircraft. 2,172,694; Sept. 12.

Blonkvist, Brent G., Pampa, Tex. Combination rear vision mirror and sign. 2,182,275; Dec. 5.

Blood, Charles F., Jr., Springfield, assignor of one-half to C. P. Price, Natick, Mass. Liquid distributing apparatus. 2,149,660; Mar. 7.

Blood, Harold L., assignor to The Heald Machine Company, Worcester, Mass. Apparatus for honing. 2,146,414; Feb. 7.

Blood, Harold L., assignor to The Heald Machine Company, Worcester, Mass. Honing machine. 2,148,337; Feb. 21.

Blood, Harold L., assignor to The Heald Machine Company, Worcester, Mass. Hone. 2,159,962; May 30.

Blood, Harold L., assignor to The Heald Machine Company, Worcester, Mass. Hone. 2,164,867; July 4.

Blood, Harold L., assignor to The Heald Machine Company, Worcester, Mass. Method of and apparatus for honing workpieces. 2,164,868; July 4.

Blood, Harold L., assignor to The Heald Machine Company, Worcester, Mass. Apparatus for honing. 2,182,276; Dec. 5.

Blood, Harold L., and W. D. Schmidt, assignors to The Heald Machine Company, Worcester, Mass. Honing machine. 2,174,029; Sept. 26.

Blood, Henry F. (See Holmes, H. B., Blood, and Bell.)

Blood, Howard E., and R. R. Potter, Detroit, Mich., assignors, by mesne assignments, to Borg-Warner Corporation. Air conditioning apparatus. 2,162,523; June 13.

Blood, Perley T., assignor of one-half to W. A. Bower, Hamilton, Mont. Sanding machine. 2,143,970; Jan. 17.

Blood, Robert A., assignor to Crouse-Hinds Company, Syracuse, N. Y. Shock-resisting receptacle. 2,174,773; Oct. 3.

Blood, Robert A., assignor to Crouse-Hinds Company, Syracuse, N. Y. Combination explosion proof switch plug and receptacle. 2,176,290; Oct. 17.
Blood, Robert A., assignor to Crouse-Hinds Company, Syracuse, N. Y. Switch actuating mechanism. 2,180,501; Nov. 21.
Bloom, Charles F., Vancouver, Wash. Drive for rod weeders. Re. 21,259; Nov. 14.
Bloom, Nathan, New York, N. Y. Hat covering. 2,176,953; Oct. 24.
Bloom, Philip S., Chicago, Ill. Undergarment. Re. 21,253; Oct. 31.
Bloomberg, Joseph E., assignor to Milwaukee Saddlery Company, Milwaukee, Wis. Seat. 2,147,361; Feb. 14.
Bloomberg, Joseph E., assignor to Milwaukee Saddlery Company, Milwaukee, Wis. Cushioning material. 2,147,362; Feb. 14.
Bloomberg, Maxwell H., Brighton, Mass. Device for applying a coating to fabric. 2,157,521; May 9.
Bloomer Bros. Company. (See Holmes, Raynor M., assignor.)
Bloomer Bros. Company. (See Inman, William H., assignor.)
Bloomer Bros. Company. (See Shearer, John P., assignor.)
Bloomer, Ward J. (See Kraft, W. W., and Bloomer.)
Bloomfield, Samuel, Chicago, Ill. Drink mixer switch. 2,146,710; Feb. 14.
Bloomfield, Samuel, Chicago, Ill. Can opener. 2,158,319; May 16.
Bloomfield, Samuel, Chicago, Ill. Fruit press. 2,183,804; Dec. 19.
Bloomfield, Samuel, Chicago, Ill. Counter rack. 2,183,805; Dec. 19.
Bloomheart, John L., assignor to M. F. McKesson, Toledo, Ohio. Gas administration. 2,144,479; Jan. 17.
Bloss, Richard R., Beaumont, Tex., assignor to International Derrick & Equipment Company. Speed-up and speed-down for rotaries. 2,157,728; May 9.
Blosser, Herman G., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Approach control apparatus for railway signaling systems. 2,174,255; Sept. 26.
Blosser, Herman G., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Approach control apparatus for railway signaling systems. 2,176,605; Oct. 17.
Blosser, Herman G., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Approach control apparatus for railway signaling systems. 2,177,089; Oct. 24.
Blosser, Herman G., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Approach control apparatus for railway signaling systems. 2,177,090; Oct. 24.
Blosser, Herman G., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Approach control apparatus for railway signaling systems. 2,184,543; Dec. 26.
Blossom, James E., Chicago, deceased; M. M. Blossom, Cook County, Ill., administratrix. Brush. 2,155,004; Apr. 18.
Blossom, Mary M., administratrix. (See Blossom, James E.)
Blotner, Joseph, et al. (See Yoskowitz, S., and Gauvin, assignors.)
Blott, John F. T. (See Gabriel, L. G., and Blott.)
Blouch, Levi H. (See Ferla, John, assignor.)
Blough, Ronald S., assignor to The Dexter Company, Fairfield, Iowa. Toggle lever device for washing machines. 2,177,052; Oct. 24.
Blount, Arthur L., Palos Verdes Estates, and M. T. Flaxman, Wilmington, assignors to Union Oil Company of California, Los Angeles, Calif. Automobile polish. 2,154,721; Apr. 18.
Blount, Edgar R., Rome, Ga., assignor to Tubize Chatillon Corporation, New York, N. Y. Duplex surface godet and spinning apparatus. 2,181,934; Dec. 5.
Blount, Frank E., Cedar Grove, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,153,293; Apr. 4.
Blount, Frank E., Cedar Grove, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical testing system. 2,181,560; Nov. 28.
Blount, Harry, Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Wire-drawing die and method. 2,146,788; Feb. 14.
Blount, Harry, Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for treating dies. 2,149,330; Mar. 7.
Blount, William H., assignor of one-half to Sleeper & Hartley, Incorporated, Worcester, Mass. Power driving mechanisms. 2,151,417; Mar. 21.
Blount, William H., Worcester, and C. F. Fisher, Spencer, assignors to Sleeper & Hartley, Incorporated, Worcester, Mass. Wire coiling machine. 2,163,019; June 20.
Blount, William H., Worcester, and C. F. Fisher, Spencer, assignors to Sleeper & Hartley, Inc., Worcester, Mass. Wire-coiling machine. 2,175,426; Oct. 10.
Blow, George, New York, N. Y. Recovering the values from ores. 2,165,607; July 11.
Bloxsom, Allan P., Houston, Tex. Recorder and reproducer. 2,154,722; Apr. 18.
Bloxsom, Allan P., Houston, Tex. Accelerator timer control. 2,169,216; Aug. 15.
Bludworth, Joseph E., Cumberland, Md., assignor to Celanese Corporation of America. Composition for application to organic derivatives of cellulose. 2,149,498; Mar. 7.
Blue. J. Curtis. (See Carlson, Axel S., assignor.)
Blue, Robert D. (See Mathers, F. C., and Blue.)
Blue, Robert D., assignor to The Dow Chemical Company, Midland, Mich. Catalyst for making ethyl chloride. 2,180,345; Nov. 21.
Blue, Roy E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Latch bolt. 2,159,315; May 23.
Blue, Sidney D., New York, assignor to Cluett, Peabody & Co., Inc., Troy, N. Y. Self-draping necktie. 2,178,029; Oct. 31.
Blue, Thomas D., Charlottesville, Va. Peepers. 2,183,665; Dec. 19.
Blue Channel Corporation, The. (See Harris, Sterling G., assignor.)
Blue Ridge Slate Corporation. (See Hillers, C. E., and Small, assignors.)
Bluemle, Arnold A., and J. W. Lawson, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Switch. 2,148,801; Feb. 28.
Blum, Carl R., Berlin-Marienfelde, Germany. Phonorhythm process and apparatus for carrying it out.
Blum, George J., assignor to Armstrong-Blum Mfg. Co., Chicago, Ill. Variable speed drive mechanism. 2,162,772; June 20.
2,168,467; Aug. 8.
Blum, Leo J., Macon, Ga. Battery lifter. 2,169,119; Aug. 8.
Blumberg, Arthur O. (See Morgan, C. H., and Blumberg.)
Blume, Louis F., Pittsfield, Mass., assignor to General Electric Company. Electrical control circuit. 2,175,870; Oct. 10.
Blume, Louis F., and L. V. Bewley, Pittsfield, Mass., assignors to General Electric Company. Electric circuit. 2,152,462; Mar. 28.
Blume, Louis F., and L. V. Bewley, Pittsfield, Mass., assignors to General Electric Company. Electric circuit. 2,152,463; Mar. 28.
Blume, Ralph J., Fort Wayne, Ind. Visibility indicator. 2,150,597; Mar. 14.
Blume, Walter, assignor of one-half to Arado Flugzeugwerke Gesellschaft mit beschränkter Haftung, Brandenburg-on-the-Havel, Germany. Engine arrangement in aircraft. 2,170,003; Aug. 22.
Blumenbaum, Louis G., assignor to Boston Wire Stitcher Company, Warwick, R. I. Fastener applying implement. 2,161,449; June 6.
Blumenfeld, Joseph, Paris, France. Hydrogenation of ketones. 2,158,040; May 9.
Blumenfeld, Joseph, Neuilly-sur-Seine, assignor to Societe de Produits Chimiques des Terres Rares, Paris, France. Preparation of oxygen containing compounds of cerium. 2,166,702; July 18.
Blumenstock, Louis, Brooklyn, N. Y., assignor to The Spear Box Co., Inc. Shirt jacket. 2,146,052; Feb. 7.
Blumenthal, Alexander E., Pittsburgh, Pa. Lighting fixture. 2,147,088; Feb. 14.
Blumenthal, Bernhard. (See Hadenfeldt, H., and Blumenthal.)
Blumenthal, Edward A., Chicago, Ill. Radiator shutter construction. 2,174,358; Sept. 26.
Blumenthal, Isadore D., Charlotte, N. C. Support for telephone bases. 2,148,055; Feb. 21.
Blumenthal, Isadore D., Charlotte, N. C. Eyeshield. 2,172,573; Sept. 12.
Blumenthal, Louis, Brooklyn, N. Y. Razor. 2,143,643; Jan. 10.
Blumenthal, Maurice, Brooklyn, and L. Casper, Richmond Hill, N. Y. Garbage incinerator system. 2,160,825; June 6.
Blumer, Alfred M. (See Ripley, David W., assignor.)
Blumer, Louis, Miami, Fla. Vacuum apparatus. 2,151,679; Mar. 28.
Blumer, Manuel, Butler, Pa., assignor to L. Sonneborn Sons, Inc. Purification of petroleum mohogany sulphonates. 2,166,117; July 18.
Blumer, Manuel, Butler, Pa., assignor to L. Sonnenborn Sons, Inc. Purification of petroleum mahogany sulphonates. 2,168,315; Aug. 8.
Blumlein, Alan D. (See Bowman-Manifold, M., and Blumlein.)
Blumlein, Alan D., Ealing, England, assignor to Electric & Musical Industries Limited. Electric circuits for reducing the effect of shunt capacity or reactance introduced by circuit elements. 2,149,331; Mar. 7.
Blumlein, Alan D., Ealing, London, assignor to Electric & Musical Industries, Ltd., Hayes, Middlesex, England. Electric signal transmission line. 2,157,522; May 9.
Blumlein, Alan D., Ealing, London, England, assignor to Electric and Musical Industries Limited, Hayes, England. Television and the like system employing cathode ray tubes. 2,165,028; July 4.
Blumlein, Alan D., Ealing, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Multiplex signaling system. 2,172,354; Sept. 12.
Blumlein, Alan D., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Thermionic valve and other electric circuits. 2,176,200; Oct. 17.

Blumlein, Alan D., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Thermionic valve circuit. 2,178,985; Nov. 7.
Blumlein, Alan D., London, and H. E. Holman, Yiewsley, assignors to Electric & Musical Industries Limited, Hayes, England. Photoelectric screen for cathode ray tubes. 2,143,907; Jan. 17.
Blumlein, Alan D., Ealing, London, and J. Hardwick, West Drayton, assignors to Electrical & Musical Industries Limited, Hayes, Middlesex, England. Electric signal transmission line. 2,164,492; July 4.
Blumlein, Alan D., and J. D. McGee, Ealing, London, assignors to Electic & Musical Industries Limited, Hayes, Middlesex, England. Television transmitting system. 2,182,578; Dec. 5.
Blumlein, Alan D., and E. A. Nind, Ealing, London, assignors to Electric & Musical Industries, Limited, Hayes, Middlesex, England. Television and like transmitting system. 2,182,839; Dec. 12.
Blümner, Erwin, London, England. Apparatus for the production of true colloidal fuel. 2,144,178; Jan. 17.
Blunk, Heinrich. (See Prüss, M., and Blunk.)
Blunt, Desco, Venango, Nebr. Agriculture machine. 2,163,726; June 27.
Blunt, Grover A. (See Sadler, J. W., and Blunt.)
Blunt, James G., Schenectady, assignor to American Locomotive Company, New York, N. Y. Railway vehicle. 2,147,398; Feb. 14.
Blunt, James G., Schenectady, assignor to American Locomotive Company, New York, N. Y. Railway vehicle and lateral motion resistance and centering device therefor. 2,148,724; Feb. 28.
Blunt, James G., Schenectady, assignor to American Locomotive Company, New York, N. Y. Locomotive. 2,155,926; Apr. 25.
Blunt, James G., Schenectady, assignor to American Locomotive Company, New York, N. Y. Steam locomotive. 2,171,106; Aug. 29.
Blunt, James G., Schenectady, assignor to American Locomotive Company, New York, N. Y. Streamline locomotive. 2,177,590; Oct. 24.
Blunt, James G., Schenectady, assignor to American Locomotive Company, New York, N. Y. Railway vehicle. 2,180,392; Nov. 21.
Blunt, Royden A., Baltimore, Md. Vending machine bottle. 2,169,869; Aug. 15.
Bluthardt, Edwin, Chicago, Ill. Toy building block. 2,147,237; Feb. 14.
Blydenburgh, Harold L. (See George, E. S., and Blydenburgh.)
Boaden, Earl T. (See King, R., and Boaden.)
Boaler, William H. (See Guyler, A. F., Boaler, and Fulton.)
Boals, Eli R., Pasadena, Calif. Fastener. 2,146,789; Feb. 14.
Boardman, Cebert. (See Whittome, A. C., and Boardman.)
Boaz, Arthur R., Acton, London, England, assignor to R. Hoe & Co., Inc., New York, N. Y. Apparatus for observing revolving objects. 2,153,448; Apr. 4.
Bobst, Henri, Lausanne, Switzerland. Press for cutting cardboard. 2,151,890; Mar. 28.
Bobst, Henri, Lausanne, Switzerland. Press for cutting cardboard and scrap ejector therefor. 2,158,053; May 16.
Bocchino, Roger P. A., Paris, France. Devon made of soft material. 2,152,948; Apr. 4.
Bochicchio, Paul B., Forest Hills, and N. Yurcak, Elmhurst, N. Y. Sanitary device for telephone mouthpieces. 2,143,675; Jan. 10.
Bochmann, Otto, Remscheid-Lennep, Germany, assignor to American Bemberg Corporation, New York, N. Y. Spinning centrifuge. Re. 21,290; Dec. 12.
Bochmann, Otto, Remscheid-Lennep, assignor to Barmer Maschinenfabrik, Aktiengesellschaft, Wuppertal-Oberbarmen, Germany. Winding machine with driving drum drive for the winding bobbin. 2,143,297; Jan. 10.
Bochmann, Otto, Remscheid-Lennep, assignor to Barmer Maschinenfabrik Aktiengesellschaft, Wuppertal-Barmen, Germany. Double twist twisting spindle. 2,156,330; May 2.
Bochmann, Otto, Remscheid-Linnep, Rhineland, assignor to Barmer Maschinenfabrik Aktiengesellschaft, Wuppertal-Oberbarmen, Germany. Thread drawing off device on double twist twisting machines. 2,158,607; May 16.
Bochmann, Otto, Remscheid-Lennep, assignor to Barmer Maschinenfabrik Aktiengesellschaft, Wuppertal-Oberbarmen, Germany. Gear pump. 2,176,388; Oct. 17.
Bochmann, Otto, Remscheid-Lennep, assignor to Barmer Maschinenfabrik Aktiengesellschaft, Wuppertal-Oberbarmen, Germany. Cam follower. 2,183,061; Dec. 12.
Bochmann, Richard. (See Boguhn, P., and Bochmann.)
Bochy, Richard, Floyd Hill, Colo. Repointing a worn excavator teeth. 2,148,925; Feb. 28.
Bocjl Corporation. (See Gunther, Felix A., assignor.)
Bock, Alfred C. O., and J. J. Ernau, Brooklyn, N. Y.; said Arnau assignor to said Bock. Disk charge-forming apparatus. 2,157,110; May 9.
Bock, Ashley P., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Compact tuning device. 2,147,425; Feb. 14.
Bock, Carl J., Birmingham, assignor to Yellow Truck & Coach Manufacturing Company, Pontiac, Mich. Power-divided transmission. 2,158,320; May 16.
Bock, Carl J., assignor to Yellow Truck & Coach Manufacturing Company, Pontiac, Mich. Trailer. 2,179,708; Nov. 14.
Bock, Charles S., assignor to A. Hoffman, Chicago, Ill. Flagpole support. 2,178,466; Oct. 31.
Bock Corporation. (See Bock, Oscar L., assignor.)
Bock, Fritz, Berlin-Charlottenburg, Germany. Ophthalmic mounting. 2,148,397; Feb. 21.
Bock Machine Company, The. (See Rowell, John T., assignor.)
Bock, Oscar L., assignor to Bock Corporation, Madison, Wis. Oil burner. 2,162,571; June 13.
Bock, Oscar L., assignor to Bock Corporation, Madison, Wis. Oil burner ignition device. 2,162,572; June 13.
Bock, Wilhelm, Gwynedd, Pa. Heater. 2,145,209; Jan. 24.
Bockemüller, Wilhelm, Wurzburg, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Condensation products. 2,179,809; Nov. 14.
Bockhoff, Harry W., and R. Rodal, assignors to The National Automatic Tool Company, Richmond, Ind. Drilling machine with tapping attachment. 2,176,414; Oct. 17.
Bockmühl, Max, G. Ehrhart, H. Ruschig, and W. Aumüller, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Cyclopentane-polyhydrophenanthrene derivatives. 2,142,170; Jan. 3.
Bockmuhl, Max, G. Ehrhart, and H. Ruschig, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Preparation of the reducto-dehydrochloric acid esters. 2,143,676; Jan. 10.
Bockmühl, Max, and O. Sievers, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Compounds of the diamino-acridinium series and preparing them. 2,145,070; Jan. 24.
Bockmühl, Max, Frankfort-on-the-Main-Hochst, L. Middendorf, Frankfort-on-the-Main-Sindlingen, and W. Starck, Hofheim in Taunus, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Shaped medicinal preparation. 2,149,005; Feb. 28.
Bockmühl, Max, G. Ehrhart, and L. Stein, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Derivatives of 3,4-dihydroxyphenylaminopropanols. 2,151,459; Mar. 21.
Bockmühl, Max, and G. Ehrhart, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Preparing glucosides having an action on the heart obtained from oleander leaves. 2,168,789; Aug. 8.
Bockmühl, Max, and H. Hermann, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Isoquinoline compounds and derivatives thereof. 2,168,929; Aug. 8.
Bockmühl, Max, G. Ehrhart, and H. Ruschig, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Carboxylic acids of the cyclo-pentano-polyhydro-phenanthrene series and preparing them. 2,171,959; Sept. 5.
Bockmühl, Max, and G. Ehrhart, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Gold compounds of disulphide-acylalkylglucamides and preparing same. 2,174,412; Sept. 26.
Bockmühl, Max, G. Ehrhart, H. Ruschig, and W. Aumüller, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Preparing compounds of the cyclopentanoperhydrophenanthrene series. 2,183,851; Dec. 19.
Bockting, Benjamin B. (See Brandt, F. H. G., and Bockting.)
Bocz, Alexander J., Detroit, Mich. Vibration damper. Re. 21,021; Mar. 7.
Bocz, Alexander J., Detroit, Mich. Vibration damper. Re. 21,022; Mar. 7.
Boddinghouse, Emmons R., Chicago, Ill., assignor to Gas Tool Patents Corporation. Internal combustion tool. 2,162,416; June 13.
Boddy, William H., Feltham, assignor to Newton Brothers (Derby) Limited, Derby, England. Control mechanism or variable throw hydraulic pumps. 2,163,479; June 20.
Bode, Harold E., Chicago, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Manufacture of dextrine in a heated liquid medium. 2,156,488; May 2.
Bode, Harold E., Chicago, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Treatment of mercaptan containing material. 2,160,116; May 30.
Bode, Harold E., Chicago, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Water-resistant, starch-containing product and method. 2,165,834; July 11.
Bode, Harold E., Chicago, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Mordant and making same. 2,183,390; Dec. 12.

Bode, Richard, and A. von Petery, Kiel, assignors to Anschutz & Co., G. m. b. H., Kiel-Neumuhlen, Germany. Antifriction bearing. 2,171,390; Aug. 29.
Bodenhamer, Forest M. (See Lewis, R., and Bodenhamer.)
Bodenmann, Hans. (See Hallbauer, Otto, assignor.)
Bodine Corporation, The. (See Soderberg, Gustav A., assignor.)
Bodine Corporation, The. (See Stahlhammer, Eric J., assignor.)
Bodine Electric Company. (See Rall, Carl A., assignor.)
Bodine, Howard O., Wantagh, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Film drier. 2,150,757; Mar. 14.
Bodkin, Irving S., New York, assignor to Conrad Razor Blade Co. Inc., Long Island City, N. Y. Strip aligning means. 2,156,038; Apr. 25.
Bodle, Alexander T., assignor to Dodge Manufacturing Corporation, Mishawaka, Ind. Power shifter. 2,145,150; Jan. 24.
Body, William K., Detroit, and S. E. Bickle, Highland Park, Mich., assignors to Borg-Warner Corporation. Sealed motor compression unit. 2,174,233; Sept. 26.
Bodycomb, Robert D., Edwardsville, Ill. Bowling ball. 2,176,520; Oct. 17.
Boecker, Alfred, Bielerhof, Biel, assignor to the firm Duradur S. A., Biel, Switzerland. Producing hard materials. 2,171,391; Aug. 29.
Boecker, Gustav and J. G., Dusseldorf, Germany, assignors to C. A. Bolton, London, England. Production of heavy metals. 2,173,749; Sept. 19.
Boecker, Johann G. (See Boecker, Gustav and J. G.)
Boecker, Theodore J., Melrose, assignor to Haley Cate Rockwood Company Inc., Everett, Mass. Apparatus for skiving strip material. 2,170,920; Aug. 29.
Boeddinghaus, Hugo, Newburgh, assignor to American Felt Company, New York, N. Y. Felted fabric and making the same. 2,181,043; Nov. 21.
Boedeker, Edward W., assignor of one-half to C. Hollman, Fort Wayne, Ind. Yarn carrier for knitting machines. 2,147,592; Feb. 14.
Boegehold, Alfred L. (See Terry, R. H., and Boegehold.)
Boeger, Henry F. (See Scott, Robert E., assignor.)
Boehl, Wilhelm. (See Titchen, C., and Boehl.)
Boehler, Robert E., Gary, Ind. Apparatus for removing rings from cement kilns. 2,172,119; Sept. 5.
Boehm, Arthur O., Chicago, assignor to Perfection Gear Company, Harvey, Ill. Valve. 2,172,079; Sept. 5.
Boehm, Henry H., Council Bluffs, Iowa. Grease container. 2,167,289; July 25.
Boehm, Paul, Rhinelander, Wis. Digester top relief screen. 2,172,120; Sept. 5.
Boehme, John O., Washington, D. C. Flower bed border. 2,184,904; Dec. 26.
Boehnke, Ralph O., Ann Arbor, Mich. Gauge. 2,179,538; Nov. 14.
Boehringer, Albert, et al. (See Scheuing, G., and Krauss, assignors.)
Boehringer, C. F., & Soehne G. m. b. H. (See Hanusch, Fritz, assignor.)
Boehringer, C. F., & Soehne G. m. b. H. (See Müller, R., and Lübke, assignors.)
Boehringer, C. H., Sohn. (See Scheuing, G., and Krauss.)
Boehringer, Ernst, et al. (See Scheuing, G., and Krauss, assignors.)
Boeing Aircraft Company. (See Haberlin, John F., assignor.)
Boeing Aircraft Company. (See Minshall, R. J., and Wells, assignors.)
Boeing Aircraft Company. (See Price, Nathan C., assignor.)
Boeing Aircraft Company. (See Sanders, John C., assignor.)
Boeing Aircraft Company. (See Wells, Edward C., assignor.)
Boekel, William L., San Francisco, Calif. Gold pan. 2,178,390; Oct. 31.
Boejl Corporation. (See Merten, William J., assignor.)
Boenau, Arthur H. (See Smith, P. L., Shipp, and Boenau.)
Boer, Albert G., Eindhoven, J. van Niekerk, Leiden, and E. H. Reerink and A. van Wijk, assignors to N. V. Philips' Gloeimalpenfabrieken, Eindhoven, Netherlands. Vitamin. 2,163,659; June 27.
Boerger, Martin G. (See Munch, H. S., and Boerger.)
Boerger, Martin G., assignor to Modine Manufacturing Company, Racine, Wis. Cut-off machine. 2,156,049; Apr. 25.
Boericke, Garth W., and W. W. Young, assignors to J. C. Shay, Incorporated, Philadelphia, Pa. Therapeutic colloid. 2,154,432; Apr. 18.
Boering Specialty Co. (See Lindgren, Ferdinand, assignor.)
Boerlage, Gerrit D., Delft, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Apparatus for showing the nature of combustion in internal combustion engines. 2,153,114; Apr. 4.
Boese, Albert B., Jr., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Acetoacetyl amides and their preparation. 2,152,132; Mar. 28.
Boese, Albert B., Jr., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Preparation of acetoacetyl aromatic acid amides. 2,152,786; Apr. 4.
Boese, Albert B., Jr., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Preparation of acetoacetyl aromatic acid amides. 2,152,787; Apr. 4.
Boese, Albert B., Jr., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Preparation of phenyl methyl pyrazyl phenyl methyl pyrazolone. 2,165,445; July 11.
Boese, Albert B., Jr., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Preparation of acetoacetic esters of aliphatic alcohols. 2,167,168; July 25.
Boesser, George F., Arlington, N. J. Combined camera and flash lamp. 2,145,917; Feb. 7.
Boetcker, William A., Flushing, N. Y., assignor to Talon, Inc. Garment. 2,166,088; July 11.
Boettger, Oskar, Frankfort-on-the-Main, Germany, assignor to The Turner Tanning Machinery Company, Peabody, Mass. Machine for operating upon hides, skins, and leather. 2,177,015; Oct. 24.
Boettger, William F., Redlands, Calif. Apparatus for washing fruit. 2,143,838; Jan. 17.
Boettinger, William G., Baltimore, Md., assignor to Bendix Aviation Corporation, South Bend, Ind. Temperature compensating means for a measuring instrument. 2,165,744; July 11.
Boettle, Max. (See Schlipp, L., and Boettle.)
Boetto, Jean C., Croissy, France, assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,152,022; Mar. 28.
Boex, Milan J., assignor to Northern Paper Mills, Green Bay, Wis. Towel cabinet. 2,150,817; Mar. 14.
Boeye, Paul F., assignor to Waldorf Paper Products Company, St. Paul, Minn. Box. 2,177,933; Oct. 31.
Bogart, Ernest, et al. (See Major, Charles W., assignor.)
Bogart, Henry C., Blue Earth, assignor of twenty-five per cent to J. C. Spornitz, Jenkins, Minn. Harrow. 2,142,264; Jan. 3.
Bogdan, Mihai, Ploesti, Rumania, assignor to Shell Development Company, San Francisco, Calif. Stabilizing organic heavy metal salts. 2,163,020; June 20.
Bögemann, Max. (See Ulrich, H., Ploetz, and Bögemann.)
Boggero, Louis, New York, and R. Broder, Brooklyn, N. Y. Ball fringe braid. 2,182,653; Dec. 5.
Boggia, Moses J., Corona, N. Y. Luggage rack. 2,180,333; Nov. 21.
Boggild, Axel V., Trumbull, Conn., assignor to General Electric Company. Method and apparatus for making self-tapping screws. 2,161,610; June 6.
Boggild, Axel V., Trumbull, Conn., assignor to General Electric Company. Fastener. 2,161,611; June 6.
Boggild, Axel, Trumbull, Conn., assignor to General Electric Company. Attachment plug. 2,178,417; Oct. 31.
Boggild & Jacobsen. (See Aasted, Kai C. S., assignor.)
Boggs, Albert. (See Holcomb, P., Jr., and Boggs.)
Boggs, James P., Denver, Colo. Building construction. 2,155,216; Apr. 18.
Boggs, Walter W. (See Russell, J. K., Collins, and Boggs.)
Bogin, Charles, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Applying cellulose derivative lacquers. 2,150,096; Mar. 7.
Bogin, Charles, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Synthetic resin coating composition. 2,174,495; Sept. 26.
Bogoslowsky, Boris, New York, N. Y. Making golf balls. 2,153,408; Apr. 4.
Bogoslowsky, Boris, New York, N. Y. Machine for making golf balls. 2,153,409; Apr. 4.
Bogoslowsky, Boris, New York, N. Y. Golf ball. 2,153,410; Apr. 4.
Bogoslowsky, Boris, New York, N. Y. Making a golf ball. 2,167,869; Aug. 1.
Bogoslowsky, Boris, New York, N. Y. Making a golf ball. 2,178,774; Nov. 7.
Bogress, Thomas G., Kirksville, Mo. Token dispenser. 2,158,608; May 16.
Bogue, Harold. (See Parmeter, Walter N., assignor.)
Boguhn, Paul, Berlin, and R. Bochmann, Wittenberge, Potsdam, Germany, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Blind-stitching presser-foot for zig-zag sewing machines. 2,162,212; June 13.
Bogumill, Peter, Rib Lake, Wis. Road sander. 2,178,320; Oct. 31.
Boh, George W., assignor to O. B. Andrews Company, Chattanooga, Tenn. Container. 2,167,741; Aug. 1.
Bohland, Carl P., Watertown, S. Dak. Snow fence. 2,161,450; June 6.
Bohleber & Ledbetter. (See Morgan, Porter S., assignor.)
Böhler, Gebr., & Co. Aktiengesellschaft Wien. (See Leitner, Franz, assignor.)
Böhler, Gebr., & Co. Aktiengesellschaft Wien. (See Rapatz, Franz, assignor.)
Böhm, Otto, and H. Gruhnwald, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Method of and means for influencing the field of sound. 2,145,288; Jan. 31.
Böhm, Otto, and R. Hofer, assignors to Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Modulation circuit. 2,169,019; Aug. 8.
Böhm, Viktor, Vienna, Austria. Machine for rubbing hats. 2,154,196; Apr. 11.
Bohme Fettchemie-Gesellschaft m. b. H. (See von Lippmann, Ernst, assignor.)

Böhme, H. Th., Aktiengesellschaft. (See Kling, W., and Götte, assignors.)
Böhme, Joachim, Berlin-Schoneberg, assignor to Fides Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschrankter Haftung, Berlin, Germany. High frequency oscillator. 2,153,131; Apr. 4.
Bohmer, Clarence I., and R. F. Gatch, assignors to The Jaeger Machine Company, Columbus, Ohio. Water-distributing system for concrete mixers. 2,159,499; May 23.
Bohn Aluminum & Brass Corporation. (See McCullough, William E., assignor.)
Bohn, Donald I., Pittsburgh, Pa. Welding timer. 2,152,631; Apr. 4.
Bohn, Donald I., Pittsburgh, Pa., and O. K. Marti, Wauwatosa, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric current converting system. 2,166,900; July 18.
Bohn, Nicholas J. (See Philipp, L. A., and Bohn.)
Bohner, Clyde C. (See Schmidinger, J., and Bohner.)
Bohner, Hans. (See Beck, A., and Bohner.)
Boho, Anton F., Newark, N. J. Variable speed transmission mechanism. 2,179,171; Nov. 7.
Bohrer, Joseph H., assignor to Continental Rubber Works, Erie, Pa. Hose grip and protector. 2,181,086; Nov. 21.
Böhringer, Rolf, and R. Germar, Goppingen, Germany. Speed regulating mechanism. 2,164,306; July 4.
Bohuslav, Hans A., assignor to Enterprise Foundry Corporation, San Francisco, Calif. Reciprocating valve. 2,180,347; Nov. 21.
Boiano, Andrew, Rochester, N. Y. Filtering element. 2,146,525; Feb. 7.
Boice, John E., Toledo, Ohio. Woodworking machine. 2,166,703; July 18.
Boice, Russell, Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Wrinkle eliminator. 2,175,337; Oct. 10.
Boigon, Samuel, Toronto, Ontario, Canada. Blind stitch sewing machine. 2,145,039; Jan. 24.
Boiler Room Equipment, Inc. (See Roth, Paul C., assignor.)
Boisseau, Jesse W., assignor of one-half to S. D. Bowles, Dallas, Tex. Dispensing device. 2,184,830; Dec. 26.
Bokemüller, Alfred, Gaggenau, Baden, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Internal combustion engine. 2,145,415; Jan. 31.
Bokemüller, Alfred, Gaggenau, Baden, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Two-stroke internal combustion engine. 2,148,854; Feb. 28.
Bokenkroger, William H., Hudson Falls, N. Y. Vehicle. 2,147,517; Feb. 14.
Bokovoy, Samuel A., Audubon, N. J., assignor to Radio Corporation of America. Piezoelectric crystal mounting. 2,166,713; July 18.
Bokovoy, Samuel A., Audubon, N. J., assignor to Radio Corporation of America. Two-frequency piezoelectric element. 2,176,653; Oct. 17.
Bojner, Gustav, Stockholm, Sweden. System for ventilating rooms. 2,184,484; Dec. 26.
Bol, Cornelis, and A. Linnemans, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Lighting device. 2,158,215; May 16.
Bol, Cornelis, G. B. Jonas, and H. J. Lemmens, Eindhoven, Netherlands, assignors to General Electric Company. Composition of matter. 2,177,685; Oct. 31.
Boland, Albert J., St. Louis, Mo. Continuous furnace. 2,156,008; Apr. 25.
Boland, Earl L., Terrace Park, assignor to The Globe-Wernicke Company, Norwood, Ohio. Locking mechanism. 2,174,200; Sept. 26.
Boland, Thomas H., and R. C. Arnold, Haverhill, Mass.; said Arnold assignor to said Boland. Neon sign. 2,145,967; Feb. 7.
Bolas, Harold, Providence, R. I. Aircraft. 2,152,835; Apr. 4.
Bolas, John T., assignor to The Bristol Aeroplane Company Limited, Bristol, England. Milling machine. 2,184,708; Dec. 26.
Bolcom, Winfred G., Duluth, Minn. Somersaulter. 2,164,563; July 4.
Bold, Ralph E., Lansdowne, Pa., assignor to General Electric Company. Electric circuit breaker. 2,185,166; Dec. 26.
Bold, Walter. (See Hyde, John R., assignor.)
Bold, Walter, Pittsburgh, Pa. Mechanical toy. 2,154,121; Apr. 11.
Boldt, Werner F. (See Freeman, W. R., and Boldt.)
Boldt, Werner F. (See Freeman, W. R., Dick, and Boldt.)
Boldt, Werner F., Overland, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake shoe clearance take-up means. 2,166,793; July 18.
Boldt, Werner F., Clayton, assignor to Wagner Electric Corporation, St. Louis, Mo. Compressor shut-off valve. 2,173,819; Sept. 26.
Boldt, Werner F., Overland, assignor to Wagner Electric Corporation, St. Louis, Mo. Mounting for brake shoes. 2,181,721; Nov. 28.
Boldt, Werner F., Overland, and B. Dick, Ferguson, assignors to Wagner Electric Corporation, St. Louis, Mo. Combined compressor and power cylinder. 2,162,797; June 20.
Boldusoff, Fred J., Bridgeport, Conn. Dental floss holder. 2,162,240; June 13.
Bole, George A. (See Co Van, H. E., and Bole.)
Bole, George A., and H. E. Co Van, assignors to Standard Pyrometric Cone Company, Columbus, Ohio. Punch and die mechanism for producing pyrometric cones. 2,181,618; Nov. 28.
Bolek, Frank J., and T. S. Levis, assignor to J. I. Thompson, Chicago, Ill. Garment blocker. 2,161,451; June 6.
Bolen, Carl T., Long Beach, Calif. Thermal cover. 2,169,511; Aug. 15.
Boler, Claude M., Topeka, Kans. Bracelet strap. 2,180,275; Nov. 14.
Boles, Chalmers B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,160,453; May 30.
Boles, Chalmers B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,181,416; Nov. 28.
Boles, Harry S. (See Kaunitz, C. F., Gunn, and Boles.)
Bolesky, William F., W. Waleke, and J. A. Lutz, Detroit, assignors of fifty-one per cent to said Lutz, twenty-four and one-half per cent to said Bolesky, and twenty-four and one-half per cent to said Waleke. Porous metal article and making same. 2,182,741; Dec. 5.
Boley, Wilbur, Seattle, Wash. Brake testing apparatus. 2,181,544; Nov. 28.
Bolhuis, Frank, Holland, Mich. House model. 2,167,169; July 25.
Bolidens Gruvaktiebolag. (See Ågren, Per H. W., assignor.)
Bolidens Gruvaktiebolag. (See Lindblad, A. R., and Palén, assignors.)
Bolidens, Gruvaktiebolag. (See Lindblad, Axel R., assignor.)
Bolidens Gruvaktiebolag. (See Malmqvist, Johan D., assignor.)
Bolinder's Fabriks Aktiebolag. (See Bilde, Tord E. D., assignor.)
Bolinger, John C., West Hollywood, W. A. Howard, Whittier, and P. Woolley, Huntington Park, Calif., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Protecting condenser tubes and the like from corrosion or salt deposition. 2,162,933; June 20.
Boll, Karl, Berlin, and A. Edelhoff, assignors to Spreng- und Tauchgesellschaft m. b. H., Berlin-Schoneberg, Germany. Hydraulic earth-boring apparatus. 2,169,718; Aug. 15.
Boller, Ernest R., Cleveland Heights, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Wood preservation. 2,149,332; Mar. 7.
Boller, Ernest R., Cleveland Heights, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preserving wood. 2,154,433; Apr. 18.
Boller, Hendrik A. G. (See Arthur, J. L., and Boller.)
Bolling, Robert P., Detroit, Mich. Stove structure. 2,181,362; Nov. 28.
Bollinger, Paul, Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Split throw armature winding. 2,182,654; Dec. 5.
Bolster, John M., assignor to E. Traficante, Minneapolis, Minn. Accordion bellows lock. 2,162,054; June 13.
Bolta Company, The. (See Jackson, Samuel B., assignor.)
Bolté, Brown, Orange, assignor to Scott & Bowne, Bloomfield, N. J. Powder applicator. 2,151,418; Mar. 21.
Bölte, Karl, Karlshorst, Germany, assignor to General Electric Company. Polyphase transformer tap-changing mechanism. 2,157,814; May 9.
Bolte, Theodore H., Kearney, Nebr. Inner-tube tester. 2,151,497; Mar. 21.
Bolton, Archer L., North Andover, assignor to John W. Bolton & Sons, Inc., Lawrence, Mass. Separating member for Jordan engines. 2,156,835; May 2.
Bolton, Archer L., North Andover, assignor to John W. Bolton & Sons, Inc., Lawrence, Mass. Separator of special material for paper stock treating engines. 2,161,848; June 13.
Bolton, Archer L., North Andover, assignor to John W. Bolton & Sons, Inc., Lawrence, Mass. V type bedplate for paper pulp beaters. 2,174,774; Oct. 3.
Bolton, Charles A. (See Boecker, Gustav and J. G.)
Bolton, Charles R., Wavertree, Liverpool, A. Lawrenson, Eccleston, E. S. Hargreaves, Rainhill, and W. J. Clements and W. A. Brown, Eccleston Park, Prescot, assignors to British Insulated Cables Limited, Prescot, Lancashire, England. Wire winding apparatus. 2,174,376; Sept. 26.
Bolton, John F., and A. Birch, Bolton, England. Flexible supporting connection. 2,182,579; Dec. 5.
Bolton, John W., & Sons, Inc. (See Bolton, Archer L., assignor.)
Bolton, John W., & Sons, Inc. (See Stuck, Harold D., assignor.)
Bolton, William R., Chicago, Ill., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole fitting machine. 2,174,563; Oct. 3.
Bolton, William R., Chicago, Ill., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Edge gauge for channeling machines. 2,179,490; Nov. 14.
Boltz, Alfred H., Valrico, Fla. Pitcher's box. 2,156,469; May 2.
Boman, Carl J., Abo, Finland. Nestable chair, armchair, and the like. 2,146,932; Feb. 14.

Bommer, Max. (See Grossmann, P., and Bommer.)
Bonanno, Joseph L., Forest Hills, assignor to The Lionel Corporation, New York, N. Y. Remote control system, method, and apparatus. 2,155,343; Apr. 18.
Bonanno, Joseph L., Forest Hills, assignor to The Lionel Corporation, New York, N. Y. Toy aircraft. 2,159,963; May 30.
Bonapace, Pietro, Piscataway Township, Middlesex County, N. J. Meat chopper. 2,183,114; Dec. 12.
Bonat, Harry, New York, N. Y. Permanent waving pad and making same. 2,150,598; Mar. 14.
Bonath, Klaus. (See Wille, A., Albrecht, and Bonath.)
Bonath, Richard, Bussum, assignor to Werkspoor N. V., Amsterdam, Netherlands. Apparatus for continuously crystallizing solutions by evaporation or cooling. 2,160,533; May 30.
Bond, Alexander R., Plainfield, N. J., assignor to Keystone Controls, Inc., New York, N. Y. Liquid dispensing apparatus. 2,163,772; June 27.
Bond, Austin, New York, N. Y. Machine for reconditioning bale bands, box strappings, and the like. 2,168,435; Aug. 8.
Bond, Charles L., Los Angeles, Calif. Folding trailer. 2,155,582; Apr. 25.
Bond, Edgar R., and C. A. Hobbs, assignors to Textile Specialty Company, Greensboro, N. C. Encasing the ribs of loom reeds and the like. 2,149,204; Feb. 28.
Bond Foundry & Machine Company. (See Noros, G. C., and Kulp, assignors.)
Bond, George R., Jr., Paulsboro, N. J., assignor to Houdry Process Corporation, Dover, Del. Preparation of contact masses from gels and the like. 2,146,718; Feb. 14.
Bond, George R., Jr., Paulsboro, N. J., assignor to Houdry Process Corporation, Dover, Del. Method and apparatus for the refining of viscous hydrocarbon oil. 2,154,434; Apr. 18.
Bond, Joseph E., Middletown, Ohio. Paper pulp refining apparatus. 2,150,357; Mar. 14.
Bond Manufacturing Corporation. (See Edmonds, George P., assignor.)
Bond Manufacturing Corporation. (See Thomas, Edwin H., assignor.)
Bond, Merle W. (See Cousins, M. V., Bond, Kirkpatrick, Nowlin, and King.)
Bond, Sherman G., Wichita, Kans. Tire pressure signal. 2,183,089; Dec. 12.
Bond, William C., Washington, D. C. Library bookstack. 2,182,422; Dec. 5.
Bondurant, Carlton W., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Thermostatic electric switch device. 2,150,203; Mar. 14.
Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway bootleg. 2,146,462; Feb. 7.
Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Drive mechanism for speed responsive devices for railway trains. 2,146,463; Feb. 7.
Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,168,790; Aug. 8.
Bone, John R. (See Cobbley, C. J., and Bone.)
Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,175,593; Oct. 10.
Bone, Herbert L., Forest Hills, and K. J. J. McGowan, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating mechanism. 2,184,870; Dec. 26.
Bone, Herbert L., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway braking apparatus. 2,184,871; Dec. 26.
Bonen, Thomas L., assignor of one-third to D. C. Strauss, and one-third to C. W. Huck, Chicago, Ill. Liquid delivery pump. 2,174,564; Oct. 3.
Bones, Walter, Minneapolis, Minn., assignor to The Maytag Company, Newton, Iowa. Power unit and base frame for washing machines. 2,179,876; Nov. 14.
Bonetti, Dante, Highwood, Ill. Portable music stand. 2,156,489; May 2.
Bonetti, Domenic, Portland, Maine. Decoy device. 2,185,013; Dec. 26.
Bonfield, Emmons W., assignor to American Box Board Company, Grand Rapids, Mich. Container. 2,151,733; Mar. 28.
Bonge, George A., Hearne, Tex. Pipe cleaner. 2,169,940; Aug. 15.
Bonham, Stephen Z., Kingston, Pa. Combined chuck and reamer. 2,154,569; Apr. 18.
Bonhôte, Gerald. (See Pool, E., Bonhôte, and Apotheker.)
Bonhôte, Gérald, and H. Johner, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs. 2,171,824; Sept. 5.
Bonhôte, Gérald, Basel, and C. Apotheker, Riehen, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs. 2,176,521; Oct. 17.
Bonilla, Charles F., assignor to Bates Laboratories, Inc., New York, N. Y. Rechargeable dry cell battery. 2,157,111; May 9.
Bonis, Caesar, Brooklyn, N. Y. Lubricating system for fur sewing machines. 2,150,619; Mar. 14.
Bonis, Caesar, Brooklyn, N. Y. Fur sewing machine. 2,151,345; Mar. 21.
Bonjokian, Joseph, Watertown, Mass. Hat blocking machine. 2,142,554; Jan. 3.
Bonn, Carl R. H., Glasgow, Scotland. Control device for valves and other apparatus. 2,148,897; Feb. 28.
Bonn, Carl R. H., Glasgow, Scotland. Control device for variable speed gearing. 2,161,008; June 6.
Bonnaire, Claud, London, England. Folded sheet for maps, timetables, and the like. 2,179,172; Nov. 7.
Bonnar, Alys E., executrix. (See Bonnar, Benjamin H., assignor.)
Bonnar, Benjamin H., deceased; A. E. Bonnar, executrix, assignor to A. E. Bonnar, Toledo, Ohio. Merchandise display apparatus. 2,155,583; Apr. 25.
Bonnar-Vawter Fanform Company. (See Doty, R. B., and Ross, assignors.)
Bonnell, Ellis, Chicago, Ill. Toy airplane construction. 2,154,487; Apr. 18.
Bonner, Douglas E., New York, N. Y. Machine for cleansing and treating. 2,157,112; May 9.
Bonnett, John, Girard, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Toy elevated or trestle railroad. 2,161,276; June 6.
Bonnett, John, and A. Schillace, Girard, Pa., assignors to Louis Marx & Company, Inc., New York, N. Y. Target toy. 2,170,850; Aug. 29.
Bonotto, Michele, Evansville, Ind., assignor to Extractol Process, Ltd., Wilmington, Del. Process and apparatus for extraction of oils, fats, and other soluble constituents from materials containing the same. 2,156,236; Apr. 25.
Bonotto, Michele, Evansville, Ind., assignor to Extractol Process, Ltd., Wilmington, Del. Apparatus for feeding countercurrent extraction units. 2,158,782; May 16.
Bonotto, Michele, Evansville, Ind., assignor to Extractol Process, Ltd., Wilmington, Del. Separating solvent from oil in miscella and like mixtures. 2,163,303; June 20.
Bonotto, Michele, Evansville, Ind., assignor to Extractol Process, Ltd., Wilmington, Del. Method and mechanism for continuously forming liquid-impervious plugs in extraction units. 2,184,248; Dec. 19.
Bonsall, Charles D., Pittsburgh, Pa., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Floor rack for refrigerator cars. 2,150,413; Mar. 14.
Bonsall, Charles D., Pittsburgh, Pa., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Refrigerator car. 2,168,556; Aug. 8.
Bonsall, Charles D., Pittsburgh, Pa., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Top bunker refrigerator car. 2,168,557; Aug. 8.
Bonsall, Charles D., Pittsburgh, Pa., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Refrigerator car. 2,179,681; Nov. 14.
Bonsall, Charles D., Pittsburgh, Pa., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Refrigerator car floor rack. 2,180,502; Nov. 21.
Bonsall, Charles D., Pittsburgh, Pa., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Hatch construction. 2,181,115; Nov. 28.
Bonser, Frank. (See Reynolds, W., and Bonser.)
Bonville, Thomas, Portland, Maine. Extension ladder construction. 2,153,362; Apr. 4.
Bonzack, Stanley, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,181,008; Nov. 21.
Booe, James M., Indianapolis, and C. M. Blackburn, Morgantown, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Dry electrolytic condenser. 2,177,819; Oct. 31.
Booge, James E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing sulphide pigments. 2,173,895; Sept. 26.
Booge, James E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Water dispersing zinc sulphide pigment. 2,178,334; Oct. 31.
Booge, James E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of titanium concentrates. 2,183,365; Dec. 12.
Booge, James E., and A. B. Laftman, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Tinted pigments and producing the same. 2,166,230; July 18.
Booharin, Leo Y., San Francisco, Calif., assignor of one-fourth to J. Pack, one-fourth to L. Scherbakoff, and one-fourth to G. D. Collins, Jr. Airplane wheel and tire construction. 2,143,471; Jan. 10.
Booharin, Leo Y., San Francisco, Calif., assignor of one-fourth to L. Scherbakoff, one-fourth to D. Leskovsky, and one-fourth to G. D. Collins. Vehicle bumper. 2,144,357; Jan. 17.
Booher, Lela E., and L. T. Work, New York, N. Y. Vitamin concentration. 2,175,014; Oct. 3.
Book Machine Company, The. (See Painter, Harry K., assignor.)
Book, Raymond H., Rock Falls, Ill., assignor to International Harvester Company. Harrow construction. 2,144,960; Jan. 24.
Book, Raymond H., Rock Falls, Ill., assignor to International Harvester Company. Harrow construction. 2,144,961; Jan. 24.

Book, Raymond H., and U. G. Currier, Rock Falls, Ill., assignors to International Harvester Company. Harrow construction. 2,175,243; Oct. 10.
Booker, Clyde A., Lexington, and A. E. Hill, Fitchburg, Mass. Double cross-arm brace. 2,156,447; May 2.
Booker, Clyde A., Lexington, and A. E. Hill, Fitchburg, Mass. Cross-arm brace. 2,156,448; May 2.
Booker, James F., Nutley, and R. L. Annis, assignors to Intermetal Corporation, Newark, N. J. Smoke screen material and making. 2,175,790; Oct. 10.
Bookout, Archie C., and F. B. Pitts, Oklahoma City, Okla., assignors to American Telephone and Telegraph Company. Suspending aerial cables. 2,153,072; Apr. 4.
Bookwalter, Frank L., Versailles, Ohio. Rotary seed cleaner. 2,183,511; Dec. 12.
Bookwalter, R. R., et al. (See Perry, John R., assignor.)
Boom, William B., Lakewood, Ohio. Base for machine tools and the like. 2,159,247; May 23.
Boomer, Max. (See Felix, F., Grossmann, and Bommer.)
Boomgarden, Frederick, German Valley, Ill. Scaffold hanger. 2,155,888; Apr. 25.
Boomgarden, Frederick, German Valley, Ill. Scaffold hanger. 2,179,173; Nov. 7.
Boone, Charles G., Tulsa, Okla., assignor to Gustin-Bacon Manufacturing Co., Kansas City, Mo. Oil well pumping transmission. 2,171,287; Aug. 29.
Boone, James, Clinton, N. J. Rain detecting means. 2,171,329; Aug. 29.
Boone, Marvin C., Jackson, Miss. Milk crate. 2,183,090; Dec. 12.
Boone, William B., Florence, S. C. Car replacer. 2,183,181; Dec. 12.
Boor, Laurence M., Tadworth, assignor to Gravity Ladders Limited, London, England. Collapsible ladder. 2,182,277; Dec. 5.
Boordsen, John M., New London, Conn. Soil opener for planting bulbs and the like. 2,149,880; Mar. 7.
Boorharin, Leo Y., San Francisco, Calif., assignor of one-sixth to B. S. Herman, one-sixth to C. M. Bandtell, one-sixth to D. Leskovsky, one-sixth to B. E. Van Alstyne, and one-sixth to L. Herman. Massaging and cleansing device. 2,154,831; Apr. 18.
Boose, Harry B., Pittsburgh, Pa. Selective remote control system. 2,177,609; Oct. 24.
Boosey, Edward W. N., Detroit, Mich. Roof drain. 2,142,343; Jan. 3.
Boosey, Edward W. N., Detroit, Mich. Drainage system for separating oil from waste water. 2,153,411; Apr. 4.
Boot, Albert, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of soles for shoes. 2,144,284; Jan. 17.
Booth, Adelaide B., et al. (See Wilson, Elihu C., assignor.)
Booth, Carleton O., Albuquerque, N. Mex. Gas shipping tank. 2,179,682; Nov. 14.
Booth, Charles F., and H. J. Krase, Anniston, Ala., assignors, by mesne assignments, to Monsanto Chemical Company. Making copper phosphate. 2,169,576; Aug. 15.
Booth, Clement, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Form grinding machine. 2,178,848; Nov. 7.
Booth, Earl C. (See Dudlow, E., and Booth.)
Booth, Earl C., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind. Defroster. 2,155,355; Apr. 18.
Booth, Earl C., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind. Radiator core construction. 2,164,005; June 27.
Booth, Earl C., assignor to Noblitt-Sparks Industries, Inc., Columbus, Ind. Radiator. 2,169,993; Aug. 22.
Booth, Earl C., and E. Ludlow, Columbus, and R. C. Root, Indianapolis, assignors to Noblitt-Sparks Industries, Inc., Columbus, Ind. Heater. 2,164,854; July 4.
Booth, Ernest, assignor to The Keelavite Company Limited, Allesley, Coventry, England. Rotary fluid pressure engine and the like. 2,182,719; Dec. 5.
Booth, George D., Marshfield, Wis. Hay carrier. 2,168,393; Aug. 8.
Booth, George M., Westfield, assignor to Wallace & Tiernan Company, Inc., Belleville, N. J. Gas supply apparatus. 2,158,976; May 16.
Booth, George W., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Apparatus for printing, punching, and applying closure blanks. 2,175,338; Oct. 10.
Booth, James H., Flint, assignor to General Motors Corporation, Detroit, Mich. Trailer towing spring suspension. 2,165,608; July 11.
Booth, Lionel E., Salt Lake City, Utah. Aerating machine. 2,182,442; Dec. 5.
Booth, Melville B., assignor to The Keelavite Company Limited, Allesley, Coventry, England. Rotary engine. 2,181,962; Dec. 5.
Booth, Olin R., Cainsville, Mo. Mouse and rat trap. 2,160,717; May 30.
Booth, Paul, Indianapolis, Ind. Punch and retainer assembly. 2,172,272; Sept. 5.
Booth, Robert B., Springdale, Conn., assignor to American Cyanamid Company, New York, N. Y. Depression of carbonaceous material in flotation. 2,145,206; Jan. 24.
Booth, Robert B., Westfield, N. J., assignor to Manville Jenckes Corporation, Manville, R. I. Clarification of rayon spin baths. 2,153,449; Apr. 4.
Booth, William K., doing business as Equipment Engineering Company. (See Glaze, Herbert L., assignor.)
Booth, William N., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel cover. 2,159,881; May 23.
Booth, William N., Detroit, Mich. Supplemental protective closure. 2,170,110; Aug. 22.
Boothby, Albion M., Newton, and M. E. Gazette, Boston, Mass., assignors, by mesne assignments, to President and Directors of The Manhattan Company, New York, N. Y., as trustees for Gibson Patent Containers, Ltd. Container and closure therefor. 2,181,545; Nov. 28.
Boothe, Eugene F., assignor to James R. Kearney Corporation, St. Louis, Mo. Surge link. 2,152,864; Apr. 4.
Boothroyd, Hubert. (See Ricks, F., Boothroyd, and James.)
Boots, Edmund R. (See John, R., and Boots.)
Boots, William C., Attleboro, Mass., assignor to Guyot Brothers, Inc. Ornament construction. 2,165,216; July 11.
Booty, Philip C. P. and R. G., Chicago, Ill. Applying and hardening coatings on articles. 2,143,618; Jan. 10.
Booty, Philip C. P. and R. G., assignors, by mesne assignments, to Reichel & Drews, Inc., Chicago, Ill. Filming machine. 2,167,430; July 25.
Booty, Raymond G. (See Booty, Philip C. P. and R. G.)
Borch, Niels S., Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y. Roasting materials rich in sulphur. 2,157,254; May 9.
Borch, Niels S., Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Rotary kiln. 2,169,512; Aug. 15.
Borch, Niels S., Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y. Method and apparatus for handling powdered material. 2,170,258; Aug. 22.
Borchardt, Walter M., Detroit, Mich. Oil seal. 2,174,075; Sept. 26.
Borchers, Alwin C., assignor to The General Industries Company, Elyria, Ohio. Vibration retarding means for electrically actuated apparatus. 2,180,859; Nov. 21.
Borchers, Fred. (See Watts, J. M., Freesh, and Borchers.)
Borchers, William G., assignor to Autographic Register Co., Hoboken, N. J. Manifolding device. 2,149,006; Feb. 28.
Borchers, William G., assignor to Autographic Register Company, Hoboken, N. J. Manifolding register. 2,162,193; June 13.
Borchers, William G., and N. Cirillo, assignors to Autographic Register Co., Hoboken, N. J. Manifolding. 2,150,538; Mar. 14.
Borck, John A., Nutley, assignor to Eastwood-Nealley Corporation, Belleville, N. J. Wire spooling machine. 2,149,238; Feb. 28.
Borde, Raoul, Paris, France, assignor, by mesne assignments, to Westinghouse Air Brake Company, Pittsburgh, Pa. Speed controlled brake. 2,148,725; Feb. 28.
Borde, Raoul, assignor to Compagnie des Freins Westinghouse, Paris, France. Fluid pressure brake system. 2,152,949; Apr. 4.
Borde, Raoul, Paris, and A. Neveu, Livry-Gargan, France, assignors, by mesne assignments, to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,173,928; Sept. 26.
Borden, Albert. (See Bensel, Duryea, assignor.)
Borden Company, The. (See Barnes, John S., assignor.)
Borden Company, The, et al. (See Dorcas, M. J., Supplee, and Remesch, assignors.)
Borden Company, The. (See Fleming, R. S., Parker, and Hawley, assignors.)
Borden Company, The. (See Lockwood, Edwin J., assignor.)
Borden Company, The. (See Salzberg, Harold K., assignor.)
Borden Company, The. (See Supplee, George C., assignor.)
Borden Company, The. (See Taylor, B. E., and McClatchie, assignors.)
Borden Company, The. (See Watson, John F., assignor.)
Borden, Edmund G., Little Neck, N. Y., assignor to Power Patents Company, Hillside, N. J. Cracking hydrocarbons. 2,147,399; Feb. 14.
Borden, Edmund G., Little Neck, N. Y., assignor to Power Patents Company, Hillside, N. J. Conversion of Hydrocarbons. 2,163,867; June 27.
Borden, Forrest V., San Luis Obispo, Calif. Clutch or brake band. 2,167,935; Aug. 1.
Borden, Joseph H., assignor to Atlantic Elevator Company, Inc., Philadelphia, Pa. Elevator leveling system. 2,157,396; May 9.
Borden, Max, et al. (See Brown, Roy M., assignor.)
Borden, Moro M., assignor to Simplex Valve and Meter Company, Philadelphia, Pa. Single head meter. 2,153,450; Apr. 4.
Borden, Moro M., assignor to Simplex Valve and Meter Company, Philadelphia, Pa. Integrator. 2,159,882; May 23.
Borden, Stephen W., Summit, N. J. Ground fitting. 2,156,965; May 2.
Borden, Stephen W., Summit, N. J. Swing current equipment. 2,176,755; Oct. 17.
Borden, Stephen W., Summit, N. J. Conductor exploring coil. 2,176,756; Oct. 17.

Borden, Stephen W., Summit, N. J. Sheath current meter. 2,176,757; Oct. 17.
Borden, Stephen W., Summit, N. J. Earth resistance meter. 2,176,758; Oct. 17.
Borden, Stephen W., Summit, N. J. Fault finding bridge. 2,176,759; Oct. 17.
Borden, Stephen W., Summit, N. J. Electrode bridge. 2,176,760; Oct. 17.
Border, Lawson E. (See von Fuchs, G. H., and Border.)
Borders, M. W., Jr. (See Carswell, F. L., and Sanches, assignors.)
Borders, M. W., Jr. (See Schmidt, Otto W., assignor.)
Bordner, Norman J., Odessa, Tex. Air conditioning unit. 2,173,645; Sept. 19.
Bordo, Lambert J., Willow Grove, Pa. Water level sight gauge for boilers. 2,161,849; June 13.
Borel, Onésime. (See Dietrich, T., and Borel.)
Borg, George W., Corporation, The. (See Hobbs, John W., assignor.)
Borges, John A., Newman, Calif. Tray unit for beauty parlor chairs. 2,183,536; Dec. 19.
Borg-Warner Corporation. (See Ahrbrecker, H. L., and Battles, assignors.)
Borg-Warner Corporation. (See Anderson, Edmund B., assignor.)
Borg-Warner Corporation. (See Berg, Louis B., assignor.)
Borg-Warner Corporation. (See Blood, H. E., and Potter, assignors.)
Borg-Warner Corporation. (See Body, W. K., and Bickle, assignors.)
Borg-Warner Corporation. (See Bush, Theodore R., assignor.)
Borg-Warner Corporation. (See Caldwell, Stuart H., assignor.)
Borg-Warner Corporation. (See Carnagua, Harold E., assignor.)
Borg-Warner Corporation. (See Chandler, Milford G., assignor.)
Borg-Warner Corporation. (See Early, Joseph W., assignor.)
Borg-Warner Corporation. (See Firth, David, assignor.)
Borg-Warner Corporation. (See Greif, Edward J., assignor.)
Borg-Warner Corporation. (See Haigh, Vaughn, assignor.)
Borg-Warner Corporation. (See Hubacker, Earl F., assignor.)
Borg-Warner Corporation. (See Hughes, Edward, assignor.)
Borg-Warner Corporation. (See Ingersoll, Roy C., assignor.)
Borg-Warner Corporation. (See Mills, Herbert E., assignor.)
Borg-Warner Corporation. (See Mistretta, A., Blomberg, and Willene, assignors.)
Borg-Warner Corporation. (See Mueller, Moritz L., assignor.)
Borg-Warner Corporation. (See Nutt, Harold, assignor.)
Borg-Warner Corporation. (See Nutt, H., and Reed, assignors.)
Borg-Warner Corporation. (See Reed, Harold V., assignor.)
Borg-Warner Corporation. (See Rehnberg, Axel F., assignor.)
Borg-Warner Corporation. (See Sherman, Alvin G., assignor.)
Borg-Warner Corporation. (See Simpson, John M., assignor.)
Borg-Warner Corporation. (See Simpson, J. M., and White, assignors.)
Borg-Warner Corporation. (See Stephenson, Robert L., assignor.)
Borg-Warner Corporation. (See Sullivan, Ray H., assignor.)
Borg-Warner Corporation. (See Swennes, Benjamin A., assignor.)
Borg-Warner Corporation. (See Terrell, Ralph A., assignor.)
Borg-Warner Corporation. (See Westberg, Harry, assignor.)
Borg-Warner Corporation. (See White, Samuel O., assignor.)
Borg-Warner Corporation. (See Zeidler, Reinhold C., assignor.)
Borger, Carl J., Norwood, Ohio, assignor, by mesne assignments, to Interchemical Corporation, New York, N. Y. Coating composition. 2,147,083; Feb. 14.
Borgkvist, Elmer, Arlington, N. J. Relay. 2,170,961; Aug. 29.
Borglin, Joseph N., assignor to Hercules Powder Company, Wilmington, Del. Refining rosin. 2,145,335; Jan. 31.
Borhek, Russell J., Washington, D. C. Stream bed protection means. 2,162,499; June 13.
Borho, Ernest R., North Bergen, N. J. Producing fabric and the fabric. 2,145,858; Feb. 7.
Borinquen Associates, Inc. (See Arroyo, Rafael, assignor.)
Borio, Jerome, Sawyerville, Ill. Table utility arrangement. 2,167,742; Aug. 1.
Borland, Deloss, Hot Springs, Ark. Door bell and alarm. 2,164,029; June 27.
Borland, John, assignor to The Timken Roller Bearing Company, Canton, Ohio. Shaft bearing locking means. 2,166,391; July 18.
Born, Ferdinand H., Elgin, Ill. Clasp for golf bags. 2,143,644; Jan. 10.
Born, Ferdinand H., Elgin, Ill. Air hammer and the like. 2,147,685; Feb. 21.
Born, Ferdinand H., Elgin, Ill. Pneumatic hammer. 2,158,567; May 16.
Born, Ferdinand H., Elgin, Ill. Pneumatic hammer. 2,158,568; May 16.
Born, Ernest R., Hensel, N. Dak. Sound post. 2,154,025; Apr. 11.
Born, Julius M., assignor to Vulcan Manufacturing Co., Inc., St. Paul, Minn. Service unit for air cleaners and process of use therefor. 2,174,311; Sept. 26.
Bornemann, Ferdinand, Wiesbaden-Biebrich, and H. Huber, Wiesbaden, Germany. Producing polyphosphates and polyphosphate mixtures. 2,174,614; Oct. 3.
Bornemann, Otto, Berlin-Schoneberg, Germany. Windscreen attachment. 2,173,196; Sept. 19.
Bornman, Graham W., Clarksdale, Miss. Cotton picker. 2,155,296; Apr. 18.
Bornmann, Carl, assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Adjustable tripod top. 2,161,909; June 13.
Bornstein, Ira I., Kansas City, Mo. Device for measuring beer in a barrel. 2,182,195; Dec. 5.
Borofski, Heinrich, Frankfort-on-the-Main, assignor of one-half to the firm Mettmanner Britannia-Warenfabrik W. Seibel, Mettmann, Rhineland, Germany. Introduction of graphitic carbon into light metals or light metal alloys. 2,170,259; Aug. 22.
Borresen, Nico, assignor to Nicostat Products Co., Buffalo, N. Y. Valve. 2,154,228; Apr. 11.
Borresen, Nico, assignor to Nicostat Products Inc., Buffalo, N. Y. Fluid control valve. 2,160,117; May 30.
Borrmann, Waldemar, and A. Keune, Badersleben, Germany. Piston for internal combustion engines. 2,145,845; Feb. 7.
Borsetti, Ermanno, deceased, Genova-Sampierdarena; E. Borsetti, sole heires and administratrix, Ferrara, assignor to Soc. An. Rolla Traverso & Storace, Genova-Sampierdarena, Italy. Multiple clamp. 2,171,076; Aug. 29.
Borsetti, Ermanno, deceased, Genova-Sampierdarena; E. Borsetti, sole heiress and administratrix, Ferrara, assignor to Soc. An. Rolla, Traverso & Storace, Genova-Sampierdarena, Italy. Multiple clamp. 2,174,459; Sept. 26.
Borsetti, Ernegia, sole heiress and administratrix. (See Borsetti, Ermanno.)
Borton, Alwyn E., South Orange, assignor to Associated Patentees, Inc., Ampere, N. J. Split cam. 2,161,243; June 6.
Boruff, Clair S. (See Willkie, H. F., and Boruff.)
Borzer, Henri E. A. (See de Vriendt, C., and Borzer.)
Borzym, Alexander, Detroit, Mich., assignor to The Yoder Company, Cleveland, Ohio. Flying shear. 2,155,396; Apr. 25.
Bosch, Henry, Jr., San Francisco, Calif. Retrieving mechanism. 2,159,004; May 23.
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Baumgratz, Ernst, assignor.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Callsen, Albert, assignor.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Callsen, A., and Weiss, assignors.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Dorn, Walter, assignor.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Grözinger, Albert, assignor.)
Bosch, Robert, Gesellschaft, mit beschränkter Haftung. (See Heinrich, H., Janssen, and Fiedler, assignors.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Janssen, Johann F., assignor.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Klein, Hermann, assignor.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Lieb, G., and Rogowski, assignors.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Manz, F., and Rosenfelder, assignors.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Schlenker, Kurt, assignor.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Schweizer, Alfred, assignor.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Stribeck, Richard, assignor.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Voit, Willy, assignor.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Voit, W., and Janssen, assignors.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Walther, W., and Hirsch, assignors.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Weber, J., and Heinrich, assignors.)
Bosch, Robert, Gesellschaft mit beschränkter Haftung. (See Weiss, Adolf, assignor.)
Bosché, André, Paris, France. Remotely controlled luminous exhibitor. 2,163,188; June 20.
Bosco, George B., Chicago, Ill. Screed chair. 2,165,333; July 11.
Bösing, Ernst A., Berlin, Germany, assignor to Edeleanu Gesellschaft m. b. H. Solvent refining of oils. 2,154,372; Apr. 11.

Bosket, Shelby D., assignor to M. E. Gottlieb, Cleveland, Ohio. Bumper attachment. Re. 21,056; Apr. 25.
Bossard, Gisbert L., Dayton, Ohio. Chime. 2,152,300; Mar. 28.
Bossard, Gisbert L., Dayton, Ohio, assignor to M. Agnew, Hopkinsville, Ky. Chime. 2,177,515; Oct. 24.
Bossart, Paul N., Cheswick, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,160,640; May 30.
Bossi, Romeo A., Newton Center, Mass. Drill position indicator. 2,165,334; July 11.
Bössner, Franz, and C. Marischka, Vienna, Austria. Converting gases containing carbon monoxide. 2,183,301; Dec. 12.
Bostelmann, William E., Elmwood Park, Ill. Combination carbonating and bottle filling machine. 2,163,267; June 20.
Bostic, Ralph R., Los Angeles, Calif. Headlight. 2,174,775; Oct. 3.
Bostock, Raymond N., Montclair, N. J. Filter. 2,145,683; Jan. 31.
Boston, Charles W., Kenmore, N. Y. Display device. 2,154,658; Apr. 18.
Boston, Paul F., assignor of one-half to J. B. Boyd, Greencastle, Ind. Visual educational device. 2,142,171; Jan. 3.
Boston Stove Foundry Company. (See Field, B., and Walsh, assignors.)
Boston Wire Stitcher Company. (See Blumenbaum, Louis G., assignor.)
Boston Wire Stitcher Company. (See Cavanagh, John F., assignor.)
Boston Wire Stitcher Company. (See Maynard, Arthur H., assignor.)
Boston Wire Stitcher Company. (See Maynard, A. H., and Gambao, assignors.)
Boston Woven Hose & Rubber Company. (See Baker, Walter J., assignor.)
Boston Woven Hose & Rubber Company. (See Baker, W. J., and Perry, assignors.)
Boston Woven Hose & Rubber Company. (See Bierer, John M., assignor.)
Boston Woven Hose & Rubber Company. (See Knowland, Thomas M., assignor.)
Boston Woven Hose & Rubber Company. (See Scott, Ephriam J., assignor.)
Boston Woven Hose & Rubber Company. (See Smith, Joseph N., assignor.)
Bostrom, Axel, et al., executors and administrators. (See Rahmberg, Sven.)
Bostwick-Goodell Co., The. (See Goodell, I. Welton, assignor.)
Bostwick, Henry C., Coventry Township, Summit County, assignor to The Akron Standard Mold Company, Akron, Ohio. Tire building drum. 2,168,897; Aug. 8.
Bostwick, Henry C., assignor to Akron Standard Mold Company, Akron, Ohio. Press. 2,183,983; Dec. 19.
Bostwick, Myron A., Budd Lake, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Pilot wire relaying. 2,183,537; Dec. 19.
Bostwick, William E., Philadelphia, Pa. Alternating current motor. 2,151,460; Mar. 21.
Boswau, Hans P., Galion, Ohio. Signaling systems and glow lamps therefor. 2,142,106; Jan. 3.
Boswau, Hans P., Galion, Ohio. Supervisory control system. 2,164,379; July 4.
Boswau, Hans P., assignor to The North Electric Mfg. Company, Galion, Ohio. Supervisory control system. 2,148,044; Feb. 21.
Boswau, Hans P., Lorain, Ohio, assignor to The North Electric Mfg. Company. Supervisory control system. Re. 21,284; Dec. 5.
Boswau, Hans P., assignor to The Lorain Telephone Company, Lorain, Ohio. Radio communication system. 2,176,868; Oct. 24.
Boswin, George A., Chicago, Ill., assignor, by mesne assignments, to Western Electric Company, Incorporated, New York, N. Y. Reel. 2,159,469; May 23.
Bosworth, James H., Sandpoint, Idaho, and O. G. Conrad, Missoula, Mont., dedicated to the free use of the People in the territory of the United States. Trenching machine. 2,169,079; Aug. 8.
Botany Worsted Mills. (See Bellone, Achilles L., assignor.)
Botcherby, Paul B. (See Renshaw, A. P. B., and Botcherby.)
Botham, Arthur R., New York, N. Y., assignor to Coty, Inc., Wilmington, Del. Display device. 2,146,702; Feb. 7.
Botham, Arthur R., New York, N. Y., assignor to Coty, Inc., Wilmington, Del. Cosmetic container. 2,184,730; Dec. 26.
Bothe, Otto, Dusseldorf, Germany. Valve for tires and the like. 2,162,603; June 13.
Bothum, Jack E., Laramie, Wyo. Combined brush and scraper. 2,167,196; July 25.
Botnen, Lewis K., Marshalltown, Iowa. Corn planter. 2,178,716; Nov. 7.
Botsford, John W., Los Angeles, Calif. Connecting rod. 2,160,012; May 30.
Bott, George R., deceased, by The Stamford Trust Company, executor, assignor to Norma-Hoffman Bearings Corporation, Stamford, Conn. Seal for ball bearings. 2,173,247; Sept. 19.
Botti, Michael, Brooklyn, N. Y. Roast rack. 2,152,023; Mar. 28.
Bottker, Viggo, Seattle, Wash. Shrimp-shelling machine. 2,147,633; Feb. 21.
Bottle, Edward K., Elmira, N. Y., assignor, by mesne assignments, to American Sales Book Company, Inc. Record receiving device. 2,149,499; Mar. 7.
Bottle, Edward K., Elmira, N. Y., assignor, by mesne assignments, to American Sales Book Company, Inc. Manifolding record assembly. 2,149,500; Mar. 7.
Bottle, Edward K., deceased; by S. J. Bottle, administratrix, Elmira, N. Y., assignor, by mesne assignments, to American Sales Book Company, Inc. Record. 2,149,501; Mar. 7.
Bottle, Edward K., deceased; by S. J. Bottle, administratrix, Elmira, N. Y., assignor, by mesne assignments, to American Sales Book Company, Inc. Continuous interleaved record supplies. 2,149,502; Mar. 7.
Bottle, Edward K., Elmira, N. Y., assignor, by mesne assignments, to American Sales Book Company, Inc. Manifolding record assembly. 2,156,143; Apr. 25.
Bottle, Sara J., administratrix. (See Bottle, Edward K.)
Bottoms, Robert R., assignor to The Girdler Corporation, Louisville, Ky. Air conditioning method. 2,183,132; Dec. 12.
Bottorf, William H., Munhall, Pa. Hair drying and waving apparatus. 2,145,539; Jan. 31.
Botts, Alexander, New York, N. Y. Fountain stencil brush. 2,164,895; July 4.
Botts, John M., Jenkintown, Pa. Full fashioned hosiery. 2,174,817; Oct. 3.
Bouchard, Frank M., St. Elmo, Ala. Tooth brush guard. 2,154,435; Apr. 18.
Bouchard, Pierre A., Miami, Fla. Valve. 2,147,084; Feb. 14.
Bouchard, Samuel E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Protective goggles. 2,175,104; Oct. 3.
Bouchard, Samuel E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Eyeglass case. 2,184,408; Dec. 26.
Bouchard, Samuel E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Goggle. 2,184,409; Dec. 26.
Boucher, Frank G., Houston, Tex., assignor to Standard Oil Development Company. Multiple gravity meter. 2,183,115; Dec. 12.
Boucher, Harry, Shawnee, assignor of one-half to J. H. Hudson, Ardmore, Okla. Recovering and separating apparatus. 2,154,805; Apr. 18.
Boucher, Marcel, New York, N. Y. Brooch assemblage. 2,143,538; Jan. 10.
Boucke, Heinz, Berlin-Charlottenburg, Germany, assignor to Ferrocart Corporation of America, New York, N. Y. Inductance coil. 2,143,298; Jan. 10.
Boudin, Louis, Saint-Gobain, assignor to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Apparatus for the manufacture of glassware. 2,167,290; July 25.
Boudios, Edmond, Paris, assignor to Etablissements Boudios, Romilly-Sur-Seine, Aube, France. Knitted sheath or corset and the manufacture of the same. 2,173,775; Sept. 19.
Boudrant, Robert J. C., assignor to Société d'Electricite de Paris, Paris, France. Rotary mixing apparatus. 2,146,618; Feb. 7.
Boudrant, Robert J. C., assignor to Société d'Electricité de Paris, Paris, France. Pulverized-fuel burner. 2,154,320; Apr. 11.
Boudreaux, Abel J., assignor of one-half to J. C. Barth, and one-half to W. Gilson, Los Angeles, Calif. Swimming belt. 2,145,289; Jan. 31.
Boudreau, Joseph A. (See Taylor, W. J., Boudreau, and Cote.)
Boudreau, Willis J., assignor of one-third to H. C. Whitmore and one-third to Robert G. Peterson, Minneapolis, Minn. Line tightener. 2,170,292; Aug. 22.
Bouget, Yves A., West Orange, and J. N. Selvig, Westfield, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Control mechanism for material mixing apparatus. 2,180,393; Nov. 21.
Boughton, Roger C., San Francisco, Calif. Pipe joint. 2,170,004; Aug. 22.
Bouldin, Belle, et al. (See Atkins, Lawrence R.)
Boultbee, Arthur H., Martinez, assignor to Shell Development Company, San Francisco, Calif. Treating hydrocarbons. 2,143,472; Jan. 10.
Boultbee, Arthur H., Martinez, assignor to Shell Development Company, San Francisco, Calif. Polymerization of olefins. 2,171,207; Aug. 29.
Boulter, George M., Bakersfield, assignor to J. A. Kammerdiner, Los Angeles, Calif. Rotary jar. 2,144,869; Jan. 24.
Boulter, George M., Bakersfield, Calif. Underreamer. 2,180,452; Nov. 21.
Boulton, George, deceased, by J. B. Boulton, executrix, Rochester, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating apparatus. 2,160,826; June 6.
Boulton, Jeannette B., executrix. (See Boulton, George.)
Bounds, Orville T., Centralia, Ill. Fingerprinting device. 2,149,573; Mar. 7.
Bourdon, Pierre M., Paris, assignor to Michelin et Cie, Clermont-Ferraud, France. Cable. 2,181,475; Nov. 28.

Bourg, Hamilton, Sr., Matthews, La. Sugarcane harvester. 2,179,584; Nov. 14.
Bourke, Russell L., Petaluma, Calif. Crank case ventilating means. 2,172,670; Sept. 12.
Bourland, Langford T., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. External contact to copper-oxide rectifiers. 2,165,029; July 4.
Bourn, Robert T., Templeton, Mass. Convertible desk. 2,172,605; Sept. 12.
Bourne, Cedric A., Stafford, assignor to The English Electric Company, Limited, London, England. Electrode holder. 2,175,871; Oct. 10.
Bourne, Roland B., West Hartford, assignor to The Maxim Silencer Company, Hartford, Conn. Spark arrester. 2,170,704; Aug. 22.
Bourne, Roland B., West Hartford, assignor to The Maxim Silencer Company, Hartford, Conn. Silencer. 2,184,891; Dec. 26.
Bournisien, Jacques, Asnieres, France. Apparatus for establishing communications by means of light. 2,153,709; Apr. 11.
Bourque, Philip, Detroit, Mich. Electrode holder. 2,143,619; Jan. 10.
Bousquet, Euclid W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkylated resorcinol. 2,146,007; Feb. 7.
Bousquet, Euclid W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Pest control composition. 2,165,030; July 4.
Bousquet, Euclid W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Insecticide. 2,166,119; July 18.
Bousquet, Euclid W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Insecticidal composition. 2,166,120; July 18.
Bousquet, Euclid W., and P. L. Salzberg, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Insecticidal compositions containing heterocyclic amides. 2,166,118; July 18.
Bousquet, L'Roche G. (See Allan, B. W., and Bousquet, assignors.)
Boussel, André, Courbevoie, assignor to Societe Anonyme des Anciens Etablissements, Hotchkiss & Cie, Levallois-Perret, Seine, France. Remote control for automatic fire arms. 2,168,114; Aug. 1.
Bouton, Craig M. (See Hartley, R. A., and Bouton.)
Bouton, Craig M. (See McAllister, S. H., Bouton, and Bailey.)
Bouton, Edgar M., H. W. Williams, and D. Santini, assignors to Westinghouse Electric Elevator Company, Jersey City, N. J. System of control for electric elevators. 2,151,734; Mar. 28.
Bouton, Fletcher P., St. Petersburg, Fla. Fish lure. 2,158,924; May 16.
Bouton, George M., Lynbrook, N. Y., and E. E. Schumacher, Maplewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alloy. 2,170,650; Aug. 22.
Boutwell, Clarence E., Birmingham, Ala. Matrix forming and bearer for the same. 2,156,836; May 2.
Bouveng, Nils, Elga, Satsjabaden, Sweden, and G. A. Gillette, Jr., Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Motion picture apparatus of the magazine type. 2,143,756; Jan. 10.
Bouvet, René, Hazleton, Pa., and J. Haesler, Teaneck, N. J., assignors to Duplan Silk Corporation, New York, N. Y. Yarn and fabric construction. 2,156,935; May 2.
Bouvier, George A., Chicago, and E. W. Larsen, Elmhurst, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Conveyer system. 2,151,077; Mar. 21.
Bouvier, George A., Minneapolis, Minn., and E. J. Crane, Oak Park, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Engraving machine. 2,151,078; Mar. 21.
Bouvy, Christiaan H., and C. F. Arnold, assignors to General Motors Corporation, Detroit, Mich. Fan. 2,149,267; Mar. 7.
Bouwers, Albert, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Method and installation for taking X-ray exposures. 2,157,474; May 9.
Bouwers, Albert, and A. Kuntke, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. X-ray apparatus. 2,162,833; June 20.
Bouwers, Albert, assignor to N. V. Philips Gloeilampenfabrieken, Eindhoven, Netherlands. Electron tube. 2,179,916; Nov. 14.
Bovard, William P., assignor to The Ohio Brass Company, Mansfield, Ohio. Rail bond. 2,155,217; Apr. 18.
Bovee, Jess M. and M. J., San Francisco, Calif. Roll cover for typewriters, etc. Re. 20,959; Jan. 3.
Bovee, Mary J. (See Bovee, Jess M. and M. J.)
Bovey, Thomas, Philadelphia, Pa. Lamp for the headlights of vehicles. 2,152,836; Apr. 4.
Bovier, Archie M. (See Johnston, David J., assignor.)
Bowan, Walter J., assignor to Mueller Co., Decatur, Ill. Inserting tool. 2,178,298; Oct. 31.
Bowden, Ada, et al., executors. (See Bowden, Edward.)
Bowden, Edward, et al., executors. (See Bowden, Edward.)
Bowden, Edward, deceased (A. and E. Bowden, executors), and S. Chaplin assignors to The Enfield Cable Works Limited, London, England. Termination and joint for electric cables. 2,174,377; Sept. 26.
Bowden (Engineers) Limited. (See Tondeur, Rene, assignor.)
Bowden, James J., Warren, Ohio. Method of and apparatus for grading magnetic sheet material. 2,176,784; Oct. 17.
Bowdil Company, The. (See Bowman, Charles L., assignor.)
Bowen, Albert H., and T. W. Dike, assignors to I. F. Laucks, Inc., Seattle, Wash. Composition of matter and making. 2,150,147; Mar. 14.
Bowen, Albert H., and T. W. Dike, assignors to I. F. Laucks, Inc., Seattle, Wash. Water soluble resinous condensation products. 2,150,148; Mar. 14.
Bowen, Arnold E. (See King, A. P., and Bowen.)
Bowen, Arnold E., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Guided wave transmission. 2,180,950; Nov. 21.
Bowen, Carroll T., Miami, Fla. Arm rest for fishing poles. 2,158,104; May 16.
Bowen, George W. (See Osmun, F. N., and Kinzbach, assignors.)
Bowen, George W., Houston, Tex. Grapple. 2,174,076; Sept. 26.
Bowen, George W., Houston, Tex. Grapple. 2,174,077; Sept. 26.
Bowen, George W., Houston, Tex. Mechanical ram. 2,182,245; Dec. 5.
Bowen, George W., and R. B. Kinzbach, Houston, Tex. Swivel. 2,176,323; Oct. 17.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Pressure producing device for hydraulic pressure systems. 2,148,231; Feb. 21.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure braking system. 2,148,232; Feb. 21.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure braking system. 2,152,345; Mar. 28.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure braking system. 2,161,277; June 6.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Brake. 2,161,278; June 6.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure system. 2,161,279; June 6.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Brake. 2,180,453; Nov. 21.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure braking system. 2,180,454; Nov. 21.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure producing device. 2,180,455; Nov. 21.
Bowen, Herbert C., assignor to Bendix Home Appliances, Inc., Detroit, Mich. Washing and dry cleaning machine. 2,182,655; Dec. 5.
Bowen, Herbert C., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure producing device. 2,185,072; Dec. 26.
Bowen, Herbert C., and C. V. Gardner, assignors to Hydraulic Brake Company, Detroit, Mich. Fluid pressure braking system. 2,174,615; Oct. 3.
Bowen, James M., Cape May Court House, N. J., and F. G. Birkhead, assignors to S. L. Allen & Co., Inc., Philadelphia, Pa. Sled. 2,183,638; Dec. 19.
Bowen, Kenneth H. (See Baird, B. O., Bowen, and Davis.)
Bowen, Kenneth H., assignor to Columbian Rope Company, Auburn, N. Y. Picker stick connection. 2,173,776; Sept. 19.
Bowen, Leslie G., Kansas City, Mo. Two-speed sprocket. 2,176,054; Oct. 17.
Bowen, Lot, Bakersfield, Calif., assignor to Western Gulf Oil Company, Pittsburgh, Pa. Formation tester. 2,158,569; May 16.
Bowen, Merel S., assignor to Matthews Conveyor Company, Elwood City, Pa. Roller conveyer. 2,160,807; June 6.
Bowen, Merlin L., assignor to Universal Button Fastening & Button Company, Detroit, Mich. Attaching mechanism. 2,161,404; June 6.
Bowen, Russell C., Seattle, Wash. BX cable cutter. 2,153,510; Apr. 4.
Bowen, William S., Westfield, N. J. Homogenizer. 2,142,344; Jan. 3.
Bowen, William S., Westfield, N. J. Sewage disposal system. 2,151,079; Mar. 21.
Bowen, William S., Westfield, N. J. Atomizer. 2,159,201; May 23.
Bower, Byron F., assignor to The Hewell Company, St. Charles, Ill. Machine for surface finishing. 2,161,947; June 13.
Bower, George D., Columbia Heights, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,170,232; Aug. 22.
Bower, George D., Columbia Heights, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Adjustable follow-up control system. 2,180,503; Nov. 21.

Bower, Joshua, Spondon, near Derby, England, assignor to Celanese Corporation of America. Manufacture of artificial filaments and other products. 2,145,290; Jan. 31.
Bower Roller Bearing Company. (See Ortegren, Herman A., assignor.)
Bower, William A. (See Blood, Perley T., assignor.)
Bowers, Cecelia E., Arlington, Va. Animated toy. 2,148,010; Feb. 21.
Bowers, Claude E., Los Angeles, Calif. Metal recovering means and method. 2,173,546; Sept. 19.
Bowers, Earl E., Lebanon, and C. M. Tumey, Indianapolis, Ind. Rotary engine. 2,162,055; June 13.
Bowers, Frank. (See Brelsford, H. E., Howse, and Bowers.)
Bowers, Frank. (See Thomas, W. P., Howse, Brelsford, and Bowers.)
Bowers, Frank E., Drexel Hill, assignor to Doyle & Bowers, Philadelphia, Pa. Ophthalmic mounting. Re. 21,167; Aug. 1.
Bowers, Frederick M., Chester, Pa. Welding shield or helmet. 2,152,865; Apr. 4.
Bowers, Frederick M., Chester, Pa. Combination welding helmet and safety hat. 2,167,969; Aug. 1.
Bowers, Herbert L., Haworth, and N. E. Brice, Millburn, N. J., assignors to The Permutit Company, New York, N. Y. Insulated strainer and fabricating same. 2,155,964; Apr. 25.
Bowers, Thomas A., assignor to Power Research Corporation, Boston, Mass. Die. 2,172,044; Sept. 5.
Bowersox, Joseph W., Glen Ellyn, assignor to Superior Felt & Bedding Co., Chicago, Ill. Couch. 2,175,015; Oct. 3.
Bowes Seal Fast Corporation. (See Fisher, Louis P., assignor.)
Bowes Seal Fast Corporation. (See Mullen, Thomas W., assignor.)
Bowes, Urban E., Perrysburg, Ohio. Production of ferric oxide. 2,176,242; Oct. 17.
Bowie, Augustus J., San Francisco, Calif. Electrical switch. 2,179,539; Nov. 14.
Bowie, Clifford P., Berkeley, Calif. Well slotter. 2,178,553; Nov. 7.
Bowie, Clifford P., Berkeley, Calif. Well slotter. 2,178,554; Nov. 7.
Bowie, Frank W., and A. S. Lieb, Binghamton, N. Y., assignors to B. W. Freeman, Cincinnati, Ohio. Die. 2,160,427; May 30.
Bowie, Robert M., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Manufacturing cathode ray tubes. 2,167,431; July 25.
Bowie, Robert M., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Electron discharge device. 2,172,316; Sept. 5.
Bowie, Robert M., St. Marys, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Electron gun structure and assembly thereof. 2,174,853; Oct. 3.
Bowie, Robert M., St. Marys, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Closure member for electric discharge tubes and the like. 2,178,826; Nov. 7.
Bowie, Robert M., St. Marys, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Electric power control system. 2,178,827; Nov. 7.
Bowker, Frank S., Woonsocket, R. I. Application of rubber or like coverings to large rolls. 2,172,005; Sept. 5.
Bowlby, Russell, et al. (See Ryan, John C., assignor.)
Bowlby, Walter D., Jersey City, N. J., assignor to Egyptian Lacquer Manufacturing Company. Coating flexible sheets. 2,146,619; Feb. 7.
Bowlby, Walter D., and M. L. Little, assignors to Hercules Powder Company, Wilmington, Del. Coated container. 2,176,166; Oct. 17.
Bowler, Ernest C., Jr., Portland, Maine. Lining unit for burial cases. 2,181,504; Nov. 28.
Bowles, Albert F., Jersey City, and S. Kaplan, Teaneck, assignors to The Richards Chemical Works, Incorporated, Jersey City, N. J. Condensation products of halogenated aromatic hydrocarbons with triglycerides. 2,144,324; Jan. 17.
Bowles, Albert F., Jersey City, and S. Kaplan, Teaneck, assignors to The Richards Chemical Works, Incorporated, Jersey City, N. J. Condensing organic oxides and amino type material, and products therefrom. 2,172,747; Sept. 12.
Bowles, Albert F., Jersey City, and S. Kaplan, Teaneck, assignors to The Richards Chemical Works, Incorporated, Jersey City, N. J. Aliphatic hydroxy ether ketones. 2,181,476; Nov. 28.
Bowles, Albert F., Jersey City, and S. Kaplan, Teaneck, assignors to The Richards Chemical Works, Incorporated, Jersey City, N. J. Sulphonation product. 2,183,929; Dec. 19.
Bowles, Edward L., Wellesley Farms, assignor to Stockton Profile Gauge Corporation, Lowell, Mass. Area measuring apparatus and method. 2,184,156; Dec. 19.
Bowles, J. H., et al. (See Malcolm, Charles A., assignor.)
Bowles, S. D. (See Boisseau, Jesse W., assignor.)
Bowles, Stanley D. (See Williams, Cliff A., assignor.)
Bowley, Raymond E., San Anselmo, Calif. Sound reproducing apparatus. 2,178,030; Oct. 31.
Bowlin, Henry, Tensha, Tex. Insect destroyer. 2,149,503; Mar. 7.
Bowlus, Harold G., Pennsgrove, and W. V. Wirth, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Reduction of aryl nitrobodies. 2,175,244; Oct. 10.
Bowman, Amos, Chicago, Ill. Venetian blind. 2,179,572; Nov. 14.
Bowman, Charles L., assignor to The Bowdil Company, Canton, Ohio. Reversible mining machine chain. 2,155,526; Apr. 25.
Bowman, Clarence B., Oakland, assignor to Oliver United Filters Incorporated, San Francisco, Calif. Filter. 2,161,127; June 6.
Bowman, David E., Burbank, assignor to Siphonator, Inc., Los Angeles, Calif. Automatic carbonating siphon bottle. 2,173,929; Sept. 26.
Bowman, Emory N., Rochester, Minn. Removable colostomy pocket and retaining belt. 2,156,425; May 2.
Bowman, Jacob W., assignor, by mesne assignments, to William Steell Jackson and Son, Philadelphia, Pa. Apparatus for handling chewing gum. 2,171,960; Sept. 5.
Bowman, John C., Chicago, Ill. Dice cup. 2,148,097; Feb. 21.
Bowman, John M. (See Grimditch, W. H., Bowman, and Glaser.)
Bowman, Joseph H., Pittsburgh, Pa. Painted hoop and making it. 2,156,107; Apr. 25.
Bowman, Louis G., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Blind stitch sewing machine. 2,168,727; Aug. 8.
Bowman, Louis G., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Blind stitch sewing machine. 2,172,494; Sept. 12.
Bowman, Louis G., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Forming seams. 2,182,911; Dec. 12.
Bowman-Manifold, Michael, Heathcot, Worplesden Station, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. High frequency electric transmission line. 2,148,098; Feb. 21.
Bowman-Manifold, Michael, Woking, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Cathode ray apparatus. 2,176,973; Oct. 24.
Bowman-Manifold, Michael, Worplesdon Station, and A. D. Blumlein, Ealing, London, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Coil for producing a magnetic field of approximately uniform flux density for use, for example, with cathode ray tubes. 2,148,398; Feb. 21.
Bowman-Manifold, Michael, Worplesdon Station, Surrey, and J. Collard, Hammersmith, London, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electric signal transmission system. 2,158,978; May 16.
Bowman-Manifold, Michael, Worplesdon Station, and W. S. Percival, Hanwell, assignors to Electric & Musical Industries Limited, Middlesex, Hayes, England. Television and like system. 2,181,572; Nov. 28.
Bowman, Reginald G., Gary, Ind., assignor to Traughber Engineering Co. Spray tower. 2,182,533; Dec. 5.
Bowman, Reginald G., Gary, and W. J. Knox, Jr., Hammond, Ind., assignors to Anaconda Lead Products Company, New York, N. Y. Electrolytic process for the manufacture of litharge. 2,158,269; May 16.
Bowman, Richard V., Philadelphia, Pa., assignor to Kee-Lox Manufacturing Company, Rochester, N. Y. Hectograph carbon and copy sheet assembly. 2,181,363; Nov. 28.
Bowman, Robert A., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vacuum-producing apparatus. 2,170,802; Aug. 29.
Bowman, Walter E., Norfolk, Va. Trap. 2,167,291; July 25.
Bowmann, Frederic C., assignor to A. R. Maas Chemical Co., Los Angeles, Calif. Refining phosphatovanadic acids. 2,163,773; June 27.
Bowmer, Amos V., San Francisco, Calif. Booster embalming tube. 2,156,522; May 2.
Bowne, Langford J., Howard Beach, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,173,675; Sept. 19.
Bowser, H. P., Manufacturing Company. (See Bowser, Harry P., assignor.)
Bowser, Harry P., deceased; H. B. Bowser, executrix, assignor to H. P. Bowser Manufacturing Company, Tulsa, Okla. Equalizing the flow in heat exchange. 2,178,095; Oct. 31.
Bowser, Helen B., executrix. (See Bowser, Harry P.)
Bowser, S. F., and Company. (See Bechtold, Reuben E., assignor.)
Bowser, S. F., & Company. (See Carroll, William M., assignor.)
Bowser, S. F., & Company. (See Cook, J. F., Jr., and Moore, assignors.)
Bowser, S. F., & Company. (See Griffith, Clement P., assignor.)
Bowser, S. F. & Company. (See Pressler, Ralph B., assignor.)
Bowser, Wayland S., Crafton, Pa. Sorting device. 2,165,609; July 11.
Bowsky, Merle C., and A. B. Winter, assignors, by mesne assignments, to Lane-Well Company, Los Angeles, Calif. Automatic compensator for geophysical devices. 2,142,555; Jan. 3.

Bowyer, Abbie G., Santa Monica, Calif. Means for use in curling hair. 2,144,829; Jan. 24.
Bowyer, Abbie G., assignor of one-fourth to S. E. Fouts, Los Angeles, Calif. Hair curler. 2,144,714; Jan. 24.
Bowyer, Abbie G., assignor of one-fourth to S. E. Fouts, Los Angeles, Calif. Comb. 2,180,394; Nov. 21.
Bowyer-Lowe, Albert E., Letchworth, assignor to Self Changing Gramophones Limited, London, England. Automatic gramophone and the like. 2,151,891; Mar. 28.
Bowzer, Augustus M., Lynn, Mass. Golf-scoring device. 2,167,271; July 25.
Box, Harry, Cedar Rapids, Iowa. Fastener. 2,149,665; Mar. 7.
Boxall, Frederick C., assignor to Lee Guinness Hydro-Pulsator Company Limited, London, England. Mechanism for converting rotary motion into reciprocating motion. 2,178,247; Oct. 31.
Boxan, Walter. (See Schuh, H. J., and Boxan.)
Boxan, Walter, Zschopau in Saxony, assignor to Auto Union Aktiengesellschaft, Chemnitz, Germany. Spring suspension. 2,147,518; Feb. 14.
Boxan, Walter, assignor to Auto Union Aktiengesellschaft, Chemnitz, Germany. Automobile. 2,171,469; Aug. 29.
Boxan, Walter, assignor to Auto Union Aktiengesellschaft, Chemnitz, Germany. Internal combustion engine. 2,171,912; Sept. 5.
Boyar-Schultz Corporation. (See Gideon, Victor W., assignor.)
Boyar-Schultz Corporation. (See Schultz, Albert, assignor.)
Boyce, Alfred M., Riverside, Calif., dedicated by assignment to the Government and the People of the United States of America. Dusting composition. 2,166,121; July 18.
Boyce, Alfred M., Riverside, Calif., dedicated by assignment to the Government and the People of the United States of America. Dusting composition. 2,166,122; July 18.
Boyce, Alfred M., Riverside, W. H. Chandler, Berkeley, and M. H. Kimball, Alhambra, Calif., dedicated by assignment to the Government and the People of the United States of America. Termination of rest period of deciduous plants. 2,166,123; July 18.
Boyce, Charles M., deceased, High Park, New Brunswick, county of Middlesex, by J. R. Ditmars, New Brunswick, N. J., assignee. Treating surfaces of fibrous materials. Re. 21,195; Sept. 5.
Boyce, John P., assignor to H. Kratz, Newark, N. J. Fishing device. 2,162,241; June 13.
Boyce Thompson Institute for Plant Research, Inc. (See Zimmerman, P. W., and Hitchcock, assignors.)
Boyce, William S., Chicago, Ill. Rail fastening. 2,167,870; Aug. 1.
Boycott, Harold D., Knapps Creek, N. Y. Tire chain applying device. 2,159,626; May 23.
Boyd, Charles P., Yeadon, Pa. Hanger for gutters. 2,150,414; Mar. 14.
Boyd, Claud A., Dallas, Tex. Rod guide. 2,145,336; Jan. 31.
Boyd, David B. (See Hassard, William, assignor.)
Boyd, Donald A., Detroit, Mich. Seal. 2,157,995; May 9.
Boyd, Donald A., Detroit, Mich. Seal. 2,164,380; July 4.
Boyd, Donald A., Detroit, Mich. Seal. 2,183,004; Dec. 12.
Boyd, Donald A., Detroit, Mich. Seal. 2,183,005; Dec. 12.
Boyd, Donald A., Detroit, Mich. Seal. 2,183,006; Dec. 12.
Boyd, Donald L., Huntington, W. Va., assignor to Carb-O-Spot Corporation, Athens, Ohio. Separable drive for printing presses. 2,173,873; Sept. 26.
Boyd, Donald L., Huntington, W. Va., assignor to Carb-O-Spot Corporation, Athens, Ohio. Adjustable ink fountain of a rotary press. 2,173,874; Sept. 26.
Boyd, Donald L., Huntington, W. Va., assignor to Carb-O-Spot Corporation, Athens, Ohio.. Contact of inking cylinder and impression cylinder on rotary presses. 2,173,875; Sept. 26.
Boyd, Donald L., Huntington, W. Va., assignor to Carb-O-Spot Corporation, Athens, Ohio. Heating means for plate cylinders of rotary presses. 2,181,690; Nov. 28.
Boyd, Fisher L., Haverford, assignor to National Foam System, Inc., Philadelphia, Pa. Fire extinguishing foam apparatus. 2,167,232; July 25.
Boyd, George A., assignor to Standard Oil Company, Chicago, Ill. Oil burner. 2,177,053; Oct. 24.
Boyd, George A., assignor to Standard Oil Company, Chicago, Ill. Catalyst regeneration. 2,180,220; Nov. 14.
Boyd, James H., Jr., assignor to The Atlantic Refining Company, Philadelphia, Pa. Purification of crystallizable derivatives of coal tar. 2,163,581; June 27.
Boyd, James H., Jr., Kennett Square, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Solvent extraction. 2,183,852; Dec. 19.
Boyd, John. (See Nadai, A., and Boyd.)
Boyd, John B. (See Boston, Paul F., assignor.)
Boyd, John B., Reno, Nev. Level. 2,150,048; Mar. 7.
Boyd, John B., Sr., Reno, Nev. Tile. 2,162,695; June 20.
Boyd, Robert C., Louisville, Ky., assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Water closet evacuator. 2,155,751; Apr. 25.
Boyd, William E., assignor to The Brewster Company, Inc., Shreveport, La. Core barrel construction. 2,173,676; Sept. 19.
Boyd, William E., assignor to The Brewster Company, Inc., Shreveport, La. Core barrel. 2,173,677; Sept. 19.
Boyd, William R. (See Engel, Frank L., Jr., assignor.)
Boydston, Verne C., Seattle, Wash. Primer valve. 2,154,659; Apr. 18.
Boydston, Walter. (See Warren, P. C., and Boydston.)
Boye, James H., assignor to James H. Boye Manufacturing Company, Chicago, Ill. Curtain fixture. 2,150,204; Mar. 14.
Boye, James H., assignor to James H. Boye Manufacturing Company, Chicago, Ill. Bowed curtain fixture. 2,181,417; Nov. 28.
Boye, James H., Manufacturing Company. (See Boye, James H., assignor.)
Boye Needle Company, The. (See Byrnes, E. P., and Davis, assignors.)
Boye Needle Company, The. (See Davis, Edward D., assignor.)
Boyer, Earle G., Philadelphia, Pa., assignor to Hannifin Manufacturing Co., Chicago, Ill. Forming slots, splines and the like. 2,147,363; Feb. 14.
Boyer, John A. (See Benner, R. C., Melton, and Boyer.)
Boyer, John A., and W. P. Fitz-Randolph, Niagara Falls, and C. G. Rose, Lewiston, assignors to The Carborundum Company, Niagara Falls, N. Y. Metallic article and its manufacture. 2,173,835; Sept. 26.
Boyer, Lester C., Toledo, Ohio. Handling strips of extruded material. 2,156,909; May 2.
Boyer, Ralph V., Pittsfield, Mass., assignor to General Electric Company. Electrical protective device. 2,157,815; May 9.
Boyer, Richard P., Jr., Newton, Mass. Supervisory circuit for telephone switchboards. 2,184,268; Dec. 26.
Boyer, Tanner E., Bell, and L. P. Stockman, Los Angeles, Calif. Packing gland mounting. 2,182,246; Dec. 5.
Boyer, Walton T., Stamford, Conn. Fastening device for airplane cowls and the like. 2,174,030; Sept. 26.
Boyers, Charles F, (See Montgomery, W. J., and Boyers.)
Boyett, Jesse B. (See Rutland, Jesse E., assignor.)
Boylan, Felix T., New York, N. Y. Delinquency card selecting machine. 2,167,871; Aug. 1.
Boyle, Alfred A. (See Young, L., and Boyle.)
Boyle, Clete L., Detroit, Mich. Preparation for cleaning metal preparatory to painting. 2,145,291; Jan. 31.
Boyle, Clete L., Detroit, Mich. Soldering solution. 2,145,292; Jan. 31.
Boyle, Edward R. (See Cardarelli, Alfred R., assignor.)
Boyle, James F., Teaneck, N. J. Balloon and producing same. 2,165,610; July 11.
Boyle, John D., Greenwich, Conn. Puzle. 2,181,116; Nov. 28.
Boyle, John R., assignor to Illinois Testing Laboratories, Inc., Chicago, Ill. Air velocity meter. Re. 21,127; June 27.
Boyle, John W. (See McCurdy, W. R., and Boyle.)
Boyle, Robert B., assignor, by mesne assignments, to Consolidated Carton, Inc., Chicago, Ill. Carton structure. 2,158,216; May 16.
Boyle, Robert B., assignor, by mesne assignments to Consolidated Carton, Inc., Chicago, Ill. Carton structure. 2,161,128; June 6.
Boyle, Thomas V., Cleveland, Ohio. Hinge. 2,151,732; Mar. 28.
Boyles, David S., assignor to National Wire Goods Manufacturing Company, Rock Hill, S. C. Machine for making garment hangers of wire. 2,162,669; June 13.
Boynton, Arthur J., assignor to H. A. Brassert & Company, Chicago, Ill. Apparatus for charging furnaces. 2,155,927; Apr. 25.
Boynton, Earl S., East Orange, N. J. Two-wheeled vehicle. 2,147,732; Feb. 21.
Boynton, Solon D., Boston, Mass. Valve for inflatable articles. 2,176,565; Oct. 17.
Boyson, B. Herbert. (See Boyson, B. Richard and B. H.)
Boyson, B. Richard, Lynn, and B. H. Boyson, West Boylston, Mass. Edge-setting machine. 2,151,498; Mar. 21.
Boyter, Franklin G., Cramerton, N. C. Fireplace. 2,174,435; Sept. 26.
Boza, Rolando. (See Esnard, E. A., and Boza.)
Bozarth, Abe R., Cleveland, assignor to The Harshaw Chemical Company, Elyria, Ohio. Manufacture of ammonium hydrogen fluoride. 2,156,273; May 2.
Bozarth, Frank D., Williamsburg, Va. Hood lock. 2,145,968; Feb. 7.
Bozeman, John F., Houston, Tex. Wire line rotatable circulating head. 2,164,606; July 4.
Bozung, Clarence J., Greenville, Mich. Memorandum device. 2,152,866; Apr. 4.
Braaten, Arthur M., Riverhead, N. Y., assignor to Radio Corporation of America. Electrical wave resonant line filter. 2,174,963; Oct. 3.
Braatz, Frank C., Chicago, Ill. Drip pan for flush tanks. 2,156,174; Apr. 25.
Brabak, Jörgen, Copenhagen, Denmark. Apparatus for desiccating or drying liquids or moist substances. 2,159,248; May 23.
Braby, Frederick, & Company Limited. (See Marchbank, John, assignor.)
Brace, Edwin T., assignor to Buckeye Incubator Company, Springfield, Ohio. Incubator. 2,184,685; Dec. 26.

Brace, Kemper P., South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Pump. 2,145,644; Jan. 31.
Brace, Kemper P., South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Thermal control. 2,150,142; Mar. 14.
Brace, Kemper P., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,160,055; May 30.
Brace, Kemper P., South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Control mechanism. 2,162,343; June 13.
Brace, Kemper P., South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Refrigerator system. 2,169,459; Aug. 8.
Brace, Kemper P., South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Burner. 2,174,818; Oct. 3.
Brace, Kemper P., and V. W. Kliesrath, South Bend, Ind., assignors to International Engineering Corporation, Chicago, Ill. Liquid fuel burner. 2,167,444; July 25.
Brace, Porter H. (See Marbury, R. E., and Brace.)
Brace, Porter H., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Apparatus for the manufacture of electrical apparatus. 2,165,031; July 4.
Brace, Porter H., Forest Hills Boro, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Making resistor elements. 2,169,020; Aug. 8.
Brace, Porter H., Forest Hills, C. R. Hanna, Pittsburgh, and Kirk A. Oplinger, Verona, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermostatic control. 2,162,524; June 13.
Brach, E. J., & Sons. (See Llewellyn, L. K., and Barton, assignors.)
Brachear, Otto, Cornland, Ill. Live-stock loader. 2,179,005; Nov. 7.
Bracher, Harold H., Westfield, N. J. Hat and sweat band therefor. 2,155,965; Apr. 25.
Bracht, Carl F., Twin Brooks, S. Dak. Trailer coupler. 2,155,782; Apr. 25.
Brack, Oskar, Visp, Wallis, assignor to Lonza Elektrizitatswerke und Chemische Fabriken Aktiengesellschaft (Gampel), Basel, Switzerland. Catalyst for use in the oxidation of ammonia. 2,148,680; Feb. 28.
Bracke, Robert F., Chicago, Ill. Carburetor. 2,152,950; Apr. 4.
Bracke, Robert F., Chicago, Ill. Carburetor. 2,152,951; Apr. 4.
Bracke, Robert F., Chicago, Ill. Carburetor. 2,155,638; Apr. 25.
Bracke, Robert F., Chicago, Ill. Carburetor. 2,167,497; July 25.
Bracke, Robert F., Chicago, Ill. Fuel feeding system. 2,170,651; Aug. 22.
Bracke, Robert F., Chicago, Ill. Carburetor. 2,182,580; Dec. 5.
Bracke, Robert F., Detroit, Mich. Carburetor. 2,162,056; June 13.
Bracken, Frank. (See Adams, L. J., and Bracken.)
Bracken, Frank, and R. Reed, Los Angeles, Calif., assignors to Warner Bros. Pictures, Inc., New York, N. Y. Engine driven generator system. 2,177,686; Oct. 31.
Bracken, Frank, and R. Reed, Los Angeles, Calif., assignors to Warner Bros. Pictures, Inc., New York, N. Y. Electric generator unit. 2,177,687; Oct. 31.
Bracken, Joseph A., assignor to Water-Pressure Vitalizer Co., Philadelphia, Pa. Device for removing scale, etc., from liquid containers. 2,147,593; Feb. 14.
Bracker, Charles E., New York, N. Y. Book toy. 2,183,443; Dec. 12.
Brackett, Clare L. (See Place, Charles E. S., assignor.)
Braconi, Frank J., San Francisco, Calif. Snap hook. 2,173,750; Sept. 19.
Bradbury, John H., Ashton-on-Mersey, England. Gear box. 2,158,054; May 16.
Bradbury, Thomas H., Birmingham, assignor to Phillips Telescopic Tops Limited, London, England. Closure element for canisters and like vessels. 2,156,837; May 2.
Braddon, Frederick D., Babylon, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Constant period gyrocompass. 2,158,048; May 9.
Braden Copper Company. (See Dorris, Milburn L., assignor.)
Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Magnetron apparatus. 2,142,345; Jan. 3.
Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Delayed automatic gain control circuit. 2,144,304; Jan. 17.
Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Receiver for ultra high frequency waves. 2,147,142; Feb. 14.
Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Magnetron detector circuit. 2,147,143; Feb. 14.
Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Automatic fidelity control circuits. 2,153,738; Apr. 11.
Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Automatic fidelity control circuits. 2,154,061; Apr. 11.
Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. High frequency amplifier. 2,155,467; Apr. 25.
Braden, Rene A., Collingswood, N. J., assignor to Radio Corporation of America. Automatic volume control system. 2,173,248; Sept. 19.
Bradfield, George K., Jr., Hackensack, N. J., assignor to American Car and Foundry Company, New York, N. Y. Reclining seat mechanism. 2,180,505; Nov. 21.
Bradfield, George K., Hackensack, N. J., A. W. Clarke, St. Charles, Mo., and V. Willoughby, Ridgewood, N. J., assignors to American Car and Foundry Company, New York, N. Y. Metal floor construction. 2,180,504; Nov. 21.
Bradfield, Merrill L., Terre Haute, Ind., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph system. 2,181,505; Nov. 28.
Bradley, Bruce L. (See Bradley, Freeman J., assignor.)
Bradley, Charles A., Penn Township, Allegheny County, assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Two-piece bakelite grip. 2,146,415; Feb. 7.
Bradley, Dan T., Detroit, Mich., assignor to Harris Products Company, Akron, Ohio. Exhaust pipe and muffler support. 2,160,808; June 6.
Bradley, Delbert S., Chase, Kans. Safety device for well tubing. 2,177,203; Oct. 24.
Bradley, Elizabeth K., New York, N. Y. Novelty jewelry and accessories. 2,180,726; Nov. 21.
Bradley, Eric H., Spring Lake, Mich., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Liquid dispensing apparatus. 2,161,756; June 6.
Bradley, Freeman J., assignor to B. L. Bradley, Ypsilanti, Mich. Trailer hitch and brake. 2,166,738; July 18.
Bradley, Guy H., Pleasant Ridge, assignor to Wolverine Tube Company, Detroit, Mich. Centering device for extruding presses. 2,183,182; Dec. 12.
Bradley, Jacob J., Quakertown, Pa. Heat utilizing appliance for ranges. 2,151,262; Mar. 21.
Bradley, John H. (See Bradley, William J. and J. H.)
Bradley, John J., Jr., East Walpole, and B. L. Seekins, Norwood, assignors to Bird & Son, Inc., East Walpole, Mass. Film applicator. 2,151,183; Mar. 21.
Bradley, John J., Jr., Dedham, and A. R. Cripps, Sharon, assignors to Bird & Son, inc., East Walpole, Mass. Floor covering and method. 2,177,634; Oct. 31.
Bradley, Leo C. (See Skinner, C. D., and Bradley.)
Bradley, Theodore F., Westfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Rubber-like material and producing same. 2,155,639; Apr. 25.
Bradley, Theodore F., Westfield, N. J., assignor to American Cyanamid Company, New York, N. Y. Liquid coating composition. 2,169,577; Aug. 8.
Bradley, Theodore F., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Oxygen-convertible compositions. 2,166,542; July 18.
Bradley, V. A. (See Wagner, Frank C., assignor.)
Bradley, William E. (See Jewel, P. W., and Bradley.)
Bradley, William J. and J. H., New York, N. Y. Automatic circuit opening device. 2,146,498; Feb. 7.
Bradley, William T., Philadelphia, Pa. Electrical connector. 2,164,381; July 4.
Bradner, Donald B. (See Rentschler, M. J., and Bradner.)
Bradner, Donald B., assignor to The Hamilton Laboratories, Inc., Hamilton, Ohio. Preparing phenylmercuric compounds. 2,165,533; July 11.
Bradshaw, Basil M., and J. M. Rowland, Sequoia National Park, Calif. Remote control unit for gasoline and other engines. 2,149,041; Feb. 28.
Bradshaw, Charles E., assignor of one-third to C. Martin, Wellville, Va. Vehicle body mounting. 2,181,546; Nov. 28.
Bradshaw, James B. (See Erickson, Prentis E., assignor.)
Bradshaw, Joe B., Stanford, Ky. Tool mounting. 2,161,665; June 6.
Bradshaw, Joe B., Stanford, Ky. Highway guard. 2,168,930; Aug. 8.
Bradshaw, Joe B., Stanford, Ky. Door guard and stay. 2,180,578; Nov. 21.
Bradshaw, John R., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Cementing packer for oil wells. 2,173,351; Sept. 19.
Bradshaw, Robert S., Jr., et al. (See Jacobson, James H., assignor.)
Bradshaw, Robert S., Jr., et al., joint tenants. (See Westcott, Clifford H., assignor.)
Bradstreet, Samuel W. (See Bethke, Leo, assignor.)
Bradt, Charles H., Groton, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Duplicating apparatus. 2,151,080; Mar. 21.
Bradt, Charles H., Groton, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Rotary duplicator. 2,154,604; Apr. 18.
Bradwell, Robert H., Dalton, Ga., assignor to Polly Prentiss, Inc., Sumter, S. C. Tufting machine. 2,143,677; Jan. 10.
Bradwell, Robert H., assignor to Polly Prentiss, Inc., Sumter, S. C. Tufting machine. 2,171,825; Sept. 5.
Brady, Aloysius P. (See de Simó, M., and Brady.)
Brady, Clare W., West Los Angeles, and R. J. Robinson, Los Angeles, Calif. Illuminated sign. 2,165,835; July 11.
Brady, David R. (See Hack, M., and Brady.)

Brady, David R. (See Hack, N., and Brady.)
Brady, Francis E., Jr., Connersville, Ind. Pump. 2,164,869; July 4.
Brady, Francis E., Connersville, Ind. Fluid pressure system. 2,183,421; Dec. 12.
Brady, Henry J., McCone City, and P. H. McConnell, Park Grove, Mont. Trench digging machine. 2,169,518; Aug. 15.
Brady, James H., Louisville, Ky. Electric traffic signal. 2,167,631; Aug. 1.
Brady, James H., assignor of one-half to A. W. Garrett, Louisville, Ky. Piano-tuning wrench. 2,172,355; Sept. 12.
Brady, John B. (See Riggs, Alger S., assignor.)
Brady, Samuel G., assignor to Gear Grinding Machine Company, Detroit, Mich. Trimming mechanism for grinding wheels. 2,178,135; Oct. 31.
Brady, Thomas, Bloomfield, N. J., assignor to Bakelite Building Products Co., Inc., New York, N. Y. Method and apparatus for feeding and distributing sludgy materials. 2,156,901; May 2.
Bragg, Caleb S., Palm Beach, assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Clutch control mechanism. 2,177,447; Oct. 24.
Bragg-Kliesrath Corporation. (See Bragg, Caleb S., assignor.)
Bragg-Kliesrath Corporation. (See Drabin, John J., assignor.)
Bragg-Kliesrath Corporation. (See Kliesrath, Victor W., assignor.)
Bragg-Kliesrath Corporation. (See Sanford, Roy S., assignor.)
Brailsford, Joseph D., London, England, assignor to Radio Corporation of America. Indicator and scale arrangement. 2,148,976; Feb. 28.
Brailsford, Joseph D., London, England, assignor to Radio Corporation of America. Automatic gain control circuits. 2,162,878; June 20.
Brailsford, Joseph D., and R. F. O'Neill, London, England, assignors to Radio Corporation of America. Artificial line for use on radio and other high frequencies. 2,158,493; May 16.
Brain, George, Tiffin, Ohio, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Closet structure. 2,156,108; Apr. 25.
Brainard, Frank W., et al. (See Crum, Roland R., assignor.)
Brainard, George C., assignor to The General Fireproofing Company, Youngstown, Ohio. Chair base. 2,172,019; Sept. 5.
Brainard, Noble E., Fort Wayne, Ind. Fireplace-furnace. 2,172,356; Sept. 12.
Brainard Steel Corporation. (See Adamson, Andrew E., assignor.)
Brainerd, Roy E., administrator. (See Wetmore, Foster H.)
Braissant, Anna I., Oakland, Calif. Corset. 2,160,428; May 30.
Braithwaite, Isaac, & Son Engineers Limited. (See Cleghorn, William G., assignor.)
Braithwaite, Isaac, & Son Engineers Limited. (See O'Brien, Terence H., assignor.)
Brakensiek, Clarence W., St. Louis, Mo. Earth anchor. 2,150,358; Mar. 14.
Braker, William. (See Christiansen, W. G., and Braker.)
Braker, William, Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Preparation of aracyl persulphides. 2,154,488; Apr. 18.
Brake Shoe and Foundry Company. (See Ratkowski, Thomas A., assignor.)
Braman, Harry S., Homer, N. Y. Stringed instrument body. 2,150,736; Mar. 14.
Bramblett, Ardrey M., Brooklyn, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,170,005; Aug. 22.
Bramley, Arthur, Scottdale, Pa. Mine car. 2,150,818; Mar. 14.
Brammer, Frederick G., North Olmstead, Ohio. Defroster for aircraft. 2,160,397; May 30.
Brammer, George R., Indianapolis, Ind. Well flow stimulator. 2,184,809; Dec. 26.
Brammer, Harry. (See Evans, P. T., Wright, and Brammer.)
Bramsen, Svend, and F. W. Wahlin, assignors to Binks Manufacturing Company, Chicago, Ill. Spray gun nozzle. 2,146,416; Feb. 7.
Branam, Ellsworth, Mendon, Ohio. Corn popper. 2,168,665; Aug. 8.
Brancato, Joe, and D. Scalese, Barnesboro, Pa. Automatic scissors. 2,181,009; Nov. 21.
Branch, Albert L., Richmond, Va. Tie case. 2,171,077; Aug. 29.
Branch, Guy E., Lowell, assignor to Abbot Worsted Company, Graniteville, Mass. Builder motion. 2,153,788; Apr. 11.
Branche, Nelson T., assignor to Surface Combustion Corporation, Toledo, Ohio. Igniting mechanism for gas burners. 2,150,415; Mar. 14.
Brand, Carl W. (See Rosenberry, Homer R., assignor.)
Brand, David G., et al. (See Fitzgerald, Cecil Y., assignor.)
Brand, Erick, Elkhart, Ind. Light mount. 2,155,752; Apr. 25.
Brand, Frederick F., Pittsfield, Mass., assignor to General Electric Company. System of electrical distribution. 2,148,289; Feb. 21.
Brand, Frederick F., Pittsfield, Mass., assignor to General Electric Company. Electric circuit. 2,180,193; Nov. 14.
Brand, Samuel. (See Fuller, F. L., and Brand.)
Brand, Samuel, Clayton, Mo. Painting machine. 2,167,063; July 25.
Brand, Samuel, Binghamton, N. Y., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,155,928; Apr. 25.
Brand, Samuel, Binghamton, assignor to International Business Machine Corporation, New York, N. Y. Card punching machine. 2,161,612; June 6.
Brand, Samuel, Binghamton, and J. N. Wheeler, Apalachin, assignors to International Business Machines Corporation, New York, N .Y. Manually controlled check sorting machine. 2,146,695; Feb. 7.
Brandegee, Morris M. (See Johnson, A., and Brandegee.)
Brandenberger, Heinrich, Zurich, Switzerland. Machine tool with hydraulic copying device. 2,169,135; Aug. 8.
Brandenburg, Charlotte, San Antonio, Tex. Electromagnetic vibrator. 2,157,279; May 9.
Brandenburg, Francis C., assignor to The Wood Shovel and Tool Company, Piqua, Ohio. Shovel. 2,178,509; Oct. 31.
Brandenburg, Hermann. (See Albrecht, C. A., and Brandenburg.)
Brandenburg, Oscar R., et al. (See Raeuber, Helmus E., assignor.)
Brandenburger, Leo, Falkensee, Kreis Ost-Havelland, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electronic metering system. 2,154,260; Apr. 11.
Brandert, Henry H. and L. J., assignors of twenty-five per cent to H. Truhlsen, Herman, Nebr. Tire alarm. 2,157,655; May 9.
Brandert, Luther J. (See Brandert, Henry H. and L. J.)
Brandes, Marjorie H., Chicago, Ill. Nightgown. 2,164,896; July 4.
Brandon, Alfred E., New York, N. Y. Umbrella and the like frame structure. 2,144,141; Jan. 17.
Brandon, Alfred E., New York, N. Y. Beach and lawn chair. 2,148,898; Feb. 28.
Brandon, Alfred E., New York, N. Y. Boat for exercises. 2,183,345; Dec. 12.
Brandon, Joseph I., Los Angeles, Calif. Carburetor. 2,163,139; June 20.
Brandon, Wayne D., assignor to Baxter Laboratories, Inc., Glenview, Ill. Container and means for exhausting air therefrom. 2,155,397; Apr. 25.
Brandt Automatic Cashier Company. (See Brandt, Edward J., assignor.)
Brandt Automatic Cashier Co. (See Brandt, E. J., Reuteler, and Barganz, assignors.)
Brandt, David G., Westfield, assignor to Power Patents Company, Hillside, N. J. Distillation and fractionation process and apparatus. 2,168,316; Aug. 8.
Brandt, David G., Westfield, assignor to Power Patents Company, Hillside, N. J. Recovery of gasoline hydrocarbons. 2,169,959; Aug. 15.
Brandt, Edgar. (See Schenk, Edouard H., assignor.)
Brandt, Edgar W., Paris, France, assignor to Sageb, Société Anonyme de Gestion et d'Exploitation de Brevets, Fribourg, Switzerland. Fuse for rotative projectiles. 2,167,197; July 25.
Brandt, Edgar W., Paris, France, assignor to Sageb Société Anonyme de Gestion et d' Exploitation de Brevets, Fribourg, Switzerland. Piece of ordnance. 2,182,010; Dec. 5.
Brandt, Edward J., assignor to Brandt Automatic Cashier Company, Watertown, Wis. Coin delivery chute. 2,163,082; June 20.
Brandt, Edward J., and E. G. Reuteler, Watertown, and W. A. Barganz, Dodge County, assignors to Brandt Automatic Cashier Co., Watertown, Wis. Coin counting machine. 2,152,952; Apr. 4.
Brandt, Erich, Berlin-Lichterfelde, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Loudspeaker system. 2,165,781; July 11.
Brandt, Fokko H. G., and B. B. Bockting, Kansas City, Mo. Ball rolling machine. 2,178,222; Oct. 31.
Brandt, Francis L., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Nailing machine. 2,145,337; Jan. 31.
Brandt, Francis L., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon the heel portions of shoes. 2,155,527; Apr. 25.
Brandt, Francis L., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Nailing machine. 2,162,798; June 20.
Brandt, Francis L., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for attaching heel portions. 2,165,919; July 11.
Brandt, Fred H. G., assignor to Sheffield Steel Corporation, Kansas City, Mo. Apparatus for shaping and sizing balls. 2,178,031; Oct. 31.
Brandt, Friederich H. A., New York, N. Y. Discharge device. 2,164,307; July 4.
Brandt, Henry E., St. Paul, assignor to Dobbins Manufacturing Company, North St. Paul, Minn. Pump plunger. 2,142,712; Jan. 3.

Brandt, Henry E., assignor to Dobbins Manufacturing Company, St. Paul, Minn. Duplex nozzle for sprayers. 2,148,726; Feb. 28.
Brandt, Henry E., St. Paul, assignor to Dobbins Manufacturing Company, North St. Paul, Minn. Pump valve mounting. 2,173,930; Sept. 26.
Brandt, Henry E., assignor to Dobbins Manufacturing Company, North St. Paul, Minn. Dispensing tank closure structure. 2,180,664; Nov. 21.
Brandt, Henry E., and A. Sorensen, assignors to Dobbins Manufacturing Company, North St. Paul, Minn. Agitator drive for power sprayers. 2,149,112; Feb. 28.
Brandt, Henry E., and C. Zwickey, assignors to Dobbins Manufacturing Company, St. Paul, Minn. Knapsack sprayer. 2,162,057; June 13.
Brandt, Hermann, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Gyroscope. 2,182,534; Dec. 5.
Brandt, John W., assignor to The Troxel Manufacturing Company. Elyria, Ohio. Cycle saddle clamp. 2,179,397; Nov. 7.
Brandt, Leo. (See Runge, W., and Brandt.)
Brandt, Ralph H. (See Shorb, Norbert N., assignor.)
Brandt, Raymond V., Clermont, Iowa. Electric sterilizer for hypodermic syringes and the like. 2,166,284; July 18.
Brandt, Robert J., Los Angeles, Calif. Base construction. 2,170,006; Aug. 22.
Brandt, Robert L., New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Mineral oil sulphonates. 2,149,661; Mar. 7.
Brandt, Robert L., New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Mineral oil sulphonates. 2,149,662; Mar. 7.
Brandt, Robert L., New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Pickling metals. 2,176,389; Oct. 17.
Brandt, Robert L., New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Sulphonates of mineral oil extracts and method of making. 2,179,174; Nov. 7.
Brandt, Thomas F., Barbertson, assignor to The Ohio Brass Company, Mansfield, Ohio. Expansion chamber for bushing insulators. 2,142,233; Jan. 3.
Brandt, Walter, Vienna, Austria, assignor to Western Electric Company, Incorporated, New York, N. Y. Relay. 2,160,056; May 30.
Brandt, Weldon H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Immersion heater. 2,154,261; Apr. 11.
Brandt, William A. (See Hinton, E. M., and Brandt.)
Brandtjen & Kluge, Inc. (See Kluge, Abel and E., assignors.)
Branen, Daniel R., New York, N. Y. Traveling bag. 2,164,493; July 4.
Branfeld, Max. (See Levine, M., and Branfeld.)
Brann, Fritz, Dresden, Germany, assignor to General Electric Company. Electric circuit interrupter. 2,145,706 Jan. 31.
Brannas, Earle C. (See Watson, G. W., and Brannas.)
Brannon, Frank W., deceased, Luthersville, by J. C. Brannon, administrator, Moreland, Ga. Convertible hammer mill and silage cutter. 2,160,695; May 30.
Brannon, Herbert E., Detroit, Mich. Cordless electric iron. 2,147,085; Feb. 14.
Brannon, James C., administrator. (See Brannon, Frank W.)
Branower, William, New York, N. Y. Resuscitation apparatus. 2,162,242; June 13.
Bransky, David W., assignor to Standard Oil Company, Chicago, Ill. Recovery of sulphur dioxide from acid sludges. 2,164,637; July 4.
Branson, Earl J., Pasadena, Calif. Road surfacing device. 2,155,889; Apr. 25.
Branson, Harry. (See Vance, A. W., and Branson.)
Brant, Gilbert W., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Adsorption material. 2,177,473; Oct. 24.
Branthover, Levi L., Washington, D. C. Trash receptacle. 2,149,042; Feb. 28.
Brantingson, Sigurd, Palisades Park, N. J., assignor to Francis Keil & Son, Inc. Door latch and striker construction. 2,161,757; June 6.
Brantingson, Sigurd, Palisades Park, N. J., assignor to Francis Keil & Son, Inc. Pickproof lock construction. 2,174,413; Sept. 26.
Brantly, John E., Pasadena, Calif. Oil well tool. 2,159,249; May 23.
Brantly, John E., Pasadena, Calif. Oil well hoist. 2,159,250; May 23.
Braren, Cornelius I. (See Kimball, W. D., Braren, and Mosley.)
Brash, Alfred. (See Oyston, William R., assignor.)
Brasher, Samuel M., Decimal, Manitoba, Canada. Radio signal receiving system. 2,168,923; Aug. 8.
Brass, Ehme, Lennox, S. Dak. Wood case and fastener for the covers thereof. 2,182,112; Dec. 5.
Brassert, H. A., & Company. (See Andrews, Charles W., assignor.)
Brassert, H. A., & Company. (See Boynton, Arthur J., assignor.)
Brassert, H. A., & Company. (See Brassert, Herman A., assignor.)
Brassert, H. A., & Company. (See Holmboe, Ralph, assignor.)
Brassert, H. A., & Company. (See Paschke, M., and Peetz, assignors.)
Brassert, H. A., & Company. (See Seaver, Jay J., assignor.)
Brassert, H. A., & Company. (See Vreeland, George W., assignor.)
Brassert, Herman A., Bovington, England, assignor to H. A. Brassert & Company, Chicago, Ill. Utilization of waste heat. 2,171,353; Aug. 29.
Brasty, Joseph. (See Morgenstern, D. M., and Brasty.)
Braswell, Welca W., assignor of one-half to M. B. Shinholser, Washington, D. C. Indicating instrument. 2,158,925; May 16.
Bratek, Frank B. (See Dziedzic, N. J., and Bratek.)
Bratring, Kurt, Berlin, Germany, assignor, by mesne assignments, to Neocell Products Corporation. Process and apparatus for the production of hollow bodies from cellulose products and other plastic masses. Re. 21,094; May 23.
Bratton, Robert C. (See Ellis, G. T., and Bratton.)
Bratvold, Gunnar A. (See Olson, A. J., and Bratvold.)
Brauchler, Charles A., Canton, Ohio. Garage door operator. 2,168,152; Aug. 1.
Brauer, Arthur J., Webster Groves, and F. P. Wagner, St. Louis, Mo. Shoe. 2,143,539; Jan. 10.
Bräuer, Ernst, Voigtsdorf in Riesengebirge, Germany. Relay. 2,182,912; Dec. 12.
Brauer, Gerhard, deceased, Berlin-Halensee, (by R. Brauer and M. Brauer, née Naumann, heirs, Luneburg), and E. Ruska, assignors to the firm of Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Secondary emitter tube. 2,159,519; May 23.
Brauer, Gerhard, deceased, Berlin-Halensee, by R. Brauer and Magdalene, née Naumann, heirs, Luneburg, Haus Schwalbenberg, assignors to Fernseh A. G., Zehlendorf, near Berlin, Germany. Producing coatings of high ohmic resistance in the interior of vacuum tubes. 2,183,302; Dec. 12.
Brauer Machine & Supply Company. (See Notley, Joseph H., assignor.)
Brauer, Magdalene, née Naumann, et al. (See Brauer, Gerhard.)
Brauer, Magdalene, née Naumann, et al. (See Brauer, G., and Ruska.)
Brauer, Richard, et al. (See Brauer, Gerhard and R.)
Brauer, Richard, et al. (See Brauer, G., and Ruska.)
Brauer, Rudolph. (See Ericson, E. W., and Brauer.)
Brauer, Walter, Oklahoma City, Okla. Brake. 2,151,892; Mar. 28.
Brauer, Walter, Oklahoma City, Okla. Brake. 2,151,893; Mar. 28.
Brauer, Walter, Oklahoma City, Okla. Well pump. 2,171,171; Aug. 29.
Brauer, Walter, Oklahoma City, Okla. Motor. 2,177,976; Oct. 31.
Brauer, Walter, Oklahoma City, Okla. Motor. 2,177,977; Oct. 31.
Brauer, Walter, Oklahoma City, Okla. Valve locking device. 2,182,278; Dec. 5.
Braun, Alfred, assignor to Felten & Guilleaume Carlswerk Actien-Gesellschaft, Cologen-Mulheim, Germany. Air space insulated signaling cable. 2,157,475; May 9.
Braun, Alfred, Cologne, assignor to Felten & Guilleaume Carlswerk Actien-Gesellschaft, Cologne-Mulheim, Germany. Process of and apparatus for manufacturing helices. 2,164,679; July 4.
Braun, Bernd. (See Herrmann, W. O., Braun, and Haehnel.)
Braun, Carl, Inc. (See Williams, Lester J., assignor.)
Braun, Fanz, Aktiengesellschaft. (See Gastrow, Hans, assignor.)
Braun, Géza, assignor to Standard Brands Incorporated, New York, N. Y. Glutamic acid production. 2,176,785; Oct. 17.
Braun, Julius, et al. (See Hunold, James L., assignor.)
Braun, Karl, Frohnau, near Berlin, and R. Rosenbusch, Dahlem, near Berlin, assignors to J. D. Riedel-E. de Haen Aktiengesellschaft, Berlin-Britz, Germany. Manufacture of fluid phosphatide preparations. 2,168,468; Aug. 8.
Braun, Robert C., Clifton, assignor to Jacques Wolf & Co., Passaic, N. J. Preparation of vegetable gum solutions. 2,144,522; Jan. 17.
Braun, Sylvan, assignor to The Enterprise Manufacturing Company of Pennsylvania, Philadelphia, Pa. Food chopper. 2,181,780; Nov. 28.
Braun, Willy, Mannheim, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Compounds of the pyrimidine series. 2,154,889; Apr. 18.
Braungart, Fridolin, Bakersfield, Calif. Flow control mechanism. 2,176,243; Oct. 17.
Brauning, Karl A., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Padlock. 2,154,660; Apr. 18.
Brauning, Karl A., assignor to The Yale & Towne Manufacturing Co., Stamford, Conn. Tubular lock. 2,175,791; Oct. 10.
Braunschweig, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electric condenser. 2,171,231; Aug. 29.
Braunsdorf, Otto. (See Eckert, W., and Braunsdorf.)

Braunstein, Roger, assignor to Societe Anonyme des Anciens Etablissements Braunstein Freres, Paris, France. Manufacturing cigarette paper. 2,145,151; Jan. 24.
Braus, Karl. (See Baehr, H., and Braus.)
Brave, Peter H., Los Angeles, Calif. Fabric protecting shoe for steam irons. 2,161,009; June 6.
Bray, Albright, River Forest, assignor to Armstrong-Bray & Co., Chicago, Ill. Belt hook holder and mounting hooks thereon. 2,156,966; May 2.
Bray, Albright, River Forest, assignor to Armstrong-Bray & Co., Chicago, Ill. Belt hook holder. 2,164,049; June 27.
Bray, John R., East Williston, assignor to Otis Elevator Company, New York, N. Y. Ladder for elevator car emergency exits. 2,148,099; Feb. 21.
Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Separation of wax from oil. 2,167,970; Aug. 1.
Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Spray oil. 2,183,781; Dec. 19.
Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Desulphurizing oil. 2,183,782; Dec. 19.
Bray, Ulric B., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Lubricating oil. 2,183,783; Dec. 19.
Bray, Ulric B., Palos Verdes Estates, and L. B. Beckwith, San Pedro, assignors to Union Oil Company of California, Los Angeles, Calif. Emulsions and producing the same. 2,166,541; July 18.
Bray, William N. (See Lane, H., and Bray.)
Bray, William N., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping uppers over lasts. 2,142,234; Jan. 3.
Bray, William N., Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Lasting machine. 2,183,666; Dec. 19.
Bray, William N., and F. Barton, Leicester, England, assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Breast flap clamping machine. 2,182,011; Dec. 5.
Brayton, Harold M., Westfield, N. J. Combination projectile fuse. 2,173,620; Sept. 19.
Brazeale, Jelks M., assignor of one-half to L. S. Dunaway, Conway, Ark. Hand saw. 2,143,757; Jan. 10.
Brazell, John J., assignor to E. L. Thompson Chair Corporation, Baldwinsville, Mass. Chair tray. 2,177,297; Oct. 24.
Brazelton, Roy M., Chicago, Ill., assignor to American Telephone and Telegraph Company. Telephone system. 2,143,971; Jan. 17.
Brazier, Leslie G. (See Hunter, P. V., Brazier, and Hill.)
Breadner, Robert L., Kenton, and A. G. Pearce, North Wembley, England, assignors to General Electric Company. Gaseous electric discharge device. 2,162,546; June 13.
Breakey, George B., Brooklyn, N. Y., assignor to Tybrick Corporation. Building brick and wall. 2,162,417; June 13.
Breakstone Bros., Inc. (See Gold, Herman, assignor.)
Brearley Company, The. (See Sutton, John C., assignor.)
Brebeck, Charles, Herkimer, N. Y. Internal combustion engine. 2,179,683; Nov. 14.
Brecht, August F., assignor to General Motors Corporation, Detroit, Mich. Internal combustion engine. 2,179,709; Nov. 14.
Brecht, Winston A., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Brush holder. 2,179,279; Nov. 7.
Brecht, Winston A., and F. L. Alben, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric vehicle truck. 2,154,262; Apr. 11.
Breckel, Edward P. (See Miller, S. J., Sway and Breckel.)
Brecknock, Howard. (See Williams, G. A., and Brecknock.)
Brede, Hans. (See Türk, J., and Brede.)
Bredehoft, Harold A., Millington, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,180,334; Nov. 21.
Breed, Alfred V., assignor to Curtis Machine Corporation, Jamestown, N. Y. Abrading device. 2,166,676; July 18.
Breed, Everett M. (See Quick, R. S., Karnasch, and Breed.)
Breed, Frank, and L. E. Harris, Lincoln, Nebr., assignors to Norden Laboratories. Therapeutic preparation. 2,144,830; Jan. 24.
Breene-Taylor Engineering Corp. (See Roberts, Bruce, assignor.)
Breer, Carl, Grosse Pointe Park, assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle power transmission. 2,159,316; May 23.
Breer, Carl, Grosse Pointe Park, and C. A. Tea, assignors to Chrysler Corporation, Detroit, Mich. Cushion testing apparatus. 2,154,561; Apr. 18.
Breerwood, Charles H., Narberth, Pa., assignor to Separation Process Company. Cement manufacture. 2,144,254; Jan. 17.
Breerwood, Charles H., Narberth, Pa., assignor to Separation Process Company. Flotation of fine oxide ore minerals. 2,162,525; June 13.
Breerwood, Charles H., Narberth, and J. C. Williams, Catasauqua, Pa., assignors to Separation Process Company. Manufacture of cement. 2,161,010; June 6.
Breerwood, Charles H., Narberth, and J. C. Williams, Catasauqua, Pa., assignors to Separation Process Company. Manufacture of cement. 2,161,011; June 6.
Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Draft regulator. 2,152,301; Mar. 28.
Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Burner for liquid fuels. 2,166,231; July 18.
Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Burner for liquid fuel. 2,169,755; Aug. 15.
Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Hydrocarbon burner. 2,179,142; Nov. 7.
Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Burner for liquid fuel. 2,179,610; Nov. 14.
Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Burner for liquid fuel. 2,181,261; Nov. 28.
Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Burner for liquid fuel. 2,182,465; Dec. 5.
Breese, James L., assignor to Oil Devices, Santa Fe, N. Mex. Burner for liquid fuel. 2,182,466; Dec. 5.
Breese, Robert P. (See Kliesrath, V. W., and Breese.)
Breese, Robert P., New York, N. Y., assignor to Bendix Products Corporation, South Bend, Ind. Gearshift mechanism. 2,179,710; Nov. 14.
Breeze Corporations. (See Gardner, Frank G., assignor.)
Breeze Corporations. (See Gorshkoff, Alexis S., assignor.)
Breeze Corporations, Inc. (See Gardner, Frank G., assignor.)
Breeze Corporations, Inc. (See Mascuch, J. H., and Gorshkoff, assignors.)
Bregman, Harry, assignor to the Steel Stamping Company, Lorain, Ohio. Toy telephone with television effect. 2,159,839; May 23.
Breisch, Edgar W., Lancaster, N. Y., assignor to National Battery Company, St. Poul, Minn. Post sealing device for storage battery cells. 2,151,650; Mar. 21.
Breisch, Edgar W., Lancaster, N. Y., assignor to National Battery Company, St. Paul, Minn. Industrial truck and tractor battery charger. 2,158,979; May 16.
Breisch, Edgar W., Lancaster, N. Y., assignor to National Battery Company, St. Paul, Minn. Charging control device for batteries. 2,172,815; Sept. 12.
Breitbach, Fritz, assignor to Carl Still Gesellschaft mit beschränkter Haftung, Recklinghausen, Germany. Coke oven. 2,162,834; June 20.
Breitenstein, Charles J., assignor to R. T. Moloney, Chicago, Ill. Game device. 2,144,240; Jan. 17.
Breitenstein, Charles J., assignor to R. T. Maloney, Chicago, Ill. Switch structure. 2,168,057; Aug. 1.
Breitenstein, Charles J., and A. F. Chouinard, assignors to R. T. Moloney, Chicago, Ill. Score registering device. 2,155,929; Apr. 25.
Breitenstein, Charles J., and D. E. Hooker, assignors to R. T. Moloney, Chicago, Ill. Shooting-gallery game. 2,161,012; June 6.
Breitenstein, Victor W., assignor to Illinois Testing Laboratories, Inc., Chicago, Ill. Metal detection device. 2,179,240; Nov. 7.
Breither, Robert H., assignor to R. T. Moloney, Chicago, Ill. Anticheat device for games, etc. 2,178,276; Oct. 31.
Breitling, Ernst, Berlin-Tempelhof, Germany, assignor to The National Cash Rigister Company, Dayton, Ohio. Locking means for levers. 2,161,850; June 13.
Breitling, Ernst, Berlin-Tempelhof, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Cash register, accounting, and the like machine. 2,166,459; July 18.
Breitling, Ernst, Berlin-Tempelhof, and H. Schwenk, Berlin, Germany, assignors to The National Cash Register Company, Dayton, Ohio. Cash register, accounting, and the like machine. Re. 21,078; May 16.
Breitling, Ernst, and H. Schwenk, Berlin, Germany, assignors to The National Cash Register Company, Dayton, Ohio. Accounting or the like machine. 2,142,346; Jan. 3.
Brekke, Marshall T., Scarsdale, assignor to Northam Warren Corporation, New York, N. Y. Emery board and assembled unit of the same. 2,183,930; Dec. 19.
Brell, Jules J., New York, N. Y., assignor to O-Cedar Corp'n, Chicago, Ill. Mop shaking device. 2,185,101; Dec. 26.
Brelsford, Harry E. (See Thomas, W. P., Howse, Brelsford, and Bowers.)
Brelsford, Harry E., Birmingham, C. L. Howse, and F. Bowers, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Soot blower. 2,142,778; Jan 3.
Brelsford, William E., assignor of one-third to K. A. Davis, Mendota, Ill. Plowshare structure. 2,153,451; Apr. 4.
Bremer, Clarence, Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Odorless, tasteless, resin and producing same. 2,176,415; Oct. 17.
Bremer, Fredrick J., assignor to The Mosler Safe Company, Hamilton, Ohio. Protective device. 2,171,263; Aug. 29.
Bremicker, Walter, Wuppertal-Barmen, Germany. Molding machine and mold for the centrifugal casting of annular bodies. 2,159,073; May 23.
Brenbarger, William V., Bell, and J. F. Van Lueven, Los Angeles, Calif. Film supporting and driving means. 2,146,170; Feb. 7.

Brendlin, Adolf, Knapsack, Bezirk Cologne, Germany. High-pressure bellows structure. 2,173,678; Sept. 19.
Breneman, Chas. W., Company, The. (See Sarran, Wallace E., assignor.)
Brenkert, Karl, assignor to Brenkert Light Projection Company, Detroit, Mich. Electrode feeding mechanism. 2,168,697; Aug. 8.
Brenkert, Karl, assignor to Brenkert Light Projection Company, Detroit, Mich. Transformer-rectifier assembly. 2,171,643; Sept. 5.
Brenkert Light Projection Company. (See Brenkert, Karl, assignor.)
Brenn, Carl W., Montclair, assignor to Autographic Register Company, Hoboken, N. J. Manifolding. 2,159,500; May 23.
Brenn, Carl W., Montclair, assignor to Autographic Register Company, Hoboken, N. J. Manifolding machine. 2,159,501; May 23.
Brenn, Carl W., Montclair, assignor to Autographic Register Company, Hoboken, N. J. Manifolding. 2,169,994; Aug. 22.
Brenn, Carl W., Montclair, assignor to Autographic Register Company, Hoboken, N. J. Manifolding. 2,178,096; Oct. 31.
Brenn, Carl W., Montclair, assignor to Autographic Register Company, Hoboken, N. J. Making continuous manifolding stationery. 2,181,117; Nov. 28.
Brenn, Carl W., Montclair, N. J., and C. A. Meisel, Boston, Mass. Printing press. 2,167,022; July 25.
Brennan, Daniel A., Chicago, Ill. Fastener. 2,148,255; Feb. 21.
Brennan, Daniel A., Chicago, Ill. Perforating device. 2,149,268; Mar. 7.
Brennan, Daniel A., Chicago, Ill. Fastener. 2,184,276; Dec. 26.
Brennan, Joseph B., Fort Wayne, Ind. Cathode for electrolytic devices. 2,154,026; Apr. 11.
Brennan, Joseph B., Fort Wayne, Ind. Electrolytic device and making same. 2,154,027; Apr. 11.
Brennan, Martin M., Chicago, Ill. Appliance for protecting portions of a shoe during cleaning or polishing. 2,170,652; Aug. 22.
Brennan, Raymond F., Attleboro, Mass. Ecclesiastical device. 2,158,531; May 16.
Brennecke, Walter. (See Kleine, J., and Brennecke.)
Brenneis, Louis, C. L. Najera, and J. F. Schuck, Oxnard, Calif., assignors, by mesne assignments, to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Disk harrow. 2,166,678; July 18.
Brenneman, Milton B., Davenport, Iowa. Water catcher for fishing reels. 2,154,122; Apr. 11.
Brenner, Carl. (See Green, W. T., and Brenner.)
Brenner, Eve, et al. (See Brenner, Robert R., assignor.)
Brenner, George P., Milwaukee, Wis. Fitting artificial dentures. 2,183,512; Dec. 12.
Brenner, Hugo L., Kirkwood, assignor to Barrett Equipment Company, St. Louis, Mo. Tool. 2,166,089; July 11.
Brenner, Jack L., Utica, assignor to Shuron Optical Company, Inc., Geneva, N. Y. Lens marker. 2,178,516; Oct. 31.
Brenner, Robert R., assignor to E. Brenner and R. Kaiser, Milwaukee, Wis. Artificial brick corner construction. 2,169,136; Aug. 8.
Brenner, Tod, Youngstown, Ohio. Exhaust scavenger. 2,161,895; June 13.
Brent & Company. (See Brent, Ned W., assignor.)
Brent, George F., Pittsburgh, Pa. Window shade. 2,160,118; May 30.
Brent, George R., Beaumont, Tex. Cooling and air circulating attachment for automobiles. 2,182,716; Dec. 5.
Brent, Ned W., assignor to Brent & Company, Inc., Paris, Ky. Trailer hitch connection. 2,178,467; Oct. 31.
Brenzinger, Julius, Fairfield, Conn. Work holder. 2,160,954; June 6.
Brenzinger, Julius, Fairfield, Conn. Making can bodies. 2,183,738; Dec. 19.
Brenzinger, Julius, Fairfield, assignor to The Max Ams Machine Company, Bridgeport, Conn. Seaming machine. 2,177,382; Oct. 24.
Breon, George A., & Company. (See Sondern, C. W., and Doak, assignors.)
Breslow, Ben B. (See Quave, O. E., and Breslow.)
Bresnahan, George T., Iowa City, Iowa. Starting block. 2,144,962; Jan. 24.
Bresser, Heinrich, assignor to M. Bresser, Cologne-Mulheim, Germany. Colored picture projector. 2,151,735; Mar. 28.
Bresser, Maria. (See Bresser, Heinrich, assignor.)
Bressler, Robert E., assignor to Kol-Master Corporation, Oregon, Ill. Stoker structure. 2,160,641; May 30.
Bressler, Robert E., assignor to Kol-Master Corporation, Oregon, Ill. Stoker mechanism. 2,163,370; June 20.
Bressler, Robert E., assignor to Kol-Master Corporation, Oregon, Ill. Circuit control. 2,173,157; Sept. 19.
Breth, Ferdinand W., Petrolia, Pa., assignor to L. Sonneborn Sons, Inc. Refining lubricating oils. 2,170,628; Aug. 22.
Breth, Maximilian, Ozone Park, N. Y. End gripper for cloth laying machines. 2,162,879; June 20.
Breth, Maximilian, Ozone Park, N. Y. Cloth laying machine. 2,175,823; Oct. 10.
Breth, Walter J., Akron, and W. C. McCoy, Shaker Heights, assignors to The General Tire & Rubber Company, Akron, Ohio. Apparatus for expanding a tire carcass and inserting an air bag therein. 2,171,424; Aug. 29.
Bretholtz Manufacturing Company. (See Bretholtz, Nathan, assignor.)
Bretholtz, Nathan, assignor to Bretholtz Manufacturing Company, Worcester, Mass. Grading machine. 2,175,175; Oct. 10.
Bretschneider, Otto. (See Seliger, H., and Bretschneider.)
Bretschneider, Otto. (See Seliger, H., Bretschneider, Hubald, Krüger, and Truglitzka.)
Brett, George F. (See Rust, N. M., and Brett, assignors.)
Brett, George F., London, England, assignor to Radio Corporation of America. Cathode ray tube. 2,172,530; Sept. 12.
Brett, George F., London, and G. B. Banks, Essex, England, assignors to Radio Corporation of America. Cathode ray tube. 2,171,970; Sept. 5.
Brett, Thomas J., and E. A. Gibbons, Chicago, Ill. Volume and velocity control damper. 2,142,665; Jan. 3.
Bretz, John S., Detroit, Mich. Highway and stock gate for railroads. 2,184,207; Dec. 19.
Bretzlaff, Walter H., Detroit, Mich., and C. P. Grimes, Syracuse, N. Y. Segregated pressure fan. 2,176,324; Oct. 17.
Bretzlaff, Walter H., Detroit, Mich., and C. P. Grimes, Syracuse, N. Y. Fluid impelling means. 2,176,325; Oct. 17.
Breuer, Adam A., assignor to Breuer Electric Mfg. Co., Chicago, Ill. Suction cleaner motor construction. 2,172,135; Sept. 5.
Breuer, Adam A., assignor to Breuer Electric Mfg. Co., Chicago, Ill. Cleaning tool for blind slats. 2,178,849; Nov. 7.
Breuer Electric Mfg. Co. (See Breuer, Adam A., assignor.)
Brewer, Alden R., Spokane, Wash. Hydraulic ejector. 2,146,790; Feb. 14.
Brewer, Arthur S. (See Christie, L. M., Wanner and Brewer.)
Brewer, Arthur S., assignor to National Fireproofing Corporation, Pittsburgh, Pa. Composite building member. 2,184,137; Dec. 19.
Brewer, Charles A., Noroton Heights, Conn., assignor of one-half to P. J. Kury, Arverne, N. Y. Control system for motor vehicles. 2,157,588; May 9.
Brewer, Charles A., Noroton Heights, Conn., assignor of one-half to P. J. Kury, Arverne, N. Y. Control mechanism for motor vehicles. 2,164,897; July 4.
Brewer, Charles A., Noroton Heights, Conn., assignor to Bendix Products Corporation, South Bend, Ind. Vacuum cleaner. 2,184,731; Dec. 26.
Brewer, Charles A., Noroton Heights, Conn., assignor to Bendix Products Corporation, South Bend, Ind. Vacuum cleaner. 2,184,732; Dec. 26.
Brewer, John G., Piedmont, Mo. Liquid container. 2,170,007; Aug. 22.
Brewer, John H. (See Carski, T. J., and Brewer.)
Brewer, Nicholas L., Agawam, Mass., assignor to Savage Arms Corporation, New York, N. Y. Rebounding striker construction for firearms. 2,173,576; Sept. 19.
Brewer, Pearl H. (See Kraybill, H. R., Brewer, and Thornton.)
Brewer, Pearl H., and H. R. Kraybill, assignors to Purdue Research Foundation, West Lafayette, Ind. Adsorbent and drying agent and producing it. 2,176,851; Oct. 17.
Brewer, William, Upper Edmonton, London, assignor to Sparklets Limited, Westminster, England. Siphon for aerated liquids. 2,170,705; Aug. 22.
Brewer, William, Upper Edmonton, assignor to Sparklets Limited, Westminster, England. Spraying apparatus for dental, medical, and like purposes. 2,182,742; Dec. 5.
Brewer-Titchener Corporation, The. (See Johannsen, Udo K., assignor.)
Brewer-Titchener Corporation, The. (See Wenn, Floyd D., assignor.)
Brewster, Charles L. (See Black, W. G., and Brewster.)
Brewster Company, The. (See Boyd, William E., assignor.)
Brewster, Henry, New York, N. Y. Automobile construction. 2,164,150; June 27.
Brewster, Henry, New York, N. Y. Waist band construction. 2,180,346; Nov. 21.
Brey, Rudolf, Coswig, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Making electric heating units. 2,175,824; Oct. 10.
Breyer, Felix, Hanover, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Detecting high-frequency oscillations. 2,166,124; July 18.
Breyley, Edward W., Cleveland, Ohio. Friction car stop. 2,170,008; Aug. 22.
Broza, Paul, Chesapeake City, Md. Pipe jack. 2,161,013; June 6.
Briand, Henry, Paris, France. Device for regulating the action of brakes. 2,169,519; Aug. 15.
Brice, Louis P., assignor to Societe Anonyme: La Parvi Hydraulique, Paris, France. Reinforced concrete tank. 2,177,859; Oct. 31.
Brice, Norman E. (See Bowers, H. L., and Brice.)

Brick-V-Neer Sales Company. (See Willson, Lester E., assignor.)
Brickman, Alan E., Rostravor Township, Westmoreland County, Pa., and G. A. Gleason, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Flexible conduit with end fittings. Re. 21,006; Feb. 21.
Brickman, Alan E., and G. A. Gleason, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Making rail bonds. 2,151,292; Mar. 21.
Brickman, Alan E., Donora, Pa., and G. A. Gleason, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Harness cord for looms. 2,152,397; Mar. 28.
Brickman, Alan E., and G. A. Gleason, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Rope coupling. 2,157,227; May 9.
Brickman, Alan E., and G. A. Gleason, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Joint. 2,162,467; June 13.
Brickman, Alan E., Worcester, Mass., and L. S. Platou, Southington, Conn., assignors to The American Steel and Wire Company of New Jersey. Bending machine. 2,178,926; Nov. 7.
Brickman, Frank O. (See Mitford, A. T., and Brickman.)
Briddell, Charles D., Crisfield, Md. Attachment for animal traps. 2,146,464; Feb. 7.
Bridge, Adam E., Franklin, assignor to The Black-Clawson Company, Hamilton, Ohio. Roll for Jordan type paper pulp refiners. 2,146,791; Feb. 14.
Bridge, Adam E., Franklin, assignor to The Black-Clawson Company, Hamilton, Ohio. Paper machinery. 2,164,445; July 4.
Bridge, George L., Ladue Village, Mo. Stove. 2,149,835; Mar. 7.
Bridgeport Brass Company. (See Abercrombie, Charles W., assignor.)
Bridgeport Brass Company. (See Broecker, Lewis C., assignor.)
Bridgeport Brass Company. (See Cotter, William W., Sr., assignor.)
Bridgeport Brass Company. (See Stapley, Philip H., assignor.)
Bridgeport Metal Goods Manufacturing Company, The. (See Abbotts, Leonard, assignor.)
Bridgeport Metal Goods Manufacturing Company, The. (See Fullmer, Giles C., assignor.)
Bridgeport Thermostat Company. (See Macdonald, William F., assignor.)
Bridgeport Thermostat Company. (See Rapuano, Anthony D., assignor.)
Bridges, Charles P., Dedham, Mass. Material treating apparatus. 2,152,238; Mar. 28.
Bridges, Frank R., Needham, and F. E. Weld, Newton, assignors to The Gamewell Company, Newton Upper Falls, Mass. Fire alarm system. 2,165,174; July 4.
Bridgewater, Buford V. (See Taylor, Harry R., assignor.)
Bridgman, Boyd H., Spartanburg, S. C. Dagger lifter for looms. 2,154,123; Apr. 11.
Briefer, Caesar J., New York, N. Y. Electric lamp and making the same. 2,151,686; Mar. 28.
Brieff, Adolph, Brooklyn, N. Y. Evening wrap. 2,155,077; Apr. 18.
Briegel, Theodore, Galva, Ill. Thread cutting tool. 2,177,091; Oct. 24.
Brierley, Abraham W., and N. Dunkerley, Monkseaton, and J. Hunter, Newcastle-on-Tyne, England. Device for delivering milk bottles or the like. 2,158,397; May 16.
Briese, Fritz, assignor to O. Steffen, Apparatebau, Soest, Germany. Universal joint. 2,149,907; Mar. 7.
Briggs, George L. (See Robertson, D. D., and Briggs.)
Briggs, George L., Oneida, N. Y. Skid chain applying mechanism. 2,157,687; May 9.
Briggs, Guy L., St. Marys, Ohio. Humidifying apparatus. 2,181,650; Nov. 28.
Briggs, Henry C., Brooklyn, N. Y. Steering mechanism for water and aircraft. 2,154,321; Apr. 11.
Briggs, Henry C., Brooklyn, N. Y. Safety mechanism for improving the dirigibility of ships, submarines, and aircraft. 2,178,555; Nov. 7.
Briggs, James H., Poughkeepsie, N. Y. Fire escape. 2,147,624; Feb. 21.
Briggs, Joseph A., Erlton, N. J., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Assembling and welding loudspeaker parts. 2,179,398; Nov. 7.
Briggs Manufacturing Company. (See Ball, Albert P., assignor.)
Briggs Manufacturing Company. (See Coordes, Harry G., assignor.)
Briggs Manufacturing Company. (See Klotsch, Paul, assignor.)
Briggs Manufacturing Company. (See Marshall, William, assignor.)
Briggs Manufacturing Company. (See Marshall, W., and Camiener, assignors.)
Briggs Manufacturing Company. (See Platz, Henry T., assignor.)
Briggs Manufacturing Company. (See Prance, Alvin W., assignor.)
Briggs Manufacturing Company. (See Steele, C. J., and Troeger, assignors.)
Briggs Manufacturing Company. (See Tjaarda, John, assignor.)
Briggs Manufacturing Company. (See Wetzel, Edward A., assignor.)
Briggs Manufacturing Company. (See Zablocki, Eugene C., assignor.)
Briggs, Merton B., assignor to I. A. Simon, Pittsburgh, Pa. Steering stabilizer. 2,151,851; Mar. 28.
Briggs, Peleg B., Ashway, R. I., assignor to The Atwood Machine Company, Stonington, Conn. Retainer wire for thread guides. 2,158,609; May 16.
Briggs, Robert A., Jr., West Hartford, Conn. Dust collector. 2,154,661; Apr. 18.
Briggs, Robert E., Columbus, Ohio, assignor to Jeffrey Manufacturing Company. Take-up mechanism. 2,149,723; Mar. 7.
Briggs, Robert E., Rocky Ford, Colo. Varying the pH value of solutions. 2,159,074; May 23.
Briggs, Robert E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Conveyer. 2,160,534; May 30.
Briggs, Robert E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Conveyer. 2,160,535; May 30.
Briggs, Robert W., Pharr, Tex. Machine for dressing rough surfaces. 2,153,609; Apr. 11.
Briggs, Robert W., Pharr, Tex. Grubbing implement. 2,154,970; Apr. 18.
Briggs & Stratton Corporation. (See Fitz Gerald, John W., assignor.)
Briggs & Stratton Corporation. (See Jacobi, Edward M., assignor.)
Briggs & Stratton Corporation. (See Jacobi, Edward N., assignor.)
Briggs, Wade. (See Milburn, R., and Briggs.)
Briggs, Walter H., assignor to Burman & Sons Limited, Birmingham, England. Motor vehicle steering mechanism. 2,145,751; Jan. 31.
Brigham, Arthur E. (See Sawdon, V. J., and Brigham.)
Brigham, Dwight S., Newton, Mass., and W. J. Schwertfeger, Bogota, N. J., assignors, by mesne assignments, to The Canal National Bank of Portland, Portland, Maine, as trustee. Packing material. 2,168,317; Aug. 8.
Bright, Albert G., and W. E. Fisher, assignors to Eastman Kodak Company, Rochester, N. Y. Separation of methanol and acetone mixtures. 2,179,991; Nov. 14.
Bright, Arthur W. (See Gordon, J. J., and Bright.)
Bright, Elvin M., Dayton, assignor to J. M. Wallace, Cincinnati, Ohio, trustee. Process of and apparatus for applying nitrocellulose coating. Re. 21,045; Apr. 11.
Bright, Elvin M., Dayton, assignor to J. M. Wallace, Cincinnati, Ohio. Game. 2,152,867; Apr. 4.
Bright, Graham, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Battery charging rack. 2,145,581; Jan. 31.
Bright, Harold. (See Richards, A. F. W., and Bright.)
Brighten, Frank, London, England. Strap and buckle fastening. 2,149,663; Mar. 7.
Brightwell, Robert R., assignor to Stephano Brothers, Philadelphia, Pa. Wrapping machine. 2,144,448; Jan. 17.
Briles, Larkin, Chico, assignor of one-half to H. J. Coffee, Modesto, Calif. Fish screen. 2,162,325; June 13.
Brill, Arvel A., Ferndale, Mich. Key. 2,155,297; Apr. 18.
Brill, Arvel A., Ferndale, Mich. Key. 2,155,298; Apr. 18.
Brill, J. G., Company, The. (See Kateley, Francis W., assignor.)
Brill, Rudolf, and K. Schoenemann, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Finely divided magnetic substance. 2,179,810; Nov. 14.
Brill, William E., Cleveland, Ohio, assignor to General Motors Corporation, Detroit, Mich. Overspeed fuel injector lock for diesel engines. 2,142,172; Jan. 3.
Brillhart, Samuel E., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Treating insulated electrical conductors. 2,148,526; Feb. 28.
Brillouin, Léon Nicolas, Paris, France. Loaded electric line. 2,147,189; Feb. 14.
Brinck, Max, Berlin-Steglitz, and W. Grönebaum, Berlin-Wilmersdorf, assignors to the firm Tobis Tonbild Syndikat Aktiengesellschaft, Berlin, Germany. Adjusting device for photographic and cinematographic objectives. 2,164,695; July 4.
Brinckerhoff, James E. (See Reed, C. S., Smith, Brincherhoff, and Kohler.)
Brinckeroff, James E., Orange, N. J., A. M. Kohler and C. S. Reed, New York, and V. W. Smith, Flushing, N. Y.; said Brinckhoff and said Kohler, assignors to The Babcock & Wilcox Company, Newark, N. J., and said Reed and said Smith assignors to The Lummus Company, New York, N. Y. Panel wall construction. 2,144,598; Jan. 17.
Brinda, Steven S., Minneapolis, Minn. Electric motor. 2,176,118; Oct. 17.
Bringe, Walter A., New Hartford, N. Y. Tunable reed for accordions. 2,162,835; June 20.
Brink, Mary E., Grand Island, Nebr. Display apparatus. 2,157,397; May 9.
Brink, Winfield S., assignor, by mesne assignments, to The Firestone Tire & Rubber Company, Akron, Ohio. Tire rim. 2,149,205; Feb. 28.

Brink, Winfield S., assignor, by mesne assignments, to The Firestone Tire & Rubber Company, Akron, Ohio. Steel section. 2,149,757; Mar. 7.
Brink, Winfield S., assignor, by mesne assignments, to The Firestone Tire & Rubber Company, Akron, Ohio. Making steel sections. 2,159,371; May 23.
Brink, Winfield S., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tire rim. 2,164,984; July 4.
Brink, Winfield S., assignor, by mesne assignments, to The Firestone Tire & Rubber Company, Akron, Ohio. Tire rim. 2,174,616; Oct. 3.
Brinker, Emmett L., and H. J. Gray, Los Angeles, assignors of thirty per cent to A. W. Knight, South Pasadena, Calif. Apparatus for recovering metals and other substances from aqueous liquids. 2,162,909; June 20.
Brinkerhoff, George E., Washington, D. C. Type and method and apparatus for producing the same. 2,151,583; Mar. 21.
Brinkman, Albert J., Brooklyn, N. Y. Railway rail. 2,178,947; Nov. 7.
Brinkman, Earl W., assignor to Davenport Machine Tool Co., Inc., Rochester, N. Y. Automatic work forming machine. 2,182,939; Dec. 12.
Brinkman, Roy A., Oak Park, Ill. Toy. 2,158,740; May 16.
Brinkmann, Ewald, Villigst, near Schwerte, and P. Arning, Iserlohn, Germany. Arrangement for working the peripheral surfaces of grinding disks and the like. 2,161,609; June 6.
Brinkmann, Friedrich, Berlin-Charlottenburg, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Alarm device. 2,156,080; Apr. 25.
Brinkoeter, Paul H., assignor to Ed. Friedrich Inc., San Antonio, Tex. Refrigerator window. 2,179,585; Nov. 14.
Brinnon, Ethel B. (See Brinnon, Richard B. and M. D., assignors.)
Brinnon, Max D. (See Brinnon, Richard B. and M. D.)
Brinnon, Richard B. and M. D., assignors to E. B. Brinnon, Wichita, Kans. Reamer for tobacco pipes. 2,149,206; Feb. 28.
Brintnall, Harry W., assignor to Harry W. Brintnall Company, San Francisco, Calif. Conveyer speed changing device. 2,184,905; Dec. 26.
Brintnall, Harry W., Company. (See Brintnall, Harry W., assignor.)
Brinton, Christian H., Oak Park, assignor to Standard Cap and Seal Corporation, Chicago, Ill. Closure means for containers. 2,142,992; Jan. 10.
Brinton, H., Co. (See Gorman, William D., assignor.)
Brinton, H., Co. (See Horrocks, Harry S., assignor.)
Brinton, H., Company. (See Levin, Nathan, assignor.)
Brinton, Henry, Coatesville, Pa. Medicinal supplement and making. 2,179,917; Nov. 14.
Brinton, William H., Coatesville, Pa. Brooder. 2,183,472; Dec. 12.
Brintzinger, Wilhelm, Berlin-Johannisthal, Germany. Testing plant for internal combustion engines. 2,158,894; May 16.
Briod, André E., Belleville, and B. R. East, East Orange, assignors to National Oil Products Company, Harrison, N. J. Producing vitamin food products. 2,150,315; Mar. 14.
Briod, André E., Belleville, and B. R. East, East Orange, assignors to National Oil Products Company, Harrison, N. J. Vitamin concentrate and producing same. 2,150,316; Mar. 14.
Brisbane, Eugene C., Denver, Colo., assignor to S. Morgan Smith Company, York, Pa. Valve operating mechanism. 2,144,305; Jan. 17.
Brisbane, Robert E., Delhi, N. Y. Carrier for milk products. 2,158,217; May 16.
Brisbin, George W. F. (See Playfair, A. F., Brisbin, and Jordan.)
Briscoe, Henry V. A., Barnes, London, England. Cooking of drying oils and varnishes. 2,166,539; July 18.
Briscoe, James, Bridgeport, Conn., assignor to Manning, Maxwell & Moore Incorporated, New York, N. Y. Apparatus for controlling pressure fluid. 2,180,395; Nov. 21.
Briscoe, James, and J. L. Corcoran, Bridgeport, Conn., assignors to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Relief valve. 2,166,390; July 18.
Briscoe, James W., Los Angeles, Calif. Building construction. 2,176,986; Oct. 24.
Brislee, Francis J., Huyton, and R. Blackburn, assignors to British Insulated Cables Limited, Prescot, England. Electrolytic etching. 2,172,158; Sept. 5.
Brison, William R., Baytown, Tex. Oil heater. 2,148,743; Feb. 28.
Bristol Aeroplane Company Limited, The. (See Bolas, John T., assignor.)
Bristol Aeroplane Company, The. (See Fedden, A. H. R., and Norton, assignors.)
Bristol, Carlton W., Naugatuck, assignor to The Bristol Company, Waterbury, Conn. Clamping device for charts for recording instruments. 2,155,817; Apr. 25.
Bristol, Carlton W., Naugatuck, assignor to The Bristol Company, Waterbury, Conn. Resilient linkage for measuring instruments. 2,167,872; Aug. 1.
Bristol Company, The. (See Blodgett, Raymond S., assignor.)
Bristol Company, The. (See Bristol, Carlton, W., assignor.)
Bristol Company, The. (See Faust, Frederick A., assignor.)
Bristol Company, The. (See Koester, Herman, assignor.)
Bristol Company, The. (See Mabey, Arthur R., assignor.)
Bristol Company, The. (See MacLaren, Fred B., Jr., assignor.)
Bristol Company, The. (See Swarr, Jay N., assignor.)
Bristol Tramways & Carriage Company Limited, The. (See Redrup, Charles B., assignor.)
Bristow, Franciss G. W., Eastwood, near Sydney, New South Wales, Australia. Cutter for shearing machines. 2,168,189; Aug. 1.
Bristow, Otis C., Oakland, Calif. Folding table. 2,178,248; Oct. 31.
Bristow, Whiston A., and J. P. Postlethwaite, assignors to Low Temperature Carbonisation Limited, London, England. Setting of retorts for use in the distillation of solid carbonaceous substances. 2,143,972; Jan. 17.
Bristow, Whiston A., and J. P. Postlethwaite, assignors to Low Temperature Carbonisation Limited, London, England. Setting of retorts for use in the distillation of solid carbonaceous substances. 2,143,973; Jan. 17.
Brite, Frontice H., Medford, Mass., assignor to Agar Manufacturing Corporation, Whippany, N. J. Taping machine. 2,157,735; May 9.
British Acoustic Films, Ltd. (See Kolb, Otto K., assignor.)
British Acoustic Films Limited. (See Ruston, John, assignor.)
British Aluminium Company, The. (See Dickin, James H., assignor.)
British American Oil Company, The. (See Rude, Robert L., assignor.)
British Coal Distillation Limited. (See Hardy, R. D., Machen, and Aram, assignors.)
British Cotton Industry Research Association, The. (See Williams, T. C., and Shorter, assignors.)
British Electrical and Allied Industries Research Association, The. (See Daniel, Leslie H., assignor.)
British Hygienic Containers Limited. (See Franghia, Byron, assignor.)
British Insulated Cables Limited. (See Bolton, C. R., Lawrenson, Hargreaves, Clements, and Brown, assignors.)
British Insulated Cables Limited. (See Brislee, F. J., and Blackburn, assignors.)
British Insulated Cables, Limited. (See Richards, S. H., and (Clemens, assignor).)
British Non-Ferrous Metals Research Association. (See Clarke, Sydney G., assignor.)
British Oxygen Company Limited, The. (See Stephenson, Arthur, assignor.)
British Ozaphane Limited. (See Wender, Euguene J., assignor.)
British Rubber Producers' Research Association, The. (See Farmer, E. H., Stevens, and Rowe, assignors.)
Britsch, Otto C. (See Muldoon, B. F., and Britsch.)
Britt, Frank W., Jackson Heights, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Applicating apparatus and method. 2,173,959; Sept. 26.
Britt, Mark, Richmond, Va. Fruit juice extractor. 2,145,338; Jan. 31.
Brittain, Richard J., Jr., Bloomfield, N. J., assignor to General Motors Corporation, Detroit, Mich. Journal box. 2,176,244; Oct. 17.
Brittain, Richard J., Jr., Bloomfield, N. J., assignor to General Motors Corporation, Detroit, Mich. Axle and housing construction. 2,184,578; Dec. 26.
Brittain, William W., assignor of one-half to J. R. Long, Minneapolis, Minn. Shut-off device for fire hose. 2,150,262; Mar. 14.
Britter, George H., Long Beach, Calif. Fluid operated pump jack. 2,167,623; Aug. 1.
Britten, Edwin F., Jr., Short Hills, assignor to Monroe Calculating Machine Company, Orange, N. J. Listing machine. 2,164,227; June 27.
Britton, Clyde A. (See Hobson, I. H., and Britton.)
Britton, Edgar C., and W. J. Le Fevre, Midland, Mich., and E. G. Hallonquist, Shelton, Wash., assignors to The Dow Chemical Company, Midland, Mich. Preparation of alkali cellulose. 2,143,857; Jan. 17.
Britton, Edgar C., and R. L. Heindel, assignors to The Dow Chemical Company, Midland, Mich. Preparation of glycerol dichlorohydrin. 2,144,612; Jan. 24.
Britton, Edgar C., and R. P. Perkins, assignors to The Dow Chemical Company, Midland, Mich. Purification of methanol. 2,151,461; Mar. 21.
Britton, Edgar C., and C. L. Moyle, assignors to The Dow Chemical Company, Midland, Mich. Tri-(4-tertiary-alkyl-1.2-Phenylene) phosphates. 2,151,680; Mar. 28.
Britton, Edgar C., and C. L. Moyle, assignors to The Dow Chemical Company, Midland, Mich. N-substituted-2-amino nitro-phenols. 2,155,356; Apr. 18.
Britton, Edgar C., and C. L. Moyle, assignors to The Dow Chemical Company, Midland, Mich. Methallyl cinnamate. 2,155,856; Apr. 25.
Britton, Edgar C., F. B. Smith, J. E. Livak, and W. W. Sunderland, assignors to The Dow Chemical Company, Midland, Mich. Arylamino-derivatives of 2,4-dinitro phenol. 2,158,956; May 16.
Britton, Edgar C., C. W. Davis, and F. L. Taylor, assignors to The Dow Chemical Company, Midland, Mich. Vinylidene chloride co-polymers. 2,160,940; June 6.

Britton, Edgar C., C. W. Davis, and F. L. Taylor, assignors to The Dow Chemical Company, Midland, Mich. Vinylidene chloride co-polymers. 2,160,941; June 6.

Britton, Edgar C., C. W. Davis, and F. L. Taylor, assignors to The Dow Chemical Company, Midland, Mich. Vinylidene chloride co-polymers. 2,160,942; June 6.

Britton, Edgar C., and C. W. Davis, assignors to The Dow Chemical Company, Midland, Mich. Vinylidene chloride co-polymers. 2,160,943; June 6.

Britton, Edgar C., and F. L. Taylor, assignors to The Dow Chemical Company, Midland, Mich. Vinylidene chloride co-polymers. 2,160,946; June 6.

Britton, Edgar C., H. S. Nutting, and P. S. Petrie, assignors to The Dow Chemical Company, Midland, Mich. Corrosion inhibitor. 2,164,564; July 4.

Britton, Edgar C., H. S. Nutting, and P. S. Petrie, assignors to The Dow Chemical Company, Midland, Mich. Rust inhibitor. 2,164,565; July 4.

Britton, Edgar C., and G. H. Coleman, assignors to The Dow Chemical Company, Midland, Mich. Separation of allyl alcohol from wood spirits residue. 2,176,055; Oct. 17.

Britton, Edgar C., and C. L. Moyle, assignors to The Dow Chemical Company, Midland, Mich. Methallyl phosphates. 2,176,416; Oct. 17.

Britton, Edgar C., and F. N. Alquist, assignors to The Dow Chemical Company, Midland, Mich. Preparation of pentachlorophenol. 2,176,417; Oct. 17.

Britton, Edgar C., Midland, Mich., H. B. Marshall, Toronto, Ontario, Canada, and C. W. Davis, assignors to The Dow Chemical Company, Midland, Mich. Composition for preparing polystyrene films. 2,179,975; Nov. 14.

Britton, Edgar C., and G. H. Coleman, assignors to The Dow Chemical Company, Midland, Mich. Hydrolysis of 1,3-dihalo-isobutanes. 2,181,297; Nov. 28.

Britton, Edgar C., and F. Bryner, assignors to The Dow Chemical Company, Midland, Mich. Manufacture of phenol-ketone condensation products. 2,182,308; Dec. 5.

Britton, Edgar C., and C. L. Moyle, assignors to The Dow Chemical Company, Midland, Mich. Organic phosphates. 2,182,309; Dec. 5.

Britton, John G., Lansdowne, Pa. Sound absorbent plastic compositions. 2,182,535; Dec. 5.

Britton, Joseph W., R. F. Prescott, and R. C. Dosser, assignors to The Dow Chemical Company, Midland, Mich. Preservation and utilization of styrene. 2,166,125; July 18.

Britton, Joseph W., G. H. Coleman, and B. C. Hadler, assignors to The Dow Chemical Company, Midland, Mich. Preparation of beta-phenylethyl alcohol. 2,185,141; Dec. 26.

Britton, Loren D., Mishawaka, and E. J. Hardig, assignors to The Studebaker Corporation, South Bend, Ind. Vehicle suspension system. 2,177,934; Oct. 31.

Brixner, Frederick W., Gates, assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,176,040; Oct. 10.

Brizard, Maxime J., San Francisco, Calif. Drying apparatus for label machines. 2,177,016; Oct. 24.

Brizzolara, Robert T., New Dorp, N. Y. Refrigeration method and apparatus. 2,159,251; May 23.

Broadfield, Ward H., Scarsdale, N. Y., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Cleaning sheet metal and the like. 2,158,063; May 16.

Broadhurst, Frank S., Watertown, Mass., assignor to De Laval Steam Turbine Company, Trenton, N. J. Priming system for centrifugal pumps. 2,144,613; Jan. 24.

Broadman, Louis, East Cleveland, Ohio. Take-up device for automobile wheel supporting structures. 2,153,168; Apr. 4.

Broadwin, David, New York, N. Y. Tiling. 2,175,660; Oct. 10.

Brobst, David R., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric conductor. 2,178,365; Oct. 31.

Broche, Hans. (See Pott, A., and Broche.)

Brock, Albert L., Buffalo, Wyo. Auxiliary accelerator pedal. 2,163,571; June 27.

Brock, Clarence A., assignor, by mesne assignments, to Rexair, Inc., Detroit, Mich. Nozzle for vacuum cleaners. Re. 21,256; Nov. 7, 1939.

Brock, Clarence A., assignor, by mesne assignments, to Rexair, Inc. Vacuum cleaner. 2,158,717; May 16.

Brock, Clarence A., assignor to Rexair, Inc., Detroit, Mich. Vacuum cleaner construction. 2,171,843; Sept. 5.

Brock, Clarence A., assignor to Rexair, Inc., Detroit, Mich. Filter structure for vacuum cleaners. 2,173,960; Sept. 26.

Brock, Denis T., assignor to Automotive Products Company Limited, London, England. Braking system for vehicles. 2,148,256; Feb. 21.

Brock, Emil, Rockville Centre, N. Y. Buffer for seat covers. 2,147,364; Feb. 14.

Brock, Harold W., Milwaukee, Wis., assignor to C. E. Rogers Company, Detroit, Mich. Vacuum pan for condensing milk products. 2,149,954; Mar. 7.

Brock, Henry Y., Jr., assignor to The Baltimore Salesbook Company, Baltimore, Md. Sales-slip holder. 2,175,950; Oct. 10.

Brock, Maynor D., Kansas City, Mo. Safety razor. 2,174,617; Oct. 3.

Brock, Otti J., Vincennes, Ind. Stone sawing machine. 2,165,335; July 11.

Brock, Richard E., Ambridge, Pa. Tube rolling mill. 2,179,918; Nov. 14.

Brock, William A., Chicago, Ill. Toy pistol. 2,142,300; Jan. 3.

Brockett, Thomas K., Iola, Kans. Safety car bumper apparatus. 2,159,651; May 23.

Brockman, James R., St. Louis, Mo. Electric socket. 2,175,245; Oct. 10.

Brockman, Sanford C. (See Medley, R. S., and Owen, assignors.)

Brockway Motor Company. (See Piroumoff, G. S., and Cross, assignors.)

Brodbeck, Almer H. (See Stockstrom, A., and Brodbeck.)

Broder, Louis, Providence, R. I. Collar. 2,182,486; Dec. 5.

Broder, Reuben. (See Boggero, L., and Broder.)

Broderick, Aubrey E., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Hydroxyalkylation of cellulose and derivatives. 2,173,470; Sept. 19.

Broderick, Aubrey E., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Hydroxylakylation of cellulose. 2,173,471; Sept. 19.

Broderick Company, The. (See Smith, V. W., and Wolf, assignors.)

Brodersen, Karl. (See Maier-Bode, H., Brodersen, and Bohncke.)

Brodersen, Karl, Dessau in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Pigment pastes. 2,160,119; May 30.

Brodersen, Karl, and M. Quaedvlieg, Dessau in Anhalt, assignors, to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Artificial silk fabric. 2,142,688; Jan. 3.

Brodersen, Max M., Alhambra, and L. O. Bird, Glendale, Calif.; said Brodersen assignor to said Bird. Heavy duty scraper. 2,168,318; Aug. 8.

Brodersen, Max M., Alhambra, and L. O. Bird, Glendale, Calif.; said Brodersen assignor to said Bird. Heavy duty scraper. 2,168,319; Aug. 8.

Brodesser, Roman A., Chevy Chase, Md. Dispensing container. 2,157,476; May 9.

Brodie, Ralph N., Company. (See Meyers, Leo L., assignor.)

Brodsky, Frank, New York, N. Y. Filling and sealing device for containers. 2,167,624; Aug. 1.

Brodsky, Frank, New York, N. Y. Magnifying glass renting device. 2,172,432; Sept. 12.

Brody, Benjamin R., New York, N. Y., assignor to Harry Rosenfeld Inc. Combination vanity-purse. 2,172,695; Sept. 12.

Broecker, Lewis C., assignor to Bridgeport Brass Company, Bridgeport, Conn. Valve stem. 2,145,218; Jan. 24.

Broecker, Lewis C., assignor to Bridgeport Brass Company, Bridgeport, Conn. Dust cap for tire valves. 2,178,828; Nov. 7.

Broeg, Willy, Leverkusen-I. G. Werk, and H. Morschel, Cologne Deutz, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Hydroxybenzocarbazole compounds. 2,161,697; June 6.

Broeren, Frank L., Neenah, and A. S. Krueger, Green Bay, assignors to Marathon Paper Mills Company, Rothschild, Wis. Dispenser for sheets. 2,160,412; May 30.

Broering, Lawrence B. (See Kite, F. E., and Broering.)

Broeze, Johannes J., and H. van Driel, Delft, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Electrical pressure detector. 2,164,638; July 4.

Broff, Morris, Brooklyn, N. Y. Cone molding machine. 2,148,148; Feb. 21.

Brogden, Alfred N., Blackpool, England. Railway rail joint. 2,146,248; Feb. 7.

Brogden, Joah, Melrose Park, Pa. Building wall construction. 2,165,336; July 11.

Brogden, Ronald R., Orlando, assignor to Brogdex Company, Winter Haven, Fla. Brushing device. 2,153,294; Apr. 4.

Brogden, Ronald R., Orlando, assignor to Brogdex Company, Winter Haven, Fla. Machine for brushing and otherwise treating fruit and other articles. 2,153,295; Apr. 4.

Brogden, Ronald R., Orlando, assignor to Brogdex Company, Winter Haven, Fla. Machine for treating eggs. 2,153,296; Apr. 4.

Brogdex Company. (See Brogden, Ronald R., assignor.)

Broidrick, Thomas J. (See Read, C. L., and Broidrick.)

Broke, Thomas Y., Chicago, Ill., assignor to American Can Company, New York, N. Y. Container. 2,173,093; Sept. 19.

Broluska, Amel B., Detroit, Mich. Automatic equalizing flexible stabilizer for safety bodies. 2,142,173; Jan. 3.

Broluska, Amel B., Detroit, Mich. Crank movement eliminating dead center. 2,166,565; July 18.

Broluska, Amel B., Detroit, Mich. Safety self-locking rail joint system. 2,166,654; July 18.

Bromagem, Irl R., assignor to Union City Body Company, Union City, Ind. Chair back. 2,179,369; Nov. 7.

Bromley, Colin. (See Dreyer, F. L., and Bromley.)

Bromley, Frank, Moylan, Pa., assignor to Joseph Bancroft & Sons Co., Wilmington, Del. Method of and apparatus for printing cloth. 2,175,051; Oct. 3.
Bromley, Frank A. (See Wiener, J. A., and Bromley.)
Bromley, Joseph H., Jr., Philadelphia, Pa. Electric jacquard mechanism. 2,165,446; July 11.
Bromley, Thomas C., and A. Shortland, assignors to Mellor Bromley & Co. Limited, Leicester, England. Patterning mechanism for knitting machines. 2,179,711; Nov. 14.
Bröms, Carl O. J., Bjorneborg, Sweden. Device for the repair or other treatment of metal or castings by the liquid method. 2,143,758; Jan. 10.
Bronander, Wilhelm B., Montclair, N. J. Wrapping machine. 2,155,398; Apr. 25.
Bronander, Wilhelm B., Montclair, N. J. Wrapping machine. 2,162,773; June 20.
Bronander, Wilhelm B., Montclair, N. J. Wrapping articles. 2,182,113; Dec. 5.
Bronander, Wilhelm B., Montclair, N. J., assignor to International Cigar Machinery Company. Tobacco stemming. 2,165,217; July 11.
Bronander, Wilhelm B., Montclair, N. J., assignor to American Machine & Foundry Company. Cigarette catching mechanism. 2,176,485; Oct. 17.
Bronson, Adelbert E., Shaker Heights, and W. F. Goff, Akron, assignors to The Dill Manufacturing Company, Cleveland, Ohio. Valve stem and constructing same. 2,152,373; Mar. 28.
Bronson Reel Company. (See Coxe, Joseph A., assignor.)
Bronstein, Dave, et al. (See Raines, Eugene, assignor.)
Bronstein, Jesse B., Jr., assignor to Trojan Powder Company, Allentown, Pa. Colloidal composition. 2,170,629; Aug. 22.
Bronzan, Blasito, Los Angeles, and G. D. Johnson, Compton, assignors to Baash-Ross Tool Company, Los Angeles, Calif. Kelly bushing. 2,179,006; Nov. 7.
Brook, Marvin H., Chicago, Ill. Game. 2,161,129; June 6.
Brooke, Arthur O., Compton, Calif., assignor to General Motors Corporation, Detroit, Mich. Polishing machine. 2,170,792; Aug. 29.
Brooke Engineering Company. (See Chambers, Carl C., assignor.)
Brooke, Harold L. (See Jandus, H. S., and Brooke.)
Brooke, Norman E., Washington, D. C. Garment hanger. 2,160,325; May 30.
Brooker, Leslie G. S., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Pseudocyanine dyes and preparing them. 2,143,839; Jan. 17.
Brooker, Leslie G. S., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Photographic emulsion. 2,153,169; Apr. 4.
Brooker, Leslie G. S., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Thiazolinotricarbocyanine dye. 2,161,332; June 6.
Brooker, Leslie G. S., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Formylmethylene derivatives. 2,165,218; July 11.
Brooker, Leslie G. S., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Preparation of dyes. 2,165,219; July 11.
Brooker, Leslie G. S., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. 4,4'-tricarbocyanine salts and their preparation. 2,165,337; July 11.
Brooker, Leslie G. S., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,165,339; July 11.
Brooker, Leslie G. S., assignor to Eastman Kodak Company, Rochester, N. Y. Heterocyclic formylmethylene compounds. 2,165,692; July 11.
Brooker, Leslie G. S., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Photographic sensitizing dyes and their preparation. 2,170,803; Aug. 29.
Brooker, Leslie G. S., assignor to Eastman Kodak Company, Rochester, N. Y. Merocyanine dyes from benzoxazoles. 2,170,804; Aug. 29.
Brooker, Leslie G. S., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion containing dyes from benzoxazoles. 2,170,805; Aug. 29.
Brooker, Leslie G. S., assignor to Eastman Kodak Company, Rochester, N. Y. Merocyanine dyes containing a thionaphthenone nucleus. 2,170,806; Aug. 29.
Brooker, Leslie G. S., assignor to Eastman Kodak Company, Rochester, N. Y. Merocyanine dyes from barbituric acids. 2,170,807; Aug. 29.
Brooker, Leslie G. S., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Dye from thio-oxazolediones. 2,177,401; Oct. 24.
Brooker, Leslie G. S., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Dye from thiazolones. 2,177,402; Oct. 24.
Brooker, Leslie G. S., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Dye from imidazolones. 2,177,403; Oct. 24.
Brooker, Leslie G. S., and R. H. Van Dyke, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Merocyanines and preparation thereof. 2,161,331; June 6.
Brooker, Leslie G. S., and F. L. White, assignors, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Merocarbocyanine dyes and photographic emulsions containing the same. 2,165,338; July 11.
Brooks, Benjamin T., Old Greenwich, Conn., assignor to Standard Alcohol Co. Halogenation of tertiary alcohols. 2,165,782; July 11.
Brooks, Benjamin T., Old Greenwich, Conn., assignor to Standard Alcohol Company. Production of hydroxy aliphatic esters. 2,176,201; Oct. 17.
Brooks, Clarence W., Jr., Wenonah, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Black powder manufacture. 2,168,020; Aug. 1.
Brooks, Dougal A. (See Axelrad, B. A., and Brooks.)
Brooks, E. J., Company. (See Brooks, Winfred M., assignor.)
Brooks, Frank S. (See Marsh, W. H., and Brooks.)
Brooks, Hamilton, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Power capacitor. 2,162,475; June 13.
Brooks, Harland P., Seattle, Wash. Hair curler. 2,171,644; Sept. 5.
Brooks, Harold K., et al. (See Zavarella, Raphael, assignor.)
Brooks, Harry E., assignor to Reeves Pulley Company, Columbus, Ind. Oiling system. 2,153,005; Apr. 18.
Brooks, Hayden, and R. A. Davis, Birmingham, Ala., assignors to Chicago Bridge & Iron Company. Lime slaking process. 2,149,269; Mar. 7.
Brooks, Henry M., et al. (See Peltz, Gordon M., assignor.)
Brooks, Herbert D., Oceanside, and A. A. Roberts, Rockville Centre, assignors to General Railway Signal Company, Rochester, N. Y. Train describer system. 2,184,544; Dec. 26.
Brooks, James P., Concrete, Wash. Rotary hammer. 2,183,880; Dec. 19.
Brooks, Jasper G., Bemis, Tenn. Thread cutter for looms. 2,148,527; Feb. 28.
Brooks, John C., Paterson, N. J. Loom. 2,149,724; Mar. 7.
Brooks, Kenneth R., and J. W. Ealy, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Terminal clip. 2,178,063; Oct. 31.
Brooks, Morris, Newark, N. J. Musical instrument carrying case. 2,156,910; May 2.
Brooks, Paul J., Lakewood, assignor to The Hankins Container Company, Cleveland, Ohio. Paperboard basket. 2,167,936; Aug. 1.
Brooks, William H., Fairfax, Calif. Paper pastry cone. 2,158,688; May 16.
Brooks, Winfred M., West Orange, assignor to E. J. Brooks Company, Newark, N. J. Shackle seal. 2,156,616; May 2.
Brooks, Winfred M., West Orange, assignor to E. J. Brooks Company, Newark, N. J. Bag seal. 2,163,660; June 27.
Brookshier, J. Warren, Decatur, Ill. Soap container and dispenser. 2,172,862; Sept. 12.
Broome, Frank H., Pompton Lakes, N. J., assignor to Cambosco Scientific Company, Boston, Mass. Educational apparatus. 2,144,216; Jan. 17.
Broome, Thorne K., assignor to Airmobile Aircraft Company, Mechanic Falls, Maine. Ski and making the same. 2,184,791; Dec. 26.
Broomell, Francis J., et al. (See Kors, Henry F., assignor.)
Broos, Henricus A., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Automatic volume control circuits. 2,171,645; Sept. 5.
Brophy, Gerald R. (See Nickle, C. A., and Brophy.)
Brophy, Gerald R., Schenectady, N. Y., assignor to General Electric Company. Copper-cobalt-beryllium alloys. 2,166,794; July 18.
Brophy, William J., Linden, N. J., assignor to International Cigar Machinery Company. Moistener for cigar shapers. 2,159,128; May 23.
Bros, Chester W., assignor to Wm. Bros. Boiler & Manufacturing Company, Minneapolis, Minn. Stoker. 2,163,825; June 27.
Bros, Wm., Boiler & Manufacturing Company. (See Bros, Chester W., assignor.)
Brosch, Fritz, Los Angeles, Calif. Speed-changing adapter for motion picture cameras. 2,159,372; May 23.
Brosites Machine Company. (See Hutchings, Joseph L., assignor.)
Brosius, Edgar E., Pittsburgh, Pa. Valve. 2,156,967; May 2.
Brosnan, Cornelius A., and P. F. Kelleher, assignors to Worcester Pressed Aluminum Company, Worcester, Mass. Trimming machine. 2,154,028; Apr. 11.
Brosnan, Timothy C., San Francisco, Calif., assignor to Becton Dickinson & Co., Rutherford, N. J. Thermometer shaker. 2,179,839; Nov. 14.
Bross, Theodore D., Hartford, Conn. Radio control device. 2,165,693; July 11.
Brosseau, Joseph E., West Chicago, Ill. Temperature responsive control mechanism. 2,179,811; Nov. 14.
Brosset, Eloi, Montbeliard, France. Seat. 2,152,024; Mar. 28.
Brossman, Jacob R. (See Rankin, W. K., and Brossman.)
Brostrom, Charles G., Salem, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for operating on shoes. 2,178,556; Nov. 7.

Brotherhood of Locomotive Engineers Building Association. (See Rainsford, Thomas F., assignor.)
Brotheridge, John. (See Prince, E. S., MacDougall, and Brotheridge.)
Brothers, Abe R., Brooklyn, N. Y. Necktie rack. 2,147,625; Feb. 21.
Brothers, Eli, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for effecting relative movement between lasts and shoes. 2,148,528; Feb. 28.
Brotherton, Clifford A., Columbus, assignor to The Timken Roller Bearing Company, Canton, Ohio. End closure for axle housings. 2,176,291; Oct. 17.
Broughton, Arthur E., Glens Falls, N. Y. Vacuum mechanism for paper making machines. 2,147,877; Feb. 21.
Broughton, Arthur E., Glens Falls, N. Y. Paper-slitting device. 2,173,931; Sept. 26.
Broughton, Lyle E., Jackson, Mich. Socket head screw and making the same. 2,169,460; Aug. 15.
Broughton, William W., New Brighton, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric apparatus. 2,151,736; Mar. 28.
Brouhon, Georges, assignor to Solvay & Cie, Brussels, Belgium. Closing metal drums. 2,158,218; May 16.
Broulhiet, Georges, Paris, France, assignor to R. C. Watson and J. Bailey, Jr., trustees, Washington, D. C. Vehicle underframe. 2,153,498; Apr. 4.
Brous, Samuel L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Treating polyvinyl halides. 2,157,997; May 9.
Brouse, William H. D., assignor to International Metal Industries Limited, Toronto, Ontario, Canada. Switch and computer control device for fluid pumps. 2,169,870; Aug. 15.
Brousseau, George E., Manchester, N. H. Safety device. 2,152,133; Mar. 28.
Brouwer, Rodger D., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Antifriction bearing. 2,168,469; Aug. 8.
Brouwer, Rodger D., and T. C. Delaval-Crow, Bristol, and L. D. Cobb, Forestville, Conn., assignors to General Motors Corporation, Detroit, Mich. Top roll. 2,150,796; Mar. 14.
Browall, Bert H., assignor to Svenska Aktiebolaget Bromsregulator, Malmo, Sweden. Double-acting automatic slack adjuster for brakes. 2,167,562; July 25.
Browall, Bert H., assignor to Svenska Aktiebolaget Bromsregulator, Malmo, Sweden. Braking apparatus. 2,169,629; Aug. 15.
Browall, Bert H., assignor to Svenska Aktiebolaget Bromsregulator, Malmo, Sweden. Variable leverage mechanism for vehicle brakes. 2,171,392; Aug. 29.
Browall, Bert H., assignor to Svenska Aktiebolaget Bromsregulator, Malmo, Sweden. Automatic control mechanism for empty and load brakes. 2,179,399; Nov. 7.
Broward, Pulaski, Sr., South Jacksonville, Fla. Lawn trimming tool. 2,184,034; Dec. 19.
Brower, Eugene F., assignor to Micromatic Hone Corporation, Detroit, Mich. Honing structure. 2,181,011; Nov. 21.
Brower, Eugene F., and W. H. Harris, Jr., assignors to Micromatic Hone Corporation, Detroit, Mich. Honing tool. 2,181,010; Nov. 21.
Brower, Philip, Caledonia, Mich. Grain planter. 2,164,639; July 4.
Brower, Rodger L. (See Gutenberg, A. C., and Brower.)
Brown, Albert C., Chicago, Ill. Valve and water supply mechanism. 2,173,070; Sept. 12.
Brown, Alexander H. (See Hirshfeld, C. F., and Brown.)
Brown, Alexander H., Jr., Detroit, Mich., assignor to Transit Research Corporation, New York, N. Y. Electrical control device. 2,165,694; July 11.
Brown, Alfred B., Essex Fells, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Lagging for reels. 2,172,055; Sept. 5.
Brown, Andrew. (See Griffiths, J. B., and Brown.)
Brown, Andrew, London, England, assignor to International Standard Electric Corporation, New York, N. Y. Railway signaling system. 2,182,170; Dec. 5.
Brown, Arthur B., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Solvent extraction of waxy oils. 2,149,574; Mar. 7.
Brown, Arthur B., Hammond, Ind., and F. F. Diwoky, assignors to Standard Oil Company, Chicago, Ill. Lubricating oil. 2,171,646; Sept. 5.
Brown, Arthur R., Chicopee Falls, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control apparatus for liquid coolers. 2,171,740; Sept. 5.
Brown Bag Filling Machine Company, The. (See Chandler, Austin S., assignor.)
Brown & Bailey Company. (See Comley, Wilbur N., assignor.)
Brown, Banks D., assignor to Capstan Glass Company, Connellsville, Pa. Package and part thereof. 2,162,880; June 20.
Brown, Benjamin G., Flint, assignor to General Motors Corporation, Detroit, Mich. Intake silencer. 2,149,836; Mar. 7.
Brown, Bennie S., and W. O. Wood, Greenwood, S. C. Filling detecting mechanism for looms. 2,156,838; May 2.
Brown, Bernard A., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Cushioning device for electric motors. 2,166,285; July 18.
Brown & Bigelow. (See Gordenier, Robert E., assignor.)
Brown & Bigelow. (See Gordonier, R. E., and Fischer, assignors.)
Brown & Bigelow. (See Trollen, Martin E., assignor.)
Brown & Bigelow. (See Wege, John P., assignor.)
Brown-Brockmeyer Company, The. (See Stoner, Robert S., assignor.)
Brown, Cal V., Santa Barbara, Calif. Package. 2,181,506; Nov. 28.
Brown, Carl A., Chardon, and F. B. Van Sickle, Lyndhurst, Ohio, assignors to General Electric Company. Apparatus for drawing and severing glass rods or tubing. 2,157,067; May 2.
Brown, Carl A., Chardon, and C. W. Craig, Cleveland Heights, Ohio, assignor to General Electric Company. Glass batch feeder. 2,178,418; Oct. 31.
Brown, Carl A., Chardon, and C. E. Hahn, Cleveland, Ohio, assignors to General Electric Company. Base for incandescent lamps and similar devices. 2,184,269; Dec. 26.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Detector bar. 2,160,718; May 30.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Electric warp stop motion. 2,160,776; May 30.
Brown, Carl D., assignor to Draper Corporation, Hopedale, Mass. Ejected-bobbin receiver. 2,178,517; Oct. 31.
Brown, Carl W. (See Currivan, F. E., and Brown.)
Brown, Carlton E. (See Archea, W. D., and Brown.)
Brown, Chalmers S., Lima, Ohio. Automatic sewer regulator. 2,150,359; Mar. 14.
Brown, Chalmers S., Lima, Ohio. Tide gate. 2,176,522; Oct. 17.
Brown, Chalmers, S., Lima, Ohio. Tide gate. 2,176,523; Oct. 17.
Brown, Charles B., Jackson Heights, N. Y. Record chart for shoe measurements. 2,163,661; June 27.
Brown, Charles H., Brooklyn, N. Y., assignor to Radio Corporation of America. Electronic device. 2,181,170; Nov. 28.
Brown, Charles I., Duboistown, Pa. Cooler. 2,153,452; Apr. 4.
Brown, Charles L., Jr., Stamford, Conn., assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,176,119; Oct. 17.
Brown, Charles S., Syracuse, N. Y. Forming conduit outlet boxes. 2,153,657; Apr. 11.
Brown, Charles W. (See Rogers, D. A., and Brown.)
Brown, Cicero C., Houston, Tex. Well head apparatus. 2,145,844; Feb. 7.
Brown, Cicero C., Houston, Tex. Removing pipe from wells. 2,149,417; Mar. 7.
Brown, Cicero C., Houston, Tex. Strainer and packer setting device. 2,163,933; June 27.
Brown, Cicero C., Houston, Tex. Liner removing device. 2,167,445; July 25.
Brown, Cicero C., Houston, Tex. Plugging tool. 2,182,196; Dec. 5.
Brown, Clarence H. (See Dooley, R. R., and Brown.)
Brown, Clarence J., and J. W. Baker, Chicago, Ill. Philatelic support. 2,176,292; Oct. 17.
Brown, Claude P., and F. H. Wilson, Philadelphia, Pa. Counting chamber. 2,182,467; Dec. 5.
Brown Company. (See Ayers, Fred L., assignor.)
Brown Company. (See Haney, John I., assignor.)
Brown Company. (See MacLean, Ethel W., assignor.)
Brown Company. (See Moore, Hugh K., assignor.)
Brown Company. (See Richter, George A., assignor.)
Brown Company. (See Richter, G. A., and Glidden, assignors.)
Brown Company. (See Richter, G. A., and Vannah, assignors.)
Brown Company. (See Schur, Milton O., assignor.)
Brown Company. (See Schur, M. O., and Hoos, assignors.)
Brown Company. (See Schur, M. O., and Vogel, assignors.)
Brown, Cyrus R., Denver, Colo., assignor of fifty per cent to C. N. Ford, Springer, and fifty per cent to S. Colley, Wagon Mound, N. Mex. Ore pulverizer. 2,158,321; May 16.
Brown, Davis, Los Angeles, Calif. Slip deaerator. 2,183,763; Dec. 19.
Brown, Davis, and J. B. Peebles, Los Angeles, and B. M. Burchfiel, Glendale, Calif.; said Peebles and said Burchfiel assignors to said Brown. Apparatus for making roofing tile. 2,177,607; Oct. 24.
Brown, Dewey O., Lansing, Mich. Garnish molding and securing means therefor. 2,171,412; Aug. 29.
Brown, Donald W. (See Crum, H. W., and Brown.)
Brown, Ellis V. (See Pasternack, R., and Brown.)
Brown, Elmer L., assignor to E. C. Baxley, San Francisco, Calif.; G. A. Baxley, guardian of said E. C. Baxley, insane. Radio telephone equipment. 2,142,993; Jan. 10.
Brown, Elmer L., assignor to E. C. Baxley, San Francisco, Calif.; G. A. Baxley, guardian of said E. C. Baxley, insane. Electron relay apparatus. 2,149,387; Mar. 7.
Brown, Elmer L., assignor to J. B. Smith, San Francisco, Calif. Short wave radio amplifying and receiving system. 2,154,723; Apr. 18.

Brown, Elmer L., assignor to J. B. Smith, San Francisco, Calif., as trustee. Housing construction for radio apparatus. 2,176,374; Oct. 17.
Brown Equipment Company. (See Brown, J. L., and Horton, assignors.)
Brown, Ernest V., Chicago, assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill. Grapple. 2,156,109; Apr. 25.
Brown, Francis H., Ridley Park, assignor to The Real Estate-Land Title and Trust Company, Philadelphia, Pa. Stoker. 2,150,908; Mar. 21.
Brown, Francis V., assignor to Automotive Products Company Limited, London, England. Hydraulic controlling system. 2,154,832; Apr. 18.
Brown, Francis V., London, assignor to Aircraftings Limited, Gunnersbury, London, England. Cock or valve. 2,179,684; Nov. 14.
Brown, Frank J., assignor to Bastian Brothers Company, Rochester, N. Y. Ornamental name plate and the like. 2,181,044; Nov. 21.
Brown, Frank K., South Dartmouth, assignor to Continental Screw Company, Bedford, Mass. Square socket screw with side slots. 2,173,707; Sept. 19.
Brown, Fred, Sylvania, assignor to Doehler Die Casting Co., Toledo, Ohio. Door handle. 2,165,534; July 11.
Brown, Fred J., Egg Harbor City, N. J. Detachable bail for baskets or hampers. 2,156,274; May 2.
Brown, Froye, Miami, Fla. Dressmaker form. 2,158,895; May 16.
Brown, George H., Haddonfield, N. J., assignor to Radio Corporation of America. Combined low frequency and turnstile antennas. 2,149,333; Mar. 7.
Brown, George H., Haddonfield, N. J., assignor to Radio Corporation of America. Antenna system. 2,157,159; May 9.
Brown, George H., Haddonfield, and W. R. Koch, assignors to Radio Corporation of America, Merchantville, N. J. Apparatus for measuring phase angles. 2,176,120; Oct. 17.
Brown, George R., Stratford, Conn., assignor to General Electric Company. Electric switch. 2,142,107; Jan. 3.
Brown, George R., Stratford, Conn., assignor to General Electric Company. Electric switch. 2,150,758; Mar. 14.
Brown, George R., Stratford, Conn., assignor to General Electric Company. Renewable fuse. 2,168,153; Aug. 1.
Brown, George R., Stratford, Conn., assignor to General Electric Company. Time lag fuse. 2,180,975; Nov. 21.
Brown, Glendon C. (See Seeger, E. W., and Brown.)
Brown, Glendon C. (See Seeger, E. W., Brown, and Russell.)
Brown, Gordon H., assignor to Electromaster, Inc., Detroit, Mich. Range construction. 2,154,724; Apr. 18.
Brown, Gra C. (See Snyder, F. C., and Brown.)
Brown, H. Brainard, assignor to Taylor Instrument Companies, Rochester, N. Y. Combined case and instrument mounted therein. 2,144,523; Jan. 17.
Brown, Harman R., et al. (See Parkhill, Frederic W., assignor.)
Brown, Harry F., Detroit, Mich. Indicator. 2,171,022; Aug. 29.
Brown, Harry F., Detroit, Mich. Boring chuck. 2,177,820; Oct. 31.
Brown, Howard D. (See Bixel, E. C., and Brown.)
Brown, Howard H., Providence, R. I. Device for balling yarn for knitting or chrocheting purposes. 2,156,050; Apr. 25.
Brown, Hugh S. (See Gormley, F. L., and Brown.)
Brown, Hugh S., Harvey, Ill., assignor to The Hubron Company, Inc., Somerville, N. J. Rail-car set-off apparatus. 2,158,352; May 16.
Brown Instrument Company, The. (See Green, J. R., Krogh, Moore, and Ullman, assignors.)
Brown Instrument Company, The. (See Harison, Thomas R., assignor.)
Brown Instrument Company, The. (See Harrison, T. E., Grauel, and Kessler, assignors.)
Brown Instrument Company, The. (See Harrison, Thomas R., assignor.)
Brown Instrument Company, The. (See Keeler, Earl A., assignor.)
Brown Instrument Company, The. (See Krogh, Anker E., assignor.)
Brown Instrument Company, The. (See MacConville, J. E., Cockley, and Whitten, assignors.)
Brown Instrument Company, The. (See Moore, Coleman B., assignor.)
Brown Instrument Company, The. (See Moore, C. B., and Jauss, assignors.)
Brown Instrument Company, The. (See Moore, C. B., and Trumbower, assignors.)
Brown Instrument Company. (See Parker, H. F., and Aceves, assignors.)
Brown Instrument Company, The. (See Side, Frederick W., assignor.)
Brown Instrument Company, The. (See Skagerberg, Rutcher, assignor.)
Brown Instrument Company, The. (See Ullman, Roy, assignor.)
Brown, Irving C., Baltimore, Md. Head harness and canister support. 2,148,431; Feb. 28.
Brown, James C., Mount Vernon, assignor to E. Frederics, Bronxville, N. Y. Treatment of hair. 2,155,178; Apr. 18.
Brown, James C., Mount Vernon, assignor to E. Frederics, Inc., New York, N. Y. Permanent wave pad. 2,173,269; Sept. 19.
Brown, James H., assignor to American Coating Mills, Inc., Elkhart, Ind. Identifiable carton board. 2,143,682; Jan. 10.
Brown, James W. (See Crawford, O. J., and Brown.)
Brown, Jennie, Red Bay, Ala. One-piece dress. 2,154,227; Apr. 11.
Brown, Jesse E., Chicago, Ill. Cathode ray tube. 2,163,233; June 20.
Brown, Jesse J., Syracuse, N. Y. Telephonic house protection system. 2,168,320; Aug. 8.
Brown, John C., New York, N. Y. Razor blade holder. 2,164,050; June 27.
Brown, John E., Lanham, Md. Grave cribber. 2,145,152; Jan. 24.
Brown, John L., Verona, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Attachment of steel feet to cast iron frames. 2,165,032; July 4.
Brown, John L., Verona, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Antifriction bearing oiler. 2,179,321; Nov. 7.
Brown, John P., Croydon, and F. D. Aldridge, assignors to P. B. Deviator Limited, London, England. Gyroscopic apparatus. 2,146,620; Feb. 7.
Brown, John R., Cleveland Heights, assignor to The Reliance Gauge Column Company, Cleveland, Ohio. Boiler signal control. 2,183,422; Dec. 12.
Brown, John W., Baltimore, Md., assignor to Continental Oil Company, Ponca City, Okla. Contacting apparatus. 2,161,405; June 6.
Brown, Joseph A., Armstead, Mont. Mowing machine. 2,143,473; Jan. 10.
Brown, Joseph L., and B. S. Horton, assignors to Brown Equipment Company, Charlotte, N. C. Light. 2,184,208; Dec. 19.
Brown, Kenneth R. (See Power, J. T., and Brown.)
Brown, Kenneth R., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Oil, grease, and hydrocarbon resistant material. 2,164,495; July 4.
Brown, Kenneth R., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Composition. 2,172,357; Sept. 12.
Brown, Kenneth R., Tamaqua, Pa., and E. H. Bucy, Stamford, Conn., assignors to Atlas Powder Company, Wilmington, Del. Oil, grease, and hydrocarbon resistant material. 2,164,494; July 4.
Brown, Lawrence W., Clinton, Mo. Helicopter. 2,178,014; Oct. 31.
Brown, L. E., et al. (See Wright, George O., assignor.)
Brown, Leo H., New York, N. Y. Microscope. 2,156,911; May 2.
Brown, Leo H., New York, N. Y. Exposure meter. 2,159,202; May 23.
Brown, Leon R., Cresco, Iowa. Antislipping attachment for ladders. 2,145,619; Jan. 31.
Brown, Leonard. (See Francisco, Charles H. and W., and Brown.)
Brown, Le Roy H., Dover, N. H. Footwear. 2,148,602; Feb. 28.
Brown, Le Roy O., assignor to Justrite Manufacturing Company, Chicago, Ill. Electric lantern. 2,164,898; July 4.
Brown, Le Roy O., Chicago, Ill., assignor to Justrite Manufacturing Company. Liquid filtering receptacle. 2,175,714; Oct. 10.
Brown, Letha A., Kansas City, Kans. Pneumatic boat. 2,156,175; Apr. 25.
Brown-Lindsay Paint Company. (See Roohadze, Waldemar, assignor.)
Brown, Lloyd W., Rochester, N. Y., and H. T. Wood, Camp Hill, Pa. Arch supporting shoe. 2,149,664; Mar. 7.
Brown, Lloyd, and G. B. Shaffer, Des Moines, Iowa. Equalizing low pressure refrigerating systems. 2,156,426; May 2.
Brown, Louis N., Memphis, Tenn. Record card. 2,157,052; May 2.
Brown, Madge D., and C. G. Becker, Los Angeles, Calif., and P. G. Becker, Grand Junction, Colo. Sheet signal for typewriters. 2,142,603; Jan. 3.
Brown, Marion H., special administratrix. (See Hunter, David E.)
Brown, Morris, La Grange, A. M. Wagner, Riverside, and W. Yonkman, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Chromium plating. 2,172,344; Sept. 12.
Brown, Morris C., Detroit, Mich., assignor to Carter Carburetor Corporation, St. Louis, Mo. Stove device for automatic choke carburetors. 2,162,934; June 20.
Brown, Mortimer J., Niagara Falls, N. Y. Draft arm nozzle. 2,179,611; Nov. 14.
Brown, Myron J., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Photo glow tube. 2,147,426; Feb. 14.
Brown, Norman F., Hamlton, Scotland. Apparatus for raising natural oils and other liquids by gaseous pressure. 2,162,418; June 13.
Brown, Ora A., South Gate, assignor to Baash-Ross Tool Company, Los Angeles, Calif. Perforator. 2,151,681; Mar. 28.

Brown, Ora A., South Gate, Calif., assignor to Baash-Ross Tool Company, Los Angeles, Calif. Well tool. 2,169,217; Aug. 15.
Brown, Perry, Sherwood, N. Dak. Automobile heater. 2,179,322; Nov. 7.
Brown, Peter. (See Schneider, P., Brown, and Hannuss.)
Brown, Raymond B. (See Hoke, John A., assignor.)
Brown, Raymond G., Columbus, Ohio. Film pack for color photography. 2,155,078; Apr. 18.
Brown, Raymond S., Columbus, Ind. Loose leaf binder. 2,164,496; July 4.
Brown, Robert J., and A. R. Nees, Denver, and C. T. Carney, Greeley, assignors to The Great Western Sugar Company, Denver, Colo. Manufacture of sugar. 2,164,186; June 27.
Brown, Robert S. (See Barker, M. E., and Brown.)
Brown, Roger S., Upper Montclair, N. J. Tube support. 2,175,555; Oct. 10.
Brown, Roy, Brooklyn, assignor to J. Marx, New York, and M. Borden, a copartnership doing business as Jaymar Specialty Company, Brooklyn, N. Y. Figure toy container. 2,144,751; Jan. 24.
Brown, Roy L., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transformer case structure. 2,144,480; Jan. 17.
Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vehicle suspension. 2,180,860; Nov. 21.
Brown, Roy W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Vehicle suspension. 2,184,933; Dec. 26.
Brown, Russel F., Flint, Mich. Bier. 2,177,169; Oct. 24.
Brown, Seymour, assignor to Carrier Corporation, Syracuse, N. Y. Compressor apparatus. 2,150,487; Mar. 14.
Brown and Sharpe Manufacturing Company. (See Abrams, Allan C., assignor.)
Brown & Sharpe Manufacturing Company. (See Bennett, Arthur F., assignor.)
Brown and Sharpe Manufacturing Company. (See Englund, John E., assignor.)
Brown and Sharpe Manufacturing Company. (See Krause, August L., assignor.)
Brown and Sharpe Manufacturing Company. (See Levesque, George N., assignor.)
Brown & Sharpe Manufacturing Company. (See Maglott, George F., assignor.)
Brown and Sharpe Manufacturing Company. (See Mathewson, Maxwell I., assignor.)
Brown and Sharpe Manufacturing Company. (See Mathewson, M. I., and Krause, assignors.)
Brown & Sharp Manufacturing Company. (See Rich, Charles A., assignor.)
Brown, Theophilus, and T. W. Paul, assignors to Deere & Company, Moline, Ill. Power lift mechanism. 2,175,246; Oct. 10.
Brown, Theophilus, and T. W. Paul, assignors to Deere & Company, Moline, Ill. Hitch device. 2,176,326; Oct. 17.
Brown, Thomas C., San Francisco, Calif., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Marking device for index blanks. 2,154,029; Apr. 11.
Brown, Thomas E., Chicago, Ill. Belt shifting mechanism for a lathe. 2,157,398; May 9.
Brown, Thomas E., Hamilton, Ontario, Canada. Internal combustion engine. 2,179,143; Nov. 7.
Brown, Virgil S., Prescott, Iowa. Clothes manipulating tool. 2,152,530; Mar. 28.
Brown, Wallace, Oakland, Calif. Air conditioner. 2,184,277; Dec. 26.
Brown, Westgarth S. F., Cranbrook, and A. J. Tennison, Croydon, England. Electric clock. 2,152,529; Mar. 28.
Brown, William, Irvington, N. J. Oven for making artists' charcoal. 2,161,014; June 6.
Brown, William, Wollaton Park, Nottingham, assignor to Sturmey-Archer Gears Limited, Nottingham, England. Epicyclic change speed gear. 2,168,600; Aug. 8.
Brown, William A. (See Bolton, C. R., Lawrenson, Hargreaves, Clements, and Brown.)
Brown, William A. (See Holden, A., and Brown.)
Brown, William A., Philadelphia, Pa. Torque-brake shock absorbing wheel. 2,176,056; Oct. 17.
Brown, William D., Fort Thomas, Ky. Display sign. 2,173,197; Sept. 19.
Brown, William F., Hanford, Calif. Truck brake. 2,147,764; Feb. 21.
Brown, William H., Bedford, Ohio, assignor to A. Kietz, Bellevue, Wash., and P. D. Spaeth, Cincinnati, Ohio. Permanent waving apparatus. 2,152,343; Mar. 28.
Brown, William H., Bedford, Ohio, assignor to A. Kietz, Bellevue, Wash., and P. D. Spaeth, Cincinnati, Ohio. Permanent waving device. 2,152,344; Mar. 28.
Brown, William H., Long Beach, Calif., assignor of twenty-five per cent to V. L. Tryon, Chicago, Ill. Baseball game. 2,177,860; Oct. 31.
Brown, William P., New York, N. Y. Hair comb. 2,164,105; June 27.
Brown, William T., Northland, Wellington, assignor to Fibre Processing Limited, Wellington, New Zealand. Fiber finishing machine. 2,161,502; June 6.
Browne, Carl N., Panama City, Fla., assignor of one-half to I. F. McDonnell, Birmingham, Ala. Fishing rod handle. 2,149,837; Mar. 7.
Browne, Cecil O. (See Percival, W. S., and Browne.)
Browne, Cecil O., West Acton, London, assignor to Electric and Musical Industries Limited, Hayes, England. Television and the like system. 2,152,464; Mar. 28.
Browne, Cecil O., West Acton, London, and J. Hardwick, West Drayton, assignors to Electrical and Musical Industries Limited, Hayes, Middlesex, England. Television and the like system. 2,176,663; Oct. 17.
Browne, Edwin H., Columbus, Ohio, assignor to M & R Dietetic Laboratories, Inc. Treatment of milk fluids. 2,148,100; Feb. 21.
Browne, Floyd A., Cleveland, assignor of one-half to J. D. Overholt, Wooster, Ohio. Conveying mechanism. 2,158,781; May 16.
Browne, Floyd A., Cleveland, assignor of one-half to J. D. Overholt, Wooster, Ohio. Door lock. 2,179,466; Nov. 7.
Browne, Floyd A., Cleveland, assignor of one-half to J. D. Overholt, Wooster, Ohio. Conveying mechanism. 2,181,298; Nov. 28.
Browne, Harold H., Brooklyn, N. Y. Manufacture of yeast. 2,166,339; July 18.
Browne, Joseph C., Philadelphia, Pa., assignor to N. Posner, Baltimore, Md. Automotive trailer coupling. 2,168,058; Aug. 1.
Browne, Kenneth A., Saddle River, N. J., assignor to Wright Aeronautical Corporation. Automatic magneto coupling. 2,162,243; June 13.
Browne, Kenneth A., Westwood, N. J., assignor to Wright Aeroneutical Corporation. Controllable cowling. 2,158,270; May 16.
Browne, Kenneth A., Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Pressure metering carburetor. 2,165,447; July 11.
Browne, Kenneth A., Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Turbosupercharger. 2,165,448; July 11.
Browne, Kenneth A., Westwood, N. J., and E. S. Taylor, Cambridge, Mass., assignors, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Engine mount. 2,175,825; Oct. 10.
Browne, Stewart R., Mfg. Co. (See Garlock, Lewis F., assignor.)
Browne, Vere B., Brackenridge, and W. E. Caugherty, Natrona, Pa., assignors to Allegheny Ludlum Steel Company. Silicon steel strip and manufacture thereof. 2,142,347; Jan. 3.
Browne, Vere B., Brackenridge, Pa., assignor to Allegheny Steel Company. Making seamless tubes from columbium containing austenitic chromium nickel alloy steel and product thereof. 2,179,114; Nov. 7.
Brownell, Barnett M., University City, Mo. Pipe connector. 2,166,232; July 18.
Brownell, Earl C., Portland, Oreg. Sign carrier. 2,172,787; Sept. 12.
Brownell, Frederick J. (See Hawkins, W. J., and Brownell.)
Brownell, Karl. (See Easter, G. J., and Brownell.)
Brownfield, Charles O., Covington, Ky. Cleaning apparatus. 2,156,370; May 2.
Brownfield, George W., Washington, D. C. Shirt collar support. 2,147,519; Feb. 14.
Browning, Albert E., Detroit, Mich. Target indicating game. 2,168,644; Aug. 8.
Browning, Glenn H. (See Doble, F. C., and Browning.)
Browning, James E., assignor of one-half to C. V. Birkhead and W. N. Beckmann, San Antonio, Tex., copartners, doing business as Birkhead, Beckmann, Stanard & Vance. Gas stove burner mechanism and igniting means. 2,152,531; Mar. 28.
Browning, James E., assignor of one-half to C. V. Birkhead and W. N. Beckmann, San Antonio, Tex., copartners doing business as Birkhead, Beckmann, Stanard & Vance. Gas burner. 2,180,789; Nov. 21.
Browning, James E., assignor of one-half to C. V. Birkhead and W. N. Beckmann, San Antonio, Tex. Pressurestat. 2,184,773; Dec. 26.
Browning, James E., assignor of one-half to C. V. Birkhead and W. N. Beckmann, San Antonio, Tex. Door operating and locking mechanism. 2,184,774; Dec. 26.
Browning, Sarah E., adminstratrix. (See Browning, Thomas C.)
Browning, Thomas C., deceased; S. E. Browning, administratrix, Springfield, Mass. Air line trap. 2,168,512; Aug. 8.
Brownlee, Stuart D., and J. G. Macdonald, Toronto, Ontario, Canada. Flatiron. 2,174,359; Sept. 26.
Brownlee, William L., Toutle, Wash. Line clamp. 2,179,007; Nov. 7.
Brownscombe, Eugene R., and S. W. Ferris, Aldan, assignors to The Atlantic Refining Company, Philadelphia, Pa. Recovery of solvent from hydrocarbon oils. 2,167,632; Aug. 1.
Brownscombe, Eugene R., Alden, assignor to The Atlantic Refining Company, Philadelphia, Pa. Recovery of solvent from hydrocarbon oils. 2,169,218; Aug. 15.
Brownsey, Horace P., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing machine. 2,165,535; July 11.
Brownstein, Arthur, Bridgeport, assignor to Whitney Blake Company, New Haven, Conn. Attachment plug. 2,169,219; Aug. 15.
Brownstein, Benjamin, Ellwood City, Pa. Universal flexible and safety coupling. 2,157,996; May 9.

Brownstein, Benjamin, Ellwood City, Pa. Hydraulic pressure and flow controller. 2,172,901; Sept. 12.
Brownstein, Harry, Warren, assignor of one-half to S. M. London, Girard, Ohio. Display stand. 2,167,198; July 25.
Brownstein, Louis. (See Gerber, I., and Brownstein.)
Brownstein, Louis, assignor of one-third to C. B. Goodstein, one-third to E. R. Posnack, and one-third to W. L. Sorenson, Brooklyn, N. Y. Stapling machine. 2,178,354; Oct. 31.
Broyles, Grace A., Kenosha, Wis. Hair remover device. 2,155,299; Apr. 18.
Brozek, Joseph, Jackson Heights, Long Island, assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Slider for separable fasteners. 2,178,948; Nov. 7.
Brozek, Joseph, Jackson Heights, Long Island, assignor to Waldes Koh-I-Noor, Inc., Long Island City, N. Y. Separable fastener slider. 2,178,949; Nov. 7
Brubaker, Jacob E., assignor to The Hubley Manufacturing Company, Lancaster, Pa. Cartridge simulating device for use in toy pistols and the like. 2,148,603; Feb. 28.
Brubaker, Jacob E., assignor to The Hubley Manufacturing Company, Lancaster, Pa. Toy airplane. 2,182,913; Dec. 12.
Bruce, Charles E., Marshalltown, Iowa. Eraser cleaner. 2,151,372; Mar. 21.
Bruce, Charles O. (See Kruse, Frederick P., assignor.)
Bruce, David F., assignor to Algonquin Coupling Company, Philadelphia, Pa. Hose coupling. 2,155,640; Apr. 25.
Bruce, E. L., Company. (See Lyons, Frank H., assignor.)
Bruce, Edmond, Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Directive antenna. 2,145,024; Jan. 24.
Bruce, Edmond, Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Directive radio system. 2,169,553; Aug. 15.
Bruce, John M., New York, N. Y. Apparatus for cooling brew. 2,155,399; Apr. 25.
Bruce, Lawrence Richard, Inc. (See Goldfarb, A. R., and Michaels, assignors.)
Bruce, Robert A., et al. (See Losure, Lisander, assignor.)
Bruce, Thomas A., San Mateo, Calif., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Solidified fruit and producing same. 2,147,238; Feb. 14.
Bruce, Wesley G., Dallas, Tex., dedicated to the free use of the People in the territory of the United States. Fly trap. 2,181,595; Nov. 28.
Brüche, Ernst, Berlin-Reinickendorf, Germany, assignor to General Electric Company. Laminated metal body. 2,153,363; Apr. 4.
Brüche, Ernst, Berlin-Reinickendorf, Germany, assignor to General Electric Company. Electron discharge device. 2,172,728; Sept. 12.
Brüche, Ernst, Berlin-Reinickendorf, and W. Schaffernicht, assignors to Allgemeine Elektricitats-Gesellschaft, Berlin, Germany. Electronic image transmission. 2,172,726; Sept. 12.
Brüche, Ernst, Berlin-Reinickendorf, and W. Schaffernicht, assignors to Allgemeine Elektricitats-Gesellschaft, Berlin, Germany. Electronic image tube. 2,172,727; Sept. 12.
Bruche, Ernst, Berlin-Reinickendorf, and W. Schaffernicht, assignors to Allgemeine Elektricitats Gesellschaft, Berlin, Germany. Electron image tube. 2,179,083; Nov. 7.
Bruchfeld, Albert. (See Schneider, P., and Bruchfeld.)
Bruck, Arthur. (See Friedman, J. S., and Bruck.)
Brücke, Otto, Hochspeyer, Pfalz, Germany, assignor to American Lurgi Corporation, New York, N. Y. Distillation of mixtures of high boiling point liquids. 2,184,579; Dec. 26.
Brucker, Ferdinand F. (See Nathan, T. D., Eakin, and Brucker.)
Brucker, Ferdinand F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Sealing assembly. 2,148,101; Feb. 21.
Brucker, James W., assignor to Skenandoa Rayon Corporation, Utica, N. Y. Apparatus for winding yarn. 2,184,334; Dec. 26.
Bruckman, William C., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heat shield for ovens. 2,175,872; Oct. 10.
Bruckmoser, Ludwig. (See Steinlein, G., and Bruckmoser.)
Bruckmoser, Ludwig, Schweinfurt, Germany. Motor bicycle. 2,179,478; Nov. 14.
Bruder, Edmund, Chicago, Ill. Smoking tube. 2,162,500; June 13.
Bruderlin, Emil J., Amarillo, Tex., assignor to American Smelting and Refining Company, New York, N. Y. Sintering. 2,178,366; Oct. 31.
Brueck, Theodore M., assignor to Ilex Optical Company, Rochester, N. Y. Shutter mechanism for pocket cameras. 2,176,621; Oct. 17.
Bruecker, John, Chicago, Ill. Electric shaver and shearing blade therefor. 2,182,066; Dec. 5.
Bruecker, John, Chicago, Ill. Manufacturing a shaving tool. 2,182,067; Dec. 5.
Brueckmann, Frank G. (See Rogers, M. C., Brueckmann, and Roesch.)
Brueckmann, Frank G., and W. G. Roesch, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Sulphuric acid manufacture. 2,146,792; Feb. 14.
Brueckner, Frederick P., Detroit, Mich., assignor to W. R. Wilson. Electric ironer. 2,173,389; Sept. 19.
Bruen, George C., assignor to Rotary Index Co., Inc., Chicago, Ill. Rotary card index. 2,168,323; Aug. 8.
Bruengger, Heinrich. (See Graenacher, C., Ackermann, and Bruengger.)
Brueske, George A. (See Stechbart, B., and Brueske.)
Bruestle, Armin O., assignor to The Cincinnati Mine Machinery Company, Cincinnati, Ohio. Machine for manufacturing cutter bits. 2,176,486; Oct. 17.
Bruger, Charles W. (See Schmidt, A. C., and Bruger.)
Bruggerman, Bertrand F., Los Angeles, Calif. Electrically heated tool. 2,180,665; Nov. 21.
Bruggimann, Fernand, Geneva, Switzerland. Machine for molding and dividing plastic material. 2,182,656; Dec. 5.
Brugma, Antoine J., The Hague, Netherlands. Control device. 2,160,582; May 30.
Brühl, Margarete. (See Brühl, Paul.)
Brühl, Paul, deceased, by M. Brühl, neé Domnick, Berlin, Germany, sole heir. Radial antifriction bearing. 2,151,830; Mar. 28.
Bruijnes, Johannes, Mount Vernon, N. Y., and D. M. Duinker and J. G. W. Mulder, Eindhoven, Netherlands, assignors to N. V. Philips' Gloeilampenfabrieken. Rectifier tube. 2,184,709; Dec. 26.
Bruining, Hajo. (See Burgers, W. G., Bruining, and Kleynen.)
Bruining, Hajo. (See de Boer, J. H., Bruining, Prakke, and Van Gessel.)
Bruington, George H., Santa Fe, N. Mex. Button operated combination lock. 2,162,995; June 20.
Bruining, Hajo. (See Veenemans, C. F., Lopp, and Bruining.)
Bruker, Hobart W., assignor to G. W. Swift, Jr. Inc., Bordentown, N. J. Cut-off length indicating mechanism. 2,174,360; Sept. 26.
Bruker, Hobart W., and W. A. Hohman, assignor to George W. Swift, Jr. Inc., Bordentown, N. J. Corrugating machine construction. 2,174,565; Oct. 3.
Brukner, Clayton J., Troy, Ohio, assignor to Waco Aircraft Company. Flush cover access opening. 2,156,110; Apr. 25.
Brumbaugh, Homer C., Baltimore, Md., assignor to Universal Chemical Corporation, Akron, Ohio. Wax and like composition and preparing the same. 2,177,240; Oct. 24.
Brumbaugh, Isaac V. (See Moecker, H., Jr., Lotter, and Scholander, and Brumbaugh.)
Brumbaugh, Isaac V., assignor to American Stove Company, St. Louis, Mo. Gas burner. 2,150,819; Mar. 14.
Brumbaugh, Isaac V., assignor to American Stove Company, St. Louis, Mo. Automatic temperature regulator. 2,154,030; Apr. 11.
Brumberger, Sydney, Brooklyn, N. Y. Telephone transmitter device. 2,176,293; Oct. 17.
Brumbly, Joseph O., Los Angeles, Calif., assignor to R. E. Kline. Packer. 2,182,549; Dec. 5.
Brumer, John J., Cudahy, assignor of one-half to A. R. Musolff, Wauwatosa, and one-half to B. L. Musolff, Milwaukee, Wis. Bowling dice game. 2,148,102; Feb. 21.
Brumme, Frank J., Chicago, Ill. Cooking device and method. 2,149,131; Feb. 28.
Brummett, Durell E., Shreveport, La. Automatic water control for bathtubs. 2,180,790; Nov. 21.
Brun, Oscar C., Copenhagen, Denmark. Meter for heat consumption. 2,156,968; May 2.
Brun, Willi, Bridgeport, Conn., assignor to Remington Arms Company, Inc. Chemical compounds. 2,175,826; Oct. 10.
Brün, Willi, and J. E. Burns, Bridgeport, Conn., assignors to Remington Arms Company, Inc. Ammunition. 2,160,469; May 30.
Brunatto, Emanuele, Paris, France. Means and method of saturating transmission air. 2,149,504; Mar. 7.
Brundage, James W., assignor to The Summit Mold & Machine Company, Akron, Ohio. Vulcanizer. 2,148,416; Feb. 21.
Brundin, Nils, Romford, England. Locating metals and minerals in the ground. 2,158,980; May 16.
Brunelle, Eugene A., Somersworth, N. H. Cooking machine. 2,176,701; Oct. 17.
Bruner, Walter M. (See Racen, F., and Bruner.)
Brunette, Vernon L. (See Kelly, L. J., Mueller, and Brunette.)
Brunetti, Joseph, Carlstadt, N. J. Card case. 2,152,174; Mar. 28.
Brunetti, Joseph P., Clarksburg, W. Va. Fountain attachment for faucets. 2,171,471; Aug. 29.
Brunetti, Valerio, Pittsburg, Kans. Apparatus for making pipe. 2,178,015; Oct. 31.
Bruni, Fausto, New Brunswick, N. J. Shoe sole and heel edge trimming and finishing tool. 2,154,971; Apr. 18.
Brüning, Hans, assignor to W. C. Heraeus, G. m. b. H., Hanau-on-the-Main, Germany. Explosion safety device. 2,170,937; Aug. 29.
Brunk, Harold J., Chicago, Ill., assignor to The C. F. Pease Company. Method and apparatus for making photographic prints. 2,145,752; Jan. 31.

Brunk, Harold J., Chicago, Ill., assignor to The C. F. Pease Company. Combined arc lamp and incandescent lamp. 2,149,505; Mar. 7.

Brunk, Harold J., Chicago, Ill., assignor to The C. F. Pease Company. Combined arc lamp and incandescent lamp. 2,158,026; May 9.

Brunke, Fritz, Berlin-Steglitz, Germany, assignor to General Electric Company. Producing selenium rectifiers or the like. 2,175,016; Oct. 3.

Brunke, Fritz, Berlin-Steglitz, and W. Koch, Berlin-Glienicke-Nord, Germany, assignors to General Electric Company. Selenium rectifier having light metal carrier electrodes. 2,163,393; June 20.

Brunke, Fritz, Reinickendorf, and W. Koch, Berlin-Glienicke, Germany, assignors to General Electric Company. Selenium rectifier having light metal carrier electrodes. 2,175,873; Oct. 10.

Brunken, Johannes. (See Fricke, H., and Brunken.)

Brunken, Johannes, Dessau, Anhalt, Germany, assignor, by mesne assignments to Agfa Ansco Corporation, Binghamton, N. Y. Hardening albuminous substances. 2,169,513; Aug. 15.

Brunken, Johannes, Dessau, Anhalt, Germany, assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Hardening albuminous substances. 2,180,335; Nov. 21.

Brunnbauer, Albert, Junior. (See Passler, Hermann, assignor.)

Brunner, Adolf, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Internal combustion engine electric unit. 2,152,025; Mar. 28.

Brunner, Adolf, Winterthur-Wulflingen, assignor to Sulzer Fréres, Societe Anonyme, Winterthur, Switzerland. Control device for the operation of internal combustion engines with electric power transmission. 2,175,681; Oct. 10.

Brunner, Adolf, assignor to Sulzer Frères Société Anonyme, Winterthur, Switzerland. Internal combustion engine-electric power unit. 2,178,355; Oct. 31.

Brunner, Adolf, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Internal combustion engine apparatus. 2,178,356; Oct. 31.

Brunner, Adolf, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Power unit. 2,180,138; Nov. 14.

Brunner, Anthony T., Half Moon Bay, Calif. Fertilizer and seed planter. 2,159,652; May 23.

Brunner, Arnold, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Chloromethyl alkyl phenols. 2,165,956; July 11.

Brunner, Arnold, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Condensation products and preparing them. 2,180,791; Nov. 21.

Brunner, Edwin J., Royal Oak, Mich. Loose-leaf binder. 2,178,277; Oct. 31.

Brunner, Friedrich. (See Zwicky, K., and Brunner.)

Brunner, Walter. (See Zerweck, W., and Brunner.)

Brunnert, Otto, and E. Severin, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electrical recorder. 2,154,300; Apr. 11.

Bruno, Samuel J., Jersey City, N. J. Metal bending machine. 2,155,160; Apr. 18.

Bruns, Chester H. (See Smith, C. E., and Bruns.)

Bruns, Edward, Chicago, Ill. Guard. 2,147,765; Feb. 21.

Bruns, William H., Lincolndale, assignor to Otis Elevator Company, New York, N. Y. Electromagnetic device. 2,149,418; Mar. 7.

Brunson, Amber N., Kansas City, Mo. Surveying instrument. 2,164,051; June 27.

Brunswick, Jules, Paris, assignor to M. and R. Baudon, Les Eglisottes, Gironde, France, and himself. Cooling multicellular rubber tires. 2,166,927; July 25.

Bruse, Walter, Berlin-Sudende, Germany. Link type connecting rod. 2,149,419; Mar. 7.

Brush, Alanson P., Detroit, Mich. Boat. 2,162,058; June 13.

Brush Beryllium Company, The. (See Kjellgren, B. R. F., and Sawyer, assignors.)

Brush Beryllium Company, The. (See Sawyer, Charles B., assignor.)

Brush Development Company, The. (See Gravley, Charles K., assignor.)

Brush Development Company, The. (See Pfundt, Paul, assignor.)

Brush, John G., Westfield, N. J., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Heat treatment. 2,170,745; Aug. 22.

Brush, Oscar F., et al. (See Haywood, John F., assignor.)

Brush, Walter H., Sea Cliff, N. Y., assignor to Thermo-Mix, Inc. Valve and mixing device. 2,159,129; May 23.

Bruson, Herman A., assignor to Rohm & Haas Company, Philadelphia, Pa. Preparation of isophorones. 2,148,103; Feb. 21.

Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Water-soluble capillary-active sulphonates. 2,148,432; Feb. 28.

Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Plasticized resin composition. 2,156,144; Apr. 25.

Bruson, Herman A., assignor to Röhn & Haas Company, Philadelphia, Pa. Manufacture of amines. 2,170,111; Aug. 22.

Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Sulphonates of polyaryl polyethers. 2,171,498; Aug. 29.

Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Aromatic aliphatic ether chlorides and process. 2,176,834; Oct. 17.

Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Aromatic polyalkylene ether sulphonates. 2,178,830; Nov. 7.

Bruson, Herman A., assignor to Röhm & Haas Company, Philadelphia, Pa. Aromatic polyalkylene ethers. 2,178,831; Nov. 7.

Bruson, Herman A., and J. W. Eastes, assignors to Röhm & Haas Company, Philadelphia, Pa. Petroleum sulphonyl chlorides. 2,142,934; Jan. 3.

Bruson, Herman A., Philadelphia, Pa., and O. Stein, Frankfort-on-the-Main, Germany, assignors to Röhm & Haas Company, Philadelphia, Pa. Tertiary alkyl-aryloxy alkyl sulphates. 2,143,759; Jan. 10.

Bruson, Herman A., and J. W. Eastes, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Sulphonamide resin. 2,160,196; May 30.

Bruson, Herman A., and R. F. McCleary, assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Higher alkoxyacetonitriles. 2,169,578; Aug. 15.

Bruson, Herman A., and C. W. MacMullen, assignors to Röhm & Haas Company, Philadelphia, Pa. Mercerization assistant. 2,176,833; Oct. 17.

Bruson, Herman A., and C. W. MacMullen, assignors to Röhm & Haas Company, Philadelphia, Pa. Condensation products. 2,178,829; Nov. 7.

Bruson, Herman A., and L. W. Covert, assignors to Röhm Haas Company, Philadelphia, Pa. Manufacturing sebacic acid. 2,182,056; Dec. 5.

Bruson, Herman A., and R. N. Washburne, assignors to Röhm & Haas Company, Philadelphia, Pa. Preparation of esters of methacrylic acid. 2,184,934; Dec. 26.

Bruson, Herman A., and C. W. MacMullen, assignors to Röhm & Haas Company, Philadelphia, Pa. Sulphonated aromatic ether alcohols. 2,184,935; Dec. 26.

Bruss, Franz, Lichtenberg, near Berlin, Germany, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Chassis frame for vehicles. 2,168,436; Aug. 8.

Brussell, Jacob, New York, N. Y. Button sewing machine. 2,175,247; Oct. 10.

Brussell, Jacob, New York, N. Y. Construction of button sewing machines. 2,175,248; Oct. 10.

Brussell, Jacob, New York, N. Y. Thread guiding device. 2,182,940; Dec. 12.

Brussell, Jacob, New York, N. Y., assignor to I. Friedman, Roselle, N. J. Multiple needle sewing machine. 2,159,252; May 23.

Brussell, Jacob, New York, N. Y., assignor to I. Friedman, Roselle, N. J. Feed dog for sewing machines. 2,160,120; May 30.

Brustowsky, Morris, Brooklyn, N. Y. Tray for bread slicing machines. 2,142,812; Jan. 3.

Bruzaud, Lexander, New York, N. Y. Collapsible tube and key and rest for same. 2,144,358; Jan. 17.

Bruzenak, Joseph G., New Britain, Conn. Toilet. 2,182,979; Dec. 12.

Bruzenak, Joseph G., New Britain, Conn. Toilet. 2,182,980; Dec. 12.

Bryan, Andrew B. (See Blau, L. W., and Bryan.)

Bryan, Andrew B., Tulsa, Okla., assignor to Standard Oil Development Company. Time lines recording apparatus. 2,184,953; Dec. 26.

Bryan, Artis C., Syracuse, N. Y. Motor vehicle. 2,144,359; Jan. 17.

Bryan, Chester W., New York, assignor to Ansonia Coated Abrasives, Inc., Brooklyn, N. Y. Apparatus for the manufacture of abrasive coatings. 2,151,737; Mar. 28.

Bryan, Clare, Chicago, Ill., assignor to Link-Belt Company. Mold conveyer. 2,162,419; June 13.

Bryan, Jim O., Hopkinsville, Ky. Display package and stand. 2,147,086; Feb. 14.

Bryan, Thomas E., Oklahoma City, Okla. Gas lift apparatus. 2,145,918; Feb. 7.

Bryan, Thomas E., Oklahoma City, Okla. Well flowing valve. 2,179,226; Nov. 7.

Bryant, Arnett T., assignor to Norton Laboratories, Lockport, N. Y. Box and hinge therefor. 2,144,481; Jan. 17.

Bryant Chucking Grinder Company. (See Arms, Merton H., assignor.)

Bryant Electric Company, The. (See Johnson, George A., assignor.)

Bryant, Harvey L. (See Heald, M. L., and Bryant.)

Bryant Heater Company, The. (See Heisterkamp, Herbert W., assignor.)

Bryant Heater Company, The. (See Robbins, Charles W., assignor.)

Bryant Heater Company, The. (See Roberts, E. W., and Ferrall, assignors.)

Bryant, Herbert W., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,143,404; Jan. 10.

Bryant, Jerrus M., Indianapolis, Ind., assignor to Link-Belt Company. Conveyer chain. 2,143,593; Jan. 10.

Bryant, Jerrus M., and H. A. McAninch, Indianapolis, Ind., assignors to Link-Belt Company. Making bushings and bushed chain links and the articles produced by said method. 2,155,584; Apr. 25.

Bryant, Newton W. (See Bjornson, B. G., and Bryant.)
Bryant, Thomas W., assignor of fifty-one one-hundredths to E. S. Kassler, Jr., Denver, Colo., and forty-nine one-hundredths to C. H. Huntzinger, Anderson, Ind. Automatic ignition controller for internal combustion engines. Re. 21,206; Sept. 19.
Bryant, Tom, Cross Plains, Tex. Automobile tire. 2,158,398; May 16.
Bryant, Will H., assignor of fifty per cent to A. W. Reed, Little Rock, Ark. Slack adjuster. 2,169,137; Aug. 8.
Bryce, James W., Bloomfield, N. J., assignor to International Business Machines Corporation, New York, N. Y. Card punching machine. 2,146,283; Feb. 7.
Bryce, James W., Bloomfield, N. J., assignor to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,156,969; May 2.
Bryce, James W., Bloomfield, N. J., assignor to International Business Machines Corporation, New York, N. Y. Multiplying machine. 2,166,928; July 25.
Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Key punch multiplying machine. 2,170,543; Aug. 22.
Bryce, James W., Bloomfield, N. J., assignor to International Business Machines Corporation, New York, N. Y. Multiplying machine and impulse emitter therefor. 2,170,544; Aug. 22.
Bryce, James W., Bloomfield, N. J., assignor to International Business Machines Corporation, New York, N. Y. Comparing and sorting device. 2,172,328; Sept. 5.
Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Sliding scale multiplying machine. 2,178,064; Oct. 31.
Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Multiplying machine. 2,178,950; Nov. 7.
Bryce, James W., Bloomfield, N. J., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Multiplying machine. 2,178,951; Nov. 7.
Bryce, James W., Bloomfield, N. J., and G. F. Daly, Johnson City, assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,147,626; Feb. 21.
Bryce, James W., Bloomfield, N. J., and G. F. Daly, Johnson City, assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,153,167; Apr. 4.
Bryce, James W., Bloomfield, N. J., and A. H. Dickinson, Brooklyn, assignors to International Business Machines Corporation, New York, N. Y. Calculating machine for effecting division. 2,165,220; July 11.
Bryce, James W., Bloomfield, N. J., G. F. Daly, Johnson City, and G. Lowkrantz, Binghamton, assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Accounting apparatus. 2,174,683; Oct. 3.
Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation. Accounting machine. 2,172,329; Sept. 5.
Bryce, James W., Glen Ridge, N. J., assignor to International Business Machines Corporation, New York, N. Y. Selective film printer. 2,172,330; Sept. 5.
Bryn, John G., New York, N. Y. Synchronized mirror. 2,175,105; Oct. 3.
Bryner, Fred. (See Britton, E. C., and Bryner.)
Brynoldt, Christian. (See Rogers, Gerald S., assignor.)
Bryson, Harry B., Los Angeles, deceased; N. M. Bryson, administratrix, assignor of one-half to C. Van Ika, Los Angeles, Calif. Automatic load lock. 2,159,421; May. 23.
Bryson, Nancy M., administratrix. (See Bryson, Harry B., assignor.
Bryson, Tandy A. (See Miller, E. L., and Bryson.)
Bub, George L. (See Matteson, N. F., Bub, and Moore.)
Bubb, Peter L. (See Ensor, C. W., and Bubb.)
Buc, Hyym E., Roselle, N. J., assignor to Standard Oil Development Company. Detergent composition containing buffers. 2,157,320; May 9.
Buc, Hyym E., Roselle, and A. H. Gleason, Elizabeth, N. J., assignors to Standard Oil Development Company. Producing alkyl halides. 2,153,170; Apr. 4.
Buccella, Fred, Winchester, Mass. Brake mechanism for sleds. 2,153,234; Apr. 4.
Buccicone, Dario, Gary, Ind. Shaft attachment. 2,151,831; Mar. 28.
Buccicone, Dario, Gary, Ind. Strip width measuring device. 2,184,035; Dec. 19.
Buccicone, Dario, and R. A. Fenoglio, Gary, Ind. Automatic catcher for tin plate. 2,157,228; May 9.
Buccicone, Dario, and B. W. Frazier, Gary, Ind. Apparatus for gauging sheet material. 2,184,036; Dec. 19.
Buch, Rudolf, Berlin-Charlottenburg, and F. Haemmerling, Berlin-Reinickendorf, Germany, assignors to General Electric Company. Remote control of heavy objects. 2,172,186; Sept. 5.
Buchalter, Moses, Bronx, N. Y. Wrap cover for cans and containers. 2,142,301; Jan. 3.
Buchanan, Carson P., Denton, Tex. Broom and mop hanger. 2,159,548; May 23.
Buchanan, Charles A., Columbus, assignor of one-half to F. D. Myers, Worthington, Ohio. Steering wheel for automobiles. 2,172,121; Sept. 5.
Buchanan, Edward L., Menasha, assignor to The Appleton Machine Company, Appleton, Wis. Paper pulp consistency regulator. 2,159,317; May 23.
Buchanan, Ethel S., Iola, Kans., assignor to American Pearl Button Co., Washington, Iowa. Saw-grinding machine. 2,175,514; Oct. 10.
Buchanan, Ferdinand C., assignor to A. A. Kramer, Kansas City, Mo. Combination tank and delivery body. 2,162,367; June 13.
Buchanan, Fred L., and R. Guyer, assignors to Waldorf Paper Products Company, St. Paul, Minn. Paper stock. 2,143,840; Jan. 17.
Buchanan, George W., Pollock, Idaho, assignor to Metals Recovery Co., Inc., Spokane, Wash. Apparatus for treating complex ores. 2,158,689; May 16.
Buchanan, Hugh. (See Jandus, H. S., and Buchanan.)
Buchanan, Hugh, assignor to Houdaille-Hershey Corporation, Detroit, Mich. Bumper guard structure. 2,184,631; Dec. 26.
Buchanan, John H., Ames, Iowa, assignor, by mesne assignments to Corn Products Refining Company, New York, N. Y. Dextrose solution. 2,151,499; Mar. 21.
Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerator control. 2,163,744; June 27.
Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,169,554; Aug. 15.
Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,174,776; Oct. 3.
Buchanan, Leslie B. M., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus and method. 2,183,346; Dec. 12.
Buchanan, Stephen N., assignor to The Thomas & Betts Co., Elizabeth, N. J. Solderless wire connector. 2,147,239; Feb. 14.
Buchanan, Stephen N., assignor to The Thomas & Betts Co., Elizabeth, N. J. Wire connector. 2,160,694; May 30.
Buchanan, William E., assignor to Appleton Wire Works, Inc., Appleton, Wis. Method and apparatus for joining wire cloth. Re. 21,028; Mar. 14.
Buchanan, William G. (See McEwan, M. H., and Buchanan.)
Buchard, George M., Dayton, Ohio. Tube tester. 2,172,953; Sept. 12.
Buchardt, Raymond, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Tuning dial arrangement. 2,144,325; Jan. 17.
Buchele, Walter J. (See Rice, E. W., and Buchele.)
Bucher, Glen. (See Ver Meulen, J. M., and Bucher.)
Bucher, Samuel, Milwaukee, Wis. Ice cream mold. 2,169,485; Aug. 15.
Buchhagen, Walter H., Buffalo, N. Y. Paring machine. 2,182,688; Dec. 5.
Buchholz, Carl. (See Hewish, Ernest G., assignor.)
Buchhorn, Fred, New York, N. Y. Device adapted for cleansing pipes. 2,183,007; Dec. 12.
Buchi, Alfred, Winterthur, Switzerland. Four stroke cycle internal combustion engine. 2,144,561; Jan. 17.
Buchi, Alfred, Winterthur, Switzerland. Gas turbine driven blower. 2,159,422; May 23.
Buchman, Edwin R., Pasadena, Calif., assignor to Research Corporation, New York, N. Y. Preparing antineuritic substances. 2,166,233; July 18.
Buchner, Arthur A., assignor to Chrysler Corporation, Detroit, Mich. Adjustable seat. 2,151,419; Mar. 21.
Buchner, Hans. (See Krieger, W., and Buchner.)
Buck, Albert E. (See Bashor, Harley H., assignor.)
Buck, Benjamin B., Los Angeles, Calif. Stamp mill. 2,177,935; Oct. 31.
Buck, Foster, Fargo, N. Dak. Electric fence controller. 2,157,160; May 9.
Buck, George D., St. Louis, Mo. Hollow plug for walls. 2,148,977; Feb. 28.
Buck, Howard T., Cedar Knolls, N. J., and W. A. Buck, Brooklyn, assignors to T. S. Buck Manufacturing Co., New York, N. Y. Signature and other printing dies for printing machines. 2,169,676; Aug. 15.
Buck, Jacob J., Streeter, N. Dak. Finger guard. 2,148,186; Feb. 21.
Buck, L. F. (See Peterson, Robert F., assignor.)
Buck, Monroe, Ferndale, Mich. Portable air conditioner. 2,164,763; July 4.
Buck, Richard S., Wethersfield, assignor to United Aircraft Corporation, East Hartford, Conn. Cowl nose section radiator. 2,145,233; Jan. 31.
Buck, Richard S., Wethersfield, assignor to United Aircraft Corporation, East Hartford, Conn. Vibration damper. 2,154,489; Apr. 18.
Buck, Sterling P. (See Coffelt, N., and Buck.)
Buck, T. S. Manufacturing Co. (See Buck, Howard T. and W. A., assignors.)
Buck, Wallace A. (See Buck, Howard T. and W. A.)
Buckbee, John C., Los Angeles, Calif. Portable conveyer. 2,144,360; Jan. 17.

Buckellew, Cleveland O., Schulenburg, Tex. Trailer hitch. 2,144,401; Jan. 17.
Buckendale, Lawrence R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Automotive multiwheel vehicle. 2,168,970; Aug. 8.
Buckendale, Lawrence R., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Dual ratio drive axle. 2,183,667; Dec. 19.
Buckeridge, William I., assignor to Standard Oil Company, Chicago, Ill. Sealing waxy surfaces. 2,182,513; Dec. 5.
Buckeye Incubator Company. (See Brace, Edwin T., assignor.)
Buckeye Iron and Brass Works. (See Anderson, Robert C., assignor.)
Buckeye Iron & Brass Works. (See Rike, Frederick F., assignor.)
Buckeye Iron & Brass Works. (See Rike, F. F., and Webb, assignors.)
Buckeye Portable Tool Company, The. (See Smith, William A., Jr., assignor.)
Buckeye Steel Castings Company, The. (See Moeller, H. A., and Orr, assignors.)
Buckeye Steel Castings Company, The. (See Schrock, Eugene B., assignor.)
Buckeye Traction Ditcher Company, The. (See George, Charles L., assignor.)
Buckeye Traction Ditcher Company, The. (See Miller, George E., assignor.)
Buckingham, John D., Evanston, assignor to Lucien Lelong, Inc., Chicago, Ill. Container. 2,173,227; Sept. 19.
Bucklen-Bear Laboratories, Inc. (See Bear, P. S., and Billings, assignors.)
Buckley, Arthur H., assignor to Buckley Radio Laboratory, Inc., Chicago, Ill. Equalizing system. 2,142,994; Jan. 10.
Buckley, Duer H., Warren, Ohio, assignor to J. W. Swanson, Sharon, Pa. Septic tank sludge ejector. 2,173,932; Sept. 26.
Buckley, John H. (See James, C. F., and J. H. and S. D. Buckley.)
Buckley, John P., Washington, D. C. Automatic monitor for machine controls. 2,153,412; Apr. 4.
Buckley John P., Washington, D. C. Accounting, checking, and punch-recording system. 2,161,280; June 6.
Buckley, John P., Washington, D. C. Combination typewriter-card puncher. 2,164,696; July 4.
Buckley, John P., Washington, D. C. Combined typewriter and punch recorder. 2,164,697; July 4.
Buckley, John P., Washington, D. C. Multiple card punching machine and checking system. 2,164,698; July 4.
Buckley Radio Laboratory, Inc. (See Buckley, Arthur H., assignor.)
Buckley, Samuel D. (See James, C. F., and J. H. and S. D. Buckley.)
Buckley, Timothy S., Jackson Heights, Long Island, N. Y. Making radiographs. 2,161,796; June 13.
Buckley, Timothy S., Jackson Heights, Long Island, N. Y. Plaque for X-ray machines. 2,162,420; June 13.
Buckley, Warren. (See Kolts, Tennies F., assignor.)
Bucklin, Paul, Pawtucket, R. I. Cribbage board and card pack holder. 2,153,453; Apr. 4.
Bucknam, J. H., Cranford, N. J., assignor to The Linde Air Products Company, New York, N. Y. Method and apparatus for desurfacing ferrous metal bodies. 2,157,095; May 9.
Bucknam, James H. (See Pufahl, H. R., and Bucknam.)
Bucknam, James H., Cranford, N. J., assignor to The Linde Air Products Company. Heating, welding, desurfacing, or cutting process and apparatus. 2,177,276; Oct. 24.
Bucknam, James H., and A. J. Miller, Cranford, N. J., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Cutting and welding machine. 2,183,605; Dec. 19.
Bucknell, Ernest H., and R. E. Bletcher, Los Angeles, Calif. Combination fixture. 2,152,868; Apr. 4.
Bucknell, Ernest H., and R. E. Bletcher, Los Angeles, Calif. Shower head. 2,156,800; May 2.
Bucknell, Ernest H., and R. E. Bletcher, Los Angeles, Calif. Unit assembly pressure control fitting. 2,172,345; Sept. 12.
Buckner, George J., Bethlehem, Pa., assignor to Bethlehem Steel Company. Method and apparatus for roll treatment. 2,146,793; Feb. 14.
Buckner, Orello S., Northboro, and D. B. Wilson, assignors to Bay State Abrasive Products Company, Westboro, Mass. Apparatus for balancing abrasive wheels during fabrication. 2,172,006; Sept. 5.
Buckner, William A., Fresno, Calif. Variable speed rotary sprinkler. 2,160,121; May 30.
Bucks, David H., Milwaukee, Wis. Toe shield. 2,154,662; Apr. 18.
Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Crankpin bearing. 2,148,149; Feb. 21.
Buckwalter, Tracy V., assignor to The Timken Roller Bearing Company, Canton, Ohio. Wheel and axle assembly. 2,177,924; Oct. 31.
Buckwalter, Tracy V., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Locomotive crankpin bearing. 2,177,925; Oct. 31.
Buckwalter, Tracy V., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Bearing for crossheads and the like. 2,180,315; Nov. 14.
Buckwalter, Tracy V., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Locomotive running gear. 2,180,316; Nov. 14.
Buckwalter, Tracy V., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Apparatus for determining bearing play. 2,185,142; Dec. 26.
Bucky, Frida. et al. (See Bucky, Gustav, assignor.)
Bucky, Gustav, New York, N. Y., assignor of one-half to F. Bucky, one-fourth to P. A. Bucky, and one-fourth to T. L. Bucky, New York, N. Y. Loudspeaker arrangement. 2,179,840; Nov. 14.
Bucky, Peter A., et al. (See Bucky, Gustav, assignor.)
Bucky, Philip B., Bronxville, N. Y. Supporting device. 2,160,454; May 30.
Bucky, Philip B., Bronxville, assignor to University Patents, Inc., New York, N. Y. Device for crushing and pulverizing materials. 2,148,529; Feb. 28.
Bucky, Thomas L. (See Bucky, Gustav, assignor.)
Bucsi, Frank. (See Galgoczy, Michael A., Jr., assignor.)
Bucy, Edmond H. (See Brown, K. R., and Bucy.)
Bucy, Edmund H., Stamford, Conn., assignor to Atlas Powder Company, Wilmington, Del. Method of and means for preventing offset. 2,142,666; Jan. 3.
Bucy, Edmund H., Stamford, Conn., assignor to Atlas Powder Company, Wilmington, Del. Offset composition. 2,142,667; Jan. 3.
Bucy, Edmund H., Stamford, Conn., assignor to Atlas Powder Company, Wilmington, Del. Cellulose derivative antioffset composition. 2,142,668; Jan. 3.
Bucy, Edmond H., Stamford, Conn., assignor to Atlas Powder Company, Wilmington, Del. Composition of matter. 2,148,601; Feb. 28.
Bucy, Edmond H., Stamford, Conn., assignor to Atlas Powder Company, Wilmington, Del. Dry-cleaning process. 2,181,691; Nov. 28.
Bucy, Roy T. (See Dunn, W. T., Syrovy, and Bucy.)
Bucy, Roy T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Fluid coupling. 2,182,394; Dec. 5.
Bucyrus-Erie Company. (See Blanchett, Luther E., assignor.)
Bucyrus-Erie Company. (See Paulsen, Thomas R., assignor.)
Bucyrus-Erie Company. (See Paulsen, T. R., and Bietzel, assignors.)
Bucyrus-Erie Company. (See Schauer, Lawrence B., assignor.)
Bucyrus-Monighan Company. (See Jacobsen, Arthur J., assignor.)
Buda Company, The. (See Gormley, Frank L., assignor.)
Buda Company, The. (See Gormley, F. L., and Brown, assignors.)
Budd, Clarence E., assignor to Bendix Products Corporation, South Bend, Ind. Making brake shoes. 2,148,257; Feb. 21.
Budd, Edward G., Manufacturing Company. (See Bruss, Franz, assignor.)
Budd, Edward G., Manufacturing Company. (See Dean, Albert G., assignor.)
Budd, Edward G., Manufacturing Company. (See Dean, A. G., and Farr, assignors.)
Budd, Edw. G., Manufacturing Company. (See Eksergian, Carolus L., assignor.)
Budd, Edward G., Manufacturing Company. (See Farr, William W., assignor.)
Budd, Edward G., Manufacturing Company. (See Gunter, Walter A., assignor.)
Budd, Edward G., Manufacturing Company. (See Harwick, H. K., and Tramblie, assignors.)
Budd, Edward G., Manufacturing Company. (See Landell, Stanford, assignor.)
Budd, Edward G., Manufacturing Company. (See Ledwinka, Joseph, assignor.)
Budd, Edward G., Manufacturing Company. (See Mueller, Louis T., assignor.)
Budd, Edward G., Manufacturing Company. (See Patton, John W., assignor.)
Budd, Edward G., Manufacturing Company. (See Ragsdale, Earl J. W., assignor.)
Budd, Edward G., Manufacturing Company. (See Ragsdale, E. J. W., and Clary, assignors.)
Budd, Edward G., Manufacturing Company. (See Ragsdale, E. J. W., Conwell, and Jordan, assignors.)
Budd, Edward G., Manufacturing Company. (See Ragsdale, E. J. W., and Dean, assignors.)
Budd, Edward G., Manufacturing Co. (See Ragsdale, E. J. W., and Tilsher, assignors.)
Budd, Edward G., Manufacturing Company. (See Tarbox, John P., assignor.)
Budd, Edw. G., Manufacturing Company. (See Theriault, Raymond J., assignor.)
Budd, Edward G., Manufacturing Company. (See Trautvetter, George, assignor.)
Budd, George H., Los Angeles, Calif. Treatment tent. 2,165,449; July 11.
Budd, Ralph W., Wyckoff, N. J., assignor to United Research Corporation, Burbank, Calif. Selective ticket collector. 2,142,490; Jan. 3.
Budd Wheel Company. (See Eksergian, Carolus L., assignor.)
Budd Wheel Company. (See Eksergian, C. L., and Baker, assignors.)

Budd Wheel Company. (See Farr, Warren H., assignor.)
Buderus'sche Eisenwerke. (See Bunke, Max, assignor.)
Budd Wheel Company. (See Gaenssle, Paul W., assignor.)
Budd Wheel Company. (See Ledwinka, Joseph, assignor.)
Buderus'sche Eisenwerke. (See Pohl, Ernst, assignor.)
Budig, Friedrich, Marlow, England. Flapping wing system. 2,155,468; Apr. 25.
Budiloff, Nikolai. (See Jenny, A., Budiloff, Becker, and Anton.)
Budin, Harry A. (See Carroll, William L., assignor.)
Budin, Harry A., New York, N. Y. Orthopedic traction apparatus. 2,146,933; Feb. 14.
Budnick, Louis, assignor to S. Budnick, New York, N. Y. Electric wiring connection. 2,166,621; July 18.
Budnick, Sadye. (See Budnick, Louis, assignor.)
Budowski, Issar, Boulogne-sur-Seine, assignor to Compagnie Parisienne de Produits Chimiques, Paris, France. Manufacture of hydrogen peroxide from barium dioxide and phosphoric acid. 2,153,658; Apr. 11.
Buehle, George A. (See Quick, R. S., and Buehle.)
Buehler, Allan M., Preston, Ontario, Canada. Material distributing apparatus. 2,144,142; Jan. 17.
Buehler, Leon, Jr., assignor to Frick Company, Waynesboro, Pa. Refrigerating system. 2,180,456; Nov. 21.
Buehner, William F. A. (See Schwarzkopf, Adolf, assignor.)
Buell, Edward J., Niagara Falls, N. Y., and F. D. Martin, Niagara Falls, Ontario, Canada, assignors to Lindsay Wire Weaving Company, Cleveland, Ohio. Loom stopping device. 2,169,756; Aug. 15.
Buell, John E., Birmingham, Ala. Thermocouple tube. 2,177,033; Oct. 24.
Buell, Roy C., Schenectady, N. Y., assignor to General Electric Company. Motor control system. 2,151,550; Mar. 21.
Buell, Roy C., S. B. Crary, J. W. Butler, and C. Concordia, Schenectady, N. Y., assignors to General Electric Company. Electric circuit. 2,149,082; Feb. 28.
Buena Vista Iron Company. (See Fox, B., and Ericson, assignors.)
Buenger, Edward F., Oak Park, assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,146,008; Feb. 7.
Buenger, Edward F., Oak Park, and E. W. Bacon, assignors to Wilson-Jones Company, Chicago, Ill. Apparatus for attaching paper fasteners. 2,166,983; July 25.
Buensod-Stacey Air Conditioning, Incorporated. (See Waterfill, Robert W., assignor.)
Buente, Charles F. (See Biggert, F. C., Jr., and Buente.)
Buercklin, Kenneth O., St. Louis, Mo. Injection device. 2,169,437; Aug. 8.
Buess, Hans. (See Dobler, F., and Buess.)
Buff, Carl T., Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ship propulsion system. 2,184,764; Dec. 26.
Buff, Peggy, Camden, N. J., and J. E. Thebaud, Philadelphia, Pa.; said Thebaud assignor to said Buff. Double closure, jointly operated, for flexible articles. 2,178,885; Nov. 7.
Buffalo Bolt Company. (See McLaughlin, John J., assignor.)
Buffalo Brake Beam Comany. (See Busch, Charles R., assignor.)
Buffalo Electro-Chemical Company. (See Hansen, Erich, assignor.)
Buffalo Electro-Chemical Company. (See Kauffmann, Hans O., assignor.)
Buffalo Electro-Chemical Company. (See Kauffmann, H. O., and McEwen, assignors.)
Buffalo Electro-Chemical Company. (See Kauffmann, H. O., and Wolfe, assignors.)
Buffalo Electro-Chemical Company. (See Wilson, Virden W., assignor.)
Buffalo Foundry & Machine Co. (See Kermer, Martin J., assignor.)
Buffalo Foundry & Machine Co. (See Lavett, Charles O., assignor.)
Buffalo Jewelry Case Co. (See Sundee, John R., assignor.)
Buffalo Pressed Steel Company. (See Hector, Luther G., assignor.)
Buffalo Pressed Steel Company. (See Starkweather, G. C., and Haas, assignors.)
Buffalow, Oscar T., Chattanooga, Tenn. Applicator for vibratory massagers. 2,156,839; May 2.
Buffington, Harry C., assignor to The Baker Manufacturing Company, Springfield, Ill. Scraper or grader. Re. 20,996; Feb. 7.
Buffington, Harry C., assignor to Baker Manufacturing Co., Springfield, Ill. Implement mounting for tractors. 2,163,662; June 27.
Bugatti, Ettore, Molsheim, France. Cam motion transmitting device. 2,151,832; Mar. 28.
Bugatti, Ettore, Molsheim, France. Ball and socket joint. 2,151,833; Mar. 28.
Bugatti, Ettore, Molsheim, France. Distribution control mechanism. 2,151,834; Mar. 28.
Bugatti, Ettore, Molsheim, France. Reciprocating piston engine. 2,151,835; Mar. 28.
Bugatti, Ettore, Molsheim, France. Boat. 2,151,836; Mar. 28.
Bugatti, Ettore, Molsheim, France. Coupling device intended especially for railroad vehicles. 2,163,826; June 27.
Bugatti, Ettore, Molsheim, France. Railway truck. 2,166,858; July 18.
Bugatti, Ettore, Molsheim, France. Coupling device for railway vehicles. 2,175,515; Oct. 10.
Bugatti, Ettore, Molsheim, Bas-Rhin, France. Bolt. 2,180,030; Nov. 14.
Bugatti, Jean, Molsheim, France. Testing apparatus applicable mainly to parts of aircraft. 2,151,584; Mar. 21.
Bugatti, Jean, Molsheim, France. Distribution mechanism for machines of the piston type and especially steam engines. 2,156,470; May 2.
Bugatti, Jean, Molsheim, France. Lubricating device. 2,166,857; July 18.
Bugatti, Jean, Molsheim, France. Suspension device. 2,175,516; Oct. 10.
Bugatti, Jean, Molsheim, France. Multicylinder engine. 2,179,030; Nov. 7.
Bugbee and Niles Co. (See Bennett, Harry P., assignor.)
Bugbird, H. C., Company. (See Turner, William D. assignor.)
Bugenhagen, George H., Minot, N. Dak. Electric switch. 2,167,543; July 25.
Buggie, H. H., & Company. (See Cook, Everett J., assignor.)
Buhler, Gebruder. (See Roth, Ernst, assignor.)
Buhman, Henry A. (See Castle, George F., assignor.)
Buhr, Fred. (See Buhr, Harry H., assignor.)
Buhr, Harry H., assignor of one-half to F. Buhr, Sumner, Iowa. Cultivator disk gang operator. 2,152,134; Mar. 28.
Buhr, Joseph F., assignor to Buhr Machine Tool Company, Ann Arbor, Mich. Lock for tool holders. 2,152,302; Mar. 28.
Buhr Machine Tool Company. (See Buhr, Joseph F., assignor.)
Bührmann, Heinrich, Meererbusch, near Dusseldorf, Germany. Machine for paving streets. 2,184,906; Dec. 26.
Buhse, Walter W., Minneapolis, Minn. Oral treatment device. 2,151,738; Mar. 28.
Buick, John A. (See Buyck, Jules A.)
Buick, John A., Detroit, Mich. Flashing structure. 2,184,092; Dec. 19.
Builders Iron Foundry. (See Huxford, George T., assignor.)
Bujnowski, Alexander, Glasgow, Scotland. Valve means of gas meters. 2,145,340; Jan. 31.
Bukolt, Roman B., Stevens Point, Wis. Preserving container closure, vent, and seal. 2,160,429; May 30.
Bukolt, Roman B., Stevens Point, Wis. Container closure. 2,160,430; May 30.
Bukolt, Roman B., Stevens Point, Wis. Foldable baby bathing and dressing stand. 2,178,468; Oct. 31.
Bulford, Murray N., Clearwater, S. C., assignor to United Merchants & Manufacturers, Inc., New York, N. Y. Textile printing machine. 2,158,027; May 9.
Bulick, Frank G., Worthington, Minn. Vehicle endgate. 2,147,627; Feb. 21.
Bulkeley, Claude A., New York, and M. H. Olstad, Bayside, assignors to Niagara Blower Company, New York, N. Y. Apparatus for freezing and cooling foods. 2,175,176; Oct. 10.
Bull, Arthur W., Grosse Pointe, and C. M. Sloman and C. M. Grafton, Detroit, Mich., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Dispenser cap and making same. 2,175,052; Oct. 3.
Bull, Cabot S., Uxbridge, and W. S. Percival, Ealing, London, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electrical oscillation generator. 2,161,948; June 13.
Bull, Cabot S., Uxbridge, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electron discharge device. 2,167,826; Aug. 1.
Bullard, E. D., Company. (See Bullard, Edward W., assignor.)
Bullard, E. D. Company. (See Wisman, Lauren O., assignor.)
Bullard, Edward W., assignor to E. D. Bullard Company, San Francisco, Calif. Safety hat. 2,144,870; Jan. 24.
Bullard, Edwin F. (See Evans, T. W., and Bullard.)
Bullard, Edwin F. (See McAllister, S. H., and Bullard.)
Bullard, Edwin W., Hamden, Conn. Tie wire apparatus. 2,171,120; Aug. 29.
Bulldog Electric Products Company. (See Frank, W. H., and Harper, assignors.)
Bulleigh, Robert, Greeley, assignor of one-third to H. E. Watson, Denver, Colo. Windshield cleaner. 2,154,373; Apr. 11.
Bullen, Jacob T. and M., Shreveport, La., assignors to said M. Bullen. Game. 2,157,589; May 9.
Bullen, Jim C., Thorp, Wash. Complementary rotary engine. 2,158,532; May 16.
Bullen, Margaret. (See Bullen, Jacob T. and M.)
Bullerjahn, Karl, Berlin-Neukolln, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Cash register and accounting machine. 2,170,183; Aug. 22.
Bulleri, Natale, Villisca, Iowa. Device for the cleaning of beer coils and other dispensing apparatus. 2,175,951; Oct. 10.

Bullinger, Conrad, Riverside, assignor to A. Stein & Company, Chicago, Ill. Undergarment. 2,171,354; Aug. 29.
Bullinger, Conrad, Riverside, assignor to A. Stein & Company, Chicago, Ill. Pantie girdle. 2,171,913; Sept. 5.
Bullington, Robert L., Ulm, Wyo. Shower bath. 2,148,926; Feb. 28.
Bullock, Giles E., Rochester, N. Y. Making tank heads and closure members therefor. 2,157,978; May 9.
Bullock, Giles E., Rochester, N. Y. Combined closure lock and handle for cans. 2,178,868; Nov. 7.
Bullock, Giles E., Rochester, N. Y. Making cranks for bicycles, velocipedes, etc. 2,182,958; Dec. 12.
Bullock, John W. (See Pierce, Raymond C., assignor.)
Bullock, John W., Miami, and C. W. Clementz, Jacksonville, Fla., assignors, by mesne assignments to said J. W. Bullock. Parking meter. 2,147,520; Feb. 14.
Bullock, Nettie M. H., Orlando, Fla. Lead alloy and preparing the same. 2,159,982; May 30.
Bullwinkel, John T., Brooklyn, N. Y. Disintegration of matrix, mud balls, etc. 2,164,052; June 27.
Bulova, Ardé, New York, N. Y. Watch movement. 2,176,786; Oct. 17.
Bulow, Otto, St. Albans, N. Y. Fishhook connector and spreader. 2,157,477; May 9.
Bulpit, Harry C., and S. S. Holden, assignors to S. S. Holden Limited, Ottawa, Ontario, Canada. Sleeping robe. 2,151,462; Mar. 21.
Bulpitt, Walter H., Birmingham, England. Electric immersion heater. 2,172,495; Sept. 12.
Bulpitt, Walter H., Birmingham, England. Electric immersion heater. 2,173,708; Sept. 19.
Bump, Albert H., Watertown, Mass., assignor, by mesne assignments, to Monsanto Chemical Company. Bleaching minerals. 2,149,506; Mar. 7.
Bump Paper Fastener Company. (See Thomson, Leroy A., assignor.)
Bump Pump Company. (See Thomson, Leroy A., assignor.)
Bumpas, Ollie V., and W. G. Smith, Memphis, Tenn. Roof. 2,160,642; May 30.
Bumpass, Roy P., Richmond, Va. Friction sealing receptacle. 2,157,255; May 9.
Bumpus, Jesse A., Pleasant Ridge, and C. S. Christiansen, assignors to Collord, Inc., Detroit, Mich. Bumper clip and installation thereof. 2,167,263; July 25.
Bunau-Varilla, Guy, Paris, France. Automobile vehicle. 2,168,108; Aug. 1.
Bundenthal, George. (See Bundenthal, Jacob and G.)
Bundenthal, Jacob and G., and W. D. Kimpton, Dayton, Ohio. Mop holder. 2,159,350; May 23.
Bundy, James P., Chicago, Ill. Golf tee. 2,160,122; May 30.
Bundy, Maurice G., Kansas City, Kans., assignor to H. H. Potter, Kansas City, Mo. Door mounting mechanism. 2,149,575; Mar. 7.
Bundy Tubing Company. (See Knox, David R., assignor.)
Bundy Tubing Company. (See Quarnstrom, Bert L., assignor.)
Bungay, George W., New York, N. Y. Apparatus for backing electrotypes. 2,182,114; Dec. 5.
Bünger, Walter, Berlin-Zehlendorf, and H.-W. Langenwalter, Klein-Machnow, assignors to the firm Fernseh A. G., Zehlendorf, near Berlin, Germany. Eliminating interference caused by induction in electron tubes. 2,178,775; Nov. 7.
Buning, Charles F., Dayton, Ohio. Stickproof radiator valve. 2,160,536; May 30.
Bunke, Max, assignor to Buderus'sche Eisenwerke, Wetzlar, Germany. Apparatus for the manufacture of centrifugally cast pipes. 2,148,802; Feb. 28.
Bunker, Frank S., assignor to A. U. Magnan, Los Angeles, Calif. Affixing jewels in perforated plates. 2,181,573; Nov. 28.
Bunn, B. H., Company. (See Bunn, Benjamin H., assignor.)
Bunn, Benjamin H., assignor to B. H. Bunn Company, Chicago, Ill. Tying machine. 2,182,959; Dec. 12.
Bunnell, Earl C. (See Lewis, A. J., and Bunnell.)
Bunnell, Earl C., Stratford, assignor to The Baird Machine Company, Bridgeport, Conn. Spindle. 2,182,012; Dec. 5.
Bunnerlight, Fred, Tampa, Fla. Disappearing target. 2,152,026; Mar. 28.
Bunt, Alfred P., and T. G. Hitt, Seattle, Wash.; said Bunt assignor to said Hitt. Device for flame signals. 2,168,698; Aug. 8.
Bunting, Alwyn R., Portsmouth, Va. Toy movies device. 2,154,031; Apr. 11.
Bunting, Alwyn R., Portsmouth, Va. Adjustable wrench. 2,181,012; Nov. 21.
Bunting Brass & Bronze Company, The. (See Gillett, H. W., and Dayton, assignors.)
Bunting, Robert L., Danville, Ill. Air conditioning apparatus for motor vehicles. 2,164,566; July 4.
Bunton, Rheubin L., assignor to G. W. Grove, Hickory, N. C. Knitting machine. 2,173,646; Sept. 19.
Burack, Harry, Chicago, assignor to A. F. Pitzner, Winnetka, Ill. Package for fragile articles. 2,177,241; Oct. 24.
Buras, Quinton, Birmingham, Ala. Sign composing apparatus. 2,170,985; Aug. 29.
Burbig, Henry C., Ridgefield, Conn. Fluid control for applicators. 2,180,506; Nov. 21.
Burby, Philip E. (See Pym, A. F., and Burby.)
Burch, Carl E., Seattle, Wash. Air compressor. 2,151,402; Mar. 21.
Burch, Lewis D., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigeration apparatus. 2,171,621; Sept. 5.
Burch, Orson G., Detroit, Mich. Toaster. 2,146,171; Feb. 7.
Burch, Orson G., Detroit, Mich. Toaster. 2,146,172; Feb. 7.
Burch, Oscar G., Alton, Ill., assignor to Owens-Illinois Glass Company. Treating hollow glass articles. 2,154,490; Apr. 18.
Burch, Oscar G., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Surface treating glass containers. 2,175,076; Oct. 3.
Burchenal, Charles H., Glendale, assignor to The Cambridge Tile Manufacturing Company, Cincinnati, Ohio. Cabinet for displaying building tile. 2,161,130; June 6.
Burchenal, William, et al. (See Peck, Robert E., assignor.)
Burchfiel, Bruner M. (See Brown, D., Peebles, and Burchfiel.)
Burchfield, Paul E., Lansdowne, Pa., assignor to The Harshaw Chemical Company, Elyria, Ohio. Lubricating grease. 2,157,647; May 9.
Burchill, John, H. A. Piggott, and G. S. J. White, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Treatment of leather. 2,144,647; Jan. 24.
Burcky, Charles W., and R. E. Zenner, assignors to Teletype Corporation, Chicago, Ill. Motor control. 2,179,712; Nov. 14.
Burden, Harry C., Sandusky, Ohio, assignor to Sandusky Foundry & Machine Co. Apparatus for countersinking operations and the like. 2,148,433; Feb. 28.
Burden, John S. (See Hartmann, G. H., and Burden.)
Burdett, Leroy, Midlothian, assignor of fifty per cent to Standard Window Shade Company, and one-half to I. A. Levin, Chicago, Ill. Machine for crocheting sheathings. 2,142,108; Jan. 3.
Burdick, Charles A. (See Chadbourne, J. H., and Burdick.)
Burdick, Frank, and S. G. Russell, assignors to Shakespeare Company, Kalamazoo, Mich. Fishing reel. 2,145,474; Jan. 31.
Burdick, Harry J. M., Anaheim, Calif. Valve mechanism. 2,174,964; Oct. 3.
Burdick, Harry J. M., Anaheim, Calif. Multiple valve control. 2,174,965; Oct. 3.
Burdick, Harry J. McC., Anaheim, Calif. Fluid brake. 2,179,540; Nov. 14.
Burdick, Harry J. McC., Anaheim, Calif. Valve. 2,185,016; Dec. 26.
Burdick, John N., and E. E. Sommer, Buffalo, N. Y., assignors to Carbide and Carbon Chemicals Corporation. Eduction device. 2,183,639; Dec. 19.
Burdick, Ralph V., Albany, N. Y. Compartment box. 2,174,618; Oct. 3.
Burdick, Richard, et al. (See Vendope, Van L., assignor.)
Bureau, Arthur A., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Reel construction. 2,158,994; May 23.
Bureau, Arthur A., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Lagging for reels. 2,172,056; Sept. 5.
Burel, Charles, New York, N. Y. Folding box. 2,160,643; May 30.
Burg, Louis. (See Illig, Edward A., assignor.)
Burgeni, Alfred. (See Camp, W. M., Burgeni, and Thomas.)
Burgeni, Alfred, East Orange, assignor to The Clark Thread Company, Newark, N. J. Treating sewing thread and the thread resulting therefrom. 2,173,997; Sept. 26.
Burger-Baird Engraving Company. (See Pfaffmann, Harry G., assignor.)
Burger Brewing Company. (See Carter, Herbert A., assignor.)
Burger, Dallas O. (See Katz, S. H., and Burger.)
Burger, Emmett E. (See Hull, A. W., and Burger.)
Burger, Frederick W. Niles, assignor to Clark Equipment Company, Buchanan, Mich. Wheel assembly. 2,152,757; Apr. 4.
Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Wheel assembly. 2,155,988; Apr. 25.
Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Wheel. 2,162,696; June 20.
Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Hub cap. 2,167,101; July 25.
Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Wheel. 2,167,102; July 25.
Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Wheel balancing means. 2,177,861; Oct. 31.
Burger, Frederick W., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Wheel assembly. 2,181,364; Nov. 28.
Burger, George F., Detroit, Mich. Degreasing and flushing device. 2,161,131; June 6.

Burger, Joseph, Forest Hills, N. Y. Shoe heel. 2,151,314; Mar. 21.
Burger, Joseph, Forest Hills, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel for shoes. 2,161,452; June 6.
Burger, Joseph, New York, N. Y. Adjustable height increasing shoe. 2,184,209; Dec. 19.
Burger, Joseph, New York, N. Y. Insertable adjustable height increasing elevator for shoes. 2,184,210; Dec. 19.
Burgers, Wilhelm G. (See Holst, G., Six, Snoek, and Burgers.)
Burgers, Wilhelm G., H. Bruining, and P. H. J. A. Kleynen, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electric discharge tube having an oxide cathode. 2,166,984; July 25.
Burgeson, Gunnar E. and H. W., Chicago, and V. C. Wicklund, Oak Park, Ill. Sled. 2,181,391; Nov. 28.
Burgeson, Harvey W. (See Burgeson, Gunnar E. and H. W., and Wicklund.)
Burgess Battery Company. (See Belanger, Albert P. D., assignor.)
Burgess Battery Company. (See Bertrand, Arthur B., assignor.)
Burgess Battery Company. (See Chipley, A. S., and Leadbetter, assignors.)
Burgess Battery Company. (See Graham, Erwin W., assignor.)
Burgess Battery Company. (See Hoyle, Robert L., assignor.)
Burgess Battery Company. (See Manning, Willis L., assignor.)
Burgess Battery Company. (See Morey, Roger G., assignor.)
Burgess Battery Company. (See Norris, Ralph F., assignor.)
Burgess Battery Company. (See Reynolds, Benjamin S., assignor.)
Burgess Battery Company. (See Weiss, Howard F., assignor.)
Burgess, Charles O., Niagara Falls, N. Y., assignor to Oxwell Acetylene Company. Cast iron welding rod. 2,158,105; May 16.
Burgess, Lee, Gloversville, N. Y. Bottle breaking device. 2,172,496; Sept. 12.
Burgess, Louis, New York, N. Y. Coffee maker. 2,149,270; Mar. 7.
Burgess, Walter S., Jr., Benton Harbor, Mich. Humidifier. 2,165,783; July 11.
Burgess, William J., Palmyra, N. J., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Microporous separator and making the same. 2,181,299; Nov. 28.
Burgett, Ezra W., Oakland, Calif. Ski brake. 2,159,130; May. 23.
Burgett, Lynn S., Euclid, assignor to Una Welding, Inc., East Cleveland, Ohio. Welding apparatus. 2,183,473; Dec. 12.
Burghauser, Franz, Nuremberg, Germany. Pump or motor. 2,176,787; Oct. 17.
Burghoff, Henry L. (See Crampton, D. K., and Burghoff.)
Burgien, Herbert E., Norristown, Pa. Steel for musical instruments. 2,184,733; Dec. 26.
Burgin, James. (See Groll, H. P. A., and Burgin.)
Burgin, James. (See Groll, H. P. A., Hearne, Burgin, and La France.)
Burgin, Kermit H., Zionsville, Ind. Door latch. 2,174,078; Sept. 26.
Burgmer, Josef, Wuppertal-Barmen, Germany. Manufacture of carbon paper. 2,183,474; Dec. 12.
Burk, Dwight L., Columbus, Ohio. Apparatus for indicating employment schedules. 2,183,183; Dec. 12.
Bürk, Heinrich, Pforzheim-Brotzingen, assignor to the firm Ph. Döppenschmitt, Goldwarenfabrik, Pforzheim, Germany. Band body for ornamental and practical purposes. 2,153,659; Apr. 11.
Burk, Robert E., assignor to The Standard Oil Company, Cleveland, Ohio. Preparing acetylene. 2,153,115; Apr. 4.
Burk, Robert E., assignor to The Standard Oil Company, Cleveland, Ohio. Manufacture of oxidized petroleum acid compounds. 2,168,699; Aug. 8.
Burk, Robert E., and E. C. Hughes, assignors to The Standard Oil Company, Cleveland, Ohio. Apparatus for treating petroleum distillates. 2,148,056; Feb. 21.
Burk, Robert E., and E. C. Hughes, assignors to Standard Oil Company, Cleveland, Ohio. Treatment of petroleum distillates. 2,150,149; Mar. 14.
Burk, Robert E., and E. C. Hughes, assignors to The Standard Oil Company (Ohio), Cleveland, Ohio. Removing sulphur compounds and sweetening hydrocarbon liquids. 2,162,670; June 13.
Burk, Robert E., and E. C. Hughes, assignors to The Standard Oil Company, Cleveland, Ohio. Laminated structural materials. 2,178,447; Oct. 31.
Burk, Robert E., and C. H. Whitacre, assignors to Standard Oil Company, Cleveland, Ohio. Manufacture of improved asphalts. 2,179,208; Nov. 7.
Burka, Samuel M. (See Thurlow, T. L., and Burka.)
Burkardt, Anton F., Pneumatic Cap & Seal Corporation, New York, N. Y. Sealing closure for containers. 2,176,057; Oct. 17.
Burkay Company, The. (See Burklin, Adolf J., assignor.)
Burke, Alfred, New York, N. Y. Lamp shade and covering therefor. 2,171,137; Aug. 29.
Burke, Alfred, New York, N. Y. Lamp shade and lamp shade frame. 2,173,547; Sept. 19.
Burke, Alfred K., Flint, Mich., and T. J. McKeon, Parlin, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of colorless liquid organic esters. 2,165,450; July 11.
Burke, Charles E., Ludlow, Ky. Mold for forming solder bars. 2,182,013; Dec. 5.
Burke, Edmund P. (See Hahn, H. W., Keas, and Burke.)
Burke, Edmund P., Los Angeles, assignor to Pacific Portland Cement Company, San Francisco, Calif. Metal 2,180,396; Nov. 21.
Burke, Ethelyn M., Fond du Lac, Wis. Playground swing. 2,151,403; Mar. 21.
Burke, Ethelyn M., Fond du Lac, Wis. Pipe connection. 2,171,681; Sept. 5.
Burke, George W., Westfield, assignor to The American Agricultural Chemical Company, Newark, N. J. Vaporization of phosphorus. 2,153,953; Apr. 11.
Burke, Hugh E., and C. J. Frey, Baltimore, and R. B. Gray, Dundalk, Md., assignors to The G. L. Martin Company. Method and apparatus for the melting of metals. 2,163,508; June 20.
Burke & James, Inc. (See Nicholas, Harold I., assignor.)
Burke & James, Inc. (See Pleiss, Walter H., assignor.)
Burke, James L. (See Koch, H., and Burke.)
Burke, James P., Knoxville, Tenn. Camera and method of photography. 2,148,011; Feb. 21.
Burke, James P., Knoxville, Tenn. Spring. 2,158,028; May 9.
Burke, James P., Knoxville, Tenn. Nut. 2,164,382; July 4.
Burke, James P., Knoxville, Tenn. Airplane undercarriage. 2,169,443; Aug. 15.
Burke, James P., Knoxville, Tenn. Electrical contactor. stud. 2,177,277; Oct. 24.
Burke, James P., Knoxville, Tenn., assignor, by mesne assignments, to Vermiculite Corporation of America, Detroit, Mich. Vibration dampener. 2,148,104; Feb. 21.
Burke, James P., Knoxville, Tenn., assignor to F. L. McLaughlin, Detroit, Mich. Wire connector. 2,158,029; May 9.
Burke, James P., Knoxville, Tenn., assignor of one-half to F. L. McLaughlin, Detroit, Mich. Cylinder and piston construction. 2,161,132; June 6.
Burke, James P., Knoxville, Tenn., assignor of one-half to F. L. McLaughlin, Detroit, Mich. Cylinder head construction. 2,161,133; June 6.
Burke, James P., Knoxville, Tenn., assignor of one-half to F. L. McLaughlin, Detroit, Mich. Internal combustion engine chamber. 2,161,244; June 6.
Burke, James P., Knoxville, Tenn., assignor of one-half to F. L. McLaughlin, Detroit, Mich. Combustion chamber for an internal combustion engine. 2,166,679; July 18.
Burke, James P., Knoxville, Tenn., assignor, by mesne assignments, to Vermiculite Corporation of America, Detroit, Mich. Composite material and producing same. 2,177,092; Oct. 24.
Burke, James P., Knoxville, Tenn., assignor by mesne assignments, to Vermiculite Corporation of America, Detroit, Mich. Composite structure and forming the same. 2,177,093; Oct. 24.
Burke, John J., New Haven, Conn., assignor to The American Steel and Wire Company of New Jersey. End fastening for wire rope. 2,151,837; Mar. 28.
Burke, Martin P., Pittsburgh, Pa. Window screen awning. 2,179,541; Nov. 14.
Burke, Richard L., et al. (See Ramsey, J. A., and O'Neal, assignors.)
Burke, Richard L., Swarthmore, assignor to Sun Shipbuilding & Dry Dock Company, Chester, Pa. Fabricating structural elements. 2,142,109; Jan. 3.
Burke, Richard L., Swarthmore, assignor to Sun Shipbuilding & Dry Dock Company, Chester, Pa. Apparatus for fabricating structural elements. 2,164,567; July 4.
Burke, Richard L., Swarthmore, assignor to Sun Shipbuilding & Dry Dock Company, Chester, Pa. Apparatus for fabricating structural elements. 2,176,664; Oct. 17.
Burke, Robert A., Doonside, Saskatchewan, Canada. Attachment to cultivators. 2,178,469; Oct. 31.
Burke, William W., Manchester, N. H. Damper. 2,148,530; Feb. 28.
Burkey, Carl E., Seattle, Wash. Fountain striping device. 2,151,682; Mar. 28.
Burkey, William A., Reading, Pa. Process and apparatus for cutting garment labels and the like. 2,146,934; Feb. 14.
Burkhard, C. E., et al. (See Winters, Jacob E., assignor.)
Burkhardt, Arthur. (See Bayer, K., and Burkhardt.)
Burkhardt, Arthur, Berlin-Lichterfelde, assignor to Georg von Giesche's Erben, Breslau, Germany. Plastic zinc alloy of constant dimensions. 2,166,340; July 18.
Burkhardt, Arthur, Berlin-Lichterfelde, and R. Knabe, Berlin-Zehlendorf, assignors to Georg Von Giesche's Erben, Breslau, Germany. Magnesium alloy. 2,159,964; May 30.
Burkhardt, Arthur, Berlin-Lichterfelde, and W. Wolf, Magdeburg, assignors to Georg von Giesche's Erben, Breslau, Germany. Machinable plastic zinc alloy. 2,166,341; July 18.

Burkhardt Company, The. (See Johnson, Stanley G., assignor.)
Burkhardt Company, The. (See Zerbe, Edward H., assignor.)
Burkhardt, Ernest G., assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter. 2,172,238; Sept. 5.
Burkhardt, Otto M. (See Colwell, A. T., and Burkhardt.)
Burkhardt, Otto M., Euclid, Ohio. Automatic adjustment means. 2,183,668; Dec. 19.
Burkhardt, Wilhelm. (See Reinecke, R., and Burkhardt.)
Burkhardt, Wilhelm, Berlin-Grunewald, and R. Reinecke, assignors to B. Berghaus, Berlin-Lankwitz, Germany. Cathode disintegration. 2,148,045; Feb. 21.
Burkhardt, Wilhelm, Berlin-Grunewald, and R. Reinecke, assignors to B. Berghaus, Berlin-Lankwitz, Germany. Metal coating by cathode disintegration. 2,148,046; Feb. 21.
Burkhardt, Wilhelm, Berlin-Grunewald, and R. Reinecke, assignors to B. Berghaus, Berlin-Lankwitz, Germany. Coating articles by vaporized coating materials. 2,157,478; May 9.
Burkhardt, Wilhelm, Berlin-Grunewald, and R. Reinecke, Berlin-Lankwitz, assignors to B. Berghaus, Berlin-Lankwitz, Germany. Metallization by cathode disintegration. 2,163,480; June 20.
Burkhart, Clarence W. (See Riggs, W. S., and Burkhart.)
Burkhart, Ernest E., Hot Springs, Ark. Corn slicer. 2,173,751; Sept. 19.
Burkhart, William H., Baltimore, Md., and E. T. Marceau, Maplewood, N. J., assignors to Hecker Products Corporation. Soap product and the manufacture thereof. 2,152,788; Apr. 4.
Burkholder, Alden H. (See Kline, H. B., and Burkholder.)
Burkholder, Alden H. (See Kline, H. B., Knebusch, and Burkholder.)
Burkholder, Alden H. (See Knebusch, W. F., and Burkholder.)
Burklin, Adolf J., assignor to The Burkay Company, Toledo, Ohio. Gas burner. 2,143,908; Jan. 17.
Burks, Arthur W., Decatur, Ill. Air-volume control mechanism. 2,172,057; Sept. 5.
Burks, Arthur W., Decatur, Ill. Air-volume control mechanism. 2,172,097; Sept. 5.
Burks, John E., Great Neck, assignor to M. Fleischer, New York, N. Y. Photographic apparatus. 2,180,194; Nov. 14.
Burman & Sons Limited. (See Briggs, Walter H., assignor.)
Burmeister, Hans, Berlin, Germany, assignor to Pyrene-Minimax Corporation. Method and apparatus for generating foam. 2,143,138; Jan. 10.
Burmeister, Hermann. (See Auerbach, R., and Burmeister.)
Burmeister, Hermann, Berlin-Spandau, Germany, assignor to General Electric Company. Electric circuit interrupter. 2,169,871; Aug. 15.
Burmeister, L., Co. (See Burmeister, Lloyd G., assignor.)
Burmeister, Lloyd G., assignor to L. Burmeister Co., Milwaukee, Wis. Spiral conveyer. 2,147,878; Feb. 21.
Burmeister, Lloyd G., assignor to L. Burmeister Co., Milwaukee, Wis. Spiral conveyer. 2,147,879; Feb. 21.
Burnard, Elwood W., Rochester, N. Y. Bat for games such as table tennis. 2,152,239; Mar. 28.
Burndy Engineering Co. (See Dibner, Abraham B., assignor.)
Burndy Engineering Co. (See Dibner, B., and Rogoff, assignors.)
Burndy Engineering Co. (See Hofmann, Johannes W., assignor.)
Burndy Engineering Co. (See Rogoff, Julian, assignor.)
Burneleit, Willy. (See Mieg, W., and Burneleit.)
Burneleit, Willy. (See Mieg, W., Wieners, and Burneleit.)
Burnelli Aircraft, Limited. (See Burnelli, Vincent, assignor.)
Burnelli, Vincent J., assignor to Burnelli Aircraft, Limited, Keyport, N. J. All-wing airplane with separable flotation section. 2,181,574; Nov. 28.
Burner, Bingham, Annapolis, Md. Automatic infinitely variable transmission. 2,181,118; Nov. 28.
Burner, Leonard C., Marshfield, Oreg. Wire stretcher. 2,184,379; Dec. 26.
Burner, William L., Columbus, assignor, by mesne assignments, to Western-Austin Company, Aurora, Ill. Dump car. 2,143,934; Jan. 17.
Burnet, Samuel F., Webster Groves, Mo., assignor to Laclede-Christy Clay Products Company. Wall structure. 2,170,233; Aug. 22.
Burnett, Alexander, assignor to Industrial Patents Corporation, Chicago, Ill. Filling machine. 2,176,121; Oct. 17.
Burnett, Chester R., Niles, Mich. Dental forceps. 2,175,952; Oct. 10.
Burnett, Richard T., Mishawaka, assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,168,700; Aug. 8.
Burnett, Richard W., Chicago, Ill. Hand brake. 2,158,055; May 16.
Burnett, William E. (See Williams, C. E., and Burnett.)
Burnette, Wyatt T. (See Pugh, Samuel T., assignor.)
Burnham, Raymond, Chicago, Ill., assignor, by mesne assignments, to S. Karpen & Bros. Reversible seat. 2,148,187; Feb. 21.
Burnham, Raymond, Chicago, Ill., assignor, by mesne assignments, to S. Karpen & Bros. Reversible seat. 2,176,390; Oct. 17.
Burnip, Harold A., assignor to United States Stoneware Company, Cleveland, Ohio. Pipe joint. 2,165,920; July 11.
Burnley, Robert C., Louisville, Ky. Animal trap. 2,160,809; June 6.
Burns, Alfred P. (See Keane, J. A., Kittredge, and Burns.)
Burns, Alfred P. (See Schmide, W. D., Burns, and Corbett.)
Burns, Alfred P., assignor to The Heald Machine Company, Worcester, Mass. Grinding machine. 2,156,970; May 2.
Burns, Charles H., Lancaster, Pa., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Friction clutch facing. 2,144,831; Jan. 24.
Burns, Chester S., Ellensburg, Wash. Chaining pin carrier for surveyors. 2,149,758; Mar. 7.
Burns, Cloyd E. (See Hogg, Robert T. and H. V.)
Burns, Edward V., Cicero, and E. W. Bacon, assignors to Wilson-Jones Company, Chicago, Ill. Apparatus for attaching paper fasteners. 2,173,390; Sept. 19.
Burns, Everett C., Spokane, Wash. Hairpin. 2,166,460; July 18.
Burns, Frank B. (See Schuetz, C. C., and Burns.)
Burns, Fred J., Saginaw, Mich., assignor to The Columbia Mills Inc., New York, N. Y. Tilting device. 2,146,935; Feb. 14.
Burns, George A. (See Rayner, T. R., Burns, and Woodhead.)
Burns, George L., Bluffton, Ohio. Sand pump. 2,171,539; Sept. 5.
Burns, Herbert A., Forest Hills, N. Y., assignor to International Cigar Machinery Company. Tipped cigar and forming the same. 2,167,170; July 25.
Burns, Herbert A., Forest Hills, N. Y., assignor to International Cigar Machinery Company. Tear strip band. 2,178,557; Nov. 7.
Burns, Jabez, & Sons, Inc. (See Morgan, Joseph B., assignor.)
Burns, James E (See Brün, W., and Burns.)
Burns, James P., Nashville, Tenn. Slope finisher attachment for road machines. 2,173,407; Sept. 19.
Burns, John R., Powell, Ohio. Phosphorus charging method and apparatus. 2,164,228; June 27.
Burns, John S., assignor to American Box Board Company, Grand Rapids, Mich. Container construction. 2,149,955; Mar. 7.
Burns, John S., Detroit, Mich., and A. N. Emmons, Nedrow, N. Y., assignors to The Porter-Cable Machine Company Inc., Syracuse, N. Y. Disk cutter. 2,161,994; June 13.
Burns, Joseph, Milwaukee, Wis. Abrasive wheel. 2,181,547; Nov. 28.
Burns, Joseph R., Millbourne, Pa. Package binding device. 2,145,339; Jan. 31.
Burns, Robert. (See Ritchie, P. D., Jones, and Burns.)
Burns, Robert P., Los Angeles, Calif. Hair curling. 2,159,131; May 23.
Burns, Robert S. (See Hudson, E. B., and Burns.)
Burns, Ruth M., et al. (See Ashcroft, Ethel P., as-
Burns, Thomas H., Boston, Mass. Supercharger. 2,175,106; Oct. 3.
signor.)
Burns, Walter, et al. (See Eastin, Rollie R., assignor.)
Burns, Wilford E., Burlingame, Calif., assignor to M. J. B. Co. Can body making machine. 2,142,235; Jan. 3.
Burns, Wilford E., Burlingame, assignor to M. J. B. Company, San Francisco, Calif. Method of and means for waxing tin plate. 2,159,351; May 23.
Burns, Wilford E., Burlingame, assignor to M. J. B. Company, San Francisco, Calif. Pneumatic counterbalance for crank motion machines. 2,172,346; Sept. 12.
Burns, Wilford E., Burlingame, assignor to M. J. B. Company, San Francisco, Calif. Feed roll for sheet material. 2,181,314; Nov. 28.
Burns, William, et al. (See Eastin, Rollie R., assignor.)
Burnside, Don G., East Orange, N. J., assignor to Radio Corporation of America. Constant bias diode detector circuit. 2,144,606; Jan. 24.
Burnside, James H., 2d, assignor, by mesne assignments, to Circuit Breakers, Inc., New York, N. Y. Circuit breaker. 2,162,935; June 20.
Burnside, John, Glasgow, Scotland. Wind-screen wiper. 2,171,393; Aug. 29.
Burnstein, Isaac, Buffalo, N. Y. Clothes pressing machine. 2,160,013; May 30.
Burr, Henry B. (See Ryan, Thomas, assignor.)
Burr, Leland M., Jr., Lincoln, assignor to Cutter Manufacturing Company, Cambridge, Mass. Frame for fire screens, etc. 2,152,374; Mar. 28.
Burr, Myrtice C., and H. B. Eynon, assignors to Pure Carbon Company, Inc., St. Marys, Pa. Brush for dynamo-electric machines and making. 2,172,045; Sept. 5.
Burrage, Leslie J., Liverpool, England, assignor to Imperial Chemical Industries Limited. Treatment of acid gases. 2,165,784; July 11.

Burrell, Benjamin S., East Chicago, Ind. Strainer apparatus. 2,184,177; Dec. 19.
Burrell, Charles D. (See Haworth, J. G., and Burrell.)
Burrell, Charles D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for packing glass sheets. 2,169,677; Aug. 15.
Burrell, Edward P., Shaker Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Way guard for machine tools. 2,149,881; Mar. 7.
Burrell, Ellis, assignor to Jiggers, Inc., Chicago, Ill. Soldering device. 2,146,393; Feb. 7.
Burrell, Harry, Bloomfield, N. J., assignor to Ellis-Foster Company. Recovering gold from solutions. 2,162,936; June 20.
Burrell, Loomis, Little Falls, and R. K. Miner, Oriskany Falls, N. Y., assignors to Cherry-Burrell Corporation, Wilmington, Del. Capping mechanism for bottles and the like. 2,142,302; Jan. 3.
Burrell, Loomis, Little Falls, and R. K. Miner, Oriskany Falls, N. Y., assignors to Cherry-Burrell Corporation, Chicago, Ill. Receptacle and closure cap therefor. 2,168,321; Aug. 8.
Burrill, Charles M., Haddonfield, N. J., assignor to Radio Corporation of America. Reduction of noise. 2,151,739; Mar. 28.
Burrill, Charles M., Haddonfield, N. J., assignor to Radio Corporation of America. Reduction of noise. 2,151,740; Mar. 28.
Burrill, Harold G., Baltimore, Md. Machine for undulatingly corrugating cardboard. 2,166,749; July 18.
Burroughs Adding Machine Company. (See Butler, Thomas M., assignor.)
Burroughs Adding Machine Company. (See Muller, Robert L., assignor.)
Burroughs, Samuel G., Pittsburgh, Pa., assignor to Pennsylvania Coal Products Company. Preserving rubber and product. 2,176,881; Oct. 24.
Burroughs, Samuel G., Pittsburgh, Pa., assignor to Pennsylvania Industrial Chemical Corporation. Decolorization of still residue. 2,183,830; Dec. 19.
Burroughs Wellcome & Co. (U. S. A.) (See Reiner, Laszlo, assignor.)
Burrow, George A., Tulsa, Okla. Hydraulic brake. 2,142,174; Jan. 3.
Burrow, Herbert T., assignor to Malleable Iron Range Company, Beaver Dam, Wis. Combination range. 2,147,331; Feb. 14.
Burrowes Corporation, The. (See Sawyer, William B., assignor.)
Burrows Company, The. (See Abbott, Scott M., assignor.)
Burrows, Lawton A., Wenonah, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electric blasting initiator. 2,173,270; Sept. 19.
Burrows, Lawton A., Wenonah, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ignition composition. 2,173,271; Sept. 19.
Burrows, Lawton A., Wenonah, N. J., and S. L. Handforth, Gordon Heights, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Electric blasting cap. 2,153,171; Apr. 4.
Burrows, Lawton A., Wenonah, and W. F. Filbert, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ignition composition. 2,175,249; Oct. 10.
Burrows, Lawton A., Wenonah, and W. E. Lawson, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Electric fuse having combustible elements comprising lead salts of nitrophenols. 2,175,250; Oct. 10.
Burrows, Robert J., and A. O. Williams, Battle Creek, assignors, by mesne assignments, to Clark Equipment Company, Buchanan, Mich. Air conditioning system for rail cars. 2,148,105; Feb. 21.
Burrows, Robert J., Battle Creek, R. Lapsley, Berrien Springs, and A. O. Williams, Battle Creek, assignors, by mesne assignments, to Clark Equipment Company, Buchanan, Mich. Selective drive mechanism. 2,150,150; Mar. 14.
Burrows, Robert J., Battle Creek, R. Lapsley, Berrien Springs, and A. O. Williams, Battle Creek, assignors to Clark Equipment Company, Buchanan, Mich. Selective drive mechanism. 2,150,151; Mar. 14.
Burrows, Robert J., and A. O. Williams, Battle Creek, assignors to Clark Equipment Company, Buchanan, Mich. Wheel. 2,167,633; Aug. 1.
Bursack, Milton A. (See Henning, W., Bursack, and Loeb.)
Bursick, Edward R., Omaha, Nebr., assignor, by mesne assignments, to Industrial Patents Corporation, Chicago, Ill. Tongue protector and extractor therefor. 2,168,728; Aug. 8.
Bursill, Archibald, Burnham, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Automatic control mechanism for gramophones and the like. 2,178,199; Oct. 31.
Bursnall, William G., Norfolk, Va. Dispensing top for containers. 2,181,045; Nov. 21.
Burson, Harry H., assignor to N. C. Spong, Chicago, Ill. Attaching means for wallboards and studdings. 2,172,358; Sept. 12.
Burson, Harry H., assignor to N. C. Spong, Chicago, Ill. Clip for wallboards. 2,173,094; Sept. 19.
Burson Knitting Company. (See Hinchliff, Edward C., assignor.)
Burson Knitting Company. (See Hinchliff, Ralph and E. C., assignors.)
Burstin, Hugo. (See Bauer, K., v. Piotrowski, Burstin, and Winkler.)
Burt, Alexander D., Narberth, Pa., assignor to Radio Corporation of America. Signal translating apparatus. 2,155,469; Apr. 25.
Burt, Clarence E. (See Baker, R. C., and Burt.)
Burt, Clarence E., Los Angeles, assignor to Baker Oil Tools, Inc., Huntington Park, Calif. Producing slips for oil well tools. 2,153,035; Apr. 4.
Burt, Clarence E., Los Angeles, and R. Mayer, assignors to Baker Oil Tools, Inc., Huntington Park, Calif. Polyphase luminous tube and circuit. 2,153,036; Apr. 4.
Burt, Daniel W., Providence, R. I. Animal trap. 2,163,827; June 27.
Burt, F. N., Company. (See Royal, Joseph N., assignor.)
Burt, Harold A. (See Frolander, F. C., and Burt.)
Burtenshaw, George H., Taumarunui, Auckland, New Zealand, assignor to The Dentists' Supply Company, New York, N. Y. Denture demonstrating device. 2,178,717; Nov. 7.
Burtnett, Edith G. (See Burtnett, Everett R., assignor.)
Burtnett, Everett R., assignor of one-third to E. G. Burtnett, Los Angeles, Calif. Automatic change speed transmission. 2,167,873; Aug. 1.
Burton-Allen Gold Reclaiming Corporation. (See Burton, Harry H., assignor.)
Burton, Andrew F., Washington, D. C. Medical and surgical apparatus. 2,183,318; Dec. 12.
Burton-Dixie Corporation. (See Contino, Nicholas, assignor.)
Burton-Dixie Corporation. (See Ward, J. C., Jr., and Mueller, assignors.)
Burton-Dixie Corporation. (See Wesley, Arthur, assignor.)
Burton, Edgar F., Kansas City, Kans., assignor of one-third to E. J. Marcus, Kansas City, Kans., and J. H. Meik, Kansas City, Mo., one-fifth to J. F. Riley, four and two-thirds per cent to T. J. Riley, four and two-thirds per cent to A. C. Riley, four and two-thirds per cent to H. B. Riley, four and one-half per cent to J. P. Jonz, four and one-half per cent to G. E. Ford, and two per cent to G. C. McDermett, Wichita Falls, and five per cent to F. C. Key, Wichita County, Tex. Replaceable shaft surfacing bearing elements. 2,170,545; Aug. 22.
Burton, Everett T., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic impulse storing device. 2,147,688; Feb. 21.
Burton, Everett T., Millburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic device. 2,164,383; July 4.
Burton, Frank F., Mount Carmel, Conn., assignor, by mesne assignments, to Western Cartridge Company. Adjustable sight mount for firearms. 2,165,785; July 11.
Burton, Harry H., Whitman, Mass., assignor to Burton-Allen Gold Reclaiming Corporation, Wilmington, Del. Metals separation. 2,160,955; June 6.
Burton, Harry H., Whitman, Mass., assignor to Burton-Allen Gold Reclaiming Corporation, Wilmington, Del. Ore concentration. 2,166,392; July 18.
Burton, James R., Jasper, Ala., assignor to Burton Manufacturing Company. Golf bag. 2,144,791; Jan. 24.
Burton, John, Edgbaston, Birmingham, England. Scaffolding clamp. 2,165,221; July 11.
Burton, John N., Center Moriches, assignor to Hockey Roller Skate Co., Inc., New York, N. Y. Roller skate for hockey. 2,145,219; Jan. 24.
Burton Manufacturing Company. (See Burton, James R., assignor.)
Burton, Thomas H. (See Stephenson, H. W., and Burton.)
Burton, Warren D. (See McAdams, J. E., and Burton.)
Burwell, Elvin C., Los Angeles, Calif., assignor, by mesne assignments, to The Evanston Company. Mixed paint. 2,151,184; Mar. 21.
Bury, Paul A. (See Frey, F. E., and Bury.)
Busby, Arthur H. W., and R. K. Blois, Trail, British Columbia, assignors to The Consolidated Mining & Smelting Company of Canada, Limited, Montreal, Quebec, Canada. Automatic fluid analyzer. 2,161,453; June 6.
Busby, Robert S., West Palm Beach, Fla. Internal combustion motor. 2,169,120; Aug. 8.
Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Construction of car trucks and working parts thereof. 2,170,112; Aug. 22.
Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Trussed brake beam. 2,170,113; Aug. 22.
Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Brake beam strut. 2,170,114; Aug. 22.
Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Brake head. 2,170,115; Aug. 22.
Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Combination brake beam and head. 2,170,116; Aug. 22.
Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Making brake beams. 2,170,117; Aug. 22.

Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Car truck side frame. 2,170,118; Aug. 22.

Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Car truck side frame. 2,170,119; Aug. 22.

Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Brake beam. 2,170,120; Aug. 22.

Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Brake beam. 2,170,121; Aug. 22.

Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Brake beam. 2,170,122; Aug. 22.

Busch, Charles R., Orange, N. J., assignor to Buffalo Brake Beam Company, New York, N. Y. Car truck side frame. 2,170,123; Aug. 22.

Busch, Robert W., Maywood, Ill., assignor of one-third to F. E. Hummel and one-third to C. T. Patock. Comb cleaner. 2,170,772; Aug. 22.

Busch, Herman, Long Island City, assignor to Airmatic Systems, Inc., New York, N. Y. Pneumatic dispatch tube carrier. Re. 21,002; Feb. 14.

Buschbeck, Werner. (See Gothe, A., Buschbeck and Kautter.)

Buschbeck, Werner. (See Scharlau, H., Runge, Buschbeck, and Fritz.)

Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Resistance-coupled amplifier. 2,143,540; Jan. 10.

Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Frequency measurement means. 2,146,526; Feb. 7.

Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Transmitter tube circuit. 2,153,172; Apr. 4.

Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Coupling device. 2,157,523; May 9.

Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Short wave antenna. 2,158,271; May 16.

Buschbeck, Werner, and H. Prost, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Neutralizing high-frequency push-pull amplifiers. 2,159,731; May 23.

Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Short wave transmitter. 2,163,582; June 27.

Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Wide band amplifier. 2,164,899; July 4.

Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Modulation meter. 2,165,836; July 11.

Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Short wave communication circuit. 2,169,352; Aug. 15.

Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge tube for ultra high frequency systems. 2,170,653; Aug. 22.

Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Neutralized high frequency amplifier. 2,182,960; Dec. 12.

Buschbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Resistance-coupled amplifier. 2,183,707; Dec. 19.

Busche, Adolphe, Woodbridge, N. J., assignor to American Smelting and Refining Company, New York, N. Y. Method and apparatus for casting copper anodes. 2,151,683; Mar. 28.

Busche, Adolphe, Woodbridge, and J. H. Jago, Fords, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Casting ladle. 2,175,375; Oct. 10.

Buschman, Henry W., Spearman, Tex. Well drilling cable control. 2,157,951; May 9.

Buschmann, Eugen, Chemnitz, assignor to Wanderer-Werke vorm. Winklhofer & Jaenicke Akt.-Ges., Siegmar-Schonau, Germany. Line spacing mechanism. 2,156,371; May 2.

Busee, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway brake beam structure. 2,182,197; Dec. 5.

Buser, Johann, Basel, Switzerland. Electric lamp connecting device. 2,160,431; May 30.

Buser, Raymond G., Paterson, N. J. Packaging of ribbon. 2,155,641; Apr. 25.

Bush, A. G. (See Criner, Harry J., assignor.)

Bush, Alden J., Columbus, Ohio. Selecting artificial teeth. 2,169,719; Aug. 15.

Bush, C. Abbott, et al. (See Shigley, William W., assignor.)

Bush, E. Daniel, et al. (See Shigley, William W., assignor.)

Bush, Edward R., Lemont, Ill., assignor to Chadeloid Chemical Company, New York, N. Y. Stains and related compositions. 2,161,503; June 6.

Bush, Eugene S., assignor to Bush Manufacturing Company, St. Louis, Mo. Combined clutch and transmission control. 2,155,470; Apr. 25.

Bush, Eugene S., assignor to Bush Manufacturing Company, St. Louis, Mo. Clutch control means. 2,163,021; June 20.

Bush Manufacturing Company. (See Bush, Eugene S., assignor.)

Bush Manufacturing Company, The. (See Fagan, Joseph F., assignor.)

Bush, Rankin J., Jeannette, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Inertia operated control device. 2,159,778; May 23.

Bush, Rankin J., Jeannette, and W. H. Glass, Pittsburgh, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,177,959; Oct. 31.

Bush, Theodore R., Royal Oak, Mich., assignor to Borg-Warner Corporation. Ironing apparatus. 2,179,115; Nov. 7.

Bush, Vannevar. Belmont, Mass., assignor, by mesne assignments, to Research Corporation, New York, N. Y. Apparatus for compressing gases. 2,157,229; May 9.

Bush, Vannevar, Belmont, Mass., and E. L. Rose, Waterbury, Conn., assignors, by mesne assignments, to Research Corporation, New York, N. Y. Method of and apparatus for converting heat. 2,175,376; Oct. 10.

Bush, William B., Knoxville, Tenn. Smoking pipe. 2,150,049; Mar. 7.

Bush, William E., Long Beach, Calif. Trailer hitch. 2,159,253; May 23.

Bushbeck, Werner, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna. 2,181,171; Nov. 28.

Büshing, Willi, Dolau-Halle, Germany. Concentration of corrosive substances. 2,172,058; Sept. 5.

Bushman-Moore Incorporated. (See Moore, Harold H., assignor.)

Bushnell, Charles S. (See Preston, N. D., and Bushnell.)

Busi, Mario, assignor to The Silver Globe Corporation. Dry cleaning system. 2,142,995; Jan. 10.

Busi, Mario, assignor to The Silver Globe Corp., New York, N. Y. Dry-cleaning machine. 2,171,499; Aug. 29.

Buss, Charles R., assignor to Spun Rock Wools, Limited, Thorold, Ontario, Canada. Apparatus for and method of forming mineral wool from fusible solids. 2,153,739; Apr. 11.

Buss, Hans, assignor to the firm Aktiengesellschaft der Eisen- und Stohlwerke vormals Georg Fischer, Schaffhouse, Switzerland. Vehicle wheel structure. 2,149,113; Feb. 28.

Busse, Edwin G., assignor to Chicago Railway Equipment Company, Chicago, Ill. Sliding door equipment. 2,167,707; Aug. 1.

Busse, Ernst, Hamburg, Germany, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Optical image intensifier. 2,177,360; Oct. 24.

Busse, Ferdinand. (See Wagner, F., and Busse.)

Busse, Ferdinand, Munich, Germany, assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Photographic enlarging apparatus. 2,168,190; Aug. 1.

Busse, Ferdinand, Munich, Germany, assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Photographic enlarging apparatus. 2,183,764; Dec. 19.

Bussey, Ernest, Birmingham, Ala. Metallic roofing shingle. 2,142,996; Jan. 10.

Bussieres, Georges E. and J. M., Notre-Dame de Charny, Quebec, Canada. Automatic clutch operating mechanism. 2,177,017; Oct. 24.

Bussieres, Jean M. (See Bussieres, Georges E. and J. M.)

Bussmann, Henry T., St. Louis, Mo. Enclosed fuse. 2,148,803; Feb. 28.

Bussmann, Henry T., St. Louis, Mo. Protector for electric circuits. 2,159,423; May 23.

Bussmann, Henry T., St. Louis, Mo. Electric contact member. 2,170,317; Aug. 22.

Bussmeyer, Hans, Dessau, Germany. Method of and apparatus for treating cement raw material and similar substances. 2,157,321; May 9.

Bustamante, Alberto, and B. R. Enriquez, Mexico, D. F., Mexico. Punch. 2,167,103; July 25.

Bustamante, Ramon, assignor to Florida Citrus Exchange, Tampa, Fla. Citrus-cereal breakfast food and making same. 2,147,521; Feb. 14.

Buster, Sanford D., Jr. (See Corcoran, Edward G., assignor.)

Buster, Sanford D., Jr., San Francisco, Calif. Check. 2,174,117; Sept. 26.

Bustetter, Matt, and S. D. Gericke, Yakima, Wash. Fruit picker. 2,179,031; Nov. 7.

Butcher, Kearney, Essendon, Victoria, Australia. Method and apparatus for forming pipes. 2,160,720; May 30.

Butcher, Maude L., Seattle, Wash. Portable filling device. 2,155,783; Apr. 25.

Butenandt, Adolf. (See Serini, A., Strassberger, and Butenandt.)

Butenandt, Adolf, Danzig-Langfuhr, Free City of Danzig, assignor to Schering Aktiengesellschaft. Pregnanolones and producing the same from pregnandiols. 2,160,719; May 30.

Butenandt, Adolf, Danzig-Langfuhr, Free City of Danzig, and F. Hildebrandt, Hohen Neuendorf, near Berlin, Germany, assignors to Schering Aktiengesellschaft. Pregnanolones and producing the same from 3-hydroxy bisnorcholanic acids. 2,156,275; May 2.

Butenandt, Adolf, Berlin-Lichterfelde, and W. Logemann, Berlin-Charlottenburg, Germany, assignors to Schering Aktiengesellschaft. Compounds of the androstane and pregnane series and producing the same. 2,170,124; Aug. 22.
Butherus, Frederick R., Enfield, England, assignor to Sangamo Electric Company, Springfield, Ill. Electric clock movement. 2,146,499; Feb. 7.
Butkiewicz, Felix, Omro, Wis. Cast cutter. 2,180,457; Nov. 21.
Butler, Alfred, Albion, assignor of one-third to R. B. Bentley, Marshall, Mich. Screen frame construction. 2,153,454; Apr. 4.
Butler, Benjamin F. (See Williams, O. M., Baker, and Butler.)
Butler, Benjamin J., assignor, by mesne assignments, to Metals & Controls Corporation, Attleboro, Mass. Thermostatic control. 2,153,297; Apr. 4.
Butler, Carl P., New York, N. Y. Water-tube boiler. 2,144,792; Jan. 24.
Butler, Charles S., Mansfield, Ohio. Pliers. 2,175,626; Oct. 10.
Butler, Courtland L., and L. H. Cretcher, Pittsburgh, Pa., assignors to Mellon Institute of Industrial Research. Benzyl-oxyalkyl aromatic sulphonates. 2,172,606; Sept. 12.
Butler, Courtland L., A. G. Renfrew, and L. H. Cretcher, Pittsburgh, Pa., assignors to Mellon Institute of Industrial Research. Benzyl-oxyalkyl and hydroxyalkyl ethers of cinchona alkaloids and preparation. 2,172,607; Sept. 12.
Butler, Courtland L., Bennington, Vt., A. G. Renfrew and L. H. Cretcher, Pittsburgh, Pa., assignors to Mellon Institute of Industrial Research. Benzyl-oxyalkyl and hydroxyalkyl ethers of cinchona alkaloids and preparation. 2,172,608; Sept. 12.
Butler, Frank D., U. S. Navy. Expansive fluid-actuated, pilot-controlled valve mechanism for motors of reciprocating pumps. 2,183,538; Dec. 19.
Butler, Frank D., U. S. Navy. Valve mechanism for motors of pumps. 2,183,539; Dec. 19.
Butler, Fred A. (See Doyle, E. J., and Butler.)
Butler, Henry E., Scotia, N. Y., assignor to General Electric Company. Luminaire. 2,147,482; Feb. 14.
Butler, Henry E., Scotia, N. Y., assignor to General Electric Company. Luminaire. 2,176,729; Oct. 17.
Butler, Henry E., Scotia, N. Y., assignor to General Electric Company. Film cut-out. 2,180,976; Nov. 21.
Butler, Henry R., Verona, N. J., assignor to Wired Radio, Inc., New York, N. Y. Filter network. 2,176,046; Oct. 17.
Butler, Henry R., Verona, N. J., assignor to Wired Radio, Inc., New York, N. Y. Wired radio service system. 2,179,612; Nov. 14.
Butler, Henry R., Verona, N. J., assignor to Wired Radio, Inc., New York, N. Y. Wired radio change-over system. 2,183,931; Dec. 19.
Butler, Hylas M., Lewis, Kans. Signaling device. 2,152,789; Apr. 4.
Butler, James E., Woodville, Ala. Change speed mechanism for bicycles. 2,168,322; Aug. 8.
Butler, Joe K. (See Vietti, W. V., and Butler.)
Butler, John B. (See Holt, T. W., and Butler.)
Butler, John W. (See Buell, R. C., Crary, Butler, and Concordia.)
Butler, John W., Schenectady, N. Y., assignor to General Electric Company. System of electrical distribution. 2,149,083; Feb. 28.
Butler, John W., Schenectady, N. Y., assignor to General Electric Company. Electric circuit. 2,158,926; May 16.
Butler, Robert S., Claremont, N. H., assignor to Sullivan Machinery Company. Reduction. 2,168,081; Aug. 1.
Butler, Robert S., Claremont, N. H., assignor to Sullivan Machinery Company. Apparatus for reduction. 2,168,082; Aug. 1.
Butler, Robert S., Claremont, N. H., assignor to Sullivan Machinery Company. Crusher. 2,168,083; Aug. 1.
Butler, Robert S., Claremont, N. H., assignor to Sullivan Machinery Company. Size-reducing apparatus. 2,168,084; Aug. 1.
Butler, Robert S., Claremont, N. H., assignor to Sullivan Machinery Company. Mill. 2,168,087; Aug. 1.
Butler, Robert S., Claremont, N. H., assignor to Sullivan Machinery Company. Mill. 2,168,088; Aug. 1.
Butler, Robert S., Claremont, N. H., assignor to Sullivan Machinery Company. Size-reducing apparatus. 2,168,091; Aug. 1.
Butler, Robert S., Santa Monica, Calif., assignor to Sullivan Machinery Company. Mill. 2,168,085; Aug. 1.
Butler, Robert S., Santa Monica, Calif., assignor to Sullivan Machinery Company. Mill. 2,168,086; Aug. 1.
Butler, Robert S., Santa Monica, Calif., assignor to Sullivan Machinery Company. Mill. 2,168,089; Aug. 1.
Butler, Robert S., Santa Monica, Calif., assignor to Sullivan Machinery Company. Pulverizer. 2,168,090; Aug. 1.
Butter, Russell A., Orion, and L. B. Neighbour, assignors to Deere & Company, Moline, Ill. Caster wheel. 2,181,722; Nov. 28.
Butler, Thomas M., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2,165,340; July 11.
Butler, William F., Hillside, N. J., assignor to American Can Company, New York, N. Y. Article feeder for can making machines. 2,175,177; Oct. 10.
Butler, William H. (See Turkington, V. H., and Butler.)
Butler, William H., Palisades Park, N. J., assignor to Bakelite Corporation, New York, N. Y. Polyhydric alcohol resins. 2,144,101; Jan. 17.
Butler, William H., Palisades Park, N. J., assignor to Bakelite Corporation, New York, N. Y. Heat-reactive oil-soluble resin. 2,171,914; Sept. 5.
Butler, William H., Palisades Park, N. J., assignor to Bakelite Corporation, New York, N. Y. Oil-soluble resinous products. 2,174,819; Oct. 3.
Butler, William H., Palisades Park, N. J., assignor to Bakelite Corporation, New York, N. Y. Oil resistant composition. 2,183,234; Dec. 12.
Butler, William H., Palisades Park, N. J., and E. H. Gross, Wethersfield, Conn., assignors to Bakelite Corporation, New York, N. Y. Electrical structure. 2,149,805; Mar. 7.
Butler, William J., Bickley, assignor to Kleentainers (British & Overseas) Ltd., Bromley, Kent, England. Container, carton, and the like. 2,147,087; Feb. 14.
Butman, Helen L., Kalamazoo, Mich. Dressing bag. 2,157,280; May 9.
Butter, Russel A., Orion, and L. B. Neighbour, assignors to Deere & Company, Moline Ill. Fertilizer distributor. 2,144,361; Jan. 17.
Butterfield, Truman L., Middlebury, Vt. Duplicator. 2,146,621; Feb. 7.
Butterfield, Wendell. (See Lane, G. T., and Butterfield, assignors.)
Büttner, Artur, assignor to Schnellpressenfabrik Aktiengesellschaft Heidelberg, Heidelberg, Germany. Single-revolution cylinder printing press. 2,151,838; Mar. 28.
Buttner, Horace J., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Piston cooling. 2,142,175; Jan. 3.
Büttner, Hugo, Wuppertal-Vohwinkel, Germany. Apparatus for making spring assemblies or spring fillings. 2,177,862; Oct. 31.
Buttner, Theodore W., assignor to Robinson-Houchin Optical Company, Columbus, Ohio. Producing lenses. 2,169,404; Aug. 15.
Buttner-Werke Aktiengesellschaft. (See Schneider, Ernst, assignor.)
Buttner, William C., Winnetka, assignor to The Bastian Blessing Company, Chicago, Ill. Beverage dispensing system and apparatus. 2,168,059; Aug. 1.
Buttner, William C., Winnetka, assignor to The Bastian-Blessing Co., Chicago, Ill. Automatic throw-over. 2,168,701; Aug. 8.
Buttner, William C., Winnetka, assignor to The Bastian-Blessing Co., Chicago, Ill. Connector. 2,172,863; Sept. 12.
Buttner, William C., Winnetka, assignor to The Bastian-Blessing Co., Chicago, Ill. Liquid dispensing means. 2,176,579; Oct. 17.
Buttner, William C., Winnetka, assignor to The Bastian-Blessing Co., Chicago, Ill. Gas supply system. 2,176,580; Oct. 17.
Buttner, William C., Winnetka, assignor to The Bastian-Blessing Co., Chicago, Ill. Excess flow check valve. 2,179,144; Nov. 7.
Buttner, William C., Winnetka, and R. E. Evarts, assignors to The Bastian-Blessing Co., Chicago, Ill. Buried gas system. 2,155,179; Apr. 18.
Button, Leslie M., Fort Lewis, Wash. Pressure control valve. 2,145,246; Jan. 31.
Buttress, George A., Los Angeles, Calif. Lath. 2,176,327; Oct. 17.
Butts, Charlie A., Grand Island, Nebr. Bite gauge. 2,154,148; Apr. 11.
Butz, John G., assignor to The Atlantic Refining Company, Philadelphia, Pa. Lubricant. 2,149,271; Mar. 7.
Butz, John G., Philadelphia, and L. N. Leum, Lansdowne, assignors to The Atlantic Refining Company, Philadelphia, Pa. Producing an improved lubricating oil. 2,176,884; Oct. 24.
Butzbach, Orville K., assignor to The Studebaker Corporation, South Bend, Ind. Gear shifting mechanism. 2,180,579; Nov. 21.
Butzbach, Orville K., and H. E. Churchill, assignors to The Studebaker Corporation, South Bend, Ind. Transmission. 2,183,485; Dec. 12.
Bux, Julius R., Melrose Park, and A. L. Francis, assignors to J. Sullivan & Sons Mfg. Co., Philadelphia, Pa. Tape with corded edges. 2,144,591; Jan. 17.
Buxbaum, Bertold, Berlin, Germany. Mineral oil. 2,151,585; Mar. 21.
Buxbaum, Edwin C., Shorewood, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Arylamino-aryloxy-hydroxy-anthraquinones. 2,151,634; Mar. 21.
Buxbaum, Edwin C., Shorewood, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dihalogen quinizarins. 2,181,046; Nov. 21.
Buxbaum, Edwin C., Silverside Heights, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuff intermediates of the anthraquinone series. 2,180,336; Nov. 21.
Buxbaum, Edwin C., Silverside Heights, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone series. 2,180,337; Nov. 21.
Buxton, Alice G. S., New York, N. Y. Boot and shoe. 2,148,012; Feb. 21.

Buxton, Jay, Hawthorne, Calif. Rubber faucet extension. 2,171,023; Aug. 29.
Buxton & Skinner Printing & Stationery Company. (See Hermann, Otto L., assignor.)
Buxton, Warner R., Longmeadow, Mass. Memorandum book. 2,161,015; June 6.
Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 2,176,987; Oct. 24.
Buyck, Jules A., Detroit, Mich., now by judicial change of name John Arlon Buick. Regulatable radiator ventilation for motor vehicles. 2,162,526; June 13.
Buzan, George P. (See Davidson, Voris, assignor.)
Buzick, George and S., Perth Amboy, N. Y. Picture display panel for lamp shades and the like. 2,177,204; Oct. 24.
Buzick, Sandor. (See Buzick, George and S.)
Buzzard, Gale H., and H. A. Roselund, assignors to The De Vilbiss Company, Toledo, Ohio. Spray apparatus. 2,169,514; Aug. 15.
Buzzard, Robert W., Kensington, Md. Treatment of magnesium and its alloys. 2,163,583; June 27.
Buzzell, Dow A., Hastings, Nebr. Concrete riprap. 2,159,685; May 23.
Bybee, Eugene S., Napa, Calif. Automobile headlight. 2,146,936; Feb. 14.
Bybee, Robert L., Horseshoe Bend, Idaho. Collapsible sign. 2,155,300; Apr. 18.
Byck, Harold T (See Loomis, A. G., Byck, and Fidiam.)
Bye, Mortimer, Cincinnati, Ohio. Product for the treatment of the alimentary canal. 2,170,921; Aug. 29.
Byerlein, Erle J., Progreso, Tex., and H. E. Fellows, Wauwatosa, assignors to Milwaukee Foundry Equipment Company, Milwaukee, Wis. Molding machine. 2,142,491; Jan. 3.
Byers, Jacob J., Oakland, Calif., assignor to National Malleable and Steel Casting Company, Cleveland, Ohio. Shim for car trucks. 2,150,360; Mar. 14.
Byers, John A., Chicago, Ill. Pipe joint. 2,145,645; Jan. 31.
Byers, John R., Jr. (See Wagar, George H., Sr., assignor.)
Byers, Laud S., Glendale, Calif., assignor to Molex Explosives, Ltd., Manila, P. I. Explosive. 2,162,910; June 20.
Byers, Ralph J., assignor to Chicago Mill and Lumber Company, Chicago, Ill. Box. 2,167,329; July 25.
Byington, James A., Orlando, Fla. Fruit packer's stand. 2,147,522; Feb. 14.
Byl, Frederick M., San Jose, Calif. Box strapping machine. 2,182,221; Dec. 5.
Byland, Conrad F., assignor to Dresag A. G., Zurich, Switzerland. Destroying the energy of mass oscillations of solid bodies. 2,155,052; Apr. 18.
Bynum, Pink T., Beeville, Tex. Casing perforating device. 2,171,442; Aug. 29.
Bynum, Robert N., et al. (See McCauley, John W., assignor.)
Byram, George M., Asheville, N. C., dedicated to the free use of the People in the Territory of the United States. Haze meter. 2,154,374; Apr. 11.
Byrkett, Harry E., Indianapolis, Ind., and C. H. Dial, Decatur, assignors to General Outdoor Advertising Company, Inc., Chicago, Ill. Open-faced billboard. 2,157,931; May 9.
Byrkit, Gordon D. (See Lincoln, B. H., and Byrkit.)
Byrkit, Rollin J., Jr., Marshallton, assignor to Hercules Powder Company, Wilmington, Del. Hydrogenation process. 2,155,036; Apr. 18.
Byrkit, Rollin J., Jr., Marshallton, assignor to Hercules Powder Company, Wilmington, Del. Hydrogenation process. 2,174,651; Oct. 3.
Byrn, Eugene, assignor of fifty per cent to E. Lapinski, Johnston City, Ill. Hairpin remover. 2,178,776; Nov. 7.
Byrne, George J., Chicago, Ill. Combustion control system. 2,183,184; Dec. 12.
Byrne, Hugh J., Oakland, Calif. Automatic variable speed control mechanism. 2,182,310; Dec. 5.
Byrne, James T., New York, N. Y. Apparatus for heating liquid. 2,143,841; Jan. 17.
Byrne, John F., assignor to Collins Radio Company, Cedar Rapids, Iowa. Telescoping vertical radiator and erecting the same. 2,173,095; Sept. 19.
Byrne, Julius I., Detroit, Mich. Door operating system. 2,178,136; Oct. 31.
Byrne, Julius I., Detroit, Mich. Door construction. 2,178,137; Oct. 31.
Byrne, Paul F. (See Kolster, F. A., and Byrne.)
Byrne, Paul F., West Caldwell, assignor to Federal Telegraph Company, Newark, N. J. Shielding arrangement for high frequency transmission systems. 2,159,627; May 23.
Byrnes, Charles A., Chicago, Ill. Clothes hanger and lock therefor. 2,171,682; Sept. 5.
Byrnes, Clarence P., trustee. (See James, Joseph H., assignor.)
Byrnes, Clarence P. (See Pedersen, I. O., and Byrnes, assignors.)
Byrnes, Edward P., and E. D. Davis, Chicago, Ill., assignors to The Boye Needle Company. Package for needles and the like. 2,166,714; July 18.
Byrnes, Thomas J., Omaha, Nebr. Air resistor. 2,149,161; Feb. 28.
Byrnes, William S., Bridgeport, Conn. Masonry guide. 2,143,237; Jan. 10.
Byron Jackson Co. (See Grau, H. E., and Hertel assignors.)
Byron Jackson Co. (See Hollander, A., and Hoover, assignors.)
Byron Jackson Co. (See Lundeen, Chester A., assignor.)
Byron Jackson Co. (See Mendenhall, E., and Van Horn, assignors.)
Byron Jackson Co. (See Patin, Thaddeus, assignor.)
Byron, Thomas H., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Centrifugal spinning process. 2,153,823; Apr. 11.
Bystricky, Joseph. (See Thomas, G. F., and Bystricky.)
Bystricky, Joseph. (See Thomas, G. F., Ross, and Bystricky.)
Bywater, Wilfred M., Weehawken, N. J., assignor to The Barrett Company, New York, N. Y. Digesting solid carbonaceous minerals. 2,174,184; Sept. 26.
C M C Corporation. (See Moreno, Gabriel G., assignor.)
C-M-P Fishing Tool Company. (See Church, Walter L., assignor.)
C-O-Two Fire Equipment Company. (See Allen, S. E., and Rennert, assignors.)
C-O-Two Fire Equipment Company. (See Betzler, Martin, assignor.)
C. S. I. Development Corporation. (See Parker, Louis W., assignor.)
Cabassa, Alexander A., Lakeland, Fla. Salt water rod and reel. 2,182,423; Dec. 5.
Cable and Wireless Limited. (See Warburton, Fred, assignor.)
Cabot, Godfrey L., Inc. (See Offutt, Harold H., assignor.)
Cabot Shops, Inc. (See Swanson, Arthur, assignor.)
Cadden, Charles C. (See Matthews, A. T., and Cadden.)
Cadden, Charles C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Lint collector for textile machines. 2,147,190; Feb. 14.
Cadden, Charles C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Balancing machine. 2,155,528; Apr. 25.
Cadden, Charles C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for coiling strip material. 2,167,971; Aug. 1.
Cadden, Charles C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Cord for making articles, such as pneumatic tires, belts, and the like, and preparing the same. 2,172,497; Sept. 12.
Cadden, John F., and E. T. Roetman, Charleston, W. Va. Dispensing package. 2,177,863; Oct. 31.
Cadwallader, Edgar M., assignor to Mineral Cutting Machine Company, Inc., Cleveland, Ohio. Mining apparatus. 2,176,885; Oct. 24.
Cadwell, Charles A., Cleveland Heights, assignor to The Electric Railway Improvement Company, Cleveland, Ohio. Making rail bonds. 2,149,043; Feb. 28.
Cadwell, Leon L. (See Williams, B. E., and Cadwell.)
Cadwell, Leon L., assignor to Industrial Patents Corporation, Chicago, Ill. Carcass treatment. 2,158,106; May 16.
Cady, Arthur B. (See Jackson, P., and Cady.)
Cady, Clarence E., Omaha, Nebr. Electric torch lighter. 2,146,561; Feb. 7.
Cady, George H. (See Muskat, I. E., and Cady.)
Cady, George H., Wadsworth, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparation of chlorine monoxide. 2,157,524; May 9.
Cady, George H., Wadsworth, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparation of chlorine monoxide. 2,157,525; May 9.
Cady, John E., Indianapolis, Ind., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Pneumatic tire. 2,169,037; Aug. 8.
Cady, Pierre A., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Belt. 2,178,558; Nov. 7.
Cady, Walter G., Middletown, Conn. Piezoelectric crystal device. 2,170,318; Aug. 22.
Cadzow, Robert. (See Dowsett, H. M., and Cadzow.)
Caesar, George V., Congan Hills, Staten Island, assignor to Stein, Hall & Company, Inc., New York, N. Y. Conversion of starchy polysaccharides. Re. 21,057; Apr. 25.
Caestecker, Charles E., Chicago, Ill. Rebound spring. 2,168,558; Aug. 8.
Cage, John M., Schenectady, N. Y., assignor to General Electric Company. Pool-type discharge device. 2,160,583; May 30.
Cahall, William H., South Gate, assignor to National Tank and Manufacturing Company, Los Angeles, Calif. Semicarrier land leveler. 2,177,864; Oct. 31.
Cahill, Arthur T., Weehawken, N. J. Speaker and listening device. 2,161,995; June 13.
Cahill, Charles K., Welch, W. Va. Photographer's studio bench. 2,145,505; Jan. 31.
Cahill, Gerald, Chicago, Ill. Nonrefill bottle valve. 2,171,683; Sept. 5.
Cahn, Frank J., and M. B. Katzman, Chicago, Ill. Shampoo composition. 2,166,127; July 18.
Cailloux, John F., and P. M. Rea, Oklahoma City, Okla. Rocker arm. 2,170,184; Aug. 22.
Caimi, Agostino. (See Caimi, Domenico and A.)
Caimi, Domenico and A., Philadelphia, Pa. Hair tonic. 2,158,791; May 16.
Cain, Basil S., Erie, Pa., assignor to General Electric Company. Bearing lubricating system. 2,155,218; Apr. 18.
Cain, Frank G. (See Ritterholz, Clifford E., assignor.)

Cain, Gordon A., and J. B. Chatelain, assignors to Freeport Sulphur Company, Freeport, Tex. Lowering sulphur viscosity and resulting nonviscous sulphur compound. 2,161,245; June 6.
Cain, John R., Bethesda, Md. Deterioration resistant reflector. 2,179,491; Nov. 14.
Cairns Corporation. (See Cairns, Edmund B., assignor.)
Cairns, Edmund B., Naugatuck, Conn., assignor to Cairns Metal Corporation. Process and apparatus for forming tapered spars. 2,150,416; Mar. 14.
Cairns, Edmund B., Naugatuck, Conn., assignor, by mesne assignments, to Cairns Corporation, New York, N. Y. Variable pitch propeller. 2,172,932; Sept. 12.
Cairns, John E. I. (See Lubszynski, H. G., Miller, and Cairns.)
Cairns Metals Corporation. (See Cairns, Edmund B., assignor.)
Cairns, Robert W., assignor to Hercules Powder Company, Wilmington, Del. Manufacture of ammonium nitrate. 2,166,579; July 18.
Calafati, Anunziata, et al. (See Calafati, Salvator S., assignor.)
Calafati, Salvator S., assignor of four-fifths to A. Calafati and one-fifth to J. M. Cole, New York, N. Y. Building construction. 2,184,113; Dec. 19.
Calatroni, Edison. (See Patrignani, Leonida, assignor.)
Calaveras Cement Company. (See Robbins, Carl B., assignor.)
Calbeck, John H., Joplin, assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Zinc sulphide pigment and improving the light stability of same. 2,181,651; Nov. 28.
Calbick, Chester J., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cathode ray device. 2,168,760; Aug. 8.
Calcaterra, Joseph, Thornwood, N. Y. Inking mechanism for printing presses and the like. 2,157,256; May 9.
Calcaterra, Joseph P., and P. Ferrero, assignors to The Carando Machine Works, Stockton, Calif. Mower attachment. 2,156,009; Apr. 25.
Calcium Carbonate Company. (See McHan, Brack H., assignor.)
Calco Chemical Company, The. (See Adams, Frederic H., assignor.)
Calco Chemical Company, The. (See Crossley, Moses L., assignor.)
Calco Chemical Co., The. (See Crossley, M. L., Kienle, and Peiker, assignors.)
Calco Chemical Company, The. (See Hultquist, Martin E., assignor.)
Calco Chemical Co. (See Klipstein, Kenneth H., assignor.)
Calco Chemical Company, The. (See Laury, Napoleon A., assignor.)
Calco Chemical Company. (See Lecher, H. Z., and Parker, assignors.)
Calco Chemical Company, The. (See Lecher, H. Z., and Scalera, assignors.)
Calco Chemical Company, The. (See Merz, Eugene, assignor.)
Calco Chemical Company, The. (See Millson, Henry E., assignor.)
Calco Chemical Company, The. (See Northey, Elmore H., assignor.)
Calco Chemical Company, The. (See Park, Robert H., assignor.)
Calco Chemical Company, The. (See Parker, Robert P., assignor.)
Calco Chemical Company, The. (See Pineo, Orrin W., assignor.)
Calco Chemical Company, The. (See Reich, Henry H., assignor.)
Calco Chemical Company, The. (See Shive, R. A., Coffee, and Kienle, assignors.)
Calcott, William S. (See Gubelmann, I., and Calcott.)
Calcott, William S., Woodstown, N. J., A. S. Carter, Wilmington, Del., and F. B. Downing, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of hexene from divinylacetylene. 2,156,936; May 2.
Calcott, William S., Woodstown, N. J., and M. A. Youker, Gordon Heights, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coagulating dispersions. 2,161,949; June 13.
Calcott, William S., Woodstown, and J. M. Tinker, Penns Grove, N. J., and A. L. Linch, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Ring closure of aromatic compounds with the aid of hydrofluoric acid. 2,174,118; Sept. 26.
Calder Sales Corporation. (See Starnes, G. R., and Melchert, assignors.)
Caldora, Armand, Brooklyn, assignor of one-half to P. Michielli, Woodhaven, Long Island, N. Y. Hair curler. 2,169,021; Aug. 8.
Caldwell, Benjamin F., assignor to D. I. Caldwell, San Dimas, Calif. Convertible tool. 2,170,125; Aug. 22.
Caldwell, Charles H. (See Goddu, L. W., and Caldwell.)
Caldwell, Dorothy I. (See Caldwell, Benjamin F., assignor.)
Caldwell, Frank W., Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Propeller drive. 2,144,423; Jan. 17.
Caldwell, Frank W., Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Control means for controllable propellers. 2,145,859; Feb. 7.
Caldwell, Frank W., Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Controllable pitch propeller. 2,149,388; Mar. 7.
Caldwell, Frank W., Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Releasable propeller drive. 2,156,750; May 2.
Caldwell, Frank W., Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Controllable-pitch propeller. 2,163,663; June 27.
Caldwell, Frank W., Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Blower cooling means for air cooled engines. 2,173,896; Sept. 26.
Caldwell, Frank W., Hartford, E. Martin, West Hartford, and J. E. Anderson, Portland, assignors to United Aircraft Corporation, East Hartford, Conn. Multiposition controllable pitch propeller. 2,174,717; Oct. 3.
Caldwell, Frank W., Hartford, and H. C. Nissen, South Glastonbury, assignors to United Aircraft Corporation, East Hartford, Conn. Control means for aeronautical propellers. 2,179,492; Nov. 14.
Caldwell, Harry F. (See Tuthill, H. B., and Caldwell.)
Caldwell, John P., Portland, Maine. Motor vehicle safety device. 2,166,580; July 18.
Caldwell, John P., North Dartmouth, Mass. Escaping gas alarm. 2,174,820; Oct. 3.
Caldwell, John R., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Textile yarn. 2,169,757; Aug. 15.
Caldwell, Lyle, Los Angeles, Calif. Preparing a decolorizing material. 2,163,525; June 20.
Caldwell, Lyle, Los Angeles, Calif. Preparing a synthetic decolorizing composition. 2,163,526; June 20.
Caldwell, Lyle, Los Angeles, Calif. Preparing a decolorizing material and of decolorizing liquids therewith. 2,163,527; June 20.
Caldwell, Ollie C., Lisbon, Ohio. Adjustable bed. 2,159,883; May 23.
Caldwell, Samuel P., Hamden, assignor to The Greist Manufacturing Company, New Haven, Conn. Device for viewing films. 2,168,761; Aug. 8.
Caldwell, Samuel P., Hamden, assignor to The Greist Manufacturing Company, New Haven, Conn. Device for entitling films. 2,170,398; Aug. 22.
Caldwell, Stuart H. (See Girl, C., Dunston, and Caldwell.)
Caldwell, Stuart H. (See Storch, H. A., Dillon, and Caldwell.)
Caldwell, Stuart H., assignor to Kelch Heater Company, Detroit, Mich. Warning device for motor vehicles. 2,178,986; Nov. 7.
Caldwell, Stuart H., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Brake lever. 2,182,279; Dec. 5.
Caldwell, Stuart H., and R. J. Black, assignors to C. Girl, Detroit, Mich. Hinge structure. 2,149,576; Mar. 7.
Caldwell, Walter T., assignor to The George E. Failing Supply Company, Enid, Okla. Pump liner. 2,155,180; Apr. 18.
Caldwell, Walter T., assignor to The George E. Failing Supply Company, Enid, Okla. Removable power device for earth-drilling machines. 2,169,678; Aug. 15.
Caldwell, William T., Vivian, La. Flexible service tube or hose housing. 2,168,951; Aug. 8.
Caley, Wendell J., and J. E. Thebaud, Philadelphia, Pa. Hair curler. 2,169,220; Aug. 15.
Calhoon, Stanley B., Philadelphia, Pa. Meter-testing device. 2,181,172; Nov. 28.
Calhoun, Ernest N. (See Wiegand, E. L., and Calhoun.)
Calhoun, Ernest N., Pittsburgh, Pa., assignor, by mesne assignments, to E. L. Wiegand. Heating means. 2,145,684; Jan. 31.
Calhoun, Ernest N., assignor to E. L. Wiegand, Pittsburgh, Pa. Electric heating apparatus. 2,152,953; Apr. 4.
Calhoun, Ernest N., assignor, by mesne assignments, to E. L. Wiegand, Pittsburgh, Pa. Electrical heating apparatus. 2,158,602; May 16.
Calhoun, Ernest N., assignor, by mesne assignments, to E. L. Wiegand, Pittsburgh, Pa. Electric heating apparatus. 2,158,603; May 16.
Calhoun, Ernest N., Pittsburgh, Pa., assignor, by mesne assignments, to E. L. Wiegand. Electric heating apparatus. 2,158,604; May 16.
Calico Printers' Association Limited. (See Lantz, L. A. and Miller, assignors.)
Calico Printers Association Limited. (See Whinfield, John R., assignor.)
California Container Corporation. (See Evans, W., and Knaggs, assignors.)
California Fruit Growers Exchange. (See Baier, Willard E., assignor.)
California Fruit Growers Exchange. (See Holton, Homer H., assignor.)
California Fruit Growers Exchange. (See MacRill, John R., assignor.)
California Fruit Growers Exchange. (See MacRill, J. R., and Nedvidek, assignors.)
California Fruit Growers Exchange. (See Wilson, Clarence W., assignor.)
California Machinery & Supply Co. Ltd. (See Vanderpoel, A. G. H., and Ostling, assignors.)

California Packing Corporation. (See Pyle, E. H., and Ross, assignors.)
California Packing Corporation. (See Sullivan, Albert V., assignor.)
California Spray-Chemical Corporation. (See Parker, William B., assignor.)
California Spray-Chemical Corporation. (See Sessions, Alwyn C., assignor.)
California Spray-Chemical Corporation. (See Vickery, Frederick P., assignor.)
Calion Metallic Vault Company, The. (See Biszantz, Fred, assignor.)
Calissi, Paul C., Philadelphia, Pa. Lamp. 2,156,617; May 2.
Calkins, Julius M., Chicago, Ill. Vehicle ventilating system. 2,171,622; Sept. 5.
Calkins, Ralph M., Fulletron, Calif. Plug for use in cementing wells. 2,179,812; Nov. 14.
Calkins, Raymond M., Deerfield, Ill. Roof structure. 2,147,240; Feb. 14.
Calkins, Raymond M., Deerfield, and J. W. Swank, Chicago, Ill. Building construction. 2,142,110; Jan. 3.
Calkins, Raymond M., Deerfield, and J. W. Swank, Chicago, Ill. Panel building construction. 2,148,434; Feb. 28.
Calkins, Raymond M., Deerfield, and J. W. Swank, Chicago, Ill. Building construction. 2,171,540; Sept. 5.
Calkins, William G., and A. J. Langhammer, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Bearing manufacture. 2,178,529; Oct. 31.
Callaghan, George H. (See Dewan, Leon, assignor.)
Callaghan, John P., Newark, assignor to Paul Gabriel Corporation, Harrison, N. J. Brick grab. 2,170,706; Aug. 22.
Callaghan, John W., Elmsford, N. Y. Fan attachment for machines. 2,144,326; Jan. 17.
Callahan, Francis H., New Haven, Conn. Article of food. 2,161,910; June 13.
Callan, John G., Jr., Cambridge, assignor to The Foxboro Company, Foxboro, Mass. Hygrometer. 2,177,558; Oct. 24.
Callaway, Coleman E., Wichita Falls, Tex. Trailer hitch. 2,157,998; May 9.
Callaway, Harold J., Skytop, Pa. Glove for restraining wrist motion. 2,154,197; Apr. 11.
Callaway, John R. (See Clarke, L. A., and Callaway.)
Callen, Lucian S., Clayton, Mo. Potato cutter. 2,166,622; July 18.
Callender, Albert, and A. B. Stevenson, Northwich, England, assignors to Imperial Chemical Industries Limited. Automatic control of variable physical characteristics 2,175,985; Oct. 10.
Callender, Albert, and A. B. Stevenson, Northwich, England, assignors to Imperial Chemical Industries Limited. Automatic control of variable physical characteristics. 2,183,235; Dec. 12.
Callender's Cable and Construction Company Limited. (See Grieve, George T. W., assignors.)
Callender's Cable and Construction Company Limited. (See Harris, Gavin M., assignor.)
Callender's Cable and Construction Company Limited. (See Hunter, P. V., Brazier, and Hill.)
Callender's Cable and Construction Company Limited. (See Hunter, P. V., and Hill, assignors.)
Callender's Cable and Construction Company Limited. (See Hunter, P. V., and Metcalf, assignors.)
Calleo, John J., Lodi, N. J. Sleeve lifting pad for garments. 2,149,806; Mar. 7.
Calleson, Amos and E. A., Merrick, N. Y., assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Metallic container. 2,142,743; Jan. 3.
Calleson, Edgar A. (See Calleson, Amos and E. A.)
Calliera, Giuseppe. (See Gallo, G., Bassi, Giovanni B., F., and L., and Calliera.)
Callin, Joseph J., Kendall Mills, and E. Shantz, Rochester, assignors to Copy Right Mfg. Corporation, New York, N. Y. Clamping means for copy holders. 2,183,276; Dec. 12.
Callmander, Josef, Uppsala, Sweden. Cardboard box. 2,178,162; Oct. 31.
Callsen, Albert, Stuttgart-Botnang, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Engine starter control. 2,143,683; Jan. 10.
Callsen, Albert, Stuttgart-Botnang, and A. Weiss, Marbach-on-the-Neckar, Germany, assignors to Robert Bosch Gesellschaft mit beschränkter Haftung. Starting arrangement for internal combustion engines. 2,151,463; Mar. 21.
Calonnier, Maurice, Saint-Etienne, France. Manufacture of velvet woven in double piece. 2,182,610; Dec. 5.
Calorider Corporation, The. (See Downs, Charles R., assignor.)
Calorider Corporation, The. (See Downs, C. R., and Spiselman, assignors.)
Calorider Corporation. (See Spiselman, J. W., and Downs, assignors.)
Calorider Corporation. (See Weiss, John M., assignor.)
Calumet & Hecla Consolidated Copper Company of Michigan. (See Kenny, Herman C., assignor.)
Caluwe, Georges, Moll, Belgium. Filter for artesian wells or bore holes. 2,167,743; Aug. 1.
Calva, Jose B., St. Paul, and T. F. Barnes, Minneapolis, Minn., assignor to Waldorf Paper Products Company. Container. 2,172,864; Sept. 12.
Calvert, Sebastian L., Bristow, Okla. Hold-down valve. 2,167,415; July 25.
Calvert, William C. (See Winkelmann, H. A., Moffett, and Calvert.)
Calvert, William C., Chicago, Ill., assignor to Wingfoot Corporation, Akron, Ohio. Plasticization of rubber hydrohalide. 2,153,954; Apr. 11.
Calvert, William C., Chicago, Ill., assignor to Wingfoot Corporation, Wilmington, Del. Producing rubber hydrochloride films. 2,161,454; June 6.
Calvert, William C., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Package. 2,167,634; Aug. 1.
Calvert, William C., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Thermal seal. 2,168,015; Aug. 1.
Calvin, Conrad C., New York, N. Y. Method and apparatus for treating nails. 2,162,155; June 13.
Calvin Manufacturing Corporation. (See Becwar, Rudolph A., assignor.)
Calzada, Joseph, et al. (See Irby, David F., assignor.)
Cambéssédès, Jean E. F., Paris, France. Apparatus for sorting household rubbish. 2,151,894; Mar. 28.
Cambosco Scientific Company. (See Broome, Frank H., assignor.)
Cambridge Rubber Co. (See Dunbar, Ernest W., assignor.)
Cambridge Rubber Co. (See Riley, Albert C., assignor.)
Cambridge Tile Manufacturing Company, The. (See Burchenal, Charles H., assignor.)
Cambron, Louis R., and W. C. Tucker, Jr., Ocala, Fla. Acid treatment of clay. 2,147,783; Feb. 21.
Camel, Leroy, Maple Heights, assignor to The Plating and Galvanizing Company, Cleveland, Ohio. Method and composition for cadmium plating. 2,143,760; Jan. 10.
Camel, Leroy, Maple Heights, assignor to The Plating and Galvanizing Company, Cleveland, Ohio. Method and composition for the bright coating of zinc. 2,143,761; Jan. 10.
Camenzind, John L., Montesano, Wash. Cracker crumber. 2,150,488; Mar. 14.
Camera Patents Corporation. (See Morsbach, K., and Raschke, assignors.)
Camerino, Fremont, Niles, Ohio. Ventilator hood. 2,162,421; June 13.
Cameron, Allan M., Oak Park, assignor to Cameron Can Machinery Co., Chicago, Ill. Drive mechanism for lock seam soldering attachments. 2,167,330; July 25.
Cameron, Allan M., Oak Park, assignor to Cameron Can Machinery Co., Chicago, Ill. Soldering attachment for tapered bodies. 2,179,479; Nov. 14.
Cameron Can Machinery Co. (See Cameron, Allan M., assignor.)
Cameron, Don O., Garfield Heights, Ohio. Refrigerating apparatus. 2,157,590; May 9.
Cameron, Donald G., and G. W. Sprenger, Lynn, Mass., assignors to General Electric Company. Time switch. 2,146,562; Feb. 7.
Cameron, Donald H., Racine, Wis., assignor to B. D. Eisendrath Tanning Co., Chicago, Ill. Hydrogen ion meter. 2,181,866; Dec. 5.
Cameron, Donald H., Racine, Wis., assignor to B. D. Eisendrath Tanning Co., Chicago, Ill. Automatic recorder. 2,181,867; Dec. 5.
Cameron, Frank K., Chapel Hill, N. C., E. O. Huffman, Kingsport, Tenn., and J. A. Taylor, Chapel Hill, N. C. Decomposition of alunite. 2,174,684; Oct. 3.
Cameron, John, London, Ontario, assignor to New Era Carburetor Corporation, Limited, Toronto, Ontario, Canada. Carburetor. 2,154,033; Apr. 11.
Cameron, John G., Newstead, Brisbane, Queensland, assignor to Barnes Engineering (Pty.) Ltd., Newstead, Queensland, Australia. Carbonating water and beverages. 2,151,586; Mar. 21.
Cameron, Joseph A., Montreal, Quebec, Canada, assignor to The Symington-Gould Corporation, Rochester, N. Y. Car truck. 2,149,272; Mar. 7.
Cameron, Mortimer B., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electrical connecter. 2,142,176; Jan 3.
Cameron, Mortimer B., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,177,958; Oct. 31.
Cameron, Norman M., Bedford, Ind. Ashtray and cigarette extinguisher. 2,171,489; Aug. 29.
Cameron, Peter, Kelvinside, Glasgow, Scotland. Aircraft having rotative sustaining means. 2,163,481; June 20.
Cameron, Peter, Kelvinside, Glasgow, Scotland. Aircraft having rotative sustaining means. 2,163,482; June 20.
Cameron, Thomas R., Hondo, Tex. Tray partition. 2,148,681; Feb. 28.
Cameron, William P., Philadelphia, Pa., assignor to Seagram-Distillers Corporation, New York, N. Y. Dispenser. 2,176,988; Oct. 24.
Camfield, Russell W., Marion, Ind. Forming laminated shaped articles. 2,149,507; Mar. 7.
Camiener, Paul M. (See Marshall, W., and Camiener.)
Camilli, Guglielmo, Pittsfield, Mass., assignor to General Electric Company. Electroresponsive control system. 2,143,684; Jan. 10.
Camilli, Guglielmo, Pittsfield, Mass., assignor to General Electric Company. Transformer. 2,168,154; Aug. 1.

Caminez, Harold, Brooklyn, assignor to Aircraft Screw Products Company, Inc., Long Island City, N. Y. Method of connecting light metal alloy parts. 2,150,875; Mar. 14.
Caminez, Harold, New York, assignor to Aircraft Screw Products Co., Inc., Brooklyn, N. Y. Screw fastening for high strength connections. 2,150,876; Mar. 14.
Caminez, Harold, Kew Gardens, assignor to Aircraft Screw Products Company, Inc., New York, N. Y. Screw connection. 2,152,681; Apr. 4.
Caminiti, Nemo V., Springfield, Long Island, N. Y. Combination overflow and pressure valve. 2,155,400; Apr. 25.
Camp, Albert F. (See Myers, S., and Camp.)
Camp, Charles J., Palo Alto, Calif. Roofing clamp. 2,183,008; Dec. 12.
Camp, Eugene V., Atlanta, Ga. Traffic guard. 2,167,635; Aug. 1.
Camp, Percy B., Maywood, Ill., assignor to Universal Draft Gear Attachment Co. Hand brake actuating mechanism. 2,153,546; Apr. 11.
Camp, Percy B., Maywood, Ill., assignor to Universal Draft Gear Attachment Co. Hand brake actuating mechanism. 2,154,663; Apr. 18.
Camp, S. H., & Company. (See Fleck, Christian H., assignor.)
Camp, William M., Glen Ridge, assignor to The Clark Thread Company, Newark, N. J. Twisting mechanism. 2,142,111; Jan. 3.
Camp, William M., Glen Ridge, A. Burgeni, East Orange, and F. W. Thomas, Englewood, assignors to The Clark Thread Company, Newark, N. J. Treating thread. 2,173,998; Sept. 26.
Campagnoli, Charles E., Palisade, N. J., assignor to G. J. M. Textile Corp., New York, N. Y. Necktie lining. 2,174,966; Oct. 3.
Campana, Georges, Paris, France. Electric flatiron with self-acting safety device. 2,149,251; Mar. 7.
Campayner, Louis C. (See Miller, S. R., and Barrier, assignors.)
Campbell, A. S., Co. (See McAdams, James F., assignor.)
Campbell, Albert F. (See Edwards, H. C., and Campbell.)
Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Load discharging car. 2,142,236; Jan. 3.
Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Railway car underframe. 2,150,417; Mar. 14.
Campbell, Argyle, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Load discharging car. 2,150,418; Mar. 14.
Campbell, Arthur B. (See Hawthorne, K. C., and Campbell.)
Campbell-Buchanan Corporation. (See Campbell, Leon J., assignor.)
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Compressor. 2,143,180; Jan. 10.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Fluid pressure brake. 2,151,008; Mar. 21.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,156,720; May 2.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,159,686; May. 23.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,159,687; May. 23.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Lubricating system for rotary brake valves. 2,163,189; June 20.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,172,498; Sept. 12.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,177,767; Oct. 31.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,178,927; Nov. 7.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Convertible brake control for road-rail vehicles. 2,178,928; Nov. 7.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,181,223; Nov. 28.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Pneumatic signaling device. 2,181,225; Nov. 28.
Campbell, Charles A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,183,303; Dec. 12.
Campbell, Charles A., and L. A. Safford, Watertown, N. Y., assignors to The New York Air Brake Company. Pop valve. 2,165,611; July 11.
Campbell, Charles A., and W. A. Baldwin, Watertown, N. Y., assignors to The New York Air Brake Company. Valve for water systems of railway cars. 2,181,224; Nov. 28.
Campbell, Charles H., Kent, Ohio. Reclaiming and devulcanizing rubber. 2,145,341; Jan. 31.
Campbell, Charles H., Kent, Ohio. Hydrolytic decomposition product of the epidermis of hogs, etc. 2,164,798; July 4.
Campbell, Christopher C., Denver, Colo. Bumper guard. 2,175,502; Oct. 10.
Campbell, Clinton, Stamford, Conn. Container. 2,150,152; Mar. 14.
Campbell, Clinton L., Noroton Heights, assignor to The Viscol Company, Stamford, Conn. Material for and cleaning leather. 2,161,504; June 6.
Campbell, Clyde H. (See Lowy, A., and Campbell.)
Campbell, Donald G., New York, N. Y. Ice cubing machine. 2,171,264; Aug. 29.
Campbell, Donald J., Spring Lake Township, Ottawa County, Mich. Mold for casting crankshafts. 2,147,880; Feb. 21.
Campbell, Donald J., Spring Lake Township, Ottawa County, Mich. Molding. 2,156,523; May 2.
Campbell, Donald J., Spring Lake Township, Ottawa County, Mich. Screen for molding machines. 2,176,328; Oct. 17.
Campbell, Donald J., Spring Lake, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Making brake drums. 2,153,173; Apr. 4.
Campbell, Donald J., Spring Lake, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Brake drum. 2,153,364; Apr. 4.
Campbell, Donald J., Spring Lake Township, Ottawa County, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Producing vehicle wheels. 2,163,022; June 20.
Campbell, Dwayne H., and H. H. England, U. S. Navy. Target towing device. 2,183,540; Dec. 19.
Campbell, Ernest G., and C. E. Norton, assignors to Norton-McMurray Manufacturing Company, Chicago, Ill. Meter bar. 2,178,278; Oct. 31.
Campbell, Frank G., Arlington, Va. Cage type rotor for blower fans. 2,145,969; Feb. 7.
Campbell, Frank O., and G. W. Nigh, Bayonne, N. J. Heat exchange apparatus. 2,183,956; Dec. 19.
Campbell, George A., Cleveland, Ohio. Pan and dish holder and lifter. 2,173,709; Sept. 19.
Campbell, George E., assignor to The Wheland Company, Chattanooga, Tenn. Rotary machine. 2,176,788; Oct. 17.
Campbell, George J. (See Toohey, E. A., and Campbell.)
Campbell, George J., Jr., assignor to International Chain & Manufacturing Company, York, Pa. Chain link. 2,178,952; Nov. 7.
Campbell, Harry J., Woodworth, Mont. Wire stretcher. 2,165,695; July 11.
Campbell, Harris S., Willow Grove, Pa., assignor, by mesne assignments, to Autogiro Company of America. Rotative winged aircraft. 2,151,687; Mar. 28.
Campbell, Harris S., Willow Grove, Pa., assignor, by mesne assignments, to Autogiro Company of America. Rotative winged aircraft. 2,153,610; Apr. 11.
Campbell, Harry V., Charleston, W. Va. Flower holder. 2,152,869; Apr. 4.
Campbell Hausfeld Company, The. (See Small, Clyde E., assignor.)
Campbell, Herbert F., assignor to Pennsylvania Crusher Company, Philadelphia, Pa. Crusher. 2,148,682; Feb. 28.
Campbell, Homer O., Seattle, Wash. Reconditioning lawns. 2,172,574; Sept. 12.
Campbell, Hugh S., assignor to The Republic Rubber Company, Youngstown, Ohio. Process and apparatus for a formed mat. 2,183,984; Dec. 19.
Campbell, Ira A. (See Knight, Charlotte S., assignor.)
Campbell, James, Jr., Upper Darby, Pa., assignor to American Telephone and Telegraph Company. Telephone ringing system. 2,184,907; Dec. 26.
Campbell, James M. (See Coleman, Albert H., assignor.)
Campbell, James R., Ontario, Calif., assignor to General Electric Company. Temperature control device. 2,158,850; May 16.
Campbell, James R., Ontario, Calif., assignor to General Electric Company. Heating device. 2,184,270; Dec. 26.
Campbell, James T., assignor to Douthitt Corporation, Detroit, Mich. Compensating device for combination negatives. 2,184,831; Dec. 26.
Campbell, Jay W., Cambridge, Ohio. Reclining chair. 2,142,713; Jan. 3.
Campbell, Jay W., Cambridge, Ohio. Reclining chair. 2,142,714; Jan. 3.
Campbell, John C., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Dynamic balancer for machine tools. 2,164,900; July 4.
Campbell, John G. (See Hartmann, J., and Campbell.)
Campbell, John S., Seattle, Wash. Linear control circuit. 2,155,966; Apr. 25.
Campbell, John W., Banning, assignor of one-half to R. D. Collins, Beverly Hills, Calif. Extensible cord. 2,173,096; Sept. 19.
Campbell, Joseph A., Jr., Manhattan Beach, and T. M. Phillips, Lomita, assignors to Union Oil Company of California, Los Angeles, Calif. Purifying mercaptan oils. 2,143,405; Jan. 10.
Campbell, Joseph L., Maryville, Tenn. Cylinder reamer. 2,152,954; Apr. 4.
Campbell, Julian A., Long Beach, and S. C. Carter, Los Angeles, Calif. Packing material. 2,183,347; Dec. 12.

Campbell, Leon J., assignor to Campbell-Buchanan Corporation, Chicago, Ill. Clutch mechanism. 2,144,674; Jan. 24.
Campbell, Lorn, Jr., Lakewood, Ohio. Dispensing fluids from containers. 2,165,342; July 11.
Campbell, Marcus A. (See Campbell, Paul F., assignor.)
Campbell, Mark E., Pequannock, and J. M. West, Ridgewood, N. J., assignors to Bell Laboratories, Incorporated, New York, N. Y. Harmonic producer system. 2,146,053; Feb. 7.
Campbell, Melvin A., Oak Tree, N. J., assignor to United Feature Syndicate, Inc., New York, N. Y. Engraving. 2,175,739; Oct. 10.
Campbell, Monterey, Sanford, N. C. Combination farm machine. 2,156,681; May 2.
Campbell, Nelson S., Brookline, Mass. Helical shear. 2,172,359; Sept. 12.
Campbell, Paul F., assignor of one-half to M. A. Campbell, Saginaw, Mich. Coffee brewer. 2,143,432; Jan. 10.
Campbell, Phillip D., Kansas City, Mo. Mechanical movement. 2,156,372; May 2.
Campbell, Richard H., assignor to Webster Electric Company, Racine, Wis. Communication apparatus. 2,162,368; June 13.
Campbell, Richard H., assignor to Webster Electric Company, Racine, Wis. Communication system. 2,162,369; June 13.
Campbell, Richard H., assignor to Webster Electric Company, Racine, Wis. Communication system. 2,162,370; June 13.
Campbell, Richard H., assignor to Webster Electric Company, Racine, Wis. Communication system. 2,162,371; June 13.
Campbell, Richard H., assignor to Webster Electric Company, Racine, Wis. Communication system. 2,162,372; June 13.
Campbell, Richard H., assignor to Webster Electric Company, Racine, Wis. Communication system. 2,162,547; June 13.
Campbell, Richard L., Birmingham, assignor to Detroit Lubricator Company, Detroit, Mich. Heating system. 2,155,890; Apr. 25.
Campbell, Richard L., Birmingham, assignor to Detroit Lubricator Company, Detroit, Mich. Heating method and apparatus. 2,176,852; Oct. 17.
Campbell, Richard L., Philadelphia, Pa., assignor to Radio Corporation of America. Television apparatus. 2,178,736; Nov. 7.
Campbell, Robert, West New Brighton, Staten Island, N. Y., and J. R. Proctor, assignors to Atlas Steel Barrel Corporation, Bayonne, N. J. Metal barrel bunk and making same. 2,144,701; Jan. 24.
Campbell, Robert, West New Brighton, Staten Island, N. Y., and J. R. Proctor, assignors to Atlas Steel Barrel Corporation, Bayonne, N. J. Clamping ring lever compensation. 2,174,821; Oct. 3.
Campbell, Robert A., Los Angeles, Calif. Oil burner. 2,150,909; Mar. 21.
Campbell, Robert A., Los Angeles, Calif. Orchard heater. 2,182,143; Dec. 5.
Campbell, Robert J., South Ardmore, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Recovery of zinc values from galvanizers' skimmings. 2,173,876; Sept. 26.
Campbell, Rodney B., Los Angeles, Calif. Parking meter. 2,179,613; Nov. 14.
Campbell, Roy E., Claremont, N. H., assignor to Sullivan Machinery Company. Method of and apparatus for handling loose material. 2,147,634; Feb. 21.
Campbell, Roy L., Knoxville, Tenn. Measuring rainfall. 2,176,886; Oct. 24.
Campbell, Samuel M. (See Carmody, L. W., and Campbell.)
Campbell Soup Company. (See Johannes, Erich H. L., assignor.)
Campbell, Sumner E., Long Beach, Calif. Treating oils. 2,158,690; May 16.
Campbell, Sumner E., Long Beach, Calif. Refining oil. 2,179,008; Nov. 7.
Campbell, Thomas C. (See Balch, R. H., and Campbell.)
Campbell, Thomas D., Hardin, Mont. Furrow dammer. 2,155,891; Apr. 25.
Campbell, Thomas P., Denver, and W. B. Jacobsen, Golden, Colo. Treating soluble materials. 2,175,178; Oct. 10.
Campbell, Walter, Knox, Ind. Live bait container. 2,169,941; Aug. 15.
Campbell, Wendell H., Lynn, Mass., assignor to General Electric Company. Meter sealing device. 2,162,548; June 13.
Campbell, William J., Indianapolis, Ind., assignor to American Slicing Machine Company, Chicago, Ill. Slicing machine. 2,177,474; Oct. 24.
Campbell, William J., Indianapolis, Ind., assignor to American Slicing Machine Company, Chicago, Ill. Slicing machine. 2,177,475; Oct. 24.
Campbell, Wyant & Cannon Foundry Company. (See Anderson, Adolph G., assignor.)
Campbell, Wyant & Cannon Foundry Company. (See Aske, Irving E., assignor.)
Campbell, Wyant & Cannon Foundry Company. (See Campbell, Donald J., assignor.)
Campbell, Wyant and Cannon Foundry Company. (See Dake, Charles W., assignor.)
Campbell, Wyant & Cannon Foundry Company. (See Grotewohl, Laurence A., assignor.)
Campbell, Wyant & Cannon Foundry Company. (See Lundwall, Albert J., assignor.)
Campbell, Zella F. (See Knight, Charlotte S., assignor.)
Campell, Leon, et al. (See Wood, Grover W., assignor.)
Campell, M. M., et al. (See Wood, Grover W., assignor.)
Campion, Eugene E. (See Campion, Russell H., assignor.)
Campion, Russell H., assignor of seven-eighths to E. E. Campion, Milwaukee, Wis. Locomotive driving box. 2,144,327; Jan. 17.
Campolunghi, Giovanni, Rome, Italy. Production of artificial threads. 2,173,621; Sept. 19.
Campos, Vincent, III, Chicago, Ill. Bifocal height and decentration device. 2,166,037; July 11.
Canady, Don, Cleveland, Ohio. Water driven agitator. 2,142,237; Jan. 3.
Canal National Bank of Portland, The, as trustee. (See Brigham, D. S., and Schwertfeger, assignors.)
Canal National Bank of Portland, The. (See Chaplin, Merle P., assignor.)
Canal National Bank of Portland, The, as trustee. (See Chaplin, M. P., and Emery, assignors.)
Canal National Bank of Portland, The, trustee. (See Randall, W. H., and Harper, assignors.)
Canariis, Svend A., Pittsburgh, Pa. Apparatus for controlling the operation of cone valves. 2,149,725; Mar. 7.
Canby, Caleb H., Jr., et al. (See Streich, Frank, assignor.)
Candee, Allan H., and G. O. Richmond, assignors to Gleason Works, Rochester, N. Y. Dressing mechanism for grinding wheels. 2,162,836; June 20.
Candee, Zenas P., Watertown, assignor to The Waterbury Farrell Foundry & Machine Company, Waterbury, Conn. Horizontal redraw press. 2,183,287; Dec. 12.
Candor, Robert R. (See Miller, R. K., and Candor.)
Candor, Robert R., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigeration. 2,160,470; May 30.
Candor, Robert R., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,185,022; Dec. 26.
Candor, Robert R., and D. F. Alexander, assignors to General Motors Corporation, Dayton, Ohio. Generating system. 2,170,546; Aug. 22.
Caneghem, Jerome V., Philadelphia, Pa. Burglar alarm. 2,154,972; Apr. 18.
Canepa, Ernest, Gemenos, Bouches-du-Rhone, France. Automatic locking device. 2,171,138; Aug. 29.
Canetta, John, Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,160,209; May 30.
Canetta, John, Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Speed and load controlled brake. 2,160,212; May 30.
Canetta, John, Wilkinsburg, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Orifice control device. 2,165,995; July 11.
Canfield, Charles H., Syracuse, N. Y. Spring wire clip. 2,170,586; Aug. 22.
Canfield, Harry R. (See Roemer, Ralph R., assignor.)
Canfield, William R., San Diego, Calif. Antifreeze composition. 2,174,220; Sept. 26.
Cangemi, Salvatore, Brooklyn, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting shoes. 2,163,664; June 27.
Cannard, William H., Green Bay, Wis. Creping method and apparatus. 2,182,720; Dec. 5.
Canner's Machinery Limited. (See Doyle, James B., assignor.)
Cannetta, John, Wilkinsburg, and J. B. Grosswege, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,160,210; May 30.
Cannetta, John, Wilkinsburg, and J. B. Grosswege, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,160,211; May 30.
Canning, Dow V. (See Sills, H. R., and Canning.)
Cannon, Earl, Rockville Centre, assignor to E. W. Bliss Company, Brooklyn, N. Y. Guide for reciprocating platens. 2,148,855; Feb. 28.
Cannon, Earl, Rockville Centre, assignor to E. W. Bliss Company, Brooklyn, N. Y. Prefill valve for hydraulic presses. 2,152,837; Apr. 4.
Cannon, Earl, Rockville Centre, assignor to E. W. Bliss Company, Brooklyn, N. Y. Prefill valve for hydraulic presses. 2,152,870; Apr. 4.
Cannon, Earl, Rockville Centre, assignor to E. W. Bliss Company, Brooklyn, N. Y. Press combination having means for avoiding jamming. 2,164,640; July 4.
Cannon, James H., Los Angeles, Calif. Time recorder. 2,142,492; Jan. 3.
Cannon, James H., Los Angeles, Calif. Game device. 2,145,846; Feb. 7.
Cannon, John W., Pennington, N. J. Refrigerating system and control therefor. 2,178,200; Oct. 31.
Cannon, Michael R., State College, Pa. Treating mineral oils. 2,168,666; Aug. 8.
Cannon Mills Company, The. (See Messer, Edward, assignor.)
Cannon Mills Company. (See Messer, Edward, assignor.)
Cannon, William D. (See Milnor, J. W., Bechberger, and Cannon.)

Cannon, William D., Metuchen, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Neutralization of inductive interference. 2,159,927; May. 23.
Cano, Vernon, Elizabeth, N. J., assignor to B. F. Sturtevant Company, Boston, Mass. Humidifying system. 2,182,620; Dec. 5.
Cantelo, John S., East Cambridge, Mass. Caster. 2,149,389; Mar. 7.
Cantelo, Robert C., Whiting, Ind., assignor to Sinclair Refining Company, New York, N. Y. Lubricating oil. 2,171,781; Sept. 5.
Canterbury, Harry H., Whittier, Calif. Transmission. 2,145,582; Jan. 31.
Canton, Jean E., Cannes-la-Bocca, France. Watercraft. 2,165,745; July 11.
Cantoni, Humbert, Paris, France, assignor to U S L Battery Corporation, Niagara Falls, N. Y. Storage battery venting means. 2,152,240; Mar. 28.
Cantoni, Humbert D. J., Paris, France. Valve sealing means for engines. 2,181,868; Dec. 5.
Cantoni, John D. (See Randall, F. A., and Cantoni.)
Cantor, Sidney M., Berwyn, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Production of fatty acid esters from starch factory byproducts. 2,147,241; Feb. 14.
Cantor, Sidney M., Riverside, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Production of fatty acid esters from starch factory byproducts. Re. 21,291; Dec. 12.
Cantrell, James H., Jellico, Tenn. Belt drive. 2,174,119; Sept. 26.
Cantrell, Robert H., Birmingham, Ala. and L. Rumford, 2d, Wilmington, Del.; said Rumford assignor to United States Steel Corporation. Temperature regulating means for metallurgical furnaces. 2,163,510; June 20.
Cantrell, Troy L. (See Smith, H. G., and Cantrell.)
Cantrell, Troy L., Lansdowne, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Manufacture of phenol-olefin reaction products useful as gasoline gum inhibitors. 2,149,759; Mar. 7.
Cantrell, Troy L., and J. G. Peters, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Lubricating oil compositions, inhibitors therefor, and manufacturing the same. 2,157,479; May 9.
Cantrell, Troy L., and J. O. Turner, Lansdowne, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Lubricating bearing surface. 2,145,970; Feb. 7.
Cantrell, Troy L., and J. O. Turner, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Lubricating bearing surface. 2,145,971; Feb. 7.
Cantrell, Troy L., and J. O. Turner, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Lubricating oil compositions, inhibitors therefor, and manufacturing the same. 2,169,634; Aug. 15.
Cantwell, John J., Washington, D. C., assignor to Speedbrik Corporation. Building block or brick. 2,160,792; May 30.
Cantwell, Robert W., Los Angeles, Calif. Coat hanger. 2,170,319; Aug. 22.
Capdet, Henri, Toulouse, France. Engine and engine compressor. 2,165,222; July 11.
Capita, Emil R., New York, N. Y. Method and apparatus for securing elements together. 2,184,282; Dec. 26.
Capita, Emil R., New York, N. Y. Heating apparatus and supply therefor. 2,184,283; Dec. 26.
Capitani, Luciano J., Aliquippa, Pa. Head lamp. 2,176,789; Oct. 17.
Caplan, Solomon, New York, N. Y., assignor, by mesne assignments, to Harvel Research Corporation. Compositions of matter. 2,166,518; July 18.
Caplan, Solomon, New York, N. Y., assignor, by mesne assignments, to Harvel Research Corporation. Polymerization of drying oil. 2,176,058; Oct. 17.
Caplan, Solomon, New York, N. Y., assignor to The Harvel Corporation. Treatment of cashew nut shell liquid. 2,176,059; Oct. 17.
Caplan, Solomon, New York, N. Y., assignor to The Harvel Corporation. Derivatives of a phenol obtained from cashew nut shell liquid and preparing same. 2,181,119; Nov. 28.
Capouch, Myron E., Evanston, Ill., assignor to The American Steel and Wire Company of New Jersey. Expansion joint. 2,161,333; June 6.
Cappel, Curry G., New Orleans, La. Pile. 2,174,436; Sept. 26.
Capra, Benedetto G., Sacramento, Calif. Automatic lubricator. 2,178,335; Oct. 31.
Capra, Frank, et al. (See Walker, Joseph B., assignor.)
Capra, Otto. (See Price, Harold W. and E. R., and Capra.)
Caprine, Alixander A., Los Angeles, Calif. All metal miniature airplane. 2,143,541; Jan. 10.
Caprio, Amerigo F. (See Andersen, B., and Caprio.)
Caprio, Amerigo F., Newark, N. J., assignor to Celluloid Corporation. Article of cellulose. 2,143,639; Jan. 10.
Capron, Ralph C., Ottawa, Kans. Invalid's bed-chair. 2,171,251; Aug. 29.
Capstaff, John G., assignor to Eastman Kodak Company. Rochester, N. Y. Photographic color process and film therefor. 2,143,762; Jan. 10.
Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Film for photographic color process. 2,158,174; May 16.
Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Increasing the effective speed of a photographic element. 2,168,971; Aug. 8.
Capstaff, John G., assignor to Eastman Kodak Company, Rochester, N. Y. Spray rack. 2,169,758; Aug. 15.
Capstaff, John G., and O. E. Miller, assignors, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Photographic objective. 2,165,341; July 11.
Capstan Glass Company. (See Brown, Banks D., assignor.)
Capstan Glass Company. (See McNamara, W. L., and Errett, assignors.)
Capstan Glass Company. (See Piazzoli, Louis P., Jr., assignor.)
Capurro, Giuseppe, Union City, N. J. Ship bottom paint. 2,182,840; Dec. 12.
Caputo, James V., Crafton, Pa. Method and apparatus for welding. 2,176,656; Oct. 17.
Caputo, James V., Crafton, Pa. Electric welding machine. 2,181,652; Nov. 28.
Caradine Hat Company. (See Wittcoff, Edward, assignor.)
Caramanico, Nicola, Philadelphia, Pa. Garden rake. 2,163,421; June 20.
Carando Machine Works. (See Calcaterra, J. P., and Ferrero, assignors.)
Carbide and Carbon Chemicals Corporation. (See Bayes, Alfred L., assignor.)
Carbide and Carbon Chemicals Corporation. (See Boese, Albert B., Jr.)
Carbide and Carbon Chemicals Corporation. (See Broderick, Aubrey E., assignor.)
Carbide and Carbon Chemicals Corporation. (See Burdick, J. N., and Sommer, assignors.)
Carbide and Carbon Chemicals Corporation. (See Carruthers, T. F., and Blair, assignors.)
Carbide and Carbon Chemicals Corporation. (See Chitwood, Henry C., assignor.)
Carbide and Carbon Chemicals Corporation. (See Collins, Earl P., assignor.)
Carbide & Carbon Chemicals Corporation. (See Cox, Henry L., assignor.)
Carbide and Carbon Chemicals Corporation. (See Crawford, E. T., Jr., and Turner, assignors.)
Carbide and Carbon Chemicals Corporation. (See Davidson, Joseph G., assignor.)
Carbide and Carbon Chemicals Corporation. (See Doolittle, Arthur K., assignor.)
Carbide and Carbon Chemicals Corporation. (See Downes, Alfred W., assignor.)
Carbide and Carbon Chemicals Corporation. (See Drake, Nathan L., assignor.)
Carbide and Carbon Chemicals Corporation. (See Eversole, James F., assignor.)
Carbide and Carbon Chemicals Corporation. (See Eversole, J. F., and Rehm, assignors.)
Carbide and Carbon Chemicals Corporation. (See Fife, Harvey R., assignor.)
Carbide and Carbon Chemicals Corporation. (See Fligor, Kermith K., assignor.)
Carbide and Carbon Chemicals Corporation. (See Françon, Jacques, assignor.)
Carbide and Carbon Chemicals Corporation. (See Lamprey, Headlee, assignor.)
Carbide and Carbon Chemicals Corporation. (See Langwell, H., and Stanley, assignors.)
Carbide and Carbon Chemicals Corporation. (See Law, George H., assignor.)
Carbide and Carbon Chemicals Corporation. (See Law, G. H., and McNamee, assignors.)
Carbide and Carbon Chemicals Corporation. (See Logan, Leonard A., assignor.)
Carbide and Carbon Chemicals Corporation. (See Marples, Alan, assignor.)
Carbide and Carbon Chemicals Corporation. (See Maxcy, John D., assignor.)
Carbide and Carbon Chemicals Corporation. (See McNamee, R. W., and Blair, assignors.)
Carbide and Carbon Chemicals Corporation. (See Perkins, Granville A., assignor.)
Carbide and Carbon Chemicals Corporation. (See Robertson, Harold F., assignor.)
Carbide and Carbon Chemicals Corporation. (See Rugeley, E. W., Feild, and Conlon, assignors.)
Carbide and Carbon Chemicals Corporation. (See Vaughn, Thomas H., assignor.)
Carbide and Carbon Chemicals Corporation. (See Whaley, Fred R., assignor.)
Carbide and Carbon Chemicals Corporation. (See Wilson, Alexander L., assignor.)
Carbide and Carbon Chemicals Corporation. (See Wilson, A. L., assignor, and Morin.)
Carboloy Company. (See Shepherd, Noble N., assignor.)
Carbon Interleaved Forms Corporation. (See Fulk, George L., assignor.)
Carbon Interleaved Forms Corporation. (See Fulk, James B., assignor.)
Carbonara, Victor E., Rockville Centre, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Apparatus for controlling the amount of a gas in a closed region. 2,160,326; May 30.
Carbo-Norit-Union Verwaltungs-Gesellschaft m. b. H. (See Kotera, Alois, assignor.)
Carborundum Company, The. (See Ball, Albert L., assignor.)

Carborundum Company, The. (See Benner, R. C., and Baumann, assignors.)
Carborundum Company, The. (See Benner, R. C., and McMullen, assignor.)
Carborundum Company, The. (See Benner, R. C., Melton, and Boyer, assignors.)
Carborundum Company, The. (See Benner, R. C. and Robie, assignors.)
Carborundum Company, The. (See Benner, R. C., Woddell, and Nelson, assignors.)
Carborundum Company, The. (See Blau, H. H., and Knaell, assignors.)
Carborundum Company, The. (See Boyer, J. A., Fitz-Randolph, and Rose, assignors.)
Carborundum Company, The. (See Easter, G. J., and Brownell, assignors.)
Carborundum Company, The. (See Fitz-Randolph, William P., assignor.)
Carborundum Company, The. (See Higgins, Francis W., assignor.)
Carborundum Company, The. (See Hutchins, Otis, assignor.)
Carborundum Company, The. (See Jenks, Harry N., assignor.)
Carborundum Company, The. (See Kirchner, Henry P., assignor.)
Carborundum Company, The. (See Kirchner, H. P., Melton, and Benner, assignors.)
Carborundum Company, The. (See Kline, John E. G., assignor.)
Carborundum Company, The. (See Klomp, Alfred W., assignor.)
Carborundum Company, The. (See Melton, R. L. Kirchner, and Benner, assignors.)
Carborundum Company, The. (See Patt, Leon A., assignor.)
Carborundum Company, The. (See Robie, Norman P., assignor.)
Carborundum Company, The. (See Robie, N. P., and Rossow, assignors.)
Carborundum Company, The. (See Scutt, Arthur G., assignor.)
Carborundum Company, The. (See Tone, Frank J., assignor.)
Carb-O-Spot. (See Boyd, Donald L., assignor.)
Carb-O-Spot Corporation. (See Boyd, Donald L., assignor.)
Card, Arthur V., assignor to The C. S. Card Iron Works Company, Denver, Colo. Latch. 2,160,303; May 30.
Card, C. S., Iron Works Company, The. (See Card, Arthur V., assignor.)
Card, Don B., Portland. Oreg. Stove. 2,174,347; Sept. 26.
Card, Frederic M., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Trimming mechanism for sewing machines. 2,155,301; Apr. 18.
Card, Frederic M., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Ruffling and stitching machine. 2,169,579; Aug. 15.
Card, William C., Jr. (See Smith, J. F., and Card.)
Cardarelli. Alfred R., assignor of one-fourth to E. R. Boyle, Clear Lake, Iowa. Sign. 2,164,985; July 4.
Cardell, George A. (See Montgomery, D. H., and Cardell.)
Cardell, Paul E. (See Weinheimer, C. M., and Cardell.)
Cardillo, Clemente. Utica, N. Y. Bracket. 2,163,511; June 20.
Cardox Corporation. (See Armstrong, Frank H., assignor.)
Cardox Corporation. (See Cavanagh, William C., assignor.)
Cardox Corporation. (See Geertz, Eric, assignor.)
Cardox Corporation. (See Geertz, E., and Taylor, assignors.)
Cardox Corporation. (See Harris, Allyn, assignor.)
Cardox Corporation. (See Myers, Leonard D., assignor.)
Cardwell-Westinghouse Company. (See Sproul, Donald F., assignor.)
Carew, Herman, assignor to Dixie-Vortex Company, Easton, Pa. Container and flanged closure therefor. 2,142,744; Jan. 3.
Carey, Elsie F., et al. (See Carey, George B., assignor.)
Carey, George B., assignor of one-half to E. F. Carey and one-half to J. R. Guildford, Regina, Saskatchewan, Canada. Curtain protector. 2,180,328; Nov. 14.
Carey, John F., Oklahoma City, Okla. Convertible power machine unit. 2,151,688; Mar. 28.
Carey-McFall Co. (See Stuber, W. J., and Di Ienno, assignors.)
Carey, Philip, Manufacturing Company, The. (See Fasold, George A., assignor.)
Carey, Philip, Manufacturing Company, The. (See Fischer, Albert C., assignor.)
Carey, Philip, Manufacturing Company, The. (See Greider, H. W., and Fasold, assignors.)
Carey, Philip, Manufacturing Company, The. (See Greider, H. W., and Marc, assignors.)
Carey, Philip, Manufacturing Company, The. (See Hunt, James B., assignor.)
Carey, Philip, Manufacturing Company, The. (See MacArthur, Roger A., assignor.)
Carey, Philip, Manufacturing Company, The. (See Malcom, Vincent V., assignor.)
Carey, Philip, Manufacturing Company, The. (See Miller, Walter E., assignor.)
Carington, Charles M., assignor to K. L. G. Sparking Plugs Limited, London, England. Joint for ceramic materials. 2,174,913; Oct. 3.
Carissimi, Louis C., Fairfield, assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,180,703; Nov. 21.
Carle, Guy F. (See Mueller, R. W., and Carle.)
Carleton, Emile J. (See Morin, G. G., and Carleton.)
Carleton, Michael D., assignor to Reed Roller Bit Company, Houston, Tex. Roller bit. 2,168,192; Aug. 1.
Carleton, Paul W., and H. E. Woodward, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Spirit soluble blue dyes. 2,153,740; Apr. 11.
Carley, Leonard R., Watertown, assignor to The Patent Button Company, Waterbury, Conn. Tack button. 2,170,234; Aug. 22.
Carley, Leonard R., Watertown, assignor to The Patent Button Company, Waterbury, Conn. Tack button. 2,170,235; Aug. 22.
Carley, Leonard R., Watertown, and F. G. Purinton, assignors to The Patent Button Company, Waterbury, Conn. Flexible button. 2,179,032; Nov. 7.
Carlier & Rahr, Inc. (See Rahr, William, assignor.)
Carlile, Alfred E., Meadville, Pa., assignor to Talon, Inc. Slider for slide fasteners. 2,147,571; Feb. 14.
Carlile, Alfred E., Meadville, Pa., assignor to Talon, Inc. Separable fastener. 2,157,381; May 9.
Carlile, Alfred E., Meadville, Pa., assignor to Talon, Inc. Slider lock. 2,166,581; July 18.
Carlin, Julius E., Freehold, N. J. Power wheel. 1,159,653; May 23.
Carlin, Theodore F. (See Staples, O. E., and Carlin.)
Carlini, Alfonso, Dawson, N. Mex. Turning table jack for automobiles. 2,156,582; May 2.
Carlino, Alexander, Cleveland, Ohio. Electric plug. 2,158,691; May 16.
Carlisle, Bert, Santa Ana, Calif., Fountain pen. 2,183,213; Dec. 12.
Carlisle, Charles J., Coldwater, Mich. Float. 2,163,483; June 20.
Carlisle, Paul J., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Bleaching with organic bleaching agent. 2,152,532; Mar. 28.
Carlisle, Richard W. (See Fisher, G., Tandler, and Carlisle.)
Carlisle, Richard W., Elmsford, N. Y. Facsimile system. 2,180,397; Nov. 21.
Carll, Harry, Tacoma, Wash. Suction cleaner for bag printing machines. 2,152,027; Mar. 28.
Carlo, Simon, Mayaguez, P. R. Sweep operated windlass. 2,146,622. Feb. 7.
Carlon, Robert. (See Halleran, H. T., and Carlon.)
Carlsen, Carl E., New York, N. Y. Pipe cutter with a removable handle. 2,184,114; Dec. 19.
Carlson, Adolph G., Chicago, Ill. Hopper closure mechanism. 2,166,484; July 18.
Carlson, Adolph G., Chicago, Ill. Feeder for pulverized materials. 2,167,416; July 25.
Carlson, Andrew J., Beresford, S. Dak. Coin holder. 2,148,978; Feb. 28.
Carlson, Andrew J., Beresford, S. Dak. Fly remover for doorways. 2,173,710; Sept. 19.
Carlson, Arnold B. (See Smith, Edgar B., assignor.)
Carlson, Axel S., New York, assignor, by mesne assignments, of one-half to J. C. Blue, Brooklyn, N. Y. Safety razor. 2,145,860; Feb. 7.
Carlson, Axel S., New York, assignor of one-half to J. C. Blue, Brooklyn, N. Y. Safety razor. 2,176,887; Oct. 24.
Carlson, Bert G. (See Kenyon, T. W., Zand, and Carlson.)
Carlson, Bert G., Freeport, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Altitude control for aircraft. 2,143,140; Jan. 10.
Carlson, Bert G., Freeport, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Aircraft automatic pilot. 2,144,614; Jan. 24.
Carlson, Bert G., Freeport, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Remote control means for airplane automatic pilots. 2,144,616; Jan. 24.
Carlson, Bert G., Freeport, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Rate control course changing means for automatic pilots. 2,155,401; Apr. 25.
Carlson, Bert G., Freeport, assignor to The Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Aircraft trim indicator. 2,171,265; Aug. 29.
Carlson, Bert G., Freeport, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Aircraft automatic pilot. 2,177,242; Oct. 24.
Carlson, Bert G., Freeport, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Automatic trim control for aircraft. 2,183,932; Dec. 19.
Carlson, Bert G., Bellerose, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Servomotor system for aircraft. 2,165,451; July 11.
Carlson, Bert G., Freeport, and T. W. Kenyon, Huntington, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Hydraulic automatic pilot. 2,143,139; Jan. 10.
Carlson, Carl E., assignor to L. R. Carlson, Minneapolis, Minn. Catch basket for clothes chutes. 2,182,689; Dec. 5.

Carlson, Carl G., Chicago, Ill. Refrigerator or cooler. 2,172,671; Sept. 12.
Carlson, Carl W., Springdale, Conn. Utility pail attachment. 2,151,895; Mar. 28.
Carlson, Conrad, Brooklyn, N. Y. Oar operating mechanism. 2,167,636; Aug. 1.
Carlson, Frank E., Cleveland, Ohio, assignor to General Electric Company. Optical projection apparatus. 2,180,031; Nov. 14.
Carlson, Frederick O., assignor to Master Rule Manufacturing Company, Inc., New York, N. Y. Extension rule. 2,160,304; May 30.
Carlson, George W., assignor to R. H. McClintic, Pittsburgh, Pa. Driving mechanism for pneumatic actions. 2,180,793; Nov. 21.
Carlson, George W., assignor to R. H. McClintic, Pittsburgh, Pa. Carriage return mechanism for automatic typewriters. 2,184,278; Dec. 26.
Carlson, Gilbert J., Bradford, Pa. Insulator clamp. 2,149,760; Mar. 7.
Carlson, Grace W., assignor to V. H. Roehrich, St. Paul, Minn. Antisudorific deodorizing shaving cream. 2,145,583; Jan. 31.
Carlson, Gustav W., Cleveland Heights, and R. C. Russell, Shaker Heights, assignors to Eaton Manufacturing Company, Cleveland, Ohio. Automotive drive axle. 2,147,144; Feb. 14.
Carlson, Gustav W., Cleveland Heights, and R. C. Russell, Shaker Heights, assignors to Eaton Manufacturing Company, Cleveland, Ohio. Automotive drive axle. 2,147,145; Feb. 14.
Carlson, Gustav W., Cleveland Heights, and R. C. Russel, Shaker Heights, assignors to Eaton Manufacturing Company, Cleveland, Ohio. Automotive drive axle. 2,147,146; Feb. 14.
Carlson, Gustav W., Cleveland Heights, and R. C. Russell, Shaker Heights, assignors to Eaton Manufacturing Company, Cleveland, Ohio. Lubrication system for automotive axles. 2,182,889; Dec. 12.
Carlson, Gustave A., Detroit, Mich. Work supporting table. 2,166,461; July 18.
Carlson, Gustave A., Detroit, Mich. Finishing machine. 2,166,859; July 18.
Carlson, Harold, Rutherford, N. J., assignor to The Associated Press, New York, N. Y. Portable picture transmission apparatus. 2,149,277; Mar. 7.
Carlson, Harold, Tuckahoe, assignor to The Associated Press, New York, N. Y. Motor. 2,177,516; Oct. 24.
Carlson, Harold, Tuckahoe, assignor to The Associated Press, New York, N. Y. Facsimile transmission apparatus. 2,182,115; Dec. 5.
Carlson, Herman B., assignor to Sargent & Company, New Haven, Conn. Juice-expressing device. 2,157,161; May 9.
Carlson, John E., Forestville, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electrical terminal. 2,161,246; June 6.
Carlson, Julius, Brooklyn, N. Y. Adjustable and washable lady's hat. 2,156,251; Apr. 25.
Carlson, Leslie R. (See Carlson, Carl E., assignor.)
Carlson, Marvin C. (See Popp, R., and Carlson.)
Carlson, Oscar, East Providence, R. I., assignor, by mesne assignments, to Dolan & Bullock. Cuff link. 2,149,132; Feb. 28.
Carlson, Oscar, East Providence, R. I., assignor to Dolan & Bullock. Collar holder. 2,150,020; Mar. 7.
Carlson, Oscar A., and L. Pratt, Detroit, Mich. Time controlled selector apparatus for radio receivers. 2,163,190; June 20.
Carlson, Oscar F., assignor of one-half to Oscar F. Carlson Company, and one-half to E. N. McDonnell, Chicago, Ill. Fluid responsive device. 2,142,435; Jan. 3.
Carlson, Oscar F., Company, et al. (See Carlson, Oscar F., assignor.)
Carlson, Philip, Long Hill, assignor to The Metropolitan Body Company, Bridgeport, Conn. Truck. 2,165,452; July 11.
Carlson, Philip, Long Hill, Conn. Truck body. 2,172,831; Sept. 12.
Carlson, Philip, Long Hill, assignor to The Metropolitan Body Company, Bridgeport, Conn. Guard rail. 2,172,830; Sept. 12.
Carlson, Richard. (See Thibebault, G. A., Visotski, Carlson, and Sweet.)
Carlson, Roy W., Berkeley, Calif. Stress meter. 2,148,013; Feb. 21.
Carlson, Samuel E., Alhambra, Calif. Battery terminal connection. 2,176,060; Oct. 17.
Carlson, Thomas J., San Francisco, Calif. Audiphone. 2,148,233; Feb. 21.
Carlson, Walter A., Minneapolis, Minn., assignor to General Mills, Inc. Producing crystalline ergosterol. 2,167,272; July 25.
Carlson, Wendell L. (See Conron, W. H., and Carlson.)
Carlson, Wendell L., Haddonfield, N. J., assignor to Radio Corporation of America. Intermediate frequency amplifier system. 2,167,605; July 25.
Carlson, Wendell L., and V. D. Landon, Haddonfield, N. J., assignors to Radio Corporation of America. Multiplex receiving system. 2,151,081; Mar. 21.
Carlson, Wilbur L., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Ignition system. 2,180,794; Nov. 21.
Carlton, Jack C., and A. C. Spangenberg, assignors to The Carlton Machine Tool Company, Cincinnati, Ohio. Drilling and honing machinery. 2,180,289; Nov. 14.
Carlton Machine Tool Company, The. (See Carlton, J. C., and Spangenberg, assignors.)
Carlyle Johnson Machine Co., The. (See Glenney, Thomas R., assignor.)
Carmack, Arthur F., Clarksville, assignor of one-half to W. A. Hendry, Waterloo, Iowa. Artificial arm. 2,157,747; May 9.
Carmie-Feature Underwear Inc. (See Flamberg, Irving, assignor.)
Carmody, Leonard W., and S. M. Campbell, Rock Island, Ill. Tractor hitch. 2,175,427; Oct. 10.
Carmody, Michael B., Shreveport, La. Collar. 2,157,591; May 9.
Carmody, William H., assignor to The Neville Company, Pittsburgh, Pa. Treatment of residual oils. 2,143,474; Jan. 10.
Carmody, William H., assignor to The Neville Company, Pittsburgh, Pa. Resin manufacture. 2,149,275; Mar. 7.
Carmody, William H., Pittsburgh, Pa., assignor to The Neville Company. Distillate oil from still residues. 2,149,577; Mar. 7.
Carmody, William H., Pittsburgh, Pa., assignor to The Neville Company. Hydrogenation of resins. 2,152,533; Mar. 28.
Carmody, William H., assignor to The Neville Company, Pittsburgh, Pa. Alcohol soluble resins. 2,160,537; May 30.
Carmody, William H., assignor to The Neville Company, Pittsburgh, Pa. Phenol-modified resins from crude solvent naphtha. 2,161,951; June 13.
Carnagua, Harold E., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Overdrive transmission. 2,176,202; Oct. 17.
Carnegie, Herbert S., Stafford, assignor to The English Electric Company Limited, London, England. Motor control system. 2,165,127; July 4.
Carnegie Institute of Technology. (See Kasehagen, L., and Lowry, assignors.)
Carnegie Institute of Technology. (See Howard, Henry C., assignor.)
Carnegie Institute of Technology. (See Juettner, Bernard, assignor.)
Carnes, Clifford T., C. F. Steffes, E. N. Wright, and J. E. Comer, Los Angeles, Calif. Sash balance. 2,174,732; Oct. 3.
Carnes, William A., Houston, Tex. Brake. 2,155,818; Apr. 25.
Carney, Charles F., Chicago, Ill., assignor to Westinghouse Electric Elevator Company, Jersey City, N. J. Elevator. 2,182,657; Dec. 5.
Carney, Charles F., and J. M. Gasprich, assignors to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator system. 2,172,187; Sept. 5.
Carney, Claude T. (See Brown, R. J., Nees, and Carney.)
Carney, Daniel E., assignor to J. M. Magee and H. I. Neaman, Pittsburgh, Pa. Renewable electric fuse. 2,168,791; Aug. 8.
Carney, William J., Columbus, Ohio. Nut making machine. 2,149,578; Mar. 7.
Carnie, Alexander, assignor to Truscon Steel Company, Youngstown, Ohio. Contraction joint. 2,167.199; July 25.
Carobronze Röhrenwerk Gesellschaft m. b. H. (See Bartosch, Wolfgang, assignor.)
Caroland, Herman P., Waurika, Okla. Inboard-outboard motorboat drive. 2,145,623; Feb. 7.
Carosi, Samuel L., Martins Ferry, Ohio. Device for sharpening cutlery. 2,157,816; May 9.
Carothers, Wallace H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyamides. 2,149,273; Mar. 7.
Carothers, Wallace H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stocking and producing same. 2,157,116; May 9.
Carothers, Wallace H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyamides and their production. 2,158,064; May 16.
Carothers, Wallace H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyamides. 2,174,619; Oct. 3..
Carothers, Wallace H., Arden, and J. W. Hill, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Making cyclic esters. •2,163,268; June 20.
Carothers, Wallace H., and G. D. Graves, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of polyamides. 2,163,584; June 27.
Carothers, Wallace H., deceased (by Wilmington Trust Co., executor), and A. M. Collins, assignors to E. I. du Pont de Nemours and Company, Wilmington, Del. Hydrohalogenation of vinylacetylene. 2,178,737; Nov. 7.
Carpender, William, New Brunswick, assignor, by mesne assignments, to Carrier Corporation, Newark, N. J. Fan economizer. Re. 21,243; Oct. 24.
Carpenter, Allan O., Corning, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Compressor regulator. 2,178,660; Nov. 7.
Carpenter, Arley D., Los Angeles, Calif. Trailer. 2,179,586; Nov. 14.
Carpenter, Arthur W., Hollywood, assignor to United Research Corporation, Burbank, Calif. Motion picture apparatus. 2,142,493; Jan. 3.

Carpenter, Carlos C., Syracuse, N. Y. Petrie dish. 2,144,255; Jan. 17.
Carpenter, Charles E., Chicago, Ill. Doughnut machine. 2,160,123; May 30.
Carpenter, Charles E., Chicago, Ill. Dough-batch cutter. 2,176,989; Oct. 24.
Carpenter, Charles W., Huntersville, N. C. Multiwheeled vehicle jack and jack holder. 2,145,847; Feb. 7.
Carpenter, George M. (See Lemmers, E., and Carpenter.)
Carpenter Heating & Stoker Company, The. (See Kelley, Zar W., assignor.)
Carpenter, Howard B., Elizabeth, N. J., assignor to Penola, Inc. Wood treating and preserving composition. 2,177,448; Oct. 24.
Carpenter, James H., and W. A. Gabrielson, assignors to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Assembly fixture for multiple-slip forms. 2,184,987; Dec. 26.
Carpenter, Margaret J., Washington, D. C. Toy building. 2,152,728; Apr. 4.
Carpenter, Marion S., Nutley, N. J., assignor to Givaudan-Delawanna, Inc., New York, N. Y. Tertiary butyl derivative of pseudocumene and preparing same. 2,144,615; Jan. 24.
Carpenter, Marion S., Nutley, N. J., assignor to Givaudan-Delawanna, Inc., New York, N. Y. Menthyl anthranilate and preparing same. 2,170,185; Aug. 22.
Carpenter, Miles H., York, Pa. Coupling device. 2,152,175; Mar. 28.
Carpenter, Purdom, Barrington, R. I. Lawn mower sharpening machine. 2,142,669; Jan. 3.
Carpenter Steel Company, The. (See De Long, B. H., and Greene, assignors.)
Carpenter, Warren W., Garden City, and R. F. Mallina, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selector switch. 2,173,548; Sept. 19.
Carpentieri, Vincenzo, Turin, Italy. Tomato and fruit peeling machine. 2,164,384; July 4.
Carp's, J. A., Garenfabrieken N. W. (See Zahn, Cornelis W., assignor.)
Carr, Brice M., Lebanon, Tenn. Carpenter's tool. 2,170,986; Aug. 29.
Carr, Charles E., Columbus, Ohio. Siphon-fed drinking trough. 2,142,556; Jan. 3.
Carr, Charles E., Columbus, Ohio. Corncrib or similar structure. 2,171,121; Aug. 29.
Carr, Clifford E. (See Perkins, M. A., and Carr.)
Carr, Clifford H., Kansas City, Mo. Spray nozzle. 2,161,016; June 6.
Carr, Donald E., Long Beach, and M. L. Wade, Naples, assignors to Union Oil Company of California, Los Angeles, Calif. Dewaxing oil. 2,158,671; May 16.
Carr, Donald E., Long Beach, and M. L. Wade, Naples, assignors to Union Oil Company of California, Los Angeles, Calif. Dewaxing oil. 2,158,672; May 16.
Carr, Dugald M., Gibbstown, and W. S. Pilcher, Wenonah, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of sludges. 2,179,919; Nov. 14.
Carr Fastener Company Limited. (See Kohler, John H., assignor.)
Carr Fastener Company Limited. (See Wagstaff, George, assignor.)
Carr, John B., Detroit, Mich., and H. C. Rathke, Chicago, Ill., assignors to The Meyercord Company. Decalcomania. 2,154,198; Apr. 11.
Carr, John O., Park Ridge, assignor to Teletype Corporation, Chicago, Ill. Station selector system. 2,148,435; Feb. 28.
Carr-Lowrey Glass Co. (See Beck, Norman R., assignor.)
Carr, Raymond L., Boston, Mass. Vehicle body. 2,181,869; Dec. 5.
Carr, Richard H. (See Wagner, C. R., and Carr.)
Carr, Richard H., Evanston, assignor to The Pure Oil Company, Chicago, Ill. Method and apparatus for transferring heat. 2,155,383; Apr. 25.
Carr, Richard H., Evanston, assignor to The Pure Oil Company, Chicago, Ill. Pumping system and operating same. 2,155,384; Apr. 25.
Carr, Richard H., W. M. Saxon, G. G. Hebard, and Y. Neal, assignors to The Pure Oil Company, Chicago, Ill. Well drilling indicator. 2,163,665; June 27.
Carrasco-Sánchez, Manuel, New York, N. Y. Motor. 2,168,672; Aug. 8.
Carrateck Corporation. (See Cook, Jerome E., assignor.)
Carre, Frederick W. L., Lachine, Quebec, Canada. Ball game. 2,169,038; Aug. 8.
Carreras, James, and R. Laborda, Brooklyn; said Carreras assignor of one-fourth to F. Valls, one-eighth to A. Gausch, and one-eighth to J. Gausch, New York, N. Y. Venetian blind. 2,170,938; Aug. 29.
Carrick, Oland W. (See Gunderson, L. O., and Carrick.)
Carrier Corporation. (See Ashley, Carlyle M., assignor.)
Carrier Corporation. (See Brown, Seymour, assignor.)
Carrier Corporation. (See Carpender, William, assignor.)
Carrier Corporation. (See Carrier, Willis H., assignor.)
Carrier Corporation. (See Grant, Walter A., assignor.)
Carrier Corporation. (See Hanson, Lars, assignor.)
Carrier Corporation. (See Jones, Walter, assignor.)
Carrier Corporation. (See Noble, Milner, assignor.)
Carrier Corporation. (See Osborn, Paul V., assignor.)
Carrier Corporation. (See Parcaro, Michael, assignor.)
Carrier Corporation. (See Perkins, Laurence M., assignor.)
Carrier Corporation. (See Pritchard, William J., assignor.)
Carrier Corporation. (See Seid, Herman, assignor.)
Carrier Corporation. (See Shawhan, Sam F., assignor.)
Carrier Corporation. (See Shawhan, S. F., and Ashley, assignors.)
Carrier Corporation. (See Soule, Lawrence C., assignor.)
Carrier, Willis H., Essex Fells, assignor, by mesne assignments, to Carrier Corporation, Newark, N. J. Air conditioning system for railroad cars. 2,154,263; Apr. 11.
Carrier, Willis H., Essex Fells, assignor, by mesne assignments, to Carrier Corporation, Newark, N. J. Refrigerant circulation. 2,168,438; Aug. 8.
Carrington, Campbell, New York, N. Y. Identification clip for keys. 2,173,752; Sept. 19.
Carrizo, Luis B., Quilino, Argentina. Treating and purifying sodium chloride. 2,144,328; Jan. 17.
Carroll, Burt H. (See Mannes, L. D., Godowsky, and Carroll.)
Carroll, Burt H., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,166,938; July 25.
Carroll, Burt H., Rochester, N. Y., and E. P. Davey, Harrow, England, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,177,635; Oct. 31.
Carroll & Carroll. (See Hill, Ernest F., assignor.)
Carroll, Charles F., London, England. Cutting torch or blowpipe. 2,170,793; Aug. 29.
Carroll, Clayton C. (See Kerone, E. B. W., and Carroll.)
Carroll, Ellsworth W., assignor to Sussman Wormser & Co., San Francisco, Calif. Fruit-processing apparatus. 2,169,353; Aug. 15.
Carroll, Eugene G., assignor of fifty percent to S. T. Hankey, Los Angeles, Calif. Hydraulic brake. 2,148,727; Feb. 28.
Carroll, Eugene G., Los Angeles, Calif., assignor to Bendix Aviation Corporation, South Bend, Ind. Master cylinder and piston structure. 2,170,851; Aug. 29.
Carroll, Fred H., assignor of one-half to G. P. Koelliker, Jacksonville, Fla. Exhaust nozzle for locomotives. 2,182,370; Dec. 5.
Carroll, Fred M., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,174,686; Oct. 3.
Carroll, Fred M., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Tabulating card printing machine. 2,181,935; Dec. 5.
Carroll, Fred M., Binghamton, and A. F. Smith, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,174,685; Oct. 3.
Carroll, George S., Bennington, N. H. Paper manufacturing. Re. 21,098; May 30.
Carroll, Jack, Rock Hill, S. C. Flashlight attachment for cameras. 2,180,276; Nov. 14.
Carroll, James J., Detroit, Mich. Piston ring. 2,160,379; May 30.
Carroll, John. (See Richardson, C. E., and Carroll.)
Carroll, Monroe W., Beaumont, Tex. Hydraulic tank gauge mechanism. 2,147,427; Feb. 14.
Carroll, Walter P., Cicero, and D. S. Kondrat, Chicago, Ill., assignors to National Lead Company, New York, N. Y. Dip-soldering. 2,161,556; June 6.
Carroll, Willard W., Kalamazoo, Mich. Refrigerator door. 2,155,967; Apr. 25.
Carroll, William L., deceased, Benton Harbor, Mich.; G. J. Lynch, administrator, assignor to H. A. Budin, New York, N. Y. Bunion removing appliance. 2,150,645; Mar. 14.
Carroll, William M., assignor to S. F. Bowser & Company, Inc., Fort Wayne, Ind. Liquid dispensing apparatus. 2,169,635; Aug. 15.
Carrollton Metal Products Company, The. (See Stevens, Carl A., assignor.)
Carrom Company, The. (See Stearns, Freeman R., assignor.)
Carruth, Herman A., Northford, assignor to National Folding Box Company, New Haven, Conn. Method and apparatus for assembling wrapped boxes. 2,166,126; July 18.
Carruth, R. A. (See McGinnis, Baldy, assignor.)
Carruth, William G., Richmond Hill, N. Y. Heater. 2,176,061; Oct. 17.
Carruthers, Charles, Bath, England. Roller and breast grinding mill. 2,156,618; May 2.
Carruthers, Charles, Bath, England. Roller grinding mill. 2,156,620; May 2.
Carruthers, Charles, and J. R. Torrance, Bath, England. Roller and breast bar mill. 2,156,619; May 2.
Carruthers, Eben H., assignor to Goulds Pumps, Inc., Seneca Falls, N. Y. Exhaust heater. 2,169,555; Aug. 15.
Carruthers, Thomas F., South Charleston, and C. M. Blair, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Esters of glycol monoesters and acylated hydroxy acids. 2,151,185; Mar. 21.
Carruthers, Thomas F., South Charleston, and C. M. Blair, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Light stabilizers for vinyl resins. 2,157,068; May 2.

Carruthers, Thomas F., South Charleston, and C. M. Blair, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Esters of glycol and acylated hydroxy acids. 2,158,107; May 16.
Carry-Pack Corporation. (See Dalebrook, Charles M., assignor.)
Carscallen, Henry M., San Francisco, Calif. Stencil sheet. 2,177,768; Oct. 31.
Carski, Theodore J., and J. H. Brewer, Baltimore, Md. Pipetting machine. 2,148,899; Feb. 28.
Carsley, Harold G., Waukegan, Ill., assignor to Cyclone Fence Company. Container. 2,169,520; Aug. 15.
Carson, Amon H., and R. O. Anderson, Oklahoma City, Okla. Hydraulic power transmitting apparatus. 2,150,539; Mar. 14.
Carson, Benjamin R. (See Jones, N. R., and Carson.)
Carson, Charles E., Bronson, assignor to Utility Patent Trust No. 17,938, Union Guardian Trust Co., Detroit, Mich. Electrical connection. 2,143,645; Jan. 10.
Carson, Charles E., Bronson, assignor to Utility Patent Trust No. 17,938, Union Guardian Trust Co., Detroit, Mich. Electrical connection. 2,175,251; Oct. 10.
Carson, Edward B., Fort Myers, Fla. Table top ironing machine. 2,175,377; Oct. 10.
Carson, Frank L., West Hollywood, Calif. Wire reel. 2,173,352; Sept. 19.
Carson, James H., Oklahoma City, Okla. Separator. 2,147,088; Feb. 14.
Carson, Joseph O., Indianapolis, Ind. Brooder. 2,171,521; Sept. 5.
Carson Machine & Supply Co. (See Hickman, John M., assignor.)
Carson, Oswald B., Scarsdale, N. J., assignor to American Hard Rubber Company, New York, N. Y. Comb. 2,164,385; July 4.
Carson, William E., Riverton, Va. Making plastic lime. 2,147,191; Feb. 14.
Carson, William E., Riverton, Va. Nozzle. 2,147,192; Feb. 14.
Carstens, Fritz A. (See Nilson, E. H., and Carstens.)
Carswell, Firman L. (See Payne, Carman G., assignor.)
Carswell, Firman L., Johnson County, Kans., and O. W. Schmidt, Kansas City, Mo. Irrigation and drainage tube. 2,153,789; Apr. 11.
Carswell, Firman L., Johnson County, Kans., and O. W. Schmidt, Kansas City, Mo. Drainage tube. 2,153,790; Apr. 11.
Carswell, Firman L., and R. F. Sanchez, Kansas City, Kans., assignors to M. W. Borders, Jr., Kansas City, Mo. Composition to increase the efficiency of internal combustion engines. 2,154,664; Apr. 18.
Carswell, Thomas S., Kirkwood, assignor to Monsanto Chemical Company, St. Louis, Mo. Preservation of cellulosic materials. 2,142,604; Jan. 3.
Carswell, Thomas S., Kirkwood, assignor to Monsanto Chemical Company, St. Louis, Mo. Phenol stabilization. 2,161,772; June 6.
Carswell, Thomas S., Glendale, assignor to Monsanto Chemical Company, St. Louis, Mo. Preservation of fermentable materials. 2,157,113; May 9.
Carta, Harry, Ocala, Fla. Vehicle bumper. 2,173,408; Sept. 19.
Carter, Albert S. (See Calcott, W. S., Carter, and Downing.)
Carter, Albert S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing diacetyl. 2,145,388; Jan. 31.
Carter, Albert S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,161,797; June 13.
Carter, Albert S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,161,798; June 13.
Carter, Albert S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Separating divinylacetylene and ethinylbutadiene. 2,173,272; Sept. 19.
Carter, Albert S., assignor to E. I. du Pont de Nemours & Co., Wilmington, Del. Preparation of cyclic compounds from vinyl acetylenes. 2,175,339; Oct. 10.
Carter, Albert S., Wilmington, and H. W. Starkweather, New Castle County, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic polymerization of acetylene. 2,162,373; June 13.
Carter, Bernard M., Montclair, N. J., assignor to General Chemical Company, New York, N. Y. Ore concentration by flotation. 2,145,848; Feb. 7.
Carter, Bernard M., Montclair, N. J., assignor to General Chemical Company, New York, N. Y. Production of sulphur. 2,148,258; Feb. 21.
Carter, Bernard M., Montclair, N. J., assignor to General Chemical Company, New York, N. Y. Producing arsenic acid by reaction of nitric acid and arsenious oxide, with recovery of nitric acid. 2,165,957; July 11.
Carter, Bernard M., Montclair, N. J., assignor to General Chemical Company, New York, N. Y. Roasting ore. 2,174,185; Sept. 26.
Carter, Bernard M., Montclair, N. J., assignor to General Chemical Company, New York, N. Y. Manufacture of sulphuric acid. 2,180,727; Nov. 21.
Carter Carburetor Corporation. (See Berry, Russell G., assignor.)
Carter Carburetor Corporation. (See Blattner, August H., assignor.)
Carter Carburetor Corporation. (See Blattner, A. H., and Kommer, assignors.)
Carter Carburetor Corporation. (See Brown, Morris C., assignor.)
Carter Carburetor Corporation. (See Coffey, Irven E., assignor.)
Carter Carburetor Corporation. (See Ericson, George R., assignor.)
Carter Carburetor Corporation. (See Ericsson, Le Roy J., assignor.)
Carter Carburetor Corporation. (See Ewart, William M., assignor.)
Carter Carburetor Corporation. (See Henning, Otto, assignor.)
Carter Carburetor Corporation. (See Kommer, Fred A., assignor.)
Carter Carburetor Corporation. (See Korte, Alfred C., assignor.)
Carter Carburetor Corporation. (See Moseley, James T. W., assignor.)
Carter Carburetor Corporation. (See Nieman, Ernst H., assignor.)
Carter Carburetor Corporation. (See Renner, Harold G., assignor.)
Carter, Clarence F., Danville, Ill. Method of and apparatus for filling containers with powder or other comminuted material. 2,170,469; Aug. 22.
Carter, Dannie M. (See Solomon, N. B., Jr., and Carter.)
Carter, Donald M. (See Bernard, David G., assignor.)
Carter, Donald M. (See Ross, Warren A., assignor.)
Carter, Edward J., et al. (See Geller, Leon W., assignor.)
Carter, Fred E., Maplewood, N. J., S. L. Handforth, Gordon Heights, Del., and W. E. Kirst, Woodbury, N. J., assignors of one-half to E. I. du Pont de Nemours and Company, Inc., and one-half to Baker and Company, Inc., Newark, N. J. Process of oxidizing ammonia. 2,167,708; Aug. 1.
Carter, Haskell C., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Air flow control for underfeed stokers. 2,149,934; Mar. 7.
Carter, Haskell C., Portland, Oreg., and T. A. Marsh, Chicago, Ill., assignors to Iron Fireman Manufacturing Company, Portland, Oreg. Overfeed stoker. 2,158,673; May 16.
Carter, Henry R. (See Garner, W. B., and Carter.)
Carter, Herbert A., Norwood, assignor to The Burger Brewing Company, Cincinnati, Ohio. Bottle case structure. 2,151,896; Mar. 28.
Carter, Irving G., Green Briar, Tenn., assignor to American Telephone and Telegraph Company. Wire wrapping tool. 2,165,883; July 11.
Carter, John F., assignor to Modern Equipment Corporation, Defiance, Ohio. Lift structure. 2,158,399; May 16.
Carter, Leonard F., Colorado Springs, Colo. Automatic automobile signal light switch. 2,169,088; Aug. 8.
Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Stabilizing means for landing field charts. 2,178,623; Nov. 7.
Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Resetting device for directional gyroscopes. 2,180,221; Nov. 14.
Carter, Leslie F., Leonia, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Artificial horizon. 2,183,133; Dec. 12.
Carter, Leslie F., Leonia, N. J., and A. F. Spilhaus, New York, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Directional gyroscope. 2,174,777; Oct. 3.
Carter, Leslie F., Leonia, N. J., and M. F. Bates, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Stabilized magnetic compass. 2,176,203; Oct. 17.
Carter, Leslie F., Leonia, N. J., and M. F. Bates, assignors to Sperry Gyroscope Company, Inc, Brooklyn, N. Y. Gyro sextant. 2,177,094; Oct. 24.
Carter, Lionel A., Webster Groves, assignor to Lehman Machine Company, St. Louis, Mo. Fluid operated change speed mechanism. 2,154,605; Apr. 18.
Carter, Lionel A., Webster Groves, Mo. Setting and indicating device for change speed transmissions. 2,170,293; Aug. 22.
Carter, Mitchell, Trenton, N. J., assignor, by mesne assignments, to Rubber Products, Inc., Chicago, Ill. Producing molded rubber articles. 2,161,281; June 6.
Carter, Philip M. (See Reilly, F. C., Carter, and Linsley.)
Carter, Philip M., New York, N. Y., and L. A. Larsen, Canton, Ohio, assignors to Vaco Products, Inc., Jersey City, N. J. Fluid pressure operated gear shifter. 2,181,963; Dec. 5.
Carter, Philip M., White Plains, and L. A. Larsen, Brooklyn, N. Y., assignors to Vaco Products, Inc. Automotive vehicle transmission. 2,162,937; June 20.
Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Antenna system. 2,149,726; Mar. 7.
Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Aperiodic antenna. 2,165,958; July 11.
Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Antenna. 2,166,750; July 18.
Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Short wave antenna. 2,175,252; Oct. 10.

Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Short wave antenna. 2,175,253; Oct. 10.
Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Wide-band short-wave antenna and support therefor. 2,175,254; Oct. 10.
Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Antenna. 2,177,449; Oct. 24.
Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Wide band, short wave antenna and transmission line system. 2,181,870; Dec. 5.
Carter, Philip S., Port Jefferson, N. Y., assignor to Radio Corporation of America. Directional antenna. 2,183,784; Dec. 19.
Carter, Ray M., Glenbrook, Conn., assignor to U. S. Industrial Alcohol Co., New York, N. Y. Production of olefin oxides. 2,177,361; Oct. 24.
Carter, Roscoe H., Washington, D. C., dedicated to the free use of the Public in the territory of the United States of America. Insecticidal and fungicidal compositions. 2,150,759; Mar. 14.
Carter, Roscoe H., Washington, D. C., dedicated to the free use of the People of the United States of America. Copper xanthate. 2,173,383; Sept. 19.
Carter, Roscoe H., Washington, D. C., dedicated to the free use of the People of the United States of America. Copper xanthate. 2,173,384; Sept. 19.
Carter, Russell W., Albia, assignor to Automatic Washer Company, Newton, Iowa. Washing machine agitator. 2,177,383; Oct. 24.
Carter, Samuel C. (See Campbell, J. A., and Carter.)
Carter, Sidney T., New Kensington, Pa., assignor, by mesne assignments, to Schenley Distillers Corporation. Mechanism for labeling bottles and other containers. 2,159,318; May 23.
Carter, Warren G., and E. P. Chandler, Ocean Park, Calif. Fishing jig. 2,163,666; June 27.
Carter, William, Company, The. (See Redmond, Harriet L., assignor.)
Carter, William L. C. (See Morton, J., and Carter.)
Carter, William L. C. (See Morton, J., Hannay, and Carter.)
Carthage Machine Company. (See Pelot, F., and Gotz, assignors.)
Carthage Mills Incorporated. (See Cavey, Arthur T., assignor.)
Cartier, Inc. (See Hennings, Gustav, assignor.)
Cartier, Societe Anonyme. (See Bezault, Georges A. J., assignor.)
Cartigny, Georges. (See Loiseau, H., and Cartigny.)
Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 2,151,741; Mar. 28.
Cartlidge, Frank, assignor to Goodman Manufacturing Company, Chicago, Ill. Transmission device. 2,171,647; Sept. 5.
Cartmell, Benjamin L., Dayton, Ohio. Automatic record changer for phonographs. 2,148,531; Feb. 28.
Cartmill, Loyd E. (See Torburn, Gustav P., assignor.)
Cartun, Paul O., Cleveland Heights, and W. D. Pew, East Cleveland, Ohio, assignors to General Electric Company. Electric incandescent lamp. 2,164,288; June 27.
Carvers, Emmett K., and B. E. Gramkee, assignors to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin sheet containing tripropionin. 2,182,371; Dec. 5.
Carwadine, George, Bath, assignor of one-third to Herbert Terry & Sons Limited, Redditch, England. Spring-controlled mechanism. 2,161,334; June 6.
Cartwright, Eugene M., North Woodbury, assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Method and apparatus for sizing tubular terminals. 2,174,967; Oct. 3.
Cartwright, Eugene M., North Woodbury, assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Sizing the terminals of pipe fittings. 2,181,577; Nov. 28.
Cartwright, Frank S., Oklahoma City, Okla. Connecting and locking puller. 2,142,494; Jan. 3.
Cartwright, Horace A., Oregon, Ill. Distributor apparatus and governor therefor. 2,159,319; May 23.
Carus, Alwin C., La Salle, Ill., assignor to Carus Chemical Company. Preparation of quinone. 2,144,424; Jan. 17.
Carus Chemical Company. (See Carus, Alwin C., assignor.)
Carus Chemical Company. (See Schumacher, Joseph C., assignor.)
Carus, Vaughn F., and D. D. Alexander, assignors, by mesne assignments, to Baker Perkins Company, Inc., Saginaw, Mich. Conveyer aligning device. 2,160,057; May 30.
Caruthers, Robert S., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave amplifying system. 2,166,929; July 25.
Caruthers, Robert S., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier current transmission system. 2,172,832; Sept. 12.
Carvalho, Leslie R. N., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Receptacle closure. 2,181,799; Nov. 28.
Carvalho, Leslie R. N., and C. F. Schmidt, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Method and apparatus for applying closures to receptacles. 2,152,534; Mar. 28.
Carvel, Richard, New York, N. Y. Concrete wall section. 2,151,420; Mar. 21.
Carver, Emmett K., assignor to Eastman Kodak Company, Rochester, N. Y. Removing air bubbles from film dope. 2,168,972; Aug. 8.
Carver, Melvin, Carlsbad, N. Mex. Automobile-hood lock. 2,168,973; Aug. 8.
Carver, Richard N. (See Lohr, R., and Carver.)
Carver, William S. (See Maley, J. R., and Carver.)
Cary, George H., Minneapolis, Minn. Adjustable spout for cans. 2,179,280; Nov. 7.
Caryl, Coleman R., and A. O. Jaeger, Mount Lebanon, assignors to American Cyanamid & Chemical Corporation, Bridgeville, Pa. Detergent composition. 2,181,087; Nov. 21.
Casablancas, Fernando, assignor to Casablancas High Draft Co., Ltd., Manchester, England. Mechanism for imparting false twist to textile rovings. 2,151,263; Mar. 21.
Casablancas, Fernando, assignor to Casablancas High Draft Co., Ltd., Manchester, England. Mechanism for drawing textile rovings. 2,175,107; Oct. 3.
Casablancas, Fernando, assignor of one-half to Casablancas High Draft Company Limited, Manchester, England. Flier frame for textile rovings. 2,175,108; Oct. 3.
Casablancas, Fernando, assignor of one-half to Casablancas High Draft Company Limited, Manchester, England. Flyer frame for textile rovings. 2,180,792; Nov. 21.
Casablancas High Draft Co. (See Casablancas, Fernando, assignor.)
Casablancas High Draft Company Limited. (See Casablancas, Fernando, assignor.)
Casas Robert, Ramon, Geneva, Switzerland. Tension device for sewing machines. 2,166,770; July 18.
Casburn, Ernest V. (See Smith, K. S., and Casburn.)
Casci, Gene, et al. (See Starke, Anton A., assignor.)
Casci, Georgiana, et al. (See Starke, Anton A., assignor.)
Cascio, S. Stanley, Brooklyn, N. Y. Form for concrete and the like walls and method. 2,157,688; May 9.
Casciotti, Roberto, Buenos Aires, Argentina. Device for carrying sheets of paper, etc. 2,147,963; Feb. 21.
Casco Products Corporation. (See Bahr, Gustave F., assignor.)
Casco Products Corporation. (See Cohen, Joseph H., assignor.)
Casco Products Corporation. (See Cohen, J. H., and Youhouse, assignors.)
Casco Products Corporation. (See Johnson, Arthur A., assignor.)
Case, Bernard C. (See Viers, E. D., and Case.)
Case, Charles S., and C. Gratsinger, Binghamton, N. Y. Coil spring device. 2,143,299; Jan. 10.
Case, Charles Z., and C. J. Hughey, assignors to Eastman Kodak Company, Rochester, N. Y. Combined letter sheet and envelope. 2,152,135; Mar. 28.
Case, Harold W., Dayton, Ohio. Retractable cabin enclosure for aircraft. 2,142,997; Jan. 10.
Case, Harold W., Dayton, Ohio. Integral tail wheel and rudder for airplanes. 2,170,808; Aug. 29.
Case, J. I., Company. (See Crawford, John F., assignor.)
Case, J. I., Company. (See Larsen, Carl B., assignor.)
Case, J. I., Company. (See MacGregor, Wallace F., assignor.)
Case, J. I., Company. (See Traphagen, Harry R., assignor.)
Case, J. I., Company. (See White, Carl E., assignor.)
Case, John D., Clinton, N. J. Milk tester. 2,162,156; June 13.
Case, Lynn B. (See Warner, S. W., and Case.)
Case, Nelson P., Great Neck, N. Y., assignor to Hazeltine Corporation. Signal-translating system. 2,148,604; Feb. 28.
Case, Nelson P., Great Neck, N. Y., assignor to Hazeltine Corporation. Automatic frequency control. 2,163,234; June 20.
Case, Nelson P., Great Neck, N. Y., assignor to Hazeltine Corporation. Multiband receiver. 2,168,193; Aug. 1.
Case, Nelson P., Great Neck, N. Y., assignor to Hazeltine Corporation. Automatic selectivity control. 2,169,830; Aug. 15.
Case, Nelson P., Great Neck, N. Y., assignor to Hazeltine Corporation. Adjustable inductance. 2,173,084; Sept. 19.
Case, Nelson P., Great Neck, N. Y., assignor to Hazeltine Corporation. Automatic tuning arrangement. 2,174,566; Oct. 3.
Case, Oliver M., assignor to F. B. C. Mini, Evansville, Ind. Fastening device. 2,168,324; Aug. 8.
Case, Samuel L. (See Graham, H. W., and Case.)
Casella, Secondo L., Brooklyn, N. Y. Mustard container. 2,151,684; Mar. 28.
Casement Hardware Co., The. (See Roberts, Owen W., assignor.)
Caserta, Michele, Detroit, Mich., assignor to Bendix Aviation Corporation, South Bend, Ind. Motor-car controlling means. 2,175,179; Oct. 10.
Casey, Warren A., et al., trustees. (See Waite, Donald H., assignor.)
Cash, A. W., Company. (See Temple, Paul C., assignor.)
Cash, A. W., Company. (See Terry, Charles M., assignor.)

Cashion, Martin L., and R. Smith, Houston, Tex., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Method and apparatus for performing fishing operations. 2,179,033; Nov. 7.
Casidy, Osceola, Wichita, Kans. Necktie device. 2,180,861; Nov. 21.
Casler, Roger H., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Gear shifting mechanism. 2,157,592; May 9.
Casley, Dallas S., Belpre, Ohio. Load carrier. 2,180,032; Nov. 14.
Casner, John R., Piggott, Ark. Supported funnel. 2,179,400; Nov. 7.
Casner Patents, Inc. (See Casner, Thaddeus S., assignor.)
Casner, Thaddeus S., Plainfield, N. J., assignor to Casner Patents, Inc. Shaving machine. 2,145,247; Jan. 31.
Casner, Thaddeus S., Plainfield, N. J., assignor to Casner Patents, Inc. Magnetic motor for electric razors or the like. 2,150,153; Mar. 14.
Casner, Thaddeus S., Plainfield, N. J., assignor to Casner Patents, Inc. Dual voltage magnetic motor. 2,174,652; Oct. 3.
Casper, Anthony B., assignor to Houde Engineering Corporation, Buffalo, N. Y. Shock absorber for bicycles and similar type vehicles. 2,162,476; June 13.
Casper, Anthony B., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,182,581; Dec. 5.
Casper, Carl G. and C., Kenton, Ohio. Rotary live stock feeder. 2,153,455; Apr. 4.
Casper, Clarence. (See Casper, Carl G. and C.)
Casper, Louis. (See Blumenthal, M., and Casper.)
Caspersson, Karl A., Alsten, assignor to Aktiebolaget Superior, Stockholm, Sweden. Lawn mower. 2,181,781; Nov. 28.
Cass, Freeman, assignor to Mitchell Bissell Company, Trenton, N. J. Thread guide. 2,152,136; Mar. 28.
Cass, Oliver W. (See Levine, A. A., and Cass.)
Casse, Joseph E. (See Graham, M. P., Hufferd, and Casse.)
Casse, Joseph E. (See Hufferd, G. H., and Casse.)
Cassé, Marcel, Essonnes, France. Hat brim curling machine. 2,161,017; June 6.
Cassell, Joseph L. (See Levy, S. J., and Cassell.)
Cassettari, Don, et al. (See Starke, Anton A., assignor.)
Cassidy, Perry R. (See Bailey, E. G., Cassidy, Hardgrove, and Ebbets.)
Cassidy, Perry R., Short Hills, assignor to The Babcock & Wilcox Company, Newark, N. J. Heat exchanger. 2,149,007; Feb. 28.
Cassidy, Perry R., Short Hills, assignor to The Babcock & Wilcox Company, Newark, N. J. Furnace. 2,169,972; Aug. 15.
Cassidy, Roy E., Los Angeles, Calif. Power transmission. 2,179,841; Nov. 14.
Cassie, John, Boston, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Hat forming system. 2,175,454; Oct. 10.
Cassiere, Alphonse T., assignor to F. L. Rogers, Long Beach, Calif. Feed mechanism. 2,152,632; Apr. 4.
Cassileth, Lee H. (See Cassileth, Morris A., assignor.)
Cassileth, Morris A., assignor of one-half to L. H. Cassileth, Brooklyn, N. Y. Door handle lock. 2,151,587; Mar. 21.
Cassity, Isaac N., Topeka, Kans. Lens surfacing machine. 2,144,179; Jan. 17.
Cast, William B., Parkville, Mo. Knock-down load support. 2,160,124; May 30.
Castator, Jesse B., et al. (See Eastin, Rollie R., assignor.)
Castator, Jesse C., et al. (See Eastin, Rollie R., assignor.)
Castator, Loretta, et al. (See Eastin, Rollie R., assignor.)
Castberg, Thomas, Berkeley, Calif. Skiing surface. 2,161,799; June 13.
Castenea Paper Company. (See Jones, R. N., and Gomez, assignors.)
Castetter, Ernest A., Anderson, Ind. Ice creeper. 2,163,512; June 20.
Castle, Alfred J., assignor to Inland Steel Company, Chicago, Ill. Producing ferrous sheet material. 2,171,300; Aug. 29.
Castle, George F., assignor of one-half to H. A. Buhman, Baltimore, Md. Accelerator. 2,166,128; July 18.
Castillón, Guillermo L., Monterrey, Mexico. Revoluble sign structure. 2,167,563; July 25.
Castings Patent Corporation. (See Hagemeyer, Henry F., assignor.)
Castner, James B., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing sulphuric acid. 2,163,371; June 20.
Casto, Lloyd V., Detroit, Mich. Coating or decorating apparatus. 2,145,861; Feb. 7.
Casto, Lloyd V., Detroit, Mich., G. von Webern, and E. W. Hamant, Dayton, Ohio, assignors to Oxford Varnish Corporation, Detroit, Mich. Printing member. 2,169,221; Aug. 15.
Casto, Lloyd V., Detroit, Mich., and G. von Webern and E. W. Hamant, Dayton, Ohio, assignors to Oxford Varnish Corporation, Detroit, Mich. Surface decorating mechanism. 2,176,062; Oct. 17.
Castonguay, Albert, et al. (See Castonguay, Joseph, assignor.)
Castonguay, Joseph, assignor of one-third to A. Castonguay, and one-third to W. Castonguay, Salem, Mass. Counter molding machine. 2,152,838; Apr. 4.
Castonguay, William, et al. (See Castonguay, Joseph, assignor.)
Castricone, John A., Peoria, Ill. Electric heating element. 2,177,476; Oct. 24.
Catalano, William A., Shaker Heights, Ohio. Machine for testing the dynamic balance of wheels. 2,146,417; Feb. 7.
Catalin Corporation of America. (See Flood, W. E., and Howells, assignors.)
Cataline, Benton. (See Tenney, P. L., and Cataline.)
Catalyst Research Corporation. (See Bennett, Owen G., assignor.)
Catanach, Arthur E., and E. Kolthoff, Port Arthur, Tex., assignors to Gulf Oil Corporation, Pittsburgh, Pa. Dispersing agent and making the same. 2,181,449; Nov. 28.
Catanzaro, Frank J., Cincinnati, Ohio. Safety guard. 2,167,292; July 25.
Catasta, Romulus, assignor to Oesterr Ung. Optische Anstalt C. P. Goerz Gesellschaft m. b. H., Vienna, Austria. Optical observation apparatus for armored vehicles. 2,147,089; Feb. 14.
Catchpole, Hubert R., and W. R. Lyons, Berkeley, Calif.; said Lyons assignor to said Catchpole. Gonad-stimulating product and production. 2,173,353; Sept. 19.
Caten, Walter E., Dayton, Ohio, assignor, by mesne assignments, to Humoco Corporation, Louisville, Ky. Container. 2,179,227; Nov. 7.
Cater, Harry L., as trustee. (See Taylor, Alfrer P., assignor.)
Caterpillar Tractor Co. (See Eberhard, Harmon S., assignor.)
Caterpillar Tractor Co. (See Gedstad, Rudolph, assignor.)
Caterpillar Tractor Co. (See Rosen, Carl G. A., assignor.)
Caterpillar Tractor Co. (See Starr, Oscar L., assignor.)
Caterpillar Tractor Co. (See Starr, O. L., and Lewis, assignors.)
Caterpillar Tractor Co. (See Starr, O. L., Grothe, and Eberhard, assignors.)
Cather, Jay H., Rochester, N. Y. Combined sink and garbage can. 2,172,188; Sept. 4.
Cather, Jay H., assignor to Eastman Kodak Company, Rochester, N. Y. Noncondensable gas purger. 2,172,239; Sept. 5.
Catini, Vincenzo, assignor to Spiral Binding Company, Inc., New York, N. Y. Loose leaf binding. 2,149,838; Mar. 7.
Catini, Vincenzo, assignor to Spiral Binding Company, Inc., New York, N. Y. Spiral binding machine. 2,166,519; July 18.
Catini, Vincenzo, assignor to F. Amato, New York, N. Y. Apparatus for spiral binding. 2,177,054; Oct. 24
Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Rotary well bit. 2,154,032; Apr. 11.
Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Cutter mounting. 2,156,676; May 2.
Catland, Alfred C., Alhambra, and J. H. Howard, Huntington Park; said Catland assignor to Globe Oil Tools Company, Los Nietos, Calif. Valve for core drills. 2,160,305; May 30.
Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Core drill head. 2,166,462; July 18.
Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Nietos, Calif. Cutters for well drilling tools. 2,168,060; Aug. 1.
Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Rock bit. 2,170,320; Aug. 22.
Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Lubricated cutter mounting. 2,174,102; Sept. 26.
Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Rock bit. 2,177,866; Oct. 31.
Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Well bit. 2,177,867; Oct. 31.
Catland, Alfred C., Alhambra, assignor to Globe Oil Tools Company, Los Nietos, Calif. Well bit construction. 2,182,247; Dec. 5.
Catlin, De Forest B., Wollaston, Mass. Osteopathic apparatus for treatment of the back. 2,159,654; May 23.
Catlin, Willard E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Abrasive. 2,154,436; Apr. 18.
Catlow, James N. (See Bigley, Harold H., assignor.)
Catlow, William R., Jr., and H. F. Wakefield, Bloomfield, N. J., assignors to Bakelite Corporation, New York, N. Y. Drying oil compositions. 2,152,633; Apr. 4.
Cattoi, Louis C., Hurley, Wis., assignor to E. Edelmann & Co., Chicago, Ill. Flaring tool. 2,180,033; Nov. 14.
Catron, Ty, Dallas, Tex., assignor to Shakespeare Company, Kalamazoo, Mich. Hand guard for fishing reels. 2,170,186; Aug. 22.
Catsigianis, John P. (See Rosenbloom, Louis, assignor.)
Catterlin, Oscar C. (See Kautsky, Joseph H., assignor.)

Cattoi, Louis C., Hurley, Wis., assignor to E. Edelmann & Co., Chicago, Ill. Tube flaring tool. 2,169,790; Aug. 15.
Catulle, Gene, Brackenridge, Pa. Backed roll mill. 2,181,173; Nov. 28.
Caudle, Jessie, Fort Worth, Tex. Attachment for sewing machines. 2,183,185; Dec. 12.
Caughey, John M., assignor to Stubnitz-Greene Spring Corporation, Adrian, Mich. Spring cushion. 2,144,102; Jan. 17.
Caughey, Reed J., Schenectady, N. Y., assignor to General Electric Company. Governing system for elastic fluid engines. 2,168,155; Aug. 1.
Caughey, Reed J., Schenectady, N. Y., assignor to General Electric Company. Turbine protective arrangement. 2,175,874; Oct. 10.
Caughey, Reed J., Schenectady, N. Y., assignor to General Electric Company. Turbine protective arrangement. 2,175,875; Oct. 10.
Caugherty, William E. (See Browne, V. B., and Caugherty.)
Caulfield, Merville H., Llanerch, Pa. Suction device. 2,172,575; Sept. 12.
Causey, Daniel W., Norfolk, Va. Adjustable bed rail connector. 2,169,138; Aug. 8.
Cavadino, Conrad G. F., Rochester, assignor to Gyproc Products Limited, London, England. Producing aerated cementitious compositions and articles. 2,167,606; July 25.
Cavalero, John V., Bloomfield, N. J. Plaque. 2,180,195; Nov. 14.
Cavalier Corporation. (See Lane, Joseph H., assignor.)
Cavallaro, Joseph, Atco, N. J. Washing machine attachment. 2,163,191; June 20.
Cavallo, Friedrich, Berlin, Germany. Continuously variable change speed gear. 2,143,120; Jan. 10.
Cavanagh, John, assignor to Hat Corporation of America, Norwalk, Conn. Sweatband marker and fastening clip. 2,153,611; Apr. 11.
Cavanagh, John F., Providence, assignor to Boston Wire Stitcher Company, Warwick, R. I. Fastener applying implement. 2,149,839; Mar. 7.
Cavanagh, John F., Providence, assignor to Boston Wire Stitcher Company, Warwick, R. I. Method and means for adjusting the parts of fastener-applying implements. 2,167,331; July 25.
Cavanagh, John F., Providence, assignor to Boston Wire Stitcher Company, Warwick, R. I. Fastener-applying implement. 2,176,581; Oct. 17.
Cavanagh, John G., assignor to Hat Corporation of America, East Norwalk, Conn. Hat and process for making hats. 2,143,051; Jan. 10.
Cavanagh, William C., Washington, Pa., assignor to Cardox Corporation. Cleaning out slag or cinder pockets of open hearth heating furnaces. 2,151,264; Mar. 21.
Cavanaugh, Doris H., Newton, Mass. Machine-knit fabric. 2,162,837; June 20.
Cavanaugh, Edward J., assignor of one-fifth to F. E. Batton, Brattleboro, Vt. Device for delivering metallic leaf from a package thereof. 2,156,176; Apr. 25.
Cave, Henry, assignor to The Fuller Brush Company, Hartford, Conn. Brush. 2,146,624; Feb. 7.
Cave, Henry, assignor to The Fuller Brush Company, Hartford, Conn. Bathtub fixture. 2,152,429; Mar. 28.
Cave, Herbert G., New York, N. Y. Photograph jewelry. 2,145,071; Jan. 24.
Cavelero, John V., Bloomfield, N. J. Bank plaque. 2,156,081; Apr. 25.
Cavett, Ernest O. and R. O., Milwaukee, Wis. Edible container-making mold. 2,156,145; Apr. 25.
Cavett, Roy O. (See Cavett, Ernest O. and R. O.)
Cavey, Arthur T., Cincinnati, Ohio, assignor to Carthage Mills Incorporated, Carthage, Ohio. Means and method for the manufacture of decorative needled fabrics. 2,158,533; May 16.
Cavin, Harold D., Bellingham, Wash. Conveyer system for presses. 2,159,779; May 23.
Cavins, Paul. (See Dumble, William H., assignor.)
Cavins, Paul, Long Beach, Calif. Oil well bailer and cleaner. 2,166,715; July 18.
Cavins, Paul, Long Beach, Calif. Sand pump. 2,168,729; Aug. 8.
Cavuoti, Frank, Richmond Hill, N. Y. Camera tripod brace. 2,160,538; May 30.
Cavuoti, Frank, assignor of one-half to J. Cavuoti, Richmond Hill, N. Y. Clothesline extension. 2,150,820; Mar. 14.
Cavuoti, Joseph. (See Cavuoti, Frank, assignor.)
Cawein, Madison. (See Lewis, H. M., and Cawein.)
Cawein, Madison, Manhasset, N. Y., assignor to Hazeltine Corporation. Television receiving apparatus. 2,169,831; Aug. 15.
Cawein, Madison, Manhasset, N. Y., assignor to Hazeltine Corporation. Broad band amplifier. 2,174,234; Sept. 26.
Cawein, Madison, Manhasset, N. Y., assignor to Hazeltine Corporation. Transformer for band-pass selectors. 2,174,235; Sept. 26.
Cawein, Madison, Manhasset, N. Y., assignor to Hazeltine Corporation. Cathode-ray tube scanning system. 2,177,688; Oct. 31.
Cawley, Aloysius J., Pittston, Pa. Multiplex scanning system. 2,146,937; Feb. 14.
Cawley, Aloysius J., Pittston, Pa. Fog and mist penetrating device. 2,155,471; Apr. 25.
Cawley, Aloysius J., Pittston, Pa. Scanning apparatus. 2,176,847; Oct. 17.
Cawthorn, James T., et al. (See Johnstone, Bruce D., assignor.)
Cawthra, Ernest H., Menlo Park, N. J., assignor to Phelps Dodge Copper Products Corporation, New York, N. Y. Method of and machine for making crab joints. 2,145,040; Jan. 24.
Caya, Carl, Santa Monica, Calif. Brake shoe equalizing and centering device. 2,176,204; Oct. 17.
Cayo, Martha B., Germantown, assignor to Durite Plastics, Incorporated, Philadelphia, Pa. Desensitizing juices derived from plants of the cashew family. 2,183,957; Dec. 19.
Cayo, Martha B., Germantown, assignor to Durite Plastics, Incorporated, Philadelphia, Pa. Desensitizing juices derived from plants of the cashew family. 2,183,958; Dec. 19.
Cazel, Coral W. (See Eaton, A. L., and Cazel.)
Cazes, Paul G., assignor to Pathé Cinéma Anciens Etablissements Pathé Freres, Paris, France. Cinematographic projection apparatus. 2,151,742; Mar. 28.
Cazes, Paul G., assignor to Pathé Cinéma Anciens Etablissments Pathé Freres, Paris, France. Intermittent film feed. 2,152,624; Apr. 4.
Ceader, Joseph D., Cleveland Heights, Ohio, assignor to General Electric Company. Socket. 2,158,851; May 16.
Ceader, Joseph D., Cleveland Heights, Ohio, assignor to General Electric Company. Electric socket. 2,158,852; May 16.
Cecil, Lloyd F., Shanghai, China. Internal combustion engine. 2,154,322; Apr. 11.
Cecil, William, New York, N. Y. Fruit juice extractor. 2,151,500; Mar. 21.
Cecka, Thomas G., assignor to International Milling Company, Buffalo, N. Y. Sifter. 2,159,549; May 23.
Cedar Rapids Engineering Company. (See Dunn, Allen I., assignor.)
Cederquist, Karl N. (See Bergstrom, H. O. V., and Cederquist.)
Cederquist, Nils H., Los Angeles, Calif. Glass tile. 2,169,720; Aug. 15.
Cederquist, Nils H., Los Angeles, Calif. Adjustable display shelving. 2,169,721; Aug. 15.
Cederstrom, Harold A., assignor to Rosco Manufacturing Company, Minneapolis, Minn. Operating mechanism for vehicle dumping bodies. 2,159,470; May 23.
Cedrone, Nazzareno F. (See Montardo, Agostino C., assignor.)
Celanese Corporation of America. (See Addy, C. W., and Riley, assignors.)
Celanese Corporation of America. (See Balch, R. H., and Campbell, assignors.)
Celanese Corporation of America. (See Bludworth, Joseph E., assignor.)
Celanese Corporation of America. (See Bower, Joshua, assignor.)
Celanese Corporation of America. (See Daly, A. J., and Lowe, assignors.)
Celanese Corporation of America. (See Dickie, W. A., and Sowter, assignors.)
Celanese Corporation of America. (See Dickie, William A., assignor.)
Celanese Corporation of America. (See Dreyfus, C., and Platt, assignors.)
Celanese Corporation of America. (See Dreyfus, C., and Whitehead, assignors.)
Celanese Corporation of America. (See Dreyfus, C., Whitehead, and Platt, assignors.)
Celanese Corporation of America. (See Dreyfus, H., and Dickie, assignors.)
Celanese Corporation of America. (See Dreyfus, H., and Finlayson, assignors.)
Celanese Corporation of America. (See Dreyfus, H. Finlayson, and Perry, assignors.)
Celanese Corporation of America. (See Dreyfus, H., Finlayson, and Stafford, assignors.)
Celanese Corporation of America. (See Dreyfus, H., and Moncrieff, assignors.)
Celanese Corporation of America. (See Dreyfus, H., Moncrieff, and Glass, assignors.)
Celanese Corporation of America. (See Dreyfus, H., Moncrieff, and Hill, assignors.)
Celanese Corporation of America. (See Dreyfus, H., Moncrieff, Menzer, and Eccles, assignors.)
Celanese Corporation of America. (See Ellis, G. H., and Topham, assignors.)
Celanese Corporation of America. (See Ellis, G. H., and Wesson, assignors.)
Celanese Corporation of America. (See Elvin, W. J., and Killoran, assignors.)
Celanese Corporation of America. (See Elvin, William J., assignor.)
Celanese Corporation of America. (See Finlayson, D., and Crawshaw, assignors.)
Celanese Corporation of America. (See Finlayson, D., and Perry, assignors.)
Celanese Corporation of America. (See Finlayson, Donald, assignor.)
Celanese Corporation of America. (See Fulton, S. M., and Kimpton, assignors.)
Celanese Corporation of America. (See Gentle, Alexander H., assignor.)

Celanese Corporation of America. (See Guyler, A. F., Boaler, and Fulton, assignor.)
Celanese Corporation of America. (See Hale, F. C., and Hardy, assignors.)
Celanese Corporation of America. (See Hale, Frank C., assignor.)
Celanese Corporation of America. (See Haney, Clifford I., assignor.)
Celanese Corporation of America. (See Haney, Clifford T., assignor.)
Celanese Corporation of America. (See Jabouley, Joany, assignor.)
Celanese Corporation of America. (See Kimpton, W. H., and Fulton, assignors.)
Celanese Corporation of America. (See Kinsella, E., and Hardy, assignors.)
Celanese Corporation of America. (See Kinsella, E., and Moncrieff, assignors.)
Celanese Corporation of America. (See Kinsella, Edward, assignor.)
Celanese Corporation of America. (See Lord, G., and Reeves, assignors.)
Celanese Corporation of America. (See Mansfield, S. A., and Killoran, assignors.)
Celanese Corporation of America. (See Martin, Herbert E., assignor.)
Celanese Corporation of America. (See Mellor, A., Bingham, and Pool, assignors.)
Celanese Corporation of America. (See Mellor, A., and Mann, assignors.)
Celanese Corporation of America. (See Miller, Brian E. M., assignor.)
Celanese Corporation of America. (See Moncrieff, R. W., and Cooke, assignors.)
Celanese Corporation of America. (See Moncrieff, R. W., and Gooddy, assignors.)
Celanese Corporation of America. (See Moncrieff, R. W., and Hill, assignors.)
Celanese Corporation of America. (See Moncrieff, R. W., and Miller, assignors.)
Celanese Corporation of America. (See Moncrieff, R. W., and North, assignors.)
Celanese Corporation of America. (See Moncrieff, R. W., and Thomas, assignors.)
Celanese Corporation of America. (See Moss, William H., assignor.)
Celanese Corporation of America. (See Oxley, H. F., Thomas, and Downing, assignors.)
Celanese Corporation of America. (See Paffen, Fred W., assignor.)
Celanese Corporation of America. (See Page, R., and Thomas, assignors.)
Celanese Corporation of America. (See Platt, H., and Lyem, assignors.)
Celanese Corporation of America. (See Platt, H., and Snowdon, assignors.)
Celanese Corporation of America. (See Platt, Herbert, assignor.)
Celanese Corporation of America. (See Plunkett, Brian, assignor.)
Celanese Corporation of America. (See Pool, William, assignor.)
Celanese Corporation of America. (See Rooney, J. H., and Hawtin, assignors.)
Celanese Corporation of America. (See Schneider, George, assignor.)
Celanese Corporation of America. (See Schwartz, Aaron, assignor.)
Celanese Corporation of America. (See Seymour, George W., assignor.)
Celanese Corporation of America. (See Sitzler, R. R., and Holt, assignors.)
Celanese Corporation of America. (See Sitzler, Richard R., assignor.)
Celanese Corporation of America. (See Steinberger, Alfred J., assignor.)
Celanese Corporation of America. (See Taylor, W. I., and Gibbins, assignors.)
Celanese Corporation of America. (See Taylor, W. I., and Woodruff, assignors.)
Celanese Corporation of America. (See Taylor, William I., assignor.)
Celanese Corporation of America. (See Whitehead, William, assignor.)
Celanese Corporation of America. (See Wolfe, Kinsey A., assignor.)
Celanese Research Corporation, The. (See Goff, Lionel E., assignor.)
Celastic Corporation, The. (See Howard, Willard, assignor.)
Cella, G., Inc. (See Bianchi, Henry E., assignor.)
Celluloid Corporation. (See Andersen, Bjorn, assignor.)
Celluloid Corporation. (See Andersen B., and Caprio, assignors.)
Celluloid Corporation. (See Bell, William W., assignor.)
Celluloid Corporation. (See Caprio, Amerigo F., assignor.)
Celluloid Corporation. (See Demarest, M., and Flynn, assignors.)
Celluloid Corporation. (See Piperoux, Rene P., assignor.)
Celluloid Corporation. (See Ritchie, Roy S., assignor.)
Celluloid Corporation. (See Schweizer, Ernest, assignor.)
Celluloid Corporation. (See Shuman, Royal L., assignor.)
Celluloid Corporation. (See Smith, Harry E., assignor.)
Cellulose Research Corporation, The. (See Goff, Lionel E., assignor.)
Cellulose Research Corporation, The. (See Olsen, Fredrich, assignor.)
Cellu-Type Plate Co. (See Schultz, Oswald R., assignor.)
Celmer, Vincent. (See Lofgren, H. A., and Celmer.)
Celon Company, The. (See Owens, Howard V., assignor.)
Celotex Corporation, The. (See Sorensen, L. N., and Fitzthum, assignors.)
Cement Gun Company. (See Collier, Bryan C., assignor.)
Cen-Tennial Cotton Gin Co. (See Steinhauer, William L., assignor.)
Centervall, Hugo A., Brooklyn, assignor to Manly Corporation, New York, N. Y. Steering mechanism for road vehicles. 2,143,858; Jan. 17.
Centervall, Hugo A., Brooklyn, assignor to Manly Corporation, New York, N. Y. Control means for power operated devices. 2,143,859; Jan. 17.
Centervall, Hugo A., Brooklyn, assignor to Manly Corporation, New York, N. Y. Rotary pump. 2,159,005; May. 23.
Centerval, Hugo A., Brooklyn, assignor to Manly Corporation, New York, N. Y. Power output control. 2,164,308; July 4.
Centervall, Hugo A., Brooklyn, assignor to Manly Corporation, New York, N. Y. Fluid pressure power system. 2,183,541; Dec. 19.
Central Bag & Burlap Co. (See Rose, Charles, assignor.)
Central Carton Company, The. (See Mahone, Thomas W., assignor.)
Central Commercial Co. (See Firestone, Floyd A., assignor.)
Central Commercial Company. (See Gundlach, Henry R., assignor.)
Central Commercial Company. (See Gundlach, H. R., and Teetor, assignors.)
Central Culvert Company. (See Pepper, Lawrence W., assignor.)
Central Electric Tool Company. (See Alvord, Grove D., assignor.)
Central Metallic Casket Co. (See Larson, Raymond, assignor.)
Central National Bank and Trust Company of Peoria, et al. (See Hartley, Arthur J.)
Central National Bank and Trust Company, The, et al., executors. (See Hartley, Arthur J.)
Central National Bank of Cleveland. (See Coil, Grover C., assignor.)
Central National Bank of Cleveland. (See Ohmer, John F., assignor.)
Central National Bank of Cleveland. (See Wheelbarger, Albert S., assignor.)
Central National Bank of Cleveland. (See Wheelbarger, A. S., and Orth, assignors.)
Central Ohio Conveyor Company, The. (See Smith, Forest G., assignor.)
Central Paper Box Company. (See Lentine, J. H., and Loigman, assignors.)
Central Scientific Company. (See Klopsteg, Paul E., assignor.)
Centrifugal Engineering and Patents Corporation. (See Clarke, Ralph S., assignor.)
Centrifugal Pipe Corporation. (See Wehmeier, H., and Ruff, assignors.)
Century Lighting, Inc. (See Levy, Joseph, assignor.)
Century Oxford Manufacturing Corp. (See Vitolo, Louis, assignor.)
Ceramic Machinery Distributors Limited. (See Shurley, Frederick, and Q. Halford, assignors.)
Ceramic Products Company. (See Phelps, Stuart M., assignor.)
Ceretti, Aldo, Rome Italy, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation, Toledo, Ohio. Production of threads. 2,174,460; Sept. 26.
Cerisano, Francis, New York, N. Y. Hairdressing means. 2,160,471; May 30.
Cermin, Frank, Jr., San Antonio, Tex. Apparatus for locating and raising sunken vessels. 2,173,354; Sept. 19.
Cernak, Paul, Montvale, N. J., assignor to Dexter Folder Company, New York, N. Y. Sheet feeder. 2,160,491; May 30.
Cernak, Paul, Montvale, N. J., assignor to Dexter Folder Company, New York, N. Y. Sheet feeding apparatus. 2,168,559; Aug. 8.
Cernohouz, James B., assignor to R. R. Robertson, Chicago, Ill. Screen focus compensator. 2,170,630; Aug. 22.
Cerny, Joseph A., Cleveland, assignor to W. T. Bentley, Cleveland Heights, Ohio. Thermostatic valve mechanism. 2,161,773; June 6.
Cerqua, Millie, Bronx, assignor to Allen Innovations, New York, N. Y. Double acting slide fastener. 2,177,559; Oct. 24.
Certain-teed Products Corporation. (See Croce, Michele, assignor.)
Certain-Teed Products Corporation. (See Hagopian, Vahan, assignor.)
Certain-Teed Products Corporation. (See MacNutt, Arthur D., assignor.)
Certain-Teed Products Corporation. (See Walton, Alfred B., assignor.)
Ceskoslovenska Zbrojovka, a. s. (See Holek, Vaclav, assignor.)

Chabchay, Alexander F. K., also known as Alexandre Kagon-Chabchay, Paris, France. Radioactive article. 2,148,683; Feb. 28.
Châble, Jeanne A. V. A. (See Galliot, N. J. A., and Châble.)
Chace, Thomas B., assignor to The Dole Valve Company, Chicago, Ill. Circulating cooling system for internal combustion engines. 2,151,082; Mar. 21.
Chace, Thomas B., Winnetka, assignor to Clad Metals Industries Inc., Chicago, Ill. Coating steel strips. 2,156,331; May 2.
Chace, Thomas B., Winnetka, Ill., assignor to Clad Metals Industries, Inc. Method of and means for producing steel clad with stainless steel. 2,169,354; Aug. 15.
Chace, Thomas B., Winnetka, assignor to Clad Metals Industries, Inc., Chicago, Ill. Composite metal stock. 2,173,433; Sept. 19.
Chace, Thomas B., Winnetka, assignor to Clad Metals Industries, Inc., Chicago, Ill. Clad metal and making the same. 2,174,733; Oct. 3.
Chace, Warren O., Medford, Mass. Agitating and mixing mechanism. 2.183,859; Dec. 19.
Chadbourne, Joseph H., Scotland, and C. A. Burdick, Killingly, Conn., assignors to The Danielson Mfg. Company. Loom picking mechanism. 2,182,487; Dec. 5.
Chadeloid Chemical Company. (See Bush, Edward R., assignor.)
Chads, Dudley C. (See Marsh, F. L., and Chads.)
Chadwick, Fletcher, assignor to Preston Tyre Fabric Manufacturing Company Limited, Higher Walton, Preston, England. Tire fabric. 2,151,186; Mar. 21.
Chadwick, George A. (See Schuyler, G. L., Miles, and Chadwick.)
Chadwick, Lee S., Shaker Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Refrigerator tray loosening means. 2,162,244; June 13.
Chadwick, Thomas C. (See Palkin, S., and Chadwick.)
Chafee, Earl W., New York, and H. Murtagh, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Bomb sight. 2,162,698; June 20.
Chafee, Earl W., New York, N. Y., and H. C. Van Auken, Bloomfield, N. J., assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Bomb sight. 2,162,699; June 20.
Chaffee, Carl C., assignor to Continental Oil Company, Ponca City, Okla. Producing hydrocarbons suitable for motor fuel. 2,158,353; May 16.
Chaffee, Edmund L., Arcadia, Calif. Bottling apparatus. 2,175,682; Oct. 10.
Chaffee, Edward F., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Window sash construction. 2,161,996; June 13.
Chaffee, Joseph G., Hackensack, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Method and apparatus for heating dielectric materials. 2,147,689; Feb. 21.
Chaffee, Joseph G., Hackensack, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio repeater. 2,148,532; Feb. 28.
Chaffee, Raymond O., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap Fastener stud. 2,159,363; May 23.
Chaffee, Raymond O., Belmont, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener stud. 2,184,250; Dec. 19.
Chaffin, Paul, assignor of three-fourths to J. H. Hoppes, Washington Court House, Ohio. Traction wheel. 2,171,844; Sept. 5.
Chaffins, Clyde J., Vancouver, Wash. Pick-up and loading machine. 2,153,037; Apr. 4.
Chain Belt Company. (See Ball, Charles F., assignor.)
Chain Belt Company. (See Marshall, William B., assignor.)
Chain Belt Company. (See Shafer, S., Jr., and Seidenstricker, assignors.)
Chain Belt Company. (See Wegner, Arnold A., assignor.)
Chain Belt Company. (See Welser, Brinton, assignor.)
Chain Belt Company. (See Welser, B., and Jewett, assignors.)
Chain Store Products Corporation. (See Hermsdorf, Walter H., assignor.)
Chain Store Root Beer Co. Inc. (See Holderle, Frederick W. and C. L., assignors.)
Chakoian, Martin H. (See Dagavarian, Hagop, assignor.)
Chalfin, Harry, New York, N. Y. Button. 2,164,386; July 4.
Chalk, Oliver A., Pensacola, Fla. Rack for pliers. 2,172,902; Sept. 12.
Challenge Machinery Company, The. (See Barney, Freeman, assignor.)
Challenge Machinery Company, The. (See Barney, F., and Lee, assignors.)
Challenge Machinery Company, The. (See Gylleck, O. T., and Barney, assignors.)
Challenge Machinery Company, The. (See Lee, James E., assignor.)
Challenge Machinery Company, The. (See Lee, J. E., and Barney, assignors.)
Challet, Etienne, Paris, France. Electric heating plate. 2,161,781; June 13.
Challet, Etienne, Paris, France. Electric heating plate. 2,163,457; June 20.
Challet, Etienne, Paris, France, assignor to Entreprises Electriques Fribourgeoises, Fribourg, Switzerland. Electric cooker having a removable complementary unit. 2,147,090; Feb. 14.
Challet, Etienne, Paris, France, assignor of one-fourth to Entreprises Electriques Fribourgeoises, Fribourg, Switzerland. Low power heating element. 2,184,485; Dec. 26.
Challoner, Neville B., Los Angeles, Calif. Truck signal. 2,166,520; July 18.
Challoner, Willis R. (See Moore, E. C., and Challoner.)
Chalmers, John W., Deptford, London, assignor to Molins Machine Company Limited, London, England. Container and package. 2,152,398; Mar. 28.
Chalmers, John W., assignor to Molins Machine Company, Limited Deptford, London, England. Apparatus for feeding cigarettes and other articles of similar shape. 2,159,132; May 23.
Chalmers, John W., Deptford, assignor to Molins Machine Company Limited, London, England. Box. 2,163,828; June 27.
Chalmers, John W., Deptford, London, assignor to Molins Machine Company, Limited, London, England. Wrapping machine. 2,171,172; Aug. 29.
Chalmers, John W., Deptford, London, assignor to Molins Machine Company Limited, London, England. Wrapping machine. 2,179,685; Nov. 14.
Chalmers, Leona W., Philadelphia, Pa. Vaginal seal. 2,176,391; Oct. 17.
Chamberlain, Alan H., Brunswick, Victoria, Australia. Mounting for independently sprung front wheels of automotive vehicles. 2,148,606; Feb. 28.
Chamberlain, Alfred J., Wauwatosa, Wis. Dispensing fitting for containers. 2,143,860; Jan. 17.
Chamberlain, Alfred J., Wauwatosa, Wis. Ring seal closure. 2,174,378; Sept. 26.
Chamberlain Corporation. (See Etten, Nicholas L., assignor.)
Chamberlain, George H., Jr., San Jose, Calif. Universal head for cameras. 2,145,584; Jan. 31.
Chamberlain, John B., assignor of one-half to C. D. Hetrick, Williamsburg, Pa. Fruit and corn drier. 2,148,057; Feb. 21.
Chamberlain, Joseph R., assignor to York Ice Machinery Corporation, York, Pa. Refrigeration system. 2,158,403; May 16.
Chamberlain, Julius P., Homestead, Pa. Portable weighing device. 2,185,073; Dec. 26.
Chamberlain, Leonard C. (See Grebe, J. J., and Chamberlain.)
Chamberlain, Paul A. (See Jepson, I., and Chamberlain.)
Chamberlain, Paul R. (See Tyler, W. E., Chamberlain, and Loveland.)
Chamberlain, Stanley B., assignor to Portals Limited, Whitchurch, Hampshire, England. Paper for security documents and manufacture thereof. 2,143,406; Jan. 10.
Chamberlain, William H., Higham Ferrers, England. Shoe heel counter molding machine. 2,153,235; Apr. 4.
Chamberlin, Clarence P., Pleasant Ridge, assignor to Metal Mouldings Corporation, Detroit, Mich. Metal forming working device. 2,158,400; May 16.
Chamberlin, Clarence P., Pleasant Ridge, and J. H. Toner, Detroit, assignors to Metal Mouldings Corporation, Detroit, Mich. Power bender. 2,156,146; Apr. 25.
Chamberlin, Clarence P., Pleasant Ridge, and J. H. Toner, assignors to Metal Mouldings Corporation, Detroit, Mich. Power bender. 2,158,401; May 16.
Chamberlin, Coleman R., Brooklyn, N. Y. Label and index holder. 2,158,402; May 16.
Chamberlin, Jess D., Detroit, Mich. Steering column bushing. 2,164,497; July 4.
Chamberlin, John W., and R. E. Bassett, Jr., South Bend, Ind., assignors to Bendix Home Appliances, Inc., Detroit, Mich. Cleaning textile and similar materials. 2,165,884; July 11.
Chamberlin Metal Weather Strip Company. (See Julien, L. F., Smith, and Billing, assignors.
Chambers, Alexander, Monessen, assignor to Pittsburgh Steel Company, Pittsburgh, Pa. Apparatus for forming spacing bends in wire fabrics. 2,154,149; Apr. 11.
Chambers, Allison R., New Glasgow, Nova Scotia, Canada. Road construction. 2,183,253; Dec. 12.
Chambers, Cal C., et al. (See Jacobson, James H., assignor.)
Chambers, Cal C., et al., joint tenants. (See Westcott, Clifford H., assignor.)
Chambers, Carl C., Lansdowne, assignor to Brooke Engineering Company, Inc., Philadelphia, Pa. Compensated control system. 2,154,375; Apr. 11.
Chambers Corporation. (See Phares, Thomas E., assignor.)
Chambers, David A., Portland, Oreg. Display apparatus. 2,176,329; Oct. 17.
Chambers, Dudley E., Scotia, N. Y., assignor to General Electric Company. Electric valve circuit. 2,167,498; July 25.
Chambers, Dudley E., Schenectady, N. Y., assignor to General Electric Company. Electric valve control system. 2,174,379; Sept. 26.
Chambers, Edward G., Toledo, Ohio, assignor to The Indemse Corporation. Control apparatus. 2,147,881; Feb. 21.

Chambers, Ivan F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition for printing textile fibers. 2,173,824; Sept. 26.
Chambers, Ivan F., Wilmington, Del., and A. L. Fox, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Textile printing pastes containing penetrating agents and printing therewith. 2,174,486; Sept. 26.
Chambers, John E., Shelbyville, Ind. Stove. 2,149,420; Mar. 7.
Chambers, John E., Shelbyville, Ind. Stove. 2,154,491; Apr. 18.
Chambers, John E., Shelbyville, Ind. Dial. 2,156,490; May 2.
Chambers, John E., Shelbyville, Ind. Gas burner. 2,162,374; June 13.
Chambers, John E., Shelbyville, Ind. Gas range. 2,180,862; Nov. 21.
Chambers, William L., et al. (See Uhri, William C., Jr., assignor.)
Chambers, William L., Ogden, Utah. Convertible camp bed and luggage carrier. 2,170,987; Aug. 29.
Chambless, James D., Bronwood, assignor to C. C. Lowrey, Dawson, Ga. Cane stripper. 2,149,935; Mar. 7.
Chambon Corporation. (See Grupe, William F., assignor.)
Chambon Corporation. (See Wickwire, Arthur M., Jr., assignor.)
Chambon, Henri, assignor to Societe Anonyme des Anciens Etablissements L. Chambon, Paris, France. Manufacture of board strengthened coverings. 2,166,038; July 11.
Champagne, Herbert, et al. (See Lucas, Ralph, assignor.)
Champagne Paper Corporation. (See Jones, Edwin P., assignor.)
Champayne, Roy J., Rockford, Ill. Pneumatic fender tool. 2,179,992; Nov. 14.
Champion Brake Corporation. (See Hyle, Jacob A., assignor.)
Champion Brake Corporation. (See Lindeman, James E., assignor.)
Champion Corporation. (See Knoerzer, Arthur T., assignor.)
Champion Corporation. (See Knoerzer, Otto, assignor.)
Champion Machinery Company. (See Motta, Peter D., assignor.)
Champion, Necols, Orange, N. J. Photograph indentification. 2,184,832; Dec. 26.
Champion Paper and Fibre Company, The. (See Montgomery, W. J., and Boyers, assignors.)
Champion Spark Plug Company. (See Jeffery, Benjamin A., assignor.)
Champion Spark Plug Company. (See Rohde, Otto C., assignor.)
Champlin, Franklin J., Dalton, Mass., assignor to General Electric Company. Control circuit. 2,145,709; Jan. 31.
Chanay, Henry. (See Argant, H., Chanay, and Robatel.)
Chance, A. B., Co. (See Craven, Claud C., assignor.)
Chance, A. B., Company. (See Hollander, William L., assignor.)
Chance, Britton. (See Janeway, Price W., Jr., assignor.)
Chance, Britton, Mantoloking, N. J. Control system. 2,182,717; Dec. 5.
Chance, Britton, Mantoloking, N. J. Steering apparatus. 2,185,074; Dec. 26.
Chance, Thomas M. (See Horrocks, Thomas S.)
Chandler, Austin S., assignor to The Brown Bag Filling Machine Company, Fitchburg, Mass. Index and brake device. 2,166,716; July 18.
Chandler, Austin S., assignor to The Brown Bag Filling Machine Co., Fitchburg, Mass. Bag filling machine. 2,173,409; Sept. 19.
Chandler, Austin S., assignor to The Brown Bag Filling Machine Company, Fitchburg, Mass. Carrier and gripper for bag filling machines. 2,184,178; Dec. 19.
Chandler, Bruce C., Waukegan, Ill., assignor to Pfanstiehl Chemical Company. Welding small tips to bases. 2,167,925; Aug. 1.
Chandler, Edward C., Cleveland, Ohio. Feeding means for washing machines. 2,162,277; June 13.
Chandler, Edward C., Cleveland, Ohio. Feeding means for washing machines. 2,177,243; Oct. 24.
Chandler, Eugene P. (See Carter, W. G., and Chandler.)
Chandler-Evans Corporation. (See Storch, H. A., Dillon, and Caldwell, assignors.)
Chandler, Frank J., assignor to The Perfotex Company, Toledo, Ohio. Machine for intrusively punching. 2,143,507; Jan. 10.
Chandler, Harry G., Lakewood, Ohio. Multiple damper and control. 2,166,623; July 18.
Chandler, Homer P., assignor to The Ohio Brass Company, Mansfield, Ohio. Rail bond. 2,166,655; July 18.
Chandler, Homer P., assignor to The Ohio Brass Company, Mansfield, Ohio. Rail bond. 2,176,245; Oct. 17.
Chandler, M. E. (See Hunt, Scott F., assignor.)
Chandler, Milford G., Flint, Mich. Fuel injector. 2,143,052; Jan. 10.
Chandler, Milford G., Flint, Mich., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Fuel feeding means for internal combustion engines. 2,143,935; Jan. 17.
Chandler, Milford G., Flint, Mich., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Fuel feeding means for internal combustion engines. 2,143,936; Jan. 17.
Chandler, Milford G., Flint, Mich., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Fuel feeding means for internal combustion engines. 2,143,937; Jan. 17.
Chandler, Milford G., Flint, Mich., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Fuel feeding means for internal combustion engines. 2,143,938; Jan. 17.
Chandler, Milton E. (See Hunt, Scott F., assignor.)
Chandler and Price Company, The. (See Jirousek, Joseph F., assignor.)
Chandler & Price Company, The. (See Root, Charles F., assignor.)
Chandler, Robert J. A. (See Crighton, J., and Chandler.)
Chandler, William H. (See Boyce, A. M., Chandler, and Kimball.)
Chandonia, Elmer H., Amelia, assignor to The Lockwood Manufacturing Company, Cincinnati, Ohio. Pan unit. 2,143,728; Jan. 10.
Chandonia, John E., assignor to The Lockwood Manufacturing Company, Cincinnati, Ohio. Hearth pen structure. 2,168,470; Aug. 8.
Chandonnet, Laura M., Haverhill, Mass. Hair waving device. 2,158,570; May 16.
Chaney, John H. and L. P., assignors to The Guiford Folding Box Company, Baltimore, Md. Display and dispensing carton. 2,142,883; Jan. 3.
Chaney, John L. (See Chaney, Lee F. and J. L.)
Chaney, Lee F. and J. L., Springfield, Ohio. Thermometer. 2,144,108; Jan. 17.
Chaney, Leonard P. (See Chaney, John H. and L. P.)
Chaney, Newcomb K., Cleveland Heights, and E. F. Kiefer, Cleveland, Ohio, assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Sealing surface member. 2,157,526; May 9.
Change-A-Blade Corporation. (See Zeidler, William A., assignor.)
Channel Sales Corporation. (See Mainzer, Jack D., assignor.)
Channell, James W., Southgate, Calif., assignor to American Telephone and Telegraph Company. Repairing cable terminal binding posts. 2,173,327; Sept. 19.
Channon, Hiram B., Portsmouth, Va., assignor to Virginia Smelting Company, Portland, Maine. Method and composition for stripping fibrous materials. 2,153,791; Apr. 11.
Chantland, Sherman A. (See Goebel, G., and Chantland.)
Chantry, Allan J., U. S. Navy. Hoisting apparatus. 2,183,542; Dec. 19.
Chapel, Charles A., El Reno, Okla. Necktie form. 2,170,707; Aug. 22.
Chapel, Chauncey C., Peabody, Kans. Shirt collar. 2,178,777; Nov. 7.
Chapel, George L., assignor to American Seating Company, Grand Rapids, Mich. Supporting base. 2,177,170; Oct. 24.
Chapin, Waldo M., et al. (See Palmieri, Cesare, assignor.)
Chaplin Corporation. (See Chaplin, Merle P., assignor.)
Chaplin, Henry P., et al., executor. (See Cone, Frank L.)
Chaplin, Hershel W., assignor of forty percent to R. E. Davis and sixty percent to S. A. Phillips, Morgantown, W. Va. Electrical connector. 2,151,897; Mar. 28.
Chaplin, John H., West Hartford, Conn., assignor, by mesne assignments, to The Wayne Pump Company, Fort Wayne, Ind. Safety locking means for speed variating mechanism of liquid dispensing apparatus. 2,168,439; Aug. 8.
Chaplin, Merle P., South Portland, assignor, by mesne assignments, to The Canal National Bank of Portland, Portland, Maine. Pulp article and manufacture. 2,150,910; Mar. 21.
Chaplin, Merle P., Waterville, assignor, by mesne assignments, to The Canal National Bank of Portland, Portland, Me. Pulp molding machine. 2,163,585; June 27.
Chaplin, Merle P., assignor to Chaplin Corporation, South Portland, Maine. Holding and supporting member. 2,156,583; May 2.
Chaplin, Merle P., assignor to Chaplin Corporation, South Portland, Maine. Apparatus for and method of reshaping a molded pulp article. 2,171,413; Aug. 29.
Chaplin, Merle P., assignor to Chaplin Corporation, South Portland, Maine. Molded pulp article. 2,178,832; Nov. 7.
Chaplin, Merle P., South Portland, and R. L. Emery, Waterville, assignors, by mesne assignments, to The Canal National Bank of Portland, Portland, Maine, as trustee. Package for pies and the like. 2,146,719; Feb. 14.
Chaplin, Stephen. (See Bowden, E., and Chaplin.)
Chaplin, Stephen, East Sheen, London, England, assignor to Protona A. G., Basel, Switzerland. Jointing and effecting repairs to electric cables. 2,142,884; Jan. 3.
Chapman, Arthur W., London, England. Slides, slide locking device, and the like, particularly for seats of vehicles. 2,147,523; Feb. 14.
Chapman, Charles, Clackamas County, Oreg. Stovepipe. 2,161,997; June 13.
Chapman, Charles F. (See Rieck, A. W., Chapman, and Wambach.)
Chapman, Charles W., Peterborough, assignor to F. Perkins Limited, Peterborough, Northamptonshire, England. Internal combustion engine of the compression ignition type. 2,169,381; Aug. 15.

Chapman, Clifford M., assignor of two-thirds to R. R. Wilkinson and one-third to A. Storm, Indianapolis, Ind. Refrigerator defroster. 2,178,336; Oct. 31.
Chapman, Edward C. (See Moses, A. J., and Chapman.)
Chapman, Edward C., Lookout Mountain, Tenn., assignor to Combustion Engineering Company, Inc., New York, N. Y. Welded joint. 2,177,868; Oct. 31.
Chapman, Edward C., Lookout Mountain, and J. F. Randall, Chattanooga, Tenn., assignors to Combustion Engineering Company, Inc., New York, N. Y. Tube with metallic block and attaching latter. 2,149,008; Feb. 28.
Chapman, Everett, Coatesville, Pa. Rolling mill housing. 2,150,911; Mar. 21.
Chapman, Everett, Coatesville, Pa. Engine frame construction. 2,159,006; May 23.
Chapman, Everett, Coatesville, Pa. High-pressure apparatus and making the same. 2,174,550; Oct. 3.
Chapman, Everett, Coatesville, Pa. Sternpost construction. 2,176,888; Oct. 24.
Chapman, Francis B., Los Angeles, Calif. Agitator. 2,161,134; June 6.
Chapman, Frank C., Modesto, Calif. Barrel washing and rinsing machine. 2,158,404; May 16.
Chapman, Frank D., Berlin, Wis. Hydraulic conveyer. 2,159,352; May 23.
Chapman, Frank D., Berlin, Wis. Can feed. 2,175,255; Oct. 10.
Chapman, Fred A., Hillsboro, Wis. Nut lock. 2,177,800; assignor.)
Chapman, Harry J., Detroit, Mich. Aerial. 2,180,398; Nov. 21.
Chapman, Herbert F., Oklahoma City, assignor to Phillips Petroleum Company, Bartlesville, Okla. Apparatus for flowing wells. 2,143,974; Jan. 17.
Chapman, James J., Elizabeth, La. Independently steerable wheel suspension and the straight line mechanism therefor. 2,146,418; Feb. 7.
Chapman, Jesse T., assignor of two-fifths to F. H. Cole, Sikeston, Mo. Container. 2,143,646; Jan. 10.
Chapman, Kenneth J. (See Murrian, J. A., Chapman, and Fulton.)
Chapman, Penrose E., St. Louis, Mo. Despooler. 2,157,847; May 9.
Chapman, Robert S., Phoenix, Ariz., assignor of one-half to W. C. Lipscomb, Dallas, Tex. Leaf holding and feeding mechanism for decorticating apparatus. 2,146,563; Feb. 7.
Chapman, Thomas G., Tucson, Ariz. Cyanidation. 2,147,009; Feb. 14.
Chapman, Thomas J. C., assignor to Industrial Patents Corporation, Chicago, Ill. Carton. 2,148,533; Feb. 28.
Chapman, Thomas J. C., assignor to Industrial Patents Corporation, Chicago, Ill. Pasting device. 2,176,122; Oct. 17.
Chapman Valve Manufacturing Company. (See Goldberg, David D., assignor.)
Chapman, Verni J., Schenectady, N. Y., assignor to General Electric Company. Arc welding. 2,184,335; Dec. 26.
Chapman, Wilfred H., Stechford, Birmingham, England, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Supporting surface for mattresses, cushions, and the like. 2,159,520; May 23.
Chapman, Ralph W., assignor to T. M. Chapman's Sons Company, Old Town, Maine. Portable melting ladle. 2,155,930; Apr. 25.
Chapman Valve Manufacturing Company. (See Goldberg, D. D., and Kligman, assignors.)
Chapman Valve Mfg. Co. (See Malcolm, Vincent T., assignor.)
Chapman Valve Manufacturing Company. (See Goldberg, David D., assignor.)
Chapman's, T. M., Sons Company. (See Chapman, Ralph W., assignor.)
Chappell, Bert C., Kansas City, Mo. Animal trap. 2,170,470; Aug. 22.
Chappell, Martin L., Los Angeles, Calif. Miniature airplane wheel. 2,165,536; July 11.
Chappell, Ralph R., Richmond, Va., assignor to Bendix Aviation Corporation, South Bend, Ind. Sensitive control device. 2,162,296; June 13.
Chappell, Ralph R., Richmond, Va., and R. B. Colt, Baltimore, Md., assignors to Bendix Aviation Corporation, South Bend, Ind. Recorder. 2,148,188; Feb. 21.
Chappell, Ralph R., Richmond, Va., and R. B. Colt, Baltimore, Md., assignors to Bendix Aviation Corporation, South Bend, Ind. Totalizing and recording apparatus. 2,150,489; Mar. 14.
Chappell, Ralph R., Richmond, Va., and K. E. Whitney, Baltimore, Md., assignors to Bendix Aviation Corporation, South Bend, Ind. Hand aspirating psychrometer. 2,159,133; May 23.
Chappell, Ralph R., Richmond, Va., and R. B. Colt, and R. J. Streb, Baltimore, Md., assignors to Bendix Aviation Corporation, South Bend, Ind. Shaft speed indicator. 2,159,424; May 23.
Chappell, Ralph R., Richmond, Va., and R. B. Colt, Baltimore, Md., assignors to Bendix Aviation Corporation, South Bend, Ind. Recording paper locking device. 2,167,417; July 25.
Chappell, Robert L., El Campo, Tex. Well flow and test tool. 2,161,135; June 6.
Chaput, Elmer J., Detroit, Mich. Dental and medical hypodermic syringe. 2,147,616; Feb. 14.

Charak, Estey P., Newton Center, assignor to Charak Furniture Company, Boston, Mass. Extension table. 2,181,262; Nov. 28.
Charak Furniture Company. (See Charak, Estey P., assignor.)
Charavay, Frederick, assignor of one-half to Hartzell Industries, Inc., Piqua, Ohio. Ventilating fan. 2,157,999; May 9.
Charch, William H., Buffalo, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproof material. 2,147,628; Feb. 21.
Charch, William H., Buffalo, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Coated material and producing same. 2,147,629; Feb. 21.
Charch, William H., and D. E. Bateman, Buffalo, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Composite article and producing same. 2,159,007; May 23.
Charis Corporation. (See Leonard, Joseph, assignor).
Charles, Arthur. (See Smith, E. W., Charles, and Gaskin.)
Charles, Carl L., Winnetka, Ill., assignor to Gas Tool Patents Corporation. Spark timer for hammers. 2,163,336; June 20.
Charles, Carl L., Winnetka, Ill., assignor to Gas Tool Patents Corporation. Control system for hammers. 2,175,740; Oct. 10.
Charles, Carl L., Winnetka, Ill., assignor to Gas Tool Patents Corporation. Timer for internal combustion hammers. 2,175,741; Oct. 10.
Charles, Carl L., Winnetka, Ill., assignor to Gas Tool Patents Corporation. Internal combustion hammer. 2,180,034; Nov. 14.
Charles, John P., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Intake manifold. 2,175,428; Oct. 10.
Charles, Roland W., J. George, and P. A. Spilios, South Boston, Mass. Automatic folding machine. 2,158,896; May 16.
Charland, Harry J., Lansing, Mich. Pipe bracket. 2,152,871; Apr. 4.
Charlop, Elliott, and N. G. Horwitt, New York, N. Y. Hammock tent and support therefor. 2,153,547; Apr. 11.
Charlton, Edgar A., assignor to International Paper Company, New York, N. Y. Process and apparatus for the manufacture of paper. 2,168,560; Aug. 8.
Charlton, Ernest E., and W. F. Westendorp, Schenectady, N. Y., assignors to General Electric Company. X-ray apparatus. 2,144,524; Jan. 17.
Charlton, George, Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Ferrous alloy. 2,175,683; Oct. 10.
Charlton, George, Battle Creek, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Valve structure and method of forming. 2,183,254; Dec. 12.
Charlton, Henry E. (See Moore, H., and Charlton.)
Charman, Walter M., Shaker Heights, Cleveland, Ohio. Hot top for big-end-down ingot molds. 2,147,147; Feb. 14.
Charmoy, Harry. (See Wertzheiser, J., and Charmoy.)
Charmoy, Harry, Long Island City, N. Y., assignor to Hatfield Wire & Cable Co., Hillside, N. J. Electric cable. 2,147,337; Feb. 14.
Charms Company. (See Krout, Ray W., assignor.)
Charnley, Walter J., Omaha, Nebr. Grain puffing machine. 2,148,728; Feb. 28.
Charping, Paul M., High Point, N. C. Electric lighting system. 2,172,903; Sept. 12.
Charrier, George M., Oaklyn, N. J., assignor to Radio Corporation of America. Loop antenna. 2,147,148; Feb. 14.
Charrier, George M., Oaklyn, N. J., assignor to Radio Corporation of America. Oscillation generating and modulating device. 2,161,406; June 6.
Charroin, Frank B., Coronado, Calif. Anti-back-siphon flushing apparatus. 2,170,321; Aug. 22.
Charter, James A., Chicago, Ill. Fluid control mechanism. 2,165,696; July 11.
Charters, James J., Washington, D. C. Electrical therapeutic and amusement apparatus. 2,144,617; Jan. 24.
Chartier, Curtis C., Chicago, Ill. Universal tool sharpening and work holder. 2,152,729; Apr. 4.
Chase Bag Company, The. (See Scott, Douglas E., assignor.)
Chase Brass & Copper Co. (See Crampton, D. K., and Thulin, assignors.)
Chase Brass & Copper Co. (See Gazey, William J., assignor.)
Chase Brass & Copper Co. (See Killmeyer, Chester A., assignor.)
Chase Brass & Copper Co. (See Recker, Adolph C., assignor.)
Chase Brass & Copper Co. (See Shoemaker, Richard W., assignor.)
Chase Brass & Copper Co. Incorporated. (See Bass, Russell B., assignor.)
Chase Brass & Copper Co. Incorporated. (See Cartwright, Eugene M., assignor.)
Chase Brass & Copper Co. Incorporated. (See Crampton, Donald K., assignor.)
Chase Brass & Copper Co. Incorporated. (See Crampton, D. K., and Burghoff, assignors.)

Chase Brass & Copper Co. Incorporated. (See Daniels, Harold C., assignor.)
Chase Brass & Copper Co. Incorporated. (See Dempsey, M. J., and Reher, assignors.)
Chase Brass & Copper Co. Incorporated. (See Hornbecker, George A., assignor.)
Chase Brass & Copper Co. Incorporated. (See Mitchell, August, assignor.)
Chase Brass & Copper Co., Incorporated. (See Reichenbach, Howard F., assignor.)
Chase Brass & Copper Co. Incorporated. (See Shoemaker, Richard W., assignor.)
Chase Brass & Copper Co. Incorporated. (See Shoemaker, R. W., and Daniels, assignors.)
Chase Brass & Copper Co. Incorporated. (See Thulin, Clarence, assignor.)
Chase Brass & Copper Co. Incorporated. (See Trumpbour, Harold F., assignor.)
Chase, Clyde H., assignor of one-half to A. David, Detroit, Mich. Therapeutic agent. 2,143,475; Jan. 10.
Chase Companies, The. (See Coe, John S., assignor.)
Chase, Curtis D. (See Trueman, P. T., and Chase.)
Chase, David G., Adel, Iowa. Rotary snow plow. 2,179,713; Nov. 14.
Chase, Ernest S. (See Berch, S. H., Ray, and Chase.)
Chase, George C., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 2,150,578; Mar. 14.
Chase, George C., South Orange, assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 2,176,205; Oct. 17.
Chase, Hamilton C. (See Bessac, Henri B., assignor.)
Chase, Herbert, and H. W. Waldorf, New York, N. Y.; said Waldorf assignor to said Chase. Display device. 2,169,679; Aug. 15.
Chase, Ora B., executrix. (See Chase, Reyburn T.)
Chase, Porter. (See Eden, J. A., and Chase.)
Chase, Reyburn T., deceased, Barrington, N. J.; O. B. Chase, executrix. Can opener. 2,176,206; Oct. 17.
Chase-Shawmut Company. (See Taylor, Elmer H., assignor.)
Chase-Shawmut Company, The. (See Wood, Morris B., assignor.)
Chase, Theron P., assignor to General Motors Corporation, Detroit, Mich. Automotive brake. 2,146,009; Feb. 7.
Chase, Theron P., assignor to General Motors Corporation, Detroit, Mich. Brake. 2,146,010; Feb. 7.
Chase, Theron P., assignor to General Motors Corporation, Detroit, Mich. Hydraulic brake. 2,153,076; Apr. 4.
Chase, Theron P., assignor to General Motors Corporation, Detroit, Mich. Brake booster. 2,173,647; Sept. 19.
Chason, Daniel H., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Belt punch. 2,145,210; Jan. 24.
Chason, Daniel H., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Work table. 2,157,648; May 9.
Chason, Daniel H., Elizabeth, and F. A. Park, Jr., Westfield, assignors to The Singer Manufacturing Company, Elizabeth, N. J. All-metal power table for sewing machines. 2,183,366; Dec. 12.
Chaskin, Harold, New York, N. Y. Key actuated sound producing mechanism. 2,174,031; Sept. 26.
Chaslyn Company, The. (See Linebarger, Charles E., assignor.)
Chassaing, François, Alfortville, France. Constitution and manufacture of stuffing and padding pieces for garments or the like. 2,172,499; Sept. 12.
Chatelain, John B. (See Cain, G. A., and Chatelain.)
Chatham, Clyde L., Nutley, N. J. Electric cable. 2,163,235; June 20.
Chatham, Clyde L., Nutley, N. J., assignor to Line Material Company, South Milwaukee, Wis. Dead-end cable gripping device. 2,181,392; Nov. 28.
Chatillon, John & Sons. (See Wasson, R. B., and de Forest, assignors.)
Chauvin, André, Paris, France. Filing system. 2,174,201; Sept. 26.
Chavannes, Marc Alfred. (See Schwartz, F. F., and Chavannes.)
Chavicourt, A. L. (See Harrison, Ted, assignor.)
Chayne, Charles A., Flint, assignor to General Motors Corporation, Detroit, Mich. Spring suspension. 2,159,203; May. 23.
Chayne, Charles A., Flint, assignor to General Motors Corporation, Detroit, Mich. Remote control for transmissions. 2,170,794; Aug. 29.
Chayne, Charles A., Flint, assignor to General Motors Corporation, Detroit, Mich. Steering linkage. 2,175,429; Oct. 10.
Chayne, Charles A., Flint, assignor to General Motors Corporation, Detroit, Mich. Spring suspension 2,182,248; Dec. 5.
Chayne, Charles A., Flint, assignor to General Motors Corporation, Detroit, Mich. Spring suspension. 2,182,249; Dec. 5.
Cheatham Electric Switching Device Co. et al. (See Richterkessing, Frank H., assignor.)
Cheatham, Robert V., Jr., St. Matthews, Ky. Game apparatus. 2,152,872; Apr. 4.
Checker Cab Manufacturing Corporation. (See Tuttle, John H., assignor.)
Checkmaster Plan, Inc. (See Efron, Alexander, assignor.)
Checkos, Theodore, Los Angeles, Calif. Combined license plate holder and illuminator. 2,180,754; Nov. 21.
Chedic, Walter C., Oakland, Calif. Binder composition. 2,162,059; June 13.
Cheek, William T., Springfield, Mo. Vapor condenser. 2,165,746; July 11.
Cheesman, Richard D., assignor to Traylor Engineering and Manufacturing Company, Allentown, Pa. Air control for kiln-cooler assemblies. 2,160,956; June 6.
Cheesman, Richard D., assignor to Traylor Engineering and Manufacturing Company, Allentown, Pa. Rotary kiln. 2,165,128; July 4.
Cheetham, Harold C., Philadelphia, Pa., and W. L. Evers, Woodbury, N. J., assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Preparation of pale colored alkyd resins. 2,153,511; Apr. 4.
Cheetham, Harold C., Philadelphia, Pa., and W. L. Evers, Woodbury, N. J., assignors to The Resinous Products & Chemical Company, Philadelphia, Pa. Preparation of pale paint, varnish, and enamel vehicles. 2,153,512; Apr. 4.
Chef Master Corporation, The. (See Hutchens, H. G., and Crosier, assignors.)
Chelius, Reinhard, Essen-Margarethenhohe, Germany, assignor to General Electric Company. Sintered hard alloy for machining hard castings. 2,166,795; July 18.
Chemical Construction Corporation. (See Barnes, Blakeslee, assignor.)
Chemical Construction Corporation. (See Bartholomew, Frank J., assignor.)
Chemical Construction Corporation. (See Gilchrist, P. S., and Rumple, assignors.)
Chemical Construction Corporation. (See Oliver, Thomas C., assignor.)
Chemical Construction Corporation. (See Smith, R. P., and Belding, assignor.)
Chemical Foundation, Incorporated, The. (See Christensen, Leo M., assignor.)
Chemical Foundation, Incorporated, The. (See Gordon, N. E., and Pitzer, assignors.)
Chemical Foundation, Incorporated, The. (See Hixson, A. W., and Miller, assignors.)
Chemical Foundation, Inc. (See Kaye, A. L., Williams, and Wulff, assignors.)
Chemical Foundation, Incorporated, The. (See Uhlig, Herbert H., assignor.)
Chemical Foundation, Incorporated, The. (See Wulff, John C., assignor.)
Chemical Foundation, Incorporated, The. (See Wulff, J. C., and Uhlig, assignors.)
Chemical Process Company. (See Dole, R. A., and McBain, assignor.)
Chemical Products Company of New Jersey, Inc. (See Elderkin, J. K., and Hofman, assignors.)
Chemical Works formerly Sandoz. (See Finkelsztejn, Marja, assignor.)
Chemical Works formerly Sandoz. (See Kartaschoff, Valentin, assignor.)
Chemical Works formerly Sandoz. (See Kartaschoff, V., and Link, assignors.)
Chemical Works formerly Sandoz. (See Lier, Heinrich, assignor.)
Chemical Works formerly Sandoz. (See Stoll, A., and Renz, assignors.)
Chemical Works, formerly Sandoz. (See Wehrli, Walter, assignor.)
Chemipulp Process Inc. (See Merrill, Albert D., assignor.)
Chemipulp Process Inc. (See Merrill, A. D. and Dunbar, assignors.)
Chemische Fabrik Coswig-Anhalt G. m. b. H. (See Schwabe, Kurt, assignor.)
Chemische Fabrik Grunau, Landshoff & Meyer Akt. Ges. (See Nassau, Max, assignor.)
Chemische Fabrik Grünau, Landshoff & Meyer A. G. (See Sommer, F., and Nassau, assignors.)
Chemische Fabrik Grünau, Landshoff & Meyer A. G. (See Wiegand, Georg, assignor.)
Chemische Fabrik Johann Wulfing. (See Sturm, E., and Fleischmann, assignors.)
Chemische Fabrik R. Baumheier Kommanditgesellschaft. (See Kern, Rudolf, assignor.)
Chemische Fabrik von Heyden A. G. (See Räth, Curt, assignor.)
Chemische Fabrik von Heyden, A. G. (See Rittler W., and Gundel, assignors.)
Chemische Forschungsgesellschaft, m. b. H. (See Herrmann, Willy O., assignor.)
Chemische Forschungsgesellschaft m. b. H. (See Herrmann, W. O., Baum, and Haehnel, assignors.)
Chemische Forschungsgesellschaft, m. b. H. (See Herrmann, W. O., Deutsch, and von Zychlinski, assignors.)
Chemische Forschungsgesellschaft m. b. H. (See Herrmann, W. O., and von Putzer-Reybegg, assignors.)
Chemtex Limited. (See Harry, F. C. E., and York, assignors.)
Chenault, William B. (See Miller, A. E., and Chenault.)
Chenette, Joseph C., Flat Rock, Mich. Carrying iron. 2,178,738; Nov. 7.
Cheney, Allan, Melrose, Mass., assignor to The Cheney Company. Waterproof building material. 2,143,220; Jan. 10.
Cheney Brothers. (See Cheney, F. D., and Learned, assignors.)

Cheney, Charles W., Soho, Birmingham, England. Fastening for attaché and suit cases and the like. 2,163,774; June 27.
Cheney, Charles W., Soho, Birmingham, England. Extensible hasp and hinge fittings for attaché and suit cases and the like. 2,181,723; Nov. 28.
Cheney Company, The. (See Cheney, Allan, assignor.)
Cheney, Frank D., New York, N. Y., and J. Learned, assignors to Cheney Brothers, Manchester, Conn. Decoration of textile materials. 2,160,827; June 6.
Cheney, Frank D., and J. Learned, assignors to Cheney Brothers, Manchester, Conn. Decorated textile fabric. 2,160,828; June 6.
Cheney, Henry L., et al. (See Pride, Jason N., assignor.)
Cheney, Ralph G., Belle, W. Va. Key holder. 2,173,008; Sept. 12.
Cheney Weeder Company. (See Edgington, Aaron D., assignor.)
Cheney Weeder Company. (See Van Patten, Louis C., assignor.)
Chenicek, Albert G. (See Muskat, I. E., and Chenicek.)
Chenicek, Joseph A., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of motor fuel. 2,163,269; June 20.
Chercass, William, Palmerton, Pa. Belt reversing device. 2,182,424; Dec. 5.
Chereton, Hannah C. (See Schimkus, Kurt E., assignor.)
Chereton, Hannah C. (See Schimkus, K. E., and Dumke, assignors.)
Cherry, Andrew J., and A. J. Jaskowiak, assignor to Economy Screw Corporation, Chicago, Ill. Screw making machine. 2,174,968; Oct. 3.
Cherry-Burrell Corporation. (See Adams, Harry B., assignor.)
Cherry-Burrell Corporation. (See Burrell, L., and Mines, assignors.)
Cherry-Burrell Corporation. (See Dalzell, C. B., and Neely, assignors.)
Cherry-Burrell Corp. (See Feldmeier, Harvey, assignor.)
Cherry-Burrell Corporation. (See Lippold, Adolph J., assignor.)
Cherry-Burrell Corporation. (See Rodgers, Frederick, assignor.)
Cherry, Carl W., Carmel, Calif. Method and device for auxiliary transmission for telephone receivers. 2,160,829; June 6.
Cherry, Carl W., Carmel, Calif. Rivet and applying the same. 2,183,543; Dec. 19.
Cherry, Thomas E., Cambridge, Mass. Scraping device. 2,161,335; June 6.
Chervenka, George R. (See Albach, F., and Chervenka.)
Cherymisin, John, Alta Loma, Calif. Holding rack for wrappers. 2,147,964; Feb. 21.
Chesler, Gustave E. (See Stolar, M. H., and Chesler.)
Chesler, Isidor, Oceanport, N. J., assignor to Eagle Pencil Company. Pencil eraser tip. 2,148,684; Feb. 28.
Chesler, Isidor, West Orange, N. J., assignor to Eagle Pencil Company. Mechanical lead pencil. 2,172,696; Sept. 12.
Chesley, Walter R. (See Lasher, L. L., Chesley and Parks.)
Chesley, Walter R., Somerville, Mass., assignor, by mesne assignments, to F. L. Jacobs Company, Detroit, Mich. Machine for and method of forming a spring casing. 2,153,861; Apr. 11.
Chesley, Walter R., Somerville, Mass., assignor, by mesne assignments, to F. L. Jacobs Company, Detroit, Mich. Machine for feeding and shearing strip material. 2,183,159; Dec. 12.
Chesney, Jacques W. D., Algonquin, assignor to New Discoveries, Incorporated, Chicago, Ill. System for cleaning, sterilizing, and conditioning air. 2,150,263; Mar. 14.
Chesney, Jacques W. D., assignor to New Discoveries, Inc., Chicago, Ill. Vitaminizing malted liquors. 2,175,340; Oct. 10.
Chesnut, Roy W., Upper Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gain control circuits. 2,143,407; Jan. 10.
Chester, Alden P., assignor to Globe American Corporation, Kokomo, Ind. Oven control. 2,160,125; May 30.
Chester, Allan E., Shaker Heights, assignor to Ferro Enamel Corporation, Cleveland, Ohio. Materials for and treating metallic articles. 2,145,827; Jan. 31.
Chester, Edwin T., et al. (See Foster, James D., assignor.)
Chester, Frank R., Seattle, Wash. Game apparatus. 2,180,329; Nov. 14.
Chesterton, A. W., Co. (See Wentzell, Arthur F., assignor.)
Chestnut, Roy W., Upper Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gain control circuits. 2,154,062; Apr. 11.
Cheswright, Leonard K. (See McCarroll, J., and Cheswright.)
Chevigny, Georges P. (See Rabuteau, G., and Chevigny.)
Chew, William, Carterton, New Zealand. Stepladder, trestle, and the like. 2,184,486; Dec. 26.
Chibnik, Harry, Sioux Falls, S. Dak. Plow. 2,154,973; Apr. 18.
Chicago Bridge & Iron Company. (See Bailey, Otterbein A., assignor.)
Chicago Bridge & Iron Company. (See Brooks, H., and Davis, assignors.)
Chicago Bridge & Iron Company. (See Hines, Clarence W., assignor.)
Chicago Bridge & Iron Company et al. (See Wiggins, J. H., and Larson, assignors.)
Chicago Cardboard Company. (See Ziemmerman, Henry, assignor.)
Chicago Carton Company. (See Hasbrook, John V. A., assignor.)
Chicago Coin Machine Mfg. Co. (See Koci, Jerry C., assignor.)
Chicago Development Company. (See Davis, Charles W., assignor.)
Chicago Electric Manufacturing Company. (See Gough, James J., assignor.)
Chicago Electric Manufacturing Company. (See Preston, Edward S., assignor.)
Chicago Electric Manufacturing Company. (See Renga, Fernando L., assignor.)
Chicago Electric Manufacturing Company. (See Rodwick, Frank P., assignor.)
Chicago Faucet Company, The. (See Steen, Harry S., assignor.)
Chicago Flexible Shaft Company. (See Bartlett, Edwin S., assignor.)
Chicago Flexible Shaft Company. (See Jeppsson, Ivar, assignor.)
Chicago Flexible Shaft Company. (See Jepson, I., and Chamberlain, assignors.)
Chicago Flexible Shaft Company. (See Kessel, Johannes B., assignor.)
Chicago Flexible Shaft Company. (See Musolf, Paul J., assignor.)
Chicago Forging & Manufacturing Co. (See Hynes, Dibrell P., assignor.)
Chicago Forging & Manufacturing Company. (See Peterson, Arthur E., assignor.)
Chicago-Hutchins Corporation. (See Comee, J. F., and Stone, assignors.)
Chicago Metal Hose Corporation. (See Fentress, James, assignor.)
Chicago Metal Hose Corporation. (See Fentress, J., and Dreyer, assignors.)
Chicago Metal Hose Corporation. (See Johnson, Axel F., assignor.)
Chicago Metal Mfg. Co. (See Hauf, George F., assignor.)
Chicago Metallic Manufacturing Company. (See Langel, Adrien L., assignor.)
Chicago Mill and Lumber Company. (See Byers, Ralph J., assignor.)
Chicago Mill and Lumber Company. (See Schaack, Frank A., assignor.)
Chicago Motor Coach Company. (See Hartrick, Charles E.)
Chicago Pneumatic Tool Company. (See Lear, Earl B., assignor.)
Chicago Pneumatic Tool Company. (See O'Farrell, Matthew, assignor.)
Chicago Pneumatic Tool Company. (See Olson, J. E., and Amtsberg, assignors.)
Chicago Pneumatic Tool Company. (See Reed, Clarence E., assignor.)
Chicago Pneumatic Tool Company. (See Stevens, Edward W., assignor.)
Chicago Railway Equipment Company. (See Busse, Edwin G., assignor.)
Chicago Railway Equipment Company. (See Fine, William H., assignor.)
Chicago Railway Equipment Company. (See Le Beau, Ernest A., assignor.)
Chicago Railway Equipment Company. (See Light, David M., assignor.)
Chicago Railway Equipment Company. (See Osner, C. W., and Ekholm, assignors.)
Chicago Retort and Fire Brick Company. (See Tanner, Henry, assignor.)
Chicago Telephone Supply Company. (See Arisman, Mervin B., assignor.)
Chicago Telephone Supply Company. (See Draving, A. M., and Ingham, assignors.)
Chicago Telephone Supply Company. (See Haselwood, Willis E., assignor.)
Chicago Telephone Supply Co. (See Schellenger, Newton C., assignor.)
Chicago Television & Research Laboratories, Inc. (See McCreary, Harold J., assignor.)
Chicago Transformer Corporation. (See Helgason, A., and Keegan, assignors.)
Chicago Upholsterers Supply Company. (See Taylor, George E., assignor.)
Chick, Gilbert H. (See Bell, William L., assignor.)
Chickering, Louis, Cincinnati, Ohio. Ornamental ring. 2,181,507; Nov. 28.
Chicoine, Louis P., and E. Sauvé, Vaudreuil, Quebec, Canda. Shifting carriage for rails and the like. 2,182,057; Dec. 5.
Chief Manufacturing Co. (See Baase, Henry C. and F. J., assignors.)
Chieffo, Ralph, West Haven, and A. Rossomando, New Haven, Conn. Waist construction for trousers. 2,159,353; May 23.
Chievitz, William J., assignor to The Timken Roller Bearing Company, Canton, Ohio. Mounting for pinion shafts. 2,149,009; Feb. 28.

Chievitz, William J., assignor to The Timken Roller Bearing Company, Canton, Ohio. Oil seal. 2,153,499; Apr. 4.
Chiksan Oil Tool Company. (See Love, Dean, assignor.)
Chikson Oil Tool Company. (See Ellingsen, Frank, assignor.)
Chilcote Company, The. (See Chilcote, Lee A., assignor.)
Chilcote, Lee A., Gates Mills, assignor to The Chilcote Company, Cleveland, Ohio. Mount for photographic prints or the like. 2,182,515; Dec. 5.
Chilcote, Lee A., Gates Mills, assignor to The Chilcote Company, Cleveland, Ohio. Picture mount. 2,172,273; Sept. 5.
Childers, Robert A. (See Birch, N. L., and Childers.)
Childers, Simeon C., Indianapolis, Ind. Test terminal. 2,145,041; Jan. 24.
Childress, Patrick B. (See Hooe, Harry M., assignor.)
Childs, Elmer N., Perry, Iowa. Apparatus for shaping plowshares. 2,147,882; Feb. 21.
Childs, Kenneth L., New Haven, Conn. Frying apparatus. 2,176,869; Oct. 24.
Childs, Margie K., Jacksonville, Tex. Brassière. 2,152,910; Apr. 4.
Chiles, George S., Chicago, Ill. Skate. 2,165,996; July 11.
Chilo, Paul, Chicago, Ill. Lamp shade mounting means. 2,164,901; July 4.
Chilowsky, Constantin, Paris, France. Apparatus for translating variations of illumination into mechanical actions. 2,150,050; Mar. 7.
Chilowsky, Constantin, Paris, France. Photoresponsive apparatus. 2,150,051; Mar. 7.
Chilowsky, Constantin, Paris, France. Photoresponsive apparatus. 2,150,052; Mar. 7.
Chilowsky, Constantin, Paris, France. Mercury contactor. 2,150,053; Mar. 7.
Chilowsky, Constantin, Paris, France. Photosensitive gas apparatus. 2,153,456; Apr. 4.
Chilton, Allan. (See Chilton, Roland and A.)
Chilton, Allan, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Radial engine connecting rod. 2,146,527; Feb. 7.
Chilton, Allan, Glen Rock, N. J., assignor to Wright Aeronautical Corporation. Reduction gear. 2,150,540; Mar. 14.
Chilton, Allan, Glen Rock, C. C. De Pew, Bloomfield, and R. Chilton, Ridgewood, assignors, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Multiple engine power plant. 2,165,453; July 11.
Chilton, Forrest S., Pompton Plains, N. J. Apparatus for dehydrating food products. 2,172,059; Sept. 5.
Chilton, Henry J., assignor to The Liquid Carbonic Corporation, Chicago, Ill. Beverage mixer. 2,174,256; Sept. 26.
Chilton, Lawrence W., Indianapolis, Ind. Automobile transmission. 2,147,524; Feb. 14.
Chilton, Roland. (See Chilton, A., De Pew and Chilton.)
Chilton, Roland, Ridgewood, N. J. Assisting take-off. 2,145,685; Jan. 31.
Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Reduction gear. 2,144,607; Jan. 24.
Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Rotary valve. 2,146,528; Feb. 7.
Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Magneto mount. 2,146,529; Feb. 7.
Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Spherically formed connecting rod end and bearing. 2,146,530; Feb. 7.
Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Rotary valve. 2,150,541; Mar. 14.
Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Rocking dynamic damper with floating pin support. 2,154,063; Apr. 11.
Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Rocker arm bearing. 2,158,272; May 16.
Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Controllable cowling. 2,158,273; May 16.
Chilton, Roland, Keyport, N. J., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Engine starter. 2,163,829; June 27.
Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Reduction gear. 2,165,462; July 11.
Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Dynamic torque balancer. 2,165,463; July 11.
Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Dynamic damper having single support and cam stabilizers. 2,169,222; Aug. 15.
Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Centrifugal breather. 2,172,729; Sept. 12.
Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. One-way clutch. 2,175,876; Oct. 10.
Chilton, Roland, Ridgewood, N. J., assignor to Wright Aeronautical Corporation. Hydraulic plunger seal. 2,178,953; Nov. 7.
Chilton, Roland and A., Ridgewood, assignors, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Planetary reduction gear. 2,179,072; Nov. 7.
Chilton, Roland, Ridgewood, N. J. Control wheel. 2,182,658; Dec. 5.
Chilton, Roland, Ridgewood, assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Rocking dynamic damper. 2,184,734; Dec. 26.
Chinoin Gyogyszer És Vegyészeti Termékek Gyára R. T. (Dr. Kereszty and Dr. Wolf.) (See Földi, Zoltán, assignor.)
Chinoin Gyogyszer És Vegyészeti Termékek Gyara R. T. (Dr. Kereszty and Dr. Wolf). (See Weisz, Rezsö, assignor.)
Chiomes, Nick, et al. (See Spartalis, Michael P., assignor.)
Chipley, Alfred S., Chicago, and R. L. Leadbetter, Wheaton, assignors, by mesne assignments, to Burgess Battery Company, Chicago, Ill. Static pressure measuring device. 2,182,280; Dec. 5.
Chipman Chemical Company. (See Chipman, R. N., and Seibert, assignors.)
Chipman, John B., Webster Groves, Mo. Lumber piling rack. 2,181,356; Nov. 28.
Chipman, John B., Webster Groves, Mo. Piling lumber. 2,181,357; Nov. 28.
Chipman, Ralph N., Plainfield, and F. J. Seibert, Bound Brook, assignors to Chipman Chemical Company, Inc., Bound Brook, N. J. Parasiticidal compound and producing the same. 2,164,568; July 4.
Chiraello, Peter, Attica, N. Y. Combined brush and comb. 2,185,050; Dec. 26.
Chireix, Henri, Paris, France, assignor to Compagnie Generale de Telegraphie Sans Fil. Demodulating means. 2,153,612; Apr. 11.
Chireix, Henri, Paris, France, assignor to Compagnie Generale de Telegraphic sans Fil. Aircraft blind landing system. 2,170,852; Aug. 29.
Chirelstein, Nathan, Chicago, Ill. Electric plug. 2,159,938; May 23.
Chirelstein, Nathan, Chicago, Ill. Electric plug. 2,159,939; May 23.
Chirelstein, Nathan, Chicago, Ill. Attachment plug. 2,181,575; Nov. 28.
Chirelstein, Nathan, Chicago, Ill. Attachment plug. 2,181,576; Nov. 28.
Chisholm, Clifton, Cleveland Heights, Ohio. Typewriting machine. 2,165,224; July 11.
Chisholm, Clifton, Cleveland, Ohio. Typewriting machine. 2,165,225; July 11.
Chisholm, Clifton, assignor of thirty-five per cent to H. C. Osborn, Cleveland, Ohio. Power-operated typewriter. 2,165,223; July 11.
Chisholm, Harry L., Jr. (See McPherson, H. W., and Chisholm).
Chisholm-Ryder Company. (See de Back, William, assignor.)
Chittick, Charles Y., Maplewood, N. J., assignor to The Kroydon Company. Golf club. 2,150,737; Mar. 14.
Chittick, Kenneth A., Haddonfield, N. J., assignor to Radio Corporation of America. Automatic volume control. 2,159,780; May 23.
Chittick, Martin B., Wilmette, assignor to The Pure Oil Company, Chicago, Ill. Extreme pressure lubricants and preparing same. 2,142,998; Jan. 10.
Chittick, Martin B., assignor to The Pure Oil Company, Chicago, Ill. Sulphurized lubricating oil. 2,181,964; Dec. 5.
Chitwood, Henry C., Lakewood, Ohio, assignor to Carbide and Carbon Chemicals Corporation. Production of alkoxyacetones. 2,170,855; Aug. 29.
Chkliar, Jacques, Brussels, Belgium. Rotary internal combustion engine. 2,179,401; Nov. 7.
Chladek, Wilhelm, Berlin-Pankow, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic cutting machine. 2,151,743; Mar. 28.
Chobert, Jacques F. G., Saint-Etienne, France. Method of and apparatus for securing hollow bodies in holes in other bodies. 2,150,361; Mar. 14.
Chobert, Jacques F. G., Saint-Etienne, France. Inspection door and like closure. 2,153,073; Apr. 4.
Choffel, Alex, Brooklyn, assignor to J. A. Deknatel & Son, Inc., Queens Village, Long Island, N. Y. Suture holder. 2,176,452; Oct. 17.
Choice, Frank C. (See Elliott, H. E., and Choice.)
Choma, Michail, assignor of one-half to J. Mongan, East St. Louis, Ill. Shoe repair last. 2,149,334; Mar. 7.
Chong, Alfred Y., Paia Maui, Hawaii. Pineapple gathering machine. 2,169,521; Aug. 15.
Choquette, Henry O., Three Rivers, Quebec, Canada. Pipe. 2,153,955; Apr. 11.
Chott, Edward L., Chicago, Ill. Mortar and pestle. 2,161,998; June 13.
Chouinard, Alfred F. (See Breitenstein, C. J., and Chouinard.)
Chrisman, Horace, Edgewood, assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Mechanical movement. 2,162,375; June 13.

Christ, Bruno, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of tertiary aliphatic amines. 2,170,746; Aug. 22.
Christ, Herman C., Walkermine, Calif. License plate lock. 2,159,254; May 23.
Christ, Karl, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Ultra-short wave transmitter. 2,156,051; Apr. 25.
Christal, Leonard, Lancaster, N. Y. Window sash. 2,147,784; Feb. 21.
Christel, William F., Valders, assignor to Hansen Canning Machinery Corporation, Cedarburg, Wis. Packing commodities in receptacles. 2,150,490; Mar. 14.
Christen, Fritz, Zurich-Altstetten, Switzerland. Magnesium alloy. 2,157,322; May 9.
Christen, Fritz, Zurich-Altstetten, Switzerland. Magnesium alloys. 2,166,039; July 11.
Christen, Victor H., Detroit, Mich., assignor of fifty per cent to Superior Seal & Stamp Company. Windshield wiper clip. 2,170,939; Aug. 29.
Christensen, Alfred C., and A. G. Granath, assignors to H. S. Simpson, Chicago, Ill. Single wheel mold conveyer. 2,168,898; Aug. 8.
Christensen, Alfred C., assignor to H. S. Simpson, Chicago, Ill. Unit drive mixing machine. 2,176,207; Oct. 17.
Christensen, Carl A., Milwaukee, Wis. Clothes wringer. 2,144,793; Jan. 24.
Christensen, Carl J., Flushing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Deposition furnace. 2,161,950; June 13.
Christensen, Carl J., Flushing, N. Y., F. S. Goucher, Short Hills, and H. G. Wehe, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Microphonic material. 2,151,083; Mar. 21.
Christensen, Carl W. (See Ralston, A. W., and Christensen.)
Christensen, Cecile W. (See Christensen, Jakob V. C. T., Jr., assignor.)
Christensen, Christen, Maywood, assignor to Electrical Engineers Equipment Co., Melrose Park, Ill. Switch. 2,154,665; Apr. 18.
Christensen, David J., Berkeley, Calif. Variable scale. 2,156,524; May 2.
Christensen, Erling, Brush, Colo. Insect exterminator. 2,154,418; Apr. 18.
Christensen, Jakob V. C. T., Jr., Long Beach, assignor to C. W. Christensen, Los Angeles, Calif. Air conditioned produce stand. 2,172,331; Sept. 5.
Christensen, Leo M., Atchison, Kans., assignor to The Chemical Foundation, Incorporated, New York, N. Y. Producing denaturants of alcohol. 2,176,208; Oct. 17.
Christensen, Leo M., Atchison, Kans., assignor to The Chemical Foundation, Incorporated, New York, N. Y. Producing alcohols. 2,182,550; Dec. 5.
Christensen Machine Company. (See Belluche, Elmer W. and F. R., assignors.)
Christensen, Martin, Wauwatosa, Wis. Method of and mechanism for opening book signatures and the like. 2,160,830; June 6.
Christensen, Martin S., San Anselmo, Calif. Door holder. 2,178,718; Nov. 7.
Christensen, Niels A., South Euclid, Ohio. Vehicle brake. 2,150,021; Mar. 7.
Chirstensen, Niels A., South Euclid, Ohio. Power controller for vehicle brakes. 2,150,022; Mar. 7.
Christensen, Niels A., South Euclid, Ohio. Automobile wheel and brake mechanism. 2,172,788; Sept. 12.
Christensen, Niels A., South Euclid, Ohio. Packing. 2,180,795; Nov. 21.
Christensen, Norman V., assignor to Union Special Machine Company, Chicago, Ill. Filled bag closing unit. 2,156,526; May 2.
Christensen, Norman V., and C. C. Smith, Chicago, and G. Sauer, Berwyn, assignors to Union Special Machine Company, Chicago, Ill. Feed mechanism for sewing machines and the like. 2,156,525; May 2.
Christensen, Norman V., Chicago, and H. J. Le Vesconte, Western Springs, assignors to Union Special Machine Company, Chicago, Ill. Lock stitch sewing machine. 2,159,204; May 23.
Christensen, Oscar, and E. A. Sperry, Redlands, Calif. Collar form attachment for garment hangers. 2,171,301; Aug. 29.
Christensen, Oscar E., Salt Lake City, Utah. Boehm system clarinet. 2,182,198; Dec. 5.
Christensen, Oscar E., Salt Lake City, Utah. Boehm system clarinet. 2,183,423; Dec. 12.
Christensen, Paul M., Newington, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Electric switch. 2,168,747; Aug. 8.
Christenson, Gust J., assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive boiler firebox. 2,151,009; Mar. 21.
Christian, Carl C., Victoria, Tex. Drilling apparatus. 2,169,223; Aug. 15.
Christian, Jack, Sanford, Fla. Freewheeling device. 2,184,071; Dec. 19.
Christian, Jean E., assignor to Phillips Petroleum Company, Bartlesville, Okla. Device for controlling and regulating liquid, level liquid flow, and temperature and pressure conditions thereof. 2,171,394; Aug. 29.
Christian, Joseph D., San Francisco, Calif. Filter drive unit. 2,143,842; Jan. 17.
Christian, Joseph D., San Francisco, Calif. Pressure extraction vessel shell. 2,170,547; Aug. 22.
Christian, Joseph D., San Francisco, Calif. Speed reduction unit. 2,170,548; Aug. 22.
Christiansen, Andrew L., Willowbrook, Calif. Fish cutting and cleaning machine. 2,166,939; July 25.
Christiansen, Bror, Smedjebacken, Sweden. Reducing metal oxides. 2,146,625; Feb. 7.
Christiansen, Christian, Osio, and G. O. K. Rüsch, Mandal, Norway. Harpoon and like line or rope. 2,145,153; Jan. 24.
Christiansen, Clifford S. (See Bumpus, J. A., and Christiansen.)
Christiansen, Ejnar, Birmingham, England. Machine for feeding or depositing measured quantities of dough or the like. 2,170,988; Aug. 29.
Christiansen, Frederick A., Los Angeles, assignor of two-thirds to W. H. Hammer and one-third to L. Rhodes, Santa Monica, Calif. Electrical toy airplane. 2,149,666; Mar. 7.
Christiansen, John, and J. B. D. Thompson, Berwick, Pa., assignors to American Car and Foundry Company, New York, N. Y. Car door locking device. 2,180,507; Nov. 21.
Christiansen, Walter G., Glen Ridge, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. 1,2-dihalo-delta^3-cycloalkenes. 2,146,720; Feb. 14.
Christiansen, Walter G., Glen Ridge, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Stable solutions of sulphanilamide. 2,161,407; June 6.
Christiansen, Walter G., Glen Ridge, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Anion mercuri 1,3-dihydroxy 4-alkyl 6-halo benzene. 2,163,745; June 27.
Christiansen, Walter G., Glen Ridge, N. J., and W. Braker, Brooklyn, assignors to E. R. Squibb & Sons, New York, N. Y. Phenanthridine derivatives. 2,176,889; Oct. 24.
Christiansen, Walter G., Glen Ridge, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Stabilized bactericide. 2,176,890; Oct. 24.
Christiansen, Walter G., Glen Ridge, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Amino-aliphatic sulphonamides and preparing them. 2,184,279; Dec. 26.
Christianson, Andrew, Hammond, Ind., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Draft gear coupling arrangement. 2,149,840; Mar. 7.
Christianson, Carl O., Ames, Iowa. Drink vending machine. 2,165,959; July 11.
Christianson, Kenneth O., assignor to Creative Educational Society, Mankato, Minn. Duplicator 2,159,471; May 23.
Christie, Hugh K., assignor to Whiting Corporation, Harvey, Ill. Drop pit apparatus. 2,178,624; Nov. 7.
Christie, John, assignor to Eastman Kodak Company, Rochester, N. Y. Double exposure prevention camera. 2,168,974; Aug. 8.
Christie, Llewellyn M., E. F. Wanner, and A. S. Brewer, assignors to National Fireproofing Corporation, Pittsburgh, Pa. Filter tile. 2,161,999; June 13.
Christie, Robert D. (See Morison, George S., assignor.)
Christie, Theodore, Rochester, N. Y., assignor to Lassco Products, Inc. Cutting machine. 2,163,868; June 27.
Christie, Walter E., Oakland, and O. Schroeder, assignors to Soule Steel Company, San Francisco, Calif. Retractable ramp for railway crossings. 2,168,061; Aug. 1.
Christine Association, Inc. (See Clarke, Vernie E., assignor.)
Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Gear lapping machine. 2,149,909; Mar. 7.
Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Tool. 2,153,236; Apr. 4.
Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Vibration damper. 2,153,914; Apr. 11.
Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Locating the teeth of rotary cutting tools. 2,164,569; July 4.
Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Cutting tool. 2,164,570; July 4.
Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Cutting tool. 2,164,571; July 4.
Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Tool. 2,164,572; July 4.
Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Tool. 2,164,573; July 4.
Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Tool. 2,164,574; July 4.
Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Metalworking. 2,175,378; Oct. 10.
Christman, John M., assignor to Packard Motor Car Company, Detroit, Mich. Chamfering machine. 2,184,232; Dec. 19.
Christman, John N. H., Cleveland, Ohio, assignor to Evans Products Company, Detroit, Mich. Vehicle body air circulating and conditioning apparatus. 2,158,741; May 16.
Christman, Peter J., assignor to Paper Converting Machine Co., Green Bay, Wis. Paper napkin machine. 2,165,786; July 11.

Christmann, Friedrich. (See Pier, M., and Christmann.)
Christmann, Ludwig J., Jersey City, and D. W. Jayne, Jr., Elizabeth, N. J., assignors to American Cyanamid Company, New York, N. Y. Stabilized rotenone compositions. 2,151,651; Mar. 21.
Christmas, John K., U. S. Army, Easton, Pa. Wheel for track laying vehicles. 2,149,278; Mar. 7.
Christmas, John K., U. S. Army, Easton, Pa. Vehicle track chain. 2,162,700; June 20.
Christopher, Daniel E., Chicago, Ill. Electric photometer. 2,151,187; Mar. 21.
Christy, George C., assignor to C. L. Schmidt, Chicago, Ill. Bolster spring unit. 2,158,000; May 9.
Chrysler Corporation. (See Beemer, Paul K., assignor.)
Chrysler Corporation. (See Blue, Roy E., assignor.)
Chrysler Corporation. (See Breer, Carl, assignor.)
Chrysler Corporation. (See Breer, C., and Tea, assignors.)
Chrysler Corporation. (See Buchner, Arthur A., assignor.)
Chrysler Corporation. (See Bucy, Roy T., assignor.)
Chrysler Corporation. (See Calkins, W. G., and Langhammer, assignors.)
Chrysler Corporation. (See Cooley, F. N., and Harter, assignors.)
Chrysler Corporation. (See Coyne, John H., assignor.)
Chrysler Corporation. (See Dickson, John B., assignor.)
Chrysler Corporation. (See Dunn, William T., assignor.)
Chrysler Corporation. (See Dunn, W. T., and Iavelli, assignors.)
Chrysler Corporation. (See Dunn, W. T., and Schotz, assignors.)
Chrysler Corporation. (See Dunn, W. T., Syrovy, and Bucy, assignors.)
Chrysler Corporation. (See Fishburn, Otto E., assignor.)
Chrysler Corporation. (See Glassford, Fred, assignor.)
Chrysler Corporation. (See Hendrick, John V., assignor.)
Chrysler Corporation. (See Hicks, Harold A., assignor.)
Chrysler Corporation. (See Houk, Addison R., assignor.)
Chrysler Corporation. (See Iavelli, Teno, assignor.)
Chrysler Corporation. (See Janeway, Robert N., assignor.)
Chrysler Corporation. (See Jewell, Bernard W., assignor.)
Chrysler Corporation. (See Kaiser, August, assignor.)
Chyrsler Cororation. (See Kolb, H. F., and Padgett, assignors.)
Chrysler Corporation. (See Lee, Roger K., assignor.)
Chrysler Corporation. (See Lee, R. K., and Tea, assignors.)
Chrysler Corporation. (See Lord, Charles S., assignor.)
Chrysler Corporation. (See Maurer, Edwin R., assignor.)
Chrysler Corporation. (See Maurer, E. R., and Coyne, assignors.)
Chrysler Corporation. (See McKechnie, I. C., and Pattison, assignors.)
Chrysler Corporation. (See Neeson, Charles R., assignor.)
Chrysler Corporation. (See Neeson, C. R., and Conlon, assignors.)
Chrysler Corporation. (See Neracher, Carl A., assignor.)
Chrysler Corporation. (See Neracher, C. A., and Dunn, assignors.)
Chrysler Corporation. (See Neracher, C. A., and Iavelli, assignors.)
Chrysler Corporation. (See Neracher, C. A., Iavelli, and Syrovy, assignors.)
Chrysler Corporation. (See Neracher, C. A., and Syrovy, assignors.)
Chrysler Corporation. (See Parker, Glenn H., assignor.)
Chrysler Corporation. (See Patterson, Herbert F., assignor.)
Chrysler Corporation. (See Phelan, Arthur J. and H. S., assignors.)
Chrysler Corporation. (See Roualet, Andre J. E., assignor.)
Chrysler Corporation. (See Sanders, Rufus C., assignor.)
Chrysler Corporation. (See Slack, Frederic W., assignor.)
Chrysler Corporation. (See Tarbell, John C., assignor.)
Chrysler Corporation. (See Utz, C. C., and Ball, assignors.)
Chrysler Corporation. (See Van Der Sluys, William, assignor.)
Chrysler Corporation. (See Wallace, David A., assignor.)
Chrysler Corporation. (See Way, Gilbert, assignor.)
Chrysler Corporation. (See Wills, Child H., assignor.)
Chrysler Corporation. (See Wyld, Reginald G., assignor.)
Chubb, Lewis W., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Display device. 2,169,022; Aug. 8.
Chuck, Faw Y., San Francisco, Calif. Manufacture of lactose containing materials. 2,174,734; Oct. 3.
Chucto, Theodore, Rockaway Park, N. Y. Hacksaw. 2,183,669; Dec. 19.
Chudner, Joseph, Brooklyn, N. Y. Shock absorber. 2,167,474; July 25.
Chupp, Carl B., Abington, Pa. Aerial device. 2,181,477; Nov. 28.
Church, George T., assignor to The Fretz-Moon Tube Company, Inc., Butler, Pa. Coating apparatus. 2,184,610; Dec. 26.
Church, Harold D. (See Anderson, Raymond M., assignor.)
Church, Harold D., Cleveland Heights, Ohio. Internal combustion engine. 2,144,449; Jan. 17.
Church, Harold D., Cleveland Heights, Ohio, assignor of one-half to R. M. Anderson, Detroit, Mich. Fuel economizer. 2,152,028; Mar. 28.
Church, Raymond E., Cincinnati, and G. L. Sellars, Milford, Ohio; said Sellars assignor to said Church. Apparatus for grading material. 2,168,838; Aug. 8.
Church, Walter L., Houston, Tex. Fluid lift pump. 2,152,873; Apr. 4.
Church, Walter L., Houston, assignor of one-half to J. G. Gratehouse, Harris County, Tex. Apparatus for bringing a well into production. 2,157,729; May 9.
Church, Walter L., Houston, Tex. Well screen. 2,162,799; June 20.
Church, Walter L., assignor of one-half to W. L. Pearce, Houston, Tex. Tubing control head. 2,163,422; June 20.
Church, Walter L., assignor to C-M-P Fishing Tool Company, Houston, Tex. Pipe cutter. Re. 21,234; Oct. 17.
Church, Walter L., Houston, and W. K. Holleron, Alta Loma, Tex. Drill stem valve. 2,176,730; Oct. 17.
Church, Walter L., Houston, Tex. Producing equipment for wells. 2,182,890; Dec. 12.
Churchill, David C., Berea, Ky. Oscillatory movement for looms. 2,147,483; Feb. 14.
Churchill, David C., Berea, Ky. Loom harness mechanism. 2,184,410; Dec. 26.
Churchill, George R., Atlantic, Quincy, Mass. Rotary buffing device. 2,146,284; Feb. 7.
Churchill, George R., Quincy, Mass. Rotary brush. 2,172,433; Sept. 12.
Churchill, Harold E. (See Burzbach, O. K., and Churchill.)
Churchill, Harold E. (See Matthews, G., and Churchill.)
Churchill Machine Tool Company Limited, The. (See Asbridge, Harry H., assignor.)
Churchill, Willard W., Seattle, Wash. Anchored adjustable chair. 2,162,060; June 13.
Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Mounting bracket and installation thereof. 2,144,910; Jan. 24.
Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Molding fastener and installation. 2,147,943; Feb. 21.
Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Window strip installation and fastener for the same. 2,152,582; Mar. 28.
Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Reinforcement member. 2,166,889; July 18.
Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Self-piercing fastener member. 2,173,198; Sept. 19.
Churchill, Wilmer H., Saugus, Mass., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Window strip installation and fastener for the same. 2,177,591; Oct. 24.
Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Window strip installation and fastener for the same. 2,180,920; Nov. 21.
Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Electrical contact member and making same. 2,180,921; Nov. 21.
Churchill, Wilmer H., Saugus, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener member and fastener installation. 2,184,249; Dec. 19.
Churgin, Leopold, Newark, N. J. Flexible grinder. 2,155,037; Apr. 18.
Chwala, August. (See Waldmann, E., and Chwala.)
Ciaccio, Dominick, et al. (See Schramm, Frederick C., assignor.)
Ciamberlini, Ugo, Milan, Italy. Anemometer with altitude correction. 2,177,244; Oct. 24.
Cianchi, Alfredo, London, England. Mercury switch. 2,156,971; May 2.
Cianchi, Alfredo, London, England. Electric switch. 2,157,114; May 9.
Cianchi, Alfredo, London, England. Electric switch. 2,162,000; June 13.
Ciba Pharmaceutical Products, Incorporated. (See Laqueur, E., David, Dingemanse, and Freud, assignors.)
Ciba Products Corporation. (See Gams, A., and Frey, assignors.)
Cicchiello, Ralph, Waterbury, Conn. Pot or pan lifting implement. 2,168,730; Aug. 8.
Ciccone, Pasquale, Ambridge, Pa. Sanitary cuspidor. 2,146,626; Feb. 7.
Cicero, Sam J. (See Graziano, S. F., and Cicero.)
Cichero, Mario, Ridgewood, N. J. Airplane passenger cage. 2,156,252; Apr. 25.
Cichoski, Felix W. (See Schroeder, L. R., and Cichoski.)
Cicin, Paul, Vienna, Austria. Movable siphon weir. 2,172,697; Sept. 12.
Cicin, Paul, Vienna, Austria. Double-sluice weir. 2,183,288; Dec. 12.
Cidissen, John, New York, N. Y. Fountain pen eraser attachment. 2,157,450; May 9.
Ciechanow, Saul A., San Francisco, Calif. Film viewer. 2,182,514; Dec. 5.
Cierpial, John L., Warren Township, St. Joseph County, Ind. Measuring instrument. 2,163,023; June 20.
Cilag, Chemiches Industrielles Laboratorium A. G. (See Naegeli, Carl, assignor.)

Cimorosi, Alberto, Tippecanoe City, Ohio. Fireworks. 2,174,202; Sept. 26.
Cinamon, Lionel, and S. Sklarew, assignors to Special Chemicals Corp., New York, N. Y. Flux composition. 2,174,551; Oct. 3.
Cinch Manufacturing Corporation. (See Del Camp, Scipione M., assignor.)
Cinch Manufacturing Corporation. (See Pool, Esson J., assignor.)
Cinch Manufacturing Corporation. (See Roby, William G., assignor.)
Cincinnati Ball Crank Company, The. (See Ross, George A., assignor.)
Cincinnati Bickford Tool Company, The. (See Schauer, Lawrence L., assignor.)
Cincinnati Butchers' Supply Company, The. (See Schmidt, Oscar C., assignor.)
Cincinnati Grinders Incorporated. (See Archea, W. D., and Brown, assignors.)
Cincinnati Grinders Incorporated. (See Booth, Clement, assignor.)
Cincinnati Grinders Incorporated. (See Campbell, John C., assignor.)
Cincinnati Grinders Incorporated. (See Dall, Albert H., assignor.)
Cincinnati Grinders Incorporated. (See Dall, A. H., and Ernst, assignors.)
Cincinnati Grinders Incorporated. (See Dall, A. H., and Haas, assignors.)
Cincinnati Grinders Incorporated. (See Ernst, H., and Dall, assignors.)
Cincinnati Grinders Incorporated. (See Graf, A. J., and Schulte, assignors.)
Cincinnati Grinders Incorporated. (See Haas, Frederick S., assignor.)
Cincinnati Grinders Incorporated. (See Herfurth, Charles, assignor.)
Cincinnati Grinders Incorporated. (See Herfurth, C., and Schledorn, assignors.)
Cincinnati Grinders Incorporated. (See Kearns, Bernard A., assignor.)
Cincinnati Grinders Incorporated. (See Sassen, B., Ernst, and Haas, assignors.)
Cincinnati Grinders Incorporated. (See Trible, Winthrop, assignor.)
Cincinnati Grinders Incorporated. (See Trible, W., and Heckman, assignors.)
Cincinnati Grinders Incorporated. (See Wortendyke, Raymond D., assignor.)
Cincinnati Milling Machine Co., The. (See Horlacher, Herman, assignor.)
Cincinnati Milling Machine Co., The. (See Martellotti, Mario E., assignor.)
Cincinnati Milling Machine Co., The. (See Martellotti, M., and Ernst, assignors.)
Cincinnati Milling Machine Company. (See Nenninger, L. F., and Roehm, assignors.)
Cincinnati Milling Machine Co. (See Romaine, Millard, assignor.)
Cincinnati Mine Machinery Company, The. (See Bruestle, Armin O., assignor.)
Cincinnati Time Recorder Company, The. (See Streckfuss, Elmer G., assignor.)
Cincinnati Time Recorder Company, The. (See Wesche, Bjarne A., assignor.)
Cincinnati Tool Company, The. (See Farmer, Delbert L., assignor.)
Cincinnati Traction Building Co., The. (See Schoepf, T. H., and Ritchie, assignors.)
Cinecolor, Incorporated. (See Trimble, Lyne S., assignor.)
Ciofalo, John, Brooklyn, and J. Ciofalo, Yonkers, N. Y. Display receptacle. 2,166,422; July 18.
Ciofalo, John, Brooklyn, and J. Ciofalo, Yonkers, N. Y. Display device. 2,176.047; Oct. 17.
Ciofalo, Joseph. (See Ciofalo, John and J.)
Cippico, Giuseppe, Rome, Italy. Smoking device. 2,158,897; May 16.
Circle Motor Corporation. (See Malina, Frank, assignor.)
Circuit Breakers, Inc. (See Burnside, James H., 2d, assignor.)
Cirillo, Nicholas. (See Borchers, W. G., and Cirillo.)
Ciringione, Michael, Woodside, N. Y. Foundation garment. 2,168,931; Aug. 8.
Cisin, Harry G., Brooklyn, N. Y., assignor of one-half to H. G. Cisin and one-half to A. D. Schneider and C. Lichtenstein, as trustees. Game. 2,148,259; Feb. 21.
Cissell, William M., Louisville, Ky. Water conditioner. 2,171,266; Aug. 29.
Cities Service Oil Company. (See Frame, Alfred P., assignor.)
Cities Service Oil Company. (See Walker, John C., assignor.)
Citron, William, assignor to Rit Products Corporation, Chicago, Ill. Display apparatus. 2,174,068; Sept. 26.
Cittell, Harry E., Eggertsville, N. Y. Turn signal. 2,161,336; June 6.
City Novelty Corporation. (See Mantz, Robert, assignor.)
Cizek, Joe C., Prague, Nebr. Well casing extractor. 2,160,472; May 30.
Claassen, Anthonius F. P. J., and C. de Lange, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electrolytic condenser. 2,177,018; Oct. 24.
Claassen, Anthony F. P. J., and C. de Lange, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electrolytic cell. 2,183,091; Dec. 12.
Clabeaux, Robert J., Buffalo, N. Y. Flame cutting apparatus. 2,142,436; Jan. 3.
Claborn, Houston V., and L. E. Smith, Washington, D. C., dedicated to the free use of the People of the United States of America. Insecticide. 2,175,109; Oct. 3.
Clack, Thomas H., New York, N. Y. Making rugs, and frame therefor. 2,149,274; Mar. 7.
Clack, Thomas H., New York, N. Y. Rug and making the same. 2,150,023; Mar. 7.
Clack, Thomas H., New York, N. Y. Rug making. 2,150,024; Mar. 7.
Clad Metals Industries, Inc. (See Chace, Thomas B., assignor.)
Clade, Robert, Detroit, Mich., assignor to American Car and Foundry Company, New York, N. Y. Universal valve. 2,184,513; Dec. 26.
Claesson, Per H. E. (See Thunell, K. H., Vigren, and Claesson.)
Claff, Clarence L., Randolph, Mass. Box with stock control tag and making the same. 2,142,470; Jan. 3.
Claff, Clarence L., Randolph, Mass. Making paper boxes. 2,143,763; Jan. 10.
Claff, Clarence L., Randolph, Mass. Making paper boxes or the like with printed wrappers. 2,166,287; July 18.
Claff, Clarence L., Randolph, Mass. Stock control means. 2,167,637; Aug. 1.
Claff, Clarence L., Randolph, Mass. Making boxes. 2,175,953; Oct. 10.
Claflin, Alan A., Winchester, Mass. Printing paste for textile fabrics. 2,172,833; Sept. 12.
Claflin, Leon R. (See Martin, H. C., and Claflin.)
Claire, Guy K., Torrance, Calif., assignor to International-Stacey Corporation, Columbus, Ohio. Folding mast for portable well drilling and operating apparatus. 2,176,731; Oct. 17.
Clamann, Gerhard, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photoelectrically scanning balanced sound records. 2,170,962; Aug. 29.
Clamp Nail Company. (See Heyser, Arthur C., assignor.)
Clamp Nail Company. (See Putnam, Mabel C., assignor.)
Clamp, James T., Miami, Fla. Machine to cut or trim asphalt roads. 2,164,446; July 4.
Clancy, Charles E., Glendale, Calif. Venetian blind. 2,180,863; Nov. 21.
Clanton, George W., San Jose, Calif. Toy. 2,167,937; Aug. 1.
Clanton, James E., Portsmouth, Va. Lifesaving device for submarines. 2,169,630; Aug. 15.
Clapp, George I., Wells, Maine. Bonding of composite articles with polymerized adhesives. 2,153,660; Apr. 11.
Clapp, Harold W., Cornwall, Ontario, Canada. Safety razor adjustment device. 2,149,421; Mar. 7.
Clapp, Helen T., administratrix. (See Clapp, Lawrence R.)
Clapp, Lawrence R., deceased, Woodbury; H. T. Clapp, administratrix, assignor to The New Haven Copper Company, Seymour, Conn. Shingle. 2,142,177; Jan. 3.
Clapp, Lewis J., Michigan City, Ind., assignor to Sullivan Machinery Company. Air compressor. 2,150,912; Mar. 21.
Clapper, Harland R., assignor to The Timken Roller Bearing Company, Canton, Ohio. Apparatus for determining bearing play. 2,170,493; Aug. 22.
Clappier, Robert R., Huntington, W. Va., and J. Orin McDowell, Steubenville, Ohio, assignors to International Nickel Company, Inc., New York, N. Y. Rolling of cathode nickel. 2.181,936; Dec. 5.
Clapsadle, Leo J., Buffalo, and A. H. Tenney, Mount Vernon, N. Y., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Noncorrosive antifreeze liquid. 2,147,149; Feb. 14.
Clar, Erich, Herrnskretschen, Czechoslovakia, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reducing cyclic carbonyl compounds. 2,172,020; Sept. 5.
Clar, Erich, Herrnskretschen-on-the-Elbe, Czechoslovakia, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the perylene series. 2,179,920; Nov. 14.
Claremont Waste Manufacturing Company. (See Hauge, Andrew, assignor.)
Clarin, Werner E., assignor to The Durham Manufacturing Company, Muncie, Ind. Furniture construction. 2,143,542; Jan. 10.
Clark Aco Teapot Company. (See Osterheld, Albert C., assignor.)
Clark, Albert E. (See Johason, M. H., and Clark.)
Clark, Arthur L., Wichita, Kans. Garage door hanger. 2,163,394; June 20.
Clark, Arthur M., W. E. Batten, and C. F. R. Harrison, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Recovery of sulphur dioxide from gas mixtures. 2.173,877; Sept. 26.
Clark, Aurelius R., Martinez, Calif. Spring suspension for vehicles. 2,153,237; Apr. 4.
Clark, Berton S., San Francisco, Calif., assignor to American Can Company, New York, N. Y. Coating composition for sheet metal containers. 2,167,638; Aug. 1.
Clark, Beryl F., Centerville, Iowa, and V. D. Humbert, Memphis, Mo. Garment hanger. 2,165,129; July 4.

Clark, Carl L., Warren, assignor, by mesne assignments, to The Powell Pressed Steel Company, Hubbard, Ohio. Pallet construction. 2,148,150; Feb. 21.
Clark, Carleton C., assignor to The American Rolling Mill Company, Middletown, Ohio. Annealing cover. 2,183,785; Dec. 19.
Clark, Charles H., Bethel Township, Allegheny County, Pa., assignor, by mesne assignments, to H. F. Flowers, Findlay, Ohio. Car door control. 2,160,197; May 30.
Clark Controller Company, The. (See Hart, Earl R., assignor.)
Clark Controller Company, The. (See Mellon, James J., assignor.)
Clark Controller Company, The. (See Rippl, Charles H., assignor.)
Clark, Donald R. (See Bird, W., and Clark.)
Clark, Dudley B., Palm Springs, Calif., assignor to General Electronics Corporation. Electrical converting system. 2,182,014; Dec. 5.
Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermostat. 2,151,744; Mar. 28.
Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control for range heat. 2,172,189; Sept. 5.
Clark, Earl K., West Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Remote control device for ranges. 2,178,065; Oct. 31.
Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Flexible remote control coupling. 2,178,066; Oct. 31.
Clark, Earl K., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Sadiron. 2,180,399; Nov. 21.
Clark, Earl W., Hartford, Ohio. Ingot mold coating device. 2,143,408; Jan. 10.
Clark, Edward L., Elkhart, Ind. Baton. 2,162,157; June 13.
Clark, Edward W. (See Willaman, J. J., Diehm, and Clark.)
Clark Equipment Company. (See Burger, Frederick W.)
Clark Equipment Company. (See Burger, Frederick W., assignor.)
Clark Equipment Company. (See Burrows, R. J., and Williams, assignors.)
Clark Equipment Company. (See Burrows, R. J., Lapsley, and Williams, assignors.)
Clark Equipment Company. (See Dunham, Elmer J., assignor.)
Clark Equipment Company. (See Dunham, E. J., and Yeakel, assignors.)
Clark Equipment Company. (See Gettig, Joseph H., assignor.)
Clark Equipment Company. (See Gettig, J. H., and Spatta, assignors.)
Clark Equipment Company. (See Lapsley, Robert, assignor.)
Clark Equipment Company. (See Ormsby, Donald D., assignor.)
Clark Equipment Company. (See Schirmer, Walter E., assignor.)
Clark Equipment Company. (See Spatta, George, assignor.)
Clark Equipment Company. (See Williams, Alfred O., assignor.)
Clark, Frank D., et al. (See Hoopes, Ernest A., assignor.)
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Electric device and dielectric materials therefor. 2,143,685; Jan. 10.
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Capacitance device. 2,145,710; Jan. 31.
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Electric capacitor. 2,152,465; Mar. 28.
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Electric capacitor and compositions therefor. 2,165,091; July 4.
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Capacitor composition. 2,168,156; Aug. 1.
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Electric capacitor. 2,170,782; Aug. 22.
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Chlorinated diphenyl sulphide. 2,172,954; Sept. 12.
Clark, Frank M., Pittsfield, Mass., assignor to General Electric Company. Liquid composition. 2,175,877; Oct. 10.
Clark, Frank M., Pittsfield, Mass., and W. M. Kutz, Pittsburgh, Pa., assignors to General Electric Company. Liquid halogenated compositions. 2,169,872; Aug. 15.
Clark, Frank M., and R. A. Ruscetta, Pittsfield, Mass., assignors to General Electric Company. Resinous compositions and capacitors, containing the same. 2,165,090; July 4.
Clark, Frederick J., assignor to Eastman Machine Company, Buffalo, N. Y. Knife-sharpening mechanism for cutting machines. 2,183,786; Dec. 19.
Clark, Frederick J., assignor to Eastman Machine Company, Buffalo, N. Y. Knife-sharpening mechanism for cutting machines. 2,183,787; Dec. 19.
Clark, Frederick J., Buffalo, and C. F. Hilgeman, Williamsville, assignors to Eastman Machine Company, Buffalo, N. Y. Knife-sharpening mechanism for cutting machines. 2,183,788; Dec. 19.
Clark, George C., Beverly Hills, Calif. Mold material for casting metals. 2,183,424; Dec. 12.
Clark, George J., Haworth, N. J. Attachment for booms. 2,169,556; Aug. 15.
Clark, George W., Timber Lake, S. Dak., assignor of one-fourth to J. O. Rostvedt, Bismarck, N. Dak. Wire tightener. 2,163,083; June 20.
Clark, Harold W., assignor to The McCaskey Register Company, Alliance, Ohio. Paper equipment for cash registers. 2,160,539; May 30.
Clark, Harold W., assignor to The Steel Sanitary Company, Alliance, Ohio. Method and apparatus for making metallic receptacles. 2,176,738; Oct. 17.
Clark, Harry A., Detroit, Mich. Necktie. 2,151,188; Mar. 21.
Clark, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,143,620; Jan. 10.
Clark, J. D., assignor to J. D. Hoover, G. Self, R. C. Farrell, A. L. Lockett, and R. E. Mason, Vernon, Tex. Lazy board. 2,148,058; Feb. 21.
Clark, J. L., Manufacturing Co. (See Anderson, Knute G., assignor.)
Clark, J. L., Manufacturing Co. (See Mills, Wallace C., assignor.)
Clark, James D., Rose Valley, Pa. Method and apparatus for testing the folding endurance of paper and like materials. 2,179,116; Nov. 7.
Clark, James D'A., Swarthmore, Pa. Apparatus for sampling liquids. 2,164,498; July 4.
Clark, James E., Williston Park, and V. L. Ronci, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,173,679; Sept. 19.
Clark, James K., Utica, assignor to The Partlow Corporation, New Hartford, N. Y. Automatic safety pilot burner. 2,152,790; Apr. 4.
Clark, James W., Monmouth, Ill. Slack adjuster. 2,177,450; Oct. 24.
Clark, James W., Monmouth, Ill. Slack adjuster. 2,177,451; Oct. 24.
Clark, Jesse H., assignor of one-half to L. M. Heineman, Chicago, Ill. Knob. 2,142,092; Jan. 3.
Clark, Jesse H., Chicago, Ill., assignor, by mesne assignments, to Edison General Electric Appliance Company, Inc. Washing apparatus. 2,155,254; Apr. 18.
Clark, Jesse H., assignor to Wells-Gardner & Company, Chicago, Ill. Mounting for radio condensers. 2,183,985; Dec. 19.
Clark, John, assignor to Consolidated Biscuit Company, Chicago, Ill. Apparatus for coating food products. 2,182,068; Dec. 5.
Clark, John J., Flint, Mich. Motor vehicle aerial. 2,161,698; June 6.
Clark, John M., assignor to Universal Button Fastening & Button Company, Detroit, Mich. Button manufacture. 2,150,877; Mar. 14.
Clark, John T., Company. (See Winterbauer, Henry T., assignor.)
Clark, John W., De Witt, Iowa. Folding chock. 2,184,487; Dec. 26.
Clark, Joseph B., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Apparatus for taking fluid samples. 2,161,557; June 6.
Clark, Joseph C., Merchantville, N. J., assignor, by mesne assignments, of one-half to C. T. Ludington, and one-half to N. S. Ludington, Ardmore, Pa. Sun compass. 2,155,402; Apr. 25.
Clark, Kempton, Little Compton, R. I., assignor to American Seal-Kap Corporation of Delaware, Long Island City, N. Y. Method of and mechanism for sealing capped containers. 2,156,801; May 2.
Clark, Kendall, South Bend, Ind. Power lighting system. 2,164,187; June 27.
Clark, Kendall, South Bend, Ind., assignor to International Engineering Corporation. Control system. 2,175,341; Oct. 10.
Clark, Kendall, South Bend, Ind., assignor to Bendix Home Appliances, Inc., Detroit, Mich. Transmission. 2,176,209; Oct. 17.
Clark, Kendall, South Bend, Ind., assignor to Bendix Home Appliances, Inc., Detroit, Mich. Washing machine. 2,176,954; Oct. 24.
Clark, Kendall, South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Control system. 2,180,580; Nov. 21.
Clark, Lee H., Grosse Ile, and C. W. Deibel, Wyandotte, Mich., assignors to The Sharples Solvents Corporation, Philadelphia, Pa. Manufacture of hydrocarbon compounds containing sulphur. 2,147,400; Feb. 14.
Clark, Lee H., and J. F. Olin, Grosse, Ile, and C. W. Deibel, Wyandotte, Mich., assignors to The Sharples Solvents Corporation, Philadelphia, Pa. Manufacture of amines. 2,183,499; Dec. 12.
Clark, Lester L., Akron, Ohio. Pumping apparatus. 2,170,549; Aug. 22.

Clark, Leverett M., Snyder, assignor to Waugh Equipment Company, New York, N. Y. Cushioning mechanism. 2,145,585; Jan. 31.
Clark, Leverett M., Snyder, assignor to Waugh Equipment Company, New York, N. Y. Cushioning mechanism. 2,184,936; Dec. 26.
Clark, Lincoln. (See Clark, Lincoln, Jr., assignor.)
Clark, Lincoln, Jr., assignor to L. Clark, Pasadena, Calif. Process and apparatus for treating hydrocarbon material. 2,176,453; Oct. 17.
Clark Machine Company. (See Ealy, William H., assignor.)
Clark Manufacturing Company. (See Clark, Theodore W., assignor.)
Clark, Marcus C., et al. (See Neuschastle, Edward, assignor.)
Clark, Max J., Pontiac, Mich. Hydraulic device. 2,166,423; July 18.
Clark, Morton L., assignor to The Artkraft Sign Company, Lima, Ohio. Prefabricated marquee. 2,154,394; Apr. 11.
Clark, Morton L., assignor to The Artkraft Sign Company, Lima, Ohio. Prefabricated marquee. 2,154,395; Apr. 11.
Clark, Otto B., assignor to The Lubrication Corporation, Chicago, Ill. Dispenser. 2,156,527; May 2.
Clark, Paul M., et al. (See McElwain, William H., assignor.)
Clark, Percy L., Jr., Chicago, Ill. Pessary. 2,157,689; May 9.
Clark, Ralph R., assignor to Armstrong Cork Company, Lancaster, Pa. Closure assembly apparatus. 2,184,280; Dec. 26.
Clark, Ralph R., assignor to Armstrong Cork Company, Lancaster, Pa. Making closures. 2,184,281; Dec. 26.
Clark, Richard U., Fort Wayne, Ind. Vapor electric tube. 2,159,255; May 23.
Clark, Richard U., Fort Wayne, Ind. Electron discharge device. 2,164,699; July 4.
Clark, Robert K., Flossmoor, Ill. Supporting harness for pails. 2,169,080; Aug. 8.
Clark, Robert R., Miami, Fla. Wall. 2,159,134; May 23.
Clark, Theodore W., Portland, Oreg., assignor to Clark Manufacturing Company, Cleveland, Ohio. Steam trap. 2,179,145; Nov. 7.
Clark Thread Company, The. (See Burgeni, Alfred, assignor.)
Clark Thread Company, The. (See Camp, William M., assignor.)
Clark Thread Company, The. (See Camp, W. M., Burgeni, and Thomas, assignors.)
Clark Thread Company, The. (See Garrott, John H., assignor.)
Clark Thread Company, The. (See Nunan, Thomas J., assignor.)
Clark Thread Company, The. (See Taylor, W. H., and Kershaw, assignors.)
Clark, Treyor H., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron multiplier. 2,150,317; Mar. 14.
Clark, Wallace, Indianapolis, Ind. Fuel feeding and distributing mechanism for internal combustion engines. 2,163,458; June 20.
Clark, Walter G., assignor to Clarkiron, Inc., Los Angeles, Calif. Ore reduction process. 2,144,618; Jan. 24.
Clark, Walter G., assignor to Clarkiron, Inc., Los Angeles, Calif. Ore reduction process. 2,166,207; July 18.
Clark, Walton B., et al. (See Betts, Earl W., assignor.)
Clark, William C., Syracuse, N. Y. Tally card. 2,165,612; July 11.
Clark, William D., Jr., Arlington, N. J. Venetian blind. 2,142,629; Jan. 3.
Clark, William D., Jr., Belleville, N. J. Venetian blind slat. 2,169,873; Aug. 15.
Clark, William M., and C. D. Spencer, East Cleveland, Ohio, assignors to General Electric Company. Method and apparatus for coating vitreous tubes. 2,178,419; Oct. 31.
Clark, William O., Toledo, Ohio, and L. W. Finch, Wauwatosa, and C. W. Rose, Milwaukee, Wis. Aerial toy. 2,145,972; Feb. 7.
Clark, Verdrie F., New Albany, Ind., assignor to Peerless Manufacturing Corporation, Louisville, Ky. Stoker. 2,166,040; July 11.
Clarke, Allen W. (See Bradfield, G. K., Clarke, and Willoughby, assignors.)
Clarke, Carole A., Chatham, N. J., and J. A. Malmuth, Brooklyn, assignors to Dictograph Products Company, Inc., New York, N. Y. Telephone jack box for chair arms. 2,157,527; May 9.
Clarke, Charles E. (See Poole, J. V., and Clarke.)
Clarke, Charles J., Kingsburg, Calif. Artificial bait or lure. 2,184,792; Dec. 26.
Clarke, Charles M. (See Bergmann, Christian N., assignor.)
Clarke, David M. (See Overmier, E., Rodman, and Clarke.)
Clarke, Douglas R., Toronto, Ontario, Canada. Portable internal combustion engine. 2,159,256; May 23.
Clarke, Dumont, Asheville, N. C. Massaging device. 2,168,975; Aug. 8.
Clarke, Dumont, Manchester, Vt. Auto cushion. 2,168,976; Aug. 8.
Clarke, Frederick A., Chelsfield, England. Coupling. 2,153,077; Apr. 4.
Clarke, Frederick A., Wembley, England. Coupling. 2,164,447; July 4.
Clarke, Fredrick D., assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Spool and container for sensitized film or paper. 2,180,222; Nov. 14.
Clarke, Hans T., New York, and C. J. Malm, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of cellulose ethers. 2,170,009; Aug. 22.
Clarke, Herbert A. (See Diehl, W. F., and Clarke.)
Clarke, Lemuel H., Camden, N. J. Cup and cone holder for ice scrapers. 2,146,419; Feb. 7.
Clarke, Louis A., Fishkill, assignor to The Texas Company, New York, N. Y. Solvent refining. 2,178,321; Oct. 31.
Clarke, Louis A., Fishkill, and E. C. Knowles, Beacon, assignors to The Texas Company, New York, N. Y. Solvent refining of mineral oil. 2,145,828; Jan. 31.
Clarke, Louis A., Fishkill, and E. C. Knowles, Beacon, assignors to The Texas Company, New York, N. Y. Solvent refining of mineral oil. 2,145,829; Jan. 31.
Clarke, Louis A., and J. R. Callaway, Fishkill, assignors to The Texas Company, New York, N. Y. Improving the color of cracked hydrocarbon distillates. 2,147,572; Feb. 14.
Clarke, Philip S. (See Ott, T. F., Clarke, and Van Marter.)
Clarke, Ralph S., South Walpole, Mass., assignor, by mesne assignments to Centrifugal Engineering and Patents Corporation, New York, N. Y. Duplex centrifugal separator. 2,156,253; Apr. 25.
Clarke, Rollin R. (See Peterson, F. H., and Clarke.)
Clarke, Sydney G., Surbiton, assignor to British Non-Ferrous Metals Research Association, London, England. Method of and apparatus for testing the thickness of metal coatings. 2,174,053; Sept. 26.
Clarke, Thomas B., and L. E. Short, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Securing heel-breast covering flaps to shoes. 2,169,317; Aug. 15.
Clarke, Vernie E., assignor to Christine Association, Inc., Los Angeles, Calif. Fluid pressure generator. 2,149,667; Mar. 7.
Clarke, Victor, Coral Gables, Fla. Precision condenser adjuster. 2,162,061; June 13.
Clarke, Victor, Coral Gables, Fla., assignor to Pan American Airways Corporation, Jersey City, N. J. Precision radio dial. 2,143,647; Jan. 10.
Clarke, Walter J., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Lacquer. 2,170,187; Aug. 22.
Clarkiron, Inc. (See Clark, Walter G., assignor.)
Clarkson, Alick, Elmhurst, Ill. Fluid burner. 2,143,259; Jan. 10.
Clarkson, Alick, Elmhurst, Ill. Steam generating system. 2,160,644; May 30.
Clarkson, Alick, Bloomingdale Township, Du Page County, Ill. Fluid pressure controlled switch. 2,182,450; Dec. 5.
Clarkson, Charles F. (See Gessler, A. E., Guiteras, and Clarkson.)
Clarkson, John L., Nashville, Ill. Gathering mechanism for loading machines. 2,144,871; Jan. 24.
Clarkson, John L., Nashville, Ill. Loader construction. 2,172,360; Sept. 12.
Clarkson, Ralph P., New Rochelle, N. Y. Adjustable rail and flange lubricator. 2,142,495; Jan. 3.
Clarkson, Ralph P., New Rochelle, N. Y. Railway track construction. 2,144,608; Jan. 24.
Clarkson, Ralph P., New Rochelle, N. Y. Anchor rail clip. 2,183,513; Dec. 12.
Clarostat Manufacturing Co. Inc. (See Mucher, George J., assignor.)
Clary, Hugh L., San Matio, assignor to Clary Multiplier Corporation, Los Angeles, Calif. Adding, subtracting, and multiplying machine. 2,167,827; Aug. 1.
Clary, Joseph F. (See Ragsdale, E. J. W., and Clary.)
Clary, Lloyd H. (See Doud, H. P., and Clary.)
Clary Multiplier Corporation. (See Clary, Hugh L., assignor.)
Clasen, Howard W. (See MacDonald, Kenneth, assignor.)
Clasen, John H., Anaheim, Calif. Disk harrow. 2,180,458; Nov. 21.
Classe Ribbon Works, Inc. (See Classe, William C., assignor.)
Classe, William C., Anniston, Ala., assignor to Classe Ribbon Works, Inc. Multiple winding and measuring machine. 2,153,792; Apr. 11.
Clauberg, Herman P., Hasbrouck Heights, N. J., assignor to R. Hoe & Co., Inc., New York, N. Y. Sheet folding mechanism. 2,160,198; May 30.
Clauberg, Herman P., Hasbrouck Heights, N. J., assignor to R. Hoe & Co., Inc., New York, N. Y. Folding mechanism for printing machines. 2,172,361; Sept. 12.
Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Bracket for automobile robe rails. 2,155,834; Apr. 25.
Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Trailer coupling and support. 2,167,520; July 25.
Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Bracket for automobile robe rails. 2,169,920; Aug. 15.
Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Assist cord and coat-hanger bracket for automobiles. 2,172,168; Sept. 5.

Claud-Mantle, Arthur, Trumbull, assignor to The Bassick Company, Bridgeport, Conn. Catch and lock mechanism for automobile truck compartments. 2,172,169; Sept. 5.

Clauder, Earle A., Madison, Wis., assignor to Ever-Flo Manufacturing Company, Inc. Shampoo apparatus. 2,181,653; Nov. 28.

Claus, Bruno, Halle-on-the-Saale, Germany. Production of photographic emulsions. 2,146,938; Feb. 14.

Claus, Bruno, Halle-on-the-Saale, Germany. Producing photographic emulsions. 2,158,219; May 16.

Claus, Charles A. (See von Hofe, G. W., and Claus.)

Claus, George F., Denver, Colo. Door supporting hinge and locking means. 2,172,649; Sept. 12.

Clausen, August P., Holstein, Iowa. Glass-cutting board. 2,146,883; Feb. 14.

Clausen, Carl H., Stockholm, Sweden. Fuel feeding means for internal combustion engines. 2,178,902; Nov. 7.

Clausen, Charles, assignor to Standard Forge Company, Detroit, Mich. Forging machine. 2,178,032; Oct. 31.

Clausen, Henry, et al., executor. (See Strauss, Joseph B., assignor.)

Clausen, Henry C., et al., executors. (See Strauss, Joseph B.)

Clausen, Henry C., executor, et al. (See Strauss, Joseph B., assignor.)

Clausen, Holger V., Bucaramanga, Colombia. Safety razor. 2,151,265; Mar. 21.

Clausen, Sigurd, Brooklyn, N. Y., assignor to International Cigar Machinery Company. Knurler unit for cigar machines. 2,151,898; Mar. 28.

Clausen, Sigurd, Brooklyn, N. Y., assignor to International Cigar Machinery Company. Safety device for cigar shapers. 2,172,834; Sept. 12.

Clausen, Sigurd, Brooklyn, N. Y., assignor to International Cigar Machinery Company. Tobacco article making machine. 2,176,487; Oct. 17.

Clausen, Sigurd, Brooklyn, N. Y., assignor to International Cigar Machinery Company. Machine for making cigar bunches. 2,177,623; Oct. 24.

Clausing, George, assignor to Vulcan Corporation, Portsmouth, Ohio. Copying lathe. 2,154,725; Apr. 18.

Clausing, George, assignor to Vulcan Corporation, Portsmouth, Ohio. Toe spring correction attachment for last lathes. 2,154,726; Apr. 18.

Clausing, George, Portsmouth, Ohio, Vulcan Corporation. Copying lathe. 2,183,134; Dec. 12.

Clauss, Julius A., Detroit, assignor to Great Lakes Steel Corporation, Ecorse, Mich. Bar joist. 2,147,965; Feb. 21.

Clave, Alfred O. (See Clave, Irene L. and A. O.)

Clave, Irene L. and A. O., St. Paul, Minn. Ice cream dispenser. 2,154,806; Apr. 18.

Claves, Joseph J., assignor of one-third to Mrs. L. Hartrick and one-third to A. Wilson, Detroit, Mich. Striking mechanism for clocks. 2,146,711; Feb. 14.

Clavier, André G., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Electron discharge tube. 2,164,905; July 4.

Clavier, Andre G., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. High frequency wave transmission system. 2,173,897; Sept. 26.

Clawson, Philip E., assignor of one-half to M. M. Lappe, Oak Park, Ill. Can discharge spout. 2,184,632; Dec. 26.

Claxton, Edmund, and H. Paschke, assignors to Armstrong Cork Company, Lancaster, Pa. Forming duplexed webs. 2,163,372; June 20.

Claxton, Edmund, C. C. Schrader, and H. G. Swarr, assignors to Armstrong Cork Company, Lancaster, Pa. Insulated structure and making the same. 2,179,542; Nov. 14.

Clay, Harry C., assignor to Reeves Pulley Company, Columbus, Ind. Belt splice. 2,179,813; Nov. 14.

Clay, John E., Berwick, Iowa. Snow plow. 2,171,056; Aug. 29.

Clay, Murray G., assignor to E. H. Scott, Chicago, Ill. Automatic noise suppressor. 2,172,922; Sept. 12.

Clay, Murray G., assignor to E. H. Scott, Chicago, Ill. Antenna coupler. 2,172,923; Sept. 12.

Clay, Roy T., Buffalo, N. Y., assignor to Curtiss-Wright Corporation. Vernier control. 2,182,961; Dec. 12.

Claypoole, Walter, Glenham, assignor to The Texas Company, New York, N. Y. Making metal covered gaskets. 2,164,764; July 4.

Clayson, Kenneth D., Cuba, N. Y. Radio program selector. 2,145,973; Feb. 7.

Clayton, Andrew B., Union, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,154,396; Apr. 11.

Clayton, Benjamin, Houston, Tex., assignor to Refining, Inc., Reno, Nev. Refining oil. 2,157,069; May 2.

Clayton, Benjamin, Houston, Tex., assignor to Refining, Inc., Reno, Nev. Making soap. 2,178,987; Nov. 7.

Clayton, Benjamin, Houston, Tex., assignor to Refining, Inc., Reno, Nev. Apparatus for making soap and the like. 2,178,988; Nov. 7.

Clayton, Benjamin, Houston, Tex., W. B. Kerrick, Los Angeles, H. M. Stadt, Glendale, Calif., and B. H. Thurman, Bronxville, N. Y., assignors to Refining, Inc., Reno, Nev. Refining apparatus. 2,150,797; Mar. 14.

Clayton, Benjamin, Houston, Tex., W. B. Kerrick, Los Angeles, and H. M. Stadt, Glendale, Calif., and B. H. Thurman, Bronxville, N. Y., assignors to Refining, Inc., Reno, Nev. Refining animal and vegetable oils. 2,182,755; Dec. 5.

Clayton, Edwin C., and L. L. Heffner, assignors to Wm. E. Hooper & Sons Company, Baltimore, Md. Fire, water, and mildew resisting compound and fabric. 2,172,698; Sept. 12.

Clayton, Edwin C., and L. L. Heffner, assignors to Wm. E. Hooper & Sons Company, Baltimore, Md. Fireproofing treatment and composition. 2,178,625; Nov. 7.

Clayton & Lambert Manufacturing Company. (See Lambert, Charles F., assignor.)

Clayton Manufacturing Company. (See Kerrick, Walter B., assignor.)

Clayton Manufacturing Company. (See Wheeler, Freeman Y., assignor.)

Clayton, Weaver R. (See Townend, R. V., and Clayton.)

Clayton, William B., Waco, Tex. Hydraulic vapor relief valve. 2,146,249; Feb. 7.

Claytor, Edward M. (See Fitzsimmons, J. T. Hartzell, and Claytor.)

Claytor, Edward M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Centrifugal switch. 2,143,102; Jan. 10.

Claytor, Edward M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Electrical system for wind driven generators. 2,148,804; Feb. 28.

Claytor, Edward M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Electrical generating system. 2,151,373; Mar. 21.

Claytor, Edward M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Engine starter. 2,151,954; Mar. 28.

Claytor, Edward M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Wind wheel generator. 2,178,679; Nov. 7.

Claytor, Edward M., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Voltage control system. 2,180,796; Nov. 21.

Cleaners Hanger Company. (See Ruen, Henry C., assignor.)

Cleaners Hanger Company. (See Simmons, H. M., and Ruen, assignors.)

Cleaners Hanger Company. (See Simmons, S., and McKeen, assignors.)

Cleary & Eide. (See Cleary, Frank P., assignor.)

Cleary, Frank P., assignor to Cleary & Eide, Los Angeles, Calif. Tent frame construction. 2,142,496; Jan. 3.

Cleesattel, Carlos G., Olivos, Argentina, assignor of one-third to H. C. Gollmer, New York, N. Y. Shoe for driving piles. 2,184,514; Dec. 26.

Cleghorn, William G., Claygate, assignor to Isaac Braithwaite & Son Engineers Limited, Kendal, England. Controlling the timing and sequence of operations in laundry machines and the like. 2,180,035; Nov. 14.

Clein, Elias. (See Mirel, Louis I., assignor.)

Clemence, Elliott I., Millburn, N. J. Electric lamp husk. 2,170,399; Aug. 22.

Clemence, Elliott I., Millburn, N. J. Separable light bulb husk. 2,172,347; Sept. 12.

Clemence, Le Roy W. (See Raiziss, G. W., and Clemence.)

Clemens, Harry W., Lebanon, Pa. Comb. 2,163,084; June 20.

Clemens, John A., Providence, R. I., assignor to Davol Rubber Company. Shipping and display container. 2,161,018; June 6.

Clemens, John F., Refugio, Tex. Cement mixer. 2,159,205; May 23.

Clement, Andrew W. (See Anderson, F. B., Clement, and Wilson.)

Clement, Frank M., Beloit, Wis., assignor, by mesne assignments, to Torsion Grip Manufacturing Co., Chicago, Ill. Electrical torsion contactor. 2,154,301; Apr. 11.

Clement, Frank M., Beloit, Wis., assignor to The Torsion Grip Manufacturing Company, Chicago, Ill. Torsion grip contact. 2,154,302; Apr. 11.

Clement, George H., Merchantville, N. J., and M. A. Squier, Narberth, Pa., assignors of one-third to said Clement, one-third to said Squier, and one-third to H. D. and H. Z. Marks. Window control unit. 2,154,229; Apr. 11.

Clements, Clarence F., San Francisco, Calif., assignor of twenty per cent to R. A. Garman and forty-five per cent to W. R. Garman. Drum brake. 2,179,543; Nov. 14.

Clements, Everett G., Washington, D. C. Motor compressor unit. 2,172,500; Sept. 12.

Clements, Frank O., R. H. Terry, and D. J. Henry, assignors to General Motors Corporation, Detroit, Mich. Making powdered iron. 2,164,198; June 27.

Clements, MacMillan, Schenectady, N. Y., assignor to Allegheny Ludlum Steel Corporation, Pittsburgh, Pa. Making a flanged panel. 2,149,882; Mar. 7.

Clements, Waldo J. (See Bolton, C. R., Lawrenson, Hargreaves, Clements, and Brown.)

Clements, Waldo J. (See Richards, S. H., and Clements.)

Clements, William A., Kettering, England. Spring support for vehicles. 2,148,014; Feb. 21.

Clementz, Clarence W. (See Bullock, J. W., and Clementz.)

Clemmer, Julius B., Rolla, Mo., and C. O. Anderson, Baxter Springs, Kans., assignors to Mahoning Mining Company, Youngstown, Ohio. Concentrating fluorspar ores. 2,168,762; Aug. 8.

Clemmons, Herbert D., assignor to Scovill Manufacturing Company, Sturgis, Mich. Ball cock. 2,146,794; Feb. 14.
Clemmons, Herbert D., assignor to Scovill Manufacturing Company, Sturgis, Mich. Siphonproof ball cock. 2,162,573; June 13.
Clemmons, Herbert D., assignor to Scovill Manufacturing Company, Sturgis, Mich. Vacuum breaking ball cock. 2,167,938; Aug. 1.
Clemons, Frederick E., Indianapolis, Ind. Independent wheel suspension. Re. 21,142; July 11.
Clemson Bros., Inc. (See Clemson, Richard D., assignor.)
Clemson, Richard D., assignor to Clemson Bros., Inc. Middletown, N. Y. Mower. 2,152,278; Mar. 28.
Clemson, Richard D., assignor to Clemson Bros., Inc., Middletown, N. Y. Shearing device. 2,183,544; Dec. 19.
Clemson, Richard D., assignor to Clemson Bros., Inc., Middletown, N. Y. Mower. 2,183,545; Dec. 19.
Clench, Edward C. S., Leamington Spa, assignor to Automotive Products Company Limited, London, England. Liquid pressure remote control system. 2,155,529; Apr. 25.
Clench, Edward C. S., Leamington Spa, assignor to Automotive Products Company Limited, London, England. Automatic adjusting means for brakes. 2,173,577; Sept. 19.
Clench, Edward C. S., Leamington Spa, assignor to Automotive Products Company Limited, London, England. Controlling valve for liquid pressure control systems. 2,184,793; Dec. 26.
Clendenin, Glenn S., assignor of one-half to L. S. Mudge, Pittsburgh, Pa. Propeller shaft for automobiles. 2,142,497; Jan. 3.
Cleophas, Clara M., Beloit, Wis. Shirt blocking device. 2,170,126; Aug. 22.
Clergy, Henry, administrator. (See Clergy, Louis.)
Clergy, Louis, deceased, Des Moines, Iowa; H. Clergy, administrator. Engine stand. 2,182,743; Dec. 5.
Clerk, Robert C. (See Sinclair, H., and Clerk.)
Clerk, Robert C., Egham, assignor to Hydraulic Coupling Patents Limited, London, England. Gear changing means for motor vehicles. 2,173,036; Sept. 12.
Cleveland Automatic Machine Company, The. (See Gross, W. E., and Jelinek, assignors.)
Cleveland Automatic Machine Company, The. (See Jelinek, A. F., and Gross, assignors.)
Cleveland Cooperative Stove Company, The. (See Schroeder, L. R., and Cichoski, assignors.)
Cleveland Co-Operative Stove Company, The. (See Taylor, Thomas E., assignor.)
Cleveland Crane & Engineering Company, The. (See Rosenthal, Morris G., assignor.)
Cleveland Crane & Engineering Company, The. (See Wehr, William G., assignor.)
Cleveland, Dorothy B., Los Angeles, Calif. Garment. 2,169,759; Aug. 15.
Cleveland, Emmett G., Raymond, Wash. Random length bundle trimmer. 2,160,307; May 30.
Cleveland, Ephraim W., Berea, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Shock absorber. 2,163,459; June 20.
Cleveland, Ephraim W., Berea, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Airplane strut. 2,174,312; Sept. 26.
Cleveland Formgrader Company, The. (See Tullis, Jasper G., assignor.)
Cleveland Gas Meter Company, The. (See Knight, William H., Jr., assignor.)
Cleveland Graphite Bronze Company, The. (See Fies, Herbert W., assignor.)
Cleveland Graphite Bronze Company, The. (See Palm, John V. O., assignor.)
Cleveland Graphite Bronze Company, The. (See Swartz, Carl E., assignor.)
Cleveland Graphite Bronze Company, The. (See Thompson, Tom H., assignor.)
Cleveland Heater Company, The. (See Bell, William D., assignor.)
Cleveland, Henry B., New York, N. Y. Process and apparatus for dewatering materials. 2,149,252; Mar. 7.
Cleveland, Henry B., New York, N. Y. Centrifugal method and apparatus therefor. 2,159,732; May 23.
Cleveland Hobbing Machine Company, The. (See Staples, O. E., and Carlin, assignors.)
Cleveland Pneumatic Tool Company, The. (See Cleveland, Ephraim W., assignor.)
Cleveland Pneumatic Tool Company, The. (See De Mooy, John, assignor.)
Cleveland Pneumatic Tool Company, The. (See Rosenberry, Homer R., assignor.)
Cleveland Pneumatic Tool Company, The. (See Van Sittert, Paul, assignor.)
Cleveland Punch & Shear Works Company, The. (See Treer, Ross B., assignor.)
Cleveland Rock Drill Company, The. (See Curtis, John C., assignor.)
Cleveland Rock Drill Company, The. (See Feucht, Albert, assignor.)
Cleveland Rock Drill Company, The. (See Renfer, John E., assignor.)
Cleveland Rock Drill Company, The. (See Richardson, Led L., assignor.)
Cleveland Rock Drill Company, The. (See Smith, William A., Jr., assignor.)
Cleveland Twist Drill Company, The. (See Emmons, Joseph V., assignor.)
Cleveland Shopping News Company, The. (See Barker, Lorenzo T., assignor.)
Cleveland Shopping News Company, The. (See Hamlin, Walter E., assignor.)
Cleveland Steel Products Corp. (See Beckett, Reginald W., assignor.)
Cleveland Steel Products Corporation. (See Smith, W. J., and Slaght, assignors.)
Cleveland Welding Company, The. (See Jonas, Stephen P., assignor.)
Cleveland Welding Company, The. (See Kranz, Harry W., assignor.)
Cleveland Welding Company, The. (See Mueller, Homer L., assignor.)
Cleveland Welding Company, The. (See Singer, John M., assignor.)
Cleveland Worm and Gear Company, The. (See Acker, George H., assignor.)
Clewell, John H., Arlington, N. J., and F. H. McCormick, assignors to Du Pont Film Manufacturing Corporation, Wilmington, Del. Numbered motion picture film. 2,173,505; Sept. 19.
Clickner, Earle D. (See Balz, W. G., and Clickner.)
Clickner, Forest H., assignor to Kraft-Phenix Cheese Corporation, Chicago, Ill. Producing dry casein. 2,142,093; Jan. 3.
Clifcorn, La Verne E. (See Hart, E. B., Griem, and Clifcorn.)
Cliffe, Wilfrid H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of new azo dyestuffs. 2,184,515; Dec. 26.
Clifford, Albert M. (See Sebrell, L. B., and Clifford.)
Clifford, Albert M., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Age resistor. 2,153,956; Apr. 11.
Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,158,019; May 9.
Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Concentration of latex. 2,161,455; June 6.
Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Age resistor. 2,165,960; July 11.
Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Deterioration inhibitor. 2,173,711; Sept. 19.
Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,175,792; Oct. 10.
Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Antioxidants. 2,178,536; Nov. 7.
Clifford, Albert M., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Antioxidant. 2,180,666; Nov. 21.
Clifford, George M., assignor to Textile Manufacturing Company, Westfield, Mass. Casket handle. 2,163,830; June 27.
Clifford, Roger W., Schenectady, assignor to American Locomotive Company, New York, N. Y. Steam engine valve. 2,145,293; Jan. 31.
Climalene Company, The. (See Crites, Bert O., assignor.)
Climax Molybdenum Company. (See Linz, A., and Coffer, assignors.)
Cline, Allan J. (See McCleery, Harold L., assignor.)
Cline, Delbert C., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Viscosimeter. 2,154,376; Apr. 11.
Cline, Earl E. (See Larry, T. A., and Cline.)
Cline, Earl E. (See Larry, T. A., Cline, and Hawkins.)
Cline, Earl E., assignor to Mueller Co., Decatur, Ill. Breakable stem for fire hydrants. 2,171,078; Aug. 29.
Cline, Earl E., assignor to Mueller Co., Decatur, Ill. Breakable hydrant stem. 2,178,929; Nov. 7.
Cline, Joseph K. (See Major, R. T., and Cline.)
Clinton Company. (See Barnard, T. H., and Stern, assignors.)
Clinton Company. (See Wagner, R. C., and Stern, assignors.)
Clipshave Inc. (See Hanley, John A., assignor.)
Clitherow, William B., St. Helens, England, assignor to The American Securit Company, Washington, D. C. Apparatus for tempering glass. 2,151,266; Mar. 21.
Cloer, Hobson J., Fort Worth, Tex., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Sequence selector for automatic phonographs. 2,178,886; Nov. 7.
Clopay Corporation. (See Johnson, Samuel J., assignor.)
Clorax Chemical Co. (See Barton, Larry J., assignor.)
Close, Oscar T. (See Smith, D. F., and Close.)
Closmann, Adolf. (See Müller, W., and Closmann.)
Closson, Bruce H. (See Closson, Donald L. and B. H.)
Closson, Donald L. and B. H., Benton Harbor, Mich. Safety switch. 2,156,946; May 2.
Clothier, Fred M., Jr., Lansdowne, and H. W. Field, Glen Mills, assignors to The Atlantic Refining Company, Philadelphia, Pa. Polymerization of hydrocarbon gases. 2,166,129; July 18.

Clothier, Stewart L., Irvington, and H. C. Hogencamp, Maplewood, assignors to Kolorama Laboratories, Inc., Newark, N. J. Television method and apparatus. 2,163,537; June 20.
Clothier, Stewart L., Irvington, and H. C. Hogencamp, Maplewood, assignors to Kolorama Laboratories, Inc., Newark, N. J. Television apparatus. 2,163,538; June 20.
Clothier, Stewart L., Irvington, and H. C. Hogencamp, Maplewood, assignors to Kolorama Laboratories, Inc., Newark, N. J. Motion picture film scanning. 2,163,539; June 20.
Clothier, Stewart L., Irvington, and H. C. Hogencamp, Maplewood, assignors to Kolorama Laboratories, Inc., Newark, N. J. Method and apparatus for television scanning. 2,163,540; June 20.
Clothier, Stewart L., Irvington, and H. C. Hogencamp, Maplewood, assignors to Kolorama Laboratories, Inc., Newark, N. J. Method of and apparatus for interlaced scanning. 2,163,541; June 20.
Clothier, Stewart L., Irvington, and H. C. Hogencamp, Maplewood, assignors to Kolorama Laboratories, Inc., Newark, N. J. Synchronizing method and apparatus. 2,163,542; June 20.
Clothier, Stewart L., Irvington, and H. C. Hogencamp, Maplewood, assignors to Kolorama Laboratories, Inc., Newark, N. J. Method and apparatus for scanning motion picture film. 2,163,543; June 20.
Clothier, Stewart L., Irvington, and H. C. Hogencamp, Maplewood, assignors to Kolorama Laboratories, Inc., Newark, N. J. Film scanning apparatus and method. 2,163,544; June 20.
Clothier, Stewart L., Irvington, and H. C. Hogencamp, Maplewood, assignors to Kolorama Laboratories, Inc., Newark, N. J. Apparatus and method for television transmission. 2,163,545; June 20.
Clothier, Stewart L., Irvington, and H. C. Hogencamp, Maplewood, assignors to Kolorama Laboratories, Inc., Newark, N. J. Apparatus and methods for television reception. 2,163,546; June 20.
Clothier, Stewart L., Irvington, and H. C. Hogencamp, Maplewood, assignors to Kolorama Laboratories, Inc., Newark, N. J. Television scanning system. 2,163,547; June 20.
Clothier, Stewart L., Irvington, and H. C. Hogencamp, Maplewood, assignors to Kolorama Laboratories, Inc., Newark, N. J. System for television scanning. 2,163,548; June 20.
Clothier, Stewart L., East Orange, and H. C. Hogencamp, Irvington, assignors to Kolorama Laboratories, Inc., Newark, N. J. Light modulating cell and electrode therefor. 2,163,549; June 20.
Clothier, Stewart L., East Orange, and H. C. Hogencamp, Irvington, assignors to Kolorama Laboratories, Inc., Newark, N. J. Multiple cell light modulator. 2,163,550; June 20.
Clothier, Stewart L., East Orange, and H. C. Hogencamp, Irvington, assignors to Kolorama Laboratories, Inc., Newark, N. J. Kerr cell electrode. 2,163,551; June 20.
Cloud, Claude C., Chicago, Ill. Novelty. 2,148,290; Feb. 21.
Cloud, Earl L., Pampa, Tex. Air cleaner. 2,168,472; Aug. 8.
Cloud, William S., Wilmette, Ill. Method and apparatus for forming paper packages. 2,180,338; Nov. 21.
Clough, Maynard F. (See Hansen, L. A., and Clough.)
Clough, Newsome H. (See Green, E., and Clough.)
Clough, Newsome H., Brentwood, England, assignor to Radio Corporation of America. Radio signaling system. 2,154,492; Apr. 18.
Clough, Newsome H., Brentwood, England, assignor to Radio Corporation of America. Thermionic valve circuit arrangement. 2,172,730; Sept. 12.
Clough, Newsome H., Brentwood, England, assignor to Radio Corporation of America. Rectifier circuit arrangement. 2,176,210; Oct. 17.
Clough, Newsome H., London, England, assignor to Radio Corporation of America. Control apparatus for radio-beacon systems. 2,157,690; May 9.
Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Clutch. 2,143,861; Jan. 17.
Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Control mechanism for forging machines. 2,149,044; Feb. 28.
Clouse, William L., assignor to The National Machinery Company, Tiffin, Ohio. Press construction. 2,175,742; Oct. 10.
Cloutier, Arthur N. (See Lawson, R. H., and Cloutier.)
Cloutier, Arthur N. (See Lawson, R. H., Green, and Cloutier.)
Clow, Alfred C., Greenwich, London, assignor to N. Phillips, Emmer Green, near Reading, England. Securing of rail-chairs to sleepers. 2,162,604; June 13.
Clow, John B., Denver, Colo. Florist's package. 2,176,955; Oct. 24.
Clow, Roy, Ann Arbor, Mich. Culinary implement. 2,149,910; Mar. 7.
Cluett, Peabody & Co. (See Blue, Sidney D., assignor.)
Cluett, Peabody & Co. (See Kennedy, R. O., and Ziegler, assignors.)
Cluett, Peabody & Co. Inc. (See Wrigley, J. H., and Melville, assignors.)
Cluett, Peabody & Co. Inc. (See Ziegler, R. A., and Ferguson, assignors.)
Clugston, Walter S., Cambridge City, Ind. Crushing device. 2,174,735; Oct. 3.
Clum Manufacturing Company. (See Winning, Robert K., assignor.)
Clurman, Albert W., et al. (See Adler, Solomon, assignor.)
Clurman, Will N., et al. (See Adler, Solomon, assignor.)
Clutsom, Charles, St. Michaels, Ashby-de-la-Zouch, England. Selvedged woven fabric. 2,144,912; Jan. 24.
Clyne, James B., assignor to L. B. Grannis, Chicago, Ill. Vaporizer. 2,152,466; Mar. 28.
Clyne, James B., assignor to A. G. Apple, Chicago, Ill. Pipe filter. 2,165,537; July 11.
Clyde Paper Company, et al. (See Inglis, John, assignor.)
Clyne, Robert W. (See Peycke, A. H., Clyne, and Baselt.)
Coach & Car Equipment Company. (See Owler, Thomas D., assignor.)
Coan, Nicholas C., Houston, Tex. Rice canning process. 2,161,119; June 6.
Coanda, Henri, Clichy, France. Silencer for engines. 2,173,549; Sept. 19.
Coanda, Henri, Clichy, France. Exhaust of gases from engines. 2,173,550; Sept. 19.
Coanda, Henri, Clichy, France, assignor to Société Anonyme d'Etudes des Brevets et Procédés Coanda-Société Coanda. Propelling device. 2,157,281; May 9.
Coanda, Henri, Clichy, France, assignor to Société Anonyme d'Etudes des Brevets et Procédés Coanda-Societe Coanda. Device for rendering visible invisible rays. 2,158,405; May 16.
Coates, Fielding C., assignor to Mole-Richardson Co., Los Angeles, Calif. Arc lamp and control circuit therefor. 2,151,745; Mar. 28.
Coates, Fielding C., assignor to Mole-Richardson Co., Los Angeles, Calif. Electrode release for arc lamps. 2,174,736; Oct. 3.
Coates, Fielding C., assignor to Mole-Richardson Co., Los Angeles, Calif. Electrode release for arc lamps. 2,179,776; Nov. 14.
Coates, Fielding C., assignor to Mole-Richardson Co., Los Angeles, Calif. Control for arc lamps. 2,181,174; Nov. 28.
Coates, Fielding C., and H. S. Fowler, assignors to Mole-Richardson Co., Los Angeles, Calif. Electrode release attachment for arc lamps. 2,165,697; July 11.
Coates, Frank, assignor of one-half to J. J. Beadle, Corydon, Iowa. Snow plow. 2,166,424; July 18.
Coates, Joseph S., Goshen, N. Y. Internal combustion engine. 2,183,116; Dec. 12.
Coates, Neligh C., Kansas City, Mo. Tile cutting machine. 2,171,024; Aug. 29.
Coates, Raymond, Port Allen, assignor of one-half to J. G. Dubois, Baton Rouge, La. Violin peg. 2,173,800; Sept. 19.
Coats, George F., Tillamook, Oreg. Logging device. 2,178,470; Oct. 31.
Coats, Ray E., Lewistown, Ill. Bicycle lock. 2,149,761; Mar. 7.
Coban, Harold, New York, N. Y. Hand grenade. 2,184,284; Dec. 26.
Cobb, Collier, Jr., et al. (See McCauley, John W., assignor.)
Cobb, Fannie M., Smyrna, Ga. Baby chair. 2,168,513; Aug. 8.
Cobb, Frank E., assignor to L. W. Krueger, Jr., trustee, St. Louis, Mo. Refrigerating system. 2,144,794; Jan. 24.
Cobb, John L. (See Flynn, M. B., and Cobb.)
Cobb, Leland D. (See Brouwer, R. D., Delaval-crow, and Cobb.)
Cobb, Louis R., Hopkinsville, Ky. Shutter for motion picture machines. 2,184,710; Dec. 26.
Cobbett, Leonard, assignor to The Foxboro Company, Foxboro, Mass. Switch. 2,184,611; Dec. 26.
Cobble, Owen. (See Spitz, R. A., Visovatti, and Cobble.)
Cobbley, Charles J., Pleasant Grove, and J. R. Bone, Lehi, assignor to Utah-Idaho Sugar Company, Salt Lake City, Utah. Seed planting mechanism for agricultural implements. 2,174,120; Sept. 26.
Cobbs, Hamilton Company. (See Hopkins, Horner H., assignor.)
Coberly, Clarence J., Los Angeles, Calif., assignor to Roko Corporation, Reno, Nev. Fluid-operated pump piston device. 2,147,766; Feb. 21.
Coberly, Clarence J., Los Angeles, Calif., assignor to Roko Corporation, Reno, Nev. Fluid operated pump. 2,154,727; Apr. 18.
Coberly, Clarence J., Los Angeles, assignor to Roko Corporation, Reno, Nev. Apparatus for deep well pumping. 2,172,636; Sept. 12.
Coberly, Clarence J., Los Angeles, Calif., assignor to Roko Corporation, Reno, Nev. Apparatus for introducing fluid into a deep well pump. 2,179,480; Nov. 14.
Coberly, Clarence J., Los Angeles, Calif., assignor to Roko Corporation, Reno, Nev. Pump inlet means. 2,179,481; Nov. 14.
Coberly, Clarence J., Los Angeles, Calif., assignor to Roko Corporation, Reno, Nev. Pulsometer gas anchor and operating. 2,179,482; Nov. 14.
Coberly, Clarence J., Los Angeles, Calif., assignor to Roko Corporation, Reno, Nev. Method and apparatus for controlling fluid operated pumps. 2,180,400; Nov. 21.

Cobert, Joseph K., Sherbrooke, Quebec, Canada. Producing a stocking. 2,184,937; Dec. 26.
Cobi, Walter H., New York, N. Y. Making reinforced hollow slabs. 2,153,741; Apr. 11.
Cobi, Walter H., New York, N. Y. Collapsible core. 2,170,188; Aug. 22.
Coble, Earl W., Burton, Ohio. Holding means for folding chairs. 2,182,516; Dec. 5.
Coble, Lucian G., Greensboro, N. C. Dental instrument. 2,153,710; Apr. 11.
Coca-Cola Company. (See Morin, Louis H., assignor.)
Cochran, Drayton, New York, assignor to Alexander Smith & Sons Carpet Company, Yonkers, N. Y. Sewing-machine shears. 2,149,239; Feb. 28.
Cochran, Harry D., and J. L. Smith, New Castle, Pa. Speed control for combustion engines. 2,167,293; July 25.
Cochran, Paul B., Parlin, N. J., M. V. Hitt, Wilmington, Del., and L. Van Taylor, Raritan Township, Middlesex County, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of regenerated cellulose. 2,150,205; Mar. 14.
Cochran, Theodore R., Glen Ellyn, assignor to A. B. Dick Company, Chicago, Ill. Method of copying and moistening liquid for use in said method. 2,144,104; Jan. 17.
Cochrane Corporation. (See Joos, Charles E., assignor.)
Cochrane Corporation. (See Kittredge, A. E., and Rohlin, assignors.)
Cochrane Corporation. (See Rohlin, V. A., and Joos, assignors.)
Cockburn, Horton C. (See Birnbaum, August K., assignor.)
Cocker Machine and Foundry Company. (See Whitener, E. K., and Suggs, assignors.)
Cockerell, Christopher S., Danbury, Conn., assignor to Radio Corporation of America. Carrier wave modulator arrangement. 2,161,851; June 13.
Cockerham, Luther M., Elkin, N. C. Furnace door structure. 2,180,797; Nov. 21.
Cockley, Neel I. (See MacConville, J. E., Cockley, and Whitten.)
Cockrell, William D., Schenectady, N. Y., assignor to General Electric Company. Electric control circuit. 2,175,017; Oct. 3.
Cockshutt Plow Company Limited. (See Harbolt, Curtis L., assignor.)
Coddington, Howard O., assignor to Andrews Company, Spartanburg, S. C. Heddle construction. 2,182,914; Dec. 12.
Coddington, Lloyd, assignor to Continental Machine Specialties, Inc., Minneapolis, Minn. Variable speed transmission mechanism. 2,151,189; Mar. 21.
Codling, Eldred P., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,184,285; Dec. 26.
Cody, Clifford S., East Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Compressor valve structure. 2,151,746; Mar. 28.
Coe, Allan R., assignor to The Carlyle Johnson Machine Co., Manchester, Conn. Removable locking device. 2,166,130; July 18.
Coe, Frank S. (See Curtis, L. F., and Coe.)
Coe, Frank S., assignor to American Bosch Corporation, Springfield, Mass. Radio tuning device. 2,156,677; May 2.
Coe, John S., assignor to The Chase Companies, Incorporated, Waterbury, Conn. Apparatus for producing branch fittings. 2,149,508; Mar. 7.
Coe Laboratories, Inc. (See Franzwa, Charles F., assignor.)
Coe, Mayne R., Washington, D. C. Tobacco product and obtaining the same. 2,158,610; May 16.
Coe, Mayne R., Washington, D. C. Curing plant foliage. 2,164,030; June 27.
Coe, Mayne R., Washington, D. C. Increasing the drying properties of oil. 2,165,130; July 4.
Coe, Thomas H., Jr., Worcester, Mass. Wall construction for buildings. 2,148,436; Feb. 28.
Coen, Jesse L., Bluefield, W. Va. Desk stand. 2,156,276; May 2.
Coeterier, Frederik, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electron discharge device. 2,163,270; June 20.
Coeterier, Frederik, and M. C. Teves, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Optical image reproducer. 2,153,614; Apr. 11.
Coey, Stewart C. (See Scott, L. N., and Coey.)
Coey, Stewart C., Glen Ridge, N. J. Cooling tower. 2,157,070; May 2.
Coey, Stewart C., Glen Ridge, N. J., assignor to Research Corporation, New York, N. Y. Air conditioning. 2,162,158; June 13.
Coffarom Aktiengesellschaft. (See Freudl, Eligius, assignor.)
Coffee Electrost Corporation. (See Adams, D. W., and Schuhmann, assignors.)
Coffee, Henry J. (See Briles, Larkin, assignor.)
Coffee, Joseph E. (See Shive, R. A., Coffee, and Kienle.)
Coffee Products Corporation. (See Kappenberg, William, assignor.)
Coffee Products Corporation. (See Wendt, G. L., and Fronmuller, assignors.)
Coffee-et, Inc. (See Foltz, Jefferson E., assignor.)
Coffeen, John M., New York, N. Y. Snap switch. 2,174,868; Oct. 3.
Coffelt, Norman, Glen Burnie, and Sterling P. Buck, Baltimore, Md., assignors of two-thirds to said Coffelt and one-third to said Buck. Combined cigarette holder, smoker, and ash-retainer. 2,177,636; Oct. 31.
Coffer, Lynn W. (See Linz, A., and Coffer.)
Coffey, Elmer W., La Grange, Ill. Drafting triangle. 2,149,422; Mar. 7.
Coffey, Irven E., assignor to Carter Carburetor Corporation, St. Louis, Mo. Choke control mechanism for carburetors. 2,144,362; Jan. 17.
Coffey, Irven E., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor throttle control. 2,148,729; Feb. 28.
Coffey, Irven E., assignor to Carter Carburetor Corporation, St. Louis, Mo. Electric circuit interrupter. 2,166,901; July 18.
Coffey, Irven E., St. Louis, assignor to G. R. Ericson, Kirkwood, Mo. Automatic starting device. 2,174,313; Sept. 26.
Coffin, Everett D., et al. (See Fairbank, Franklin N., assignor.)
Coffin, John E., Maplewood, and S. J. Haggan, North Arlington, assignors to Electric Arc Cutting & Welding Company, Newark, N. J. Covering elongated articles. 2,147,281; Feb. 14.
Coffin, Richard H. (See Smith, Charles E., assignor.)
Coffing, Fred W., et al. (See Perry, John R., assignor.)
Coffing, Frederick W., Danville, Ill. Chain hoist extension jack. 2,145,646; Jan. 31.
Coffing, Frederick W., Danville, Ill. Free-chain planetary hoist. 2,150,419; Mar. 14.
Coffing, Frederick W., Danville, Ill. Can washing apparatus. 2,161,613; June 6.
Coffing Hoist Co. (See Perry, John R.)
Coffman, Donald D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymeric material. 2,177,637; Oct. 31.
Coffman, Roscoe A., Pittsburgh, Pa. Device for discharging explosive or combustible charges. 2,164,700; July 4.
Coffman, Roscoe A., Pittsburgh, Pa. Priming system for internal combustion engines. 2,175,743; Oct. 10.
Coffman, Samuel M., Kansas City, Mo. Brake holding and releasing means. 2,160,126; May 30.
Coggans, Joseph, Glasgow, Scotland. Hair curler. 2,167,446; July 25.
Coggeshall, George W., Yarmouth, Maine, assignor to S. D. Warren Company, Boston, Mass. Paper carrier sheet for tacky rubber and making same. 2,173,097; Sept. 19.
Coghill, Robert D., New Haven, Conn., assignor to Parke, Davis & Company, Detroit, Mich. Modified protein and producing the same. 2,165,837; July 11.
Cogsdill, Stuart A., assignor to Cogsdill Twist Drill Co., Detroit, Mich. Making oil hole drills. 2,148,805; Feb. 28.
Cogsdill, Stuart A., assignor to Cogsdill Twist Drill Company, Inc., Detroit, Mich. Bearingizing tool. 2,170,631; Aug. 22.
Cogsdill Twist Drill Company. (See Cogsdill, Stuart A., assignor.)
Cohen, Abraham, Brooklyn, R. H. T. Morgan, West Nyack, and J. Goldstein, Flushing, assignors to Beer Control Systems, Inc., New York, N. Y. Fluid dispensing system. 2,178,559; Nov. 7.
Cohen, Albert I., Chicago, Ill., now by judicial change of name Albert I. Kegan. Dry-sealing container. 2,168,873; Aug. 8.
Cohen, Alvin H., assignor of one-half to F. L. Katz, New York, N. Y. Garment-ventilating means. 2,181,175; Nov. 28.
Cohen, Berry, et al. (See Raines, Eugene, assignor.)
Cohen, David C., et al. (See Trojan, José, assignor.)
Cohen, Harry. (See Weiskopf, Edwin C., assignor.)
Cohen, Harry, assignor to The Perfection Steel Body Company, Galion, Ohio. Stake body for vehicles. 2,164,448; July 4.
Cohen, Harold F., Brooklyn, N. Y. Sample card. 2,178,067; Oct. 31.
Cohan, Henry, and H. Seidman, Brooklyn, assignors to Seidman & Cohan, Inc., New York, N. Y. Bracelet catch. 2,148,534; Feb. 28.
Cohen, Hyman E., Brooklyn, assignor to New York Pressing Iron Co. Inc., New York, N. Y. Pressing machine clamp. 2,182,199; Dec. 5.
Cohen, Jacob, assignor of fifty per cent to A. Mosen, New York, N. Y. Garment. 2,157,784; May 9.
Cohen, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Windshield heater. 2,158,674; May 16.
Cohen, Joseph H., assignor to Casco Products Corporation, Bridgeport, Conn. Combined rheostat and switch. 2,179,686; Nov. 14.
Cohen, Joseph H., assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,184,694; Dec. 26.
Cohen, Joseph H., Bridgeport, and J. Youhouse, Fairfield, assignors to Casco Products Corporation, Bridgeport, Conn. Electric motor. 2,181,418; Nov. 28.
Cohen, Louis, Jr., Pittsburgh, Pa. Mattress cover. 2,179,175; Nov. 7.
Cohen, Myrtle M., Los Angeles, Calif. Convertible dishcloth and scraper. 2,179,614; Nov. 14.

Cohen, Samuel, Brooklyn, N. Y. Variable condenser. 2,156,449; May 2.
Cohen, Simon D., et al. (See Seaman, David J., assignor.)
Cohen, Theodore, Bronx, N. Y. Antisoil protector for men's collars. 2,182,582; Dec. 5.
Cohen, Theodore A., Chicago, Ill., assignor to Wheelco Vacuum Products Company. Wheatstone bridge relay arrangement. 2,164,701; July 4.
Cohn, Barnard, and L. A. Swarthe, New York, N. Y. Vegetable cutter. 2,166,624; July 18.
Cohn, Byron E., Denver, Colo. Joining glass to porous ceramic material by weld. 2,149,133; Feb. 28.
Cohn, David. (See De Cesare, M., and Cohn.)
Cohn, Irwin E., New York, N. Y. Target-optical-projection practice gun. 2,169,832; Aug. 15.
Cohn, Martin, Berlin-Friedenau, Germany. Apparatus for the manufacturing of flakes. 2,144,911; Jan. 24.
Cohn, Martin, Berlin-Friedenau, Germany. Treating seeds for the production of food. 2,172,699; Sept. 12.
Cohn, Norman, New Rochelle, N. Y. Hosiery. 2,154,124; Apr. 11.
Cohn, Norman, New Rochelle, N. Y. Sock. 2,157,399; May 9.
Cohn & Rosenberger, Inc. (See Paris, Elliot J., assignor.)
Cohn & Rosenberger, Inc. (See Toth, Geiza B. K., assignor.)
Cohn, Samuel, New York, and J. G. Walter, Ridgewood assignors to Samcoe Holding Corporation, New York N. Y. Apparatus for synchronizing machines for handling tubular fabric. 2,171,741; Sept. 5.
Cohn, Willi M., Berkeley, Calif. Color-grading system. 2,169,355; Aug. 15.
Cohoe, Eleanor R., Riverdale-on-Hudson, N. Y. Producing decorative material. 2,176,019; Oct. 10.
Cohoe, Wallace P., Riverdale-on-Hudson, N. Y. Apparatus for treating materials. 2,170,678; Aug. 22.
Coil, Grover C., Dayton, Ohio, assignor to Central National Bank of Cleveland, trustee. Register. 2,153,881; Apr. 11.
Coil, Grover C., Dayton, assignor, by mesne assignments, to Central National Bank of Cleveland, Cleveland, Ohio. Register locking mechanism. 2,162,605; June 13.
Coil Piston Ring Company of America, et al. (See Hagen, Rudolf A., assignor.)
Coke, Hugh W., Juneau. Apparatus for flotation concentration of ores. 2,184,115; Dec. 19.
Colberg, Henry J., Glendale, Long Island, N. Y. Safety device for extension ladders. 2,164,575; July 4.
Colbert, Charles C., Elkhart, Ind. Ice skate walking appliance. 2,155,472; Apr. 25.
Colbert, Clarence L., Elizabeth, N. J., assignor, by mesne assignments, to Empire Trust Company, New York, N. Y., trustee. Roofing granule and method of making. 2,170,445; Aug. 22.
Colbeth, Ivor M., East Orange, assignor to The Baker Castor Oil Company, Bayonne, N. J. Fluid composition. 2,168,325; Aug. 8.
Colbeth, Ivor M., East Orange, N. J., assignor to The Baker Castor Oil Company, New York, N. Y. Coating and impregnating process and product. 2,172,955; Sept. 12.
Colbeth, Ivor M., East Orange, N. J., assignor to Baker Castor Oil Company, New York, N. Y. Treating liquids. 2,183,486; Dec. 12.
Colbeth, Ivor M., East Orange, N. J., assignor to The Baker Castor Oil Company, New York, N. Y. Breaking emulsions. 2,183,487; Dec. 12.
Colbree, Chester R., Bridgeport, Conn., assignor to General Electric Company. Insulated conductor. 2,166,796; July 18.
Colburn, Bearl E., Green Bay, Wis., assignor to Paper Dispensers, Inc., Chicago, Ill. Paper dispenser. 2,149,276; Mar. 7.
Colburn Engineering Corporation. (See Colburn, Herbert C., assignor.)
Colburn, Herbert C., South Pasadena, assignor to Colburn Engineering Corporation, Santa Monica, Calif. Internal combustion engine. 2,160,380; May 30.
Colby, Allan B., Lancaster Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Bottle closure sealing band. 2,151,689; Mar. 28.
Colby, Allan B., Lancaster Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Bottle closure sealing band. 2,151,690; Mar. 28.
Colby, Joseph M., Fort Benning, Ga. Steering mechanism for self-propelled vehicles. 2,159,983; May 30.
Colby, Mark R., Seattle, Wash., O. D. Colvin, Oconomowoc, Wis., and W. H. Hahne, New York, N. Y.; said Colvin and said Hahne assignors to said Colby as trustee. Method of and apparatus for preventing damage to cargo in cargo compartments. 2,160,831; June 6.
Cold Chest Holding Company. (See Banke, Marcel, assignor.)
Cold Metal Process Company, The. (See Goss, Norman P., assignor.)
Cold Metal Process Company, The. (See Lamb, Howard S., assignor.)
Cold Metal Process Company, The. (See McBain, William C., assignor.)
Cold Pack Container, Inc. (See Roach, J. E., and Lohman, assignors.)
Cole, Amos N., and A. L. Tannehill, Gary, Ind. Purification of gases. 2,162,838; June 20.
Cole, Arthur D., Minneapolis, Minn. Damper control. 2,164,607; July 4.
Cole, Cherie. (See Cole, Taylor, assignor.)
Cole, Edward N., assignor to General Motors Corporation, Detroit, Mich. Propeller shaft support vibration damper. 2,162,159; June 13.
Cole, Edward N., and C. F. Arnold, assignors to General Motors Corporation, Detroit, Mich. Vibration damper. 2,142,178; Jan. 3.
Cole, Edwin Q, Belmont, Mass. Air conditioning apparatus. 2,182,690; Dec. 5.
Cole Electric Products Co. Inc. (See Cole, L. W., and Smith, assignors.)
Cole, Elza F., Warren, assignor to The Deister Concentrator Company, Fort Wayne, Ind. Producing compound motion. 2,171,355; Aug. 29.
Cole, Emmett R., Akron, Ind. Steam boiler. 2,175,281; Oct. 10.
Cole, Eugene M., Charlotte, N. C. Side dressing apparatus for planters. 2,167,023; July 25.
Cole, Frank A., Pittsburgh, Pa. Clutch. 2,143,300; Jan. 10.
Cole, Fred H., Glendale, Calif., assignor, by mesne assignments, to General Electric Company. Apparatus for interrupting an electric circuit. 2,156,450; May 2.
Cole, Fred H., Glendale, Calif., assignor, by mesne assignments, to General Electric Company. Switching mechanism. 2,156,663; May 2.
Cole, Fred H., Glendale, Calif., assignor, by mesne assignments, to General Electric Company. Yielding contact unit. 2,175,878; Oct. 10.
Cole, Frederick H. (See Chapman, Jesse T., assignor.)
Cole, Guerney H., and R. L. Davidson, assignors to The American Rolling Mill Company, Middletown, Ohio. Producing magnetic materials. 2,158,065; May 16.
Cole, Harold C. (See Flamm, Alexander L., assignor.)
Cole, Harry E., assignor to J. T. Johnson, Akron, Ohio. Folding box. 2,169,065; Aug. 8.
Cole, Herbert, New York, N. Y. Printing machine. 2,153,325; Apr. 4.
Cole, Howard A. (See McMillan, W. A., and Cole.)
Cole, James R., assignor to A. Trottnow, Tulsa, Okla., in trust. Stuffing box and packing therefor. 2,142,179; Jan. 3.
Cole, John E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuff pastes and applying the same. 2,147,635; Feb. 21.
Cole, John E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing aryl mercaptans. 2,148,106; Feb. 21.
Cole, John E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vat dye compositions. 2,173,506; Sept. 19.
Cole, John M., et al. (See Calafati, Salvator S., assignor.)
Cole, Joseph, Whiting, Ind., assignor to Sinclair Refining Company, New York, N. Y. Lubricating oil. 2,183,009; Dec. 12.
Cole, Lorne A., assignor to Waterous Limited, Brantford, Ontario, Canada. Magnetic valve. 2,157,480; May 9.
Cole, Louis W., New York, and C. I. Smith, Sunnyside, Long Island, assignors to Cole Electric Products Co. Inc., Long Island City, N. Y. Electrical connecting device. 2,167,608; July 25.
Cole, Morris M., Chicago, Ill. Combined musical instrument and music-score device. 2,178,903; Nov. 7.
Cole, Percy J., Philadelphia, Pa., assignor to The Barrett Company, New York, N. Y. Solid inhibitor for pickling baths. 2,144,913; Jan. 24.
Cole, Ralph I, and P. E. Watson, Oceanport, N. J. Sealed high frequency transformer. 2,176,064; Oct. 17.
Cole, Raymond A., assignor to Norton Company, Worcester, Mass. Multiple steady rest. 2,182,311; Dec. 5.
Cole, Robert E., Toronto, Ontario, Canada. Snow plow. 2,169,224; Aug. 15.
Cole, Robert E., Highland Creek, Ontario, Canada. Front wheel drive mechanism for vehicles. 2,172,362; Sept. 12.
Cole, Roy E., assignor to The Studebaker Corporation, South Bend, Ind. Transmission. 2,174,504; Sept. 26.
Cole, Sanford S., Metuchen, N. J., assignor to National Lead Company, New York, N. Y. Preparation of pigment compositions. 2,184,938; Dec. 26.
Cole, Taylor, Midland, assignor to C. Cole, Austin, Tex. Electric iron. 2,165,343; July 11.
Coleman, Albert H., assignor of one-half to J. M. Campbell, Orlando, Fla. Air compressor and the like. 2,174,032; Sept. 26.
Coleman, Alfred M., C. C. Bater, and G. A. Lee, London, England. Machine for opening envelopes. 2,168,394; Aug. 8.
Coleman, Bert. (See Hendershott, S. J., and Coleman.)
Coleman, Cecil R. (See Coleman, William L. and C. R.)
Coleman, Daniel R., Roselle Park, N. J. Dental brush. 2,155,473; Apr. 25.
Coleman, Edwin D. Maywood, assignor, by mesne assignments, to Micro Switch Corporation, Freeport, Ill. Temperature control device. 2,144,105; Jan. 17.
Coleman, Gerald H. (See Britton, E. C., and Coleman.)
Coleman, Gerald H. (See Britton, J. W., Coleman, and Hadler.)
Coleman, Gerald H., and G. V. Moore, assignors to The Dow Chemical Company, Midland, Mich. Reaction products of 2-Methyl-1,3-Dichloropropane and alcohols. 2,148,437; Feb. 28.

Coleman, Gerald H., and G. V. Moore, assignors to The Dow Chemical Company, Midland, Mich. Reaction products of 2-methyl-1, 3-dichloro-propane and alcohols. 2,153,513; Apr. 4.

Coleman, Gerald H., and G. V. Moore, assignors to The Dow Chemical Company, Midland, Mich. Alkyl ethers of meta-phenylphenol. 2,157,071; May 2.

Coleman, Gerald H., and J. W. Zemba, assignors to The Dow Chemical Company, Midland, Mich. Hydroxy-alkyl ethers of substituted phenols. 2,158,957; May 16.

Coleman, Gerald H., and J. W. Zemba, assignors to The Dow Chemical Company, Midland, Mich. Hydroxy-alkyl ethers of 4-tertiary-alkyl phenols. 2,158,958; May 16.

Coleman, Gerald H., and J. W. Zemba, assignors to The Dow Chemical Company, Midland, Mich. Hydroxy-alkyl ethers of tertiary-alkyl phenols. 2,158,959; May 16.

Coleman, Gerald H., and J. W. Zemba, assignors to The Dow Chemical Company, Midland, Mich. Hydroxy-alkyl ethers. 2,158,960; May 16.

Coleman, Gerald H., and B. C. Hadler, assignors to The Dow Chemical Company, Midland, Mich. Saturated polycarboxylic acid esters of 2-chloroallyl alcohol. 2,159,008; May 23.

Coleman, Gerald H., and G. V. Moore, assignors to The Dow Chemical Company, Midland, Mich. Ethers of 1,3-dihydroxy-isobutane and 1-chloro-3-hydroxy-isobutane. 2,159,364; May 23.

Coleman, Gerald H., and J. W. Zemba, assignors to The Dow Chemical Company, Midland, Mich. Stabilization of vinylidene chloride. 2,160,944; June 6.

Coleman, Gerald H., and G. V. Moore, assignors to The Dow Chemical Company, Midland, Mich. Ethers of tertiary-alkyl phenylphenols. 2,161,558; June 6.

Coleman, Gerald H., and R. W. Sapp, assignors to The Dow Chemical Company, Midland, Mich. Polymerized di-(2-chloroallyl) ether. 2,161,737; June 6.

Coleman, Gerald H., L. E. Mills, and G. V. Moore, assignors to The Dow Chemical Company, Midland, Mich. Chloralkyl xenoxy ethers. 2,167,639; Aug. 1.

Coleman, Gerald H., and L. F. Berhenke, assignors to The Dow Chemical Company, Midland, Mich. Liquid dielectric compositions. 2,169,995; Aug. 22.

Coleman, Gerald H., and R. P. Perkins, assignors to The Dow Chemical Company, Midland, Mich. Alkylated diphenyloxide. 2,170,809; Aug. 29.

Coleman, Gerald H., and R. R. Dreisbach, assignors to The Dow Chemical Company, Midland, Mich. Alkyl halo-diphenyloxides. 2,170,989; Aug. 29.

Coleman, Gerald H., and G. V. Moore, assignors to The Dow Chemical Company, Midland, Mich. Methallyl ethers of phenylphenols. 2,170,990; Aug. 29.

Coleman, Gerald H., and G. V. Moore, assignors to The Dow Chemical Company, Midland, Mich. Preparation of 1,1,2-trichloroethane. 2,174,737; Oct. 3.

Coleman, Gerald H., and C. L. Moyle, assignors to The Dow Chemical Company, Midland, Mich. Hydroxy-alkyl ethers of benzophenone. 2,182,786; Dec. 12.

Coleman, Gilbert R., Bellevue, N. Y. Journal bearing. 2,163,586; June 27.

Coleman, Gilbert R., Bellevue, N. Y. Journal bearing. 2,163,587; June 27.

Coleman, Gilbert R., Cheektowaga, N. Y. Making journal bearings. 2,164,902; July 4.

Coleman, Guy C., and H. Foster, Los Angeles, Calif. Matrix storage system for type making machines. 2,154,728; Apr. 18.

Coleman, Harry C., and C. Lynn, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Parallel operation of marine generators. 2,163,140; June 20.

Coleman, John H., Asheville, N. C. Spherical triangle measuring instrument. 2,183,765; Dec. 19.

Coleman Lamp and Stove Company. (See Olds, Ambrose D., assignor.)

Coleman Lamp and Stove Company, The. (See Coleman, William C., assignor.)

Coleman, Orville K. (See Johansson, E. G., and Coleman.)

Coleman, Roy E., Chicago, Ill., assignor to The Zein Corporation of America. Zein solution and coating composition. 2,185,110; Dec. 26.

Coleman, Roy E., Chicago, Ill., assignor to The Zein Corporation of America. Zein solution and coating composition. 2,185,111; Dec. 26.

Coleman, Roy E., Chicago, Ill., assignor to The Zein Corporation of America. Zein solution and coating composition. 2,185,112; Dec. 26.

Coleman, Roy E., Chicago, Ill., assignor to The Zein Corporation of America. Zein solution and coating composition. 2,185,113; Dec. 26.

Coleman, Roy E., Chicago, Ill., assignor to The Zein Corporation of America. Zein solution and coating composition. 2,185,114; Dec. 26.

Coleman, Roy E., Chicago, Ill., assignor to The Zein Corporation of America. Zein solution and coating composition. 2,185,115; Dec. 26.

Coleman, Roy E., Chicago, Ill., assignor to The Zein Corporation of America. Zein solution and coating composition. 2,185,116; Dec. 26.

Coleman, Roy E., Chicago, Ill., assignor to The Zein Corporation of America. Zein solution and coating composition. 2,185,117; Dec. 26.

Coleman, Roy E., Meriden, Conn., assignor to The Zein Corporation of America. Substantially nongelling zein coating composition. 2,185,118; Dec. 26.

Coleman, Roy E., Meriden, Conn., assignor to The Zein Corporation of America. Substantially nongelling coating composition of zein in closed-chain alcohols. 2,185,119; Dec. 26.

Coleman, Roy E., Meriden, Conn., assignor to The Zein Corporation of America. Substantially nongelling coating composition of zein in diacetone alcohol. 2,185,120; Dec. 26.

Coleman, Roy E., Meriden, Conn., assignor to The Zein Corporation of America. Heat hardening coating composition. 2,185,121; Dec. 26.

Coleman, Roy E., Meriden, Conn., assignor to The Zein Corporation of America. Zein containing coating compositions. 2,185,122; Dec. 26.

Coleman, Roy E., Meriden, Conn., assignor to The Zein Corporation of America. Producing stable zein solutions with auxiliary solvents. 2,185,123; Dec. 26.

Coleman, Roy E., Meriden, Conn., assignor to The Zein Corporation of America. Coating composition. 2,185,124; Dec. 26.

Coleman, Roy E., Meriden, Conn., assignor to The Zein Corporation of America. Coating printed surfaces and article formed thereby. 2,185,125; Dec. 26.

Coleman, Roy E., Chicago, Ill., assignor, by mesne assignments, to The Zein Corporation of America. Coated article and forming the same. 2,185,126; Dec. 26.

Coleman, Warren F., McGaheysville, Va. Laying floors in mastic. 2,149,162; Feb. 28.

Coleman, William C., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Fuel supply apparatus. 2,174,054; Sept. 26.

Coleman, William C., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Safety cut-off device for fuel supply lines. 2,174,055; Sept. 26.

Coleman, William L. and C. R., Fullerton, assignors to Food Machinery Corporation, San Jose, Calif. Clamp truck. 2,176,246; Oct. 17.

Colenback, Lloyd J., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Poise. 2,143,186; Jan. 10.

Coles, Jacob G., New York, N. Y. Electric switch manipulating means. 2,172,731; Sept. 12.

Coles, Walter H., and B. J. Nelson, assignors to The Skinner Irrigation Company, Troy, Ohio. Irrigation device. 2,173,295; Sept. 19.

Coleson, William K., Brooklyn, N. Y. Mechanical rowboat. 2,145,586; Jan. 31.

Colgate-Palmolive-Peet Company. (See Brandt, Robert L., assignor.)

Colgate-Palmolive-Peet Company. (See Heald, Robert F., assignor.)

Colgate-Palmolive-Peet Company. (See Harris, Benjamin R., assignor.)

Colgate-Palmolive-Peet Company. (See Ittner, Martin H., assignor.)

Colgate-Palmolive-Peet Company. (See Meek, Eustace E., assignor.)

Colgate-Palmolive-Peet Company. (See Ross, John, assignor.)

Colgate-Palmolive-Peet Company. (See Schwantes, Julius A., assignor.)

Colgin, Rufus A., assignor to W. C. Norris Manufacturer, Incorporated, Tulsa, Okla. Power take-offs. 2,178,322; Oct. 31.

Colgrove, Robert D., assignor to John T. Lane, Los Angeles, Calif. Coupling. 2,183,546; Dec. 19.

Colin, David H. (See Wachs, B., and Colin.)

Collard, John. (See Bowman-Manifold, M., and Collard.)

Collard, John, Hammersmith, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electric cable. 2,153,174; Apr. 4.

Collard, John, Hammersmith, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electric signal transmission system. 2,165,838; July 11.

Collatz, Ferdinand A., St. Paul, Minn., assignor to General Mills, Inc. Cereal product and making the same. 2,162,376; June 13.

Collatz, Ferdinand A., St. Paul, Minn., assignor to General Mills, Inc. Fortifying cereal products with minerals. 2,166,797; July 18.

Collbohm, Franklin R., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Method and apparatus for indicating oxygen concentration in a gaseous medium. 2,166,104; July 18.

Collegiate Manufacturing Co. (See Smutny, Theodore J., assignor.)

Collens, William S., Brooklyn, N. Y. Receptacle indicator. 2,143,508; Jan. 10.

Colleran, Thomas J., assignor to Hunter Sash Company, Inc., Flushing, N. Y. Panel. 2,157,162; May 9.

Collett, Charles H., Walnut Park, Calif., assignor of one-half to H. E. Lynn, Monterey Park, Calif. Hydraulic well jar. 2,180,223; Nov. 14.

Collett, Charles H., and A. R. Thompson, Huntington Park, Calif. Liner setter. 2,158,406; May 16.

Collett, Hubert L., Novinger, Mo. Wood saw. 2,181,047; Nov. 21.

Colley, Sim, et al. (See Brown, Cyrus R., assignor.)

Collier, Bryan C., Allentown, Pa., assignor to Cement Gun Company. Apparatus for placing cementitious material. 2,183,547; Dec. 19.

Collier, David R., and H. W. Sheldrick, assignors to Collier-Keyworth Company, Gardner, Mass. Chair iron. 2,184,988; Dec. 26.

Collier, David R., and H. W. Sheldrick, assignors to Collier-Keyworth Company, Gardner, Mass. Chair iron. 2,184,989; Dec. 26.
Collier, Frank M., and L. J. Lumpkin, Jr., Rock Hill, S. C. Cloth-folding machine. 2,152,399; Mar. 28.
Collier, Isham F. (See Allison, J. J., and Collier.)
Collier, John W., & Son. (See Lund, Samuel, assignor.)
Collier-Keyworth Company. (See Collier, D. R., and Sheldrick, assignors.)
Collier-Keyworth Company. (See Sheldrick, Henry W., assignor.)
Collier, Robert T., Hillsborough, Calif. Badminton bird. 2,163,236; June 20.
Collier, William B., Talmage, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Belt pulley. 2,184,545; Dec. 26.
Colliery Engineering Limited. (See Ridley, Frank F., assignor.)
Collings, David A., Cleveland, Ohio. Four wheel brake system. 2,144,011; Jan. 17.
Collings, Thomas G., North Plainfield, N. J., assignor to American Fire Prevention Bureau, New York, N. Y. Release box. 2,174,969; Oct. 3.
Collings, William R., L. De Pree, and M. H. Weymouth, assignors to The Dow Chemical Company, Midland, Mich. Alkali cellulose. 2,143,862; Jan. 17.
Collings, William R., L. De Pree, and M. H. Weymouth, assignors to The Dow Chemical Company, Midland, Mich. Alkali cellulose. 2,143,863; Jan. 17.
Collings, William R., L. De Pree, and M. H. Weymouth, assignors to The Dow Chemical Company, Midland, Mich. Alkali cellulose. 2,145,862; Feb. 7.
Collings, William R., and L. De Pree, assignors to The Dow Chemical Company, Midland, Mich. Making cellulose ethers. 2,163,869; June 27.
Collins & Aikman Corporation. (See Kaufman, Frank M., assignor.)
Collins, Arnold M. (See Carothers, W. H., and Collins.)
Collins, Arnod M. (See Starkweather, H. W., and Collins.)
Collins, Arthur A. (See Samuelson, Robert E., assignor.)
Collins, Arthur A., Cedar Rapids, Iowa. Control circuit for signal transmitting and receiving apparatus. 2,150,362; Mar. 14.
Collins, Arthur A., Cedar Rapids, Iowa. Shaft-positioning device. 2,164,309; July 4.
Collins, Arthur A., Cedar Rapids, Iowa. Automatic tuning system and apparatus. 2,165,226; July 11.
Collins, Arthur A., Cedar Rapids, Iowa. Automatic tuning system and apparatus. 2,168,326; Aug. 8.
Collins, Arthur A., Cedar Rapids, Iowa. Automatic tuning apparatus. 2,174,552; Oct. 3.
Collins, Arthur E., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method of and apparatus for forming sheet material. 2,179,842; Nov. 14.
Collins, Charles T., Reubens, Idaho. Mechanically operated eraser for typewriters. 2,158,534; May 16.
Collins, Charles W., Seattle, Wash. Brake mechanism. 2,182,250; Dec. 5.
Collins, Douglas, Salisbury, N. C. Hydraulic braking system. 2,155,302; Apr. 18.
Collins, Douglas, Salisbury, N. C. Throttle and starter control mechanism. 2,182,787; Dec. 12.
Collins, Douglas, Salisbury, N. C. Auxiliary control for hydraulic brakes. 2,183,444; Dec. 12.
Collins, Earl P., Little Neck, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Fumigation system. 2,149,936; Mar. 7.
Collins, Edgar V. (See Shedd, C. K., and Collins.)
Collins, Edgar V., assignor, by mesne assignments, to Iowa State College Research Foundation, Ames, Iowa. Terracing implement. 2,143,543; Jan. 10.
Collins, Edgar V., assignor, by mesne assignments, to Iowa State College Research Foundation, Ames, Iowa. Automatic reversible soil moving machine. 2,153,824; Apr. 11.
Collins, Francis G., Quincy, Mass. Alarm system. 2,152,535; Mar. 28.
Collins, Frank R., Cleveland, Ohio. Cutting apparatus 2,171,684; Sept. 5.
Collins, Geoffrey, Weybridge, England. Testing of lenses or other image producing optical devices. 2,164,576; July 4.
Collins, George D., Jr., et al. (See Booharin, Leo Y., assignor.)
Collins, George S., Meadville, Pa. Slide cartridge for pencils and the like. 2,146,564; Feb. 7.
Collins, Harry L., assignor to Knapp-Monarch Company, St. Louis, Mo. Shearing head construction. 2,146,712; Feb. 14.
Collins, Harry R., deceased, Allentown, Pa.; M. H. Collins, administratrix. Pulverizer mill. 2,149,579; Mar. 7.
Collins, Harry R., deceased, Allentown, Pa.; M. H. Collins, administratrix. Pulverizer mill. 2,149,580; Mar. 7.
Collins, Harry R., deceased, Allentown, Pa.; M. H. Collins, administratrix. Pulverizer mill. 2,149,581; Mar. 7.
Collins, Harry R., deceased, Allentown, Pa.; M. H. Collins, administratrix. Pulverizer mill. 2,149,582; Mar. 7.
Collins, Harry R., deceased, Allentown, Pa.; M. H. Collins, administratrix. Pulverizer mill. 2,174,933; Oct. 3.
Collins, Harry R., deceased, Allentown, Pa.; M. H. Collins, administratrix. Pulverizer mill. 2,174,934; Oct. 3.
Collins, Howard E., La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Copy sheet. 2,163,934; June 27.
Collins, Howard W., Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Fibrous bat marking. 2,184,286; Dec. 26.
Collins, Hubert D., Tulsa, Okla. Deep well pump. 2,146,328; Feb. 7.
Collins, Hubert D., Fort Worth, Tex. Tubing fluid load deflector. 2,174,121; Sept. 26.
Collins, Joseph L. (See Robinson, P., and Collins.)
Collins, Joseph L., assignor to Sprague Specialties Company, North Adams, Mass. Electrolytic device. 2,174,437; Sept. 26.
Collins, Joseph L., assignor to Sprague Specialties Company, North Adams, Mass. Electrolytic device. 2,180,798; Nov. 21.
Collins, Joseph L., and R. Teeple, assignors to Sprague Specialties Company, North Adams, Mass. Electrolytic device. 2,158,981; May 16.
Collins, May H., administratrix. (See Collins, Harry R.)
Collins, Martin M., Danbury, Conn. Emergency automobile horn sounder. 2,156,751; May 2.
Collins, Milford E., Collingswood, N. J., assignor to Radio Corporation of America. Photographic recording of sound. 2,148,605; Feb. 28.
Collins, Milford E., Hollywood, Calif., assignor to Radio Corporation of America. Film identifying apparatus. 2,184,546; Dec. 26.
Collins Radio Company. (See Bessemer, Lester E., assignor.)
Collins Radio Company. (See Byrne, John F., assignor.)
Collins Radio Company. (See Craft, Liva M., assignor.)
Collins Radio Company. (See Wirkler, Walter H., assignor.)
Collins, Ralph D. (See Campbell, John W., assignor.)
Collins, Richard, et al. (See Hoenig, Heinrich, assignor.)
Collins, Richard C. (See Gerard, F. W., and Collins.)
Collins, S. B. (See Achatz, John, assignor.)
Collins Supply & Equipment Company. (See Munson, Willard T., assignor.)
Collins, Thomas A. (See Simpson, D. C., and Collins.)
Collins, William B. (See Russell, J. K., Collins, and Boggs.)
Collins, William D., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigerator cabinet. 2,149,807; Mar. 7.
Collins, William D., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigerator. 2,158,274; May 16.
Collins, William D., and A. E. Nave, Evansville, Ind., assignors, by mesne assignments, to Servel, Inc., Dover, Del. Refrigerator. 2,161,852; June 13.
Collis Company, The. (See Roberts, John, assignor.)
Collis, Raymond E., Summit, N. J., and J. B. Newsom, Great Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,161,456; June 6.
Colloid Corporation. (See Wynn, Samuel J., assignor.)
Collon, Joseph, Pontiac, Mich. Lug locking lock washer. 2,177,865; Oct. 31.
Collord, Inc. (See Bumpus, J. A., and Christiansen, assignors.)
Collot, Arthur M., Miami, Fla. Repair bracket support for lawn mowers. 2,168,115; Aug. 1.
Collver, Clarence W., Clinton, Wis. Razor blade holder. 2,143,053; Jan. 10.
Collway Colors, Inc. (See O'Brien, Robert J., assignor.)
Colman, Ben, Detroit, Mich., assignor to The Worth Company. Car loading device. 2,159,320; May 23.
Colman, Howard D., Rockford, Ill. Bellows piston. 2,160,248; May 30.
Colomb, Henri, Lausanne, Switzerland. Cap jewel bearing for clockwork mechanism. 2,146,329; Feb. 7.
Colomb, Henri, Lausanne, Switzerland. Keyless winding for watches. 2,167,797; Aug. 1.
Colomb, Henri, Lausanne, Switzerland. Cap jewel bearing for clockwork mechanism. 2,184,580; Dec. 26.
Colomy, Roy H., Springdale, Conn. Cigarette dispenser. 2,151,315; Mar. 21.
Colonial Broach Company. (See Hart, William A., assignor.)
Colonial Broach Company. (See Nilsson, Axel L., assignor.)
Colonial Broach Company. (See Thompson, Richard A., assignor.)
Colonial Earphone Co. Inc. (See Franzblau, Joseph M., assignor.)
Colonial Press, Inc., The. (See Fine, Byrd S., assignor.)
Color Laboratories, Inc. (See Gartland, Ignatious L., assignor.)
Color Processes, Inc. (See Friedman, J. S., and Bruck, assignors.)
Color Research Corporation. (See Grimson, Samuel B., assignor.)
Color Research Corporation. (See Grimson, S. B., and Lipp, assignors.)
Colorado Fuel and Iron Corporation, The. (See Bailey, William H., assignor.)
Colorado Fuel and Iron Corporation, The. (See Price, John D., assignor.)
Colorado Fuel and Iron Corporation. (See Rupp, G. H., and Frantz, assignors.)

Colorado Fuel and Iron Corporation, The. (See Stuart, Kenneth B., assignor.)
Colorescent Laboratories, Inc. (See Cortese, Thomas M assignor.)
Colson Corporation, The. (See Johnson, Wilfred G., assignor.)
Colt, Edwin W. (See Potts, R. H., and Colt.)
Colt, Rutger B. (See Chappell, R. R., and Colt.)
Colt, Rutger B. (See Chappell, R. R., Colt, and Streb.)
Colt, Samuel S., West Orange, N. J. Wire-pulling device. 2,150,646; Mar. 14.
Colt Samuel S., West Orange, N. J. Pulling form ties from cast concrete. 2,156,528; May 2.
Colt, Samuel S., West Orange, N. J. Extracting form ties from cast concrete. 2,164,031; June 27.
Colt, Samuel S., West Orange, N. J. Form tie extracting means. 2,183,806; Dec. 19.
Coltof, Willem, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Alkyloiamine recovery. 2,146,201; Feb. 7.
Coltof, Willem, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Production of alkene sulphides. 2,183,860; Dec. 19.
Colton, Arthur, Company. (See Riel, Carl E., assignor.)
Colton, H. Seymour, et al., trustees. (See Colton, Henry S., assignor.)
Colton, H. Seymour, et al., trustee. (See Colton, Henry S., assignor.)
Colton, Henry S., Shaker Heights, Ohio, assignor to H. Seymour Colton, M. J. Rentschler, and J. A. Weeks, trustees. Solid material from waste liquor. 2,165,344; July 11.
Colton, Henry S., Shaker Heights, Ohio, assignor to H. S. Colton, M. J. Rentschler, and J. A. Weeks, as trustees. Moldable material and forming same. 2,184,271; Dec 26.
Colton, Lewis H., West Bridgford, Nottingham, England. Mechanism for producing welts on straight bar knitting machines. 2,142,745; Jan. 3.
Colton, Raymond W., Washington, D. C. Control mechanism applicable to radio tuning and other uses. 2,154,437; Apr. 18.
Colton, Sydney H. (See Rodwell, Albert G., assignor.)
Colt's Patent Fire Arms Manufacturing Company. (See Christensen, Paul M., assignor.)
Colt's Patent Fire Arms Manufacturing Co. (See Conner B. F., and Schmalz, assignors.)
Colt's Patent Fire Arms Manufacturing Company. (See Sachs, Joseph, assignor.)
Colt's Patent Fire Arms Manufacturing Co. (See Schmalz, William F., assignor.)
Colt's Patent Fire Arms Manufacturing Company. (See Swartz, William L., assignor.)
Columbia Axle Company, The. (See Lincoln, Neil S., assignor.)
Columbia Mills Inc., The. (See Burns, Fred J., assignor.)
Columbia Radiator Company. (See Watt, William H., assignor.)
Columbia Steel Equipment Company. (See Ruck, George, assignor.)
Columbian Art Works. (See Hope, Samuel N., assignor.)
Columbian Carbon Company. (See Wiegand, William B., assignor.)
Columbian Enameling & Stamping Co. (See Nelson, Andrew W., assignor.)
Columbian Rope Company. (See Bowen, Kenneth H., assignor.)
Columbian Rope Company. (See Metcalf, Frank R., assignor.)
Columbus Auto Parts Company, The. (See Flumerfelt, William A., assignor.)
Columbus Coffin Company, The. (See Hulsart, Dexter D., assignor.)
Columbus Pharmacal Company, The. (See Jones, Harold W., assignor.)
Columbus Sucker Rod Company, The. (See Leibensperger, C. I., and Thorpe, assignors.)
Colville, Kenneth H., Carbondale, Pa., assignor to Hendrick Manufacturing Company. Filter screen. 2,150,889; Mar. 14.
Colvin, Joseph. (See Covell, Earl C.)
Colvin, Oliver D. (See Colby, M. R., Colvin, and Hahne.)
Colvin, Winfield G. (See Mulcay, D., and Colvin.)
Colwell, Archie T., and O. M. Burkhardt, assignors to Thompson Products Inc., Cleveland, Ohio. Sealing construction. 2,154,199; Apr. 11.
Colwill, Richard H., Chicago, Ill., assignor to United Autographic Register Co. Register casing door. 2,162,422; June 13.
Combes, Maurice, Paris, France. Production of colored picture films. 2,151,899; Mar. 28.
Combest, Clark V., Flagstaff, Ariz. Vehicle brake system control. 2,173,328; Sept. 19.
Combination Selector Company. (See Rainey, Paul M., assignor.)
Combustion Engineering Company. (See Chapman, Edward C., assignor.)
Combustion Engineering Company. (See Chapman, E. C., and Randall, assignors.)
Combustion Engineering Company. (See Crites, Joe, assignor.)
Combustion Engineering Company. (See Dyer, H. T., and Barnes, assignors.)
Combustion Engineering Company. (See Gordon, Charles W., assignor.)
Combustion Engineering Company. (See Krug, Julius, assignor.)
Combustion Engineering Company. (See Moses, A. J., and Chapman, assignors.)
Combustion Engineering Company. (See Smith, Alfred R., assignor.)
Combustion Engineering Company. (See Toensfeldt, K., and Cross, assignors.)
Combustion Engineering Company. (See Zinkernagel, R., and Jackson, assignors.)
Comee, Joseph F., North Brook, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Ceiling for car roofs. 2,153,074; Apr. 4.
Comee, Joseph F. and S. J. Stone, assignors to Chicago-Hutchins Corporation, Chicago, Ill. Car reinforcing construction. 2,144,450; Jan. 17.
Comer, John E. (See Carnes, C. T., Steffes, Wright, and Comer.)
Comley, Wilbur N., Llanerch, assignor to Brown & Bailey Company, Philadelphia, Pa. Foldable box. 2,174,687; Oct. 3.
Commercial Coil & Refrigeration Co. (See Stock, Anthony T., assignor.)
Commercial Ingredients Corporation. (See Dunajeff, Leonid A., assignor.)
Commercial Shearing & Stamping Company, The. (See Cushwa, C. B., and White, assignors.)
Commercial Shearing & Stamping Company, The. (See Galanot, Camille P., assignor.)
Commercial Shearing and Stamping Company, The. (See White, Thomas L., assignor.)
Commercial Solvents Corporation. (See Bogin, Charles, assignor.)
Commercial Solvents Corporation. (See Hodge, Edward B., assignor.)
Commercial Solvents Corporation. (See Kieweg, Homer, assignor.)
Commercial Solvents Corporation. (See Martin, Jerome, assignor.)
Commercial Solvents Corporation. (See Martin, J., and Hodge, assignors.)
Commercial Solvents Corporation. (See Perry, Lester E., assignor.)
Commercial Solvents Corporation. (See Vanderbilt, Byron M., assignor.)
Commercial Solvents Corporation. (See Wampner, Herbert L., assignor.)
Commercial Solvents Corporation. (See Wesseler, Julian A., assignor.)
Commonwealth Edison Company. (See Johnstone, H. F., and Singh, assignors.)
Commonwealth Engineering Corporation. (See Desch, Joseph R., assignor.)
Commonwealth Manufacturing Corporation, The. (See Mayberry, Walter R., assignor.)
Communication Patents, Inc. (See Nicolson, Alexander M., assignor.)
Compagnie des Avions Hanriot. (See Riviere, Henri, assignor.)
Compagnie des Forges et Acieries de la Marine et d'Homecourt. (See Granat, Elie, assignor.)
Compagnie des Freins Westinghouse. (See Borde, Raoul, assignor.)
Compagnie des Telephones Thomson-Houston. (See Gohorel, Fernand P., assignor.)
Compagnie Electro-Mecanique. (See Darrieus, Georges, assignor.)
Compagnie Generale de Telegraphic Sans Fil. (See Bellini, Ettore, assignor.)
Compagnie Generale de Telegraphie Sans Fil. (See Bernard, Marcel, assignor.)
Compagnie Generale de Telegraphic sans Fil. (See Chiriex, Henri, assignor.)
Compagnie Generale de Telegraphic Sans Fil. (See Gutton, H., and Berline, assignors.)
Compagnie Generale de Telegraphie sans Fil. (See Moueix, Henri, assignor.)
Compagnie Generale de Telegraphie. (See Rocard, Yves, assignor.)
Compagnie Generale de Telegraphie Sans Fil. (See Villem, R., and Goudet, assignors.)
Compagnie Internationale des Pieux Armés Frankignoul, Société Anonyme. (See Bertrand, Raymond, assignor.)
Compagnie National de Matieres Colorantes et Manufactures de Produits Chimique du Nord Reunies, Etablissements Kuhlmann. (See Fierz-David, H. E., and Stoll, assignors.)
Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies, Etablissements Kuhlmann. (See Loiseau, H., and Cartigny, assignors.)
Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies, Etablissements Kuhlman. (See Petitcolas, Pierre, assignor.)
Compagnie Parisienne de Produits Chimiques. (See Budowski, Issar, assignor.)
Compagnie pour la Fabrication des Compteurs et Materiel d'Usines a Gaz. (See Barthelemy, René, assignor.)
Compagnie pour la Fabrication des Compteurs & Materiel d'Usines a Gaz. (See Vogel, Théodore M., assignor.)

Compagnie pour la Fabrication des Compteurs et Materiel d'Usines a Gaz. (See Vogel, T. M., and Traverse, assignors.)
Comparato, Sebastião, Sao Paulo, Brazil. Three-dimensional projection system. 2,148,260; Feb. 21.
Compo Shoe Machinery Corporation. (See Best, L. E., and Durham, assignors.)
Compo Shoe Machinery Corporation. (See Damon, Isaac F., assignor.)
Compo Shoe Machinery Corporation. (See Durham, W. C., and Best, assignors.)
Compo Shoe Machinery Corporation. (See Farrington, Daniel W., assignor.)
Compo Shoe Machinery Corporation. (See Gorman, Henry B., assignor.)
Compo Shoe Machinery Corporation. (See Smith, John F., assignor.)
Compo Shoe Machinery Corporation. (See Smith, J. F. and Card, assignors.)
Compton, Justin S., Oakwood, assignor of one-half to H. Silbereis, Dayton, Ohio. Amusement device. 2,182,517; Dec. 5.
Comstock, Carl D., Santa Fe, N. Mex. Rear view eyeglass reflector. 2,176,167; Oct. 17.
Comstock, Daniel F., Lincoln, Mass., assignor, by mesne assignments, to Stator Corporation. Heating and cooling system. 2,162,245; June 13.
Comstock, George F., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Ferro-aluminum-Zirconium alloys. 2,143,686; Jan. 10.
Comstock, George F., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Aluminum-zinc alloys. 2,146,330; Feb. 7.
Comstock, George F., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Aluminum-chromium-titanium alloys. 2,146,331; Feb. 7.
Comstock, George F., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Chromium-titanium-silicon alloy. 2,169,193; Aug. 8.
Comstock, George F., and V. V. Efimoff, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Granular aluminum and making the same. 2,162,938; June 20.
Comstock, Gregory J., Fairfield, assignor to Handy & Harman, Bridgeport, Conn. Manufacture of articles from powdered metals. 2,162,701; June 20.
Comstock, James A., assignor to The Acme Electric & Manufacturing Company, Cleveland, Ohio. High leakage transformer. 2,158,275; May 16.
Comstock, James A., assignor to The Acme Electric & Manufacturing Company, Cleveland, Ohio. Combined transformer and illuminating device. 2,161,853; June 13.
Comstock, James A., assignor to The Acme Electric & Manufacturing Company, Cleveland, Ohio. High leakage reactance transformer. 2,184,581; Dec. 26.
Comstock & Wescott, Inc. (See Weaver, Eastman A., assignor.)
Comstock & Wescott, Inc. (See Weaver, E. A., and Imlay, assignors.)
Comte, Frederick, Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Reduction of chlorotheophylline. 2,142,935; Jan. 3.
Conaghan, Billy F., Tonkawa, Okla. Adjustable tubing hanger and stuffing box support. 2,179,814; Nov. 14.
Conant, Willard I. (See Handshy, C. F., and Conant.)
Concato, Bruno. (See Finke, George W., assignor.)
Concordia, Charles. (See Buell, R. C., Crary, Butler, and Concordia.)
Concordia, Charles, Schenectady, N. Y., assignor to General Electric Company. Protection of alternating current electric systems. 2,178,420; Oct. 31.
Condit, Guy H. (See Langan, T. M., and Condit.)
Condliffe, George E. (See McGee, J. D., and Condliffe.)
Condliffe, George E. (See Shoenberg, I., Condliffe, and Tedham.)
Condon, Bridget D., Spokane, Wash. Nursing nipple. 2,174,361; Sept. 26.
Condon, Edward T., New York, N. Y. Automatic reset means for automobile directional signal switches. 2,144,595; Jan. 17.
Condon, James D. (See Wicks, J. D., Condon, and Franklin.)
Condon, Robert S., Rutland, Vt. Fluid packing. 2,168,818; Aug. 8.
Cone, Alfred L., Brea, Calif. Removable tip for fire nozzles. 2,148,535; Feb. 28.
Cone Automatic Machine Company. (See Miller, Carroll E., assignor.)
Cone, Carroll, near Toledo, assignor to Surface Combustion Corporation, Toledo, Ohio. Glass annealing lehr. 2,162,377; June 13.
Cone, Carroll, near Toledo, assignor to Surface Combustion Corporation, Toledo, Ohio. Glass annealing lehr. 2,162,378; June 13.
Cone, Charles N., assignor to M and M Wood Working Company, Portland, Oreg. Glue and manufacture therefor. 2,182,425; Dec. 5.
Cone, Frank L., deceased; R. H. Cone, H. P. Chaplin, and H. P. McClary, Windsor, Vt., executors. Automatic lathe. 2,142,557; Jan. 3.
Cone, Raymond H., et al., executor. (See Cone, Frank L.)
Cone, Robert W., Deal, N. J. Airplane wing construction. 2,152,029; Mar. 28.
Cone Worm Gear Corporation. (See Lively, Orin P., assignor.)
Coney, Arthur F., assignor, by mesne assignments, to Star-Service Hanger Company, Detroit, Mich. Garment hanger cover. 2,151,011; Mar. 21.
Coney, James D., assignor to Star-Service Hanger Company, Detroit, Mich. Garment hanger. 2,151,012; Mar. 21.
Coney, James D., assignor to Star-Service Hanger Company, Detroit, Mich. Shield for garment hangers. 2,151,013; Mar. 21.
Coney, James D., assignor to Star-Service Hanger Company, Detroit, Mich. Garment hanger. 2,160,127; May 30.
Coney, James D., assignor to Star-Service Hanger Company, Detroit, Mich. Garment hanger. 2,160,128; May 30.
Coney, James D., assignor to Star-Service Hanger Company, Detroit, Mich. Garment hanger. 2,160,129; May 30.
Conger, Earnest J., assignor of fifteen per cent to R. H. Allen, fifteen per cent to C. Mitchell, fifteen per cent to W. Pearlman, and fifteen per cent to L. Massing, all of Crawfordsville, Ind. Wheel drive. 2,162,606; June 13.
Congoleum-Nairn Inc. (See Allen, Frank M., assignor.)
Congoleum-Nairn, Inc. (See Spitzli, Donald H., assignor.)
Congoleum-Nairn Inc. (See Spitzli, D. H., and Kennedy, assignors.)
Conill, Fernan O., New York, N. Y. Hair waving machine. 2,152,583; Mar. 28.
Conill, Fernan O., New York, N. Y. Hair waving apparatus. 2,155,115; Apr. 18.
Conill, Fernan O., New York, N. Y. Supporting device. 2,161,911; June 13.
Conkey, H. D., Company. (See Kettleborough, Harry J., assignor.)
Conklin, Clyde L. (See Sarsfield, M. W., and Conklin.)
Conklin, Edward J., Bridgeport, Conn. Safety push button knife. 2,183,378; Dec. 12.
Conklin, Frederick R. (See Meyer, L. W. A., and Conklin.)
Conklin, Frederick R., Kingsport, Tenn., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Manufacture of decorative plastics. 2,154,438; Apr. 18.
Conklin, Frederick R., Kingsport, Tenn., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Preparing plastics. 2,155,303; Apr. 18.
Conklin, James W. (See Latimer, C. W., Finch, Conklin, and Goldstine.)
Conklin, James W., Audubon, N. J., assignor to Radio Corporation of America. Ultra high frequency tank circuit. 2,142,630; Jan. 3.
Conklin, James W., Audubon, N. J., assignor to Radio Corporation of America. Radio frequency filter. 2,163,775; June 27.
Conklin, James W., Audubon, N. J., assignor to Radio Corporation of America. Concentric line tuned circuits. 2,181,871; Dec. 5.
Conklin, James W., Rocky Point, N. Y., assignor to Radio Corporation of America. Volume control system. 2,149,727; Mar. 7.
Conklin, James W., Rocky Point, N. Y., assignor to Radio Corporation of America. Time lag interlock. 2,175,827; Oct. 10.
Conklin, James W., Audubon, N. J., and C. W. Hansell, Port Jefferson, N. Y., assignors to Radio Corporation of America. Wide range beat frequency generator. 2.143,864; Jan. 17.
Conklin, James W., Audubon, and R. Serrell, Haddonfield, N. J., assignors to Radio Corporation of America. High frequency tank circuits. 2,159,782; May 23.
Conklin, John E., Brooklyn, N. Y. Bath spray support. 2,174,653; Oct. 3.
Conklin, John T., Binghamton, assignor to Endicott Johnson Corporation, Endicott, N. Y. Device for drawing strips through perforated materials. 2,157,593; May 9.
Conklin, Murray. (See Pfening, F. D., and Conklin.)
Conklin, Raymond, assignor of one-third to J. F. Ireland, Miami, Fla. Pneumatic filler. 2,142,962; Jan. 3.
Conklin, Roscoe D., Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y. Valve mechanism. 2,179,815; Nov. 14.
Conklin, Roscoe D., and P. R. Forman, Rahway, N. J., assignors to National Pneumatic Company, New York, N. Y. Air engine. 2,147,150; Feb. 14.
Conlan, Frank, et al. (See Dewan, L., and Bartho, assignors.)
Conlan, Frank, et al. (See Wren, J. R., and Bartho, assignors.)
Conley, Brooks L., assignor of one-half to F. S. Kingston, Jersey City, N. J. Electric motor switch. 2,184,411; Dec. 26.
Conley, Brooks L., assignor of one-half to F. S. Kingston, Jersey City, N. J. Electric motor switch. 2,184,412; Dec. 26.
Conley, Joseph T., et al. (See Schleif, Robert L., assignor.)

Conley, Weld E., Jr., assignor, by mesne assignments, to Thermal Research Corporation, Richmond, Va. Canturning apparatus. 2,169,833; Aug. 15.
Conley, William A., et al. (See Schleif, Robert L., assignor.)
Conley, William J., assignor to E. Phelps Langworthy, Rochester, N. Y. Heat treating spheroidized steel. 2,166,839; July 18.
Conlon, Florence, and E. W. Suvanto, San Francisco, Calif. Receptacle. 2,144,329; Jan. 17.
Conlon, Frank B. (See Neeson, C. R., and Conlon.)
Conlon, John F. (See Rugeley, E. W., Feild, and Conlon.)
Conmar Products Corporation. (See Eisler, Marcel J., assignor.)
Conmar Products Corporation. (See Wintritz, G., and Ulrich, assignors.)
Conn, C. G., Ltd. (See Hultsch, Charles, assignor.)
Conn, C. G., Ltd. (See Kiemle, Frederick F., assignor.)
Conn, C. G., Ltd. (See Loney, Hugh W., assignor.)
Conn, C. G., Ltd. (See Loomis, Allen, assignor.)
Conn, C. G., Ltd. (See Miller, Frederick W., assignor.)
Conn, C. G., Ltd. (See Vespa, William G., assignor.)
Conn, C. G., Ltd. (See Way, George H., assignor.)
Conn, Chester J., Smithtown Branch, N. Y. Apparatus for quick freezing of food products. 2,153,742; Apr. 11.
Conn, Chester J., Smithtown Branch, N. Y. Freezing food products. 2,162,213; June 13.
Conn, Chester J., Smithtown Branch, N. Y. Treatment of food products. 2,162,214; June 13.
Conn, Chester J., Suffolk County, N. Y. Quick freezing of food products. 2,184,954; Dec. 26.
Conn, Chester J., Smithtown Branch, N. Y. Method and apparatus for quick freezing of food products. 2,184,990; Dec. 26.
Conn, Kenneth E., Bloomington, Ind. Apparatus for grading and marking. 2,165,613; July 11.
Connecticut Clasp Company. (See Norton, Eugene E., assignor.)
Connecticut Telephone and Electric Corporation. (See Curtiss, William R., assignor.)
Connecticut Web and Buckle Company, The. (See Oliver, Lee, assignor.)
Connell, George A., San Pedro, and J. P. Rasor, Boron, Calif., assignors to Pacific Coast Borax Company. Removing shale from a naturally occurring borate. 2,155,784; Apr. 25.
Connell, Lawrence H., Detroit, Mich. Throwing mechanism. 2,171,623; Sept. 5.
Connell, William H. (See Strange, J. W., and Connell.)
Conner, Benjamin F., West Hartford, and W. F. Schmalz, Rockville, assignors to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Container closure means. 2,172,159; Sept. 5.
Conner, Charles M. (See Atkins, H. J., and Conner.)
Conner, Edward A., Stratford, Conn., assignor to American Chain & Cable Company, Inc. Cross-chain for tire chain assemblies. 2,151,900; Mar. 28.
Conner, Edward A., Stratford, Conn., and W. E. Myers, York, Pa., assignors to American Chain & Cable Company, Inc., New York, N. Y. Forming a link reinforcement. 2,180,100; Nov. 14.
Conner, Edward A., Stratford, Conn., and W. E. Myers, York, Pa., assignors to American Chain & Cable Company, Inc., New York, N. Y. Reinforced antiskid tire chain. 2,180,101; Nov. 14.
Conner, George W. (See Hall, H. R., and Conner.)
Conner, Guy O., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Manufacture of containers. 2,153,365; Apr. 4.
Conner, Guy O., assignor to Wheeling Steel Corporation, Wheeling W. Va. Tap attaching device for containers. 2,170,010; Aug. 22.
Conner, Guy O., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Making a tap attaching device for containers. 2,170,011; Aug. 22.
Conner, Guy O., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Gasketed fitting. 2,171,302; Aug. 29.
Conner, Guy O., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Container. 2,173,712; Sept. 19.
Conner, Quinten E., San Francisco, Calif. Expanding bearing pin. 2,147,883; Feb. 21.
Conners, Michael J., Larchmont, N. Y. Cable connector for outlet boxes. 2,160,353; May 30.
Connolly, Frederick W., Washington, D. C. Invalid chair. 2,182,915; Dec. 12.
Connolly, George E., Oakland, Calif., assignor to Nichols Engineering & Research Corporation, New York, N. Y. Drying and incineration of moist materials. 2,147,151; Feb. 14.
Connolly, George E., Oakland, Calif., assignor to Nichols Engineering & Research Corporation, New York, N. Y. Incineration method and apparatus. 2,147,152; Feb. 14.
Connor, John H., Newton, assignor to The Tanning Process Company, Boston, Mass. Putting-out machine. 2,150,264; Mar. 14.
Connor, Robert, Brooklyn, N. Y. Sky writing device. 2,156,010; Apr. 25.
Connor, William L., Los Angeles, assignor to Fluid Packed Pump Company, Whittier, Calif. Deep well pump. 2,180,864; Nov. 21.
Connor, William L., Los Angeles, assignor to Fluid Packed Pump Company, Whittier, Calif. Deep well pump. 2,180,865; Nov. 21.
Connors, Frederick P. (See Beall, L. M., and Connors.)
Connors, George H., assignor to Highway Trailer Company, Edgerton, Wis. Support for trailer vehicles. 2,165,538; July 11.
Connors, John S., Cleveland, Ohio. Display device. 2,155,699; Apr. 25.
Connors, Martin W., assignor to P. R. Doran, Waterbury, Conn. Bottle sterilizer. 2,174,341; Sept. 26.
Conover Company, The. (See Stoddard, Edgar S., assignor.)
Conover, Courtney, assignor to Monsanto Chemical Company, St. Louis, Mo. Plastic compositions. 2,147,242; Feb. 14.
Conover, Courtney, and A. E. Huff, assignors to Monsanto Chemical Company, St. Louis, Mo. Preparation of benzene derivatives. 2,143,509; Jan. 10.
Conover, Richard E., Dayton, Ohio. Motor control system. 2,150,265; Mar. 14.
Conover, Warren M., Waukegan, Ill., assignor, by mesne assignments, to Outboard, Marine & Manufacturing Company, Wilmington, Del. Enclosed outboard motor drive. 2,166,234; July 18.
Conrad, Eugene J., Columbus, Ohio. Device for making infusions or decoctions. 2,146,108; Feb. 7.
Conrad, Frank, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,148,412; Feb. 21.
Conrad, Frank, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Receiving system. 2,151,747; Mar. 28.
Conrad, Frank, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Alternating-current direct-current clock. 2,183,062; Dec. 12.
Conrad, Ivan W., Washington, D. C. System of telegraphy. 2,178,989; Nov. 7.
Conrad, Oscar G. (See Bosworth, J. H., and Conrad.)
Conrad Razor Blade Co. Inc. (See Bodkin, Irving S., assignor.)
Conradson, Conrad M., Detroit, Mich. Hydraulic power system. 2,166,940; July 25.
Conradson, Prentice, Evansville, Wis. Attached jack for vehicles. 2,161,136; June 6.
Conrady, John A., assignor to The Crosley Corporation, Cincinnati, Ohio. Refrigerating apparatus. 2,166,677; July 18.
Conron, William H., and W. L. Carlson, Haddonfield, N. J., assignors to Radio Corporation of America. Radio signal receiving system. 2,173,898; Sept. 26.
Conroy, James J., et al. (See Doherty, Frank J., assignor.)
Consiglio, José L., New York, N. Y. Tennis racket. 2,164,903; July 4.
Consolidated Aircraft Corporation. (See Laddon, I. M., and Growald, assignors.)
Consolidated Biscuit Company. (See Clark, John, assignor.)
Consolidated Car-Heating Company. (See Touceda, Enrique G., assignor.)
Consolidated Carton, Inc. (See Boyle, Robert B., assignor.)
Consolidated Carton Inc. (See Jones, W. Bartlett, assignor.)
Consolidated Cork Corp. (See Binder, John M., assignor.)
Consolidated Expanded Metal Companies, The. (See Leary, Marshall L., assignor.)
Consolidated Expanded Metal Companies, The. (See Mack, Wayne E., assignor.)
Consolidated Expanded Metal Companies, The. (See McGee, Richard T., assignor.)
Consolidated Gas Electric Light and Power Company. (See Betz, P. L., and Karrer, assignors.)
Consolidated Gas Electric Light and Power Company of Baltimore. (See Betz, P. L., and Karrer, assignors.)
Consolidated Machine Tool Corporation. (See Forward, Worthy J. F., assignor.)
Consolidated Machine Tool Corporation. (See Trosch, Alfred, assignor.)
Consolidated Mining & Smelting Company of Canada, The. (See Busby, A. H. W., and Blois, assignors.)
Consolidated Mounting & Finishing Co. (See Katz, Samuel J., assignor.)
Consolidated Packaging Machinery Corporation. (See Cundall, Limcoln A., assignor.)
Consolidated Packaging Machinery Corporation. (See Cundall, Robert N., assignor.)
Consolidated Packaging Machinery Corporation. (See Leonard, H. H., and Moore, assignors.)
Consolidated Quarries Corporation. (See Severinhaus, Nelson, assignor.)
Consolidated Rendering Company. (See Wallace, Robert N., assignor.)
Consolidated Sewing Machine & Supply Co. Inc. (See Ingwer, M., and Fleisher, assignors.)
Consolidated Sewing Machine & Supply Co. Inc. (See Koch, Frederick, assignor.)
Consolidated Steel Corp. (See Lyons, D. A., and Earl, assignors.)
Consolidated Steel Corp., Ltd. (See Rhodes, Aaron D., assignor.)
Consortium Fuer Elektrochemische Industrie G. m. b. H. (See Sixt, Johann, assignor.)
Consortium für Elektrochemische Industrie, G. m. b. H. (See Mugdan, M., and Wimmer, assignor.)

Constant, Maurice, Scobey, Mont. Apparatus for mineral separation. 2,170,069; Aug. 22.
Constantine, Arthur R. (See Kenney, M. W., and Constantine.)
Constantine, Arthur R., River Forest, assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Refrigerator. 2,149,114; Feb. 28.
Constantine, Arthur R., River Forest, assignor to General Household Utilities Company, Chicago, Ill. Evaporator. 2,155,819; Apr. 25.
Constantine, Arthur R., and M. W. Kenney, River Forest, assignors, by mesne assignments, to William C. Grunow, Chicago, Ill. Refrigerator. 2,182,962; Dec. 12.
Construction Products Corporation. (See Gregg, R. G., and Wirth, assignors.)
Container Corporation of America. (See Kells, Benjamin F., assignor.)
Container Corporation of America. (See Lowey, Roy E., assignor.)
Container Corporation of America. (See Lowey, R. E., and Potter, assignors.)
Container Corporation of America. (See Nemoede, Paul A., assignor.)
Container Corporation of America. (See Parnin, Maurice J., assignor.)
Container Corporation of America. (See Reid, Charles S., assignor.)
Container Corporation of America. (See Saylor, John S., assignor.)
Container Corporation of America. (See Van Saun, Raymond H., assignor.)
Container Fitments, Inc. (See Baldwin, J. H., and Knudsen, assignors.)
Container Patents Corporation. (See Whiting, J., and Wadsworth, assignors.)
Contant, Peter M., Maywood, N. J., assignor to Neckar Company, Inc. Water treatment. 2,160,832; June 6.
Conterman, Bruce L., Central Square, N. Y. Fishing line clamp. 2,183,445; Dec. 12.
Conterman, Fred A., assignor to Blackstone Manufacturing Company, Inc., Jamestown, N. Y. Washing machine wringer. 2,173,514; Sept. 19.
Conterman, Fred A., assignor to Blackstone Manufacturing Company, Inc., Jamestown, N. Y. Washing machine. 2,181,596; Nov. 28.
Continental Can Company. (See Ardron, Gerald L., assignor.)
Continental Can Company. (See Aulbach, Charles J., assignor.)
Continental Can Company. (See Beno, Norman J., assignor.)
Continental Can Company. (See Conway, C. C., Jr., and Morrison, assignors.)
Continental Can Company. (See Egenolf, Jacob F., assignor.)
Continental Can Company. (See Fenn, J. F., and Henchert, assignors.)
Continental Can Company. (See Fink, Henry A., assignor.)
Continental Can Company. (See Fink, H. A., and Haycock, assignors.)
Continental Can Company. (See Flugge, Sylvester L., assignor.)
Continental Can Company. (See Kronquest, Alfred L., assignor.)
Continental Can Company. (See Morrison, Charles C., assignor.)
Continental Can Company. (See Nyden, Robert, assignor.)
Continental Can Company. (See O'Brien, Frank J., assignor.)
Continental Can Company. (See O'Brien, F. J., and Jakob, assignors.)
Continental Can Company. (See O'Brien, F. J., and Punte, assignors.)
Continental Can Company. (See Pearson, Paul E., assignor.)
Continental Can Company. (See Pfeffer, Edward C., Jr., assignor.)
Continental Can Company. (See Plumb, Walter G., assignor.)
Continental Can Company. (See Plumb, W. G., and Schrader, assignors.)
Continental Can Company. (See Prince, Frank N., assignor.)
Continental Can Company. (See Punte, William F., assignor.)
Continental Can Company. (See Punte, W. F., and Baker, assignors.)
Continental Can Company. (See Schmitt, Otto A., assignor.)
Continental Can Company. (See Schrader, Herbert, assignor.)
Continental Can Company. (See Stevenson, A. E., and Flugge, assignors.)
Continental Can Company. (See Wicklund, Sanford, assignor.)
Continental Can Company. (See Yarwood, Lancelot, assignor.)
Continental Can Company Inc. (See Greiner, George J., assignor.)
Continental Car-Na-Var Corporation. (See Petty, Edward L., assignor.)
Continental-Diamond Fibre Company. (See Haroldson, Arthur, assignor.)
Continental-Diamond Fibre Company. (See Hicks, James E., assignor.)
Continental-Diamond Fibre Company. (See Jones, Norman G., assignor.)
Continental Distilling Corporation. (See Knoedler, E. L., and Preston, assignors.)
Continental Gin Company. (See Deems, Frank E., assignor.)
Continental Gin Company. (See Morgan, George C., assignor.)
Continental Gummi-Werke Aktiengesellschaft. (See Karthaus, Hans, assignor.)
Continental Machine Specialties, Inc. (See Coddington, Lloyd, assignor.)
Continental Machine Specialties, Inc. (See Wilkie, Robert J., assignor.)
Continental Machines, Incorporated. (See Wilkie, Leighton A., assignor.)
Continental Motors Corporation. (See Jacoby, Enos R., assignor.)
Continental Motors Corporation. (See Meyer, Andre J., assignor.)
Continental Motors Corporation. (See Vincent, Edward T., assignor.)
Continental Motors Corporation. (See Wilber, Harold E., assignor.)
Continental Oil Company. (See Athy, L. F., and Prescott, assignors.)
Continental Oil Company. (See Bennett, Edwin O., assignor.)
Continental Oil Company. (See Brown, John W., assignor.)
Continental Oil Company. (See Chaffee, Carl C., assignor.)
Continental Oil Company. (See Dyer, Joseph G., assignor.)
Continental Oil Company. (See Lincoln, Bert H., assignor.)
Continental Oil Company. (See Lincoln, B. H., and Steiner, assignors.)
Continental Oil Company. (See McNeese, C. H., and Loveless, assignors.)
Continental Oil Company. (See Prescott, Harold R., assignor.)
Continental Oil Company. (See Rees, Frank H., assignor.)
Continental Oil Company. (See Rieber, Frank, assignor.)
Continental Oil Company. (See Sibley, Barrett E., assignor.)
Continental Oil Company. (See Waltermire, Fred F., assignor.)
Continental Oil Company. (See Woodyard, K. C., Putnam, and Prescott, assignors.)
Continental Radio and Television Corp. (See Hoffmann, Elmer L., assignor.)
Continental Research Corporation. (See Gayer, F. H., and Fawkes, assignors.)
Continental Roll and Steel Foundry Company. (See Duda, Wentzel R., assignor.)
Continental Rubber Works. (See Bohrer, Joseph H., assignor.)
Continental Rubber Works. (See Shenk, C. C., and Lansberry, assignors.)
Continental Say When Corporation. (See Bates, Lawrence G., assignor.)
Continental Screw Company. (See Brown, Frank K., assignor.)
Continental Shoe Corporation. (See Auerbach, Hyman, assignor.)
Continental Steel Corporation. (See Hill, J. H., and Theiss, assignors.)
Continental Steel Corporation. (See Schueler, Julian L., assignor.)
Continental Steel Corporation. (See Scott, Thomas C., assignor.)
Continental Steel Corporation. (See Theiss, Harry W., assignor.)
Contino, Nicholas, assignor to Burton-Dixie Corporation, Chicago, Ill. Spring cushion. 2,182,069; Dec. 5.
Conto, Armando F., Chicago, Ill. Fluoroscope for the oral cavity and making the same. 2,179,249; Nov. 7.
Contraves A.-G. (See Fischer, Friedrich E., assignor.)
Control Equipment Corporation. (See Myers, Sidney E., assignor.)
Control Instrument Company. (See Wadsworth, Leslie H., assignor.)
Control Instrument Company. (See Warnke, Herbert R., assignor.)
Controlair Manufacturing Co. (See Wheeler, Charles S., assignor.)
Conviser, Maxwell B., Kingsport, Tenn., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Apparatus for the azeotropic distillation of aqueous solutions of aliphatic acids. 2,146,721; Feb. 14.
Conway, Carle C., Jr., and C. C. Morrison, assignors to Continental Can Company, Inc., New York, N. Y. Water color paint box. 2,165,345; July 11.
Conway, Elisha A., Williamsport, Pa. Combination comb and stretching pin. 2,148,927; Feb. 28.
Conway, John C. (See Hanson, Frank O., assignor.)
Conway, John J., assignor to The Acme Shear Company, Bridgeport, Conn. Scissors and shears. 2,169,580; Aug. 15.

Conway, Roy. (See Leistner, C. A., and Conway.)
Conwell, Charles B. (See Ragsdale, E. J. W., Conwell, and Jordan.)
Conwell, Scott R. (See Edwards, W. C., and Conwell.)
Conwell, William A., Cincinnati, Ohio. Air circulating attachment for refrigerator cars. 2,184,488; Dec. 26.
Conyne, Russell E., and T. P. Dolby, assignors to Elgin National Watch Company, Elgin, Ill. Balance staff. 2,174,122; Sept. 26.
Conzelman, Joseph H., assignor to Alabama Asphaltic Limestone Company, Birmingham, Ala. Cold laid rock asphalt paving mixture and method of making. 2,160,833; June 6.
Conzelman, Joseph H., assignor to Alabama Asphaltic Limestone Company, Birmingham, Ala. Bituminous non-skid pavement. 2,180,339; Nov. 21.
Conzetti, Achille, assignor to the firm J. R. Geigy S. A., Basel, Switzerland. Azo dyestuffs and their manufacture. 2,158,407; May 16.
Conzetti, Achille, assignor to J. R. Geigy A. G., Basel, Switzerland. Azo dyestuffs and their manufacture. 2,182,721; Dec. 5.
Conzetti, Achille, and A. Oulevay, assignors to the firm of J. R. Geigy A. G., Basel, Switzerland. O-hydroxyazo dyestuffs and their manufacture. 2,173,410; Sept. 19.
Coogan, Frederick L., and E. O. Houx, Sayre, Okla. Shale separator. 2,177,560; Oct. 24.
Cook, A. D., Inc. (See Swanson, Raymond, E., assignor.)
Cook, Arthur. (See Vincent, G. G., and Cook.)
Cook, Charles B., Los Angeles, Calif. Box and fruit treating apparatus. 2,145,475; Jan. 31.
Cook, Charles E., South Porcupine, Ontario, Canada. Detachable bit rock drill. 2,144,832; Jan. 24.
Cook, Charles E., South Porcupine, Ontario, assignor to International Detachable Bits & Equipment, Limited, Timmins, Ontario, Canada. Forming detachable drill bit shanks. 2,142,239; Jan. 3.
Cook, Charles E., Atlanta, Ga., assignor of two-fifths to H. W. Cook, Sr., Coral Gables, Fla., and two-fifths to S. B. C. Wall, Atlanta, Ga. Wave motor. 2,154,397; Apr. 11.
Cook, Charles E., South Porcupine, assignor to International Detachable Bits & Equipment Limited, Timmins, Ontario, Canada. Detachable drill bit shank slotting device. 2,159,840; May 23.
Cook, Charles E., South Porcupine, assignor to International Detachable Bits & Equipment Limited, Timmins, Ontario, Canada. Reconditioning detachable drill bits. 2,159,841; May 23.
Cook, Charles E., South Porcupine, assignor to International Detachable Bits & Equipment, Limited, Timmins, Ontario, Canada. Fabricating detachable drill bits. 2,159,842; May 23.
Cook, Charles E., South Porcupine, Ontario, assignor to International Detachable Bits & Equipment, Limited, Timmins, Ontario, Canada. Device for fabricating detachable drill bits. 2,163,935; June 27.
Cook, Charles H., Emsworth, assignor to The Sterling Varnish Company, Haysville, Pa. Insulating composition. 2,144,425; Jan. 17.
Cook, Curtis L., assignor to Syracuse Chilled Plow Co., Inc., Syracuse, N. Y. Potato digger. 2,172,435; Sept. 12.
Cook Electric Company. (See Baker, John S., assignor.)
Cook Electric Company. (See Folds, George R., assignor.)
Cook, Ellsworth D. (See Luck, D. G. C., and Cook.)
Cook, Elmer W. (See Major, R. T., and Cook.)
Cook, Elmer W., New York, N. Y., assignor to Tide Water Associated Oil Company, Bayonne, N. J. Preparing secondary aryl amines. 2,165,747; July 11.
Cook, Elmer W., New York, N. Y., assignor to Tide Water Associated Oil Company, Bayonne, N. J. Stabilized mineral oil. 2,167,273; July 25.
Cook, Elmer W., New York, N. Y., assignor to Tide Water Associated Oil Company, Bayonne, N. J. Lubricating oil and lubrication therewith. 2,177,561; Oct. 24.
Cook, Everett J., assignor to H. H. Buggie & Company, Toledo, Ohio. Duplicating machine. 2,154,974; Apr. 18.
Cook, Everett J., assignor to H. H. Buggie & Company, Toledo, Ohio. Engraving apparatus. 2,163,271; June 20.
Cook, Everett J., assignor, by mesne assignments, to H. H. Buggie & Company, Toledo, Ohio. Engraving apparatus. 2,176,665; Oct. 17.
Cook, Everett J., assignor to H. H. Buggie & Company, Toledo, Ohio. Duplicating machine. 2,176,666; Oct. 17.
Cook, Frank L., South Bend, Ind. Chain pipe wrench. 2,151,268; Mar. 21.
Cook, George A., Washington, D. C. Fishing line distributor. 2,155,753; Apr. 25.
Cook, Harry W., Malta, Ohio. Mullion fastening means. 2,163,831; June 27.
Cook, Harry W., Malta, Ohio. Sash counterbalancing means for window frames. 2,171,252; Aug. 29.
Cook, Herman W., Sr., et al. (See Cook, Charles E., assignor.)
Cook, Howard D., Elyria, Ohio, assignor to National Tube Company. Edge rolling. 2,184,582; Dec. 26.
Cook, Howard D., Elyria, and F. M. Scharff, Lorain, Ohio, assignors to National Tube Company. Workpiece vise for cutting devices. 2,165,614; July 11.
Cook, James B. (See Milligan, Herschel L., assignor.)
Cook, Jerome E., Larchmont, N. Y., assignor to Carrateck Corporation. Method and apparatus for animated amusement devices. 2,179,084; Nov. 7.
Cook, John, Ridgewood, N. J., assignor to Cornish Wire Company, New York, N. Y. Apparatus for annealing moving wire. 2,176,582; Oct. 17.
Cook, John, Ridgewood, N. J., assignor to Cornish Wire Company, New York, N. Y. Annealing apparatus. 2,176,583; Oct. 17.
Cook, John A., McAfee, N. J. Automatic weighing bag filler. 2,181,756; Nov. 28.
Cook, John B., assignor to Reliable Electric Company, Chicago, Ill. Dead end clamp. 2,180,977; Nov. 21.
Cook, John V., assignor to The Petersen Oven Company, Chicago, Ill. Door for baking ovens and mounting means therefor. 2,175,954; Oct. 10.
Cook, Junius F., Jr., and J. B. Moore, Chicago, Ill., as signors to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Dispensing apparatus. 2,150,025; Mar. 7.
Cook Laboratories, Inc. (See Lozier, M., and Frost, assignors.)
Cook, Leo J., assignor, by mesne assignments, to Industrial Patents Corporation, Chicago, Ill. Animal-carcass tongue protector. 2,168,731; Aug. 8.
Cook, Leon W., Beacon, assignor to The Texas Company, New York, N. Y. Dewaxing of mineral oils. 2,181,638; Nov. 28.
Cook, Leon W., and C. C. Towne, Beacon, assignors to The Texas Company, New York, N. Y. Removal of wax from hydrocarbon oil. 2,147,573; Feb. 14.
Cook, Leonard W., Bridgeport, Conn., assignor to General Electric Company. Electric receptacle. 2,149,084; Feb. 28.
Cook, Lewis R., and M. T. Goetz. Chicago, Ill., assignor, by mesne assignments, to Teletypesetter Corporation. Keyboard perforator and counter. 2,179,493; Nov. 14.
Cook, Michael S. (See Heintz, J. S., and Cook.)
Cook, Mildred G., Big Rapids, Mich. Detachable fastener for garments and the like. 2,160,492; May 30.
Cook, Miller B., Beloit, Wis. Drawing table. 2,175,503; Oct. 10.
Cook, Nelson E., assignor to Wheeling Steel Corporation, Wheeling, W. Va. Method and solution for pickling and cleaning metal. 2,158,992; May 16.
Cook, Stanley S., and L. M. Douglas, assignors to The Parsons Marine Steam Turbine Company, Limited, Wallsend-on-Tyne, England. Toothed gearing. 2,176,956; Oct. 24.
Cook, Willard G., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Tension control system. 2,162,527; June 13.
Cook, Willard G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Shear control system. 2,175,828; Oct. 10.
Cook, Willard G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Force regulating system. 2,182,659; Dec. 5.
Cook, William A., Chicago, Ill. Insulating partition. 2,168,299; Aug. 1.
Cook, William E., New York, N. Y. Making insulated wire. 2,155,403; Apr. 25.
Cook, William E., West New Brighton, N. Y. Insulated wire and making same. 2,164,904; July 4.
Cook, William H., Ottawa, Ontario, Canada. Humidity control for refrigerated spaces. 2,149,990; Mar. 7.
Cook, Willis D., Marysville, Calif. Floodlight support. 2,150,542; Mar. 14.
Cook, Victor L., Pewamo, Mich. Heating stove. 2,158,742; May 16.
Cooke, Albert W. M. (See Moncrieff, R. W., and Cooke.)
Cooke, Ernest A. (See Taylor, W., and Cooke.)
Cooke, George T., Norwalk, assignor to American Railway Products Co., Inc., Darien, Conn. Cotter pin locking device. 2,151,316; Mar. 21.
Cooke, George T., Norwalk, assignor to American Railway Products Co., Inc., Darien, Conn. Split bushing. 2,161,559; June 6.
Cooke, Giles B., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Producing rubber hydrochloride. 2,151,839; Mar. 28.
Cooke, Harold, (See Webster, Clarence O., assignor.)
Cooke, Horace B., Arlington, Va., assignor to Gulf Oil Corporation, Pittsburgh, Pa. Manufacture of stabilized motor fuel. 2,151,374; Mar. 21.
Cooke, Horace B., Alexandria, Va., and M. R. Mandelbaum, New York, N. Y., assignors to The Gray Processes Corporation, Newark, N. J. Hydrocarbon treatment. 2,172,436; Sept. 12.
Cooke, Horance B., Greenwich, Conn., assignor to Process Management Company, Inc., New York, N. Y. Manufacture of gasolinelike hydrocarbons. 2,154,064; Apr. 11.
Cooke, James W., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,155,373; Apr. 18.
Cooke, Maurice B., Plainfield, N. J., and E. Petty, Scarsdale, N. Y., assignors, by mesne assignments, to Sun Oil Company, Philadelphia, Pa. Deasphalting and dewaxing hydrocarbon oils. 2,154,493; Apr. 18.
Cooke, Ralph, South Belmar, N. J. Electric lighting socket shock insulator. 2,161,774; June 6.
Cooksey, Otha, assignor of fifty per cent to S. M. Gorgas, Louisville, Ky. Test light. 2,164,106; June 27.
Cookware Company of America. (See Howlett, Lewis G., assignor.)

Cool, David E., St. Louis, assignor of one-half to R. F. Moore, Clayton, Mo. Machine for attaching heels to shoes. 2,144,143; Jan. 17.
Cooley, Austin G., Rutherford, N. J., assignor to Wide World Photos, Inc., New York, N. Y. Telephoto apparatus. 2,145,072; Jan. 24.
Cooley, Austin G., assignor to Wide World Photos, Inc., New York, N. Y. Temperature regulated tuning fork. 2,174,414; Sept. 26.
Cooley, Austin G., Rutherford, N. J., assignor to Wide World Photos, Inc., New York, N. Y. Signal transmission method and apparatus. 2,179,445; Nov. 7.
Cooley, Francis N., and R. J. Harter, Newcastle, Ind., assignors to Chrysler Corporation, Highland Park, Mich. Power transmitting device. 2,182,395; Dec. 5.
Cooley, Ralph M., and R. R. Rand, Jr., assignors to Trafficscope, Inc., Minneapolis, Minn. Vision apparatus. 2,162,160; June 13.
Cooley, Ruth, Springfield, Mass. Decorative article. 2,143,141; Jan. 10.
Coolidge, William D., Schenectady, N. Y., assignor to General Electric Company. Image reproduction. 2,158,853; May 16.
Coolidge, William D., and W. K. Kearsley, Schenectady, N. Y., assignors to General Electric Company. Electrostatic machine. 2,181,724; Nov. 28.
Cooling, Mary M. (See Muilett, Frank, assignor.)
Coombs, James W., Chicago, Ill. File stoage structure. 2,163,484; June 20.
Coon, W. B., Co. (See Treat, Parker E., assignor.)
Cooney, John R., Waldoboro, Maine. Photoelectric system. 2,169,405; Aug. 15.
Cooney Refrigeration Company. (See Murphy, Harry S., assignor.)
Coons, Curtis C. (See Nelson, R. S. and Coons.)
Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Absorption refrigeration. 2,152,241; Mar. 28.
Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Absorber for refrigerating systems. 2,156,912; May 2.
Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Liquid circulating device. 2,161,408; June 6.
Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Absorption refrigerating system. 2,178,560; Nov. 7.
Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Absorption refrigerating apparatus. 2,178,561; Nov. 7.
Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Absorber for refrigerating systems. 2,178,869; Nov. 7.
Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Continuous absorption refrigerating system. 2,178,870; Nov. 7.
Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Absorption refrigeration. 2,181,561; Nov. 28.
Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Rectifier for absorption refrigerators. 2,184,991; Dec. 26.
Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Absorption refrigeration system. 2,184,992; Dec. 26.
Coons, Curtis C., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,184,993; Dec. 26.
Cooper, Albert E., Tracy, Calif. Combination bait and tackle box. 2,153,549; Apr. 11.
Cooper, Albert N., deceased, Keene, Tex., by M. H. Cooper, administratrix, Roy, Mo. Spark plug. 2,158,743; May 16.
Cooper, Allyn R., Marshalltown, Iowa. Power attachment for lawn mowers. 2,160,259; May 30.
Cooper, Arthur, Elvaton, Md. Expansible plate clamp assembly for a cylinder of a printing press. 2,181,846; Nov. 28.
Cooper, Augusta S., et al. (See Cooper, Charles R., assignor.)
Cooper, Benjamin, New York, N. Y. Switch. 2,165,227; July 11.
Cooper, Benjamin, New York, N. Y. Treadle controlled system. 2,166,090; July 11.
Cooper-Bessemer Corporation. (See Gehres, Hewitt A., assignor.)
Cooper, Carl W., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Logging device. 2,156,052; Apr. 25.
Cooper, Charles R., assignor to himself and A. S. Cooper, San Francisco, Calif., jointly. Making food products and products produced thereby. 2,145,108; Jan. 24.
Cooper & Cooper, Inc. (See Donchi, Mendel, assignor.)
Cooper & Cooper, Inc. (See Lougheed, Victor, assignor.)
Cooper, Frank P., Clifton, Ohio. Mechanical pencil. 2,166,751; July 18.
Cooper, Fred C., Maywood, Ill. Display device. 2,150,712; Mar. 14.
Cooper, George M. (See Eastburn, S. L., and Cooper.)
Cooper, Harry A., Maplewood, N. J. Treating metal surfaces to inhibit corrosion. 2,149,253; Mar. 7.
Cooper, Hugh S., Cleveland Heights, assignor to Cooper Products, Inc., Cleveland, Ohio. Making surface alloyed materials. 2,145,234; Jan. 31.
Cooper, Hugh S., Cleveland Heights, assignor to Cooper Products, Inc., Cleveland, Ohio. Chromizing. 2,157,594; May 9.
Cooper, Hugh S., Shaker Heights, assignor to Cooper Products, Inc., Cleveland, Ohio. Liquid coating composition. 2,152,536; Mar. 28.
Cooper, Hugh S., Shaker Heights, assignor to Cooper Products, Inc., Cleveland, Ohio. Making lead alloys. 2,156,802; May 2.
Cooper, Hugh S., Shaker Heights, and V. R. Damerell, assignors to Cooper Products, Inc., Cleveland, Ohio. Lubricant. 2,156,803; May 2.
Cooper, Hugh S., and C. H. Van Dusen, Jr., Cleveland Heights, Ohio, assignors, by mesne assignments, to Cooper-Wilford Beryllium, Ltd. Making alloys. 2,157,979; May 9.
Cooper, Irving B., Allendale, N. J. Vehicle body construction. 2,145,919; Feb. 7.
Cooper, James. (See McChesney, D., and Cooper.)
Cooper, James, Solvay, and J. M. Wall, assignors to Hall & McChesney, Inc., Syracuse, N. Y. Loose-leaf binder. 2,156,147; Apr. 25.
Cooper, James, Solvay, and G. H. J. Baule, assignors to Hall & McChesney, Inc., Syracuse, N. Y. Loose lead binder. 2,159,009; May 23.
Cooper, James F., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Motor mounting for inflatable boats. 2,150,420; Mar. 14.
Cooper, Jehu P., Woodbridge, and D. W. Light, assignors to International Smelting and Refining Company, Perth Amboy, N. J. Electrodepositing tin. 2,156,427; May 2.
Cooper, John K. (See Wilson, James G., assignor.)
Cooper, John K., Premier, W. Va. Window-sash lock. 2,147,966; Feb. 21.
Cooper, La Mar S., Erie, Pa., assignor to General Electric Company. Power system. 2,154,303; Apr. 11.
Cooper, Lester S. (See Roberts, D., and Cooper.)
Cooper, Lester S., Bedford, Va., assignor to Rubatex Products, Inc., New York, N. Y. Smell elimination in rubber products. 2,179,494; Nov. 14.
Cooper, Lonzo S., Piqua, assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,159,928; May 23.
Cooper, Mary H., administratrix. (See Cooper, Albert N.)
Cooper, Morris, Chicago, Ill. Display apparatus. 2,157,400; May 9.
Cooper, Morris, Chicago, Ill. Combined advertising device and card holder. 2,143,343; Jan. 10.
Cooper, Morris, Chicago, Ill. Display device. 2,146,173; Feb. 7.
Cooper, Nelson C., Marshallton, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Safety device. 2,162,326; June 13.
Cooper Products, Inc. (See Cooper, Hugh S., assignor.)
Cooper Products, Inc. (See Cooper, H. S., and Damerell, assignors.)
Cooper, Robert J. (See Logan, J. T., Richardson, Cooper, and Benziger.)
Cooper, Sutton, assignor of one-half to E. A. Lorch, Evansville, Ind. Animal trap. 2,155,006; Apr. 18.
Cooper-Wilford Beryllium, Ltd. (See Cooper, H. S., and Van Dusen, assignors.)
Cooper, William H. (See Toth, E., and Cooper.)
Cooper, William W., Harrisburg, Pa., assignor to Bethlehem Steel Company. Foundry mold and the like. 2,160,645; May 30.
Cooper, William W., Harrisburg, Pa., assignor to Bethlehem Steel Company. Foundry mold. 2,163,373; June 20.
Coordes, Harry G., assignor to Griggs Manufacturing Company, Detroit, Mich. Lavatory cabinet. 2,146,939; Feb. 14.
Coordes, Harry G., assignor to Briggs Manufacturing Company, Detroit, Mich. Sink. 2,157,785; May 9.
Coordes, Harry G., assignor to Briggs Manufacturing Company, Detroit, Mich. Sink and table assembly. 2,157,786; May 9.
Coote, Donald W., Baldwin, N. Y., assignor to Trans-Lux Corporation. System for the distribution of electrical energy. 2,144,363; Jan. 17.
Cope, Albert C. (See Ford, F. P., Cope, and Gough.)
Cope, Arthur C., Bryn Mawr, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Production of secondary alkylidene cyanoacetic esters. 2,150,154; Mar. 14.
Cope, Arthur C., Bryn Mawr, Pa., W. H. Hartung, Baltimore, Md., and F. S. Crossley, assignors to Sharp & Dohme, Incorporated (1929), Philadelphia, Pa. Production of alkyl and aralkyl cyanoacetic esters. 2,176,018; Oct. 10.
Cope, Clifford L., assignor to J. E. Goerlich, Toledo, Ohio. Combined heater and defroster. 2,165,615; July 11.
Cope, Frank T., assignor to The Electric Furnace Company, Salem, Mass. Lubricating construction for roller rails for furnaces. 2,167,640; Aug. 1.
Cope, Harold, Monongahela, Pa., assignor to The American Steel and Wire Company of New Jersey. Stock line wearing element. 2,148,856; Feb. 28.
Cope, John Q., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Liquid distributor. 2,150,491; Mar. 14.
Cope, Joseph H., Denver, Colo., assignor to Western Land Roller Company, Hastings, Nebr. Power operated sweep rake. 2,147,884; Feb. 21.
Cope, Kenneth B. (See Swartz, Richey L., assignor.)

Copeland, Charles R., assignor of forty-five per cent to S. C. Olsen, Los Angeles, Calif. Live bait fishhook. 2,143,054; Jan. 10.
Copeland, Claude F. (See Doll, C. E., and Copeland.)
Copeland, Elisha S., Batesburg, S. C. Fastening device for window and picture frames. 2,173,753; Sept. 19.
Copeland, George A., Rochester, N. Y. Container and partition therefor. 2,169,318; Aug. 15.
Copeland, John E. (See Le Jeune, F. H., and Copeland.)
Copeland, Tilden, Sweetwater, Tex. Ventilator blind. 2,153,075; Apr. 4.
Copeland, Walter M., Lexington, Mass. Collapsible case. 2,179,843; Nov. 14.
Copell, Daniel K., New York, N. Y. Article holder. 2,161,854; June 13.
Copell, Daniel K., New York, N. Y. Support. 2,161,855; June 13.
Copeman Laboratories Company. (See Copeman, Lloyd G., assignor.)
Copeman, Lloyd G., Flint, Mich. Bird shelter. 2,151,010; Mar. 21.
Copeman, Lloyd G., Flint, Mich. Mounting bracket. 2,184,633; Dec. 26.
Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Dispensing device for sheet rubber deposited from an aqueous dispersion of rubber and forming and using same. Re. 21,065; May 2.
Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Protective coating and applying and removing. 2,169,225; Aug. 15.
Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Coating knit articles and products thereof. 2,172,251; Sept. 5.
Copeman, Lloyd G., assignor to Copeman Laboratories Company, Flint, Mich. Portable beverage conditioning and dispensing apparatus. 2,182,116; Dec. 5.
Copeman, Lloyd G., Lapeer, assignor to Copeman Laboratories Company, Flint, Mich. Coating knit articles and products thereof. Re. 21,269; Nov. 21.
Copenhaver, George H. (See Court, A. B., Copenhaver, and Flodin.)
Copenhaver, John W. (See Russell, A., and Copenhaver.)
Copland, Charles J., North Kansas City, Mo., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Production of high purity crystalline dextrose. 2,152,874; Apr. 4.
Copley, Michael J. (See Zellhoefer, G. F., Marvel, and Copley.)
Copley, Michael J., Urbana, assignor to G. F. Zellhoefer, Normal, Ill. Absorption medium. 2,149,937; Mar. 7.
Copous, Bill, New Albany, Miss. Animal yoke. 2,145,179; Jan. 24.
Copp, Ernest G., Worcester, Mass. Inside curtain and support. 2,182,396; Dec. 5.
Coppel, Charles R., New Hartford, and B. Morse and V. D. Riseley, Herkimer, assignors to Duofold, Inc., Mohawk, N. Y. Knitted undergarment. 2,176,790; Oct. 17.
Copper Houses, Inc. (See Whelan, John J., assignor.)
Copperweld Steel Company. (See Antisell, Frank L., assignor.)
Coppock, Ira M., Dayton Ohio, assignor of five one-hundredths to N. D. Parker, Jr., Washington, D. C., thirty-two one-hundredths to H. D. Humphrey, and thirty-two one-hundredths to G. S. Blackmore, Pittsburgh, Pa. Supporting mechanism. 2,154,323; Apr. 11.
Coppock, Philip D., Higher Bebington, England. Production of modified dextrins. 2,181,782; Nov. 28.
Coppock, Thomas L., Buenos Aires, Argentina. Copy holder for use with typewriters, calculating, and like machines. 2,146,465; Feb. 7.
Coppola, James, and G. R. Robinson, Lynn, Mass. Brake mechanism. 2,158,175; May 16.
Coppus Engineering Corporation. (See Wechsberg, O., and Werner, assignors.)
Coppus, Frans H. C., Princeton, Mass., assignor, by mesne assignments, to L. M. Erskine and V. W. and F. H. C. Coppus, as trustees. System of drafting locomotives in roundhouses. Re. 21,308; Dec. 26.
Coppus, Frans H. C., Princeton, assignor to L. M. Erskine, Worcester, V. W. and F. H. C. Coppus, Princeton, Mass., trustees. System of drafting locomotives. 2,159,472; May 23.
Coppus, Vera W., et al. (See Coppus, Frans H. C., assignor.)
Coppus, Vera W., et al., trustees. (See Coppus, Frans H. C., assignor.)
Copson, Raymond L. (See Curtis, H. A., and Copson.)
Copson, Raymond L., near Sheffield, Ala. Treating phosphate rock to eliminate fluorine. 2,143,865; Jan. 17.
Copy Right Mfg. Corporation. (See Callin, J. J., and Shantz, assignors.)
Coram, Robert McI., Winnipeg, Manitoba, Canada. Dry cleaning machine. 2,143,301; Jan. 10.
Corbett, Alfred, Irwin, Pa., assignor to National Electric Products Corporation. Fuse block. 2,145,154; Jan. 24.
Corbett, Alfred, Irwin, Pa., assignor to National Electric Products Corporation. Fuse cabinet. 2,145,155; Jan. 24.
Corbett, Alfred, Irwin, Pa., assignor to National Electric Products Corporation. Fuse mounting. 2,172,190; Sept. 5.
Corbett, John M., Huntington Park, assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Ripper. 2,153,038; Apr. 4.
Corbett, John M., Huntington Park, assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Trail builder. 2,173,158; Sept. 19.
Corbett, Lawrence B., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Coating machine. 2,146,285; Feb. 7.
Corbett, Lawrence W. (See Schmidt, W. D., Burns, and Corbett.)
Corbett, Lawrence W., Worcester, assignor of thirty-three per cent to R. N. Doble, Hingham, and thirty-four per cent to W. H. Doble, Quincy, Mass. Method of and apparatus for burning low-volatile fuel. 2,180,196; Nov. 14.
Corbett, Sewell M., Fort Bragg, N. C. Fungicidal soap. 2,160,834; June 6.
Corbin, Douglas H., Dunstable, Mich., assignor to General Motors Corporation, Detroit, Mich. Manufacture of spark plugs. 2,162,062; June 13.
Corbin, Elbert A., Jr., Morton, assignor of one-half to W. C. Biddle, Lansdowne, Pa. House construction. 2,156,277; May 2.
Corbin, Elbert A., Jr., assignor to W. C. Biddle, Lansdowne, Pa. Knock-down furniture frame. 2,166,941; July 25.
Corbin, Elbert A., Jr., assignor to W. C. Biddle, Lansdowne, Pa. Valve construction. 2,177,349; Oct. 24.
Corcoran, Edward G., Los Angeles, assignor to S. D. Buster, Jr., Sausalito, Calif. Card punching and slotting machine. 2,149,583; Mar. 7.
Corcoran, Edward S., Baltimore, Md. Changeable advertising display. 2,144,217; Jan. 17.
Corcoran, James L. (See Briscoe, J., and Corcoran.)
Corcoran, James L., Bridgeport, Conn., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Valve. 2,151,501; Mar. 21.
Corcoran, John J. (See Hull, S. P., and Corcoran.)
Cord-Away Mfg. Co. (See Ogle, John P.)
Cordeiro, Joseph, New Bedford, assignor to Atlas Tack Corporation, Fairhaven, Mass. Eyelet. 2,170,708; Aug. 22.
Cordier, David E., Toledo, Ohio, and E. H. Balz, Pittsburgh, Pa., assignors to Plaskon Company, Incorporated. Cement and making the same. 2,167,874; Aug. 1.
Cordova, Frank, Hempstead, N. Y. Mechanism for preventing formation of ice on windshields. 2,178,068; Oct. 31.
Cordova, Joaquin P., El Paso, Tex. Stiffening truss. 2,161,337; June 6.
Cordrey, Almon J., and M. Wagner, assignors to The Liquid Carbonic Corporation, Chicago, Ill. Method and apparatus for packaging. 2,156,561; May 2.
Cordsmeier, Otto. (See Wundt, R. M., and Cordsmeier.)
Core Laboratories, Inc. (See Horner, William L., assignor.)
Corel, Victoria G., San Leandro, Calif. Liquid applicator. 2,170,550; Aug. 22.
Corell, Martin. (See Kränzlein, G., Corell, and Popp.)
Corey, Donald H. (See Fugill, A. P., and Corey.)
Corey, Elmer O., Norwood, assignor to The Edna Brass Manufacturing Company, Cincinnati, Ohio. Force feed lubricator. 2,183,986; Dec. 19.
Corey, George H., assignor of forty-five per cent to E. Mantell, and ten per cent to Levisohn Niner & Levisohn, New York, N. Y. Radio tuning apparatus. 2,155,304; Apr. 18.
Corey, George H., assignor of one-half to E. C. Gillette, New York, N. Y. Method and apparatus for producing optical effects. 2,184,138; Dec. 19.
Corey, John W. (See Heath, S. B., and Corey.)
Corey, Ralph C., et al. (See Farineau, Alfred J., assignor.)
Corhart Refractories Company. (See Fulcher, Gordon S., assignor.)
Cork, Edward C., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Aerial. 2,153,298; Apr. 4.
Cork, Edward C., Ealing, London, and J. L. Pawsey, Hillingdon, assignors to Electric & Musical Industries Limited, Hayes, England. High frequency signaling system. 2,165,961; July 11.
Cork, Edward C., Ealing, London, and J. L. Pawsey, Hillingdon, assignors to Electric & Musical Industries Limited, Middlesex, England. Wireless aerial system. 2,167,709; Aug. 1.
Cork, Edward C., Ealing, London, and J. L. Pawsey, Hillingdon, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electric wave filter. 2,176,211; Oct. 17.
Cork, Edward C., London, and J. L. Pawsey, Hillingdon, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Aerial mounting. 2,184,940; Dec. 26.
Corkery, Frank W., Crafton, Pa., assignor to Pennsylvania Industrial Chemical Corporation. Purification of still residue. 2,172,437; Sept. 12.
Corkery, Frank W., Crafton, Pa. Paint and tile base. 2,180,729; Nov. 21.
Corkery, Frank W., Crafton, Pa., assignor to Pennsylvania Industrial Chemical Corporation. Separation of sulphonates. 2,180,728; Nov. 21.

Corlett, Webster D., Oak Park, Ill., assignor to Standard Screw Company, Hartford, Conn. Valve tappet and adjusting screw assembly. 2,154,494; Apr. 18.
Corley, Andrew J., Jr. (See Bendict, Rome R., assignor.)
Corley, John T., Providence, R. I. Fire fighting equipment. 2,144,619; Jan. 24.
Corliss Manufacturing Co. (See Glasker, Jacob, assignor.)
Corliss, William J., Dunkirk, N. Y. Tubular water gauge sight glass. 2,149,163; Feb. 28.
Cormack, John A., assignor of one-half to C. W. Schuchardt, Milwaukee, Wis. Marking lump materials. 2,169,226; Aug. 15.
Corman, Louis. (See Weisberg, M., and Corman.)
Cormany, Charles M., Eddy, Tex. Row marker. 2,175,282; Oct. 10.
Cormier, Ada, et al. (See Cormier, Farrier, assignor.)
Cormier, Farrier, assignor of one-third to O. Matt and one-third to A. Cormier, Welsh, and one-third to T. Cormier, Jefferson Davis Parish, La. Valve mechanism for engines. 2,181,872; Dec. 5.
Cormier, Frank L., East Braintree, and H. L. Larson, East Weymouth, Mass. Safety device for boilers. 2,157,163; May 9.
Cormier, Phillippe D., New Bedford, Mass. Candle extinguisher. 2,158,744; May 16.
Cormier, Theobert, et al. (See Cormier, Farrier, assignor.)
Corn Industries Research Foundation. (See Lewis, Winford L., assignor.)
Corn Products Refining Company. (See Bode, Harold E., assignor.)
Corn Products Refining Company. (See Bruce, Thomas A., assignor.)
Corn Products Refining Company. (See Buchanan, John H., assignor.)
Corn Products Refining Company. (See Cantor, Sidney M., assignor.)
Corn Products Refining Company. (See Copland, Charles J., assignor.)
Corn Products Refining Company. (See Gerber, Louis, assignor.)
Corn Products Refining Company. (See Hagen, Carl, assignor.)
Corn Products Refining Company. (See Horesi, Anthony C., assignor.)
Corn Products Refining Company. (See Kelling, Alfred H., assignor.)
Corn Products Refining Company. (See Lauterbach, William J., assignor.)
Corn Products Refining Company. (See Mark, Arthur M., assignor.)
Corn Products Refining Company. (See Middleton, Herbert T., assignor.)
Corn Products Refining Company. (See Miner, C. S., and Thompson, assignors.)
Corn Products Refining Company. (See Moskowitz, M., and Meisel, assignors.)
Corn Products Refining Company. (See Otterbacher, Theodore J., assignor.)
Corn Products Refining Company. (See Schroeder, Emerson F., assignor.)
Corn Products Refining Company. (See Sturken, Oswald, assignor.)
Corn Products Refining Company. (See Swallen, Lloyd C., assignor.)
Cornelissen, Arnold J., Buffalo, N. Y. Vehicle wheel. 2,160,199; May 30.
Cornelius, Anders E. A. S., Baltimore, Md., assignors to Crown Cork & Seal Company, Inc. Preparing alkali salts. 2,154,439; Apr. 18.
Cornelius, Ernst-A., Berlin-Charlottenburg, Germany, assignor to Askania-Werke A. G. Gyroscopic apparatus. 2,175,143; Oct. 3.
Cornelius, Frank H., and W. N. Green, Wilkinsburg, Pa. Heating system. 2,169,601; Aug. 15.
Cornelius, Louis A., assignor to Wolverine Brass Works, Grand Rapids, Mich. Valve structure. 2,147,332; Feb. 14.
Cornelius, Paul D., Tulsa, Okla., assignor to Sullivan Machinery Company. Safety means for motors. 2,172,240; Sept. 5.
Cornelius, Peter H. K. G., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Regenerative radio receiver. 2,171,139; Aug. 29.
Cornelius, Richard T., Minneapolis, Minn. Ventilating device. 2,164,608; July 4.
Cornell-Dubilier Corporation. (See Dubilier, William, assignor.)
Cornell-Dubilier Corporation. (See Weiss, Felix, assignor.)
Cornell-Dubilier Electric Corporation. (See Gray, Donald E., assignor.)
Cornell, Edward S., Jr., Larchmont, assignor to American Radiator Company, New York, N. Y. Producing integral wrought valve bodies and the resulting valve bodies. 2,147,243; Feb. 14.
Cornell, Edward S., Jr., Larchmont, assignor to American Radiator Company, New York, N. Y. Integral wrought metal valve body. 2,147,244; Feb. 14.
Cornell, Edward S., Jr., Larchmont, assignor to American Radiator Company, New York, N. Y. Manufacturing wrought nonferrous pipe fittings. 2,155,079; Apr. 18.
Cornell, Edward S., Jr., Larchmont, assignor to American Radiator Company, New York, N. Y. Elbow and kindred pipe fittings. 2,155,080; Apr. 18.
Cornell, Edward S., Jr., Larchmont, assignor to American Radiator Company, New York, N. Y. Muffler. 2,157,115; May 9.
Cornell, Edward S., Jr., Larchmont, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Producing integral wrought metal valve bodies. 2,165,228; July 11.
Cornell, Edward S., Jr., Larchmont, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Producing branch fittings. 2,165,454; July 11.
Cornell, Edward S., Jr., Larchmont, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Expansion tank. 2,166,235; July 18.
Cornell, Edward S., Jr., Larchmont, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Machine for forming cold wrought products. 2,170,810; Aug. 29.
Cornell, Edward S.. Jr., Larchmont, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Forming cold-worked articles. 2,170,811; Aug. 29.
Cornell, Edward S.. Jr., Larchmont, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Making pipe fittings. 2,170,853; Aug. 29.
Cornell, Edward S., Jr., Larchmont, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Die holder. 2,174,970; Oct. 3.
Cornell, Edward S., Jr., Larchmont, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Water circulator. 2,180,401; Nov. 21.
Cornell, Edward S., Jr., Larchmont, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Cooling thermal medium. 2,182,788; Dec. 12.
Cornell, Fritz G., Jr., Mountain Lakes, assignor to Jensen Creamery Machinery Company, Inc., Bloomfield, N. J. Liquid attemperating device. 2,178,661; Nov. 7.
Cornell Iron Works, Inc. (See Cornell, M. L., Graff, and Bennett, assignors.)
Cornell, Kenneth D. (See Bertnolli, E. C., and Cornell.)
Cornell, Milton L., A. H. Graff, and R. K. Bennett, New York, assignors to Cornell Iron Works, Inc., Long Island City, N. Y. Flexible grille. 2,167,875; Aug. 1.
Cornell Research Foundation, Inc. (See Sharp, P. F., and Hand, assignors.)
Cornell Research Foundation, Inc. (See Tressler, Donald K., assignor.)
Cornell Securities Corporation. (See Cornell, Vernon E., assignor.)
Cornell Securities Corporation. (See Lockhart, William, assignor.)
Cornell, Vernon E., Garfield Heights, assignor to Cornell Securities Corporation, Cleveland, Ohio. Closure means for receptacles. 2,152,634; Apr. 4.
Corning Glass Works. (See Bates, Harry C., assignor.)
Corning Glass Works. (See Blau, H. H., and Knaell, assignors.)
Corning Glass Works. (See Gray, David E., assignor.)
Corning Glass Works. (See Harris, Huston, assignor.)
Corning Glass Works. (See Hood, Harrison P., assignor.)
Corning Glass Works. (See Kell, R. W., and Barth, assignors.)
Corning Glass Works. (See Lillie, H. R., and Shaver, assignors.)
Corning Glass Works. (See Littleton, Jesse T., assignor.)
Corning Glass Works. (See Martin, Harold K., assignor.)
Corning Glass Works. (See Mattoon, Deo R., assignor.)
Corning Glass Works. (See McCauley, George V., assignor.)
Corning Glass Works. (See Pascucci, Emilio, assignor.)
Corning Glass Works. (See Phillips, Charles J., assignor.)
Corning Glass Works. (See Shaver, W. W., and Martin, assignors.)
Corning Glass Works. (See Smith, Rowland D., assignor.)
Corning Glass Works. (See Snyder, Harold H., assignor.)
Corning Glass Works. (See Sullivan, Eugene C., assignor.)
Corning Glass Works. (See Winship, Edward J., assignor.)
Cornish, Robert E., Berkeley, Calif. Hemorrhage arrester. 2,163,588; June 27.
Cornish Wire Company. (See Cook, John, assignor.)
Cornman, Dean A. (See Rothenberger, S. W., and Cornman, W. E. and D. A.)
Cornman, Walter E. (See Rothenberger, S. W., and Cornman, W. E. and D. A.)
Cornock, Edward F., assignor to Package Machinery Company, Springfield, Mass. Wrapped article. 2,146,940; Feb. 14.
Cornwall, James E., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,154,034; Apr. 11.
Cornwell, Leroy, Spokane, Wash. Door closer. 2,183,640; Dec. 19.
Cornwell, Ralph T. K., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Composition of matter. 2,170,632; Aug. 22.

Cornwell, Ralph T. K., Spotsylvania, assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Pressure sensitive adhesive sheet. 2,171,140; Aug. 29.
Cornwell, Robert L. (See Adams, J. W., and Cornwell.)
Corporation of Beusch-Bremsen-Aktiengesellschaft. (See Beusch, Christian, assignor.)
Corr, John W., East Greenwich, R. I. Mixing tank and the like. 2,167,344; July 25.
Corrall, Herbert, St. Alban, Helensburgh, and J. Heggie, Clydebank, Scotland, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Apparatus for trimming and joining the ends of fabric pieces. 2,163,304; June 20.
Corriez, André J., Paris, France. Radio wave measuring device. 2,145,342; Jan. 31.
Corrough, Hugh M., Tulsa, Okla., assignor to Power Patents Company, Hillside, N. J. Cracking mineral oils. 2,159,502; May 23.
Corry Metal Corporation. (See Stowe, Rolland M., assignor.)
Corsa, Howard P., Bala Cynwyd, Pa. Adjusting and fastening means for corsets, girdles, and the like. 2,155,305; Apr. 18.
Corsaro, Louisa, et al. (See Palmieri, Cesare, assignor.)
Corson, Fred L., Rochester, N. H., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon sheet material. 2,143,185; Jan. 10.
Corson, Fred L., Rochester, N. H., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for taping shoe parts. 2,168,471; Aug. 8.
Corswirt, Wilbert R., New York, N. Y. Constructional figure. 2,149,254; Mar. 7.
Corteen, Harry, R. P. Foulds, and F. C. Wood, assignors to Tootal Broadhurst Lee Company Limited, Manchester, England. Treatment of textile materials. 2,158,494; May 16.
Cortese, Thomas M., East Orange, assignor to Colorescent Laboratories, Inc., Newark, N. J. Fluorescent or luminescent lamp composition. 2,172,946; Sept. 5.
Corthals, Auguste, Ixelles-Brussels, Belgium. Piston. 2,149,423; Mar. 7.
Cortland Line Company. (See Whyte, William C., assignor.)
Corwin, Harry L., assignor to Vernon Tool Co., Ltd., Los Angeles, Calif. Self-ventilating bearing assembly. 2,174,854; Oct. 3.
Corwin, John F., and H. V. Dunham, Bainbridge, N. Y. Making adhesive or sizing material. 2,174,488; Sept. 26.
Corwin, Thomas L., Newark, N. J., and J. L. Hysko, Brooklyn, N. Y., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter station. 2, 163,668; June 27.
Cory, Anthony, New York, N. Y. Mechanical movement. 2,142,813; Jan. 3.
Cory, Harry T., Washington, D. C. Stripping harvester. 2,152,730; Apr. 4.
Cory, Harry T., Washington, D. C. Mud lark. 2,154,377; Apr. 11.
Cory, Harvey, Chicago, Ill. Electric stove. 2,150,492; Mar. 14.
Cory, Harvey, Chicago, Ill. Coffee brewer. 2,181,578; Nov. 28.
Cory, Marcus M., San Diego, Calif. Device for treating fluids. 2,154,807; Apr. 18.
Corydon, Jeff, and R. Lowe, assignors to Proportioneers, Inc., Providence, R. I. Pumping device. 2,145,566; Jan. 31.
Corzine, Chalmers S., assignor of one-tenth to J. W. Kintzinger, Jr., Dubuque, Iowa. Automatic braking device. 2,154,729; Apr. 18.
Cosby, Ira R., and C. E. Goodell, Spokane, Wash. Saw arbor. 2,167,744; Aug. 1.
Coseboom, Claude W., Altadena, assignor of one-half to J. W. Beasley, East San Gabriel, Calif. Patty-forming machine. 2,167,876; Aug. 1.
Cosgrove, Raymond C., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus and method. 2,167,447; July 25.
Cosmocolor Corporation. (See Gilmore, Otto C., assignor.)
Cosper, Andy B. (See Holmboe, H., and Cosper.)
Cossette, Antoine, et al. (See Suhm, Charles E. and Ankenbruck, assignors.)
Cossin, Hursle E., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,161,912; June 13.
Cost, William A., and J. W. Hartley, Indianapolis, Ind., assignors, by mesne assignments, to The Jaeger Machine Company, Columbus, Ohio. Retread paver. 2,169,406; Aug. 15.
Coster, Frank R., Scarsdale, assignor of one-half to H. G. Kimball, Bronxville, N. Y. Underground valve. 2,184,516; Dec. 26.
Costigan, Laurence A., Philadelphia, Pa. Page tie-up slug. 2,163,024; June 20.
Costigan, Peter J., assignor to Pliantor Inc., Waterbury, Conn. Footwear and making same. 2,167,274; July 25.
Cotal, Jean, Paris, France. Electromechanical control device for lathes and other machine tools. 2,173,009; Sept. 12.
Cotanch, Earl E., Los Angeles, Calif. Compensating support for driving mechanisms. 2,182,789; Dec. 12.
Cotant, Albert B., Pocatello, Idaho. Electric signal for motor vehicles. 2,162,161; June 13.
Cotchett, Louis M., Hingham, assignor, by mesne assignments, to Saco-Lowell Shops, Biddeford, Maine. Flexible shafting coupling. 2,147,282; Feb. 14.
Cotchett, Louis M., Hingham, Mass., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Cord stretching apparatus. 2,174,688; Oct. 3.
Cote, Adelard J., Spokane, Wash. Arch support. 2,163,906 June 27.
Coté, Andrew R., Brooklyn, N. Y. Jewelry. 2,156,972; May 2.
Coté, Arthur, Montreal, Quebec, Canada, assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Elastic yarn. 2,156,332; May 2.
Cote, George H., Bridgeport, Conn. Adjustable drill chuck. 2,162,246; June 13.
Côté, Joseph O., Montreal, Quebec, Canada. Tubular article and making same. 2,175,283; Oct. 10.
Côté, Marcellin, Akron, Ohio. Applying guards or bumpers. 2,166,798; July 18.
Cote, Robert E. (See Taylor, W. J., Boudreau, and Cote.)
Cothern, William R., Scottsbluff, Nebr. Utility tool. 2,157,481; May 9.
Cotner, John C., assignor to Logansport Machine, Inc., Logansport, Ind. Fluid pressure device. 2,150,266; Mar. 14.
Cotta Transmission Corporation. (See Nelson, Floyd R., assignor.)
Cotter, Bart, assignor to General Motors Corporation, Detroit, Mich. Fastening device. 2,178,719; Nov. 7.
Cotter, George L. (See Miller, R. E., and Cotter.)
Cotter, George L., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropenumatic brake. 2,145,567; Jan. 31.
Cotter, Patrick J., Long Island City, and M. D'Onofrio, Richmond Hill, N. Y. Rod bending apparatus. 2,183,329; Dec. 12.
Cotter, William W., Sr., Stratford, assignor to Bridgeport Brass Company, Bridgeport, Conn. Machining interior surfaces of tubes. 2,183,861; Dec. 19.
Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Planetary automotive transmission gearing. 2,142,866; Jan. 3.
Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Hydromechanical transmission for motor vehicles. 2,144,795; Jan. 24.
Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Overdrive gearing. 2,146,795; Feb. 14.
Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Automatic planetary automotive transmission. 2,154,419; Apr. 18.
Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Hydromechanical power transmission mechanism. 2,157,230; May 9.
Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Vehicle transmission gearing. 2,163,192; June 20.
Cotterman, Frederick W., assignor of one-half to B. D. Apple, Dayton, Ohio. Hydromechanical transmission for motor vehicles. 2,171,782; Sept. 5.
Cotterman, Frederick W., Dayton, Ohio, assignor, by mesne assignments, of one-half to B. D. Apple. Accelerator controlled automotive transmission. Re. 21,244; Oct. 24.
Cotton, Robert W., Calgary, Alberta, Canada. Ashtray. 2,165,885; July 11.
Cotton, Roy A. (See Welch, R. L., and Cotton.)
Cottrell, C. B., & Sons Company. (See Barber, Howard M., assignor.)
Cottrell, C. B., & Sons Company. (See Barber, H. M., and Luehrs, assignors.)
Cottrell, C. B., & Sons Company. (See Eckhard, William K., assignor.)
Cottrell, C. B., & Sons Company. (See Evers, Arthur J., assignor.)
Cottrell, C. B., & Sons Company. (See Hackbarth, Walter G., assignor.)
Cottrell, C. B., & Sons Company. (See Luehrs, Hans J., assignor.)
Cottrell, F. G., et al., trustees. (See Greger, Herbert H., assignor.)
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Brake. 2,169,960; Aug. 15.
Cottrell, Robert B., assignor to American Steel Foundries, Chicago, Ill. Truck structure. 2,175,166; Oct. 10.
Cottrell, Robert B., and J. E. Flesch, assignors to American Steel Foundries, Chicago, Ill. Car underframe. 2,180,799; Nov. 21.
Cottrell, William P., Los Angeles, Calif. Manufacturing cutting tools. 2,184,776; Dec. 26.
Coty, Fred P., administrator. (See Coty, Fred J.)
Coty, Fred J., assignor of one-third to A. Barney and one-third to O. D. Horton, Niagara Falls, N. Y.; F. P. Coty, administrator of said F. J. Coty, deceased. Apparatus for making paper bags. 2,184,233; Dec. 19.
Coty, Inc. (See Botham, Arthur R., assignor.)
Couch, Forrest J., Rochester, N. Y., assignor to The American Laundry Machinery Company, Norwood, Ohio. Light-sensitive control means. 2,179,009; Nov. 7.
Couch, Rhea, Bartlesville, Okla., assignor to Phillips Petroleum Company. Antiknock control system. 2,145,156; Jan. 24.

Coughlin, Charles L. (See Willenborg, Walter J., assignor.)
Coughlin, Thomas B., Framingham Center, Mass., assignor, by mesne assignments, to H. L. Bernstein and J. A. Riley, co-partners trading as J. A. Riley & Co., New York, N. Y. Fabric. 2,164,499; July 4.
Coultas, Wilbur J. (See Paradise, L. A., and Coultas.)
Coultas, Wilbur J., assignor to Deere & Company, Moline, Ill. Tractor mounted implement. 2,157,323; May 9.
Coultas, Wilbur J., assignor to Deere & Company, Moline, Ill. Husking device. 2,160,306; May 30.
Coultas, Wilbur J., and N. F. Andrews, assignors to Deere & Company, Moline, Ill. Wheel. 2,157,691; May 9.
Coultas, Wilbur J., and L. A. Paradise, assignors to Deere & Company, Moline, Ill. Pitman. 2,174,307; Sept. 26.
Coulter, Clarence D., Los Angeles, and E. R. Cox, Huntington Park, assignors to Southwestern Engineering Company, Los Angeles, Calif. Heat exchanger. 2,183,160; Dec. 12.
Coulter, Edwin V. (See McRae, N. H., and Coulter.)
Coulter, Guy H. (See Arbuckle, S. F., and Coulter.)
Coulter, John R., Yakima, Wash. Hydraulic placer machine. 2,145,753; Jan. 31.
Coulter, Jonathan N., and B. Williams, assignors to K. A. Averill, Los Angeles, Calif. Protective device for clothespresses. 2,181,176; Nov. 28.
Coulter, Marion D., Pittsburgh, Pa., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Refrigeration. 2,143,187; Jan. 10.
Coulter, Marion D., Pittsburgh, Pa., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Refrigeration. 2,143,188; Jan. 10.
Coulter, Paul L., Santa Monica, Calif. Lighting equipment. 2,160,721; May 30.
Coulthard, Albert, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Symmetrical aromatic urea suitable for medicinal purposes. 2,164,229; June 27.
Coultrip, Raymond L., Waukegan, assignor to Edison General Electric Appliance Company, Incorporated, Chicago, Ill. Control device. 2,179,281; Nov. 7.
Courcier, Richard J., Sr., New Orleans, La. Door controlled ignition system. 2,182,426; Dec. 5.
Courmettes, Henry A., Brooklyn, N. Y. Biplanar ophthalmic lens die. 2,165,131; July 4.
Court, Alva B., U. S. Navy, G. H. Copenhaver, Montclair, N. J., and J. Flodin, Washington, D. C. Door and hatch closure. 2,179,495; Nov. 14.
Court, Frank T., assignor to Deere & Company, Moline, Ill. Hitch device. 2,178,249; Oct. 31.
Courtaulds, Limited. (See Givens, John H., assignor.)
Courtaulds, Limited. (See Morton, Eric A., assignor.)
Courtaulds, Limited. (See Stokes, William H., assignor.)
Courtaulds, Limited. (See Topham, Charles F., assignor.)
Courtinade, François, New York, N. Y. Signaling switch. 2,180,894; Nov. 21.
Courtis, Stuart A. and W. F., Detroit, Mich. Solar heater. 2,182,222; Dec. 5.
Courtis, Walter F. (See Courtis, Stuart A. and W. F.)
Courtois-Suffit, Roger M. R., and H. E. Tailleferre, Paris, France. Apparatus for marking the position of a vehicle on a map. 2,163,746; June 27.
Coury, Maud. (See Schafer, Marcus A., assignor.)
Cousart, Eddie C., assignor of forty per cent to C. A. Luck and thirty per cent to C. S. Cowan and N. T. Williams, Danville, Va. Brick cleaning machine. 2,170,783; Aug. 22.
Cousins, Ida E., administratrix. (See Cousins, Robert W.)
Cousins, Milton V., M. W. Bond, W. W. Kirkpatrick, and W. O. Nowlin, Bethany, La., and W. R. King, Mineola, Tex. Compressor lubricator. 2,175,455; Oct. 10.
Cousins, Robert W., deceased, Gary, Ind.; I. E. Cousins, administratrix. Automatic protective controller for electric circuits. 2,147,012; Feb. 14.
Coutchure, Wencel L., assignor of one-half to J. P. Gilligan, Toledo, Ohio. Land cultivation equipment. 2,143,648; Jan. 10.
Coutinho, Henri. (See Jalma, M. M., and Coutinho.)
Coutlée, Kenneth G., Yonkers, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric condenser. 2,160,646; May 30.
Coutor, Charles, Premery, assignor to Société Etablissements Lambiotte Freres, Premery (Nievre Department), France. Process and apparatus for the continuous extraction or treatment of liquids. Re. 21,168; Aug. 1.
Coutor, Charles J. L., assignor to Société Anonyme Etablissements Lambiotte Frères, Premery (Nievre Department) France. Treatment of aqueous solutions of acetic acid. 2,175,879; Oct. 10.
Couty, Norman M., assignor to The Flex-O-Tube Company, Detroit, Mich. Detachable fitting. 2,152,537; Mar. 28.
Couty, Norman M., assignor to The Flex-O-Tube Company, Detroit, Mich. Male swivel nut connection. 2,172,650; Sept. 12.
Couty, Norman M., Detroit, Mich., assignor to The Flex-O-Tube Company, Wilmington, Del. Male swivel nut connection. 2,175,456; Oct. 10.
Couyoumdjian, Agop O., Berlin, Germany. Photographic camera with exposure meter. 2,154,324; Apr. 11.
Co Van, Harry E. (See Bole, G. A., and Co Van.)
Co Van, Harry E., and G. A. Bole, assignors to Standard Pyrometric Cone Company, Columbus, Ohio. Press for producing pyrometric cones. 2,181,619; Nov. 28.
Covell, Earl C., assignor of fifty per cent to J. Colvin, Baltimore, Md. Tufting machine. 2,176,957; Oct. 24.
Covell, Harold S., assignor to Hart & Cooley Manufacturing Company, Holland, Mich. Heating device. 2,147,283; Feb. 14.
Coveney, Leonard W. (See Saunders, S. L. M., and Coveney.)
Coventry, Joseph F., assignor to Joal Manufacturing Corporation, Toledo, Ohio. Damper construction. 2,157,382; May 9.
Cover, Eugene W., Van, Ark. Chimney cowl. 2,164,987; July 4.
Covert, Frederick L., Lansing, Mich. Door bumper. 2,182,611; Dec. 5.
Covert, James D., Larchmont, N. Y. Fireplace. 2,158,041; May 9.
Covert, Lloyd W. (See Bruson, H. A., and Covert.)
Covert, Lloyd W., assignor to Röhm & Haas Company, Philadelphia, Pa. Preparing hexadecyl amines. 2,160,058; May 30.
Covert, Lloyd W., assignor to Röhm & Haas Company, Philadelphia, Pa. Hexanepentols and their preparation. 2,164,268; June 27.
Coviello, Anthony R., assignor of fifteen per cent to W. G. Rush, Tulare, Calif. Plow. 2,163,832; June 27.
Covington, George W., Kansas City, Kans. Chair. 2,154,606; Apr. 18.
Cowan, C. S., et al. (See Cousart, Eddie C., assignor.)
Cowan, Earl B., Grand Forks, N. Dak. Treating sugar juices. 2,143,594; Jan. 10.
Cowan, Frank M., Plainfield, N. J., and F. C. Evans, Dongan Hills, assignors to American District Telegraph Company Inc., New York, N. Y. Temperature-responsive control system. 2,155,344; Apr. 18.
Cowan, Frank M., Plainfield, N. J., and F. C. Evans, Great Kills, assignors to American District Telegraph Company, New York, N. Y. Automatic compensation means for aerotube fire alarm systems. 2,155,345; Apr. 18.
Cowan, Harry, Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Liquid fuel burner. 2,143,843; Jan. 17.
Cowan, Roysel J., assignor to Surface Combustion Corporation, Toledo, Ohio. Producing a composite carbide and nitride case on steel articles. 2,151,190; Mar. 21.
Coward, Ashby B., Indianapolis, assignor of forty-nine per cent to A. Neu, Evansville, Ind. Stop motion device for bread wrapping machines. 2,159,135; May 23.
Cowdery, Robert A., Geneva, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Golf shaft. 2,153,550; Apr. 11.
Cowen, Mervyn S., San Francisco, Calif. Counter holder for game counters. 2,182,488; Dec. 5.
Cowen, Rawson R., assignor to New Jersey Rubber Company, Taunton, Mass. Weather stripping. 2,161,666; June 6.
Cowey, Leonard E., Kew Gardens, England. Tail supporting wheel or its equivalent for aircraft. 2,182,333; Dec. 5.
Cowgill, William W., Fairfield, Conn., assignor to Sardik Incorporated, Jersey City, N. J. Treatment of food materials. 2,158,354; May 16.
Cowhig, William T., Rugby, England, assignor to General Electric Company. Incandescent electric lamp. 2,145,157; Jan. 24.
Cowhig, William T. (See Scott, W. J., and Cowhig.)
Cowing, Jay C., Cleveland, Ohio. Fuse socket. 2,166,985; July 25.
Cowles Company, The. (See Cowles, Edwin, assignor.)
Cowles, Edwin, Hopewell, assignor to The Cowles Company, Princeton, N. J. Apparatus for refining paper stock. 2,180,080; Nov. 14.
Cowles, Henry C., Jr., and A. B. Hersberger, assignors to The Atlantic Refining Company, Philadelphia, Pa. Revivification of spent adsorbents. 2,168,327; Aug. 8.
Cowles, Irving, Detroit, Mich., assignor to himself and R. W. Lotz, Chicago, Ill., as trustees. Flexible conduit and coupling therefor and making same. 2,177,095; Oct. 24.
Cowles, Thomas L., assignor to The Studebaker Corporation, South Bend, Ind. Steering means. 2,153,862; Apr. 11.
Cowperthwaite, Thomas. (See Rafferty, J., and Cowperthwaite.)
Cox, Beltrum M., Detroit, Mich. Electric starting device. 2,143,103; Jan. 10.
Cox, Charles C., Pulaski, Va. Combination level and inclinometer. 2,179,467; Nov. 7.
Cox, Daniel W. (See Cox, James H., assignor.)
Cox, David C., assignor to Electric Sorting Machine Company. Sorting machine. 2,152,758; Apr. 4.
Cox, Edwin R. (See Coulter, C. D., and Cox.)
Cox, George E., Niagara Falls, N. Y., and W. G. McBurney, Niagara Falls, Ontario, Canada, assignors to American Cyanamid Company, New York, N. Y. Treatment of crude calcium cyanamid. 2,164,986; July 4.
Cox, George E., Niagara Falls, N. Y., and W. G. McBurney, Niagara Falls, Canada, assignors to American Cyanamid Company, New York, N. Y. Granulation of nongranular materials. 2,167,432; July 25.
Cox, Henry L., South Charleston, W. Va., assignor to Carbide & Carbon Chemicals Corporation. Making 2-ethylcrotonaldehyde. 2,175,556; Oct. 10.

Cox, Henry L., South Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Alkyl 12-ketostearate. 2,180,730; Nov. 21.
Cox, Henry W., North Melbourne, Victoria, Australia. Wire tightening and twisting machine. 2,165,455; July 11.
Cox, Henry W., North Melbourne, Victoria, Australia. Wire tightening and twisting machine. 2,165,456; July 11.
Cox, Irvin W., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Loading coil container. 2,147,245; Feb. 14.
Cox. Irvin W., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Magnetic material. 2,154,730; Apr. 18.
Cox, Irvin W., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Magneto generator. 2,170,892; Aug. 29.
Cox, Isaac E. (See Vigne, A., and Cox.)
Cox, James H., assignor of one-half to D. W. Cox, Los Angeles, Calif. Apparatus for dispensing fluids. 2,148,730; Feb. 28.
Cox, John G., Wichita Falls, Tex. Combination shutter and awning. 2,155,116; Apr. 18.
Cox, John P., St. Louis, Mo., assignor to General Motors Corporation, Detroit, Mich. Polishing machine. 2,165,616; July 11.
Cox, Joseph H., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric device. 2,162,477; June 13.
Cox, Leon O., Grifton, N. C. Clutch. 2,143,121; Jan. 10.
Cox, Paul F., Chicago, Ill. Sheet perfecting printing press. 2,142,885; Jan. 3.
Cox, Paul F., Chicago, Ill. Stop cylinder vertical reciprocating flat bed press. 2,166,582; July 18.
Cox, Percy, Kent, England. Explosively actuated under water riveting and punching or like apparatus. 2,166,041; July 11.
Cox, Samuel F., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Securing structural blocks in frames. 2,156,678; May 2.
Cox, Samuel F., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Frangible block mounting. 2,182,373; Dec. 5.
Cox, Samuel F., and P. E. Knudsen, Pittsburgh, Pa., assignors to Pittsburgh Plate Glass Company. Building covering. 2,182,372; Dec. 5.
Cox, Thomas H., Los Angeles, Calif. Fingerprinting apparatus. 2,172,904; Sept. 12.
Cox, Truitt V., and W. M. Neale, assignors of one-third to A. H. Thaeler, Greensboro, N. C. Spring device for vehicles. 2,178,562; Nov. 7.
Cox, Warren M., Jr. (See Barton, R. W., and Cox.)
Cox, William F., Shreveport, La., assignor, by mesne assignments, to Lamtex Equipment Corporation, Fort Worth, Tex. Well pump. 2,144,045; Jan. 17.
Cox, William F., Irving, Tex. Well pump. 2,162,001; June 13.
Cox, William P., assignor to The Timken Roller Bearing Company, Canton, Ohio. End closure for axle housings. 2,142,632; Jan. 3.
Cox, William P., assignor to The Timken Roller Bearing Company, Canton, Ohio. End closure for axle housings. 2,176,294; Oct. 17.
Cox, William T., and R. B. Mitchell, Seattle, Wash., assignors to Beench-Nut Packing Company. Canajoharie, N. Y. Display stand. 2,174,689; Oct. 3.
Coxe, Charles D., Youngstown, Ohio. Direct rolling of hot metal. 2,183,010; Dec. 12.
Coxe, Joseph A., Los Angeles, Calif. Reel. 2,162,774; June 20.
Coxe, Joseph A., Los Angeles, Calif., assignor to Bronson Reel Company, Bronson, Mich. Fishing reel. 2,176,247; Oct. 17.
Coxe, Joseph A., Los Angeles, Calif., assignor to Bronson Reel Company, Bronson, Mich. Fishing equipment. 2,182,468; Dec. 5.
Coxhead, Ralph C., assignor to Ralph C. Coxhead Corporation, New York, N. Y. Ribbon mechanism. 2,161,856; June 13.
Coxhead, Ralph C., Corporation. (See Coxhead, Ralph C., assignor.)
Coxon, George E. (See Le Fevre, A. W., Farr, Coxon, and Whitted.)
Coxon, George E. (See Le Fevre, A. W., Paul, and Coxon.)
Coy, Dorhl H., Jackson, Ohio. Motor cooling system. 2,169,121; Aug. 8.
Coy, Harley A., Mascot, Tenn., assignor to American Zinc, Lead & Smelting Company, St. Loius, Mo. Split-hook sheave. 2,176,392; Oct. 17.
Coy, Joseph A., Tulsa, Okla. Heat exchanger. 2,161,019; June 6.
Coyer, Francis J., assignor of forty per cent to F. C. Coyer, Oswego, N. Y. Sound pick-up unit. 2,171,173; Aug. 29.
Coyer, Frederick C. (See Coyer, Francis J., assignor.)
Coyle, Joseph H., III. (See Coyle, Joseph H., assignor.)
Coyle, Joseph H., Long Hill, Conn., assignor to J. H. Coyle, III, Philadelphia, Pa. Brake control system. 2,142,631; Jan. 3.
Coyne, Albert E., Goodwood, Cape Province, Union of South Africa. Electrically maintained vibrating body and system embodying same. 2,152,955; Apr. 4.
Coyne, John H. (See Maurer, E. R., and Coyne.)
Coyne, John H., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Driving mechanism. 2,147,733; Feb. 21.
Coyner, James M., Madison, Wis., assignor to Armour and Company, Chicago, Ill. Calf feeding supplement. 2,182,171; Dec. 5.
Cozzens, Charles O., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,181,365; Nov. 28.
Cozzitorto, Angelo, Fresno, Calif. Safety appliance for airplanes. 2,168,094; Aug. 1.
Cozzoli, Frank, Plainfield, N. J. Ampoule filler. 2,150,760; Mar. 14.
Crabb, Donald E., Detroit, Mich., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Adjustable seat. 2,177,384; Oct. 24.
Crabb, Lester M. (See Holmes, R. F., and Crabb.)
Crabbe, Lindsay T., assignor to Phoenix Metal Cap Company, Inc., Chicago, Ill. Double shell cap and dauber. 2,182,046; Dec. 5.
Crabbs, Herbert J., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical switch. 2,159,884; May 23.
Crabbs, Herbert J., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Multiple-blade disconnecting switch. 2,174,236; Sept. 26.
Crabbs, Herbert J., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric switch. 2,174,237; Sept. 26.
Crabtree, David, and Son Limited. (See Felton, William, assignor.)
Crabtree, Duane, Springfield, assignor to Western Pellet Machine Corporation, Eugene, Oreg. Machine for forming compressed feeds and similar products. 2,157,528; May 9.
Crabtree, Duane, Springfield, assignor to Western Pellet Machine Corporation, Eugene, Oreg. Machine for producing compressed feeds. 2,177,132; Oct. 24.
Crabtree, George W., Cleveland Heights, Ohio. Spring cover. 2,152,030; Mar. 28.
Crabtree, George W., Cleveland Heights, Ohio. Spring cover. 2,169,760; Aug. 15.
Craft, David T., Norfolk, Va. Automobile air conditioning device. 2,173,961; Sept. 26.
Craft, Liva M., assignor, by mesne assignments, to Collins Radio Company, Cedar Rapids, Iowa. Oscillation system. 2,142,999; Jan. 10.
Craft, Liva M., Cedar Rapids, Iowa, assignor, by mesne assignments, to Collins Radio Company. Amplifier circuit. 2,155,404; Apr. 25.
Craft, Liva M., assignor to Collins Radio Company, Cedar Rapids, Iowa. Distortion reducing system for grid-modulated amplifier. 2,182,790; Dec. 12.
Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Rotary printing press. 2,160,613; May 30.
Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Printing press. 2,163,374; June 20.
Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Rotary intaglio printing press. 2,178,069; Oct. 31.
Crafts, Curtis S., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Printing press. 2,183,739; Dec. 19.
Crafts, Walter. (See Critchett, J. H., and Crafts.)
Cragin, Inez L., et al., trustee. (See Johnson, Chester W., assignor.)
Crago, Arthur, Mulberry, Fla., assignor to Phosphate Recovery Corporation, New York, N. Y. Concentrating calcite. 2,158,220; May 16.
Crago, Harry R., Verona, N. J., assignor to General Electric Company. Defrosting control for heat pumps. 2,143,687; Jan. 10.
Crago, Harry R., Verona, N. J., assignor to General Electric Company. Fluid cooling system. 2,168,157; Aug. 1.
Crago, Harry R., Verona, N. J., assignor to General Electric Company. Condition control system. 2,182,691; Dec. 5.
Crago, Harry R., Caldwell, N. J., assignor to General Electric Company. Reversible thermostatic control system. 2,149,085; Feb. 28.
Crago, Harry R., Caldwell, N. J., assignor to General Electric Company. Temperature control system. 2,155,255; Apr. 18.
Crago, Harry R., Caldwell, N. J., assignor to General Electric Company. Temperature regulating system. 2,155,256; Apr. 18.
Crago, Harry R., Caldwell, N. J., assignor to General Electric Company. Compensated pre-heat coil. 2,156,082; Apr. 25.
Crago, Harry R., Caldwell, N. J., assignor to General Electric Company. Zone heating system. 2,157,817; May 9.
Crago, Harry R., Caldwell, N. J., assignor to General Electric Company. Adjustable humidostat. 2,166,799; July 18.
Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,146,054; Feb. 7.
Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,150,579; Mar. 14.

Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Control circuit for electrical relays. 2,162,911; June 20.
Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,174,620; Oct. 3.
Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,174,621; Oct. 3.
Crago, Paul H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,183,161; Dec. 12.
Craig, Arthur S., Kansas City, Mo., assignor to Western Electric Company, Incorporated, New York, N. Y. Audiphone. 2,179,615; Nov. 14.
Craig, Bernard C., Grand Rapids, Minn. Excavating structure. 2,166,800; July 18.
Craig, Charles W. (See Brown, C. A., and Craig.)
Craig, Harry G., San Francisco, and A. W. Pride, Oakland, assignors to Hancock Bros., San Francisco, Calif. Ticket printing and issuing machine. 2,150,761; Mar. 14.
Craig, Hubert M., Stanley, N. C. Warp dye beam. 2,177,096; Oct. 24.
Craig, James W., Providence, R. I. Speed indicator for motor vehicles. 2,175,077; Oct. 3.
Craig, John F., Upper Montclair, N. J., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor control switch. 2,159,781; May 23.
Craig, John W., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,182,312; Dec. 5.
Craig, McEller. (See Seaman, Albert W., assignor.)
Craig, Palmer H., Cincinnati, Ohio, assignor to Invex Corporation. Ultraviolet lamp. 2,150,054; Mar. 7.
Craig, Palmer H., Bethlehem, Pa., assignor to Invex Corporation. Voltage regulator. 2,168,952; Aug. 8.
Craig, Robert, Heswall, and G. H. Edwards, Eastham, England, assignors to Lever Brothers Company. Opening device for cardboard boxes. 2,143,940; Jan. 17.
Craighead, John R., Denver, Colo. Apparel belt. 2,156,373; May 2.
Craigie, Frank, assignor to S. K. Huston, Jr., Chicago, Ill. Garbage and refuse incinerator. 2,146,531; Feb. 7.
Crain, James K., U. S. Army, Cuero, Tex., and F. Kowalski, Jr., U. S. Army, Belmont, Mass. Target. 2,148,438; Feb. 28.
Craine, John R. T., Pittsfield, Mass., assignor to General Electric Company. Electrical capacitor. 2,149,086; Feb. 28.
Cram, Geo. F., Company. (See Beck, Johnse H., assignor.)
Cram, Geo. F., Company, The. (See Fislar, Harry, assignor.)
Cram, Geo. F., Company. (See Peterson, Arthur L., assignor.)
Cram, Geo. F., Company, The. (See Peterson, Edward A., assignor.)
Cram, Harkness W., Mount Vernon, assignor to Dardelet Threadlock Corporation, New York, N. Y. Screw thread gauge. 2,145,849; Feb. 7.
Cramer, H. S., et al. (See Dils, Logan A., assignor.)
Cramer, Howard I., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Accelerator of vulcanization. 2,146,669; Feb. 7.
Cramer, Howard I., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Antioxidant. 2,150,421; Mar. 14.
Cramer, Howard I., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Hydrogenated furyl amine derivatives. 2,150,422; Mar. 14.
Cramer, Howard I., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Furyl amine derivatives. 2,150,423; Mar. 14.
Cramer, Howard I., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Accelerators. 2,150,424; Mar. 14.
Cramer, Howard I., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Accelerators of vulcanization. 2,150,425; Mar. 14.
Cramer, Jesse F. (See Cramer, Roy A. and J. F.)
Cramer, Martha K., New York, N. Y. Glove. 2,147,967; Feb. 21.
Cramer, Raymond H., Newark, N. J., assignor to General Motors Corporation, Detroit, Mich. Grinding, gauging, and sizing. 2,152,875; Apr. 4.
Cramer, Raymond H., Newark, N. J., assignor to General Motors Corporation, Detroit, Mich. Centerless grinding machine. 2,156,562; May 2.
Cramer, Raymond H., Newark, N. J., assignor to General Motors Corporation, Detroit, Mich. Grinding machine. 2,176,248; Oct. 17.
Cramer, Raymond H., Newark, N. J., assignor to General Motors Corporation, Detroit, Mich. Table traversing mechanism. 2,176,249; Oct. 17.
Cramer, Russell E., Audubon, assignor to Radio Condenser Company, Camden, N. J. Electrical condenser construction. 2,167,877; Aug. 1.
Cramer, Walter W., Rutherford, and K. E. Fitch, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 2,143,000; Jan. 10.
Cramer, Walter W., Rutherford, and G. C. Cummings, Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph repeater. 2,147,690; Feb. 21.
Cramer, Walter W., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph signaling repeater. 2,174,221; Sept. 26.
Crammond, Earle D. (See Gemeny, Blaine B., assignor.)
Cramp, John W., and G. W. Dooley, San Bernardino, Calif. Window adjuster. 2,154,808; Apr. 18.
Crampton, Donald K, Marion, assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Apparatus for casting metals. 2,145,416; Jan. 31.
Crampton, Donald K., Marion, and H. L. Burghoff, assignors to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Electrical conductor. 2,155,405; Apr. 25.
Crampton, Donald K., Marion, and H. L. Burghoff, assignors to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Electrical conductor. 2,155,406; Apr. 25.
Crampton, Donald K., Marion, and H. L. Burghoff, assignors to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Electrical conductor. 2,155,407; Apr. 25.
Crampton, Donald K., Marion, and H. L. Burghoff, assignors to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Copper base alloys. 2,155,408; Apr. 25.
Crampton, Donald K., Marion, and C. Thulin, assignors to Chase Brass & Copper Co., Waterbury, Conn. Cooling means for continuous casting apparatus. 2,169,893; Aug. 15.
Crampton, Donald K., Marion, assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Apparatus for continuously casting metals. 2,176,990; Oct 24.
Crampton, Donald K., Marion, and C. Thulin, Waterbury, assignors to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Forming-die assembly for continuous-casting apparatus. 2,176,991; Oct. 24.
Cramton, Arthur W., Middletown Springs, Vt., assignor to The De Laval Separator Company, New York, N. Y. Sealing means for revolving shafts. 2,147,691; Feb. 21.
Crancer, Lester A., et al. (See Hurley, Walter G., assignor.)
Crandall, Fred N., Temple City, Calif. Continuous masonry tie. 2,150,798; Mar. 14.
Crandall, George S. (See Badertscher, D. E., and Crandall.)
Crandall, George S. (See Nygaard, E. M., and Crandall.)
Crandall, George S., Woodbury, and W. H. James, Paulsboro, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Diesel fuel. 2,164,151; June 27.
Crandall, George S., Woodbury, R. C. Moran, Wenonah, and H. G. Berger, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Diesel fuel and improving same. 2,167,345; July 25.
Crandall, Max, and M. Sanders, Kingfisher, Okla. Air conditioner. 2,169,942; Aug. 15.
Crane, Carl J., Fairfield, and F. G. Nesbitt, Dayton, Ohio. Aircraft speed indicator. 2,152,635; Apr. 4.
Crane, Carlton L. (See Blanchard, L. W., Jr., and Crane.)
Crane Co. (See Olson, Charles A., assignor.)
Crane Co. (See Pierson, C. M., and McPherson, assignors.)
Crane Co. (See Rumely, Vincent P., assignor.)
Crane Co. (See Zinkil, Roy H., assignor.)
Crane Co. (See Zinkil, R. H., and McCurdy, assignors.)
Crane Co. (See Zinkil, R. H., Fredrickson, and Marchand, assignors.)
Crane, Edward J. (See Bouvier, G. A., and Crane.)
Crane, Edward V., Brooklyn, N. Y., and N. O. Steele, Genoa, Ohio, assignors to E. W. Bliss Company, Brooklyn, N. Y. Brake means for power press feed rolls. 2,168,284; Aug. 1.
Crane, George R., Santa Monica, and B. B. Hayworth, Burbank, Calif., assignors to Electrical Research Products, Inc., New York, N. Y. Switching system and apparatus therefor. 2,182,070; Dec. 5.
Crane, Harold C., assignor to Turnbull Elevator Company Limited, Toronto, Ontario, Canada. Vibration damper. 2,185,023; Dec. 26.
Crane, Hubert R., Los Angeles, Calif. Rod coupling assembly. 2,152,636; Apr. 4.
Crane, Hubert R., Los Angeles, Calif. Sewer rod power. 2,154,666; Apr. 18.
Crane, Merrell L., and G. W. Fisher, assignors to L. J. West, Chicago, Ill. Typewriter. 2,151,191; Mar. 21.
Crane, Myrick. (See Hurst, E., and Crane.)
Crane Packing Company. (See Payne, Frank E., assignor.)
Crane, Paul W., Upper Montclair, and R. T. Fields, Arlington, N. J., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Extrusion process. 2,146,532; Feb. 7.
Crane, Richard, and W. J. Snadecki, Westover, Va.; said Snadecki assignor to said Crane. Apparatus for curing tobacco. 2,182,753; Dec. 5.
Crane, Roland G. (See Perkins, M. F., and Crane.)
Crane, Theodore D., Council Bluffs, Iowa. Milk bottle stopper. 2,180,582; Nov. 21.
Crane, Victor S. (See Harlan, A. S., Crane, and Honan.)
Cranford Company. (See Skrzynaki, Stanley M., assignor.)

Cranford, Victor, San Fernando, Calif. Signaling device. 2,147,010; Feb. 14.
Cranmer, Ross B., Barnegat, N. J. Draft control mechanism. 2,168,021; Aug. 1.
Cranor, Helen M., Plandome, N. Y. Soap composition. 2,177,055; Oct. 24.
Cranshaw, Harold B., West Newton, assignor to Cutler Manufacturing Company, Cambridge, Mass. Frame for fire screens, etc. 2,152,584; Mar. 28.
Crapo, Oscar H., Dartmouth, Mass. Apparatus for plucking fowl. 2,154,420; Apr. 18.
Crary, Selden B. (See Buell, R. C., Crary, Butler, and Concordia.)
Crater, Willard D., Newark, assignor to Hercules Powder Company, Wilmington, Del. Explosive and producing the same. 2,142,886; Jan. 3.
Crater, Willard D., Newark, assignor to Hercules Powder Company, Wilmington, Del. Explosive and its production. 2,174,914; Oct. 3.
Crater, Willard D., Newark, assignor to Hercules Powder Company, Wilmington, Del. Composition of matter. 2,179,323; Nov. 7.
Cravaritis, Andrew, and P. Karlsson, assignors to National Silver Deposit Ware Co., New York, N. Y. Illuminated level. 2,171,971; Sept. 5.
Craven, Claud C., Kansas City, Mo., assignor to A. B. Chance Co. Piston expander. 2,158,355; May 16.
Craver, Augustus E. (See Reichel, F. H., and Craver.)
Craver, Bates B., Waterbury, Conn., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Rubber sole. 2,162,912; June 20.
Craver, Clyde R., Denison, Tex. Universal connection. 2,167,401; May 9.
Crawford, Alfred, assignor to Crawford Manufacturing Company, New Brunswick, N. J. Stop motion for knitting machines. 2,145,754; Jan. 31.
Crawford, Bruce D., Grass Valley, Calif., assignor to American Cyanamid Company. Flotation of materials used in metallurgical processes. 2,183,500; Dec. 12.
Crawford, Charles P., Munhall, Pa. Sanitary toilet seat. 2,160,100; May 30.
Crawford, Claude C., Nashville, Tenn. Ashtray. 2,175,956; Oct. 10.
Crawford, David A., Golf, assignor to The Pullman Company, Chicago, Ill. Railway car. 2,147,011; Feb. 14.
Crawford Door Company. (See Graham, M. P., Hufferd, and Casse, assignors.)
Crawford Door Company. (See Venditty, Anthony, assignor.)
Crawford, Ellis T., Jr., and R. K. Turner, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Stabilization of ethers. 2,142,936; Jan. 3.
Crawford, Frederick C., assignor to Thompson Products, Incorporated, Cleveland, Ohio. Valve and making the same. 2,162,063; June 13.
Crawford, Harry D., Chippewa Falls, Wis. Oil filter. 2,178,930; Nov. 7.
Crawford, John F., assignor to J. I. Case Company, Racine, Wis. Briquette making machine. 2,175,342; Oct. 10.
Crawford, John W. C. Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Inhibiting polymerization. 2,143,941; Jan. 17.
Crawford Manufacturing Company. (See Crawford, Alfred, assignor.)
Crawford, Monroe L., San Angelo, assignor to Ultra Modern Piano Bench Company, Tom Green County, Tex. Piano bench. 2,166,485; July 18.
Crawford, Oscar J., and J. W. Brown, assignors of one-third to R. E. White, Anderson, Ind. Switch for alternating taillights and signals. 2,144,402; Jan. 17.
Crawford, Ralph F., Davenport, Iowa. Combined harvester and thresher. 2,172,363; Sept. 12.
Crawford, Richard A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Golf ball cover. 2,143,544; Jan. 10.
Crawford, Richard A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Composition of matter. 2,166,236; July 18.
Crawford, Richard A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Protective surface. 2,167,972; Aug. 1.
Crawford, Robert B., Washington, D. C. Air conditioning system. 2,167,878; Aug. 1.
Crawford, Robert B. P., New York, N. Y. Air conditioning. 2,177,869; Oct. 31.
Crawford, Robert J., Jersey City, N. J., assignor to American Hard Rubber Company, New York, N. Y. Hair curling device. 2,164,387; July 4.
Crawford, Thomas G., Glenville, N. Y., assignor to General Electric Company. Electrode mounting arrangement. 2,175,880; Oct. 10.
Crawford, Thomas N., New York, N. Y. Culinary device and shipping package. 2,148,439; Feb. 28.
Crawford, Walter C., assignor of one-third to O. Olsen, and one-third to A. Pepe, Bogota, N. J. Device for cleaning combs. 2,175,986; Oct. 10.
Crawley, Blick. (See Griffith, R. H., and Crawley.)
Crawley, Charles H. (See Weatherhead, A. J., Jr., and Crawley.)
Crawshaw, Harry. (See Finlayson, D., and Crawshaw.)
Creager, Frederick L., Camden, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Loudspeaker. 2,155,474; Apr. 25.
Creager, Frederick L., Camden, N. J., assignor to Radio Corporation of America. Impulse switch. 2,166,680; July 18.
Creamery Package Mfg. Company, The. (See Larsen, Olaf, assignor.)
Creamery Package Mfg. Company, The. (See Seymour, Lynn L., assignor.)
Creamery Package Mfg. Company, The. (See Walstrom, Axel M., assignor.)
Creative Educational Society. (See Christianson, Kenneth O., assignor.)
Crede, Charles E., Pittsburgh, Pa., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Floor rack for refrigerator cars. 2,178,739; Nov. 7.
Crede, Charles E., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Refrigerator car. 2,184,810; Dec. 26.
Creech, Taylor W. (See McDuffee, C. A., and Creech.)
Creed and Company. (See Salmon, Reginald D., assignor.)
Creed and Company. (See Sims, Victor, assignor.)
Creed and Company Limited. (See Griffith, Ronald G., assignor.)
Creed and Company Limited. (See Salmon, Reginald D., assignor.)
Creed and Company Limited. (See Thompson, A. E., and Salmon, assignors.)
Creesy, George B., Baltimore, Md., and F. A. Prahl, Toledo, Ohio, assignors to Owens-Illinois Can Company. Waste receptacle. 2,170,604; Aug. 22.
Cregar, Howard, assignor to The National Automatic Tool Company, Richmond, Ind. Combined drilling and tapping unit. 2,176,606; Oct. 17.
Cregar, Howard, assignor to The National Automatic Tool Company, Richmond, Ind. Combination directional drilling and tapping unit. 2,181,873; Dec. 5.
Creighton, Thomas A., and T. E. McMahan, Long Beach, assignors of one-third to M. H. Wright, Los Angeles, Calif. Well bit. 2,179,010; Nov. 7.
Crenshaw, Charles W., deceased, Jackson, Miss.; C. J. Crenshaw, administratrix. Automatically controlled pool table. 2,143,221; Jan. 10.
Crenshaw, Cora J., administratrix. (See Crenshaw, Charles W.)
Creson, William K., assignor to Ross Gear & Tool Company, La Fayette, Ind. Horn button. 2,181,783; Nov. 28.
Crespo, Joseph, New York, N. Y. Panoramic device. 2,182,334; Dec. 5.
Cressey, Steve E., San Pedro, Calif. Float for fish nets. 2,166,463; July 18.
Cressy, Charles O., East Providence, R. I. Remote indicating system. 2,178,563; Nov. 7.
Crest Specialty Company. (See Spenard, Elmer H., assignor.)
Cretcher, Leonard H. (See Butler, C. L., and Cretcher.)
Cretcher, Leonard H. (See Butler, C. L., Renfrew, and Cretcher.)
Creteur, Rudolph W., Sunnyside, Long Island, assignor to Sunair Auto Top Company, Inc., New York, N. Y. Roof panel device. 2,155,357; Apr. 18.
Creveling, John L., near Tucson, Ariz. Lubricating means. 2,157,402; May 9.
Creveling, John L., near Tucson, Ariz. Lubricating means. 2,157,403; May 9.
Creveling, John L., near Tucson, Ariz., assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,176,295; Oct. 17.
Creveling, John L., near Tucson, Ariz., assignor to The Lubrication Corporation, Chicago, Ill. Making lubricating devices. 2,176,296; Oct. 17.
Crew, Joshua A., assignor to The Ayers Mineral Company, Zanesville, Ohio. Treating sands and other granular materials. 2,169,122; Aug. 8.
Crewe, Samuel, East Cleveland, Ohio. Calk gun. 2,180,978; Nov. 21.
Crews, Joseph P., Terrell, Tex. Cooking utensil. 2,177,171; Oct. 24.
Crichton, Delma, New York, N. Y. Stocking protector. 2,163,423; June 20.
Crickmer, Charles S., assignor to Merla Tool Company, Dallas, Tex. Elevating liquids from wells. 2,144,144; Jan. 17.
Crickmer, Charles S., assignor to Merla Tool Company, Dallas, Tex. Well flowing apparatus. 2,144,833; Jan. 24.
Crickmer, Charles S., and H. C. Glitsch, assignors to Merla Tool Company, Dallas, Tex. Valve. 2,143,055; Jan. 10.
Crickmer, Charles S., and R. A. Lamb, assignors to Merla Tool Company, Dallas, Tex. Packing material. 2,182,251; Dec. 5.
Crickmer, Charles S., and R. A. Lamb, assignors to Merla Tool Company, Dallas, Tex. Packing element. 2,184,634; Dec. 26.
Crickmer, Charles S., and R. A. Lamb, assignors to Merla Tool Company, Dallas, Tex. Flow valve. 2,184,635; Dec. 26.
Crickmer, Charles S., and H. C. Glitsch, assignors to Merla Tool Company, Dallas, Tex. Well flowing device. 2,184,636; Dec. 26.
Criddle, Ray B., assignor to Ex-Cell-O Corporation, Detroit, Mich. Retractable tool and holder therefor. 2,179,573; Nov. 14.

Cridge, Edmund L., Passaic, N. J. Window frame unit. 2,152,986; Apr. 4.
Crighton, John, and R. J. A. Chandler, assignors to American Machine & Foundry Company, New York, N. Y. Paste applying device. 2,158,495; May 16.
Crighton, John, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Supply of material in wrapping machines. 2,162,607; June 13.
Criley, Wayne C., Kansas City, Mo. Starter for internal combustion engines. 2,150,026; Mar. 7.
Criley, William W., Cleveland, Ohio. Drop hammer lifting means. 2,142,112; Jan. 3.
Criley, William W., Cleveland, Ohio. Variable stroke drop hammer mechanism. 2,142,113; Jan. 3.
Criley, William W., Cleveland, Ohio. Integral hammer frame and adjustable ram guides. 2,142,114; Jan. 3.
Criley, William W., Cleveland, Ohio. Forming blanks. 2,169,894; Aug. 15.
Criley, William W., Cleveland, Ohio. Bulldozer. 2,183,670; Dec. 19.
Crimmel, Alvie C., Hartford City, Ind. Method and apparatus for forming large mass glassware by gob dropping. 2,162,800; June 20.
Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bread slicing machine. 2,150,426; Mar. 14.
Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bread slicing machine. 2,150,427; Mar. 14.
Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Spacing apparatus. 2,156,563; May 2.
Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bread slicing machine. 2,160,493; May 30.
Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bread slicing machine. 2,160,957; June 6.
Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Slicing machine. 2,167,939; Aug. 1.
Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bread slicing machine. 2,174,257; Sept. 26.
Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bread slicing machine. 2,182,281; Dec. 5.
Criner, Harry J., assignor of one-half to A. G. Bush, Davenport, Iowa. Bread slicing machine. 2,182,282; Dec. 5.
Cripps, Albert A., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Automobile door latch. 2,147,826; Feb. 21.
Cripps, Arthur R. (See Bradley, J. J., Jr., and Cripps.)
Crisler, Ray H. (See Maguire, Forrest R., assignor.)
Crisp, Wilbur C., and W. E. Barnes, Little Falls, N. Y. Timing device. 2,183,548; Dec. 19.
Crissey, Paul, Geneva, assignor to The Edward Katzinger Company, Chicago, Ill. Egg beater and whip. 2,148,399; Feb. 21.
Crist, Donald M., San Francisco, Calif., assignor to Titanium Steel Alloy Company. Magnetic ore separator and classifier. 2,144,796; Jan. 24.
Crist, Robert W. (See Berg, R., and Crist.)
Criswell, Charles W., Eureka, Kans. Polish rod clamp. 2,173,355; Sept. 19.
Critchett, James H., Douglaston, and W. Crafts, Niagara Falls, N. Y., assignors to Electro Metallurgical Company. Treating molten iron and steel with addition agents. 2,168,561; Aug. 8.
Critchfield, Robert M., and J. W. Lawson, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Starter switch. 2,143,104; Jan. 10.
Critchfield, Robert M., and J. White, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Sounding signal device. 2,145,711; Jan. 31.
Critchfield, Walter O., assignor to Shelby Salesbook Company, Shelby, Ohio. Manifolding appliance. 2,163,193; June 20.
Critchlow, Francis B., Los Angeles, Calif. Indicating device for automobiles. 2,161,457; June 6.
Critchlow, William, New Castle, Pa. Table attachment for automobiles. 2,160,958; June 6.
Crites, Bert O., University Heights, assignor to The Climalene Company, Canton, Ohio. Water-softening cleanser. 2,142,180; Jan. 3.
Crites, Joe, Evanston, Ill., assignor to Combustion Engineering Company, Inc., New York, N. Y. Grinding and classifying apparatus. 2,152,876; Apr. 4.
Crites, Joe, Evanston, Ill., assignor to Combustion Engineering Company, Inc., New York, N. Y. Whizzer separator. 2,169,680; Aug. 15.
Crites, Wilbur J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Gas-lift pump. 2,142,483; Jan. 3.
Crites, Wilbur J., and W. B. Lerch, Bartlesville, Okla., assignors to Phillips Petroleum Company. Flowing oil wells. 2,168,116; Aug. 1.
Crites, Wilbur J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Apparatus for well cleaning. 2,179,619; Nov. 14.
Crites, Wilbur J., Bartlesville, Okla., assignor to Phillips Petroleum Company. Well cleaning. 2,179,620; Nov. 14.
Crites, Wilbur J., and D. R. Knowlton, Bartlesville, Okla., assignors to Phillips Petroleum Company. Combination fluid conduit and electrical conductor. 2,178,931; Nov. 7.
Critten, Robert A., Gary, Ind. Continuous strip pickling method and apparatus. 2,166,583; July 18.
Crittenden, Butler P., Riverside, Conn., assignor, by mesne assignments, to Louisiana Oil Refining Corporation, Shreveport, La. Treating hydrocarbon oils. 2,151,691; Mar. 28.
Crittenden, Philip L., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid compressor. 2,155,257; Apr. 18.
Croasdale, Evan T. (See Schwartz, E. W., and Croasdale.)
Croce, Michele, Buffalo, assignor to Certain-teed Products Corporation, New York, N. Y. Covering material. 2,142,181; Jan. 3.
Crocker First National Bank of San Francisco. (See Moseley, Tomlinson I., assignor.)
Crocker, Fred B., Fostoria, Ohio. Fuel supply tank. 2,178,564; Nov. 7.
Crocker, Ivan B., Garnett, Kans., and D. C. Worthy, Oklahoma City, Okla. Fluid lift. 2,170,587; Aug. 22.
Crocker, Thomas F., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,157,848; May 9.
Crocker, Thomas F., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,167,710; Aug. 1.
Crocker, William D. (See Gibson, R. H., and Crocker.)
Crocker, William D., assignor to American Bosch Corporation, Springfield, Mass. Electric ignition interrupter. 2,148,424; Feb. 28.
Crocker, William D., assignor to American Bosch Corporation, Springfield, Mass. Electric circuit interrupter. 2,150,206; Mar. 14.
Crocker, William D., assignor to American Bosch Corporation, Springfield, Mass. Stator structure for dynamo-electric machines. 2,151,955; Mar. 28.
Crockett, Harry L., New Haven, Conn., assignor, by mesne assignments, to Western Cartridge Company. Tubular-magazine repeating firearm. 2,146,941; Feb. 14.
Crockett, Harry L., New Haven, Conn., assignor, by mesne assignments, to Western Cartridge Company. Safety mechanism for firearms. 2,174,971; Oct. 3.
Crockett, Louis A., Rockland, Maine. Apparatus for maintaining compass accuracy in marine installations. 2,162,939; June 20.
Crockford, Joseph R., Forest Hills, N. Y., assignor, by mesne assignments, to Atlas Powder Company, Wilmington, Del. Tapered padding for laundry rolls. 2,146,670; Feb. 7.
Croco, Carlton W. (See Rossander, S. S., and Croco.)
Croft, George M., Vandergrift, assignor to Blaw-Knox Company, Pittsburgh, Pa. Annealing cover or the like. 2,161,779; June 13.
Croft, Martin S., Chicago, Ill. Exhibiting and viewing apparatus. 2,174,778; Oct. 3.
Crofton, Harold B., Wallsend-on-Tyne, England. Portable drilling machine. 2,143,975; Jan. 17.
Crom, John M., Jackson Heights, New York. Coating passages. 2,176,891; Oct. 24.
Cromelin, John S., Chicago, Ill. Package. 2,143,866; Jan. 17.
Cromelin, John S., Chicago, Ill. Cigarette package. 2,170,322; Aug. 22.
Crompton, Abraham A., near Uttoxeter, Staffordshire, England. Scissors. 2,184,909; Dec. 26.
Crompton, George, Jr., assignor to Norton Company, Worcester, Mass. Grinding wheel. 2,148,400; Feb. 21.
Crompton & Knowles Jacquard & Supply Company. (See Foster, Herbert V., assignor.)
Crompton & Knowles Loom Works. (See Darwin, Clifford, assignor.)
Crompton & Knowles Loom Works. (See Holmes, Elbridge R., assignor.)
Crompton & Knowles Loom Works. (See Kronoff, Clarence R., assignor.)
Crompton & Knowles Loom Works. (See Lindegren, Carl J., assignor.)
Crompton & Knowles Loom Works. (See Olch, Jacob B., assignor.)
Crompton & Knowles Loom Works. (See Payne, Oscar V., assignor.)
Crompton & Knowles Loom Works. (See Robertson, William W., assignor.)
Crompton & Knowles Loom Works. (See Turner, Richard G., assignor.)
Crompton & Knowles Loom Works. (See Wattie, William M., assignor.)
Cronan, Clifford B., Newtonville, Mass. Universal bearing support. 2,149,728; Mar. 7.
Croninger, Arthur G., and O. D. Baker, Miami, Okla. Copy holder. 2,144,562; Jan. 17.
Cronk, Oscar L., Oswego, N. Y. Vehicle wheel truck. 2,170,012; Aug. 22.
Cronn, Wayne R., Topeka, Kans. Combined billfold and handkerchief simulation. 2,176,791; Oct. 17.
Cronyn, Vincent J., and H. Peruzzini, Buffalo, N. Y., assignors to The Tappan Stove Company, Mansfield, Ohio. Apartment stoves. Re. 21,079; May 16.
Crook, Richard H., trustee. (See Wallace, Archibald L., assignor.)
Crook, Wayne D. (See Stewart, James S., assignor.)

Crook, William V., Kansas City, Mo. Die cut lock top for paper boxes. 2,155,530; Apr. 25.
Crooks, Charles L., Pueblo, Colo. Automatic door lock. 2,181,393; Nov. 28.
Crooks, Kenneth E., and I. F. Dittmar, Williamsport, Pa. Facing and securing the same to a support. 2,173,622; Sept. 19.
Crooks, William H., Kenton, Ohio. Poultry blood testing table. 2,161,020; June 6.
Croom-Johnson, Douglas C., Upper Warlingham, England. Means adapted to enable aircraft to pick up while in flight articles or persons. 2,150,599; Mar. 14.
Crop Protection Institute. (See Nikitin, A. A., and Adams.)
Crosby, Alvin B., Dallas, Tex., deceased; Lena Crosby, administratrix. Envelope-stuffing machine. 2,163,572; June 27.
Crosby, Lena, administratrix. (See Crosby, Alvin B.)
Crosby, Matthew J., Matawan, N. J. Combined level and transit. 2,144,482; Jan. 17.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Image eliminaton receiver. 2,150,115; Mar. 7.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Multiple grid harmonic generator. 2,152,759; Apr. 4.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency modulation receiver. 2,154,398; Apr. 11.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Back to back phase modulation receiver. 2,156,374; May 2.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Phase modulation receiver. 2,156,375; May 2.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Series crystal phase modulation receiver. 2,156,376; May 2.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Receiver for amplitude or phase modulated waves. 2,158,276; May 16.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Frequency modulation receiver. 2,163,747; June 27.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Phase modulation. 2,165,229; July 11.
Crosby, Murray G., Riverhead, N. Y., assignor to Radio Corporation of America. Receiver with automatic frequency control. 2,172,372; Sept. 12.
Crosby Naval Stores, Incorporated. (See Price, Robert E., assignor.)
Crosby, Robert A., Milton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Binding a shoe upper. 2,153,613; Apr. 11.
Crosby Steam Gage & Valve Company. (See Klafstad, E., and Gundersen, assignors.)
Crosby, Stephen A., New York, N. Y. Cooling device. 2,152,467; Mar. 28.
Crosier, James H. (See Hutchens, H. G., and Crosier.)
Crosley Corporation, The. (See Conrady, John A., assignor.)
Crosley Corporation, The. (See Crosley, L. M., and Money, assignors.)
Crosley Corporation, The. (See Crosley, Lewis M., assignor.)
Crosley Corporation, The. (See Crosley, Powel, Jr., assignor.)
Crosley Corporation, The. (See Gray, Walter P., assignor.)
Crosley Corporation, The. (See Griese, William B., assignor.)
Crosley Corporation, The. (See Johnston, Fred E., assignor.)
Crosley Corporation, The. (See Mittendorf, William R., assignor.)
Crosley Corporation, The. (See Money, Roland H., assignor.)
Crosley Corporation, The. (See Rockwell, Ronald J., assignor.)
Crosley Corporation, The. (See Teague, Walter D., Jr., assignor.)
Crosley Corporation, The. (See Waterworth, Robert J., assignor.)
Crosley Corporation, The. (See Williamson, C. O., and Money, assignors.)
Crosley, Lewis M., assignor to The Crosley Corporation, Cincinnati, Ohio. Piston compressor pump. 2,147,767; Feb. 21.
Crosley, Lewis M., and R. H. Money, assignors to The Crosley Corporation, Cincinnati, Ohio. Evaporator for use in refrigeration devices. 2,143,976; Jan. 17.
Crosley, Lewis M., and R. H. Money, Cincinnati, Ohio, assignors to The Crosley Corporation. Construction of evaporator units and composite evaporators. 2,154,562; Apr. 18.
Crosley, Powel, Jr., assignor to The Crosley Corporation, Cincinnati, Ohio. Ice cube tray grid. 2,143,977; Jan. 17.
Crosley, Powel, Jr., Cincinnati, Ohio, assignor to The Crosley Corporation. Advertising demonstration device. 2,152,731; Apr. 4.
Crosman, Loring P., Maplewood, assignor, by mesne assignments, to Monroe Calculating Machine Company, Orange, N. J. Listing calculator. 2,147,692; Feb. 21.
Crosman, Loring P., Maplewood, assignor to Monroe Calculating Machine Company, Orange, N. J. Listing adding machine. Re. 21,050; Apr. 18.
Cross, Bertram J. (See Toensfeldt, K., and Cross.)
Cross, Burl G., Lansing, Mich. Furnace heat economizer. 2,181,597; Nov. 28.
Cross, Carroll N., Middleboro, Mass. Picture holder. 2,181,874; Dec. 5.
Cross, Frank H., Baltimore, Md. Game board. 2,146,055; Feb. 7.
Cross, Herbert, Cynwyd, Pa., assignor to Mutual Tea Packing Co. Inc., New York, N. Y. Bag containing beverage material. 2,143,302; Jan. 10.
Cross, James R., assignor of one-half to T. F. Hobson, St. Petersburg, Fla. Insecticidal repellant. 2,159,550; May 23.
Cross, John, Chicago, Ill. Sanitary device for animals. 2,173,356; Sept. 19.
Cross, Lester L. (See Piroumoff, G. S., and Cross.)
Cross, Mark, Company. (See Willmot, Frank, assignor.)
Cross, Matthew F. (See Cross, Roy and M. F.)
Cross, Roland C., Bath, England. Rotary valve engine. 2,169,631; Aug. 15.
Cross, Roy, Kansas City, Mo. Mining potash. 2,161,800; June 13.
Cross, Roy and M. F., Kansas City, Mo. Cleaning oil well drilling fluids. 2,156,333; May 2.
Cross, Thomas Jr., Baton Rouge, La., assignor to Standard Oil Development Company. Conversion of hydrocarbons. 2,166,544; July 18.
Crosser, David H., Chicago, Ill., assignor to National Tinsel Mfg. Co., Manitowoc, Wis. Flower and candle holder. 2,151,192; Mar. 21.
Crossingham, James H., assignor to Mount Airy Knitting Company, Mount Airy, N. C. Knit undergarment with elastic neck band. 2,157,482; May 9.
Crossley, Alfred, assignor to Johnson Laboratories, Inc., Chicago, Ill. Adjustable coupling system. 2,182,071; Dec. 5.
Crossley, Alfred, and C. C. Neighbors, assignors to Johnson Laboratories, Inc., Chicago, Ill. High-frequency inductance. Re. 21,074; May 9.
Crossley, Frank S. (See Cope, A. C., Hartung, and Crossley.)
Crossley, George K., Pawtucket, R. I., assignor to Scully Signal Company, Cambridge, Mass. Audible signal device for liquid tanks. 2,143,476; Jan. 10.
Crossley, Moses L., Plainfield, assignor to The Calco Chemical Co. Inc., Bound Brook, N. J. Vaginal preparation. 2,149,240; Feb. 28.
Crossley, Moses L., Plainfield, assignor to Calco Chemical Co. Inc., Bound Brook, N. J. Lubricating composition. 2,161,560; June 6.
Crossley, Moses L., Plainfield, R. H. Kienle, Bound Brook, and A. L. Peiker, East Bound Brook, assignors to The Calco Chemical Co., Inc., Bound Brook, N. J. Colloidized azo coloring matter. 2,181,800; Nov. 28.
Crossley, Moses L., and L. D. Lytle, Plainfield, N. J., assignors, by mesne assignments, to American Cyanamid Company, New York, N. Y. Vat printing black. 2,185,143; Dec. 26.
Crossley, Royal E., Fayetteville, assignor to Crouse-Hinds Company, Syracuse, N. Y. Lighting unit. 2,166,393; July 18.
Crossley, Royal E., Fayetteville, assignor to Crouse-Hinds Company, Syracuse, N. Y. Floodlight mounting. 2,166,394; July 18.
Crosswhite, Harry W., et al. (See Delano, Frank, assignor.)
Crosthwait, David N., Jr. (See Dunham, Clayton A. and A. R., Crosthwait, and Miller, assignors.)
Crosthwaite, Cedric, Darlington, England. Change-speed gearing. 2,149,668; Mar. 7.
Crosthwaite, Owen S. (See Maxwell, J. A., Crosthwaite, and Duggan.)
Croston, George, La Grande, and J. H. Fluallen, Tacoma, Wash. Cap lock. 2,148,338; Feb. 21.
Crothers, Paul F. (See Trier, F. N., and Crothers.)
Crothers, Paul F., assignor to Trier Bros. Limited, London, England. Apparatus for delivering material in solid, plastic, or semiliquid form from storage containers. 2,154,325; Apr. 11.
Crothers, Paul W., assignor to Dr. G. H. Michel and Co., Inc., Cleveland, Ohio. Mortuary device. 2,156,260; May 2.
Crotts, Andrew P., assignor of one-sixth to J. T. Crotts, one-sixth to L. A. Edwards, and one-sixth to C. P. McKinney, Marlow, Okla. Roll material dispenser. 2,154,440; Apr. 18.
Crotts, James T., et al. (See Crotts, Andrew P., assignor.)
Crouch, Reginald H. (See Pierpoint, A. J., and Crouch.)
Crouch, Richard H., assignor of one-half to Automatic Machinery Corporation, Pulaski, Va. Combined cut-off and miter saw. 2,142,303; Jan. 3.
Crouch, Richard H., assignor to Automatic Machinery Corporation, Pulaski, Va. Straight line cut-off saw. 2,171,541; Sept. 5.
Crouch, Richard H., assignor to Automatic Machinery Corporation, Pulaski, Va. Straight-line cut-off saw. 2,172,274; Sept. 5.
Crouse-Hinds Company. (See Baule, Gerhard H. J., assignor.)
Crouse-Hinds Company. (See Bissell, Carl H., assignor.)
Crouse-Hinds Company. (See Blood, Robert A., assignor.)

Crouse-Hinds Company. (See Crossley, Royal E., assignor.)
Crouse-Hinds Company. (See Hardage, Clarence A., assignor.)
Crouse-Hinds Company. (See Herrick, John W., assignor.)
Crouse-Hinds Company. (See Jeffers, Walter M., assignor.)
Crouse-Hinds Company. (See Olley, Raymond H., assignor.)
Crouse, Ira. (See Wood, W. H., and Trautman, assignors.)
Croushore, Gerald C. (See Stevens, R. R., and Croushore.)
Croushore, Gerald C., East McKeesport, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Sound producer. 2,142,222; Jan. 3.
Crout, Prescott D., Boston, assignor to Raytheon Manufacturing Company, Newton, Mass. Adjustable magnetic apparatus. 2,157,324; May 9.
Crout, Prescott D., Boston, assignor to Raytheon Manufacturing Company, Newton, Mass. Electrical apparatus. 2,171,512; Aug. 29.
Crouter, Herbert E., Flint, Mich. Saddle. 2,153,326; Apr. 4.
Crowder, Helen E. (See Ingalls, Henry A., assignor.)
Crowe Name Plate & Manufacturing Co. (See Benton, Harold Z., assignor.)
Crowe Name Plate & Manufacturing Co. (See Maher, William A., assignor.)
Crowe, Thomas B. (See Mills, L. D., and Crowe.)
Crowell, Clarence W., assignor to Rochester Germicide Company, Rochester, N. Y. Liquid dispenser. 2,177,056; Oct. 24.
Crowell, Erd V. (See Gilstrap, F. M., and Baurmann, assignors.)
Crowell, Erd V., Los Angeles, Calif. Apparatus for cementing wells. 2,161,282; June 6.
Crowell, Erd V., Glendale, Calif. Apparatus for cementing wells. 2,161,283; June 6.
Crowell, Erd V., Glendale, Calif. Apparatus for cementing wells. 2,161,284; June 6.
Crowell, Erd V., Los Angeles, Calif. Apparatus for cementing wells. 2,177,172; Oct. 24.
Crowell, Gordon W., Belleville, N. J. Spring suspension for automobiles. 2,181,692; Nov. 28.
Crowell, Walter S. (See Stangenberg, J. W. H., Crowell, and Gross.)
Crowley, Daniel J., Grosse Pointe, Mich. Radio receiving set. 2,176,667; Oct. 17.
Crowley, Enos W., assignor to Tropic-Aire, Incorporated, Minneapolis, Minn. Nozzle. 2,154,731; Apr. 18.
Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Valve stem. 2,147,153; Feb. 14.
Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Chuck clip. 2,152,375; Mar. 28.
Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Valve stem. 2,160,398; May 30.
Crowley, John C., Cleveland Heights, assignor to The Dill Manufacturing Company, Cleveland, Ohio. Vulcanizing unit. Re. 21,230; Oct. 10.
Crowley, Robert, North Quincy, Mass. Golf teaching and practicing device. 2,150,580; Mar. 14.
Crowley, Robert, North Quincy, Mass. Golf training apparatus. 2,169,407; Aug. 15.
Crown Can Company. (See Ayers, S. H., and Lang, assignors.)
Crown Can Company. (See Darling, Frank L., assignor.)
Crown Can Company. (See McManus, C. E., and Darling, assignors.)
Crown Can Company. (See Mills, John, assignor.)
Crown Can Company. (See Weisenburg, Andrew, assignor.)
Crown Cork & Seal Company. (See Austin, H. M., and Muir, assignors.)
Crown Cork & Seal Company. (See Beisler, Walter H., assignor.)
Crown Cork & Seal Company. (See Booth, George W., assignor.)
Crown Cork & Seal Company. (See Calleson, Amos and E. A., assignors.)
Crown Cork & Seal Company. (See Cooke, Giles B., assignor.)
Crown Cork & Seal Company. (See Cornelius, Anders E. A. S., assignor.)
Crown Cork & Seal Company. (See Duhan, Frederick W., assignor.)
Crown Cork & Seal Company. (See Enkur, Edward M., assignor.)
Crown Cork & Seal Company. (See Enkur, E. M., and Lauve, assignors.)
Crown Cork & Seal Company. (See Flotron, Paul E., assignor.)
Crown Cork & Seal Company. (See Gladfelter, Wiltie I., assignor.)
Crown Cork & Seal Company. (See Goebel, G., and Chantland, assignors.)
Crown Cork & Seal Company. (See Huntley, C. J., and Stewart, assignors.)
Crown Cork & Seal Company. (See McManus, Charles E., assignor.)
Crown Cork & Seal Company. (See Mueller, Juan M., assignor.)
Crown Cork & Seal Company. (See Pearson, Thomas F., assignor.)
Crown Cork & Seal Company. (See Rainer, William C., assignor.)
Crown Cork & Seal Company. (See Rau, Harry A., assignor.)
Crown Cork & Seal Company. (See Schon, Matthew, assignor.)
Crown Cork & Seal Company. (See Schon, M., and Be Ment, assignors.)
Crown Cork & Seal Company. (See Warth, A. H., and Gassmann, assignors.)
Crown Zellerbach Corporation. (See West, Wilfred H., assignor.)
Crown Cork & Seal Company. (See West, William M., assignor.)
Crown Cork & Seal Company. (See Wilbur, Scott I., assignor.)
Crown Metal Company. (See Elsby, W., and Kalishe, assignors.)
Crown Stove Works. (See Rogers, John C., assignor.)
Crown Stove Works. (See Sickinger, William H., assignor.)
Crown Zellerbach Corporation. (See Mispley, R. G., and Barber, assignors.)
Crowther, Gilbert R., and J. P. Goodman, assignors of one-third to G. H. Pings, New York, N. Y. Thermal expansion steam trap. 2,163,667; June 27.
Crowther, Raymond E., London, England, assignor to Eastman Kodak Company, Rochester, N. Y. Focusing arrangement for cameras. 2,153,132; Apr. 4.
Croy, John L., Duncan, Okla. Cultivator attachment. 2,184,211; Dec. 19.
Crozier, August B., Walford, Iowa. Post hole digger. 2,166,395; July 18.
Crozier, Robert N. (See Blaikie, K. G., and Crozier.)
Crucible Steel Company of America. (See Payson, P., Bergen, and Hodapp, assignors.)
Cruickshank, Alexander, Clayburn, British Columbia, Canada. Pliers. 2,144,180; Jan. 17.
Cruikshank, James M., Pilot Mound, Manitoba, Canada. Tractor harrow hitch. 2,164,577; July 4.
Cruikshank, Virginius M., Sunbury, Pa. Heat control system. 2,160,381; May 30.
Crum, Dana S., Wernersville, Pa. Container and carrying case. 2,157,257; May 9.
Crum, Harold W., and D. W. Brown, Akron, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Airship mooring. 2,150,428; Mar. 14.
Crum, Roland R., Whittier, Calif. Roller bit structure. 2,143,909; Jan. 17.
Crum, Roland R., assignor of one-fourth to E. A. Perkins, and three-eighths to F. W. Brainard, Whittier, Calif. Roller bit. 2,171,057; Aug. 29.
Crum, Roland R., assignor of one-fourth to E. A. Perkins, and three-eighths to F. W. Brainard, Whittier, Calif. Manufacturing roller bit structure. 2,171,058; Aug. 29.
Crumb, Charles F., and S. E. Hilblom, Chicago, Ill., assignors to International Harvester Company. Tractor mower. 2,166,942; July 25.
Crumb, Charles F., Chicago, and E. Mowry, Rock Falls, Ill., assignors to International Harvester Company. Rake tooth construction. 2,171,025; Aug. 29.
Crumb, Charles F., and S. E. Hilblom, Chicago, Ill., assignors to International Harvester Company. Tractor mower. 2,176,992; Oct. 24.
Crumrine, Chester W., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,157,053; May 2.
Crumrine, Chester W., assignor to Eastman Kodak Company, Rochester, N. Y. Shutter rebound check. 2,161,338; June 6.
Crumrine, Chester W., assignor to Eastman Kodak Company, Rochester, N. Y. Folding camera construction. 2,165,346; July 11.
Crumrine, Chester W., assignor to Eastman Kodak Company, Rochester, N. Y. View finder for folding cameras. 2,168,977; Aug. 8.
Cruse, Ralph E., Oakland, Calif., assignor, by mesne assignments, to Acme Steel Company of Illinois, Chicago, Ill. Box strapping machine. 2,151,956; Mar. 28.
Cruser, Victor I., East Orange, N. J., assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Insulator. 2,144,872; Jan. 24.
Cruzan, Charles C., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Ring binder. 2,158,056; May 16.
Cruzan, Charles C., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Ring binder. 2,170,260; Aug. 22.
Crutchfield, Jack B. (See Zimmer, J. C., and Crutchfield.)
Cryan, Joseph, Newtonville, Mass. Noncollapsible thread tube or bobbin. 2,148,339; Feb. 21.
Cryer, John A., Purling, N. Y. Connector. 2,180,866; Nov. 21.
Cryor, Robert E., Oak Park, assignor to Union Asbestos & Rubber Company, Chicago, Ill. Locomotive cab curtain. 2,145,235; Jan. 31.
Crystal Manufacturing Company. (See Trojan, José.)
Cserny, Ludwig, Wiesbaden, Germany, assignor to The Resinous Products & Chemical Co., Philadelphia, Pa. Phenolic condensation product. 2,175,793; Oct. 10.
Cubert, Joseph R. (See Huth, W. H., and Cubert.)

Cubitt, Roger H., London, England, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Manufacture of alternating electric current rectifiers. 2,172,576; Sept. 12.
Cubitt, Roger H. (See Williams, A. L., Thompson, and Cubitt.)
Cuddeback, Nelson C., Chicago, and B. R. Benjamin, Oak Park, Ill., assignors to International Harvester Company. Traction tire. 2,154,035; Apr. 11.
Cuddon-Fletcher, Aungus H., near Great Yarmouth, England. Induction system for internal combustion engines. 2,164,230; June 27.
Cudney, John F., Buffalo, N. Y. Thermionic vacuum tube. 2,157,595; May 9.
Cuff, Fred A., assignor to H. D. Hudson Manufacturing Company, Chicago, Ill. Portable spraying apparatus. 2,143,260; Jan. 10.
Cufflin, John J., Verdun, Quebec, Canada. Universal shaft coupling. 2,179,921; Nov. 14.
Culbertson, George A., Verona, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,183,162; Dec. 12.
Culbertson, Howard E., Cleveland Heights, Ohio. Supporting structure for elevated railway tracks and elevating the tracks. 2,160,399; May 30.
Culbertson, Joe W., West Hollywood, Calif., assignor to Technical Oil Tool Corporation, Ltd. Centering device for drift recording instruments. 2,170,527; Aug. 22.
Culkin, Lawrence F. (See Fisher, A. K., and Culkin.)
Cullen, Albert E., Willow Grove, Pa. Roadway for toy electric vehicles. 2,166,752; July 18.
Cullen, Harry E. (See Ronning, H. O., Cullen, Monson, and Sandberg.)
Cullin, Jasper F., Detroit, Mich., assignor to I. Mervis, Chicago, Ill. Battery charging apparatus. 2,159,885; May 23.
Cullin, Jasper F., Detroit, Mich., assignor of two-thirds to L. Mervis, Chicago, Ill. Wind propeller generator. 2,159,886; May 23.
Cullin, Jasper F., Detroit, Mich., assignor of two-thirds to L. Mervis, Chicago, Ill. Mechanism for dereeling or unwinding wire from coils. 2,179,574; Nov. 14.
Cullomer, Frank J. (See Emanuel, Victor, assignor.)
Culp. Harry R. (See Youngman, J., and Culp.)
Culp, Robert G., Conemaugh, Pa. Ice cap. 2,158,571; May 16.
Cumfer, Donald A., assignor to United States Gypsum Company, Chicago, Ill. Saturating. 2,176,835; Oct. 17.
Cumberland Case Company. (See McKenney, Fred Y., assignor.)
Cumberland Case Co. (See Swingle, Donald R., assignor.)
Cummer Sons Cypress Company. (See Hague, Arthur G., assignor.)
Cumming, James M. (See Van Sickle, R. C., and Cumming.)
Cummings, Clarence C. (See Bell, William E., assignor.)
Cummings, George C. (See Cramer, W. W., and Cummings.)
Cummings, George C., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,154,230; Apr. 11.
Cummings, George C., Orange, N. J., and R. B. Hearn, Hollis, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,183,708; Dec. 19.
Cummings, John, assignor to Highway Trailer Company, Edgerton, Wis. Auxiliary brake apparatus for semitrailer vehicles. 2,182,941; Dec. 12.
Cummings, Rodney B., Forest Grove, Oreg. Trouble finder. 2,142,304; Jan. 3.
Cummings, Salathiel F. (See Glenn, C. O., and Cummings.)
Cummings, Thomas L. (See Haring, Ivan P., assignor.)
Cummings, William W., Jr., Windermere, Fla. Humidifier. 2,170,551; Aug. 22.
Cummins, Arthur B., Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Silicate product and making the same. 2,173,085; Sept. 19.
Cummins, Arthur B., Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Composition of matter. 2,177,197; Oct. 24.
Cummins, Arthur B., and L. B. Miller, Plainfield, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Siliceous product and making the same. 2,164,500; July 4.
Cummins, Norman W., Louisville, Ky., assignor, by mesne assignments, to American Chain & Cable Company, Inc., New York, N. Y. Vertical extension for vehicle bumpers. 2,178,138; Oct. 31.
Cummins Perforator Company. (See Swanson, Hjalmar A., assignor.)
Cumpston, Curtis H., assignor of one-fourth to A. M. McMahon and one-fourth to J. Eckford, Dallas, Tex. Cotton-drier gin. 2,149,669; Mar. 7.
Cundall, Lincoln A. (See Cundall, Robert N. and L. A.)
Cundall, Lincoln A., assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Apparatus for packaging material. 2,144,046; Jan. 17.
Cundall, Luta L., administratrix. (See Cundall, Robert N.)
Cundall, Luta L., administratrix. (See Cundall, Robert N. and L. A.)
Cundall, Robert N., Lackawanna, N. Y., assignor to Bagpak, Inc. Apparatus for closing, sewing, and sealing bags. 2,160,059; May 30.
Cundall, Robert N., deceased, by L. L. Cundall, administratrix, Lackawanna, assignor to Bagpak, Inc., New York, N. Y. Apparatus for filling bags. 2,160,060; May 30.
Cundall, Robert N., deceased; L. L. Cundall, administratrix, Lackawanna, assignor to Consolidated Packaging Machinery Corporation, Buffalo, N. Y. Bag closing machine. 2,175,557; Oct. 10.
Cundall, Robert N., deceased, by L. L. Cundall, administratrix, Lackawanna, and L. A. Cundall, Rochester, assignors to Bagpak, Inc., New York, N. Y. Apparatus for filling, sewing, and sealing bags. 2,164,501; July 4.
Cundall, Robert N., deceased, by L. L. Cundall, administratrix, Lackawanna, and L. A. Cundall, Rochester, assignors to Bagpak, Inc., New York, N. Y. Apparatus for closing and sealing filled bags. 2,164,502; July 4.
Cuneo Eastern Press, Inc., The. (See Faeber, Harry W., assignor.)
Cunha, Anthony M., Providence, assignor of one-half to A. Jodoin, Marieville, R. I. Horn control for a motor vehicle. 2,181,419; Nov. 28.
Cunin, Hyman, Washington, D. C. Window head construction or the like. 2,175,110; Oct. 3.
Cunliffe, C. Raymond, et al. (See Flautt, Porter H., assignor.)
Cunningham, Arthur W., Dayton, Ohio. Collapsible gate. 2,154,421; Apr. 18.
Cunningham, Firmin M. (See Dunaway, U. C., and Cunningham.)
Cunningham, George L., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Production and dehydration of alkali metal hydroxides. 2,144,364; Jan. 17.
Cunningham, George L., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Preparation of sodium chlorate and sodium chlorite and the separation thereof. 2,169,066; Aug. 8.
Cunningham, George L., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Chlorine dioxide manufacture. 2,172,434; Sept. 12.
Cunnington, George R., assignor to Woodall Industries Incorporated, Detroit, Mich. Laminated thermoplastic insulation material. 2,184,139; Dec. 19.
Cunnington, George R., assignor to Woodall Industries Incorporated, Detroit, Mich. Laminated thermoplastic insulation material. 2,184,140; Dec. 19.
Cunningham, Harold J., Scotch Plains, L. R. Douglass, Verona, J. A. Duncan, Ridgewood, and C. R. Walker, Jersey City, N. J., assignors to American Telephone and Telegraph Company. Telegraph system. 2,171,542; Sept. 5.
Cunningham, Harry G. (See Eglingson, W., and Cunningham.)
Cunningham, Harry G., Los Angeles, and W. F. Hanberry, Hollywood, Calif., assignors to Radio Keith Orpheum Corporation. Plate cooler for stereopticon slides. 2,175,343; Oct. 10.
Cunningham, James D., assignor to Republic Flow Meters Company, Chicago, Ill. Recording instrument. 2,152,303; Mar. 28.
Cunningham, James M., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Electrical device. 2,161,614; June 6.
Cunningham, James M., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Multiplying machine. 2,165,230; July 11.
Cunningham, James M., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Multiplying machine. 2,174,690; Oct. 3.
Cunningham, John A., assignor of one-half to M. Cunningham, Bethlehem, Pa. Foot exerciser. 2,160,722; May 30.
Cunningham, John J., New York, N. Y. Collar. 2,166,425; July 18.
Cunningham, Lewis L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Remote control system. 2,160,400; May 30.
Cunningham, Lewis L., Milwaukee, Wis., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Adjustable thermostatic switch. 2,171,273; Aug. 29.
Cunningham, Mary. (See Cunningham, John A., assignor.)
Cunningham, Maud E., Huntington Park, Calif. Brassière strap holder and the like. 2,163,936; June 27.
Cunningham, Vincent W., Chicago, Ill. Method of and apparatus for washing receptacles such as tumblers and the like. 2,153,238; Apr. 4.
Cuno, Charles H., and S. L. Wolfson, assignors to The Cuno Engineering Corporation, Meriden, Conn. Filtering apparatus. 2,167,322; July 25.
Cuno Engineering Corporation, The. (See Cuno, C. H., and Wolfson, assignors.)
Cuno Engineering Corporation, The. (See Bilger, H. W., and Kessel, assignors.)
Cuomo, Angelo, Brooklyn, N. Y. Device for curling and locking hair. 2,153,133; Apr. 4.
Cuozzo, Michele, Lynn, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Flexible shoe. 2,183,671; Dec. 19.

Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition. 2,142,115; Jan. 3.
Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nonfibrous cellulosic structure and producing same. 2,142,116; Jan. 3.
Cupery, Martin E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Flameproofed cellulosic materials. 2,163,085; June 20.
Cupery, Martin E., and J. H. Shipp, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Forming sulphuric acid esters. 2,147,785; Feb. 21.
Cupery, Martin E., and D. M. McQueen, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Tanning. 2,150,961; Mar. 21.
Cupit, George W., Jr. (See Merriam, H. F., and Cupit.)
Cupples Company. (See Thener, Arthur F., assignor.)
Cupstid, Dallis C., New Brookland, S. C. Game apparatus. 2,145,220; Jan. 24.
Curci, Urbano, Ridgway, Pa. Electric heater. 2,153,239; Apr. 4.
Cureton, Paul, Vallejo, Calif. Washing machine. 2,171,845; Sept. 5.
Curioni, Aldo, Katonah, and A. Velo, White Plains, N. Y., assignors to Fuel-Saver Corporation. Carburetor. 2,145,863; Feb. 7.
Curl, Fred H., assignor of one-half to A. E. Kullander, Des Moines, Iowa. Apparatus for casting finger rings. 2,150,962; Mar. 21.
Curle, George L., Minneapolis, Minn. Lubricating the side-trimming knives in a type casting machine. 2,165,347; July 11.
Currah, Launcelot E. (See Willans, P. W., and Currah.)
Curran, Benjiman F., Bristow, Okla. Mold for precast wall facings. 2,148,189; Feb. 21.
Curran, James M. (See Bannerman, G. H., Curran, and Trout.)
Curran, Maurice D., Glendale, Mo., assignor to Tar & Petroleum Process Company, Chicago, Ill. Air regenerator for coke ovens. 2,147,827; Feb. 21.
Curran, Maurice D., Glendale, Mo., assignor to Tar & Petroleum Process Company, Chicago, Ill. Coke oven construction. 2.148.107: Feb. 21.
Curran, Maurice D., Glendale, Mo., assignor to Tar & Petroleum Process Company, Chicago, Ill. Coke oven construction. 2,148,108; Feb. 21.
Curran, Maurice D., Glendale, Mo., assignor to Tar & Petroleum Process Company, Chicago, Ill. Coke making process. 2,158,816; May 16.
Curran, Maurice D., Glendale, Mo., assignor to Tar & Petroleum Process Company, Chicago, Ill. Treating coal. 2,162,064; June 13.
Curran, Russell E., Chicago, Ill. Combination lock. 2,173,680; Sept. 19.
Curren-Fabrihome Corporation, The. (See Curren, Harold S., assignor.)
Curren, Harold S., Pultneyville, N. Y., assignor to The Curren-Fabrihome Corporation, Francistown, N. H. Method and apparatus for forming concrete structures. 2,160,647; May 30.
Current, Ira B., and W. Henrikson, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Copying camera. 2,163,776; June 27.
Curreri, Michael, Plainfield, N. J. Sewing machine work guide attachment. 2,163,086; June 20.
Currie, Albert E., Ottawa, Ontario, Canada. Fertilizing device. 2,159,321; May 23.
Currie, Arthur E., Shaker Heights, Ohio. Garment carrier. 2,176,792; Oct. 17.
Currie, Hugh A. (See Pfitzer, Adolf, assignor.)
Currie, Kent D., Baltimore, Md., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Brush display rack. 2,169,722; Aug. 15.
Currie Mfg. Co. (See Pfitzer, Adolf, assignor.)
Currie, Otis C. (See Sherman, J. D., Reed, and Currie.)
Currie, Otis C., assignor to Reynolds Spring Company, Jackson, Mich. Reinforced fibrous tacking strip. 2,153,514; Apr. 4.
Currie, Thomas D., Vaughan Township, Ontario, Canada, assignor to Dixie-Vortex Company, Chicago, Ill. Flat bottom ice cream container. 2,150,207; Mar. 14.
Currier, Lorenzo G., Winchester, Mass. Ski. 2,143,545; Jan. 10.
Currier, Lorenzo G., Winchester, Mass. Ski. 2,157,325; May 9.
Currier, Neil B. (See McClinton, L. H., and Currier.)
Currier, Neil B., Huntington Park, Calif. Roll paper cutter. 2,152,031: Mar. 28.
Currier, Philip M., Ballston Spa, N. Y., assignor to General Electric Company. Dynamo-electric machine. 2,166,801; July 18.
Currier, Ulysses, G. (See Book, R. H., and Currier.)
Currivan, Francis E., and C. W. Brown, Brattleboro, Vt. Material spreader. 2,179,483; Nov. 14.
Curry, Arnold L., assignor of one-third to H. Wright, Lundale, W. Va. Coupling. 2,169,636; Aug. 15.
Curry, Hugh F., Englewood, N. J. Container and seam closure therefor. 2,178,778; Nov. 7.
Curry, Oliver B., El Dorado, Kans., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fuse. 2,157,198; May 9.
Curry, Virgil A., Dehue, W. Va. Trolley wire tap with anchor clamp. 2,166,656; July 18.
Curry, William G., Agawam, assignor to Williams Jewelry Distributors Corp., Springfield, Mass. Cutting tool. 2,175,078; Oct. 3.
Curry, William G., Springfield, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Racket press. 2,167,560; July 25.
Curtin, John J., Haverhill, Mass. Wood sectional block. 2,172,905; Sept. 12.
Curtin, Leo P., Cranbury, N. J. Recovery of lead values. 2,152,242; Mar. 28.
Curtin, Marion T., assignor to Germ-Proof Cap, Inc., Rochester, N. Y. Capping bottles. 2,165,132; July 4.
Curtis, Austen M., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 2,143,056; Jan. 10.
Curtis, Austen M., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal transmission line. 2,181,579; Nov. 28.
Curtis, Charles C., assignor to Halstead Products Company, Oakland, Calif. Oil testing apparatus. 2,171,026; Aug. 29.
Curtis, Charles G., New York, N. Y. Double-acting two-cycle Diesel engine. 2,184,093; Dec. 19.
Curtis Companies Incorporated. (See Beil, Forrest F., assignor.)
Curtis Companies Incorporated. (See Beil, F. F., and Green, assignors.)
Curtis Companies Incorporated. (See Beil, F. F., and Madsen, assignors.)
Curtis Companies Incorporated. (See Green, Earl E., assignor.)
Curtis Companies Incorporated. (See Madsen, Sern, assignor.)
Curtis, Edma H., Jr., Cincinnati, assignor to The Nivison-Weiskopf Company, Reading, Ohio. Paper die cutting machine. 2,181,639; Nov. 28.
Curtis, Franklin E., Willoughby, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing machine. 2,165,231; July 11.
Curtis, Franklin E., Willoughby, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Paper feeding mechanism. 2,165,232; July 11.
Curtis, Franklin E., Willoughby, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Attaching printing plates on drums. 2,165,233; July 11.
Curtis, Franklin E., Willoughby, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Material applicator for planographic printing machines. 2,165,234; July 11.
Curtis, Franklin E., Willoughby, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Material applicator for planographic printing machines. 2,165,235; July 11.
Curtis, Frederick W., Jr., Minneapolis, Minn. Hat hanger. 2,146,109; Feb. 7.
Curtis, George D., at al. (See Mulvanev, Edward L., assignor.)
Curtis, Harry A., Knoxville, Tenn. Making calcium metaphosphate fertilizer. 2,173,826; Sept. 26.
Curtis, Harry A., Knoxville, Tenn. Making calcium metaphosphate. 2,184,287; Dec. 26.
Curtis, Harry A., Knoxville, Tenn., and R. L. Copson, near Sheffield, Ala. Producing phosphorus. 2,143,001; Jan. 10.
Curtis, Harry A., Knoxville, Tenn., and R. C. Heaton, near Sheffield, Ala. Apparatus for making calcium metaphosphate. 2,173,825; Sept. 26.
Curtis, John C., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Feeding mechanism for rock drills. 2,143,105; Jan. 10.
Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Motor. 2,157,120; May 9.
Curtis, John C., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drilling rig. 2,174,415; Sept. 26.
Curtis, Leslie F., Great Neck, N. Y., assignor, by mesne assignments, to Hazeltine Corporation, Jersey City, N. J. Selectivity control for radio. Re. 22,222; Oct. 3.
Curtis, Leslie F., and F. S. Coe, assignors to American Bosch Corporation, Springfield, Mass. Tuning mechanism for radio apparatus. 2,156,679; May 2.
Curtis Machine Corporation. (See Breed, Alfred V., assignor.)
Curtis, Myron S., assignor to W. W. Potter, Pawtucket, R. I. Automatic engine control. 2,158,572; May 16.
Curtis Publishing Company, The. (See Grammer, Allen L., assignor.)
Curtis Pump Company. (See Curtis, William H., assignor.)
Curtis Refrigerating Machine Company. (See Gygax, Ernest, assignor.)
Curtis, Richard C., East Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Restricted frequency transmission. 2,151,464; Mar. 21.
Curtis, Rowland G., assignor to Reeves Steel and Manufacturing Company, Dover, Ohio. Receptacle cover. 2,172,761; Sept. 12.
Curtis, Samuel, Dover, Mass. Boiler. 2,146,565; Feb. 7.
Curtis, Thomas I., Columbus, Ohio. Chapel tent. 2,182.283; Dec. 5.
Curtis Universal Joint Co. Inc. (See Fett, F. C., and Goddard, assignors.)
Curtis, Walter T., Detroit, Mich. Movable barrier for elevated highways. 2,143,433; Jan. 10.

Curtis, Walter T., Detroit, Mich. Supporting and drainage column for elevated highways. 2,147,091; Feb. 14.
Curtis, William H., Elyria, assignor to Curtis Pump Company, Dayton, Ohio. Constant flow nonpulsating pump. 2,165,963; July 11.
Curtiss, Charles E., deceased, Clinton, Wis., Rock County Savings and Trust Company, executor. Hand hoe. 2,169,557; Aug. 15.
Curtiss, Frank L., Lodi, Ohio. Safety device for vehicles. 2,151,014; Mar. 21.
Curtiss, Frank R., New Haven, Conn. Staple machine. 2,174,152; Sept. 26.
Curtiss, Frank R., New Haven, Conn. Staple machine. 2,178,391; Oct. 31.
Curtiss, Rollo Burkett, Richland, N. Y. Costumer. 2,154,833; Apr. 18.
Curtiss, William R., assignor to Connecticut Telephone and Electric Corporation, Meriden, Conn. Switch mechanism. 2,162,528; June 13.
Curtiss-Wright Corporation. (See Berlin, Donovan R., assignor.)
Curtiss-Wright Corporation. (See Berlin, D. R., Watson, and Tydon, assignors.)
Curtiss-Wright Corporation. (See Blanchard, Werner J., assignor.)
Curtiss-Wright Corporation. (See Clay, Roy T., assignor.)
Curtiss-Wright Corporation. (See Desing, Arthur J., assignor.)
Curtiss-Wright Corporation. (See Engelhardt, Lloyd F., assignor.)
Curtiss-Wright Corporation. (See Flader, Fredric E., assignor.)
Curtiss-Wright Corporation. (See Hovgard, Paul E., assignor.)
Curtiss-Wright Corporation. (See Mitschang, Frank and J., and Wander, assignors.)
Curtiss-Wright Corporation. (See Page, George A., Jr., assignor.)
Curtiss-Wright Corporation. (See Perkins, Kendall, assignor.)
Curtiss-Wright Corporation. (See Rossmann, Peter F., assignor.)
Curtiss-Wright Corporation. (See Scott, Carl W., assignor.)
Curtiss-Wright Corporation. (See Trimbach, Clem G., assignor.)
Cushion-Aire Corporation. (See Gerlofson, Carl H., assignor.)
Cushman, Abe L., Concord, N. H. Centrifugal switch. 2,146,286; Feb. 7.
Cushman Chuck Company, The. (See Sloan, H. E., and Highberg, assignors.)
Cushman, James S., New York, N. Y. Holder for cards and other articles. 2,149,509; Mar. 7.
Cushman, Robert A., Morristown, P. H. Smith, Denville, and M. A. Specht, Tenafly, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Antenna coupling system. 2,166,237; July 18.
Cushwa, Charles B., and T. L. White, Youngstown, Ohio, assignors to The Commercial Shearing & Stamping Company. Liner segment. 2,181,508; Nov. 28.
Cusick, Arthur, Youngstown, Ohio. Wallpaper steamer supporting device. 2,164,609; July 4.
Custer, Vincent L., Eau Claire, Wis. Rotary conveyer guide and fork for barn cleaning apparatus. 2,171,330; Aug. 29.
Cutasy Laboratories, Inc. (See Henderson, E. E., and Meeker, assignors.)
Cuthbertson, Leonard J., Girard, Kans. Automatic starting device for internal combustion engines. 2,165,133; July 4.
Cuthrell, Antum E., Crowley, La. System for handling an emulsion. 2,177,517; Oct. 24.
Cutler, Curtis D., Delaware, assignor to Automatic Traffic Counter Company, Inc., Columbus, Ohio. Traffic registering mechanism. 2,161,896; June 13.
Cutler-Hammer, Inc. (See Baer, W. O., and Seeger, assignors.)
Cutler-Hammer, Inc. (See Defandorf, J. L., and Hodgson, assignors.)
Cutler-Hammer, Inc. (See Harwood, Paisley B. assignor.)
Cutler-Hammer, Inc. (See Hodgson, Howard E., assignor.)
Cutler-Hammer, Inc. (See Hunter, Richard B., assignor.)
Cutler-Hammer, Inc. (See Hunter, R. B., and Mekelburg, assignors.)
Cutler-Hammer, Inc. (See Krieger, Alvin R., assignor.)
Cutler-Hammer, Inc. (See Krieger, Alvin W., assignor.)
Cutler-Hammer, Inc. (See Kuhn, Clarence W., assignor.)
Cutler-Hammer, Inc. (See Lockett, Ralph G., assignor.)
Cutler-Hammer, Inc. (See Meuer, George J., assignor.)
Cutler-Hammer, Inc. (See Millermaster, Ralph A., assignor.)
Cutler-Hammer, Inc. (See Seeger, E. W., and Brown, assignors.)
Cutler-Hammer, Inc. (See Seeger, E. W., Brown, and Russell, assignors.)
Cutler-Hammer, Inc. (See Stansbury, Carroll, assignor.)
Cutler-Hammer, Inc. (See Stansbury, C., and Simon, assignors.)
Cutler-Hammer, Inc. (See Stevens, William C., assignor.)
Cutler-Hammer, Inc. (See Swanson, Karl O., assignor.)
Cutler-Hammer, Inc. (See Taylor, John R., assignor.)
Cutler, James L. (See Kimmich, E. G., and Cutler.)
Cutler Manufacturing Company. (See Cranshaw, Harold B., assignor.)
Cutler, Roger W., Boston, Mass. Drive belt for textile spindles. 2,179,655; Nov. 14.
Cutrow, Leo, Los Angeles, Calif. Portable water color box. 2,170,709; Aug. 22.
Cutshall, Walter J., Columbus, Ohio. Clothesline reel. 2,181,226; Nov. 28.
Cutter Laboratories. (See Winegarden, Howard M., assignor.)
Cutter Manufacturing Company. (See Burr, Leland M., Jr., assignor.)
Cutting, Charles D., Detroit, Mich., assignor to The Cutting Sales & Engineering Corporation. Spline shaft construction. 2,161,137; June 6.
Cutting, Charles D., Detroit, Mich., assignor to The Cutting Sales & Engineering Corporation. Spline shaft. 2,161,138; June 6.
Cutting, Lewis H., San Diego, Calif. Switch for a fluid operated device. 2,168,473; Aug. 8.
Cutting Sales & Engineering Corporation. (See Cutting, Charles D., assignor.)
Cuttino, William H. (See Marbury, R. E., and Cuttino.)
Cuttino, William H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Prevention of inductive interference. 2,157,886; May 9.
Cutts, Richard M., Jr., Cape May, N. J. Compensator. 2,165,457; July 11.
Cuvelliez, Francois, assignor to Société Générale Métallurgique de Hoboken, Hoboken, near Antwerp, Belgium. Lead alloy. 2,157,383; May 9.
Cyclone Fence Company. (See Carsley, Harold G., assignor.)
Cyclone Fence Company. (See Gustafson, Gustaf A., assignor.)
Cyclone Fence Company. (See Harter, Noah S., assignor.)
Cyclone Fence Company. (See Morrissey, Joseph V., assignor.)
Cyclone Seeder Co. Inc., The. (See Speicher, P. J., and Stark, assignors.)
Cyr, Benjamin, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fluid flow regulator. 2,155,358; Apr. 18.
Cyr, Benjamin, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Valve. 2,180,800; Nov. 21.
Czapek, Emil, Berlin, Germany, assignor to Guaranty Trust Company of New York, New York, N. Y. Apparatus for the manufacture of cellulose film or foil webs and the like. 2,183,255; Dec. 12.
Czarnecki, Walter, assignor to Eddington Metal Specialty Co., Eddington, Pa. Fuel supply unit. 2,174,869; Oct. 3.
Czarnecki, Walter, assignor to Eddington Metal Specialty Co., Eddington, Pa. Pressure regulating valve. 2,178,223; Oct. 31.
Czarnecki, Walter, assignor to Eddington Metal Specialty Co., Eddington, Pa. Rotary pump. 2,182,072; Dec. 5.
Czeija, Oskar. (See Lierg, Friedrich, assignor.)
Czerwin, Edmund J., Newark, N. J. Air-cooled tire. 2,146,942; Feb. 14.
Czeschin, Frank H., Washington, Mo. Water heater. 2,179,496; Nov. 14.
D. H. P. Manufacturing Co. (See Pierson, Benjamin J., assignor.)
Dach, Max, Flushing, N. Y. Fuel control for internal combustion engines. 2,174,972; Oct. 3.
Dachlauer, Karl. (See Flemming, W., Dachlauer, and Schnitzler.)
Dachlauer, Karl. (See Koch, E., Thomsen, and Dachlauer.)
Dachlauer, Karl, Hofheim-on-the-Taunus, and E. Schnitzler, Frankfort-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Chlorinating methane and the homologues thereof. 2,156,039; Apr. 25.
Dack, Rudolph. (See Lebert, P., and Dack.)
Dadian, Meguerditch, Paris, France. Tooth brush. 2,169,581; Aug. 15.
Dadson, Thomas E., Royal Oak, assignor to Electromaster, Inc., Detroit, Mich. Heating device. 2,174,079; Sept. 26.
Dadson, Thomas E., Royal Oak, assignor to Electromaster, Inc., Detroit, Mich. Electric heater. 2,177,173; Oct. 24.
Daene, Herbert, Berlin-Friedenau, assignor to Allgemeine Elektricitats Gesellschaft, Berlin, Germany. Hot cathode discharge tube. 2,156,752; May 2.
Daesen, John R., Oak Park, and A. F. Bradley, Sterling, Ill., assignors to Northwestern Steel and Wire Company. Galvanizing process. 2,172,933; Sept. 12.
Daetsch & Woodward, Inc. (See Dietze, Emil, assignor.)
Dagavarian, Hagop, assignor of one-half to M. H. Chakoian, Chicago, Ill. Matrix retainer. 2,152,877; Apr. 4.
Dahl, Calvin Martin, Chicago, Ill. Cap retainer means for tubes or containers. 2,147,246; Feb. 14.
Dahl, Edward T., Abington, assignor to E. and C. Macleod, L. Soule, S. A. Sargent, Jr., H. A. Stebbins, and F. A. Morrison, trustees, doing business as Mason-Neilan Regulator Company, Boston, Mass. Liquid level control device. 2,180,844; Nov. 21.

Dahl, Edwin, Denver, Colo. Post hole punch. 2,154,732; Apr. 18.
Dahl, Gosta, Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Suction nozzle. 2,170,963; Aug. 29.
Dahl, Magnus G., West Hartford, assignor to The Arrow-Hart & Hegemen Electric Company, Hartford, Conn. Fuse block. 2,163,460; June 20.
Dahl, Otto. (See Osborn, D., and Dahl.)
Dahl, Otto, Berlin-Friedenau, and F. Pawlek, Berlin-Niederschoneweide, Germany, assignor to General Electric Company. Improving the magnetic properties of ferrous alloys. 2,145,712; Jan. 31.
Dahl, Otto, Berlin-Wilmersdorf, and H. Dallmann, Berlin-Karlshorst, Germany, assignors to General Electric Company. Aluminum base alloy. 2,183,391; Dec. 12.
Dahlberg, Åke, Fagersta, Sweden, assignor to National Standard Company, Niles, Mich. Manufacture of wire. 2,169,444; Aug. 15.
Dahlberg, Alfred E., Chicago, Ill. Cutting compound. 2,162,297; June 13.
Dahlberg, Amund B. C., Appelviken, Stockholm, Sweden. Manufacturing cement concrete. 2,167,200; July 25.
Dahlberg, Carl F., New Orleans, and J. J. Munson, Houma, La. Cane cleaning device. 2,147,333; Feb. 14.
Dahlberg, Carl F., New Orleans, and J. J. Munson, Houma, La. Cane cleaning device. 2,169,522; Aug. 15.
Dahlberg, Tord O. R., Nockeby, assignor to Kooperativa Forbundet, Forening u. p. a., Stockholm, Sweden. Cash register. 2,148,900; Feb. 28.
Dahlberg, Tord O. R., assignor to Kooperativa Förbundet Forening u. p. a., Stockholm, Sweden. Tens transmitting device for calculating machines and the like. 2,153,299; Apr. 4.
Dahlberg, Tord O. R., assignor to Kooperativa Förbundet, Förening u. p. a., Stockholm, Sweden. Indicator wheel for cash registers and the like. 2,154,495; Apr. 18.
Dahlberg, Tord O. R., Nockeby, assignor to Kooperativa Förbundet, Förening n. p. a., Stockholm, Sweden. Cash register. 2,174,973; Oct. 3.
Dahlen, Ernst J. (See Westlund, K. W., and Dahlen.)
Dahlen, Miles A., and F. Zwilgmeyer, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dye intermediates and preparing them. 2,149,335; Mar. 7.
Dahlen, Miles A., and S. R. Detrick, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of metal-phthalocyanines. 2,153,300; Apr. 4.
Dahlen, Miles A., Wilmington, and M. E. Friedrich, Carney's Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. 1-aryl-5-pyrazolone-3-carboxylic acids. 2,153,615; Apr. 11.
Dahler, August, Bronx, assignor of one-half to P. Band, New York, N. Y. Laundry ironing and pressing machine. 2,162,215; June 13.
Dahlgren, Harold T., assignor to Teletype Corporation, Chicago, Ill. Package. 2,165,539; July 11.
Dahlgren, Klas E. (See Backman, Pete A., assignor.)
Dahlke, Adolph R., Wausau, Wis. Toilet ventilator. 2,181,510; Nov. 28.
Dahlin, Stanley V., Chicago, Ill. Rack for rubber stamps or the like. 2,158,221; May 16.
Dahloff, Oscar. (See Pitar, A., and Dahloff.)
Dahlqvist, Karl E. (See Mattsson, N. S. A., and Dahlqvist.)
Dahlstrom, Allan T., San Leandro, Calif. Sampling device. 2,177,477; Oct. 24.
Dahlström, Ernst R., Alsten, assignor to Aktiebolaget Formator, Stockholm, Sweden. Gripping device in machines for handling tobacco. 2,179,446; Nov. 7.
Dahlstrom, Harry E. (See Olson, J., and Dahlstrom.)
Dahlstrom, Roy. (See Washburn, W. F., Dahlstrom, and McCord.)
Dahlstrom, Roy, Metuchen, N. J., assignor to National Lead Company, New York, N. Y. White titanium dioxide pigment. 2,170,940; Aug. 29.
Dahlström, Ruben, Alsten, and B. Rothelius, assignors to Aktiebolaget Formator, Stockholm, Sweden. Device for disintegrating tobacco leaves. 2,150,493; Mar. 14.
Dahlström, Ruben, Alsten, and B. Rothelius, assignors to Aktiebolaget Formator, Stockholm, Sweden. Device for disintegrating tobacco leaves. 2,152,791; Apr. 4.
Dahman, August H., assignor to C. S. Merrill, Salt Lake City, Utah. Paint striping device. 2,174,567; Oct. 3.
Daiber, Ernst, Berlin-Lichterfelde, Germany, assignor to General Electric Company. Hydraulic gear. 2,144,596; Jan. 17.
Daiber, Ome C., Seattle, Wash. Combination outdoor jacket and pack. 2,165,348; July 11.
Daiger, George P., assignor to The Hoover Company, North Canton, Ohio. Fluid circulation in absorption refrigerators. 2,152,243; Mar. 28.
Daigle, Oscar J., New Orleans, La. Automatic bed light. 2,185,051; Dec. 26.
Dail, Ernest I., assignor to Dail Steel Products Company, Lansing, Mich. Warm air furnace. 2,153,413; Apr. 4.
Dail Steel Products Company. (See Dail, Ernest I., assignor.)
Dailey, Carleton A., Penn Yan, N. Y. Table. 2,162,298; June 13.
Dailey, Clarence O., and P. P. Metz, Seattle, Wash. Spraying machine. 2,153,240; Apr. 4.
Dailey, Clausey L., Meadville, Pa. Well casing. 2,173,037; Sept. 12.
Dailey, William O., Portland, Oreg. Holder for towels and other articles. 2,178,113; Oct. 31.
Daily, James M., assignor to American Ozone Company, Chicago, Ill. Electric ozone generator. 2,159,206; May 23.
Daily, Robert A., Muncie, Ind., assignor to General Motors Corporation, Detroit, Mich. Expander for storage batteries and making the same. 2,178,680; Nov. 7.
Daimler-Benz Aktiengesellschaft. (See Berger, Arthur, assignor.)
Daimler-Benz Aktiengesellschaft. (See Bokemüller, Alfred, assignor.)
Daimler-Benz Aktiengesellschaft. (See Dauben, Joseph, assignor.)
Daimler-Benz Aktiengesellschaft. (See Heess, Albert, assignor.)
Daimler-Benz Aktiengesellschaft. (See Nallinger, Fritz, assignor.)
Daimler-Benz Aktiengesellschaft. (See Schilling, Otto, assignor.)
Daimler-Benz Aktiengesellschaft. (See Schwaiger, Karl, assignor.)
Daimler-Benz Aktiengesellschaft. (See Wagner, Max, assignor.)
Daimler-Benz Aktiengesellschaft. (See Zinner, Karl, assignor.)
Daimler, Karl. (See Sponsel, K., and Daimler.)
Daimler, Karl, and M. Paquin, Frankfort-on-the-Main, and W. Riedelsberger, Bad Soden, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Composition of matter for the preparation of fire extinguishing foam. 2,154,231; Apr. 11.
Daimler, Karl, and M. Paquin, Frankfort-on-the-Main, and W. Riedelsberger, Bad Soden in Taunus, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparing fire-extinguishing foam. 2,165,997; July 11.
Daimler, Karl, and C. Platz, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Esters derived from isocyclic compounds. 2,179,209; Nov. 7.
Dain Manufacturing Company of Iowa. (See Jones, Frank D., assignor.)
Dain Manufacturing Company of Iowa. (See Jones, F. D., and Moschel, assignors.)
Daisley, Robert H., Birmingham, Mich., assignor, by mesne assignments, to Eaton Manufacturing Company, Cleveland, Ohio. Self-locking adjustable tappet. 2,181,965; Dec. 5.
Dake, Charles W., Grand Haven, Mich. Cylinder structure for engines and the like. 2,146,368; Feb. 7.
Dake, Charles W., Grand Haven, Mich. Power generating apparatus. 2,181,120; Nov. 28.
Dake, Charles W., Grand Haven, assignor to Campbell, Wyant and Cannon Foundry Company, Norton Township, Muskegon County, Mich. Hardening ferrous bodies. 2,178,201; Oct. 31.
Daland, Elliot, assignor to E. B. Wilford, Philadelphia, Pa. Gyroplane rotor starter. 2,143,688; Jan. 10.
Daland, Elliot, Philadelphia, and H. A. Backus, Merion, Pa. Rotary wing aircraft. 2,161,801; June 13.
Dalby, Gaston. (See Hoffman, C., Dalby, and Schweitzer.)
Dale, Clarence R., Los Angeles, assignor to Dale Service Corporation, Culver City, Calif. Cement dump bailer. 2,155,785; Apr. 25.
Dale, Frank L., assignor to Mechanical Man, Inc., New York, N. Y. Automaton merchandising device. 2,180,951; Nov. 21.
Dale, Hubert S., Middle River, assignor to The Glenn L. Martin Company, Baltimore, Md. Aircraft furniture. 2,174,622; Oct. 3.
Dale Service Corporation. (See Dale, Clarence R., assignor.)
Dalebrook, Charles M., assignor to Carry-Pack Corporation, Chicago, Ill. Shoe bag. 2,151,465; Mar. 21.
Dalenius, Valter R. A., and J. L. Nyström, Stockholm, Sweden. Machine for slicing salmon. 2,170,425; Aug. 22.
Daley, B. R. (See Kirton, Thomas A., assignor.)
Daley, Dorothy, administratrix. (See Erickson, G. L., and Daley.)
Daley, Eugene G., assignor to Chas. E. Francis Co., Rushville, Ind. Coating machine. 2,176,418; Oct. 17.
Daley, Eugene G., assignor to Chas. E. Francis Co., Rushville, Ind. Glue spreader. 2,176,607; Oct. 17.
Daley, Gustav J., Stockton, Calif., assignor, by mesne assignments, to The Stearns-Roger Manufacturing Company, Denver, Colo. Beet flume control mechanism. 2,165,349; July 11.
Daley, Joseph J., assignor, by mesne assignments, to Research Products Corporation, Boston, Mass. Means and process for the amplification of radiant energy. 2,158,961; May 16.
Daley, Wilbur S. (See Erickson, G. L., and Daley.)
Dalimata, John M., Chester, Mont. Chaff baling attachment for a harvester. 2,158,745; May 16.
Dalimata, John M., Chester, Mont. Furrow basin forming attachment for cultivators. 2,166,042; July 11.
Dalkin, Albert A., Chicago, Ill. Coin and token receiver. 2,177,689; Oct. 31.

Dalkowitz, Godfrey, New York, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Making dry shaver part. 2,144,525; Jan. 17.
Dalkowitz, Godfrey, New York, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Electric motor. 2,183,549; Dec. 19.
Dall, Albert H. (See Ernst, H., and Dall.)
Dall, Albert H., Silverton, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Spindle oscillator. 2,178,850; Nov. 7.
Dall, Albert H., and H. Ernst, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Journal bearing. 2,160,777; May 30.
Dall, Albert H., and H. Ernst, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Bearing. 2,160,778; May 30.
Dall, Albert H., Silverton, and F. S. Haas, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. High speed spindle construction. 2,171,208; Aug. 29.
Dall'Asta, Ernesto, Lima, Peru. Apparatus for lifting or propelling aircraft. 2,183,186; Dec. 12.
Dall, Edward D., North Chicago, Ill., assignor to W. F. Wright, Shaker Heights, Cleveland, Ohio. Lock mechanism. 2,162,702; June 20.
Dall, Edward D., Waukegan, Ill., assignor to W. F. Wright, Shaker Heights, Cleveland, Ohio. Automobile door locking system and mechanism. 2,162,703; June 20.
Dall, Edward D., North Chicago, Ill., assignor to W. F. Wright, Shaker Heights, Cleveland, Ohio. Lock mechanism. 2,162,704; June 20.
Dall, Edward D., Waukegan, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Control mechanism for brake levers and the like. 2,173,357; Sept. 19.
Dällenbach, Walter, Berlin-Charlottenburg, assignor to Julius Pintsch Kommanditgesellschaft, Berlin, Germany. Electronic tube. 2,154,758; Apr. 18.
Dällenbach, Walter, Berlin-Charlottenburg, assignor to Julius Pintsch Kommanditgesellschaft, Berlin, Germany. Thermionic valve. 2,157,952; May 9.
Dällenbach, Walter, Berlin-Charlottenburg, assignor to Julius Pintsch Kommanditgesellschaft, Berlin, Germany. Endless film band reeling apparatus. 2,163,870; June 27.
Dällenbach, Walter, Berlin-Charlottenburg, and A. Allerding, Friedrichshagen, near Berlin, assignors to Julius Pintsch Kommanditgesellschaft, Berlin, Germany. Electron tube. 2,163,589; June 27.
Dällenbach, Walter, Berlin-Charlottenburg, assignor to Julius Pintsch Kommanditgesellschaft, Berlin, Germany. Electron tube. 2,167,201; July 25.
Dällenbach, Walter, Berlin-Charlottenburg, Germany, assignor to N. V. Machinerieen- en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Conductor line for ultra-short electromagnetic waves. 2,178,299; Oct. 31.
Daller, Adrian O., Dennisport, Mass., assignor to Utility Packages, Inc., New York, N. Y. Laminated structure. 2,143,844; Jan. 17.
Daller, Adrian O., Dennisport, Mass., assignor to Utility Packages, Inc. Forming a seam. 2,176,584; Oct. 17.
Dallinger, Wilbur J., Atlantic, Iowa. Paint advertising device. 2,162,065; June 13.
Dallmann, Herbert. (See Dahl, O., and Dallmann.)
Dally, Roy, assignor to Webster Electric Company, Racine, Wis. Pick-up. 2,145,389; Jan. 31.
Dally, Roy, assignor to Webster Electric Company, Racine, Wis. Pickup. 2,160,793; May 30.
Dally, Roy, assignor to Webster Electric Company, Racine, Wis. Phonograph. 2,166,986; July 25.
Dalmas, Amadeus G., assignor of one-half to R. R. Thomasson, Oakland, Calif. Finger piece. 2,177,205; Oct. 24.
Dalmau, Francisco C., Barcelona, Spain. Producing rubber balls. 2,178,528; Oct. 31.
Dalmer, Otto, and J. Niemann, Darmstadt, Germany, assignors to Merck & Co., Inc., Rahway, N. J. Di-halogen substituted α-(P-hydroxyphenyl)-α-amino-acetic acid hydrohalides of the same, and their production. 2,145,249; Jan. 31.
Dalmer, Otto, Darmstadt, and E. Walter, Munich, Germany, assignors to Merck & Co. Inc., Rahway, N. J. Derivatives of pyrazine carboxylic acid and their production. 2,149,279; Mar. 7.
Dalmer, Otto, and F. von Werder, Darmstadt, Germany, assignors to Merck & Co., Inc., Rahway, N. J. N-lower-dialkyl-coumarin-3-carbonylamides and producing them. 2,170,127; Aug. 22.
Dalmer, Otto, and C. Diehl, Darmstadt, and E. Walter, Munich, Germany, assignors to Merck & Co., Inc., Rahway, N. J. Derivatives of pyrazine carboxylic acid and their production. 2,176,063; Oct. 17.
Dalmer, Otto, and C. Diehl, Darmstadt, Germany, assignors to Merck & Co. Inc., Rahway, N. J. Carbocyclic hydroxyl alcohol esters of N-alkyl-piperidine-carboxylic acid. 2,182,791; Dec. 12.
Dalmer, Otto, and C. Diehl, Darmstadt, Germany, assignors to Merck & Co. Inc., Rahway, N. J. Carbocyclic hydroxyl alcohol esters of N-alkyl-piperidine-carboxylic acid. 2,182,792; Dec. 12.
Dälo, John, assignor to A and Z Chain Company, Providence, R. I. Extensible bracelet clasp. 2,150,318; Mar. 14.
Dalotel, Maurice A., Deuil, assignor to S. R. Mathot, Paris, France. Moving picture camera. 2,171,472; Aug. 29.
Dalpayrat, Henri F., New York, N. Y., assignor, by mesne assignments, to Radio Corporation of America. Electronic device. 2,156,650; May 2.
Dalpayrat, Henri F., New York, N. Y., assignor to Radio Corporation of America. Electric discharge device. 2,171,490; Aug. 29.
Dalrae Tools Company. (See MacRae, William L., assignor.)
Dalrymple, Ferdinand H., Bedford, Ohio. Shaft collar. 2,163,315; June 20.
Dalton, E. R., et al. (See Dalton, Frederick C., assignor.)
Dalton, Frederick C., Portland, Oreg. Pump for fuel line clearing and vapor lock removing device. 2,148,929; Feb. 28.
Dalton, Frederick C., Portland, assignor of one-fourth to W. H. Darby, Salem, and one-fourth to E. R. Dalton, Portland, Oreg. Gasoline save and vapor lock remover. 2,161,409; June 6.
Dalton, Frederick C., assignor of one-fourth to W. H. Darby, Salem, and one-fourth to E. R. Dalton, Portland, Oreg. Permanent expander for split-skirt pistons. 2,168,601; Aug. 8.
Dalton, Harold R., Ridgefield. N. J., assignor to Postal Telegraph-Cable Company (New York), New York, N. Y. Adhesive coated tape. 2,156,083; Apr. 25.
Dalton, Harold R., Teaneck, N. J., assignor to Postal Telegraph-Cable Company (New York), New York, N. Y. Adhesive coated paper. 2,167,711; Aug. 1.
Dalton, Harold R., Teaneck, N. J., assignor to Postal Telegraph-Cable Company (New York), New York, N. Y. Adhesive-coated paper. 2,170,654; Aug. 22.
Dalton, Robert F., Mansfield, Ohio. Closed car ventilation. 2,152,538; Mar. 28.
Dalton, Schuyler N., Hungtington Terrace, N. Y., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Container closure and producing the same. 2,161,561; June 6.
Dalton, William, Schenectady, N. Y., assignor to General Electric Company. Liquid-dispensing apparatus. 2,164,172; June 27.
Daly, Anna R., et al. (See Maher, James M., assignor.)
Daly, Arthur J., and W. G. Lowe, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of esters of phosphoric acid. 2,157,164; May 9.
Daly, George F. (See Bryce, J. W., and Daly.)
Daly, George F. (See Bryce, J. W., Daly, and Lowkrantz.)
Daly, George F. (See Fuller, F. L., and Daly.)
Daly, George F., Johnson City, and G. Lowkrantz, Binghamton, assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,150,208; Mar. 14.
Daly, George F., Binghamton, and A. H. Dickinson, Bronxville, assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Record controlled machine with improved serial number controls. 2,168,763; Aug. 8.
Daly, Irene M., New York, N. Y. Attachment for books. 2,166,802; July 18.
Daly, Joseph P., assignor to American Machine and Metals, Inc., New York, N. Y. Actuating mechanism for a press. 2,145,294; Jan. 31.
Daly, Raymond E., J. F. Walsh, and H. C. Needle, Chicago, Ill., assignors to American Maize-Products Company. Fermentation process of making white calcium lactate. 2,143,359; Jan. 10.
Daly, Robert E., New York, and B. Goerg, Bronxville, assignors, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Humidifying apparatus. 2,184,094; Dec. 19.
Daly, Robert E., Bronxville, and B. Goerg, Scarsdale, assignors, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Heating and air conditioning apparatus. 2,184,095; Dec. 19.
Dalzell, Charles B., and R. J. Neely, Little Falls, N. Y., assignors to Cherry-Burrell Corporation, Chicago, Ill. Agitator drive means for liquid containers. 2,144,715; Jan. 24.
Dalzell, Clifton H., Paris, Ky. Seed sacker. 2,170,710; Aug. 22.
Dalziel, Ira B., Woodside, Calif. Mouth bit. 2,172,501; Sept. 12.
Daman, Arthur C., Denver, Colo., assignor, by mesne assignments, to Mining Process and Patent Company. Apparatus for conditioning and agitating pulps. 2,146,566; Feb. 7.
Daman, Arthur C., Denver, Colo., assignor, by mesne assignments, to Mining Process and Patent Company. Classification. 2,174,553; Oct. 3.
D'Amato, Emile R., assignor to A. S. Aloe Co., St. Louis, Mo. Bone saw. 2,179,250; Nov. 7.
Dame, Charles V., Lanark, Ill. Electric socket. 2,146,011; Feb. 7.
Dame, Charles V., Lanark, Ill. Circuit breaker. 2,164,388; July 4.
Dame, Charles V., Lanark, Ill. Electric receptacle. 2,180,197; Nov. 14.
Damerell, Vivian R. (See Cooper, H. S., and Damerell.)
Dames, Albert C., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Apparatus for heat treating. 2,179,073; Nov. 7.

Damitz, Walter, Berlin-Siemensstadt, Germany, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt. Vapor electric device. 2,154,264; Apr. 11.
Damkroger, Harold A., assignor to General Metalware Company, Minneapolis, Minn. Funnel construction. 2,168,395; Aug. 8.
Dammann, Karl, Berlin, Germany. Applying tar or bitumen to road surfaces. 2,145,158; Jan. 24.
Damon, Isaac F., Belmont, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Shoe and making same. 2,145,713; Jan. 31.
Damon, James, Middletown, N. Y. Baking mold. 2,167,038; July 25.
Damon, James, Middletown, N. Y. Poached egg cup. 2,177,206; Oct. 24.
Damond, Emile, Paris, France. Apparatus for the automatic unclogging of hoppers. 2,174,348; Sept. 26.
Damrow Brothers Company. (See Damrow, Edward C., assignor.)
Damrow Brothers Company. (See Peters, Norman J., assignor.)
Damrow, Edward C., Fond du Lac, Wis. Conveyer for cans and can covers. 2,152,244; Mar. 28.
Damrow, Edward C., assignor to Damrow Brothers Company, Fond du Lac, Wis. Filtering apparatus. 2,149,956; Mar. 7.
Damsleth, Olaf, assignor to Kaldnes Mek. Verksted A/S, Tonsberg, Norway. Arrangement of main boilers for steamships. 2,184,711; Dec. 26.
Dana, Arnold G., New Haven, Conn. Manicure accessory. 2,179,922; Nov. 14.
Dana, Leo I., and O. A. Hansen, Buffalo, N. Y., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Method and apparatus for handling gas material. 2,148,109; Feb. 21.
Danbury-Knudsen, Incorporated. (See Knudsen, Knud, assignor.)
Danciger Oil & Refineries, Inc. (See Isham, R. M., and Ryan, assignors.)
Danel, Pierre F., assignor to Ateliers Neyret-Beylier & Piccard-Pictet, Grenoble, France. Automatic gate. 2,160,959; June 6.
Danel, Pierre F., Grenoble, France, assignor to Ateliers Neyret-Beylier & Piccard-Pictet. Apparatus for controlling liquid levels. 2,168,117; Aug. 1.
Danel, Pierre F., assignor to Ateliers Neyret-Beylier & Piccard-Pictet, Grenoble, France. Device for ensuring the automatic regulation of the delivery of hydraulic mains. 2,172,865; Sept. 12.
Daneman, Alfred S., Dayton, Ohio. Applying an aircraft covering. 2,155,931; Apr. 25.
Dangelmajer, Charles. (See Meigs, F. M., and Dangelmajer.)
Dangelmajer, Charles, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic and printing media. 2,184,288; Dec. 26.
Dangelmajer, Charles, Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic and printing media. 2,184,289; Dec. 26.
D'Angelo, Joseph, Roslindale, Mass. Pencil holder. 2,171,915; Sept. 5.
Daniel, Allan P., and C. S. Ramsey, Springfield, Ohio. Ball mill. 2,144,145; Jan. 17.
Daniel, Karl, Cologne-Sulz, Germany. Sound record carrier. 2,183,117; Dec. 12.
Daniel, Karl, Cologne-Sulz, assignor to Tefi-Apparatebau Dr. Daniel K.-G., Cologne, Germany. Sound recording and reproducing apparatus. 2,168,792; Aug. 8.
Daniel, Leslie H., assignor to The British Electrical and Allied Industries Research Association, London, England. Arrangement for suppressing high frequency interference. 2,165,886; July 11.
Daniel, Walter. (See Mueller-Cunradi, M., and Daniel.)
Daniel, Walter. (See Mueller-Cunradi, M., Otto, Daniel, and Werner.)
Daniels, Amy J., Palmer, Mass. Hospital equipment. 2,174,870; Oct. 3.
Daniels, Arthur W., Chicago, Ill., assignor to Daniels-Murtaugh Company, Cedar Rapids, Iowa. Dipper. 2,180,348; Nov. 21.
Daniels, Charles E., Atchison, Kans. Lubricating device. 2,178,932; Nov. 7.
Daniels, Charles E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Induction heated pipe. 2,178,720; Nov. 7.
Daniels, Charles E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Heating pipe fixture. 2,178,721; Nov. 7.
Daniels, Claude H., Greenwich, Conn. Producing stiffened yarn and fabric. 2,156,491; May 2.
Daniels, Claude H., Wellesley Hills, Mass. Shoe vamp. 2,165,092; July 4.
Daniels, Gordon E., Los Angeles, Calif. Dirt scraper. 2,172,672; Sept. 12.
Daniels, Harold C. (See Shoemaker, R. W., and Daniels.)
Daniels, Harold C., Woodbury, assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Tubular electric grounding rod. 2,147,828; Feb. 21.
Daniels, Harold C., Woodbury, assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Driving tool for tubular grounding rods. 2,147,829; Feb. 21.
Daniels, Joseph S., assignor to Daniels Manufacturing Company, Rhinelander, Wis. Inking mechanism. 2,178,070; Oct. 31.
Daniels Manufacturing Company. (See Daniels, Joseph S., assignor.)
Daniels-Murtaugh Company. (See Daniels, Arthur W., assignor.)
Daniels, Ransom. (See Goodwin, C. W., and Daniels.)
Daniels, William C. (See White, R., and Daniels.)
Danielson, Ernest G. (See Hall, D. R., and Danielson.)
Danielson, Ernest G., assignor to Remler Company Ltd., San Francisco, Calif. Telephone transmitter. 2,159,628; May 23.
Danielson, John C., St. Petersburg, Fla. Mower. 2,143,057; Jan. 10.
Danielson Mfg. Company, The. (See Chadbourne, J. H., and Burdick, assignors.)
Danielsson, Erik. (See Skaraas, B., and Danielsson.)
Danielsson, Paul, Pitea, assignor to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden. Method of and machine for eviscerating fish. 2,169,791; Aug. 15.
Danielsson, Yngve A. F., assignor to Aktiebolaget Westerlin & Co., Goteborg, Sweden. Sheet feeding apparatus. 2,157,849; May 9.
Danko, Michael, Millfield, Ohio. Fishing rod holder. 2,184,583; Dec. 26.
Danley, Rhett G., Lawrenceburg, Tenn. Plumb bob windshield. 2,184,505; Dec. 26.
Danly, George I., Elmhurst, assignor to Danly Machine Specialties, Inc., Chicago, Ill. Bolt. 2,147,013; Feb. 14.
Danly Machine Specialties, Inc. (See Danly, George I., assignor.)
Dann, Paul N., assignor to The Rattan Manufacturing Company, New Haven, Conn. Entrance cap. 2,148,059; Feb. 21.
Dannecker, Harry A., Newcastle, Ind. Dressing fixture for grinding wheels. 2,146,466; Feb. 7.
Dannehl, Kurt. (See Kotowski, P., and Dannehl.)
Dannenberg, Hans, Dessau in Anhalt, and P. Saffert, Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Reel for continuously winding threads. 2,153,685; Apr. 11.
Danner, Charles E. (See Barker, M. E., and Danner.)
Dannöhl, Walter, and H. Neumann, Berlin-Siemensstadt, assignors to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Permanent magnet of copper-cobalt-nickel alloy. 2,170,047; Aug. 22.
D'Annunzio, Ugo, V., New York, N. Y. Apparatus for purifying air. 2,150,027; Mar. 7.
Dansard, Félix, Saint-Chamond, France. Extensible electrical conductor cord or ribbon. 2,143,649; Jan. 10.
Danuser, Caflisch, Zurich, and F. Danuser, Kreuzlingen, Switzerland. Apparatus for controlling the temperature of fluids. 2,159,257; May 23.
Danuser, Felix. (See Danuser, Cafiisch and F.)
"Danuvia" Ipari és Kereskedelmi R. T. (See Gebauer, Ferenc, assignor.)
"Danuvia" Ipari és Kereskedelmi, R. T. (See Murbach, Emil, assignor.)
Danz, Harry O. (See Pfeffer, H. W., and Danz.)
Danziger, Harold I. (See Knab, M., and Danziger.)
Darash, Nicholas P., assignor to The Warner & Swasey Company, Cleveland, Ohio. Tool holder. 2,154,496; Apr. 18.
Darby, Ernest R., assignor to Federal-Mogul Corporation, Detroit, Mich. Spark plug. 2,146,722; Feb. 14.
Darby, Ernest R., assignor to Federal-Mogul Corporation, Detroit, Mich. Copper alloy. 2,148,151; Feb. 21.
Darby, Ernest R., L. A. Barera, and P. J. Potter, assignors to Federal-Mogul Corporation, Detroit, Mich. Bearing alloy. 2,157,121; May 9.
Darby, George M., Westport, Conn., assignor to The Dorr Company, Inc., New York, N. Y. Combined flocculation and sedimentation apparatus. Re. 20,971; Jan. 10.
Darby, George M., and W. C. Weber, Westport, Conn., and A. J. Fischer, Jackson Heights, assignors to The Dorr Company, Inc., New York, N. Y. Flocculation. 2,143,750; Jan. 10.
Darby, J. F. (See Porter, Albert N., assignor.)
Darby, W. H., et al. (See Dalton, Frederick C., assignor.)
Darco Corporation. (See McCullough, Verner A., assignor.)
Darco Corporation. (See Twining, Ralph H., assignor.)
Dardani, Edward V., Southport, Conn. Speedometer for motor vehicles. 2,156,084; Apr. 25.
Dardani, Edward V., Southport, Conn. Speedometer. 2,156,085; Apr. 25.
Dardel, Aimé J., Moncey, Doubs, France. Airship and sustaining the same. 2,180,036; Nov. 14.
Dardelet Threadlock Corporation. (See Cram, Harkness W., assignor.)
Darimont, Léopold, Anderlecht-Brussels, Belgium. Screen for cinematographic projections. 2,143,303; Jan. 10.
Darley, Lulah. (See Pennington, Stephen G., assignor.)
Darley, William G., Cleveland Heights, Ohio, assignor to General Electric Company. Lamp socket. 2,153,366; Apr. 4.
Darling & Company. (See Lowry, Thomas K., assignor.)
Darling, Frank L. (See McManus, C. E., and Darling.)
Darling, Frank L., New York, N. Y. Hydraulic brake holding apparatus. 2,148,190; Feb. 21.

Darling, Frank L., Teaneck, N. J. Carburetor. 2,174,935; Oct. 3.
Darling, Frank L., Teaneck, N. J., assignor, by mesne assignments, to Crown Can Company, Philadelphia, Pa. Assembling machine. 2,175,744; Oct. 10.
Darling, Frank L., Teaneck, N. J., assignor, by mesne assignments, to Crown Can Company, Philadelphia, Pa. Apparatus for applying uniting material to can closures. 2,175,745; Oct. 10.
Darling, Frank L., Teaneck, N. J., assignor, by mesne assignments, to Crown Can Company, Philadelphia, Pa. Apparatus for forming can bodies. 2,175,746; Oct. 10.
Darling, Frank L., Paterson, N. J., assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Sealing machine. 2,153,039; Apr. 4.
Darling Valve and Manufacturing Company. (See Kiesel, John S., assignor.)
Darlington, George W., San Pedro, Calif. Sealed can with attached opener. 2,162,801; June 20.
Darlington, Sidney, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Attenuation equalizer. 2,153,743; Apr. 11.
Darlington, Thomas J., Winston-Salem, N. C. Clothesline. 2,144,963; Jan. 24.
Darms, Lawrence J. (See McElwee, Albert E., assignor.)
Darmstaetter, Armin A., Detroit, Mich. Band brake. 2,146,287; Feb. 7.
Darnell, Paul S., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Inductive device. 2,149,336; Mar. 7.
Darnell, Paul S., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Adjustable inductance. 2,154,232; Apr. 11.
Darnell, Rex C., Detroit, assignor, by mesne assignments, to King-Seeley Corporation, Ann Arbor, Mich. Air cleaner. 2,159,551; May 23.
Da Rold, Duilio, Milan, Italy, assignor to H. H. Heer, Zurich, Switzerland. Container. 2,152,400; Mar. 28.
Darragh, Elizabeth H. (See Darragh, John K., assignor.)
Darragh, John K., assignor to E. H. Darragh, Astoria, N. Y. Display box. 2,159,887; May 23.
Darrah, William A., Chicago, Ill. Treating metal. 2,184,972; Dec. 26.
Darrieus, Georges, assignor to Compagnie Electro-Mecanique, Paris, France. Preventing deterioration of turbo-machines. 2,149,510; Mar. 7.
Darrow, Burgess, Akron, Ohio. Safety tube. 2,168,514; Aug. 8.
Darrow, George A., Los Angeles, Calif. Producing a bacon rind food product. 2,179,616; Nov. 14.
Dart, Edward W., Lutherville, assignor to The Glenn L. Martin Company, Baltimore, Md. Spar chord. 2,165,458; July 11.
Dartmouth College, trustees of. (See Ames, Adelbert, Jr., assignor.)
Dartmouth College, Trustees of. (See Ogle, Kenneth N., assignor.)
Dartmouth Co-Operative Society, Inc. (See Keller, Ernst R., assignor.)
Darvie, Bernard, New York, N. Y. Ornamental indicator. 2,177,978; Oct. 31.
Darvie, Bernard, I., and S., New York, N. Y. Interchangeable attachment. 2,169,461; Aug. 15.
Darvie, Irving. (See Darvie, Bernard, I., and S.)
Darvie, Samuel. (See Darvie, Bernard, I., and S.)
Darwin, Clifford, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Reserve shuttle control for shuttle-changing looms. 2,171,685; Sept. 5.
Dasenbrook, Charles H., assignor to Thayer Action Company, Rockford, Ill. Piano action. 2,166,396; July 18.
Dasher, Don E., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,146,796; Feb. 14.
Dasher, Don E., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,146,797; Feb. 14.
Dasher, Don E., assignor, to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,174,623; Oct. 3.
Dashkin, Sol, Brooklyn, N. Y. Stereopticon slide. 2,154,890; Apr. 18.
Daub, Rudolph, Paterson, N. J., assignor to Wright Aeronautical Corporation. Radial engine valve gear. 2,183,011; Dec. 12.
Dauben, Joseph, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Chassis of motor-driven vehicles. 2,165,033; July 4.
Dauber Charles D. (See Vail, D. H., and Dauber.)
Daubmeyer, Dewey C., Detroit, Mich. Printing machine. 2,157,980; May 9.
Daudelin, Jean B., and E. E. Talbot, Fall River, Mass. Loom shuttle. 2,182,144; Dec. 5.
Daudt, Herbert W. (See Holt, L. C., and Daudt.)
Daudt, Herbert W., assignor to Kinetic Chemicals, Incorporated, Wilmington, Del. Refrigeration processes and compositions. 2,146,884; Feb. 14.
Daudt, Herbert W., and C. W. Hannum, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Disubstituted guanidine salts of metalliferous azo dyes. 2,165,034; July 4.
Daughaday, Freeman, Company. (See Salisbury, Le Roy J., assignor.)
Daugherty, Louis E., Jr., St. Paul, Minn. Closure device for containers. 2,156,111; Apr. 25.
Daugherty, Samuel W., Greencastle, Pa. Pavement joint cleaning. 2,185,052; Dec. 26.
Daumann, Carl W., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. X-ray apparatus. 2,149,164; Feb. 28.
Daumas, Carl V. (See Schorn, H., and Daumas.)
Dausch, Erwin, assignor to Maybach-Motorenbau Gesellschaft mit beschrankter Haftung, Friedrichshafen-on-the-Bodensee, Germany. Control device for change-speed gears. 2,168,667; Aug. 8.
Da Valle, Conrad, Oakland, Calif. Automatic hose coupler. 2,148,901; Feb. 27.
Daven Company, The. (See Smith, John P., Jr., assignor.)
Davenport, Franklyn E., Watertown, N. Y., assignor to Knowlton Brothers. Joint sealing strip. 2,181,530; Nov. 28.
Davenport, Granger. (See Zimmermann, W. F., and Davenport.)
Davenport, Howard W., Minden, La. Apparatus for heating gas. 2,181,654; Nov. 28.
Davenport, James E., New York, N. Y., assignor to The New York Central Railroad Company. Locomotive sanding apparatus. 2,162,423; June 13.
Davenport, Louis D., assignor of one-half to O. Sanders, Ava, Mo. Bone saw. 2,146,202; Feb. 7.
Davenport Machine & Tool Co. (See Brinkman, Earl W., assignor.)
Davenport Machine Tool Co. (See Davenport, William S., assignor.)
Davenport, Margaret M., Los Angeles, Calif. Bag. 2,164,641; July 4.
Davenport, R. B., Jr. (See Henderson, Krieger W., assignor.)
Davenport, Willard M., Odessa, Tex. Tube cutting tool. 2,181,450; Nov. 28.
Davenport, William S., assignor to Davenport Machine Tool Co., Inc., Rochester, N. Y. Clutch mechanism. 2,169,089; Aug. 8.
Davey, Cecil F., Los Angeles, Calif. Compound jack. 2,151,421; Mar. 21.
Davey, Cecil F., Los Angeles, Calif. Trailer for motor vehicles. 2,168,062; Aug. 1.
Davey, Edward P. (See Carroll, B. H., and Davey.)
Davey, George W., Worcester, Mass. Furnace wall structure. 2,174,871; Oct. 3.
Davey, James R., Kew Gardens, N. Y., and J. L. Hysko, Ridgewood, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Reduction of distortion in signal transmission systems. 2,182,841; Dec. 12.
Davey, John E., assignor to Rose Gringer, New York, N. Y. Saw handle and blade. 2,149,241; Feb. 28.
David, Arthur. (See Chase, Clyde H., assignor.)
David, John, deceased, New York, N. Y., V. B. David, G. Frankenthaler, Irving Trust Company, and R. D. Abrahams, executors, assignors to V. B. David. Shirt. 2,166,342; July 18.
David, Karoly G. (See Laqueur, E., David, Dingemanse, and Freud.)
David, Vera B., executor, et al. (See David, John.)
Davids, Hans, Beloit, Wis., assignor to Fairbanks, Morse Co., Chicago, Ill. Internal combustion engine. 2,167,745; Aug. 1.
Davids, Robert B., Baltimore, Md. Combined tooth brush and masseur. 2,160,835; June 6.
Davids, Robert B., Baltimore, Md. Combined tooth brush and masseur. 2,160,836; June 6.
Davidson, Alexander B., Greensville, Ontario, Canada. Insulator for handled vessels. 2,154,667; Apr. 18.
Davidson, Andrew J., Jr., Detroit, Mich. Injector nozzle. 2,168,668; Aug. 8.
Davidson, Arthur C., Chicago, Ill. Shock absorber. 2,158,535; May 16.
Davidson, Arthur C., Canton, Conn. Method of and apparatus for centrifugally casting metals. 2,178,163; Oct. 31.
Davidson, Bruce J., Kew Gardens, assignor to National Biscuit Company, New York, N. Y. Carton. 2,146,420; Feb. 7.
Davidson, Bruce J., assignor to National Biscuit Company, New York, N. Y. Shipping case and display stand. 2,146,421; Feb. 7.
Davidson Equipment Corporation. (See Davidson, William W., assignor.)
Davidson, Ernest R., Quincy, Mass. Multiple garment rack. 2,178,779; Nov. 7.
Davidson, Glenn. (See Laucks, I. F., and Davidson.)
Davidson, Glenn, Aurora, Ill. Production of tobacco articles. Re. 20,991; Jan. 31.
Davidson, Glenn, Aurora, Ill. Production of tobacco articles. Re. 21,007; Feb. 21.
Davidson, Glenn, Aurora, Ill. Method and apparatus for making cigarette mouthpieces. 2,164,702; July 4.
Davidson, Glenn, Aurora, Ill. Cigarette mouthpiece. 2,168,474; Aug. 8.
Davidson, Harold B., Louisville, Ky. Pumping system. 2,146,798; Feb. 14.
Davidson, Isaac F., Portland, Oreg. Tractor and means for guiding same. 2,171,846; Sept. 5.
Davidson, James R., Rodessa, La. Oil saver. 2,144,403; Jan. 17.
Davidson, John T., assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine Re. 21,051; Apr. 18.

Davidson, Joseph G., Scarsdale, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Photographic film base. 2,157,384; May 9.
Davidson, Joseph G., Scarsdale, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Branched chain octyl sulphates. 2,161,857; June 13.
Davidson, Khoren K., Elgin, Ill. Sanitary tooth brush holder and dentifrice dispenser. 2,184,212; Dec. 19.
Davidson, Paul B., Wilkinsburg, Pa., and J. R. Adams, assignors to Old Colony Envelope Company, Westfield, Mass. Adhesive. 2,159,613; May 23.
Davidson, Robert L. (See Cole, G. H., and Davidson.)
Davidson, Voris, assignor of one-half to G. P. Buzan, Lyons, Ind. Dipper door control. 2,160,432; May 30.
Davidson, William D., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Draw works having dual drive. 2,170,365; Aug. 22.
Davidson, William D., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Rotary machine and bushing therefor. 2,182,793; Dec. 12.
Davidson, William D., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Rotary machine. 2,183,012; Dec. 12.
Davidson, William D., and G. Tremolada, assignors to Emsco Derrick and Equipment Company, Los Angeles, Calif. Control for four-speed portable drilling machines. 2,165,350; July 11.
Davidson, William W., Evanston, assignor to Davidson Equipment Corporation, Chicago, Ill. Machine for separating and feeding blanks. 2,175,167; Oct. 10.
Davies, Archibald D., Pittsburgh, Pa. Cinder pot. 2,152,245; Mar. 28.
Davies, Archibald D., Pittsburgh, Pa. Cinder pot. 2,157,748; May 9.
Davies, Charles H., Philadelphia, Pa. Ankle joint structure for artificial limbs. 2,152,402; Mar. 28.
Davies, Charles H., Philadelphia, Pa. Artificial limb. 2,152,401; Mar. 28.
Davies, Clarence J. (See Mitchell, A. S., and Davies.)
Davies, Clarence J., Detroit, Mich. Harmonica. 2,179,993; Nov. 14.
Davies, David A. (See Hanson, Edward, assignor.)
Davies, Harrison H., The Plains, Ohio. Curtain support. 2,159,425; May 23.
Davies, James O., et al. (See Doyle, Percy A., assignor.)
Davies, John S. H., and M. Wyler, Manchester, and P. A. Barrett and R. P. Linstead, London, England, assignors to Imperial Chemical Industries Limited. Compounds of the phthalocyanine series. 2,155,038; Apr. 18.
Davies, John S. H., and W. O. Jones, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. 4,-5-dichloro phthalonitrile and making it. 2,174,568; Oct. 3.
Davies, Joseph W., East Liverpool, Ohio. Decorating ceramic ware. 2,148,340; Feb. 21.
Davies, Leonard J., Rugby, England, assignor to General Electric Company. Electric discharge device. 2,177,690; Oct. 31.
Davies, Lynn E., Park Ridge, assignor to White Cap Company, Chicago, Ill. Packaging apparatus. 2,158,675; May 16.
Davies, Lynn E., Park Ridge, assignor to White Cap Company, Chicago, Ill. Apparatus for feeding and applying closure caps. 2,169,973; Aug. 15.
Davies, Lynn E., Park Ridge, assignor to White Cap Company, Chicago, Ill. Apparatus for delivering can heads. 2,173,602; Sept. 19.
Davies, Richard L., assignor to Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Making sodium aluminate. 2,159,843; May 23.
Davies, Stanley B., assignor to Royer Foundary and Machine Co., Kingston, Pa. Sand elevating and treating apparatus. 2,164,799; July 4.
Davies, Stanley B., assignor to Royer Foundry and Machine Co., Kingston, Pa. Apparatus for treating and blending molder's sand. 2,168,515; Aug. 8.
Davies, Stanley B., assignor to Royer Foundry and Machine Co., Kingston, Pa. Sand conditioning apparatus. 2,182,284; Dec. 5.
Davio, Silvio, Springfield, Mass. Bed lamp. 2,158,408; May 16.
Davis, Adam C., Jr. (See Baird, B. O., Bowen, and Davis.)
Davis, Adam C., Jr., Ithaca, assignor to Gates-Mills Inc., Johnstown, N. Y. Hand measuring instrument. 2,146,799; Feb. 14.
Davis, Albert A., Alliance, assignor of one-half to C. E. Beltz, Limaville, Ohio. Radial draft milling apparatus. 2,161,505; June 6.
Davis, Alfred H., deceased, by F. H. Davis, St. Petersburg, Fla., administratrix. Nonrefillable bottle stopper. 2,173,098; Sept. 19.
Davis, Arthur B., Springfield, assignor to Ideal Roller & Manufacturing Company, Chicago, Ill. Grooving inking rolls. 2,150,155; Mar. 14.
Davis, Arthur P., New York, and G. Agins, assignors to Arma Engineering Co., Inc., Brooklyn, N. Y. Speed control system. 2,148,731; Feb. 28.
Davis, Augustine, Jr., Cincinnati, Ohio. Construction element. 2,182,015; Dec. 5.
Davis, Austin E., Brooklyn, N. Y. Stamp-mutilating device. 2,175,284; Oct. 10.
Davis, Benjamin S., Newport News, Va. Tablet. 2,155,117; Apr. 18.
Davis, Bernard E., Brooklyn, N. Y. Safety razor. 2,145,920; Feb. 7.
Davis, Bret H., Ollie, Iowa. Valve grinding tool. 2,179,714; Nov. 14.
Davis, Charles, Neuilly-sur-Seine, France. Apparatus for forming extrusion containers. 2,183,304; Dec. 12.
Davis, Charles W., Pittsburgh, Pa., assignor to Chicago Development Company, Chicago, Ill. Demagnetization. 2,154,399; Apr. 11.
Davis, Chris R. (See Michaelson, G. C., and Davis.)
Davis, Clarence D., Chicago, Ill. Internal combustion engine. 2,166,464; July 18.
Davis, Clarke F., Short Hills, N. J., assignor by mesne assignments, to American Cyanamid & Chemical Corporation. Building unit and construction. 2,142,305; Jan. 3.
Davis, Clarke F., Short Hills, N. J., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Metal decking. 2,180,317; Nov. 14.
Davis, Clifford R., assignor to Duncan Coffee Company, Houston, Tex. Work table. 2,143,826; Jan. 10.
Davis, Clyde O., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Inorganic nitrate explosive. 2,168,562; Aug. 8.
Davis, Clyde O., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Nitrostarch explosive. 2,168.563; Aug. 8.
Davis, Clyde W. (See Britton, E. C., and Davis.)
Davis, Clyde W. (See Britton, E. C., Davis, and Taylor.)
Davis, Clyde W. (See Britton, E. C., Marshall, and Davis.)
Davis, Cortland W., Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Resilient connector and support for frangible bodies. 2,153,533; Apr. 11.
Davis, Dean W., Chicago, Ill. Solenoid. 2,156,937; May 2.
Davis, E. K. (See Becker, John H., assignor.)
Davis, Edward D. (See Byrnes, E. P., and Davis.)
Davis, Edward D., assignor to The Boye Needle Company, Chicago, Ill. Garment stretcher. 2,150,713; Mar. 14.
Davis, Edward D., assignor to The Boye Needle Company, Chicago, Ill. Photographic method and apparatus. 2,178,933; Nov. 7.
Davis, Ellery L., Lincoln, Nebr. Oscillating sprinkler. 2,181,227; Nov. 28.
Davis, Ellwood L., Oakland, Calif. Windshield wiper casing clamp. 2,162,002; June 13.
Davis, Elmer M., assignor to Industrial Patents Corporation, Chicago, Ill. Deodorizing milk and cream. 2,182,335; Dec. 5.
Davis, Elwood T., Brookline, assignor to Leeds & Northrup Company, Philadelphia, Pa. Electrical measuring system. 2,155,346; Apr. 18.
Davis, Elwood T., Upper Darby, and F. Wunsch, assignors to Leeds & Northrup Company, Philadelphia, Pa. Electrical measuring system. 2,154,065; Apr. 11.
Davis, Emery E., Glendale, Calif., assignor to O. H. Siewek, Ferndale, Mich. Chuck. 2,177,979; Oct. 31.
Davis, Ernest W., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,147,830; Feb. 21.
Davis, Ernest W., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,168,396; Aug. 8.
Davis, Ernest W., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,172,136; Sept. 5.
Davis, Ernest W., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,175,881; Oct. 10.
Davis, Ernest W., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,177,057; Oct. 24.
Davis, Ernest W., Oak Park, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,183,013; Dec. 12.
Davis, Florence H., administratrix. (See Davis, Alfred H.)
Davis, Ford C., Hartville, Ohio. Apparatus for washing root vegetables. 2,156,840; May 2.
Davis, Frank J., assignor to A. J. Moldenhauer, Chicago, Ill. Bottle closure. 2,148,440; Feb. 28.
Davis, Frank L., College Point, N. Y. Fastening means. 2,181,103; Nov. 21.
Davis, Frank M., Jr., et al. (See Spikes, Robert L., assignor.)
Davis, Frederick R. J., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Rectangular bell-type furnace hood. 2,175,829; Oct. 10.
Davis, Freeman H., Placentia, assignor of one-half to S. S. McNair, Arcadia, Calif. Brake. 2,181,988; Dec. 5.
Davis, Garland H. B. (See Wasson, J. I., and Davis.)
Davis & Geck, Inc. (See Didusch, William P., assignor.)
Davis & Geck, Inc. (See Rogers, Allen, assignor.)
Davis, George C., assignor to Davis Regulator Company, Chicago, Ill. Float box. 2,182,469; Dec. 5.
Davis, George L., Binghamton, and L. W. Moulton, Syracuse, assignors to Nineteen Hundred Corporation, Binghamton, N. Y. Wringer. 2,179,715; Nov. 14.
Davis, Grace P. (See Davis, Lewis K., assignor.)
Davis, Harold G., Denver, Colo. Hose valve. 2,149,584; Mar. 7.

Davis, Harold G., Denver, Colo. Coffee maker. 2,152,792; Apr. 4.
Davis, Harold G., Denver, Colo. Air and water service station. 2,157,887; May 9.
Davis, Harold G., assignor to Foote Gear Works, Inc., Chicago, Ill. Variable speed transmission. 2,175,830; Oct. 10.
Davis, Harold S., and A. W. Francis, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Manufacture of esters. 2,169,227; Aug. 15.
Davis, Harry, assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Reversing clutch for printing presses. 2,150,672; Mar. 14.
Davis, Harry C., Brighton, Mass. Varicolored light. 2,146,422; Feb. 7.
Davis, Henry, Earlwood, New South Wales, Australia. Closure and locking means for kit bags, cash bags, and the like. 2,166,860; July 18.
Davis, Herschel S., Little Rock, Ark. Footwear. 2,169,337; Aug. 15.
Davis, Horace W., assignor to Eaton Paper Corporation, Pittsfield, Mass. Correspondence package. 2,147,428; Feb. 14.
Davis, Howard C., Elizabeth, N. J. Deposition. 2,155,932; Apr. 25.
Davis, Howard C., Elizabeth, N. J. Deposition. 2,181,177; Nov. 28.
Davis, James A. (See Livingston, Callard, assignor.)
Davis, James H. (See Lemming, J. C., and Davis.)
Davis, James H., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Making porous metal elements. 2,157,596; May 9.
Davis, Jay U., Maquon, Ill. Squaring and beveling tool. 2,183,446; Dec. 12.
Davis, Jerome, West Haven, Conn., assignor of one-half to N. L. Foster, Montclair, N. J. Jumping toy. 2,153,957; Apr. 11.
Davis, John B., Dallas, Tex. Well pump. 2,174,123; Sept. 26.
Davis, John F. A., Hamilton, Mass. Coated abrasive. 2,156,492; May 2.
Davis, John F. A., Hamilton, Mass. Abrasive article. 2,164,800; July 4.
Davis, John L., Mobile, Ala. Adjustable lawn mower sharpener. 2,159,552; May 23.
Davis, John O., and F. M. Martin, assignors to Miller-Davis Co., Minneapolis, Minn. Loose leaf binder. 2,153,661; Apr. 11.
Davis, John W., and R. G. Houston, Wilson, Okla. Air eliminator. 2,150,714; Mar. 14.
Davis, Kenneth, Punxsutawney, Pa., assignor, by mesne assignments, to R. Peale, M. F. Locke, and W. B. Oaks, trustees. Process and mechanism for dividing intermixed materials. Re. 21,136; July 4.
Davis, Kenneth A. (See Brelsford, William E., assignor.)
Davis, Kingsbury H., Closter, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission control in signaling systems. 2,170,941; Aug. 29.
Davis, Leon N. (See Miller, M., and Davis.)
Davis, Lewis, Worcester, assignor to McLaurin-Jones Co., Brookfield, Mass. Adhesive. 2,162,194; June 13.
Davis, Lewis K., assignor to G. P. Davis, Hampton, N. J. Impact press. 2,145,714; Jan. 31.
Davis, Lincoln K., Brockton, Mass. Fuel consumption indicator. 2,165,839; July 11.
Davis, Lincoln K., Brockton, Mass. Movement-producing device. 2,166,238; July 18.
Davis, Lincoln K., Brockton, Mass. Movement-producing device. 2,166,239; July 18.
Davis, Lindsey, Smith & Shonts. (See Schantz, Edwin M., assignor.)
Davis, Loyd K., Grand Canyon, Ariz. Steering mechanism. 2,146,467; Feb. 7.
Davis, Marshal E., Bloomfield, Ind. Fountain pump. 2,163,194; June 20.
Davis, Max W. (See Lima, Henry C., assignor.)
Davis, Myron L., Indianapolis, Ind. Finger signal. 2,179,777; Nov. 14.
Davis Regulator Company. (See Davis, George C., assignor.)
Davis, Reuben F. (See Penick, Arthur J. and K. T., and Davis.)
Davis, Richard E., et al. (See Chaplin, Hershel W., assignor.)
Davis, Richard W., Miami, Fla. Carpet golf course. 2,176,622; Oct. 17.
Davis, Robert A. (See Brooks, H., and Davis.)
Davis, Robert A., Chicago, Ill., assignor to The Smyth Manufacturing Company, Hartford, Conn. Creasing the joints of books. 2,151,957; Mar. 28.
Davis, Robert E., Fort Payne, Ala. Shorts. 2,172,866; Sept. 12.
Davis, Robert E., Fort Payne, Ala. Stocking. 2,176,810; Oct. 17.
Davis, Robert E., assignor to W. B. Davis & Son, Inc., Fort Payne, Ala. Stocking. 2,144,563; Jan. 17.
Davis, Robert E., Jr., assignor to W. B. Davis & Son, Inc., Fort Payne, Ala. Knitted wear. 2,183,862; Dec. 19.
Davis, Robert F. (See Stoughton, P., and Davis.)
Davis, Robert F., Washington, D. C., assignor, by mesne assignments, to The Edward Katzinger Company. Towel rack. Re. 21,143; July 11.
Davis, Roy S., Hollywood, Calif. Machine for making egg box fillers. 2,151,015; Mar. 21.
Davis, Roy S., Otsego, Mich. Method and machine for packaging. 2,172,835; Sept. 12.
Davis, Stuart S. (See Biggs, O. H., and Davis.)
Davis, Thomas F., Trenton, Mich. Crushing tool. 2,174,080; Sept. 26.
Davis, W. B., & Son, Inc. (See Davis, Robert E., assignor.)
Davis, W. B., & Son, Inc. (See Davis, Robert E., Jr., assignor.)
Davis, Walter H., Alexander City, Ala. Tire pressure controlling apparatus. 2,156,841; May 2.
Davis, Wilbur E., and W. Schonwald, assignors to Middleby-Marshall Oven Co., Chicago, Ill. Reel for tray ovens. 2,161,738; June 6.
Davis, Willard A., Edgewood, R. I., assignor, by mesne assignments, to Gemex Company. Extension device. 2,156,973; May 2.
Davis, William F., Mound City, assignor to Sears, Roebuck and Co., Chicago, Ill. Structural member. 2,148,110; Feb. 21.
Davis, William H., Austin, Tex. Stamping machine. 2,180,037; Nov. 14.
Davis, William L., et al. (See Fitzgerald, Cecil Y., assignor.)
Davis, William R. (See Klemm, Hanns, assignor.)
Davis, Winifred, Cleveland, Ohio. Shampoo mask. 2,162,608; June 13.
Davis, Zack T., Beebe, assignor of one-fourth to J. A. Herndon, Mount Vernon, Ark. Steering walking cultivator. 2,169,912; Aug. 15.
Davison, Charles R. (See Turner, E. A., and Davison.)
Davison, Charles R., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Firedoor operating mechanism. 2,155,585; Apr. 25.
Davison, Harry B., Crown Point, and E. M. Rice, Hanna, Ind. Air conditioning apparatus. 2,181,801; Nov. 28.
Davison, Robert L., assignor to John B. Pierce Foundation, New York, N. Y. Roof construction. 2,166,943; July 25.
Davison, Robert L., assignor to John B. Pierce Foundation, New York, N. Y. Electrical wiring and molding system. 2,175,144; Oct. 3.
Davison, Robert L., assignor to John B. Pierce Foundation, New York, N. Y. Combined electric wiring and molding system. 2,175,145; Oct. 3.
Davison, Robert L., assignor to John B. Pierce Foundation, New York, N. Y. Interconnecting unit construction for combined molding and wiring systems. 2,175,146; Oct. 3.
Davison, Robert L., assignor to John B. Pierce Foundation, New York, N. Y. Outlet-provided interconnecting unit. 2,175,147; Oct. 3.
Davison, Robert L., assignor to John B. Pierce Foundation, New York, N. Y. Combined electric wiring and molding system. 2,175,148; Oct. 3.
Davison, Robert L., New York, N. Y., and F. O. Anderegg, Newark, Ohio, assignors to John B. Pierce Foundation, New York, N. Y. Prestressed structural unit. 2,178,097; Oct. 31.
Davisson, Harry E. (See Pool, Charles E., assignor.)
Davisson, John A., Harrisville, W. Va. Wire stretcher. 2,158,927; May 16.
Davitow, Sergo B., St. Albans, N. Y. Spot welding appliance. 2,179,497; Nov. 14.
Da Voll, Roy C., Hamburg, N. J. Utility indicator. 2,148,806; Feb. 28.
Davol Rubber Company. (See Auzin, John M., assignor.)
Davol Rubber Company. (See Clemens, John A., assignor.)
Davol Rubber Company. (See Kilcup, Ernest I., assignor.)
Davy, Lee G. (See Hasche, R. L., and Davy, assignors.)
Daw, Reginald F. (See Hardeman, W. E., and Daw.)
Dawe, Charles C., Chicago, Ill. Animal feed. 2,162,609; June 13.
Dawes, Forrest L. (See Winegar, E. M., and Dawes.)
Dawes, Frank E., et al. (See Fry, Sidney R., assignor.)
Dawes, Ina, et al. (See Fry, Sidney R., assignor.)
Dawihl, Walther, Kohlhasenbruck, near Neubabelsberg, and Karl Schröter, Berlin, Germany, assignors to General Electric Company. Hard metal alloy. 2,162,574; June 13.
Dawihl, Walther, Berlin-Kohlhasenbruck, and K. Schröter, Berlin, Germany, assignors to General Electric Company. Sintered hard metal alloy. 2,169,090; Aug. 8.
Dawihl, Walther, Berlin-Charlottenburg, O. Fritze, Berlin, and A. Ruttenauer, Berlin-Halensee, Germany, assignors to General Electric Company. Luminescent or phosphorescent body and manufacturing the same. 2,177,691; Oct. 31.
Dawley, Fred B. (See Jaeger, Hans W., assignor.)
Dawn Mfg. Corp. (See Welter, Herman C., assignor.)
Dawsey, Lynn H., Wooster, Ohio. Making hydrogen peroxide. 2,162,996; June 20.
Dawson, Aaron G., and I. R. Wagner, Oteen, N. C. Surface scrubbing machine. 2,142,605; Jan. 3.
Dawson, Albert J., Sewickley, Pa., assignor to Dravo Corporation. Boat. 2,171,686; Sept. 5.
Dawson, Chester R., Seattle, Wash. Ski climber. 2,149,585; Mar. 7.
Dawson, Clinton F., Kansas City, Mo. Shock absorber pad for firemen's poles. 2,143,122; Jan. 10.

Dawson, George A., North Brunswick Township, Middlesex, and E. B. Middleton, Parlin, N. J., assignors to Du Pont Film Manufacturing Corporation, New York, N. Y. Cyanine dyes derived from 2-methylthiazole derivatives. 2,148,441; Feb. 28.
Dawson, George A., Stelton, N. J., assignor to Du Pont Film Manufacturing Corporation, New York, N. Y. Photographic elements containing antihalation layers. 2,182,794; Dec. 12.
Dawson, George H., assignor to Wilson-Jones Company, Chicago, Ill. Index. 2,152,304; Mar. 28.
Dawson, John H., Rockville, Md. Flying toy. 2,148,442; Feb. 28.
Dawson, John H., Rockville, Md., assignor to W. J. Parkinson, Irondequoit, N. Y. Curb parking signal. 2,144,286; Jan. 17.
Dawson, John W. (See Gulliksen, F. H., and Dawson.)
Dawson, John W., East McKeesport, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding control system with polarizing relay. 2,151,749; Mar. 28.
Dawson, John W., East McKeesport, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,157,888; May 9.
Dawson, John W., East McKeesport, and E. H. Vedder, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Photosensitive apparatus. 2,162,529; June 13.
Dawson, John W., Turtle Creek, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding apparatus. 2,162,530; June 13.
Dawson, John W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Power control system. 2,169,023; Aug. 8.
Dawson, John W., Auburndale, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electronic spot welding control. 2,179,282; Nov. 7.
Dawson, Oliver H., Baytown, Tex., assignor to Standard Oil Development Company. Preparing lubricating oil dye from cracked tar. 2,150,363; Mar. 14.
Dawson, Orley H., Highland Park, Mich. Cribbing. 2,149,957; Mar. 7.
Dawson, Robert L., assignor to The Orr-Felt & Blanket Company, Piqua, Ohio. Fulling mill. 2.162.003; June 13.
Dawson, William E., et al. (See Klermund, Henry G., assignor.)
Day, Albert V. T., Rye, N. Y. Carrier wave signaling. 2,164,032; June 27.
Day, Charles, Stockport, England. Machine for grinding articles to predetermined forms. 2,171,211; Aug. 29.
Day, George W., Newfane, N. Y., assignor to General Motors Corporation, Detroit, Mich. Tubular radiator. 2,171,253; Aug. 29.
Day, Herbert O., St. Paul, assignor to St. Paul Hydraulic Hoist Co., Minneapolis, Minn. Hydraulic hoisting system and control with apparatus therefor. 2,143,546; Jan. 10.
Day, Howell, New Market, N. J. Small scale model railroad trackage and method of assembly. 2,161,562; June 6.
Day, J. H., Company, The. (See Liebelt, Adolph A., assignor.)
Day, J. H., Company, The. (See Mason, Erwin S., assignor.)
Day, James. (See Dreisbach, R. R., and Day.)
Day, James C. (See Draper, H. W., and Day.)
Day, James E. (See Wilkoff, L. C., and Day.)
Day, Leon E., Long Beach, Calif., assignor to Regan Forge & Engineering Company. Blow-out preventer. 2,168,764; Aug. 8.
Day, Leonard, New York, N. Y. High speed differentially functioning article sorting. 2,183,606; Dec. 19.
Day, Louis J., Floral Park, N. Y. Surface drain. 2,182,795; Dec. 12.
Day, Lyman A., Litchfield, Minn. Wrench. 2,156,529; May 2.
Day, Percy C., Brookfield, assignor to The Falk Corporation, Milwaukee, Wis. Marine propulsion system. 2,179,370; Nov. 7.
Day, Wilbur M., assignor to The Baldwin Company, Cincinnati, Ohio. Rim construction for pianos. 2,161,139; June 6.
Day, Wilbur M., assignor to The Baldwin Company, Cincinnati, Ohio. Piano fall-board. 2,178,565; Nov. 7.
Day, William P., Cleveland Heights, assignor to The International Vibration Company, Cleveland, Ohio. Apparatus for emplacing concrete. 2,180,198; Nov. 14.
Day, Winterton J., Alplaus, N. Y., assignor to General Electric Company. Beam changer for incandescent searchlights. 2,144,526; Jan. 17.
Day and Zimmermann, Incorporated. (See Rohrer, Josiah H., assignor.)
Dayes, Frederick E., Philadelphia, Pa., assignor to American Car and Foundry Motors Company, New York, N. Y. Vehicle roof construction. 2,159,783; May 23.
Dayes, Frederick E., Philadelphia, Pa., assignor to American Car and Foundry Motors Company, New York, N. Y. Motor vehicle. 2,163,748; June 27.
Dayton, Ernest L., Detroit, Mich. Compensating valve mechanism. 2,158,222; May 16.
Dayton, Gordon V., et al. (See Neal, Joseph W., assignor.)
Dayton Laboratories Corporation, The. (See Rineer, A. E., and Dybvig, assignors.)
Dayton Manufacturing Company, The. (See Knoll, Harry E., assignor.)
Dayton, Max E., et al. (See Berluti, Ercole R., assignor.)
Dayton, Max E., assignor of one-half to B. St. John, Rockford, Ill. Coupler. 2,166,208; July 18.
Dayton, Max E., assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Swivel caster. 2,184,038; Dec. 19.
Dayton Pump & Mfg. Co., The. (See Horvath, Anthony G., assignor.)
Dayton, Robert B., assignor to Eastman Kodak Company, Rochester, N. Y. Recovery of cellulose esters. 2,147,594; Feb. 14.
Dayton Rubber Manufacturing Company, The. (See Bacon, Henry M., assignor.)
Dayton Rubber Manufacturing Company, The. (See Freedlander, Abraham L., assignor.)
Dayton Rubber Mfg. Company, The. (See Freedlander, A. L., and Ritzert, assignors.)
Dayton Rubber Manufacturing Company, The. (See Freedlander, A. L., and Schmidt, assignors.)
Dayton Rubber Manufacturing Company, The. (See Kremer, Edward H., assignor.)
Dayton, Russell W. (See Gillett, H. W., and Dayton.)
Dayton, Theodore S., et al. (See Neal, Joseph W., assignor.)
Dayton Type, Incorporated. (See Poeppelmeier, Frank H., assignor.)
Dayton Type, Incorporated. (See Spaeth, Otto L., assignor.)
Dazey Churn & Mfg. Co. (See Killman, Thomas A. and R. T., assignors.)
Dazey, Harry L., Clayton, Mo. Photographic contact printing apparatus. 2,158,001; May 9.
Deady, George F., assignor to Deady Meter Corporation, Dayton, Ohio, Liquid-fuel meter. 2,148,443; Feb. 28.
Deady Meter Corporation. (See Deady, George F., assignor.)
Deahl, Kenneth J., assignor to Pittsburgh Annealing Box Company, Pittsburgh, Pa. Annealing box. 2,157,231; May 9.
Deahl, Kenneth J., assignor to Pittsburgh Annealing Box Company, Pittsburgh, Pa. Annealing box. 2,163,937; June 27.
Deak, Frank, New York, N. Y. Collapsible sunshade. 2,166,625; July 18.
Deakins, Grover C., Anaheim, assignor, by mesne assignments, to MacClatchie Manufacturing Company of California, Compton, Calif. Mud pump valve. 2,148,850; Feb. 28.
De Amario, David, Ipswich, Mass. Clothespin. 2,173,010; Sept. 12.
Dean, Albert G. (See Ragsdale, E. J. W., and Dean.)
Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Rail car structure. 2,143,547; Jan. 10.
Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Support. 2,158,783; May 16.
Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Battery box. 2,158,784; May 16.
Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Underframe. 2,171,107; Aug. 29.
Dean, Albert G., Narberth, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle roof construction and method of assembly. 2,171,426; Aug. 29.
Dean, Albert G., Philadelphia, and W. W. Farr, Penn Valley, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle construction. 2,171,425; Aug. 29.
Dean, Allison H., Portland, Oreg. Bathtub. 2,161,952; June 13.
Dean and Sherk Company. (See Krentler, Gilbert W., assignor.)
Dean, Charles A., Compton, Calif. Earth drill bit head. 2,181,394; Nov. 28.
Dean, Charles A., Compton, Calif. Rotary bit. 2,181,395; Nov. 28.
Dean, Daniel L., Buffalo, N. Y. Automatic machine feed mechanism. 2,147,885; Feb. 21.
Dean, James L., Andover, and E. Schmidt, Methuen, assignors to Lawrence Pump and Engine Co., Lawrence, Mass. Pumping apparatus. 2,162,247; June 13.
Dean, John M., Jr., Putnam, Conn. Phonograph style. 2,164,199; June 27.
Dean, Roy H., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Automobile door lock. 2,143,510; Jan. 10.
Dean, Roy H., assignor to General Motors Corporation, Detroit, Mich. Cowl ventilator. 2,151,748; Mar. 28.
Dean, Roy H., assignor to General Motors Corporation, Detroit, Mich. Glass run channel assembly. 2,169,792; Aug. 15.
Dean, Roy H., assignor to General Motors Corporation, Detroit, Mich. Fastening device. 2,181,966; Dec. 5.
Dean, William T., Gary, Ind. Removable top for soaking pits. 2,159,844; May 23.

Dean, William T., Gary, Ind. Removable top for soaking pits. 2,163,727; June 27.
Deanesly, Richard M., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Purification of ketones. 2,166,584; July 18.
Deanesly, Richard M., and E. C. Williams, Berkeley, and L. V. Steck, Piedmont, assignors to Shell Development Company, San Francisco, Calif. Production of higher boiling hydrocarbons from olefines. 2,142,937; Jan. 3.
Deanesly, Richard M., and A. Wachter, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Process and products relating to production of valuable hydrocarbons. 2,181,640; Nov. 28.
Dear, George W., and R. L. Thompson, Troup, Tex. Garment hanger. 2,163,485; June 20.
Dearborn Chemical Company. (See Anderson, Lural J., assignor.)
Dearborn Chemical Company. (See Barclay, F. B., and May, assignors.)
Dearborn Chemical Company. (See Hinsch, Walter H., assignor.)
Dearborn, Frank W., assignor to Gold Car Heating & Lighting Company, Brooklyn, N. Y. Coupler for train pipes. 2,171,288; Aug. 29.
Dearborn, Frederick E., Washington, D. C., dedicated to the free use of the People of the United States of America. Compounds of copper, arsenic, and a sulphmonocarboxylic acid and making them. 2,159,585; May 23.
Dearborn, Frederick E., Washington, D. C., dedicated to the free use of the Public in the territory of the United States. Treating glycerides. 2,169,793; Aug. 15.
Dearborn, Richard J., Summit, N. J., assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbon oil. 2,153,241; Apr. 4.
Dearborn, Richard J., Summit, N. J., assignor to The Texas Company, New York, N. Y. Treating hydrocarbon oil. 2,161,247; June 6.
Deardorff, Earl, Portland, Oreg. Vehicle wheel traction. 2,179,587; Nov. 14.
Dearing, John B., Ben Avon, Pa., assignor to Radio Corporation of America. Gyroscopic device. 2,173,228; Sept. 19.
Dearsley, George, and J. Shackleton, London, England, assignors to American Machine & Foundry Company, New York, N. Y. Tobacco rod forming method and means. 2,169,582; Aug. 15.
De Asis, Paul, Los Angeles, Calif. Submersible aircraft. 2,162,066; June 13.
Deaville, Edward A. (See Lippert, Alfred, assignor.)
De Back, William, assignor to Chisholm-Ryder Company, Incorporated, Niagara Falls, N. Y. Apparatus for packing foodstuffs. 2,180,349; Nov. 21.
De Bats, Jean H. L., East Orange, N. J., and J. A. Ritz, assignors to Metal Carbides Corporation, Youngstown, Ohio. Making hard metal articles. 2,167,544; July 25.
De Baufre, William L., Lincoln, Nebr. Method and apparatus for separating ethylene from a gaseous mixture with ethane, methane, and hydrogen. 2,154,668; Apr. 18.
De Baufre, William L., Lincoln, Nebr. Method and apparatus for separating ethylene from a gaseous mixture. 2,180,200; Nov. 14.
De Beeson, George, Los Angeles, assignor to Kormann Aero-Safety Appliance, Inc., Glendale, Calif. Airplane control. 2,146,800; Feb. 14.
De Becze, George, Budapest, Hungary. Apparatus for carrying out physical and chemical reactions. 2,154,150; Apr. 11.
De Bell, John M., Longmeadow, Mass., assignor to Hercules Powder Company, Wilmington, Del. Synthetic resins and method of producing. 2,146,012; Feb. 7.
De Bellescize, Heni J. J. M. D., Neuilly-sur-Seine, France. Frequency modulated signal. 2,176,168; Oct. 17.
De Bellis, Aldo M., Summit, N. J., assignor to Railway and Industrial Engineering Company. Disconnect switch. 2,164,231; June 27.
De Benedetti, Francesco, Turin, Italy. Roll mill. 2,156,584; May 2.
De Beukelaer, Frank L. (See Newton, R. C., and De Beukelaer.)
De Beuckelaere, Adonis C., Elmhurst, Long Island, N. Y. Fishhook extractor. 2,176,330; Oct. 17.
De Biasi, Charles P., Noank, Conn. Clamshell bucket. 2,164,988; July 4.
De Boer, Jan H. (See Addink, N. W. H., and de Boer.)
De Boer, Jan H. (See Alink, R. J. H., and de Boer.)
De Boer, Jan H. (See Holst, G., and de Boer.)
De Boer, Jan H., Eindhoven, Netherlands, assignor to N. V. Philips' Gloeilampenfabrieken. Electron discharge device. 2,159,946; May 23.
De Boer, Jan H., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Mechanical recording. 2,163,087; June 20.
De Boer, Jan H., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electric discharge tube. 2,172,968; Sept. 12.
De Boer, Jan H., H. Bruining, F. Prakke, and K. M. Van Gessel, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Secondary electron emitter and making it. 2,146,099; Feb. 7.
De Boer, Jan H., and M. C. Teves, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Luminescent screen. 2,161,458; June 6.
De Boer, Jan H., and G. B. Jonas, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Nickel alloy for electrodes. 2,172,967; Sept. 12.
De Boer, Jan H., and W. C. van Geel, Eindhoven, Netherlands, assignors to N. V. Philips' Gloeilampenfabrieken. Asymmetric electrode system. 2,173,249; Sept. 19.
De Boer, John H., Syracuse, N. Y. Exhibition coupling for beds. 2,142,487; Jan. 3.
De Boer, Rudolph F., Grand Rapids, Mich., assignor to Applied Arts Corporation. Sliding ash receiver. Re. 21,080; May 16.
De Boer, Rudolph F., Grand Rapids, Mich., assignor to Applied Arts Corporation. Ash receiver. 2,149,207; Feb. 28.
De Boer, Rudolph F., Grand Rapids, Mich., assignor to Applied Arts Corporation. Ash receiver. 2,149,208; Feb. 28.
De Boer, Rudolph F., Grand Rapids, Mich., assignor to Applied Arts Corporation. Ash receiver hinge. 2,149,586; Mar. 7.
Debor, Hermann, Munich, Germany, assignor to Dominion Oxygen Company, Limited. Pressure container and making same. 2,148,234; Feb. 21.
Debor, Hermann, Munich, Germany, assignor to Dominion Oxygen Company, Limited. Pressure vessel and making same. 2,171,972; Sept. 5.
Debor, Hermann, Munich, Germany, assignor to Dominion Oxygen Company, Limited. Safety device for pressure vessels. 2,171,973; Sept. 5.
Debor, Robert, Obermenzing by Munich, Germany, assignor to Dominion Oxygen Company, Limited. Apparatus for making pressure vessels. 2,169,228; Aug. 15.
De Bothezat, George, New York, assignor to Helicopter Corporation of America, Long Island City, N. Y. Helicopter. 2,156,334; May 2.
De Bothezat, George, New York, assignor to Helicopter Corporation of America, Long Island City, N. Y. Helicopter device. 2,180,922; Nov. 21.
De Boysson, Joseph B. A., Paris, France. Pumping unit with automatic clutch. 2,147,334; Feb. 14.
Debrey, Michael, assignor to The Simplex Corporation, Burlington, Iowa. Automatic voltage regulator. 2,165,887; July 11.
Debrie, André L. V. C., Paris, France. Cinematographic apparatus. 2,142,606; Jan. 3.
De Bruin, Sake L., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Device for oscillographing. 2,178,471; Oct. 31.
Debuch, Carl P., Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Production of metallic zinc. 2,144,914; Jan. 24.
De Camp, Ray E. (See Baruch, M., De Camp, and Walker.)
De Caracena, Ray K., Bronx, N. Y. Leather jewelry. 2,161,506; June 6.
De Cardy, Otto. (See Wahlquist, A. B., and De Cardy.)
De Caria, Ugo, Milan, Italy. Air propeller with automatically variable pitch. 2,146,334; Feb. 7.
De Caria, Ugo, Milan, Italy. Air propeller with automatically variable pitch. 2,177,315; Oct. 24.
De Caria, Ugo, Milan, Italy. Adjusting mechanism for propeller blades and the like. 2,182,285; Dec. 5.
Decatur Associates. (See Jepson, James A., assignor.)
Decatur Garment Company. (See Robertson, E. C., and Hamman, assignors.)
De Cesare, Matteo, Newark, N. J., and D. Cohn, Brooklyn, N. Y., assignors to Eyedoll Corporation, Jersey City, N. J. Doll construction. 2,155,081; Apr. 18.
De Cesare, Matteo, Newark, N. J., and D. Cohn, Brooklyn, N. Y., assignors to Eyedoll Corporation, Jersey City, N. J. Doll construction. 2,157,165; May 9.
De Cesare, Matteo, Jersey City, N. J., and D. Cohn, Brooklyn, N. Y., assignors to Eyedoll Corporation, Jersey City, N. J. Doll's eye construction. 2,175,831; Oct. 10.
Dechant, Stella B., Berkeley, Calif. Can and dish combination. 2,148,537; Feb. 28.
Deckel, Friedrich, Prazisionsmechanick und Maschinenbau. (See Zwick, Kurt, assignor.)
Deckel, Friedrich. (See Ostler, J., and Zwick, assignors.)
Deckel, Friedrich. (See Zizelsberger, Hans, assignor.)
Deckel, Friedrich. (See Zwick, Kurt, assignor.)
Decker, Alfred, & Cohn, Inc. (See Markin, Louis, assignor.)
Decker, Alonzo G. (See Whitney, K. E., and Decker.)
Decker, Alonzo G., Towson, Md., assignor to The Black & Decker Manufacturing Company. Portable electric tool and casing. 2,155,082; Apr. 18.
Decker, Earl J., Detroit, Mich. Air conditioning apparatus for motor vehicles. 2,178,033; Oct. 31.
Decker, Frank A., New York, N. Y. Mechanical toy. 2,157,889; May 9.
Decker, Frank L., Kimble, Pa. Artificial construction stone. 2,155,531; Apr. 25.
Decker, George, assignor of one-half to P. D. Spaeth, Cincinnati, Ohio, and one-half to A. Kietz, Bellevue, Wash. Permanent waving device. 2,142,306; Jan. 3.
Decker, Howard H., Fairview, N. J., assignor to Schutte & Koerting Company, Philadelphia, Pa. Specific gravity indicator. 2,182,172; Dec. 5.

Decker, James L., Kenilworth, assignor to Lovely Lady, Inc., Chicago, Ill. Powder box attachment. 2,143,058; Jan. 10.
Decker, Josef B., Elkton, Md., assignor to Triumph Explosives, Inc. Parachute signal. 2,180,667; Nov. 21.
De Coriolis, Ernest G., assignor to Surface Combustion Corporation, Toledo, Ohio. Heat treating furnace. 2,149,883; Mar. 7.
De Coudres, Harry J., Chicago, Ill. Universal joint. 2,171,059; Aug. 29.
De Coursey, Harry V., Houma, La., assignor to Byron Jackson Co., Huntington Park, Calif. Elevator link retainer. 2,150,581; Mar. 14.
De Cozen, Alfred. (See Fow, Raymond S. C., assignor.)
De Croce, Gennero, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system for electric generators. 2,175,882; Oct. 10.
De Csarada, Hella, et al. (See Német, Nándor, assignor.)
De Dani, Andor. (See Alexander, P., and De Dani.)
Dedicated to the free use of the People of the United States of America. (See Sedgwick, Kenneth G.)
Dedman, H. W., et al. (See Gordy, George B., Jr., assignor.)
Dednox Corporation. (See McGrew, Orville V., assignor.)
De Eds, Floyd, San Francisco, Calif., C. W. Eddy, Pullman, Wash., and J. O. Thomas, San Francisco, Calif., assignors to H. A. Wallace, Secretary of Agriculture of the United States of America, and his successors in office. Preparation of thionol. 2,162,686; June 13.
Deegan, John L., Sr., Pottstown, Pa. Combination floor washer and drier. 2,153,686; Apr. 11.
Deeg, Theodor, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system for generator driving engines. 2,179,283; Nov. 7.
Deem, Arden G., Wilmington, and W. A. Lazier, Elsmere, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of aromatic dinitriles. 2,149,280; Mar. 7.
Deem, Katherine V. (See Dubosclard, Paul P. M., assignor.)
Deems, Edward M., Forest Hills, assignor to Railroad Accessories Corporation, New York, N. Y. Rail bond. 2,180,318; Nov. 14.
Deems, Frank E., Birmingham, Ala., assignor to Continental Gin Company. Huller cotton gin. 2,155,181; Apr. 18.
Deerby, John H., Scarsdale, assignor of one-third to C. F. Kelley, Brooklyn, and one-third to H. W. Park, New York, N. Y. Supervisory system for watchmen. 2,150,209; Mar. 14.
Deere & Company. (See Anderson, Ralph L., assignor.)
Deere & Company. (See Anderson, R. L., and Martin assignors.)
Deere & Company. (See Andrews, Norman F., assignor.)
Deere & Company. (See Beckstrom, Carl V., assignor.)
Deere & Company. (See Brown, T., and Paul, assignors.)
Deere & Company. (See Butter, R. A., and Neighbour, assignors.)
Deere & Company. (See Coultas, Wilbur J., assignor.)
Deere & Company. (See Coultas, W. J., and Andrews, assignors.)
Deere & Company. (See Coultas, W. J., and Paradise, assignors.)
Deere & Company. (See Court, Frank T., assignor.)
Deere & Company. (See Gorman, Fay O., assignor.)
Deere & Company. (See McAfee, James H., assignor.)
Deere & Company. (See Oehler, A. W., and Anderson, assignors.)
Deere & Company. (See Oehler, A. W., Anderson, and Paradise, assignors.)
Deere & Company. (See Paradise, L. A., and Coultas, assignors.)
Deere & Company. (See Peterson, Julius, assignor.)
Deere & Company. (See Silver, Walter H., assignor.)
Deere & Company. (See Strandlund, Carl G., assignor.)
Deere & Company. (See Tuft, Miles H., assignor.)
Deere & Company. (See Tuft, M. H., and Rasmussen, assignors.)
Deere & Company. (See White, Charles H., assignor.)
Deere, John, Tractor Company. (See McCormick, Elmer, assignor.)
De Falco, Mario, Rome, Italy. Aperiodic oscillating coupling joint with constant transmission ratio. 2,144,964; Jan. 24.
De Falco, Mario, Rome, Italy. One-way clutch mechanism. 2,150,715; Mar. 14.
De Falco, Mario, Rome, Italy. Power transmission mechanism. 2,179,405; Nov. 7.
Defandorf, John L., Whitefish Bay, and H. E. Hodgson, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit commutating device. 2,169,039; Aug. 8.
De Fazi, Fulvio, Cleveland, Ohio. Food cooking or frying machine. 2,147,335; Feb. 14.
Defender Photo Supply Company. (See Smith, R. E., and Molin, assignors.)
Defiance Manufacturing Company. (See Graham, Clarence T., assignor.)
Defiance Sales Corporation. (See Linsner, Arthur F., assignor.)
Defives, Raymond, Brussels, assignor to Servo-Frein Dewandre Societe Anonyme, Liege, Belgium. Remote control apparatus for the successive release of bombs in aircraft. 2,150,055; Mar. 7.
De Florez, Luis. (See Gray, James W., assignor.)
De Florez, Luis, Pomfret, Conn., assignor to The Texas Company, New York, N. Y. Furnace. 2,151,386; Mar. 21.
De Florez, Luis, assignor to National Aviation Research Corporation, New York, N. Y. Directional indication and control. 2,162,940; June 20.
De Foe, Jonathan C., and A. N. Winter, Augusta, Kans., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Oil burner. 2,149,115; Feb. 28.
De Forest, Alfred V. (See Wasson, R. B., and de Forest.)
De Forest, Alfred V., Marlboro, N. H., assignor to Research Corporation. Resonant vibration fatigue tester. 2,171,303; Aug. 29.
De Forest, Alfred V., Marlboro, N. H., and F. B. Doane, Wilmette, assignors, by mesne assignments, to Magnaflux Corporation, Chicago, Ill. Testing method and apparatus. 2,158,409; May 16.
De Forest, Lee, assignor to American Television Laboratories, Inc., Hollywood, Calif. Radial scanning television system. 2,163,749; June 27.
De Fraine, John L., Brooklyn, and J. Y. Smith, Mastic Park, Long Island, N. Y.; said Smith assignor to said De Fraine. Method and material for marking laundered articles. 2,180,508; Nov. 21.
De Frees, Harry L., Des Moines, Iowa. Furnace or the like. 2,155,968; Apr. 25.
De Frees, Joseph H., assignor to Pennsylvania Furnace and Iron Company, Warren, Pa. Valve operating mechanism for tank vehicles. 2,183,987; Dec. 19.
De Ganahl, Carl, assignor to Fleetwings, Inc., Bristol, Pa. Closed section welder. 2,151,422; Mar. 21.
De Ganahl, Carl, assignor to Fleetwings, Inc., Bristol, Pa. Fabric attaching cap strip for aircraft. 2,161,802; June 13.
De Ganahl, Carl, assignor to Fleetwings, Inc., Bristol, Pa. Corrugated sheet metal structure. 2,177,478; Oct. 24.
De Ganahl, Carl, Bristol, and T. B. Lavelle, Langhorne, assignors to Fleetwings, Inc., Bristol, Pa. Method and apparatus for welding corrugated sheets to flat sheets. 2,163,590; June 27.
De Ganahl, Carl, and W. L. Sutton, assignors to Fleetwings, Inc., Bristol, Pa. Fluid actuated operating mechanism. 2,181,562; Nov. 28.
De Gavardie, Pierre H. E., Paris, France. Gun turret for aircraft. 2,182,722; Dec. 5.
De Giers, Clarence A., Forest Hills, assignor to The Lequidometer Corporation, Long Island City, N. Y. Contents gauge for plurality of tanks. 2,154,066; Apr. 11.
De Giers, Clarence A., assignor to The Liquidometer Corporation, Long Island City, N. Y. Temperature compensator. 2,168,397; Aug. 8.
De Giers, Clarence A., assignor to The Lequidometer Corporation, Long Island City, N. Y. Hydrostatic liquid-contents gauge for tanks under air pressure. 2,174,872; Oct. 3.
De Giers, Clarence A., assignor to The Liquidometer Corporation, Long Island City, N. Y. Hydraulic transmission system. 2,177,058; Oct. 24.
Déglon, Henry, assignor to S. Morgan Smith Company, York, Pa. Control system. 2,158,108; May 16.
De Golyer, Anthony G., New York, N. Y. Alloy. 2,147,636; Feb. 21.
De Golyer, Anthony G., New York, N. Y. Alloy. 2,147,637; Feb. 21.
De Golyer, Anthony G., New York, N. Y. Welding. 2,152,637; Apr. 4.
De Grace, Carl T., Buffalo, N. Y. Hydraulic brake system. 2,169,462; Aug. 15.
De Groot, Abraham J. W. (See Volz, R. F., and de Groot.)
De Groote, Melvin, University City, assignor to The Tret-O-Lite Company, Webster Groves, Mo. Resolving petroleum emulsions. 2,153,745; Apr. 11.
De Groote, Melvin, University City, assignor to The Tret-O-Lite Company, Webster Groves, Mo. Resolving petroleum emulsions. 2,153,746; Apr. 11.
De Groote, Melvin, University City, Mo., assignor, by mesne assignments, to Petrolite Corporation, Ltd. Resolving petroleum emulsions. 2,166,431; July 18.
De Groote, Melvin, University City, Mo., assignor, by mesne assignments, to Petrolite Company, Ltd. Resolving petroleum emulsions. 2,166,432; July 18.
De Groote, Melvin, University City, Mo., assignor, by mesne assignments, to Petrolite Corporation, Ltd. Resolving petroleum emulsions. 2,166,433; July 18.
De Groote, Melvin, University City, Mo., assignor, by mesne assignments, to Petrolite Corporation, Ltd. Resolving petroleum emulsions. 2,166,434; July 18.
De Groote, Melvin, University City, Mo., assignor, by mesne assignments, to Petrolite Corporation, Ltd. Mixed esters. 2,184,794; Dec. 26.
De Groote, Melvin, University City, and L. L. Faure, Kirkwood, assignors to The Tret-O-Lite Company, Webster Groves, Mo. Resolving petroleum emulsions. 2,153,744; Apr. 11.
De Groote, Melvin, University City, B. Keiser, and C. M. Blair, Jr., assignors to The Tret-O-Lite Company, Webster Groves, Mo. Composition of matter and process for resolving petroleum emulsions. 2,154,422; Apr. 18.

De Groote, Melvin, University City, B. Keiser, and C. M. Blair, Jr., assignors to The Tret-O-Lite Company, Webster Groves, Mo. Composition of matter and process for resolving petroleum emulsions. 2,154,423; Apr. 18.

De Groote, Melvin, University City, and B. Keiser and C. M. Blair, Jr., Webster Groves, Mo., assignors, by mesne assignments, to Petrolite Corporation, Ltd. Breaking petroleum emulsions. 2,167,346; July 25.

De Groote, Melvin, University City, and B. Keiser and C. M. Blair, Jr., Webster Groves, Mo., assignors, by mesne assignments, to Petrolite Corporation, Ltd. Breaking petroleum emulsions. 2,167,347; July 25.

De Groote, Melvin, University City, and B. Keiser and C. M. Blair, Jr., Webster Groves, Mo., assignors, by mesne assignments, to Petrolite Corporation, Ltd. Breaking petroleum emulsions. 2,167,348; July 25.

De Groote, Melvin, University City, and B. Keiser and C. M. Blair, Jr., Webster Groves, Mo., assignors, by mesne assignments, to Petrolite Corporation, Ltd. Breaking petroleum emulsions. 2,167,349; July 25.

De Groote, Melvin, University City, and B. Keiser, and C. M. Blair, Jr., Webster Groves, Mo., assignors, by mesne assignments, to Petrolite Corporation, Ltd. Resolving petroleum emulsions. 2,176,702; Oct. 17.

De Groote, Melvin, University City, and B. Keiser and C. M. Blair, Jr., Webster Groves, Mo., assignors, by mesne assignments, to Petrolite Corporation, Ltd. Resolving petroleum emulsions. 2,176,703; Oct. 17.

De Groote, Melvin, University City, and B. Keiser, and C. M. Blair, Jr., Webster Groves, Mo., assignors, by mesne assignments, to Petrolite Corporation, Ltd. Resolving petroleum emulsions. 2,176,704; Oct. 17.

De Hart, Edward S. (See Errig, W. F., and De Hart.)

De Heer, Jacob, Amsterdam, Netherlands. Motion picture camera. 2,172,438; Sept. 12.

Dehlinger, Alice C. (See Scarozza, Antonio, assignor.)

Dehmel, Richard C., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Method and apparatus for testing electrical resistance. 2,178,954; Nov. 7.

Dehn, George J., Chicago, Ill. Grease separator. 2,181,263; Nov. 28.

Dehn, Joseph W., Great Neck, and O. Myers, Mount Vernon, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching device. 2,157,890; May 9.

Dehnert, Heinrich, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Alkali metal hyposulphites. 2,172,275; Sept. 5.

Dehuff, Walter F., Glen Rock, Pa., assignor to American Machine & Foundry Company. Deflector for vertical mixing machines. 2,142,963; Jan. 3.

Dehuff, Walter F., Glen Rock, Pa., assignor to American Machine & Foundry Company. Mixing machine beater. 2,181,078; Nov. 21.

Dehuff, Walter F., Glen Rock, Pa., assignor to American Machine & Foundry Company. Mixing machine. 2,181,079; Nov. 21.

Deibel, Charles W. (See Clark, L. H., and Deibel.)

Deibel, Cyril P., Lakewood, Ohio. Dry cell battery unit. 2,151,193; Mar. 21.

Deibel, Charles W. (See Clark, L. H., Olin, and Deibel.)

Deibel, Ernest C., Akron, Ohio. Thermal exchange barrel 2,184,380; Dec. 26.

Deich, Sol, New York, N. Y. Tobacco cartridge and making same. 2,158,928; May 16.

Deinet, Joseph. (See Perkins, M. A., and Deinet.)

Deinet, Joseph, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthrimide-carbazole series. 2,162,196; June 13.

Deinet, Joseph, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Anthraquinonoyl-amino anthraquinones. 2,181,048; Nov. 21.

Deister Concentrator Company, The. (See Cole, Elza F., assignor.)

Deitz, John C., St. Clair Shores, Mich. Body and engine temperature control system for motor vehicles. 2,177,870; Oct. 31.

Deitz, Louis S., Jr. (See Bell, C. H., Deitz, and Stein.)

Deitz, Louis S., Jr., Westfield, N. J., assignor to Nassau Smelting & Refining Company, Incorporated, New York, N. Y. Purification of metals. 2,180,139; Nov. 14.

De Javannes, Francis J., New York, N. Y. Dispenser. 2,157,282; May 9.

De Jonge, Cornelius P. (See McLelland, M., and de Jonge.)

De Jong, Hendrik, J. Bergmans, and W. Kortenray, Eindhoven, Netherlands, assignors to General Electric Company. Mounting arrangement for a high intensity light source. 2,160,648; May 30.

De Jonge, Leonardus, assignor to the Syndicate Jozijdhoff, Rotterdam, Netherlands. Sterilizing liquids by heating. 2,173,411; Sept. 19.

De Journette, Alma M., Chattanooga, Tenn. Flat doll. 2,177,426. Oct. 24.

De Juhasz, Kalman J., State College, Pa. Optical indicator. 2,143,011; Jan. 10.

De Jur-Amsco Corporation. (See Molzen, Charles F., assignor.)

De Kay, Robert E., Los Angeles, Calif. Motion picture apparatus. 2,154,809; Apr. 18.

De Kok, Willem J. C. (See Waterman, H. I., and de Kok.)

Dekker, Jan M. D., The Hague, Netherlands, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. System of carrier current transmission. 2,156,278; May 2.

Deknatel, J. A., & Son, Inc. (See Choffel, Alex, assignor.)

Deknatel, J. A., & Son, Inc. (See Hames, Frederick W., assignor.)

De Kremer, Mily, London, England. Synchronizing clutch mechanism. 2,161,285; June 6.

De La Cierva, Juan, Madrid, Spain, assignor, by mesne assignments, to Autogiro Company of America. Aircraft with autorotative wings. 2,155,409; Apr. 25.

De la Cierva, Juan, deceased, Aldwych, London, by J. Josselyn, London, and R. Blake, Aldwych, London, England, administrators, assignors, by mesne assignments, to Autogiro Company of America. Blade for aircraft sustaining rotors. 2,161,699; June 6.

De la Cuesta, Francisco, Habana, Cuba. Tank. 2,152,246; Mar. 28.

De la Garza, Carlota, assignor to Halgar, Inc., Chicago, Ill. Permanent hair waver. 2,163,375; June 20.

De Lamater, Clarence D., San Diego, Calif. Drip catching attachment for umbrellas. 2,170,236; Aug. 22.

De La Mater, Robert G., assignor to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Brake mechanism for motor vehicles. 2,170,128; Aug. 22.

De Lamatter, William W., Cleveland Heights, Ohio. Rubber coated objects and production. 2,154,834; Apr. 18.

Delamere Company. (See Gallagher, Walter J., assignor.)

Delamere Company. (See Goodman, Abraham, assignor.)

Delamere Company. (See Huppert, William, assignor.)

Delamere Company, Inc. (See Huppert, William, assignor.)

Delamere & Williams, Limited. (See Williams, V. G., and Rutter, assignors.)

De Lancey, Warren H. (See Logan, J. A., and De Lancey.)

De Lancey, Warren H., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Shutter operating mechanism for registers of liquid dispensing apparatus. 2,157,258; May 9.

De Lancey, Warren H., Springfield, asignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Liquid dispensing apparatus. 2,171,687; Sept. 5.

De Land, Robert E., Milwaukee, assignor of one-half to L. S. Neff, Wauwatosa, Wis. Electric switch. 2,148,732; Feb. 28.

Delaney, Charles E., Gillespie, Ill. Scythe sharpener. 2,162,004; June 13.

Delaney, John M. (See Vigorith, A., Story, and Delaney.)

De Lange, Cornelis. (See Claassen, A. F. P. J., and de Lange.)

De Lange Cornelis, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Holland. Condenser. 2,148,607; Feb. 28.

De Lange, Cornelis, and A. J. J. Lambeek, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electrolytic condenser and making the same. 2,183,092; Dec. 12.

De Lange, Owen E., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency modulation. 2,170,812; Aug. 29.

De Langen, Lambertus H., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Motion picture apparatus. 2,171,722; Sept. 5.

Delanne, Maurice H., Paris, France. Aircraft. 2,147,968; Feb. 21.

Delano, Frank, Huntington Park, assignor of one-third to H. W. Crosswhite, Maywood, and one-third to F. Maigre, Huntington Park, Calif. Tube vulcanizer. 2,150,267; Mar. 14.

Delano, Howard A., Springettsbury Township, York County, Pa., assignor to American Chain & Cable Company, Inc. Electric resistance welding machine. 2,179,117; Nov. 7.

Delano, Howard A., Springettsbury Township, York County, Pa., assignor to American Chain & Cable Company, Inc., New York, N. Y. Tread member for antiskid devices. 2,180,099; Nov. 14.

Delano, Howard A., Springettsbury Township, York County, Pa., assignor to American Chain & Cable Company, Inc., New York, N. Y. Reinforced antiskid tire chain. 2,180,102; Nov. 14.

De Lanty, Loren J. (See Schumacher, H., Perry, and De Lanty.)

De Lanty, Loren J., assignor to Sperry Products, Inc., Brooklyn, N. Y. Device for controlling electric circuits. 2,170,964; Aug. 29.

Delanty, Thomas W. (See Joyce, T. J., and Delanty.)

Delaplane, Raymond C., Lakewood, Colo. Water control roller for offset presses. 2,162,248; June 13.

De La Roza, Joaquin J., Sr., Plandome, N. Y. Method and apparatus for digesting fibrous or cellular material. 2,159,258; May 23.

De Lassus Saint Genies, Anne H. J., Versailles, France. Obtaining color photographs. 2,183,305; Dec. 12.

De Laval Separator Company, The. (See Ashworth, Daniel I., assignor.)

De Laval Separator Company, The. (See Bergner, Nore E., assignor.)

De Laval Separator Company, The. (See Berwick, Frederick W., and A. G., assignors.)

De Laval Separator Company, The. (See Björnstjerna, Curt R. A. M., assignor.)
De Laval Separator Company, The. (See Cramton, Arthur W., assignor.)
De Laval Separator Company, The. (See Erling, Sven J., assignor.)
De Laval Separator Company, The. (See Forsberg, Erik A., assignor.)
De Laval Separator Company, The. (See Fröding, Olof E., assignor.)
De Laval Separator Company, The. (See Hall, Selden H., assignor.)
De Laval Separator Company, The. (See Hapgood, Cyrus H., assignor.)
De Laval Separator Company, The. (See Lindgren, Hans O., assignor.)
De Laval Separator Company, The. (See Risberg, Johannes V. M., assignor.)
De Laval Separator Company, The. (See Ruda, Gustaf W., assignor.)
De Laval Separator Company, The. (See Staaff, Per H., assignor.)
De Laval Separator Company, The. (See Strezynski, George J., assignor.)
De Laval Separator Company, The. (See Svensson, Karl J., assignor.)
De Laval Steam Turbine Company. (See Broadhurst, Frank S., assignor.)
De Laval Steam Turbine Company. (See Peterson, Arvid, assignor.)
Delaval-Crow, Thomas C. (See Brouwer, R. D., Delaval-Crow.)
Delaval-Crow, Thomas C., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Variable speed transmission. 2,157,259; May 9.
Delaval-Crow, Thomas C., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Lubricating device. 2,164,449; July 4.
Delaval-Crow, Thomas C. (See Glacy, E. W., and Delaval-Crow.)
Delaval-Crow, Thomas C., and E. W. Glacy, Bristol, Conn., assignors to General Motors Corporation, Detroit, Mich. Driving mechanism for cycles. 2,181,425; Nov. 28.
De Lavaud, Dimitri S., Paris, France. Disk differential. 2,179,923; Nov. 14.
De Lavaud, Dimitri S., Paris, France. Hydraulic power transmission. 2,184,606; Dec. 26.
Delavenna, Lucien, and J. Maillard, Paris, France. Electrolytic preparation of oxychlorine salts. 2,180,668; Nov. 21.
Delaware Rayon Company. (See Barnes, Joseph H., assignor.)
Del Camp, Scipione M., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Shielded plug and socket member. 2,169,961; Aug. 15.
Del Camp, Scipione M., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Electrical connection. 2,169,962; Aug. 15.
Del Camp, Scipione M., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Fused plug. 2,177,592; Oct. 24.
Del Camp, Scipione M., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Lamp socket and lamp socket installation. 2,177,593; Oct. 24.
Del Camp, Scipione M., Maywood, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Electrical plug and socket connection. 2,180,923; Nov. 21.
Delchef, Georges, Brussels, Belgium. Apparatus for transmitting recording graphics. 2,151,750; Mar. 28.
De Leeuw, Adolph L., Plainfield, N. J., assignor to The Warner & Swasey Company, Cleveland, Ohio. Change speed mechanism for machine tools. 2,169,761; Aug. 15.
De Leon, Raphael F., Hartford, Conn. Oil burner. 2,171,916; Sept. 5.
Deleray, Bert R., Los Angeles, Calif. Automatic toaster. 2,170,070; Aug. 22.
Delf, George A., assignor, by mesne assignments, to Atlas Tool & Manufacturing Company, St. Louis, Mo. Heating system for corn popping machines. 2,179,468; Nov. 7.
Delfox, James G., Flushing, assignor to Poor & Company, New York, N. Y. Rail supporting and retaining means. 2,154,151; Apr. 11.
Deli, Frank C., assignor to Autopoint Company, Chicago, Ill. Mechanical pencil. 2,178,626; Nov. 7.
D'Elia, Joseph A., Bridgeport, Conn. Oil burner. 2,146,250; Feb. 7.
De Lin, Martin, assignor to Holland Furnace Company, Holland, Mich. Combustion apparatus. 2,161,021; June 6.
De Lin, Martin, assignor to Holland Furnace Company, Holland, Mich. Combustion apparatus. 2,171,917; Sept. 5.
De Lisle, Auguste, assignor to Associated Dairy Products Company, Glendale, Ariz. Manufacture of milk sugar. 2,145,109; Jan. 24.
De Lisle, Harold L., Two Rivers, Wis. Pencil pointer or the like. 2,146,288; Feb. 7.
De Lisle, Harold L., Two Rivers, Wis. Drafting machine. 2,160,130; May 30.
De Lisle, Harold L., Two Rivers, Wis. Drawing parallel lines. 2,183,214; Dec. 12.
De Liso, Ralph, Brooklyn, N. Y. Lasting shoes. 2,150,892; Mar. 21.
Delk, Edward M., assignor of eight-tenths to K. E. Adams, and one-tenth to J. E. Parsons, Shelbyville, Tenn. Joint for sheet metal roofing. 2,159,136; May 23.
Dell, James A. (See Watkins, E. G., and Dell.)
Dell, Thomas C., Chippawa, Ontario, Canada. Garage door operating mechanism. 2,175,957; Oct. 10.
Della Chiesa, Alessandro D., New York, N. Y., and L. P. Froehlich, East Rutherford, N. J., assignors, by mesne assignments to Binks Manufacturing Company, Chicago, Ill. Spraying apparatus for use with printing presses. 2,153,548; Apr. 11.
Della Chiesa, A. D., New York, N. Y., and L. P. Froehlich, East Rutherford, N. J., assignors to Binks Manufacturing Company, Chicago, Ill. Pressure fluid control valve device. 2,184,413; Dec. 26.
Dellachiesa, Hector A., Buenos Aires, Argentina. Water closet valve mechanism. 2,184,584; Dec. 26.
Dellenbaugh, Frederick S., Jr., Chestnut Hill, assignor to Raytheon Manufacturing Company, Newton, Mass. Regulating system. 2,175,379; Oct. 10.
Dellinger, Martin C. (See Kulp, H. W., and Dellinger.)
Del-Mac Shoe Process Corporation, The. (See Quinn, Edward, assignor.)
Del-Mac Shoe Process Corporation. (See Sutcliffe, Harry L., assignor.)
Delmas, Robert L., Paris, France. Control mechanism for change-speed gears of motor vehicles and the like. 2,163,975; June 27.
Del Nero, Martial, Rome, N. Y. Beer cooler. 2,177,207; Oct. 24.
De Loache, Robert L., Atlanta, Ga., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic reclosing circuit breaker system. 2,154,669; Apr. 18.
De Loe, Edgar B. (See Towne, L. J., and De Loe.)
De Long, Berton H., and O. V. Greene, near Reading, assignor to The Carpenter Steel Company, Reading, Pa. Heat resisting alloy steel. 2,165,035; July 4.
De Long, Darrol F. (See Hailes, W. D., and De Long.)
De Long, Darrol F., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic control system for railroads. 2,170,129; Aug. 22.
De Long, Dwight M., Upper Arlington, assignor of one-half to T. T. Haack, Columbus, Ohio. Insect destroyer. 2,157,953; May 9.
De Long, Faust S., Richfield Springs, N. Y. Trolling plug. 2,176,250; Oct. 17.
De Long, Raleigh, assignor of one-fourth to Fohs Oil Company, Houston, Tex. Coring device. 2,173,531; Sept. 19.
De Long, Raleigh, assignor of one-fourth to Fohs Oil Company, Houston, Tex. Coring device. 2,173,532; Sept. 19.
De Long, Walter, Southgate, Calif. Welder handle. 2,163,486; June 20.
Delopitro, Alexander. (See Simkos, Samuel, assignor.)
Delorme, Jean, Aubiere, France, assignor to George Morrell Corporation, Muskegon, Mich. Apparatus for extruding varicolored plastics. 2,174,779; Oct. 3.
Delorme, Jean, Aubiere, France, assignor to George Morrell Corporation, Muskegon, Mich. Thermoplastic composition and making same. 2,180,626; Nov. 21.
Del Orsinee, Ricardo M., Chicago, Ill. Ashtray. 2,182,916; Dec. 12.
Delta Company, The. (See Tautz, Herbert E., assignor.)
Delta Electric Company. (See Wiley, Lee M., assignor.)
Delta Foundation Company. (See Dunlap, Weyman B., Jr., assignor.)
Deltox Rug Company. (See Schmiedel, William F., assignor.)
De Luxe Products Corporation. (See Hurn, James E., assignor.)
Del Valle, Guillermo A., Oaklyn, N. J., assignor to Radio Corporation of America. Motion picture camera. 2,169,229; Aug. 15.
Del Valle y Medina, Rafael. (See Benito y de la Rosa, Manuel, assignor.)
Delvaux, Jean L., Paris, France, assignor to General Electric Company. Control for a signaling system. 2,161,286; June 6.
Delves, Francis J. (See Hermsen, W., and Delves.)
De Madaler, Arthur, Bayport, and W. L. Woolf, Bayside, Long Island, N. Y., assignors to Film Recording Corporation. Recording head and process of recording. 2,173,051; Sept. 12.
De Manna, Nicholas, Brooklyn, assignor to R. Hoe & Co., Inc., New York, N. Y. Delivery mechanism. 2,172,364; Sept. 12.
Demarçay, Philippe C. L, par Migne, Vienne, France. Heating apparatus. 2,175,832; Oct. 10.
De Marco, Gennaro, Chicago, Ill. Clarinet. 2,171,624; Sept. 5.
De Marco, Louis, Cleveland, Ohio. Combined washing and rinsing machine. 2,161,022; June 6.
De Marco, Louis, Jr., assignor to Superior Felt & Bedding Company, Chicago, Ill. Collapsible carton. 2,180,104; Nov. 14.
Demarest, Millard, Hackensack, and K. Flynn, East Orange, N. J., assignors to Celluloid Corporation. Ink for transparent projection strips. 2,172,465; Sept. 12.
Demarest, Thomas W. (See Meyer, W. J., and Demarest.)
Demarest, Thomas W., Haverford, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Double deck sleeping car. 2,143,827; Jan. 10.

Demarest, Thomas W., Haverford, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Double deck freight car. 2,147,014; Feb. 14.
Demarest, Thomas W., Onley, Va., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Loading means for freight cars. 2,146,203; Feb. 7.
De Martile, Abramo, Crockett, Calif. Recording speedometer. 2,169,230; Aug. 15.
De Martini, Orestes, et al. (See Purkardhofer, G., and Battilana, assignors.)
De Mask, Martin J., Pittsfield, Mass. Barrier for bus ducts. 2,150,963; Mar. 21.
De Matteo, Joseph, San Francisco, Calif. Cellar lubricator. 2,156,377; May 2.
De Mattia, Barthold, Clifton, N. J. Tape stripping, measuring, and severing device. 2,145,506; Jan. 31.
De Mattia, Barthold, Clifton, N. J. Tape stripping, measuring, and severing device. 2,178,722; Nov. 7.
De Mattia, Peter, Clifton, N. J., assignor to H. M. Musser & Company, Incorporated, Lancaster, Pa. Ferrule for umbrellas and the like. 2,148,060; Feb. 21.
Demay, Peter P., Downers Grove, Ill. Winding machine. 2,161,459; June 6.
Demay, Peter P., Downers Grove, Ill. Reciprocating mechanism for winding machines. 2,161,460; June 6.
Demcak, Andrew, assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Examining table. 2,177,341; Oct. 24.
De Meester, Maurice, Detroit, Mich. Thorn-removing device. 2,167,337; July 25.
De Meester, Maurice, Detroit, Mich. Corsage clip. 2,173,011; Sept. 12.
Dement, W. I. (See Egger, Albert B., assignor.)
De Meuron, Guy, assignor to the firm of J. R. Geigy S. A., Basel, Switzerland. Mothproofing composition. 2,148,928; Feb. 28.
De Mey, René, and P. Havard, Brussels, Belgium. Mounting of axial flow fans and the like. 2,142,307; Jan. 3.
Deming, George M., East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Connection in metallic structures. 2,146,332; Feb. 7.
Deming, George M., East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Welded structure. 2,146,333; Feb. 7.
Deming, George M., East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Welding process. 2,182,796; Dec. 12.
Deming, George M., East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Double-acting check valve. 2,183,709; Dec. 19.
Deming, George M., East Orange, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Temperature compensation for gas meters. 2,183,710; Dec. 19.
Deming, Robert, Norwood, assignor to Deming Rotary Pump Company, Cincinnati, Ohio. Rotary pump. 2,149,337; Mar. 7.
Deming Rotary Pump Company. (See Deming, Robert, assignor.)
Deming, W. A. (See Miller, R. S., and Hansen, assignors.)
Demme, Ernst. (See Elöd, E., and Demme.)
Demmin, George E., Peoria, Ill. Apparatus for use in forming Pittsburgh joints. 2,159,784; May 23.
Demmitt, Harry. (See Schwarzenbach, C., and Demmitt.)
Demmon, Harvey, Sharon, Pa. Apparatus for circle shearing. 2,181,315; Nov. 28.
De Mooy, Eugene L., assignor to M. M. De Mooy, Cleveland, Ohio. Stoker. 2,158,223; May 16.
De Mooy, John, Shaker Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Plate fastening device. 2,159,655; May 23.
De Mooy, John, Shaker Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Rotary impact tool. 2,174,314; Sept. 26.
De Mooy, Marcella M. (See De Mooy, Eugene L., assignor.)
Demorest, Dana J. (See Nye, R. D., and Demorest.)
De Motte, Maurice P., Indianapolis, Ind., assignor to Oxweld Acetylene Company. Hydraulic back-pressure arrester. 2,161,700; June 6.
Dempsey, Albert J., San Antonio, Tex. Safety tree trimmer. 2,172,906; Sept. 12.
Dempsey, Michael J., and F. W. Reher, assignors to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Drawbench. 2,161,023; June 6.
Dempsey, Nelson W., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Metal forming lubricants and their use. 2,146,885; Feb. 14.
Dempsey, Philip W., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Polishing disk. 2,142,182; Jan. 3.
Dempsey, Philip W., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Moving stair roller. 2,145,343; Jan. 31.
Dempsey, Philip W., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Stud locking device. 2,177,452; Oct. 24.
Dempster, Alexander. (See Lederer, K. M., and Dempster.)
Dempster, George R., Knoxville, Tenn. Transporting and dumping vehicle. 2,150,821; Mar. 14.
Dempster, George R., Knoxville, Tenn. Transporting and dumping vehicle. 2,162,839; June 20.
Dempster, George R., Knoxville, Tenn. Transporting vehicle. 2,179,778; Nov. 14.
Dempster, George R., Knoxville, Tenn. Transporting and dumping vehicle. 2,179,779; Nov. 14.
De Murguiondo, Jose H., assignor of one-fourth to A. de Murguiondo Riggs, one-fourth to N. von der Heide, and one-fourth to E. von der Heide, Washington, D. C. Quick freezing ice tray. 2,162,162; June 13.
De Muth, Anthony M., et al. (See Rutherford, Marvin E., assignor.)
De Nault, Joseph M., New York, N. Y. Automobile jack. 2,169,913; Aug. 15.
Dence, Allen J., Binghamton, N. Y. Airplane motor. 2,173,012; Sept. 12.
Denegre, Charles, et al. (See Fulmer, F. P., and Hollingsworth, assignors.)
Dengler, Madison L., assignor to Wm. F. Muller, Inc., Robesonia, Pa. Full-fashioned stocking. 2,146,056; Feb. 7.
Denham, Robert B., Indianapolis, Ind. Intermolecular lubricant. 2,166,286; July 18.
Denhard, Roy. (See Hall, R. S., and Denhard.)
Den Ho, Sam, et al. (See Quintal, Manuel, assignor.)
De Niem, Günther. (See Wohlfarth, O., and de Niem.) 2,149,134; Feb. 28.
Denig, Fred. (See Black, J. B., and Denig.)
Denis, Marcel, Paris, France. Permanent waving.
Denison, Arthur C. (See Fuller, C. M., and Denison.)
Denison, Frederick S., W. E. Harrison, and E. M. Miller, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Switching mechanism. 2,159,503; May 23.
Denison, Frederick S., and C. G. Kronmiller, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control device. 2,161,248; June 6.
Denison, Frederick S., and A. E. Baak, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic reset mechanism. 2,173,801; Sept. 19.
Denison Tabbing Machine Corporation. (See Foy, Irving J., assignor.)
Deniston, Albert J., Jr. (See Tripp, Elbert D., assignor.)
Denkert, Henry, assignor to M. Denkert & Company, Johnstown, N. Y. Inflatable ball. 2,143,409; Jan. 10.
Denkert, M., & Company. (See Denkert, Henry, assignor.)
Denman, Earl W., Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fan. 2,144,483; Jan. 17.
Denman, Earl W., Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Induction motor punching. 2,172,191; Sept. 5.
Dennedy, James H., assignor to Sunbeam Electric Manufacturing Company, Evansville, Ind. Freezing tray release. 2,184,662; Dec. 26.
Denneen, Francis S., Cleveland, and W. C. Dunn, Shaker Heights, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Making hardened surface articles. 2,145,864; Feb. 7.
Denneen, Francis S., Cleveland, and W. C. Dunn, Shaker Heights, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Apparatus for hardening. 2,164,310; July 4.
Denneen, Francis S., Cleveland, and W. C. Dunn, Shaker Heights, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Apparatus for heat treating gears and the like. 2,167,798; Aug. 1.
Denneen, Francis S., Cleveland, and W. C. Dunn, Shaker Heights, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Method of and apparatus for hardening a metal article. 2,170,130; Aug. 22.
Denneen, Francis S., Cleveland, W. C. Dunn, Shaker Heights, and C. N. Mitchell, Berea, assignors to The Ohio Crankshaft Company, Cleveland, Ohio. Apparatus for heat treating. 2,180,038; Nov. 14.
Denney, Courtlandt F., Westfield, N. J., assignor to Foster Wheeler Corporation, New York, N. Y. Fluid heater. 2,162,941; June 20.
Denning, Paul S., assignor to F. E. Schundler & Co., Inc., Joliet, Ill. Manufacture of insulating slabs and the like. 2,175,715; Oct. 10.
Dennis, Edwin L., Reserve, La. Rotary gas burner. 2,177,245; Oct. 24.
Dennis, John E., Gardiner, N. Mex. Adjustable holder for goggles and the like. 2,155,258; Apr. 18.
Dennis, John R., Providence, R. I., assignor to International Braid Company. Lacing and tip therefor. 2,145,476; Jan. 31.
Dennis, M. L., Moran, Tex. Rod and tubing pulling machine. 2,153,793; Apr. 11.
Dennis, W. J., & Company. (See Kreuscher, George A., assignor.)
Dennis, Walter J., Chicago, assignor to Vascoloy-Ramet Corporation, North Chicago, Ill. Means and method of tube drawing. 2,173,099; Sept. 19.
Dennis, William A., Los Angeles, Calif. Tire tool. 2,148,111; Feb. 21.
Dennis, William C., and P. E. Haggerty, Milwaukee, Wis. Controlling device for printing press ductor rollers. 2,178,740; Nov. 7.
Dennison, Brook J., Aspinwall, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Making laminated safety glass. 2,156,680; May 2.

Dennison, Brook J. (See Sherts, J. H., and Dennison.)
Dennison, Edward S., New London, assignor to Electric Boat Company, Groton, Conn. Internal combustion engine. 2,171,783; Sept. 5.
Dennison Manufacturing Company. (See Anderson, Alvin G., assignor.)
Dennison Manufacturing Company. (See Asnes, Benjamin, assignor.)
Dennison Manufacturing Company. (See Flood, Carl A., assignor.)
Dennison Manufacturing Company. (See Kallander, Ernest L., assignor.)
Dennison, Orvie G., assignor of twenty one-hundreths to C. D. Thomas, twenty one-hundreths to J. C. Essary, twenty one-hundreths to L. W. Scott, and twenty one-hundreths to R. Dennison, Lextington, Tenn. Liquid dispenser. 2,179,588; Nov. 14.
Dennison, Roy, et al. (See Dennison, Orvie G., assignor.)
Dennler, George F., Juliaetta, assignor of one-half to C. M. Kerby, Moscow, Idaho. Agricultural implement. 2,177,871; Oct. 31.
Dennstedt, Ingofroh. (See Hagen, H., Dennstedt, and Becker.)
Denny, James J., and W. D. Robson, Schumacher, Ontario, Canada. Neutralizing the condition producing qualities of finely pulverized silicious materials. 2,156,378; May 2.
Denoix, Paul E. J., Paris, France, assignor to Sageb, Société Anonyme de Gestion et de Exploitation de Brevete, Fribourg, Switzerland. Percussion fuse for rocket-projectiles. 2,145,507; Jan. 31.
Denoix, Paul E. J., Paris, France, assignor to Sageb, Société Anonyme de Gestion et d'Exploitation de Brevets, Fribourg, Switzerland. Bladed projectile. 2,145,508; Jan. 31.
Denoix, Paul E. J., Paris, France, assignor to Sageb, Société Anonyme de Gestion et d'Exploitation de Brevets, Fribourg, Switzerland. Percussion fuse. 2,156,471; May 2.
Denoix, Paul E J., Paris, France, assignor to Sageb, Société Anonyme de Gestion et d'Exploitation de Brevets, Fribourg, Switzerland. Ordnance. 2,176,524; Oct. 17.
De Nol, Frank A., Cleveland, Ohio. Carbon contacts for a motion picture machine high intensity lamp. 2,182,489; Dec. 5.
De Nol, Frank A., Cleveland, Ohio. Negative carbon clamp or holder for high intensity motion picture machine. 2,182,490; Dec. 5.
Denominator Company, The. (See Van Veen, Anton, assignor.)
De Nooijer, Christiaan N. J. (See Huijser, H. W., and de Nooijer.)
Den Outer, Marius, Rijswijk, assignor to Naamlooze Vennootschap Velotype Systeem den Outer, Rotterdam, Netherlands. Keyboard for a shorthand or stenographic typewriting machine. 2,154,577; Apr. 18.
Denovan, Robert A., Asbestos, Quebec, Canada. Inclined vibrating screen. 2,176,376; Oct. 17.
Densham, Alec B., assignor to The Gas Light and Coke Company, Westminster, London, England. Catalytic ignition device for gas burners. 2,163,395; June 20.
Denslow, Roy R., Nutley, A. M. Erskine, Chatham, and S. C. Horning, Newark, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing pigment in organic vehicle compositions useful for making coating compositions. 2,153,515; Apr. 4.
Densmore, Samuel P., assignor of fifty per cent to M. E. Smith, Baltimore, Md. Evacuating economizer for clothes pressing machines. 2,158,617; May 16.
Dent, Charles E., London, England, assignor to Imperial Chemical Industries Limited. Heterocyclic compounds. 2,166,240; July 18.
Dent, Harry M., Buffalo, and A. J. Norton, assignors to General Plastics, Inc., North Tonawanda, N. Y. Molded product. 2,180,934; Nov. 21.
Dental Research Corporation. (See Erdle, Reiner W., assignor.)
Dentists' Supply Company, The. (See Burtenshaw, George H., assignor.)
Dentists' Supply Company of New York, The. (See Lease, Glen M., assignor.)
Dentists' Supply Company of New York, The. (See Martin, Archibald, assignor.)
Dentists' Supply Company of New York, The. (See Whittemore, Winthrop C., assignor.)
Dentler, Arnold E., Hinsdale, assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorber. 2,182,917; Dec. 12.
Denton, Geoffrey P., Broadhanger, Petersfield Hants, England, assignor to Rubatex Products, Inc., New York, N. Y. Producing expanded rubber material. Re. 21,245; Oct. 24.
Denton, Ralph M., et al. (See King, Clyde H., assignor.)
Denton, Walter, Jr. (See Denton, Walter R., assignor.)
Denton, Walter R., assignor of one-half to W. Denton, Jr., Baldwin, N. Y. Pruning implement. 2,150,268; Mar. 14
Denver Fire Clay Company, The. (See Gawan, Frank, assignor.)
Denver Fire Clay Company, The. (See Lewis, Robert, assignor.)
Denzer, Ludwig, Hamburg, Germany. Type lever pad attachment for typewriting machines. 2,176,123; Oct. 17.
De Orlow, Stephen, Detroit, Mich. Bumper guard. 2,146,801; Feb. 14.
De Orlow, Stephen, Detroit, Mich. Hinge and prop structure. 2,154,733; Apr. 18.
De Peugh, Theodore R. (See Sweet, J. E., De Peugh, and Parish.)
De Pew, Chester C. (See Chilton, A., De Pew, and Chilton.)
Depew, Charles, Oakland, N. J., and V. L. Ronci, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,148,538; Feb. 28.
Depew, Harlan A., Columbus, Ohio, assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Treating zinc oxide. 2,153,687; Apr. 11.
De Pfyffer, Albert, Los Angeles, Calif. Structural unit. 2,167,370; July 25.
De Port, Théophile, New Carlisle, Ohio. Rigging an airplane. 2,147,638; Feb. 21.
De Port, Theophile, New Carlisle, Ohio. Land speed measuring instrument. 2,148,444; Feb. 28.
De Porter, Charles W., Dayton, Ohio. Attachment for automobiles. 2,170,552; Aug. 22.
De Pree, Lee. (See Collings, W. R., and De Pree.)
De Pree, Lee. (See Collings, W. R., De Pree, and Weymouth.)
De Puy, Charles T., assignor to Trimble Nurseryland Furniture, Inc., Rochester, N. Y. Infant's combination bathtub and dressing table. 2,146,174; Feb. 7.
Derby, Elmer R. (See Esselen, G. J., and Derby.)
Derby, John H., Scarsdale, N. Y. Thermally controlled automatic door closer. 2,177,059; Oct. 24.
Derby, Norman L., Philadelphia, Pa. Tapered thermostatic element. 2,144,915; Jan. 24.
Derby, Roland E., Tyngsboro, assignor to M. T. Stevens & Sons Co., North Andover, Mass. Method and apparatus for continuously removing oleaginous and foreign substances from webs of fibrous material. 2,176,705; Oct. 17.
Derby, Roland E., Tyngsboro, assignor to M. T. Stevens & Sons Co., North Andover, Mass. Preparing cloth for fulling. 2,176,706; Oct. 17.
Derbyshire, William B., Philadelphia, Pa. Shoe polishing device. 2,166,521; July 18.
De Reamer, Frank C., Bridgeport, Conn., assignor to General Electric Company. Lamp socket. 2,145,787; Jan. 31.
De Reamer, Frank C., Bridgeport, Conn., assignor to General Electric Company. Lamp holder for refrigerators or the like. 2,152,468; Mar. 28.
De Reamer, Frank C., Bridgeport, Conn., assignor to General Electric Company. Electric switch. 2,153,367; Apr. 4.
De Reamer, Frank C., Bridgeport, Conn., assignor to General Electric Company. Lamp socket. 2,153,368; Apr. 4.
De Reamer, Frank C., Bridgeport, Conn., assignor to General Electric Company. Electric switch. 2,153,369; Apr. 4.
De Reamer, Frank C., Bridgeport, Conn., assignor to General Electric Company. Lamp socket. 2,155,240; Apr. 18.
De Reamer, Frank C., Bridgeport, Conn., assignor to General Electric Company. Momentary contact push switch. 2,166,803; July 18.
De Reamer, Frank C., Bridgeport, Conn., assignor to General Electric Company. Lamp socket. 2,169,091; Aug. 8.
De Reamer, Frank C., Bridgeport, Conn., assignor to General Electric Company. Lamp holder. 2,175,883; Oct. 10.
Deremer, Floyd E. (See Visser, G. A., Deremer, and Sprott.)
Deremer, Floyd E., Detroit, Mich. Silencer. 2,147,015; Feb. 14.
Deremer, Floyd E., Detroit, Mich. Silencer. 2,151,084; Mar. 21.
De Remer, Jay G., Darien, and G. W. Dunham, Westport, Conn., assignors to J. G. De Remer Research Corporation. Gyratory compressor. 2,158,109; May 16.
De Remer, J. G., Research Corporation. (See De Remer, J. G., and Dunham, assignors.)
Deren, Pincus. (See Birdseye, C., and Deren.)
Deren, Pincus. (See Fink, C. G., and Deren.)
De Right, Elon J., Kansas City, and M. T. Tipsord, assignors to James R. Kearney Corporation, St. Louis, Mo. Wire tong support. 2,179,251; Nov. 7.
Derks, Ethel C., Ryderwood, Wash. Scouring apparatus. 2,166,343; July 18.
Derleth, Clark, assignor to Kusel Dairy Equipment Co., Watertown, Wis. Cheese vat. 2,166,753; July 18.
Derman, Harry, Laurelton, Long Island, N. Y. Luggage. 2,163,116; June 20.
Derman, Harry, Laurelton, Long Island, N. Y. Cabinet. 2,172,956; Sept. 12.
De Rohden, Charles, Neuilly-sur-Seine, France. Preparation of magnesium by the electrolysis of its fused chloride. 2,162,942; June 20.
De Ropp, Harald W., Charleston, W. Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ester interchange with organic acids. 2,162,451; June 13.
De Rose, Alfred F., Bridgeport, Conn. Ruffling attachment for sewing machines. 2,161,410; June 6.

De Rose, John P., Oakland, Calif. Adjustable seat. 2,179,085; Nov. 7.
De Rougé, Charles R. A. M., Mercues, France, assignor to Pollopas Patents Limited, London, England. Airplane. 2,160,455; May 30.
Dersch, Fritz H., assignor to Agfa Ansco Corporation, Binghamton, N. Y. Dry hypersensitizing of photographic emulsions. 2,146,802; Feb. 14.
Dersen, Heinrich, assignor to Maschinenfabrik Carl Zangs A.-G. (Herm. Schroers Nachfl.), Krefeld, Germany. Device for conducting the thread in winding machines. 2,156,472; May 2.
De Rusha, William W., St. Paul, and L. L. Gish, Minneapolis, Minn. Shoe heel nailer. 2,183,789; Dec. 19.
Derveaux, Harry V., Miami Beach, Fla. Adjustable and controllable ventilator means. 2,165,351; July 11.
Derwing, Charles J., Albany, N. Y. Ice creeper. 2,183,988; Dec. 19.
Desagnat, Gaston, Paris, France. Decorative wall covering. Re. 21,285; Dec. 5.
De Sakhnoffsky, Alexis, Philadelphia, Pa., assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Velocipede construction. 2,154,472; Apr. 18.
De Salardi, Albert B., Wilkinsburg, assignor, by mesne assignments, of one-half to W. E. Volkwein, Pittsburgh, Pa. Torque limiting device. 2,164,870; July 4.
De Sanno, Albert P., Jr., Philadelphia, Pa. Chair. 2,150,429; Mar. 14.
De Saussure Equipment Company. (See De Saussure, William P., Jr., assignor.)
De Saussure, James P., et al. (See De Saussure, William P., Jr., assignor.)
De Saussure, William P., Jr., Englewood, assignor to W. P. De Saussure, Jr., and J. P. De Saussure, copartners, doing business as De Saussure Equipment Company, West New York, N. J. Folding table. 2,150,878; Mar. 14.
Desautels, Armand J., and L. L. Levesque, Nashua, N. H. Air treating device. 2,183,766; Dec. 19.
Desch, Joseph R., Dayton, Ohio, assignor to Commonwealth Engineering Corporation, Wilmington, Del. Measuring instrument. 2,177,133; Oct. 24.
Deschere, Harvey, New York, assignor to J. B. Beaty, Rye, N. Y. Illumination. 2,163,272; June 20.
Deschere, Harvey, New York, assignor to J. B. Beaty, Rye, N. Y. Illumination. 2,163,273; June 20.
De Schrevel, Wilhelm A. K., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electric resistance. 2,149,841; Mar. 7.
Deserno, Peter, and M. Messner, Berlin, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Television apparatus. 2,164,906; July 4.
De Seversky, Alexander P., New York, N. Y., assignor, by mesne assignments, to Seversky Aircraft Corporation. Landing gear for aircraft. Re. 21,120; June 20.
De Seversky, Alexander P., Northport, N. Y., assignor to Seversky Aircraft Corporation. Aircraft structure. 2,165,459; July 11.
De Seversky, Alexander P., Northport, N. Y., assignor to Seversky Aircraft Corporation. Aircraft structure. 2,173,273; Sept. 19.
De Seversky, Alexander P., Northport, N. Y., assignor to Seversky Aircraft Corporation. Aircraft structure. 2,180,462; Nov. 21.
De Silvestro, Salvatore, New York, N. Y. Combined cigarette lighter and case. 2,165,998; July 11.
De Simó, Martin, Piedmont, and A. P. Brady, Oakland, assignors to Shell Development Company, San Francisco, Calif. Desulphurization of alkyl phenols. 2,168,256; Aug. 1.
De Simó, Martin, and S. H. McAllister, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Treating halogenated ketones. 2,156,721; May 2.
Desing, Arthur J., Buffalo, N. Y., assignor to Curtiss-Wright Corporation. Adjustable length lever. 2,165,460; July 11.
Deskor Chair Sales Corporation. (See Rich, Willis D., assignor.)
Desmarais, Hormidas, assignor of one-half to M. Nault, Manville, R. I. Loom harness stop motion. 2,142,498; Jan. 3.
De Smet, Edgard C. (See Johnson, P. C., and De Smet.)
De Smith, Henry, assignor to M. D. Knowlton Company, Rochester, N. Y. Spiral tube winding machine. 2,160,759; May 30.
Desmond, Jeremiah J., assignor of one-half to J. R. Grove, Washington, D. C. Boiler sheet and tube connection and making same. 2,166,890; July 18.
Desormeaux, Frank, Forest Park, Ill. Electrode mount. 2,151,194; Mar. 21.
Desormeaux, Frank C., Forest Park, Ill. Adjustable electrode mount. 2,169,723; Aug. 15.
Desoutter, Charles, London, England. Portable electric tool. 2,174,936; Oct. 3.
De Spain, Thomas H., assignor to Southern Textile Machinery Company, Paducah, Ky. Sewing machine. 2,150,494; Mar. 14.
De Spain, Thomas H., assignor to Southern Textile Machinery Company, Paducah, Ky. Sewing mechanism. 2,159,688; May 23.
De Spain, Thomas H., assignor to Southern Textile Machinery Company, Paducah, Ky. Sewing mechanism. 2,167,104; July 25.
Despatch Shops, Inc. (See Steuber, George A., assignor.)
Despatch Shops, Inc. (See West, L. S., Steuber, and Powers, assignors.)
Desper, Thomas H., Keswick, Va. Pail. 2,172,789; Sept. 12.
De Spirt, Giles, Toronto, Ontario, Canada. Floor surfacing machine. 2,171,060; Aug. 29.
Despret, Georges P., Paris, France, assignor to The American Securit Company, Washington, D. C. Apparatus for suspending glass plates. 2,156,011; Apr. 25.
Despret, Georges P., Paris, France, assignor, by mesne assignments, to The American Securit Company. Process and apparatus for the hardening of glass. 2,167,294; July 25.
Desroche, Gladys M. (See Desroche, Numa J., assignor.)
Desroche, Numa J., assignor to G. M. Desroche, Reserve, La. Water closet flushing apparatus. 2,164,503; July 4.
Des Roches, Donald W., Toronto, Ontario, Canada. Closure for containers. 2,147,768; Feb. 21.
Des Roches, Philip W., Detroit, Mich. Refrigerating unit. 2,161,667; June 6.
Des Roches, Philip W., Detroit, Mich. Electric refrigerating compressor. 2,167,879; Aug. 1.
Desrosiers, Lionel, Lachute Mills, Quebec, Canada, assignor to Whitin Machine Works, Whitinsville, Mass. Builder mechanism for spinning frames. 2,179,324; Nov. 7.
Dessauer, Friedrich, Istanbul-Macka, Turkey. Arrangement for the execution of deep X-ray therapy. 2,145,686; Jan. 31.
Dessauer, Friedrich, and K. Lion, Istanbul, Turkey. Switch or control arrangement for operating X-ray apparatus. 2,181,775; Nov. 28.
Dessèvre, Jean, L. Durepaire, and B. Quanquin, Paris, France. Preparation of potassium nitrate. 2,157,260; May 9.
Dessureau, Joseph T. (See Flanders, A. M., and Dessureaus.)
De Steffan, Nicholas, Syracuse, N. Y. Beverage dispensing system. 2,150,673; Mar. 14.
De Stramp, Louise. (See Hinton, Ora A., assignor.)
De Stubner, Emile C., Charleston, W. Va. Alcohol Repellent compositions and manufacture thereof. Re. 20,997; Feb. 7.
De Stubner, Emile C., Charleston, W. Va. Dispersion apparatus. 2,148,608; Feb. 28.
De Stubner, Emile C., Charleston, W. Va. Converting nonaqueous pulps. 2,149,281; Mar. 7.
De Stubner, Emile C., Charleston, W. Va. Manufacture of paint. 2,149,282; Mar. 7.
De Stubner, Emile C., Charleston, W. Va. Treating resinous bodies. 2,161,803; June 13.
De Stubner, Emile C., New York, N. Y. Processing finely divided solids. Re. 21,032; Mar. 21.
Det norske Aktieselskab for Electrokemisk. (See Légeron, Jean L., assignor.)
Det norske Aktieselskab for Electrokemish Industri. (See Sem, Mathias O., assignor.)
Det norske Aktieselskab for Elektrokemisk Industri. (See Wiberg, Frans M., assignor.)
De Tamble, Richard, et al. (See Miller, William H., assignor.)
De Tar, Donald R., Stratford, Conn., assignor to General Electric Company. Program device. 2,177,479; Oct. 24.
De Tartas, Augustus R., Flushing, N. Y. Motion picture projector. 2,143,867; Jan. 17.
Detracolar, Ltd. (See Allison, Donald K., assignor.)
Detrick, M. H., Company. (See Pollen, Charles F., assignor.)
Detrick, Stanley R. (See Dahlen, M. A., and Detrick.)
Detrick, Stanley R., Gordon Heights, Wilmington, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of copper phthalocyanine. 2,160,837; June 6.
Detroit Aluminum & Brass Corporation. (See Strickland, Randolph L., assignor.)
Detroit Duo-Grip Brake Corporation. (See Rosenberg, Ralph H., assignor.)
Detroit Edison Company, The. (See Matthews, George A., assignor.)
Detroit Gasket & Manufacturing Company. (See Balfe, George T., assignor.)
Detroit Gasket and Manufacturing Company. (See Lefevre, Emil B., assignor.)
Detroit Harvester Company. (See Floraday, Burton S., assignor.)
Detroit Harvester Company. (See Kost, Harold W., assignor.)
Detroit Harvester Company. (See Nicholson, Stanley W., assignor.)
Detroit Harvester Company. (See Wagner, Robert W., assignor.)
Detroit Hydrostatic Brake Corporation. (See Sauzedde, Claude, assignor.)
Detroit Lubricator Company. (See Campbell, Richard L., assignor.)
Detroit Lubricator Company. (See Dillman, Earnest J., assignor.)
Detroit Lubricator Company. (See Dillman, E. J., and Wile, assignors.)
Detroit Lubricator Company. (See Duffield, George B., assignor.)
Detroit Lubricator Company. (See Eggleston, Gilbert K., assignor.)

Detroit Lubricator Company. (See Eggleston, Lewis W., assignor.)
Detroit Lubricator Company. (See Foulds, Andrew K., assignor.)
Detroit Lubricator Company. (See Hann, A. G., and Russel, assignors.)
Detroit Lubricator Company. (See Landon, Walter S., assignor.)
Detroit Lubricator Company. (See Milbank, Elmer F., assignor.)
Detroit Lubricator Company. (See Russel, Philip S., assignor.)
Detroit Lubricator Company. (See Stoll, Frank A., assignor.)
Detroit Lubricator Company. (See von Wangenheim, Adolf, assignor.)
Detroit Lubricator Company. (See von Wangenheim, A., and Landon, assignors.)
Detroit Lubricator Company. (See Wile, Daniel D., assignor.)
Detroit Macoid Corporation. (See Haines, John R., assignor.)
Detroit Macoid Corporation. (See Hendrie, George S., assignor.)
Detroit Moulding Corporation. (See Shaw, Charles P., assignor.)
Detroit Steel Products Company. (See Kelly, Clyde W., assignor.)
Detroit Steel Products Company. (See Randall, W. C., and Kelly, assignors.)
Detroit Steel Products Company. (See Reynaud, Samuel C., assignor.)
Detroit Stoker Company. (See Beers, Royce L., assignor.)
Detroit Trust Company et al., executors. (See Trabold, Frank W.)
Dettwyler, William, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the anthraquinone series. 2,151,635; Mar. 21.
Dettwyler, William. (See Rintelman, W. L., and Dettwyler.)
Dettwyler, William, Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the anthraquinone series. 2,165,618; July 11.
De Turk, Lewis L. (See Heffner, H. F., and De Turk.)
Detwiler, Angus E., Miami, Fla. Shelf. 2,170,013; Aug. 22.
Deubel, Carl G., assignor to Progressive Service Company, Harrisburg, Pa. Making dies. 2,167,880; Aug. 1.
Deubel, Joseph, Garfield, assignor of thirty one-hundredths to C. P. Hebenstreit, Clifton, N. J. Rotary pumping apparatus. 2,142,867; Jan. 3.
Deuches, Joseph, Memphis, Tenn. Electric radiator. 2,153,078; Apr. 4.
Deutsch, Fritz A., Berlin, Germany. Fluid retarding or braking device. 2,182,016; Dec. 5.
Deutsch, Hans. (See Herrmann, W. O., Deutsch, and von Zychlinski.)
Deutsch, Hans, assignor to the firm of Alex. Friedmann, Vienna, Austria. Injector. 2,146,335; Feb. 7.
Deutsch, Leopold, Girard, Ohio. Traveler's protection order. 2,163,777; June 27.
Deutsch, Walther. (See Hoss, F. W., and Deutsch.)
Deutsche Celluloid-Fabrik. (See Hauffe, Otto, assignor.)
Deutsche Celluloid Fabrik. (See Weihe, Adolf, assignor.)
Deutsche Edelstahlwerke Aktiengesellschaft. (See Riedrich, Gerhard, assignor.)
Deutsche Edelstahlwerke Aktiengesellschaft. (See Schustek, R., and Pakulla, assignors.)
Deutsche Eisenwerke Aktiengesellschaft. (See Lauer, Karl, assignor.)
Deutsche Eisenwerke Aktiengesellschaft. (See Wilberz, Johannes, assignor.)
Deutsche Erdol-Aktiengesellschaft. (See Schick, Friedrich, assignor.)
Deutsch Gold- und Silber-Scheideanstalt. (See von Retze, Ewald, assignor.)
Deutsche Gold und Silber Scheideanstalt vormals Roessler. (See Baier, Hermann, assignor.)
Deutsche Gold und Silber Scheideanstalt vormals Roessler. (See Ehrhart, Oskar, assignor.)
Deutsche Gold und Silber Scheide-Anstalt, vormals Roessler. (See Freudenberg, Herman, assignor.)
Deutsche Gold und Silber Scheideanstalt vormals Roessler. (See Jaeger, Gustav, assignor.)
Deutsche Gold- und Silber-Scheide-Anstalt vormals Roessler. (See Jaeger, G., and Diehl, assignors.)
Deutsche Gold- und Silber-Scheideanstalt, vormals Roessler. (See Jaeger, G., and Wille, assignors.)
Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. (See Nagel, Kurt, assignor.)
Deutsche Gold- und Silber-Scheideanstalt, vormals Roessler. (See Reichert, Theophil, assignor.)
Deutsche Gold und Silber Scheideanstalt vormals Roessler. (See Thilenius, Rudolf, assignor.)
Deutsche Gold und Silber Scheideanstalt vormals Roessler. (See Truthe, Wilhelm, assignor.)
Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. (See Völkel, Walter, assignor.)
Deutsche Gold-und Silber Scheideanstalt, vormals Roessler. (See Von Retze, E. and Flügge, assignors.)
Deutsche Gold und Silber Scheide-Anstalt, vormals Roessler. (See Weiss, Ludwig, assignor.)
Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. (See Werner, Karl, assignor.)
Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. (See Wille, A., and Jaeger, assignors.)
Deutsche Gold und Silber Scheideanstalt vormals Roessler. (See Wille, A., Albrecht, and Bonath, assignors.)
Deutsche Gold- und Silber Scheideanstalt, vormals Roessler. (See Zander, Wilhelm, assignor.)
Deutsche Hollerith Maschinen G. m. b. H. (See Keil, Hermann, assignor.)
Deutsche Hollerith Maschinen G. m. b. H. (See Maul, Michael, assignor.)
Deutsche Hydrierwerke Aktiengesellschaft. (See Eggert, J., and Gellendien, assignors.)
Deutsche Hydrierwerke Aktiengsellschaft. (See Goll, G., and Helft, assignors.)
Deutsche Hydrierwerke Aktiengesellschaft. (See Hennig, Karl, assignor.)
Deutsche Hydrierwerke Aktiengesellschaft. (See Schrauth, Walther, assignor.)
Deutsche Hydrierwerke Aktiengesellschaft. (See Schrauth, W., and Stickdorn, assignors.)
Deutsche Hydrierwerke Aktiengesellschaft. (See Stickdorn, Kurt, assignor.)
Deutsche Hydrierwerke Aktiengesellschaft. (See Stickdorn, K., and Hueter, assignors.)
Deutsche Röhrenwerke Aktiengesellschaft. (See Keulers, Jakob, assignor.)
Deutsche Telephonwerke und Kabelindustrie Aktiengesellschaft. (See Hamann, Christel, assignor.)
Deutsche Waffen- und Munitionsfabricken, Aktiengesellschaft. (See Scholz, Erich, assignor.)
Deutsches Reich, Reichsmonopolverwaltung für Branntwein. (See Karsch, Walter, assignor.)
Deutschland, Georg. (See Dzialoschinsky, V., and Deutschland.)
Deutschmann, Arnold, Boston, assignor to Tobe Deutschmann Corporation, Canton, Mass. Electrical condenser. 2,183,550; Dec. 19.
Deutschmann, Arnold, Brookline, assignor to Tobe Deutschmann Corporation, Canton, Mass. Electrolytic condenser. 2,184,686; Dec. 26.
Deutschmann, Tobe, Corporation. (See Deutschmann, Arnold, assignor.)
Devall, James W., Montgomery, Ala. Tie holder. 2,180,224; Nov. 14.
Devary, Frank, and M. Wise, Rockwell, Iowa. Watering device. 2,154,152; Apr. 11.
Devaux, Lucien, and R. A. Higonnet, Paris, France, assignors to International Standard Electric Corporation. Apparatus for the measurement of radiating energy such as exposure meters. 2,151,901; Mar. 28.
Devaux, Paul, Maromme, France. Drafting mechanism. 2,178,627; Nov. 7.
De Vellier, William, Newark, N. J. Drive spike. 2,169,408; Aug. 15.
Dever, Henry F. (See Miller, L. B., and Dever.)
Deverall, Charles N., Buffalo, assignor to Niagara Blower Company, New York, N. Y. Multiple tube coil unit. 2,163,591; June 27.
Deverall, Charles N., Buffalo, assignor to Niagara Blower Company, New York, N. Y. Evaporative cooler. 2,166,397; July 18.
Deverell, Frederick W. E., assignor to Spiral Locks, Limited, Wellington, Wellington, New Zealand. Latch. 2,171,174; Aug. 29.
Devereaux, William C., Detroit, Mich. Latch mechanism. 2,183,672; Dec. 19.
Devey, John, Jr., Monterey Park, assignor of one-sixth to H. W. Hunt and one-sixth to W. W. Hunt, El Centro, Calif. Combine beet harvester. 2,166,626; July 18.
De Vilbiss Company, The. (See Buzzard, G. H., and Roselund, assignors.)
De Vilbiss Company, The. (See Lambert, H. C., and Garnsey, assignors.)
Devine, J. P., Manufacturing Co. (See Murphy, Frank R., assignor.)
Devine, James H., Ste. Genevieve, assignor to Dev-Insular Company, St. Louis, Mo. Lunch box. 2,147,886; Feb. 21.
Devine, James H., Ste. Genevieve, Mo., assignor, by mesne assignments, to Dev-Insular Company. Lunch box. 2,184,336; Dec. 26.
Devine, John J., Middletown, Conn. Writing instrument. 2,184,585; Dec. 26.
Dev-Insular Company. (See Devine, James H., assignor.)
De Vivo, Robert, Brooklyn, N. Y. Time controlled switching system. 2,149,424; Mar. 7.
De Voe, Adaline R., Ridgewood, N. J. Bedsheet. 2,151,375; Mar. 21.
Devoe, Albert H., Westfield, N. J., assignor to Talon, Inc. Sewing machine. 2,151,346; Mar. 21.
De Voe, Albert H., Livingston Manor, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Looper mechanism for sewing machines. 2,160,355; May 30.
De Voe, Albert H., Livingston Manor, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,161,140; June 6.
De Voe, Albert H., Livingston Manor, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Presser mechanism for sewing machines. 2,161,141; June 6.

De Voe, Albert H., Livingston Manor, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine needle-actuating mechanism. 2,161,142; June 6.
De Voe, Albert H., Livingston Manor, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread-controlling mechanism for sewing machines. 2,173,320; Sept. 19.
De Voe, Albert H., Livingston Manor, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Seam for sewed articles. 2,176,836; Oct. 17.
De Voe, Albert H., Livingston Manor, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine feeding mechanism. 2,179,924; Nov. 14.
De Voe, George E., Grand Rapids, and V. E. Mark, assignors to Winters & Crampton Corporation, Grandville, Mich. Stove handle. 2,151,195; Mar. 21.
Devol, Lee, Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,160,649; May 30.
Devor, William R. (See Kepfer, R. J., and Devor.)
Devonald, Ira R. (See Helms, J. C., and Devonald.)
De Vout, Anson W., La Grange, assignor to Industrial Patents Corporation, Chicago, Ill. Humidity control. 2,163,907; June 27.
De Vriendt, Charles, and H. E. A. Borzer, Boulogne-Billancourt, France, assignors to Western Electric Company, Incorporated, New York, N. Y. Centralized information service. 2,155,933; Apr. 25.
De Vries, Abraham, Amsterdam, Netherlands. Stay for windows or similar closures. 2,164,732; July 4.
De Vries, Abraham, St. Anne, Ill. Bulb digging machine. 2,168,966; Aug. 8.
De Vries, Gerrit. (See van der Mark, J., and de Vries.)
De Vries, Gerrit, and C. G. A. von Lindern, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Oscillator and frequency changer. 2,168,295; Aug. 1.
De Vries, Gerrit, and C. G. A. von Lindern, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Microwave oscillator and associated circuit. 2,168,296; Aug. 1.
Dewan, Leon, et al. (See Wren, J. R., and Bartho, assignors.)
Dewan, Leon, assignor of fifty per cent to G. H. Callaghan, New York, N. Y. Method of and apparatus for recording and reproducing of sound. 2,165,236; July 11.
Dewan, Leon, assignor of fifty per cent to G. H. Callaghan, New York, N. Y. Transmission mechanism. 2,167,641; Aug. 1.
Dewan, Leon, assignor of fifty per cent to G. H. Callaghan, New York, N. Y. Method and apparatus for printing sound film. 2,167,642; Aug. 1.
Dewan, Leon, and J. Bartho, New York, N. Y., assignors, by mesne assignments, of sixteen per cent to L. Dewan, fifteen per cent to J. Bartho, fifteen per cent to J. R. Wren, seventeen and one-half per cent to F. Conlan, fifteen per cent to H. C. Roemer, five per cent to H. E. Smith, four per cent to J. J. O'Brien, and twelve and one-half per cent to J. H. Wren, stockholders of Lucky Brakes, Inc. Skate. 2,148,417; Feb. 21.
Dewandre, Albert, Brussels, assignor to Servo-Frein Dewandre Société Anonyme, Liege, Belgium. Pneumatic control apparatus. 2,159,879; May 23.
D'Ewart, Benjamin B. (See Morse, L. G., and D'Ewart.)
Dewas, Raymond, Amiens, France. Needle weaving loom. 2,151,085; Mar. 21.
Dewberry, William L., Dallas, Tex. Bottle wrapper and roller. 2,179,780; Nov. 14.
Dewees, R. L. (See Dunnam, F. E., and Schmidt, assignors.)
Dewey and Almy Chemical Company. (See Hauser, Ernst A., assignor.)
Dewey and Almy Chemical Company. (See McGowan, William I., assignor.)
Dewey and Almy Chemical Company. (See Neiley, Stephen B., assignor.)
Dewey, Charles S. (See Meuser, L., and Dewey.)
Dewey, Clarence L. and S. L., assignors to Metal Tube Shaping Corporation, Elkhart, Ind. Machine for configuring tubes. 2,162,327; June 13.
Dewey, Clarence L. and S. L., assignors to Metal Tube Shaping Corporation, Elkhart, Ind. Forming tool for tube forming machines. 2,162,328; June 13.
Dewey, David B., Pasadena, Calif. Self-contained auto cooling unit. 2,184,833; Dec. 26.
Dewey, John J. (See Douglas, G. W., and Dewey.)
Dewey, Haywood G., assignor to Eastman Kodak Company, Rochester, N. Y. Forming die for shaping tubes. 2,158,176; May 16.
Dewey Portland Cement Company. (See Tyler, W. E., Chamberlain, and Loveland, assignors.)
Dewey, Ritchie P., assignor, by mesne assignments, to Barber-Colman Company, Rockford, Ill. Control for air conditioning systems. 2,147,639; Feb. 21.
Dewey, Ritchie P., assignor, by mesne assignments, to Barber-Colman Company, Rockford, Ill. Control for heating systems. 2,155,642; Apr. 25.
Dewey, Sydney L. (See Dewey, Clarence L. and S. L.)
Dewhirst, Harry, and E. Meyer, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Sealing strip. 2,156,681; May 2.
Dewhurst, Frank, assignor to Baker Perkins Limited, Peterborough, England. Laundry machine. 2,180,225; Nov. 14.
Dewhurst, John, Lawrence, Mass. Loom binder. 2,153,662; Apr. 11.
Dewhurst, Maurice R., Earlswood, England, assignor to Lanston Monotype Machine Company, Philadelphia, Pa. Production of machine-set type composition. 2,159,473; May 23.
De Witt, Donald S., assignor to Holt Hardwood Company, Oconto, Wis. Parquetry flooring block. 2,143,764; Jan. 10.
De Witt, Francis, assignor to Pervel Corporation, New York, N. Y. Treating paper. 2,183,711; Dec. 19.
De Witt, Harold, Pasadena, and F. Wilburn, Prescott, Ariz. Electrical adapter. 2,179,118; Nov. 7.
De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Shoe form. 2,142,240; Jan. 3.
De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Hosiery form. 2,145,921; Feb. 7.
De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Hosiery form support. 2,145,922; Feb. 7.
De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Toe form. 2,148,539; Feb. 28.
De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Shoe form. 2,153,794; Apr. 11.
De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Machine for operating upon sheet material. 2,172,502; Sept. 12.
De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Shoe form. 2,173,933; Sept. 26.
De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Shoe form. 2,173,934; Sept. 26.
De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Hollow article. 2,180,402; Nov. 21.
De Wouters d'Oplinter, Jean G. M. J., Brussels, Belgium. Dual control device for aircraft. 2,166,241; July 18.
Dews, Joseph W., Waterbury, Conn., assignor to Scovill Manufacturing Company. Snap fastener stud. 2,164,053; June 27.
Dexdale Hosiery Mills. (See Berger, Emil J., assignor.)
Dexdale Hosiery Mills. (See Berger, E. J., and Matthews, assignors.)
Dexheimer, Peter D., Mount Penn, Pa., assignor to The Glidden Company, Cleveland, Ohio. Decalcomania adhesive. 2,143,868; Jan. 17.
Dexter Company, The. (See Blough, Ronald S., assignor.)
Dexter Folder Company. (See Baker, Leonard, assignor.)
Dexter Folder Company. (See Baker, L., Martin, and Williams, assignors.)
Dexter Folder Company. (See Cernak, Paul, assignor.)
Dexter Folder Company. (See Goodwin, Edwin W., assignor.)
Dexter Folder Company. (See Gümbel, Heinrich, assignor.)
Dexter Folder Company. (See Hallstream, Henning, assignor.)
Dexter Folder Company. (See Kast, Edward R., assignor.)
Dey, George E., assignor to W. B. Jarvis Company, Grand Rapids, Mich. Door handle construction. 2,148,191; Feb. 21.
Dey, Le Roy H., and R. L. Pioso, assignors to L. H. Dey and R. L. Pioso, Chicago, Ill., as joint trustees. Sign. 2,142,633; Jan. 3.
Dey, Le Roy H., Chicago, Ill. Changeable sign. 2,169,409; Aug. 15.
De Ybarrondo, Vincent C., assignor to Patco, Inc., Los Angeles, Calif. Simultaneously producing two or more totally different pictures from one film strip. 2,142,183; Jan. 3.
De Ybarrondo, Vincent C., assignor to Patco, Inc., Los Angeles, Calif. Movable motion picture screen and appurtenances thereto. 2,150,543; Mar. 14.
Dezendorf, Edwin M., Austin, Tex. Road or street marker. 2,178,164; Oct. 31.
D'Heedene, Albert R., Lynbrook, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High frequency transmission system. 2,163,750; June 27.
D'Humy, Fernand E., Scarsdale, N. Y., and L. W. Franklin, Hasbrouck Heights, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph system. 2,154,441; Apr. 18.
D'Humy, Fernand E., Scarsdale, N. Y., and L. W. Franklin, Delawanna, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph system. 2,176,065; Oct. 17.
Dial, Curtis H. (See Byrkett, H. E., and Dial.)
Dials, Crayton J., Oakland, Calif. Door lock. 2,176,297; Oct. 17.
Diamond Alkali Company. (See McDaniel, George R., assignor.)
Diamond Braiding Mills. (See Berolzheimer, Clarence P., assignor.)
Diamond, David, Brooklyn, N. Y. Matrix transfer. 2,159,075; May 23.
Diamond, David, Philadelphia, Pa. Cigarette package. 2,175,430; Oct. 10.
Diamond Expansion Bolt Company. (See Karitzky, John, assignor.)
Diamond Expansion Bolt Co. Inc. (See Pleister, Henry W., assignor.)

Diamond, Harry, Washington, D. C., assignor to the Government of the United States, represented by the Secretary of Commerce. Directive antenna system. 2,172,365; Sept. 12.
Diamond, Harry, assignor to The Government of the United States as represented by the Secretary of Commerce. Blind landing of aircraft. 2,179,499; Nov. 14.
Diamond, Hymen, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Gas-filled tube in which the current is limited. 2,162,478; June 13.
Diamond, Hymen, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High speed welding. 2,179,284; Nov. 7.
Diamond Iron Works, Incorporated. (See Malmsten, Philip C., assignor.)
Diamond, Martin, Brooklyn, N. Y. Frame mounting for mirrors, covers, etc. 2,148,261; Feb. 21.
Diamond Match Company, The. (See Nolan, John R., assignor.)
Diamond Match Company, The. (See Olson, Eric P., assignor.)
Diamond Match Company, The. (See Roberts, William, assignor.)
Diamond Match Company, The. (See Wright, Charles F., assignor.)
Diamond Match Company, The. (See Zomnir, Joseph E., assignor.)
Diamond Paper and Box Company. (See Stopper, Charles A., assignor.)
Diamond Power Specialty Corporation. (See Brelsford, H. E., Howse, and Bowers, assignors.)
Diamond Power Specialty Corporation. (See Glinn, Roy J., assignor.)
Diamond Power Specialty Corporation. (See Thomas, W. P., Howse, Brelsford, and Bowers, assignors.)
Dias, Anthony, assignor, to Dias Wheel & Turbine Corp., Hackensack, N. J. Automobile wheel. 2,174,822; Oct. 3.
Dias Wheel & Turbine Corp. (See Dias, Anthony, assignor.)
Diaz, Guillermo P., Habana, Cuba. Combined automatic lighting and advertising device. 2,171,079; Aug. 29.
Dibble, Barry. (See Tschudy, W., and Halliday, assignors.)
Dibert, Enfield, Bedford, Pa. Musical instrument attachment. 2,148,540; Feb. 28.
Dibner, Abraham B., now by judicial change of name B. Dibner, Peekskill, assignor to Burndy Engineering Co., Inc., New York, N. Y. Terminal screw lug. 2,161,249; June 6.
Dibner, Bern. (See Dibner, Abraham B.)
Dibner, Bern, Peekskill, and J. Rogoff, New York, N. Y., assignors to Burndy Engineering Co., Inc. Sheet metal split-bolt connector. 2,164,006; June 27.
Di Brazza-Savorgnan Ascanio, Rome, Italy. Projectile having its center of gravity in front of the center of resistance. 2,172,054; Sept. 5.
Di Censo, Alfred A., and A. Schaub, assignors, by mesne assignments, to Sipp-Eastwood Corporation, Paterson, N. J. Weft stop motion for looms. 2,175,558; Oct. 10.
Di Cesare, Fred P., Steubenville, Ohio. Coupling machine. 2,144,834; Jan. 24.
Dichter, Jakob, Berlin-Schoneberg, Germany. Method and apparatus for producing glass vessels. 2,151,840; Mar. 28.
Dick, A. B., Company. (See Cochran, Theodore R., assignor.)
Dick, A. B., Company. (See Stephenson, Paul A., assignor.)
Dick, A. B., Company. (See Wagner, Ludwig W., assignor.)
Dick, Alexander C., trustee. (See McFadden, Thomas P., assignor.)
Dick, Burns. (See See Boldt, W. F., and Dick.)
Dick, Burns. (See Freeman, W. R., Dick, and Boldt.)
Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Control mechanism for power actuated brakes. 2,146,803; Feb. 14.
Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake actuating mechanism. 2,162,775; June 20.
Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Control mechanism for power 2,166,754; July 18.
Dick, Burns, Ferguson, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking system. 2,166,804; July 18.
Dick, Herbert L., Chicago, Ill. Filter. 2,175,256; Oct. 10.
Dick, John E., Hallock, Minn. Crushing machine. 2,172,151; Sept. 5.
Dick, Rudolph C., Beverly, assignor to Naumkeag Steam Cotton Company, Salem, Mass. Bedsheet. 2,145,715; Jan. 31.
Dicke, Allen A., Montclair, N. J. Carburetor. 2,149,116; Feb. 28.
Dicke, Robert H., Rochester, N. Y. Clock system. 2,151,317; Mar. 21.
Dickens, Howard G., Thomasville, N. C., assignor to Scott & Williams, Incorporated, Laconia, N. H. Machine for and method of knitting fabric. 2,174,439; Sept. 26.
Dickenson, Ernest H., New York, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Fog eliminating apparatus for rock drills. 2,152,176; Mar. 28.
Dickerson, Bert A., assignor to Faries Manufacturing Company, Decatur, Ill. Combined socket cover and flexible joint. 2,164,389; July 4.
Dickerson, Bert A., assignor to Faries Manufacturing Company, Decatur, Ill. Joint for dental brackets. 2,164,390; July 4.
Dickerson, Bert A., assignor to Faries Manufacturing Company, Decatur, Ill. Lock for telescopic standards. 2,170,679; Aug. 22.
Dickerson, Charles V., Schenectady, N. Y. Differential. 2,175,684; Oct. 10.
Dickert, James E., Evanston, Ill. Message reception apparatus. 2,171,625; Sept. 5.
Dickeson, Lawrence G. (See Parrish, H., and Dickeson.)
Dickeson, Orrin E., Cedar Rapids, Iowa. Measuring cup. 2,159,431; May 23.
Dickey, Joseph B. (See McNally, J. G., and Dickey.)
Dickey, Joseph B. (See McNally, J. G., Dickey, and Zugschwerdt.)
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning process and composition therefor. 2,143,765; Jan. 10.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Esters of cellulose containing radicals of the acids of tetrahydrofurane and its derivatives and their preparation. 2,145,110; Jan. 24.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Yarn treating processes and compositions therefor. 2,153,134; Apr. 4.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Yarn treating processes and compositions therefor. 2,153,135; Apr. 4.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning processes and composition therefor. 2,153,136; Apr. 4.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning processes and compositions therefor. 2,153,137; Apr. 4.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Conditioning of yarn. 2,153,138; Apr. 4.
Dickey, Joseph B., and J. B. Normington, assignors to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning processes and compositions therefor. 2,153,139; Apr. 4.
Dickey, Joseph B., and J. B. Normington, assignors to Eastman Kodak Company, Rochester, N. Y. Yarn treating processes and compositions therefor. 2,165,352; July 11.
Dickey, Joseph B., and J. B. Normington, assignors to Eastman Kodak Company, Rochester, N. Y. Yarn treating processes and compositions therefor. 2,165,353; July 11.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning process and composition therefor. 2,172,241; Sept. 5.
Dickey, Joseph B., and J. G. McNally, assignors to Eastman Kodak Company, Rochester, N. Y. Conditioning of yarns to adapt them for textile operations. 2,184,008; Dec. 19.
Dickey, Joseph B., and J. B. Normington, assignors to Eastman Kodak Company, Rochester, N. Y. Yarn treating process and composition therefor. 2,184,009; Dec. 19.
Dickey, Paul S., Cleveland, Ohio, assignor to Bailey Meter Company. Control system. 2,163,592; June 27.
Dickey, Paul S., Cleveland, Ohio, assignor to Bailey Meter Company. Control system. 2,170,344; Aug. 22.
Dickey, Paul S., Cleveland, Ohio, assignor to Bailey Meter Company. Control system. 2,170,346; Aug. 22.
Dickey, Paul S., Cleveland, Ohio, assignor to Bailey Meter Company. Control system. 2,170,347; Aug. 22.
Dickey, Paul S., Cleveland, Ohio, assignor to Bailey Meter Company. Control system. 2,170,348; Aug. 22.
Dickey, Paul S., Cleveland, Ohio, assignor to Bailey Meter Company. Feed control method and system for mills. 2,172,317; Sept. 5.
Dickey, Paul S., and J. F. Shannon, Cleveland, Ohio, assignors to Bailey Meter Company. Control system. 2,165,175; July 4.
Dickie, Douglas P., New York, N. Y., and H. H. Wheeler, Millburn, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Wire connecting sleeve. 2,149,209; Feb. 28.
Dickie, William A. (See Dreyfus, H., and Dickie.)
Dickie, William A., Spondon, near Derby, England, assignor to Celanese Corporation of America. Manufacture of crepe threads or fabrics made of or containing cellulose esters. 2,142,715; Jan. 3.
Dickie, William A., and P. F. C. Sowter, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of artificial materials. 2,147,640; Feb. 21.
Dickie, William A., and P. F. C. Sowter, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of artificial filaments, films, and like materials. 2,147,641; Feb. 21.

Dickie, William A., and P. F. C. Sowter, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of artificial filaments, films, and like materials. 2,147,642; Feb. 21.

Dickie, William A., and P. F. C. Sowter, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of artificial filaments, threads, yarns, and the like. 2,178,741; Nov. 7.

Dickie, William A., and P. F. C. Sowter, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of artificial materials. 2,179,544; Nov. 14.

Dickieson, Alton C., Hollis, and H. J. Fisher, Port Washington, assignors to Bell Telephone Laboratories, Incorporated. New York, N. Y. Signal transmission system. 2,153,040; Apr. 4.

Dickin, James H., assignor to The British Aluminium Company, Limited, London, England. Aluminum base alloys. 2,143,595; Jan. 10.

Dickinson, Arthur H. (See Bryce, J. W., and Dickinson.)

Dickinson, Arthur H. (See Daly, G. F., and Dickinson.)

Dickinson, Harry F., Yonkers, assignor to Anaconda Wire & Cable Company, New York, N. Y. Combined power and communication cable. 2,180,731; Nov. 21.

Dickinson, James L. (See Levinson, A. A., and Dickinson.)

Dickinson, John A., Montreal, Quebec, Canada. Valve. 2,184,892; Dec. 26.

Dickinson, Leon D., and D. C. Bettison, Omaha, Nebr., assignors to The Union Switch & Signal Company, Swissvale, Pa. Light-out protection circuit. 2,176,707; Oct. 17.

Dickinson, Robert C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Disconnecting switch. 2,167,499; July 25.

Dickinson, William, Spokane, Wash. Movable display device. 2,144,835; Jan. 24.

Dickson, Charles L., Harvard, Ill. Combined square, level, protractor, etc. 2,180,509; Nov. 21.

Dickson, Earle E., assignor to Johnson & Johnson, New Brunswick, N. J. Surgical dressing. 2,145,755; Jan. 31.

Dickson, Eleanor A. (See Dickson, Harry B., assignor.)

Dickson, Frank F., High Point, N. C. Utility light. 2,168,118; Aug. 1.

Dickson Gasket Company. (See Dickson, James G., assignor.)

Dickson, Harry B., assignor of one-half to E. A. Dickson, New York, N. Y. Combination receptacle. 2,183,807; Dec. 19.

Dickson, James G., Glencoe, assignor to Dickson Gasket Company, Chicago, Ill. Making gaskets. 2,167,475; July 25.

Dickson, James G., Glencoe, assignor to Dickson Gasket Company, Chicago, Ill. Gasket. 2,167,643; Aug. 1.

Dickson, James T., Los Angeles, Calif. Equalizer for sucker rods. 2,166,426; July 18.

Dickson, James T., assignor to J. D. Fredericks, Jr., Los Angeles, Calif. Torque transmitter. 2,175,380; Oct. 10.

Dickson, James T., Lakewood, Ohio, assignor to General Electric Company. Liquid dispenser filter. 2,155,259; Apr. 18.

Dickson, John B., Huntington Woods, assignor to Chrysler Corporation, Highland Park, Mich. Lamp. 2,147,734; Feb. 21.

Dickson, John G., San Diego, Calif. Template. 2,163,938; June 27.

Dickson, Laurence M., San Francisco, Calif. Fish basket. 2,152,346; Mar. 28.

Dictaphone Corporation. (See Beard, Theodore H., assignor.)

Dictaphone Corporation. (See Feyrer, William F., assignor.)

Dictaphone Corporation. (See Gundlach, Howard F., assignor.)

Dictaphone Corporation. (See Norton, Leland D., assignor.)

Dictaphone Corporation. (See Norton, L. D., and Frykman, assignors.)

Dictaphone Corporation. (See Norton, L. D., and Horwath, assignors.)

Dictaphone Corporation. (See Norton, L. D., and Renholdt, assignors.)

Dictaphone Corporation. (See Renholdt, John E., assignor.)

Dictaphone Corporation. (See Worden, Robert E., assignor.)

Dictograph Products Company. (See Clarke, C. A., and Malmuth, assignors.)

Dictograph Products Company. (See Koch, Henry, assignor.)

Dictograph Products Company. (See Sears, Sterling G., assignor.)

Dictograph Products Company. (See Waite, William H., assignor.)

Didden, Carl, St. Louis, Mo. Machine for straightening and polishing rods and tubes. 2,163,669; June 27.

Didier, William A., Fort Wayne, Ind. Postal envelope. 2,153,504; Apr. 4.

Didier, William A., Fort Wayne, Ind. Postal coin carrier. 2,153,505; Apr. 4.

Di Domenico, Anthony, Forest Hills, and D. Di Domenico, Brooklyn, N. Y. Box. 2,169,382; Aug. 15.

Di Domenico, Dominick. (See Di Domenico, Anthony and D.)

Didusch, William P., Baltimore, Md., assignor to Davis & Geck, Inc., Brooklyn, N. Y. Ribbon gut and using the same. 2,143,910; Jan. 17.

Diebold, Adolf. (See Hopff, H., Eichel, and Diebold.)

Diebold Safe & Lock Co. (See Miller, William C., assignor.)

Dieckmann, Edna W. (See Dieckmann, John and E. W., and Lodde.)

Dieckmann, Henry, New York, N. Y. Dumb-waiter reflector. 2,143,261; Jan. 10.

Dieckmann, John and E. W., and H. Lodde, New York, N. Y. Collapsible tube closure. 2,146,423; Feb. 7.

Diedrich, Günther, Berlin-Reinickendorf, Germany, assignor to General Electric Company. Power plant. 2,159,758; May 23.

Diedrich, Paul. (See Dohrn, M., and Diedrich.)

Diefenbach, Bernhard, Rochester, N. Y. Combined bottle closure and liquid dispenser. 2,167,476; July 25.

Diehl, Claus. (See Dalmer, O., and Diehl.)

Diehl, Claus. (See Dalmer, O., Diehl, and Walter.)

Diehl, Heinrich. (See Jaeger, G., and Diehl.)

Diehl, Walter S., U. S. Navy. Nozzle for fire extinguishing apparatus. 2,145,865; Feb. 7.

Diehl, Walter S., U. S. Navy. Wire vibration damper. 2,154,442; Apr. 18.

Diehl, Walter S., U. S. Navy. Hull spray reducing construction. 2,162,705; June 20.

Diehl, Walter S., U. S. Navy. Amphibian hull resilient step. 2,167,644; Aug. 1.

Diehl, Walter S., U. S. Navy. Deicing means for airplanes. 2,168,328; Aug. 8.

Diehl, Walter S., U. S. Navy. Pitot-static tube. 2,179,500; Nov. 14.

Diehl, Walter S., U. S. Navy. Spray strip for seaplanes. 2,181,875; Dec. 5.

Diehl, William F., Haddonfield, N. J., assignor to Radio Corporation of America. Piezoelectric crystal holder. 2,178,224; Oct. 31.

Diehl, William F., Haddonfield, and H. J. Schrader, Haddon Heights, N. J., assignors to Radio Corporation of America. Oscillograph. 2,153,140; Apr. 4.

Diehl, William F., Haddonfield, N. J., and H. A. Clarke, Philadelphia, Pa., assignors to Radio Corporation of America. Method of and apparatus for calibrating piezoelectric elements. 2,178,225; Oct. 31.

Diehm, Robert A. (See Willaman, J. J., Diehm, and Clark.)

Diekmann, Dan J. (See Westhafer, T. O., and Diekmann.)

Diekmann, Joseph J., assignor to Naamlooze Vennootschap: Chemische Fabriek "Gembo", Winschoten, Netherlands. Manufacturing crystalline substances. 2,142,265; Jan. 3.

Diels, Kurt. (See Roosenstein, H. O., and Diels.)

Diels, Kurt, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray tube apparatus. 2,153,616; Apr. 11.

Diels, Kurt, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Making flat-bottomed cathode ray tubes. 2,178,226; Oct. 31.

Diemer, Walter H., assignor to The American-National Company, Toledo, Ohio. Velocipede construction. 2,143,434; Jan. 10.

Diener, Hyman, Washington, D. C. Garment hanger. 2,153,551; Apr. 11.

Dienner, John A. (See Samson, Herbert S., assignor.)

Dienstel, Arthur, Tucson, Ariz. Journal box packing retainer. 2,185,075; Dec. 26.

Dierichs, Alfred, Leverkusen-Wiesdorf, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparation of chlorides of higher fatty acids. 2,156,177; Apr. 25.

Dierker, Arthur H. (See Jones, E. A., and Dierker.)

Dierker, Hugh E., Los Angeles, Calif. Colon therapy device and applicator therefor. 2,148,541; Feb. 28.

Diescher, Alfred J., Winfield, Kans., assignor to B. E. Hepler, New York, N. Y. Generating gas. 2,163,871; June 27.

Dieserud, Helge C., Montclair, N. J., assignor to The Texas Company, New York, N. Y. Treatment of hydrocarbon oils. 2,175,180; Oct. 10.

Diesing, Henry F., St. Louis, Mo. Coin holder. 2,147,016; Feb. 14.

Dieterich, Albert E., Washington, D. C., assignor to Ed. Friedrich Inc., San Antonio, Tex. Refrigerator window. 2,179,589; Nov. 14.

Dieterich, Ernest O., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Resilient ball. 2,175,685; Oct. 10.

Dieterle, Walter, Dessau-Ziebigk, Germany, assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Color photography. 2,148,979; Feb. 28.

Dieterle, Walter, Dessau-Ziebigk, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Photographic material for color photography. 2,148,980; Feb. 28.

Dieterle, Walter, Dessau, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Sensitizing silver halide emulsions. 2,155,475; Apr. 25.

Dieterle, Walter, Dessau-Ziebigk in Anhalt, R. Walter, Wolfen Kreis Bitterfeld, Germany, and H. Dürr, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Cyanine dye. 2,161,339; June 6.
Dieterle, Walter, Dessau-Ziebigk, and S. Gassner, Leverkusen, Germany, assignors, by mesne assigments, to Agfa Ansco Corporation, Binghamton, N. Y. Photographic desensitizing. 2,172,192; Sept. 5.
Dietert, Harry W., Detroit, Mich. Metering device. 2,179,687; Nov. 14.
Dietmann, Paul W., Jonkoping, Sweden. Match packet manufacturing machine and method. 2,155,118; Apr. 18.
Dietrich, Edgar L., Centerport, Pa. Fishing tackle. 2,179,878; Nov. 14.
Dietrich, Friedrich R., Pasing, near Munich, Germany. Reflector for searchlights. 2,143,435; Jan. 10.
Dietrich, Hans L., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Arrangement for duplex operation. 2,144,836; Jan. 24.
Dietrich, Herbert, Meinersdorf i. E., Germany. Flat knitting frame. 2,168,194; Aug. 1.
Dietrich, Herbert, Meinersdorf I. E., Germany. Separately working heel portions onto stockings. 2,168,398; Aug. 8.
Dietrich, Johannes, Berlin-Charlottenburg, and K. Hagenhaus, Berlin-Siemensstadt, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Interference preventing arrangement for internal combustion engines. 2,180,704; Nov. 21.
Dietrich, Johannes G., Berlin-Tempelhof, Germany. Animal figure. 2,183,306; Dec. 12.
Dietrich, Melvin A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricant. 2,143,142; Jan. 10.
Dietrich, Melvin A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricating oil 2,150,156; Mar. 14.
Dietrich, Melvin A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricant. 2,161,615; June 6.
Dietrich, Melvin A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricant. 2,167,064; July 25.
Dietrich, Neff T., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Automobile frame. 2,174,915; Oct. 3.
Dietrich, Théodore, and O. Borel, Geneva, Switzerland, assignors to Landis & Gyr, A-G. Registering mechanism. 2,151,086; Mar. 21.
Dietrichson, William F., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Refrigerator car. 2,180,510; Nov. 21.
Dietz, Alfred E., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Fuse. 2,148,542; Feb. 28.
Dietz, Gustav. West Hollywood, Calif. Reflector. 2,174,937; Oct. 3.
Dietze, Carl H., Jr., Maplewood, N. J. Horn. 2,175,018; Oct. 3.
Dietze, Emil, Richmond Hill, assignor to Daetsch & Woodward, Inc., Brooklyn, N. Y. Collapsible last. 2,164,054; June 27.
Dietze, Reinhold, Goeschwitz, Germany. Heat exchange apparatus. 2,151,087; Mar. 21.
Dietzel, Willy. See Eppenstein O., and Dietzel.)
Dietzgen, Eugene, Co. (See Langsner, Adolph, assignor.)
Diezel, Willy. (See Peyser, J., and Diezel.)
Diezel, Wily, Mount Vernon, N. Y. Vacuum can closing machine. 2,177,208; Oct. 24.
Difazio, Nicholas, Newark, N. J. Stuffing box without packing. 2,153,825; Apr. 11.
Differential Wheel Corporation. (See Durham, Hobart N., assignor.)
Di Giacomo, Vincent, and L. Salemi, New York, N. Y. Locking device for lazy tong structures. 2,156,148; Apr. 25.
Digman, Thomas, Pittsburgh, Pa. Safety guard. 2,173,962; Sept. 26.
Di Grappa, Michelangelo, East Palestine, Ohio. Jar cap tool. 2,181,876; Dec. 5.
Di Ianni, Frank, Brooklyn, N. Y., assignor to American Machine & Foundry Company. Nonfouling lap former for cigarette machines. 2,148,685; Feb. 28.
Di Ienno, John J. (See Stuber, W. J., and Di Ienno.)
Dijksterhuis, Popko R., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Radio receiving apparatus. 2,176,212; Oct. 17.
Dike, Theodore W. (See Bowen, A. H., and Dike.)
Dike, Theodore W. (See Rippey, H. F., and Dike.)
Dike, Theodore W., and H. Galber, assignors to I. F. Laucks, Inc., Seattle, Wash. Gluing porous materials. 2,178,566; Nov. 7.
Dilg, Earl W., assignor to Autopulse Corporation, Detroit, Mich. Pump. 2,179,925; Nov. 14.
Dilger, John B., Lyndhurst, and C. Allegri, Nutley, N. J. Candy coating feeding machine. Re. 21,015; Feb. 28.
Dilks, James J., Jr., Haddon Heights, N. J. Photographic reproduction apparatus. 2,179,617; Nov. 14.
Dill, John, Winnipeg, Manitoba, Canada. Silent rail joint for railroads. 2,143,766; Jan. 10.
Dill Manufacturing Company, The. (See Becker, George W., assignor.)
Dill Manufacturing Company, The. (See Bronson, A. E., and Goff, assignors.)
Dill Manufacturing Company, The. (See Crowley, John C., assignor.)
Dillard, Edward W., Wellesley, Mass. Transformer support. 2,182,660; Dec. 5.
Dillehay, Edward R., Glen Ellyn, and G. M. McFedries, Oak Park, Ill., assignors to The Richardson Company. Opaque materials for X-ray and radium work or the like. 2,183,790; Dec. 19.
Dillehunt, William E., Baltimore, Md. Spring. 2,149,587; Mar. 7.
Dillenburger, Wolfgang, Berlin-Zehlendorf, assignor to the firm Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Modulation. 2,163,939; June 27.
Dillenburger, Wolfgang, assignor to the firm Fernseh Aktiengesellschaft, Berlin-Zehlendorf, Germany. Amplitude filter. 2,171,918; Sept. 5.
Diller, Isaac M., Brooklyn, N. Y. Cream whipping gas and producing whipped cream. 2,155,260; Apr. 18.
Dilley, Edgar M. (See Schopmeyer, Erwin E., assignor.)
Dilley, Morris M., assignor to Associated Manufacturers' Agency, Louisville, Ky. Crossing gate structure. 2,148,733; Feb. 28.
Dillinger, Dale, Akron, Ohio. Evacuating device. 2,148,807; Feb. 28.
Dillingham, Carl D., Oakland, Calif. Traction wheel. 2,146,175; Feb. 7.
Dillion, William C., assignor to W. C. Dillon & Company, Inc., Chicago, Ill. Anchor. 2,176,566; Oct. 17.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Transformer relay unit. 2,162,329; June 13.
Dillman, Earnest J., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,180,802; Nov. 21.
Dillman, Earnest J., and D. D. Wile, assignors to Detroit Lubricator Company, Detroit, Mich. Control device. 2,168,564; Aug. 8.
Dillon, David, New York, N. Y. Table and leaf construction. 2,154,125; Apr. 11.
Dillon, George D., Denver, Colo. Permutation lock. 2,152,839; Apr. 4.
Dillon, Herman W., assignor of one-half to T. A. Doyle, Chicago, Ill. Washing machine, adapted particularly for use in so-called dry cleaning. 2,176,298; Oct. 17.
Dillon, Lyle. (See Subkow, P., and Dillon.)
Dillon, Lyle, and C. E. Swift, Glendale, assignors to Union Oil Company of California, Los Angeles, Calif. Dewaxing oil. 2,151,318; Mar. 21.
Dillon, Lyle, and C. E. Swift, Glendale ,assignors to Union Oil Company of California, Los Angeles, Calif. Dewaxing oil. 2,174,938; Oct. 3.
Dillon, Raymond V. (See Storch, H. A., Dillon, and Caldwell.)
Dillon, Robert E., Wellesley, and A. E. Mace, Dedham, Mass. Liner for condenser tubes. 2,143,477; Jan. 10.
Dillon, Stephen V., Tulsa, Okla. Gripping and coupling means. 2,182,797; Dec. 12.
Dillon, W. C., & Company. (See Dillon, William C., assignor.)
Dillow, William H., Pasadena, Calif. Piston expander. 2,184,489; Dec. 26.
Dillon, William W., New York, N. Y. Buckle. 2,164,733; July 4.
Dillström, Torbjörn V., Stockholm, assignor to Hesselman Motor Corporation Aktiebolag, Henriksdal, Stockholm, Sweden. Internal combustion engine. 2,145,250; Jan. 31.
Dillstrom, Torbjorn V., Stockholm, assignor, by mesne assignments, to Hesselman Motor Corporation Aktiebolag, Henriksdal, Stockholm, Sweden. Fuel pump unit. 2,148,112; Feb. 21.
Dils, Logan A., Stuttgart, assignor, by mesne assignments of nine-twentieths to R. M. Foster, Helena, Ark., one-half to H. S. Cramer, New York, N. Y., and one-twentieth to D. McCabe, Chicago, Ill. Process and composition for treating food materials. 2,185,053; Dec. 26.
Dils, Logan A., Stuttgart, assignor, by mesne assignments, of nine-twentieths to R. M. Foster, Helena, Ark., one-half to H. S. Cramer, New York, N. Y., and one-twentieth to D. McCabe, Chicago, Ill. Preparation of cereal foods. 2,185,054; Dec. 26.
Dimensional Pictures Incorporated. (See Hills, George L., assignor.)
Dimick, Daniel B., Newton, assignor to Dimick-Mosher Products Company, Boston, Mass. Sanding machine. 2,161,701; June 6.
Dimick-Mosher Products Company. (See Dimick, Daniel B., assignor.)
Dimmick, Glenn L., Audubon, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Method of and means for recording sound. Re. 21,029; Mar. 14.
Dimmick, Glenn L., Audubon, N. J., assignor to Radio Corporation of America. Sound reproducer. 2,164,734; July 4.
Dimmick, Glenn L., Erlton, N. J., assignor to Radio Corporation of America. Optical system for reduction film printers. 2,143,059; Jan. 10.
Dimmick, Glenn L., Erlton, N. J., assignor to Radio Corporation of America. Sound recording system. 2,154,067; Apr. 11.

Dimmick, Glenn L., Erlton, N. J., assignor to Radio Corporation of America. Optical system. 2,157,166; May 9.
Dimmick, Glenn L., Erlton, N. J., assignor to Radio Corporation of America. Push-pull optical system. 2,164,735; July 4.
Dimmick, Glenn L., Erlton, N. J., assignor to Radio Corporation of America. Antiground noise recording system. 2,165,787; July 11.
Dimmick, Glenn L., Erlton, N. J., assignor to Radio Corporation of America. Sound recording. 2,166,718; July 18.
Dimmick, Glenn L., Erlton, N. J., assignor to Radio Corporation of America. Sound recording and reproducing. 2,184,547; Dec. 26.
Dimmick, Glenn L., Haddonfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Sound record. 2,150,319; Mar. 14.
Dimmick, Glenn L., Haddonfield, N. J., assignor to Radio Corporation of America. Optical system. 2,173,681; Sept. 19.
Dimmick, Glenn L., Haddonfield, N. J., assignor to Radio Corporation of America. Recording of electrical impulses. 2,184,548; Dec. 26.
Dimond, Lloyd E. (See Tolman, L. M., and Dimond.)
Dimond, Lloyd E., Chicago, Ill., assignor to Wilson & Co. Apparatus for gauging wetted material. 2,170,747; Aug. 22.
Dimond, Thomas L., Boonton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Time measuring system. 2,144,873; Jan. 24.
Dimond, Thomas L., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Timing device. 2,145,042; Jan. 24.
Dimoush, William L., Independence, Mo. Metal fastener. 2,156,682; May 2.
Dingemanse, Elizabeth. (See Laqueur, E., David, Dingemanse, and Freud.)
Dinglerwerke Aktiengesellschaft. (See Halle, Kurt, assignor.)
Dinkins, Joseph R., Anawalt, W. Va. Interlocking electric plug. 2,173,533; Sept. 19.
Dinsmore, Clarence B. (See McKinley, C. W., Smith, and Dinsmore.)
Dinsmore, Horace R., Cambridge, Md. Forming mosaic or marquetry designs. 2,162,610; June 13.
Dinstbir, Howard J., Butler, Pa. Trimming for license plates. 2,160,960; June 6.
Dinwiddie, Joseph, Caneyville, Ky. Harrow. 2,158,746; May 16.
Dinzl, Richard W. (See Stillman, E. A., and Dinzl.)
Dinzl, Richard W., Narberth, Pa., assignor to Baldwin-Southwark Corporation. Hydraulic press. 2,148,543; Feb. 28.
Dinzl, Richard W., Narberth, Pa., assignor to Baldwin-Southwark Corporation. Hydraulic press. 2,161,804; June 13.
Dinzl, Richard W., Narberth, Pa., assignor to Baldwin-Southwark Corporation. Hydraulic press. 2,173,086; Sept. 19.
Dinzl, Richard W., Narberth, Pa., assignor to Baldwin-Southwark Corporation. Die spotting press. 2,177,821; Oct. 31.
Dinzl, Richard W., Westfield, assignor to The Watson-Stillman Co., Roselle, N. J. Ingot ejector. 2,171,141; Aug. 29.
Dinzl, Richard W., Westfield, assignor to The Watson-Stillman Co., Roselle, N. J. Turntable mechanism for presses. 2,174,569; Oct. 3.
Dionne, John C., Somerville, Mass., and H. W. Keevil, Highland Park, Ill. Sensitometer. 2,170,515; Aug. 22.
Diot, Edouard L., Neuilly-sur-Seine, France. Manufacturing hollow articles formed of flexible strip material. 2,151,088; Mar. 21.
Diot, Edouard L., Neuilly-sur-Seine, France. Container. 2,183,093; Dec. 12.
Diot, Edouard L., Neuilly-sur-Seine, France. Hollow article formed of flexible strip material. 2,183,475; Dec. 12.
Dipol Process Company. (See Wood, Robert O., assignor.)
Dippel, Cornelis J., R. J. H. Alink, and K. J. Keuning, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Light-sensitive material and making the same. 2,183,447; Dec. 12.
Dippel, Harry W., Teaneck, N. J., assignor, by mesne assignments, to C. V. Rosenberger, Independence, Iowa. Defeathering compound. 2,142,938; Jan. 3.
Dippel, Nicholas, Brooklyn, N. Y. Automatic fuse plug. 2,162,163; June 13.
Dirkes, Carl E., Detroit, Mich. Feeding device for lubricants or the like. 2,146,424; Feb. 7.
Dirkes, Robert F. (See Anderson, J. N., and Dirkes.)
Dirkes, Robert F. (See Steeneck, R., and Dirkes.)
Dirkes, Robert F., Jamaica, N. Y., and R. Wentworth, Verona, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Telegraph printer-reperforator. 2,143,828; Jan. 10.
Dirkes, Robert F., Jamaica, N. Y., and E. R. Wheeler, Plainfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Combined telegraph printer and perforator. 2,174,731; Oct. 3.
Dirks, Bernd J., Prince Georges County, Md. Saw filing apparatus. 2,172,366; Sept. 12.
Dirscherl, Wilhelm, Frankfort-on-the-Main, Germany, assignor to Rare Chemicals, Inc., Nepara Park, N. Y. Hormone. 2,182,073; Dec. 5.
Dirscherl, Wilhelm, Frankfort-on-the-Main, and F. Hanusch, Heidelberg, Germany, assignors to Rare Chemicals Inc., Nepera, Park, N. Y. Sexual hormones and preparing them. 2,152,625; Apr. 4.
Dirscherl, Wilhelm, Frankfort-on-the-Main, and F. Hanusch, Heidelberg, Germany, assignors to Rare Chemicals Inc., Nepera Park, N. Y. Sexual hormones and preparing them. 2,152,626; Apr. 4.
Dirscherl, Wilhelm, Frankfort-on-the-Main, and J. Kraus, Mannheim, Germany, assignors to Rare Chemicals, Inc., Nepara Park, N. Y. Hormone. 2,182,074; Dec. 5.
Disbrow, Clarkson A., New Rochelle, assignor to Poor & Company, New York, N. Y. Insulated rail joint. 2,161,340; June 6.
Disbrow, Earl E. (See Perrin, J. C., and Disbrow.)
Disch, John E., assignor to Daniel Green Company, Dolgeville, N. Y. Shoe. 2,157,818; May 9.
Disch, John E., assignor to Daniel Green Company, Dolgerville, N. Y. Shoe and making same. 2,175,149; Oct. 3.
Dispenser Products Inc. (See Grant, William F., assignor.)
Dispensing Containers, Inc. (See Rese, John H., assignor.)
Distillation Products, Inc. (See Baxter, James G., assignor.)
Distillation Products, Inc. (See Embree, Norris D., assignor.)
Distillation Products, Inc. (See Hickman, Kenneth C. D., assignor.)
Distillation Products, Inc. (See Hickman, K. C. D., and Baxter, assignors.)
Distillation Products, Inc. (See Hickman, K. C. D., and Hecker, assignors.)
Distillation Products, Inc. (See Hickman, K. C. D., and Tischer, assignors.)
Distillers Company Limited, The. (See Auden, H. A., Staudinger, and Hutchinson, assignors.)
Distillers Company Limited, The. (See Langwell, H., and Stanley, assignors.)
Distillers Company Limited, The. (See Staudinger, Hanns P., assignor.)
District of Columbia Paper Mills, Incorporated. (See Harrigan, Herman R., assignor.)
Ditcham, William T., Chelmsford, England, assignor to Radio Corporation of America. Carrier wave transmitter. 2,163,670; June 27.
Ditchfield, Frank, assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Car construction. 2,183,307 Dec. 12.
Ditmars, John R. (See Boyce, Charles M., assignor.)
Ditmars, John R. (See van der Meulen, Peter A., assignor.)
Ditmore, George W., Albany, N. Y., assignor to The Rails Company, New Haven, Conn. Dust guard cap for journal boxes. 2,148,367; Feb. 21.
Di Toro, Michael J., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Oscillation translating device. 2,177,692; Oct. 31.
Dittmar, Harry R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerizing acrylic and alkacrylic compounds. 2,163,305; June 20.
Dittmar, Harry R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stiffening for box toes. 2,169,558; Aug. 15.
Dittmar, Irvin F. (See Crooks, K. E., and Dittmar.)
Dittmer, Arthur F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Corrective lens system. 2,164,801; July 4.
Dittmer, Arthur F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Diagnostic instrument. 2,174,916; Oct. 3.
Dittmer, Arthur F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic lens system. 2,174,917; Oct. 3.
Dittmer, Arthur F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Otoscope. 2,184,414; Dec. 26.
Dittmer, Arthur F., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Projector. 2,184,415; Dec. 26.
Ditto Incorporated. (See Bjorksten, Johan, assignor.)
Ditto, Incorporated. (See Bjorksten, J., and Hoskins, assignors.)
Ditto, Incorporated. (See Collins, Howard E., assignor.)
Ditto, Incorporated. (See Hoskins, William, Jr., assignor.)
Ditto, Incorporated. (See Kokay, Stephen, assignor.)
Ditto, Incorporated. (See Marchev, Alfred, assignor.)
Ditto, Incorporated. (See Marchev, A., and Keil, assignors.)
Ditto, Incorporated. (See Marchev, A., and Morrison, assignors.)
Ditto, Incorporated. (See Morrison, Robert F., assignor.)
Ditto, Marvin W., assignor to Gas Fuel Corporation, New York, N. Y. Emulsifying mill. 2,169,338; Aug. 15.
Ditto, Marvin W., assignor to Gas Fuel Corporation, New York, N. Y. Mill for dispersion and mixing. 2,169,339; Aug. 15.
Ditto, Marvin W., assignor to Emulsions Process Corporation, New York, N. Y. Production of steel. 2,175,181; Oct. 10.

Ditto, Marvin W., assignor to Emulsions Process Corporation, New York, N. Y. Making steel. 2,175,182; Oct. 10.
Ditto, Marvin W., assigor to Emulsions Process Corporation, New York, N. Y. Utilizing fuel oils in the operation of iron blast furnaces. 2,175,517; Oct. 10.
Dittrich, Fritz A. B., assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Mueller & Co., Dresden, Germany. Machine for stripping and sorting tobacco leaves. 2,148,015; Feb. 21.
Ditzler, Frank U. (See Erline, T. H., Ditzler, and Koch.)
Di Vincenzo, Casey C., Cleveland, Ohio. Receptacle holder. 2,142,868; Jan. 3.
Diwoky, Fred F. (See Brown, A. B., and Diwoky.)
Diwoky, Roy J. (See Roberts, J. K., Forrester, and Diwoky.)
Dix, Edgar H., Jr., Oakmont, and J. A. Nock, Jr., Tarentum, assignors to Aluminum Company of America, Pittsburgh, Pa. Thermal treatment of aluminum base alloys. 2,159,010; May 23.
Dixie Logging Tool Co. (See Stocker, William, assignor.)
Dixie-Vortex Company. (See Barbieri, Cesare, assignor.)
Dixie-Vortex Company. (See Carew, Herman, assignor.)
Dixie-Vortex Company. (See Currie, Thomas D., assignor.)
Dixie-Vortex Company. (See Fenner, Robert C., assignor.)
Dixie-Vortex Company. (See Wessman, Edwin G., assignor.)
Dixie-Vortex Company. (See Wessman, E. G., and Stone, assignors.)
Dixie-Vortex Company. (See Wood, Andrew C., assignor.)
Dixon, Alfred E., Providence, R. I., assignor to Ostby and Barton Company. Cuff link. 2,145,211; Jan. 24.
Dixon, Gilbert W., Rydal, Pa. Fishing harness. 2,142,887; Jan. 3.
Dixon, John G., assignor to Otho D. Beall, Chicago, Ill. Sheet separator and feeder. 2,163,274; June 20.
Dixon, Joseph, Crucible Company. (See Pipi, Michael, assignor.)
Dixon, Joseph, Crucible Company. (See Miller, Kay, assignor.)
Dixon, Joseph, Crucible Company. (See Sell, Edwin A., assignor.)
Dixon, Paul H., Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Folding machine. 2,147,735; Feb. 21.
Dixon, Percy, assignor of one-half to D. A. Kenyon, Klamath Falls, Oreg. Rolling land buck. 2,173,623; Sept. 19.
Dixon, South H., and L. Hurd, Johnson City, Tenn. Amusement device. 2,178,300; Oct. 31.
Djian, Georges Félix, Paris, France. Photographic objective of high luminosity. 2,175,518; Oct. 10.
Doak, George O. (See Sondern, C. W., and Doak.)
Doan, Gilbert E., Bethlehem, Pa. Method of and apparatus for nonarcing circuit interruptions. 2,156,974; May 2.
Doane, Foster B. (See de Forest, A. V., and Doane.)
Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Hickey. 2,147,284; Feb. 14.
Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Vehicle lighting fixture. 2,156,621; May 2.
Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Passenger vehicle lighting. 2,158,653; May 16.
Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Direct lighting luminaire. 2,162,330; June 13.
Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Lighting fixture. 2,170,189; Aug. 22.
Doane, Leroy C., assignor to The Miller Company, Meriden, Conn. Lighting equipment for passenger vehicles. 2,173,899; Sept. 26.
Doba, Stephen, Jr., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal transmission system. 2,156,622; May 2.
Doba, Stephen, Jr., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal transmission system. 2,157,326; May 9.
Doba, Stephen, Jr., Woodside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 2,173,472; Sept. 19.
Dobbin, Jay H., Jr., Burlingame, Calif. Graph construction. 2,168,793; Aug. 8.
Dobbins Manufacturing Company. (See Brandt, Henry E., assignor.)
Dobbins Manufacturing Company. (See Brandt, H. E., and Sorensen, assignors.)
Dobbins Manufacturing Company. (See Brandt, H. E., and Zwickey, assignors.)
Dobeckmun Company, The. (See Prindle, Karl E., assignor.)
Dobeckmun Company, The. (See Schmidt, David, assignor.)
Dobert, Joseph H., Millvale, Pa. Electrophysiotherapeutical apparatus. 2,182,223; Dec. 5.
Dobke, Guenther, Berlin-Reinickendorf, assignor to Allgemeine Elektricitats Gesellschaft, Berlin, Germany. Electron tube. 2,177,350; Oct. 24.
Dobke, Günther, Berlin-Reinickendorf, Germany, assignor to General Electric Company. Pool type discharge device. 2,147,484; Feb. 14.
Dobkowitz, Bernhard K., San Francisco, Calif. Backhand pencil pointer. 2,163,025; June 20.
Doble Engineering Company. (See Doble, F. C., and Browning, assignors.)
Doble, Frank C., Cambridge, and G. H. Browning, Winchester, assignors to Doble Engineering Company, Medford, Mass. Apparatus for determining insulating values. 2,170,813; Aug. 29.
Doble, Ralph N., et al. (See Corbett, Lawrence W., assignor.)
Doble, Ralph N. (See Walling, William G., assignor.)
Doble, Ralph N., Hingham, Mass. Tea bag, coffee bag, and the like. 2,147,831; Feb. 21.
Doble, Ralph N., Hingham, Mass. Tea bag, coffee bag, and the like. 2,157,656; May 9.
Doble, Ralph N., Hingham, Mass. Tea bag, coffee bag, and the like and making the same. 2,165,840; July 11.
Doble, Ralph N., Hingham, Mass. Packaging machine. 2,165,841; July 11.
Doble, William H., et al. (See Corbett, Lawrence W., assignor.)
Dobler, Fritz, and H. Buess, assignors to the firm J. R. Geigy S. A., Basel, Switzerland. Copper compounds of primary resorcinol trisazo-dyestuffs and their manufacture. 2,183,673; Dec. 19.
Doblhoff, Walther, Vienna, Austria. Spring arrangement. 2,146,943; Feb. 14.
Doblhoff, Walther, Vienna, Austria, assignor to the firm Österr. Saurer-Werke Aktiengesellchaft, Vienna, Germany. Endless-track vehicle with auxiliary wheels. 2,173,793; Sept. 19.
Dobric, Frank S. (See Harrell, F. E., and Dobric.)
Dobrovolny, Frank J., Ransomville, J. M. Youel, Lewiston, and H. E. Klein, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Colored glass. 2,174,554; Oct. 3.
Dobrowolski, Alfons, Racine, Wis. Convertible carriage for children. 2,143,548; Jan. 10.
Dobrowolski, Alfons, Racine, Wis. Tricycle. 2,158,618; May 16.
Dobrowsky, Emmanual, assignor to Motor Car Advertising Device Co., Inc., New York, N. Y. Advertising device. 2,143,143; Jan. 10.
Dobrzensky, Milton W. (See Luce, Milton A., assignor.)
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,142,241; Jan. 3.
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,150,028; Mar. 7.
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,152,878; Apr. 4.
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,163,940; June 27.
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,163,941; June 27.
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,168,516; Aug. 8.
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,168,517; Aug. 8.
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,168,518; Aug. 8.
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,171,688; Sept. 5.
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,172,007; Sept. 5.
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,178,681; Nov. 7.
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,178,682; Nov. 7.
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,184,735; Dec. 26.
Dobson, William A., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,184,736; Dec. 26.
Dockery, John T., assignor of forty percent to J. P. McKey, and sixty percent to E. L. Shelton, Jackson, Miss. Gas generating apparatus. 2,172,021; Sept. 5.
Dockson, Charles H., Detroit, Mich. Welding helmet. 2,145,974; Feb. 7.
Dod, Leonard T. (See Moore, J. G., and Dod.)
Dodd, Albert E., Woodford, Dromara, Northern Ireland. Apparatus for obtaining fibers from the stalks of flax and other bast plants. 2,168,095; Aug. 1.
Dodd, Edward H. (See Jamar, W. S., and Dodd.)
Dodd, William C., Bald Knob, Ark. Pharmaceutical device. 2,175,747; Oct. 10.
Dodder, Mae E., Colton, Calif. Insect exterminator. 2,182,863; Dec. 12.
Dodds, Nugent, Washington, D. C. Copy holder. 2,162,706; June 20.
Dodge, Adiel Y., South Bend, Ind. Transmission. 2,146,369; Feb. 7.

Dodge, Adiel Y., South Bend, Ind. Variable speed transmission. 2,164,504; July 4.
Dodge, Adiel Y., South Bend, Ind. Hydraulic drive unit. 2,173,604; Sept. 19.
Dodge, Adiel Y., South Bend, Ind. Transmission. 2,182,621; Dec. 5.
Dodge, Adiel Y., South Bend, Ind., assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,152,305; Mar. 28.
Dodge, Adiel Y., South Bend, Ind., assignor to Bendix Home Appliance, Inc., Detroit, Mich. Cleaning machine. 2,173,603; Sept. 19.
Dodge, Adiel Y., Rockford, Ill. Transmission brake. 2,167,171; July 25.
Dodge, Adiel Y., and M. W. McConkey, assignors to Bendix Brake Company, South Bend, Ind. Brake. 2,144,012; Jan. 17.
Dodge, Adiel Y., and H. R. Allen; said Allen assignor to Bendix Products Corporation, South Bend, Ind. Transmission. 2,149,117; Feb. 28.
Dodge, Adiel Y., South Bend, Ind., and H. R. Tear, Evanston, assignors to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,178,851; Nov. 7.
Dodge, Archie J., Lockport, N. Y. Fuel economizer for gas engines. 2,184,141; Dec. 19.
Dodge, Arthur B., Lancaster, Pa. Bottle stopper and seal therefor. 2,179,879; Nov. 14.
Dodge, Arthur B., Lancaster, Pa. Bottle stopper sealing strip remover. 2,179,880; Nov. 14.
Dodge, Elbert S., Ilion, assignor to Remington Rand Inc., Buffalo, N. Y. Typewriting and like machines. 2,146,057; Feb. 7.
Dodge, George A., C. L. Meinholdt, and H. H. Mack, Topeka, Kans.; said Dodge and said Meinholdt assignors to said Mack. Turntable. 2,157,404; May 9.
Dodge, H. B., and Company. (See Pratt, Raymond C., assignor.)
Dodge, Howard M., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Lining hollow articles with rubber. 2,149,991; Mar. 7.
Dodge, Howard M., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making gaskets. 2,153,414; Apr. 4.
Dodge, Inc. (See Dodge, Ray E., assignor.)
Dodge, Lyman E., Morris Township, Morris County, assignor to Frank C. La Mar, Tucson, Ariz. Indicator. 2,162,197; June 13.
Dodge, Lyman E., Morris Township, Morris County, N. J., assignor to F. C. LaMar, Tucson, Ariz. Indicator. 2,175,987; Oct. 10.
Dodge Manufacturing Corporation. (See Bodle, Alexander T., assignor.)
Dodge, Mary N., Studio City, Calif. Confection. 2,181,109; Nov. 21.
Dodge, Milton L. (See Altvater, Adolf H., assignor.)
Dodge, Milton L. (See Dove, G. H., and Swain, assignors.)
Dodge, Milton L. (See Smith, John F., assignor.)
Dodge, Milton L., Newburyport, Mass. Shoe upper treating method and apparatus. 2,171,543; Sept. 5.
Dodge, Ralph L., Wilmington, Del. Card playing game. 2,154,891; Apr. 18.
Dodge, Ray E., Los Angeles, Calif., assignor to Dodge, Inc., Chicago, Ill. Container construction. 2,171,919; Sept. 5.
Dodge, Ronald D., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,156,975; May 2.
Dodge, Wesley, Oakland, assignor to Paterson Pacific Parchment Company, San Francisco, Calif. Lettuce packing machine. 2,184,290; Dec. 26.
Dodge, Wesley W., Oakland, Calif., assignor to Paterson Pacific Parchment Co. Refrigerating lettuce and the like. Re. 21,144; July 11.
Dodge, William A., administrator. (See Janisch, Leopold.)
Dodge, William A., administrator. (See Sabbah, Camil A.)
Dodge, William A., administrator. (See Sabbah, C. A., and Morton.)
Dodgeville Finishing Company. (See Hirsch, Fred B., assignor.)
Dodson, John R. (See George, George C., assignor.)
Dodson, Sidney V., Dorr, Mich. Paraffin scraper. 2,175,770; Oct. 10.
Dodson, William C. See Drum, H. S., and Dodson.)
Dodson, William C. (See Drum, H. S., Dodson, and Jaxheimer.)
Doe, Thomas B., New York, N. Y., assignor to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,148,262; Feb. 21.
Doe, Thomas B., New York, N. Y., and E. L. Rose, assignors to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,157,692; May 9.
Doe, Thomas B., New York, N. Y., E. L. Rose, Watertown, and C. E. Grosser, assignors to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,161,143; June 6.
Doe, Thomas B., New York, N. Y., and W. Thomas, New Haven, assignors to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,177,097; Oct. 24.
Doe, Thomas B., New York, N. Y., and E. L. Rose, assignors to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,177,098; Oct. 24.
Doeg, Ralph W., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Piston. 2,165,619; July 11.
Doeg, Ralph W., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,165,620; July 11.
Doehler Die Casting Co. (See Brown, Fred, assignor.)
Doehler Die-Casting Co. (See Harrison, George, assignor.)
Doennecke, Henry W., and E. W. Douglass, Tulsa, Okla., and C. O. Anderson, Baxter Springs, Kans., assignors to Ozark Chemical Company, Tulsa, Okla. Apparatus for recovering anhydrous sodium sulphate and the like. 2,159,759; May 23.
Doennecke, Henry W., and E. W. Douglass, Tulsa, Okla., and C. O. Anderson, Baxter Springs, Kans., assignors to Ozark Chemical Company, Tulsa, Okla. Treating water supplies. 2,182,286; Dec. 5.
Doepke, Annie, et al., executors. (See Dowdy, C. R., and Doepke.)
Doepke, Fred. (See Dowdy, C. R., and Doepke.)
Doepke, Fred C., et al., executors. (See Dowdy, C. R., and Doepke.)
Doerfler, Hilary, Shawnee, Okla. Wave motion machine. 2,160,131; May 30.
Doering, Charles, Chicago, Ill. Advertising device. 2,157,199; May 9.
Doering, Charles, assignor of one-half to H. Doering, Chicago, Ill. Dairy product chilling device. 2,178,780; Nov. 7.
Doering, Charles, assignor of one-half to H. Doering, Chicago, Ill. Chilling machine. 2,178,781; Nov. 7.
Doering, Charles, and W. K. Teller, assignors to H. H. Doering, Chicago, Ill. Plasticizing cheees and product. 2,148,544; Feb. 28.
Doering, Charles, and W. K. Teller, assignor to H. H. Doering, Chicago, Ill. Cheese product and process of plasticizing. 2,161,401; June 6.
Doering, Henry. (See Doering, Charles, assignor.)
Doering, Henry H. (See Doering, C., and Teller, assignors.)
Doering, Henry H. (See Teller, George L. and W. K., assignors.)
Doering, Henry H., Chicago, Ill. Butter print machine. 2,143,304; Jan. 10.
Doering, Ulrich W., et al. (See Germer, Edmund, assignor.)
Doerr, Eva E. (See Lawlor, Simeon C., assignor.)
Doerseln, Paul, Paterson, N. J. Shuttle tension. 2,177,134; Oct. 24.
Doetzel, Fred, Jr., Cedar Rapids, Iowa. Drafting instrument. 2,147,017; Feb. 14.
Doetzel, Fred, Jr., Cedar Rapids, Iowa. Developing device. 2,158,817; May 16.
Doggett, William, New York, N. Y. Brake mechanism for mechanically movable shelves. 2,169,602; Aug. 15.
Doh, William G., Philadelphia, Pa. Clearing device for beer dispensing systems. 2,171,142; Aug. 29.
Dohe, Ernest F. (See Wilson, W. J., and Dohe.)
Doherty, Arthur, Los Angeles, Calif. Constructional finish detail element. 2,154,036; Apr. 11.
Doherty, Frank J., assignor of three-tenths to J. J. Conroy and two-tenths to L. G. Nagler, Superior, Wis. Clothesline fastener. 2,161,461; June 6.
Doherty, H. L., New York, N. Y., assignor, by mesne assignments, to Power Patents Company, Jersey City, N. J. Process and apparatus for distilling oil. 2,164,132; June 27.
Doherty, Philip W. (See Harmon, E. T., and Doherty.)
Döhle, Hinrich, Berlin-Haselhorst, and H. Langner, Berlin-Steglitz, assignors to Telephon-Apparat Fabrik E. Zwietusch and Company, Charlottenburg, Berlin, Germany. Telephone pay station. 2,168,864; Aug. 8.
Dohrn, Max, Berlin-Charlottenburg, and P. Diedrich, Finkenkrug, Germany, assignors to Schering Aktiengesellschaft. Polyido derivatives of acylamino acids and their salts and making the same. 2,160,413; May 30.
Do Huu Chan, André, Sceaux, assignor to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Ibis, France. Device for regulating the temperature of metal cylinders. 2,184,908; Dec. 26.
Doig, Albert F. (See Froyd, Lawrence W., assignor.)
Doig, James, Wilmette, Ill., assignor to The Niagara Lithograph Company, Buffalo, N. Y. Display basket. 2,144,648; Jan. 24.
Doing, Warren P., Garden City, assignor to Atlas Supply Co. Inc., Brooklyn, N. Y. Flashing. 2,154,734; Apr. 18.
Dokkum, Teunis, Arnheim, Netherlands, assignor to American Enka Corporation, Enka, N. C. Apparatus for manufacture of cellulose xanthate. 2,174,056; Sept. 26.
Dolan & Bullock. (See Carlson, Oscar, assignor.)
Dolan, David J., Cleveland Heights, Ohio. Engine. 2,143,729; Jan. 10.
Dolan, George A. (See Smith, H. B., and Dolan.)
Dolan, J. P. J., et al. (See Spartalis, Michael P., assignor.)
Dolar, Edward, Berwyn, Ill. Condiment holder. 2,182,622; Dec. 5.
Dolar, Edward, Berwyn, Ill. Condiment holder. 2,182,623; Dec. 5.
Dolbear, Benjamin L., Belmont, Mass., assignor to Radio Corporation of America. Loop antenna. 2,169,040; Aug. 8.

Dolbear, Clinton E., Los Angeles, Calif., assignor to P. and P. K. Wiseman and C. E. Dolbear, trustees. Refining petroleum distillates. 2,154,424; Apr. 18.
Dolbier, Charles A., et al. (See Grison, Joseph, assignor.)
Dolby, Thomas P. (See Conyne, R. E., and Dolby.)
Dold, Alfred L., Drexel Hill, Pa. Hose clamp. 2,183,551; Dec. 19.
Dole Refrigerating Company. (See Kleist, Herman W., assignor.)
Dole, Richard A., San Francisco, and J. W. McBain, Stanford University, assignors to Chemical Process Company, San Francisco, Calif. Separation of foam-forming constituents from liquids. 2,162,379; June 13.
Dole, Robert M., Portland, Maine. Antiskid device for automobiles. 2,168,440; Aug. 8.
Dole Valve Company, The. (See Chace, Thomas B., assignor.)
Dole Valve Company, The. (See Drapeau, Harold B., assignor.)
Dole Valve Company, The. (See Lauer, Raymond J., assignor.)
Dole Valve Company, The. (See Lund, James K., assignor.)
Dole Valve Company, The. (See Morrison, Willard L., assignor.)
Dole Valve Company, The. (See Schultz, Michael L., assignor.)
Dole Valve Company, The. (See Tweed, Frederick H., assignor.)
Dolibois, William, Penn, Pa. Hot air gas heater pipe and dome heating system. 2,153,915; Apr. 11.
Dolison, Dewey H., Mt. Vernon, and W. R. Kromer, assignors to Oil Heating Devices, Inc., Cleveland, Ohio. Beverage dispenser. 2,162,842; June 20.
Doll, Anne M. L., administratrix. (See Schlumberger, Conrad.)
Doll, Anne M. L., administratrix. (See Schlumberger, Conrad.)
Doll, Charles E., and C. F. Copeland, Mount Clemens, Mich. Machine for manufacturing clay products. 2,180,895; Nov. 21.
Doll, Henri G., assignor to Societe de Prospection Electrique, Procedes Schlumberger, Paris, France. Method and arrangement for determining the direction and the value of the dip of beds cut by a bore hole. 2,176,169; Oct. 17.
Doll, Laurence C., Ithaca, N. Y. Racket press. 2,168,119; Aug. 1.
Dolle, William L., assignor to The Lodge & Shipley Machine Tool Company, Cincinnati, Ohio. Machine slideway. 2,167,609; July 25.
Dollinger, Lewis L., assignor to Staynew Filter Corporation, Rochester, N. Y. Automatic air filter. 2,144,451; Jan. 17.
Dollinger, Lewis L., assignor to Staynew Filter Corporation, Rochester, N. Y. Fan. 2,161,027; June 6.
Dolph, Vern H., Fort Lupton, Colo. Shears. 2,158,277; May 16.
Dolphi, James J. (See Hintze, H., and Dolphi.)
Dolza, John, and A. W. Gaubatz, Flint, assignors to General Motors Corporation, Detroit, Mich. Remote control for transmission. 2,182,252; Dec. 5.
Doman, Carl T., Geddes, N. Y., assignor to Aircooled Motors Corporation. Air cooling system for internal combustion engines. 2,142,499; Jan. 3.
Doman, Carl T., Geddes, assignor to Air Cooled Motors Corporation, Liverpool, N. Y. Internal combustion engine. 2,166,398; July 18.
Dombre, Jean P. P., Maisons Laffitte, France. Printing machine for cylindrical objects. 2,171,742; Sept. 5.
Döme, Robert, and P. Jaross, Budapest, Hungary. Driving gear of motor cars. 2,167,295; July 25.
Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. Automatic bias control. 2,143,689; Jan. 10.
Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. Control circuit. 2,166,805; July 18.
Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. Delayed automatic volume control. 2,172,160; Sept. 5.
Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. High voltage supply circuit for television systems. 2,179,447; Nov. 7.
Dome, Robert B., Bridgeport, Conn., assignor to General Electric Company. High voltage supply circuit for television systems. 2,179,448; Nov. 7.
Domek, Paul, Chicago, Ill. Radiator cover. 2,177,822; Oct. 31.
Domestic Engine & Pump Company. (See Gruman, Lloyd B., assignor.)
Domestic Manufacturing Company. (See Jenkins, Wayne E., assignor.)
Dominguez, Julio C., Tocopilla, Chile. Rotary internal combustion motor. 2,170,366; Aug. 22.
Dominick, Franklin, Darien, Conn. Window screen. 2,146,251; Feb. 7.
Dominion Electrical Manufacturing Company. (See Barnes, William A., assignor.)
Dominion Engineering Works Limited. (See Malkin, Bernard A., assignor.)
Dominion Engineering Works Limited. (See Sandwell, Percy R., assignor.)
Dominion Oxygen Company. (See Debor, Hermann, assignor.)
Dominion Oxygen Company. (See Debor, Robert, assignor.)
Dominion Truck Equipment Company Limited. (See Gurton, W. S., Plint, and Nyberg, assignors.)
Domizi, Dario, Lakewood, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Galvanic cell and cover therefor. 2,151,902; Mar. 28.
Domm, Elgin C., Niles, Mich., assignor to National-Standard Company. Tin-coated object. 2,176,066; Oct. 17.
Domm, Elgin C., assignor to National-Standard Company, Niles, Mich. Rubber coated article. 2,184,179; Dec. 19.
Domoto, Takanoshin, Oakland, Calif. Can for rice and similar edible substances. 2,181,511; Nov. 28.
Donagemma, Giuseppe and P., assignors to "Snia-Viscosa" Societá Nazionale Industria Applicazioni Viscosa, Milan, Italy. Conversion of waste regenerated cellulose to cellulose xanthate. 2,184,586; Dec. 26.
Donagemma, Piero. (See Donagemma, Giuseppe and P.)
Donaghy, Ernest E., St. Johnsbury, Vt. Milk bottle carrier. 2,182,017; Dec. 5.
Donahoo, David H., Kannapolis, assignor to The Terrell Machine Company, Charlotte, N. C. Bobbin stripping mechanism. 2,183,863; Dec. 19.
Donahue, A. J., Corporation, The. (See Jacobs, Joseph, assignor.)
Donahue, Patrick F., Waterville, assignor to Scovill Manufacturing Company, Waterbury, Conn. Disher. 2,155,700; Apr. 25.
Donahue, Patrick F., Waterville, assignor to Scovill Manufacturing Company, Waterbury, Conn. Pipe connection. 2,165,622; July 11.
Donahue, Patrick F., Waterville, and W. P. Ferguson, Middlebury, assignors to Scovill Manufacturing Company, Waterbury, Conn. Pipe connection. 2,165,621; July 11.
Donahue, William A., Detroit, Mich. Concealed hinge and reinforcement. 2,174,033; Sept. 26.
Donald, Arthur J., Milwaukee, Wis. Electroplating apparatus. 2,177,453; Oct. 24.
Donald, Bruce L., assignor of one-third to F. T. Findlay and one-third to G. A. O'Neil, Niagara Falls, N. Y. Cable clamp. 2,167,799; Aug. 1.
Donald, Bruce L., Sanborn, R. E. Molley, Buffalo, and W. T. Godard, Kenmore, N. Y., assignors to Eureka Metal Products Corporation of New York. Cable clamp. 2,174,624; Oct. 3.
Donald, Louis, assignor of one-half to T. J. Bermingham, Newark, N. J. Holder for palm. 2,143,869; Jan. 17.
Donaldson, Alfred S., Newark, N. J., assignor to Du Pont Viscoloid Company, Wilmington, Del. Display case for boudoir accessories. 2,182,200; Dec. 5.
Donaldson, Francis, Tuckahoe, N. Y., assignor to Mason & Hanger Co., Inc. Method of and apparatus for constructing concrete tunnels. 2,144,013; Jan. 17.
Donaldson, Francis, Yonkers, assignor to Mason & Hanger Company, Inc., New York, N. Y. Subaqueous tunneling. 2,154,233; Apr. 11.
Donaldson, Robert R., Jr., Pittsburgh, assignor to J. M. Hopwood, Dormont, Pa. Regulating device. 2,146,176; Feb. 7.
Donaldson, Robert R., Jr., Pittsburgh, assignor to J. M. Hopwood, Dormont, Pa. Pressure regulating device. 2,149,390; Mar. 7.
Donaldson, Robert R., Jr., Pittsburgh, assignor to J. M. Hopwood, Dormont, Pa. Regulating system. 2,177,823; Oct. 31.
Donally, Kingman N., Bellerose, N. Y. Signaling device. 2,154,670; Apr. 18.
Donath, Ernst. (See Pier, M., and Donath.)
Donath, Ernst. (See Pier, M., Simon, and Donath.)
Donath, George A., Los Angeles, Calif. Automatic battery grid casting and trimming machine. 2,156,379; May 2.
Donchi, Mendel, Newark, N. J., assignor to Cooper & Cooper, Inc., Brooklyn, N. Y. Treating metal. 2,158,278; May 16.
Doncourt, Joseph H., Woodside, N. Y. Pipe smoker's utensil. 2,179,926; Nov. 14.
Dondanville, Carroll A., Chicago, Ill. Corn popper. 2,179,146; Nov. 7.
Dondero, John A., Brooklyn, N. Y. Ink transfer pad. 2,149,511; Mar. 7.
Dondlinger, Eugene J., Chicago, Ill. Trailer transport vehicle. 2,146,467; Feb. 7.
Donleavy, John J., Hamden, Conn., assignor to Pitman-Moore Company, Indianapolis, Ind. Alkyl thio-substituted benzoic acid alkamine ester salts, intermediate and process of preparing same. 2,173,827; Sept. 26.
Donley Brothers Company, The. (See Donley, George W., assignor.)
Donley, George W., assignor to The Donley Brothers Company, Cleveland, Ohio. Fireplace construction. 2,151,016; Mar. 21.
Donnallan, Martin R., West Point, Calif. Sediment trap structure for cooling systems of automotive vehicles. 2,142,888; Jan. 3.
Donnar Products Corporation. (See Gash, Annie J., assignor.)
Donnell, Don R., Los Angeles, Calif. Scoring means in printing presses. 2,167,746; Aug. 1.
Donnellan, Myrtle L., Chicago, Ill. Garment hanger. 2,151,502; Mar. 21.
Donnelly, Victor J. F. (See Morgan, J. E. H., and Donnelly.)

Donner, Hans O., Helsingfors, Finland. Light mortar. 2,148,808; Feb. 28.
Donner, Josef, assignor, by mesne assignments, to D. Hoffman-Donner, Vienna, Austria. Device for articles of clothing or washable undergarments. 2,151,652; Mar. 21.
D'Onofrio, Marcy. (See Cotter, P. J. and D'Onofrio.)
Donohue, Nell, Chicago, Ill. Clip. 2,166,344; July 18.
Donovan, Alfred F., Boston, assignor to E. T. Wright & Company, Inc., Rockland, Mass. Footwear and making the same. 2,147,887; Feb. 21.
Donovan, Hugh H., Montgomery, Ala. Flexible parking sign. 2,164,680; July 4.
Donovan, Hugh H., Montgomery, Ala. Gasoline filler hose nozzle. 2,169,794; Aug. 15.
Donovan, Jack. (See Bishop, John H., assignor.)
Donovan, James G. (See Jennings, Howard C., assignor.)
Donovan, John F., East Cleveland, and F. J. Malloy, Cleveland Heights, Ohio, assignors to General Electric Company, Sealing-in machine. 2,152,793; Apr. 4.
Donovan, John F., East Cleveland, and F. J. Malloy, Cleveland Heights, Ohio, assignors to General Electric Company. Apparatus for sealing electric lamps and similar articles. 2,153,370; Apr. 4.
Donovan, John F., East Cleveland, and J. Flaws, Jr., Cleveland Heights, Ohio, assignors to General Electric Company. Apparatus for flattening lead wires. 2,170,784; Aug. 22.
Dons, Eddie M. (See Mapes, D. B., and Dons.)
Dons, Eddie M., O. G. Mauro, and D. B. Mapes, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Method of and apparatus for extracting constituents of mineral oils. 2,144,797; Jan. 24.
Dons, Eddie M., and D. B. Mapes, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Separating wax from oils. 2,164,391; July 4.
Doolan, Bessie C., administratrix. (See Doolan, Henry J.)
Doolan, Henry J., deceased, Washington, D. C.; B. C. Doolan, administratrix. Direction indicating device for motor vehicles. 2,146,468; Feb. 7.
Dooley, Clarence H., et al. (See Dooley, Delmar D., assignor.)
Dooley, Clarence H., et al. (See Snow, Herbert C., assignor.)
Dooley, Delmar D., et al. (See Snow, Herbert C., assignor.)
Dooley, Delmar D., assignor of one-fourth to C. H. Dooley, Rock Island, Ill., one-fourth to H. K. Dooley, Los Angeles, Calif., and one-fourth to H. C. Snow, Auburn, Ind. Transmission. 2,155,476; Apr. 25.
Dooley, Edward F., Hutchinson, Kans. Well casing. 2,183,308; Dec. 12.
Dooley, George W. (See Cramp, J. W., and Dooley.)
Dooley, H. Keith, et al. (See Dooley, Delmar D., assignor.)
Dooley, H. Keith, et al. (See Snow, Herbert C., assignor.)
Dooley, Norman C. (See Matthaei, F. C., and Dooley.)
Dooley, Robert R., and C. H. Brown, South Pasadena, Calif., assignors to Goodman Manufacturing Company, Chicago, Ill. Shoveling machine. 2,157,736; May 9.
Doolittle, Arthur K., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Vinyl resin finishing system. 2,158,111; May 16.
Doolittle, Arthur K., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Vinyl resin coatings and process producing the same. 2,160,061; May 30.
Doolittle, Arthur K., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Coated hard rubber article. 2,161,024; June 6.
Doolittle, Arthur K., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Coating composition. 2,161,025; June 6.
Doolittle, Arthur K., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Light stabilizer for vinyl resins. 2,161,026; June 6.
Doolittle, Mervin R., Jackson, Mich. Method and apparatus for control of temperature. 2,166,242; July 18.
Doom, Ernest F., Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Stabilizing manganese alloys. 2,154,607; Apr. 18.
Doom, Ernest F., Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Stabilizing silicon alloys. 2,171,108; Aug. 29.
Dootson, Norman L., San Francisco, assignor of one-half to C. W. Bassett, Antioch, Calif. Sugar dispenser. 2,159,259; May 23.
Dopyera Brothers. (See Dopyera, John.)
Dopyera, Emil, et al. (See Dopyera, John, assignor.)
Dopyera, Emil E. (See Kislingbury, Fredray H., assignor.)
Dopyera, John, Los Angeles, Calif., assignor to E., R., L., and R. Dopyera, doing business under name Dopyera Brothers. Stringed musical instrument. 2,158,322; May 16.
Dopyera, Louis, et al. (See Dopyera, John, assignor.)
Dopyera, Robert, et al. (See Dopyera, John, assignor.)
Dopyera, Rudolph, et al. (See Dopyera, John, assignor.)
Dopyera, Rudolph, Los Angeles, Calif. Electrical stringed musical instrument. 2,170,294; Aug. 22.
Doran, Albert B., Los Angeles, Calif. Recovering metals from solutions. 2,174,570; Oct. 3.
Doran, Albert B., assignor to International Cimena Inc., Los Angeles, Calif. Method and apparatus for the recovery of metal from a liquid. 2,158,410; May 16.
Doran, Bernard, Malta, Mont. Electric tooth brush. 2,179,402; Nov. 7.
Doran Bros., Inc. (See Schultze, Paul, assignor.)
Doran Brothers, Inc. (See Schultze, Paul, assignor.)
Doran, Claude J., et al. (See Hagen, Rudolf A., assignor.)
Doran, James A., Providence, R. I. High tension spark device. 2,164,311; July 4.
Doran, James A., Providence, R. I. Ignition system and apparatus. 2,173,828; Sept. 26.
Doran, James A., Providence, R. I. Spark plug. 2,174,362; Sept. 26.
Doran, John C. (See Schultze, Paul, assignor.)
Doran, John H., Scotia, N. Y., assignor to General Electric Company. Elastic fluid turbine arrangement. 2,161,617; June 6.
Doran, John H., Scotia, N. Y., assignor to General Electric Company. Turbine-casing joint. 2,169,092; Aug. 8.
Doran, John H., Scotia, N. Y., assignor to General Electric Company. Making elastic fluid turbines. 2,174,380; Sept. 26.
Doran, John H., Scotia, N. Y., assignor to General Electric Company. High pressure, high temperature turbine plant. 2,175,884; Oct. 10.
Doran, John H., Scotia, N. Y., assignor to General Electric Company. Elastic fluid turbine for ship propulsion. 2,180,140; Nov. 14.
Doran, Paul R. (See Connors, Martin W., assignor.)
Doray Lamp Co. (See Gleason, Frederick H., assignor.)
Dorcas, Merrill J., Berea, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Irradiating device. 2,167,233; July 25.
Dorcas, Merrill J., Berea, Ohio, G. C. Supplee, Bainbridge, N. Y., and F. Remesch, Jr., Parma, Ohio, assignors of one-half to The Borden Company, and one-half to National Carbon Company, Inc. Fluid irradiator. 2,163,573; June 27.
Dorcas, Merrill J., Berea, Ohio, G. C. Supplee, Bainbridge, N. Y., and F. Remesch, jr., Parma, Ohio, assignors of one-half to The Borden Company, and one-half to National Carbon Company, Inc. Fluid irradiator. 2,163,574; June 27.
Doré, Lucien, assignor to Francis Hanklin & Co. Limited, Montreal, Quebec, Canada. Fluid distributing system. 2,146,204; Feb. 7.
Doremus, Cornelius W., Washington, D. C. Shielded telephone plug. 2,170,131; Aug. 22.
Dorer, Casper J., Cleveland, Ohio. Sewing machine. 2,145,043; Jan. 24.
Dorer, Oscar H., East Orange, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Automatic check valve. 2,174,153; Sept. 26.
Dorey, George B., Westmount, Quebec, Canada, assignor to Enterprise Railway Equipment Company, Chicago, Ill. Railway car underframe. 2,178,034; Oct. 31.
Dorf, Simon, Brooklyn, N. Y. Window guard. 2,183,135; Dec. 12.
Dorgelo, Eduard G. (See Elenbaas, W., Dorgelo, and Lemmens.)
Dorgelo, Eduard G., Eindhoven, Netherlands, assignor to General Electric Company. Gas-filled electric lamp. 2,180,141; Nov. 14.
Dorgelo, Eduard G., W. Elenbaas, and H. J. Lemmens, Eindhoven, Netherlands, assignors to General Electric Company. Gaseous electric discharge lamp device. 2,152,987; Apr. 4.
Dorin, Anatol, Prague, Czechoslovakia. Machine tool. 2,154,326; Apr. 11.
Dorman, Gerson, Baltimore, Md. Cord holder. 2,160,961; June 6.
Dorman, Morris, Baltimore, Md. Traveling rotary die. 2,163,487; June 20.
Dorn, Theodore P., Detroit, Mich. Illuminated road marker. 2,172,367; Sept. 12.
Dorn, Walter, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Magneto. 2,142,094; Jan. 3.
Dorndorf, Heinrich, Witten-Ruhr, M. Kelting, Mulheim-Ruhr, and H. Tramm, Oberhausen-Holten, Germany. Apparatus for carrying through catalytic reactions. 2,148,545; Feb. 28.
Dornfeld, Reinhold, and K. Haage, Esslingen-on-the-Neckar, Germany. Ditch cutting device. 2,167,500; July 25.
Dornier, Claude, assignor of one-half to Dornier-Werke G. m. b. H., Friedrichshafen-on-the-Bodensee, Germany. Balancing system. 2,152,033; Mar. 28.
Dornier-Werke G. m. b. H. (See Dornier, Claude, assignor.)
Dornier-Werke G. m. b. H. (See Keitel, Hans J., assignor.)
Dornin, George A., Baltimore, Md. Producing rimmed steel ingots and chilling cap therefor. 2,143,410; Jan. 10.
Dornseif, Hugo, Radevormwald, Germany. Skate. 2,150,964; Mar. 21.
Dornseifer, Heinrich, Berlin, Germany. Gumming or moistening labels, envelopes, or the like. 2,142,348; Jan. 3.
Dornvan Corporation, The. (See Van Dorn, Herbert E., assignor.)

Doros, Andrew G., Elizabeth, N. J. Tire wrapper removing device. 2,158,747; May 16.
Dorozinski, Julia, New York, N. Y. Medicine feeding device. 2,184,857; Dec. 26.
Dorr Company, The. (See Darby, George M., assignor.)
Dorr Company, The. (See Darby, G. M., Weber, and Fischer, assignors.)
Dorr Company, The. (See Dorr, John V., assignor.)
Dorr Company, The. (See Fischer, A. J., and Lund, assignors.)
Dorr Company, The. (See Slade, James V., assignor.)
Dorr, John V., Westport, Conn., assignor to The Dorr Company, Inc., New York, N. Y. Sedimentation. 2,160,838; June 6.
Dorren, Jules. (See Fréling, L., and Dorren.)
Dörrer, Johannes, Dresden, Germany. Tailor's model. 2,151,017; Mar. 21.
Dorrer, Otto. (See Lange, H., and Dorrer.)
Dorrington, Neill E. (See Hartman, C. H., Dorrington, and Hangen.)
Dorris, Milburn L., Collinsville, Ill., assignor to Braden Copper Company. Casting copper cakes. 2,151,841; Mar. 28.
Dorsch, William C., Jamaica, assignor to American Seal-Kap Corporation of Delaware, Long Island City, N. Y. Mechanism for cutting and applying glue to sheet material. 2,156,804; May 2.
Dorsett, Leonard P., Bethlehem, Pa., assignor to The Standard Electric Time Company, Springfield, Mass. Interval timer. 2,158,654; May 16.
Dorsett, Tracy K., Duncan Field, San Antonio, Tex. Vaccinator. 2,179,501; Nov. 14.
Dorsey, A. L., et al. (See Wilson, Jessie W., assignor.)
Dorsey, Albert, Martins Ferry, Ohio. Attaching device for miner's lamps. 2,169,067; Aug. 8.
Dorsey, Benjamin L., Los Angeles, Calif. Fishhook disgorger. 2,152,879; Apr. 4.
Dorsey, Francis E., assignor to Hartford-Empire Company, Hartford, Conn. Glassware annealing lehr. 2,182,173; Dec. 5.
Dorsey, Leonard E., Coatesville, Pa. Penmanship correcting and analyzing ruler. 2,183,063; Dec. 12.
Dorsey, Winfred W., Mount Vernon, Ohio. Brush holder. 2,171,920; Sept. 5.
Dortch, Eulie G., Nashville, Tenn. Loose-leaf binder. 2,178,472; Oct. 31.
Dorton, John M., Bonner Springs, Kans. Convertible furniture. 2,169,486; Aug. 15.
Dortort, Isadore K., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric valve converting system. 2,164,765; July 4.
Dosberg, Paul P., Buffalo, N. Y. Adjustable apron. 2,148,152; Feb. 21.
Dosser, Robert C. (See Britton, J. W., Prescott, and Dosser.)
Dostal, Joseph L., Birmingham, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Making valve tappets and like objects. 2,142,889; Jan. 3.
Dostal, Joseph L., Birmingham, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Valve tappet. 2,152,403; Mar. 28.
Dostal, Joseph L., Birmingham, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Valve tappet. 2,152,404; Mar. 28.
Döttl, Karl. (See Ripke, O., and Döttl.)
Dotto, James, San Jose, Calif. Separator. 2,142,349; Jan. 3.
Doty, Alfred F., Bridgeport, Conn. Electric switch. 2,171,267; Aug. 29.
Doty, Arnold S., and E. F. Swazy, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Metal composition. 2,162,380; June 13.
Doty, Charles R., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,165,237; July 11.
Doty, Charles R., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Teletypewriter. 2,168,441; Aug. 8.
Doty, Charles R., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,174,691; Oct. 3.
Doty, Charles R., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,181,989; Dec. 5.
Doty, Charles R., Binghamton, and K. R. Schneider, Endicott, N. Y., and A. C. Holt, Princeton, N. J., assignors to International Business Machines Corporation, New York, N. Y. Clutch device. 2,161,563; June 6.
Doty, George A., and S. F. Kimball, assignors to The Portland Company, Portland, Maine. Barrel washing apparatus. 2,147,247; Feb. 14.
Doty, John O., and P. C. Orcutt, Indianapolis, Ind., assignors to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Masking strip. 2,171,544; Sept. 5.
Doty, John T. (See Weber, Frederick W., assignor.)
Doty, John T., Bellflower, assignor of one-half to F. W. Weber, Southgate, Calif. Hydraulic clutch. 2,159,137; May 23.
Doty, Raymond B., Cleveland, and F. A. Ross, Lakewood, assignors to Bonnar-Vawter Fanform Company, Inc., Cleveland, Ohio. Stitcher. 2,164,802; July 4.
Doty, William J., Staten Island, N. Y. Drip tray for paint pots. 2,150,965; Mar. 21.
Dotzer, Leonard, Brooklyn, N. Y., and G. D. Hugo, Seattle, Wash. Grinding mill. 2,176,892; Oct. 24.
Double, Howard E., Bradford, Pa. Hood or cabinet for bottled gas systems. 2,166,043; July 11.
Double, Plummer E., Detroit, Mich. Attaching clinch nuts. 2,183,641; Dec. 19.
Double, Walter F. (See Armington, A. P., and Double.)
Double, Walter F., Wickliffe, and A. P. Armington, Willoughby, assignors to The Euclid Road Machinery Company, Euclid, Ohio. Driving axle. 2,147,285; Feb. 14.
Doud, Hobart P., and L. H. Clary, Decatur, Ill. Brake equalizer. 2,181,967; Dec. 5.
Douden, William L., New York, N. Y., assignor to Radio Corporation of America. Sound picture fader. 2,164,736; July 4.
Dough-King, Inc. (See Gunsolley, Verne V., assignor.)
Dough-King, Inc. (See Lagaard, Alexander S. T., assignor.)
Dougherty, John, Sr., Philadelphia, Pa. Safety feeding attachment for clothes wringers. 2,179,590; Nov. 14.
Dougherty, Martinello P., Marysville, Kans. Nonremovable closure cap. 2,171,974; Sept. 5.
Douglas Aircraft Company. (See Atwood, J. L., and Pavlecka, assignors.)
Douglas Aircraft Company. (See Collbohm, Franklin R., assignor.)
Douglas Aircraft Company. (See Otterson, Otto H., assignor.)
Douglas Aircraft Company. (See Pavlecka, Vladimir H., assignor.)
Douglas Aircraft Company. (See Wetzel, Harry H., assignor.)
Douglas, Arthur H., and V. Lefebure, London, England, assignors to Imperial Chemical Industries Limited. Construction of walls, partitions, and the like. 2,172,816; Sept. 12.
Douglas Automotive Corporation. (See Douglas, G. W., and Dewey, assignors.)
Douglas, Fredric E., assignor to Draper Corporation, Hopedale, Mass. Bobbin. 2,170,773; Aug. 22.
Douglas, Fredric E., assignor to Draper Corporation, Hopedale, Mass. Bobbin receiver for looms. 2,178,518; Oct. 31.
Douglas, George W., New York, N. Y., and J. J. Dewey, Greenwich, Conn. Rotating and adjustable poppet valve. 2,165,239; July 11.
Douglas, George W., New York, N. Y., and J. J. Dewey, Greenwich, Conn.; said Dewey assignor, by mesne assignments, to Douglas Automotive Corporation, New York, N. Y. Valve for internal combustion engines. 2,165,238; July 11.
Douglas, Gordon, Stayner, Ontario, Canada. Self-closing cap for collapsible tubes. 2,170,588; Aug. 22.
Douglas, H. A., Mfg. C. (See Schmid, William, assignor.)
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical contact means. 2,143,650; Jan. 10.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical connection means. 2,144,484; Jan. 17.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Control apparatus. 2,145,160; Jan. 24.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Control apparatus. 2,145,161; Jan. 24.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical connection means. 2,145,162; Jan. 24.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical connection means. 2,145,163; Jan. 24.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical connection means. 2,145,164; Jan. 24.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical connection means. 2,145,165; Jan. 24.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical connection means. 2,145,166; Jan. 24.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical connection means. 2,145,167; Jan. 24.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electric lamp and socket construction. 2,151,089; Mar. 21.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electric lamp and socket construction. 2,151,903; Mar. 28.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical connection means. 2,153,176; Apr. 4.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical connecting means. 2,158,002; May 9.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical connection means. 2,158,003; May 9.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical connection means. 2,158,004; May 9.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical connection means. 2,164,200; June 27.

Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical connection apparatus. 2,164,201; June 27.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical connection apparatus. 2,164,202; June 27.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical connection means. 2,164,203; June 27.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical contact and connection means. 2,166,345; July 18.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical connection means. 2,166,346; July 18.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical control device. 2,172,934; Sept. 12.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical control means. 2,179,252; Nov. 7.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical connection means. 2,177,518; Oct. 24.
Douglas, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Connector. 2,178,337; Oct. 31.
Douglas, James K., Shorewood, assignor to The Oilgear Company, Milwaukee, Wis. Control for hydraulic machines. 2,142,500; Jan. 3.
Douglas, James K., Shorewood, Wis., assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic drive. 2,181,049; Nov. 21.
Douglas, John L., assignor to C. F. Noltimier, Minneapolis, Minn. Lock for outboard motors. 2,144,837; Jan. 24.
Douglas, Louis M. (See Cook, S. S., and Douglas.)
Douglas, Marie J., Palm Beach, Fla. Map holding device for airplanes. 2,176,708; Oct. 17.
Douglas, Warren A., and C. Berry, Millbrae, Calif. Bracket. 2,178,202; Oct. 31.
Douglas, William, Whitstable, England. Transfer sheet arrangement, particularly for use in typewriters or the like. 2,161,144; June 6.
Douglass, Alfred E. assignor to Fuller Company, Catasauqua, Pa. Production and cooling of cement clinker. 2,163,513; June 20.
Douglass, Daniel F., assignor of one-half to J. F. McLeod, Chesterfield, S. C. Mail pouch exchange apparatus. 2,142,607; Jan. 3.
Douglass, Eldridge P., Fayetteville, Ark. Wire screen. 2,150,647; Mar. 14.
Douglass, Emory W. (See Doennecke, H. W., Douglass, and Anderson.)
Douglass, Harry A., Bronson, Mich., assignor to Kingston Products Corporation. Electrical control and connection means. 2,159,076; May 23.
Douglass, Lloyd R. (See Cunningham, H. J., Douglass, Duncan, and Walker.)
Douglass, William A. (See Henke, C. O., Douglass, and Benner.)
Doughty, William E., assignor to James Vernor Company, Detroit, Mich. Dispensing device. 2,179,688; Nov. 14.
Douthitt Corporation. (See Campbell, James T., assignor.)
Douthitt, Frank W., Ortonville, assignor to E. C. Kraus, Le Center, Minn. Machine for preparing corn for canning on the cob. 2,158,977; May 16.
Douzille, Léon C. E., Paris, France. Metallic sash for windows and like bays. 2,148,930; Feb. 28.
Dove, George H., and R. P. Swain, Leicester, England, assignors to M. L. Dodge, Newburyport, Mass. Machine for shaping shoe uppers. 2,164,864; July 4.
Dove, John B., Atlanta, Ga., assignor of forty-nine percent to L. R. Muse. Rayon spinning machine. 2,154,304; Apr. 11.
Dove, John B., Atlanta, Ga., assignor of 49% to L. R. Muse. Manufacture and treatment of threads of artificial filaments. 2,162,575; June 13.
Dover, Samuel M. (See Morehead, James A., assignor.)
Dover Stamping and Manufacturing Company. (See Walker, George A., assignor.)
Dow, Alden B., Midland, Mich. Structural facing unit. 2,181,451; Nov. 28.
Dow Chemical Company, The. (See Alquist, F. N., and Slagh, assignors.)
Dow Chemical Company, The. (See Amos, James L., assignor.)
Dow Chemical Company, The. (See Bass, H. L., and Van Duzee.)
Dow Chemical Company, The. (See Bass, Shailer L., assignor.)
Dow Chemical Company, The. (See Bass, S. L., Fenn, and Peterson, assignors.)
Dow Chemical Company, The. (See Bender, Harry, assignor.)
Dow Chemical Company, The. (See Blue, Robert D., assignor.)
Dow Chemical Company, The. (See Britton, E. C., and Alquist, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Bryner, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Coleman, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Davis, assignors.)
Dow Chemical Company, The. (See Britton, E. C., Davis, and Taylor, assignors.)
Dow Chemical Company, The. (See Britton, E. C., Le Fevre, and Hallonquist, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Heindel, assignors.)
Dow Chemical Company, The. (See Britton, E. C., Marshall, and Davis, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Moyle, assignors.)
Dow Chemical Company, The. (See Britton, E. C., Nutting, and Petrie, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Perkins, assignors.)
Dow Chemical Company, The. (See Britton, E. C., Smith, Livak, and Sunderland, assignors.)
Dow Chemical Company, The. (See Britton, E. C., and Taylor, assignors.)
Dow Chemical Company, The. (See Britton, J. W., Coleman, and Hadler, assignors.)
Dow Chemical Company, The. (See Britton, J. W., Prescott, and Dosser, assignors.)
Dow Chemical Company, The. (See Coleman, G. H., and Berhenke, assignors.)
Dow Chemical Company, The. (See Coleman, G. H., and Dreisbach, assignors.)
Dow Chemical Company, The. (See Coleman, G. H., and Hadler, assignors.)
Dow Chemical Company, The. (See Coleman, G. H., Mills, and Moore, assignors.)
Dow Chemical Company, The. (See Coleman, G. H., and Moore, assignors.)
Dow Chemical Company, The. (See Coleman, G. H., and Moyle, assignors.)
Dow Chemical Company, The. (See Coleman, G. H., and Perkins, assignors.)
Dow Chemical Company, The. (See Coleman, G. H., and Sapp, assignors.)
Dow Chemical Company, The. (See Coleman, G. H., and Zemba, assignors.)
Dow Chemical Company, The. (See Collings, W. R., and De Pree, assignors.)
Dow Chemical Company, The. (See Collings, W. R., De Pree, and Weymouth, assignors.)
Dow Chemical Company, The. (See Dow, Willard H., assignor.)
Dow Chemical Company, The. (See Dreisbach, Robert R., assignor.)
Dow Chemical Company, The. (See Dreisbach, R. R., and Day, assignors.)
Dow Chemical Company, The. (See Dreisbach, R. R., and Heusted, assignors.)
Dow Chemical Company, The. (See Freeman, Richard D., assignor.)
Dow Chemical Company, The. (See Freeman, R. D., and Roberts, assignors.)
Dow Chemical Company, The. (See Gann, John A., assignor.)
Dow Chemical Company, The. (See Goos, A. W., and Owens, assignors.)
Dow Chemical Company, The. (See Grebe, John J., assignor.)
Dow Chemical Company, The. (See Grebe, J. J., and Chamberlain, assignors.)
Dow Chemical Company, The. (See Grebe, J. J., and Stoesser, assignors.)
Dow Chemical Company, The. (See Grether, Ernest F., assignor.)
Dow Chemical Company, The. (See Grether, E. F., and Du Vall, assignors.)
Dow Chemical Company, The. (See Grether, E. F., Shawver, and Du Vall, assignors.)
Dow Chemical Company, The. (See Hale, William J., assignor.)
Dow Chemical Company, The. (See Harris, Claire S., assignor.)
Dow Chemical Company, The. (See Heath, Sheldon B., assignor.)
Dow Chemical Company, The. (See Heath, S. B., and Corey, assignors.)
Dow Chemical Company, The. (See Heath, S. B., and Keller, assignors.)
Dow Chemical Company, The. (See Heath, S. B., and Minger, assignors.)
Dow Chemical Company, The. (See Hirschkind, W., Pye, and Thompson, assignors.)
Dow Chemical Company, The. (See Hooker, George W., assignor.)
Dow Chemical Company, The. (See Hunter, Ralph M., assignor.)
Dow Chemical Company, The. (See Kauppi, Toivo A., assignor.)
Dow Chemical Company, The. (See Kirk, Roy C., assignor.)
Dow Chemical Company, The. (See Lamb, Newton, assignor.)
Dow Chemical Company, The. (See Maasberg, Albert T., assignor.)
Dow Chemical Company, The. (See Maness, Orie N., assignor.)
Dow Chemical Company, The. (See McClurg, R. S., and Gibb., assignors.)

Dow Chemical Company, The. (See Mills, Lindley E., assignor.)
Dow Chemical Company, The. (See Moyle, Clarence L., assignor.)
Dow Chemical Company, The. (See Moyle, C. L., and Bass, assignors.)
Dow Chemical Company, The. (See Murch, W. M., and Kline, assignors.)
Dow Chemical Company, The. (See Ohman, Maurel F., assignor.)
Dow Chemical Company, The. (See Perkins, Ralph P., assignor.)
Dow Chemical Company, The. (See Peterson, F. C., and Barry, assignors.)
Dow Chemical Company. (See Peterson, F. C., and Fenn, assignors.)
Dow Chemical Company, The. (See Peterson, F. C., and Maasberg, assignors.)
Dow Chemical Company, The. (See Prutton, Carl F., assignor.)
Dow Chemical Company, The. (See Pye, D. J., and Purcell, assignors.)
Dow Chemical Company, The. (See Rickert, Paul H., assignor.)
Dow Chemical Company, The. (See Reilly, John H., assignor.)
Dow Chemical Company, The. (See Reilly, J. H., and Russell, assignors.)
Dow Chemical Company, The. (See Reilly, J. H., and Wiley, assignors.)
Dow Chemical Company, The. (See Reinhardt, Robert C., assignor.)
Dow Chemical Company, The. (See Shelley, Paul G., assignor.)
Dow Chemical Company, The. (See Slagh, Harold R., assignor.)
Dow Chemical Company, The. (See Slagh, H. R., and Alquist, assignors.)
Dow Chemical Company, The. (See Smith, Frank B., assignor.)
Dow Chemical Company, The, et al. (See Stacy, T. F., and Hoy, assignors.)
Dow Chemical Company, The. (See Stoesser, Sylvia M., assignor.)
Dow Chemical Company, The. (See Stoesser, S. M. and W. C., assignors.)
Dow Chemical Company, The. (See Stoesser, S. M., and Gabel, assignors.)
Dow Chemical Company, The. (See Van Duzee, Edward M., assignor.)
Dow Chemical Company, The. (See Wiley, Ralph M., assignor.)
Dow Chemical Company, The. (See Wiley, R. M., Alquist, and Slagh, assignors.)
Dow, Dewey M. (See Riebel, F., Jr., and Dow.)
Dow, Dewey M., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,149,588; Mar. 7.
Dow, Dewey M., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,156,805; May 2.
Dow, Dewey M., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,168,899; Aug. 8.
Dow, Dewey M., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner 2,176,455; Oct. 17.
Dow, Henry E., near Trenton, Ewing Township, Mercer County, N. J. Extension tower and actuating means therefor. 2,175,381; Oct. 10.
Dow, James N. (See Knowland, R. G., and Dow.)
Dow, Jennings B., U. S. Navy. Antenna system. 2,142,117; Jan. 3.
Dow, Jennings B., Oakcrest, Alexandria, Va. Oscillator system. 2,168,924; Aug. 8.
Dow, John W., Sioux City, Iowa. Engine fuel injector. 2,148,192; Feb. 21.
Dow, Louis F., Company. (See Matysik, Cashmire J., assignor.)
Dow, Orville E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Voltage regulator device. 2,154,200; Apr. 11.
Dow, Orville E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Line resonator and electron discharge device circuit therefor. 2,183,215; Dec. 12.
Dow, Orville E., and N. E. Lindenblad, Port Jefferson, N. Y., assignors to Radio Corporation of America. Ultra high frequency transmitter. 2,174,154; Sept. 26.
Dow, Sumner W., Boston, Mass. Spiral binder. 2,169,943; Aug. 15.
Dow, Willard H., assignor to The Dow Chemical Company, Midland, Mich. Treatment of wells. 2,175,079; Oct. 3.
Dowd, Andrew D., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regenerative telegraph repeater. 2,154,608; Apr. 18.
Dowd, Charles H., South Orange, assignor to Metal Textile Corporation, West Orange, N. J. Headwear. 2,168,765; Aug. 8.
Dowd, Lewis A., Boston, Mass. Portable take-down structure. 2,149,165; Feb. 28.
Dowdell, Ralph L., St. Paul, and R. G. Green, assignors to Regents of the University of Minnesota, Minneapolis, Minn. Bird shot. 2,167,828; Aug. 1.
Dowdy, Charles R., Milwaukee, Wis., and F. Doepke, deceased, St. Petersburg, Fla., by A. and F. C. Doepke, and W. G. Hanson, executors, assignors to Wrought Washer Manufacturing Company, Milwaukee, Wis. Thickness gauge. 2,152,880; Apr. 4.
Dowel, H. B., et al. (See Philippe, George A., assignor.)
Doweling, John J., Dublin, Irish Free State. Apparatus for determining the quantity of constituents in gases. 2,147,969; Feb. 21.
Dowling, Philip H., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,155,532; Apr. 25.
Dowling, Philip H., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Manufacture of electrical rectifiers. 2,158,748; May 16.
Dowling, Philip H., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,171,784; Sept. 5.
Down, Sidney G., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Diaphragm horn. 2,142,184; Jan. 3.
Down, Sidney G., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fuel control system. 2,159,785; May 23.
Downes, Alfred W., South Charleston, W. Va., assignor to Carbide and Carbon Chemical Corporation. Polymerization of vinyl esters. 2,183,642; Dec. 19.
Downes, John R., Middlesex, and T. R. Komline, Dunellen, N. J. Process and apparatus for thickening sludge. 2,174,873; Oct. 3.
Downey, Clement L., Cincinnati, Ohio. Coin counting machine. 2,165,240; July 11.
Downey, Clement L., Cincinnati, Ohio. Coin counting machine. 2,165,241; July 11.
Downey, Dorothy. (See Nancarrow, George, assignor.)
Downey, George T., assignor to Aero Supply Mfg. Co. Inc., Corry, Pa. Fuel cock assembly. 2,159,845; May 23.
Downey, George T., assignor to Aero Supply Mfg. Co. Inc., Corry, Pa. Fuel cock assembly. 2,164,232; June 27.
Downey, John J., Los Angeles, and W. W. Murray, Downey, Calif., assignors to Sinclair Refining Company, New York, N. Y. Manufacture of gasoline and fuel oil. 2,170,795; Aug. 29.
Downflow Syphon Company. (See Hawley, Charles G., assignor.)
Downing, Frederick B. (See Calcott, W. S., Carter, and Downing.)
Downing, Frederick B., Carneys Point, and C. J. Pedersen, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of organic substances. 2,181,121; Nov. 28.
Downing, Frederick B., Carneys Point, and C. J. Pedersen, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of organic substances. 2,181,122; Nov. 28.
Downing, John. (See Oxley, H. F., Thomas, and Downing.)
Downingtown Manufacturing Company. (See Edge, Jacob, assignor.)
Downs, Austin H., assignor to Eclipse Air Brush Company, Inc., Newark, N. J. Device for spraying paint and the like and nozzle therefor. 2,172,193; Sept. 5.
Downs, Charles R. (See Spiselman, J. W., and Downs.)
Downs, Charles R., Old Greenwich, Conn., and J. W. Spiselman, Brooklyn, N. Y., assignors to Calorider Corporation, Greenwich, Conn. Forming lumps of calcium chloride. 2,154,671; Apr. 18.
Downs, Charles R., Old Greenwich, Conn., and J. W. Spiselman, Mamaroneck, N. Y., assignors to Calorider Corporation, Greenwich, Conn. Formed bodies of solid calcium chloride hydrate. 2,154,672; Apr. 18.
Downs, Charles R., Old Greenwich, Conn., and J. W. Spiselman, Brooklyn, N. Y., assignors, by mesne assignments, to The Calorider Corporation, Old Greenwich, Conn. Humidity control. 2,171,109; Aug. 29.
Downs, Charles R., Old Greenwich, Conn., and J. W. Spiselman, Brooklyn, N. Y., assignors, by mesne assignments, to The Calorider Corporation, Old Greenwich, Conn. Humidity control method and apparatus. 2,173,802; Sept. 19.
Downs, Charles R., Greenwich, Conn., and J. W. Spiselman, Brooklyn, N. Y., assignors, by mesne assignments, to The Calorider Corporation, Old Greenwich, Conn. Air conditioning apparatus. 2,174,186; Sept. 26.
Downs, Charles R., Old Greenwich, assignor, by mesne assignments, to The Calorider Corporation, Greenwich, Conn. Method and apparatus for conditioning air. 2,183,136; Dec. 12.
Dowsett, Harry M., London, and L. E. Q. Walker, St. Albans, Hertfordshire, England, assignors to Radio Corporation of America. Television transmitter. 2,145,295; Jan. 31.
Dowsett, Harry M., and L. E. Q. Walker, London, England, assignors to Radio Corporation of America. Television system. 2,146,804; Feb. 14.
Dowsett, Harry M., Winchmore Hill, London, and L. E. Q. Walker, St. Albans, Herts, England, assignors to Radio Corporation of America. Light valve. 2,147,693; Feb. 21.
Dowsett, Harry M., London, and R. Cadzow, Argyllshire, England, assignors to Radio Corporation of America. Television and like receiver. 2,166,399; July 18.
Dowst Manufacturing Company. (See Bischof, Frank, assignor.)

Dowst, Theodore S., Chicago, Ill. Display package. 2,151,503; Mar. 21.
Dowty, George H., Cheltenham, England. Telescopic shock absorber leg for aircraft undercarriages. 2,150,495; Mar. 14.
Dowty, George H., Cheltenham, England. Retractable undercarriage for aircraft. 2,152,539; Mar. 28.
Dowty, George H., Cheltenham, England. Aircraft undercarriage. 2,174,315; Sept. 26.
Dox, Arthur W., Windsor, Ontario, Canada, assignor to Parke, Davis & Company, Detroit, Mich. Thiobarbituric acid compounds. 2,153,711; Apr. 11.
Dox, Arthur W., Windsor, Ontario, Canada, assignor to Parke, Davis & Company, Detroit, Mich. Thiobarbituric acid compounds. 2,153,712; Apr. 11.
Dox, Arthur W., Windsor, Ontario, Canada, assignor to Parke, Davis & Company, Detroit, Mich. Thiobarbituric acids. 2,182,518; Dec. 5.
Doyle & Bowers. (See Bowers, Frank E., assignor.)
Doyle, Charles H., Brooklyn, N. Y. Refrigerating method. 2,146,058; Feb. 7.
Doyle, Edward J., Watertown, and F. A. Butler, Newton Center, Mass. Locomotive lubricating system and apparatus. 2,180,867; Nov. 21.
Doyle, Harvey, Lutherville, Md., assignor to Pioneer Instrument Company, Inc., Brooklyn, N. Y. Indicating instrument for aircraft. 2,156,012; Apr. 25.
Doyle, James B., Simcoe, assignors to Canners Machinery Limited, Hamilton, Ontario, Canada. Sprocket. 2,161,913; June 13.
Doyle, James J., Chicago, Ill. Composition and method for preserving the color of meat. 2,177,519; Oct. 24.
Doyle, Lowell C., Salina, Kans. Ball bearing trolley. 2,146,289; Feb. 7.
Doyle, Percy A., Webster Groves, assignor of one-fourth to D. S. Rainey and one-half to J. O. Davies, St. Louis, Mo. Spark plug. 2,164,578; July 4.
Doyle, Thomas A. (See Dillon, Herman W., assignor.)
Doyle, William H., White Plains, N. Y. Tooth and mouth cleaning implement. 2,146,290; Feb. 7.
Drabin, John J., New York, N. Y., assignor, by mesne assignments, to Bragg-Kliesrath Corporation, South Bend, Ind. Automatic transmission. 2,163,872; June 27.
Dracco Corporation. (See Gieseler, George A., assignor.)
Drachenberg, Harry, and W. Schwab, Cincinnati, Ohio. Steering mechanism for parking automobiles. 2,142,266; Jan. 3.
Drader, Joseph C., Detroit, Mich., assignor to Michigan Tool Company. Constructing gear finishing tools. 2,164,642; July 4.
Drader, Joseph C., Detroit, Mich., assignor to Michigan Tool Company. Cutting tapered spline. 2,164,643; July 4.
Drader, Joseph C., and J. D. Rovick, assignors to Michigan Tool Company, Detroit, Mich. Finishing gears. 2,167,146; July 25.
Draeger, Rupert H., U. S. Navy. Reading machine. 2,163,593; June 27.
Draeger, Rupert H., U. S. Navy. Reading machine. 2,177,638; Oct. 31.
Draemann, Max, Cologne-Braunsfeld, Germany. Rubber thread and making same. 2,149,425; Mar. 7.
Draemann, Max, Cologne-Braunsfeld, Germany. Production of rubber filaments. 2,178,955; Nov. 7.
Drager, Johan, Amsterdam, Netherlands. Flexible screen. 2,168,022; Aug. 1.
Draheim, William C., Withee, Wis. Portable grinder. 2,166,861; July 18.
Draisbach, Fritz, Ludwigshafen-on-the-Rhine, Germany, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Stable phosphorus-containing oil emulsions. 2,145,344; Jan. 31.
Draisbach, Fritz, Ludwigshafen-on-the-Rhine, Germany. Processed cheese and preparing the same. 2,163,778; June 27.
Drake, George F., assignor, by mesne assignments, to Barber-Colman Company, Rockford, Ill. Grille and making the same. 2,145,073; Jan. 24.
Drake, George F., assignor, by mesne assignments, to Barber-Colman Company, Rockford, Ill. Control for temperature regulating systems and the like. 2,164,312; July 4.
Drake, Harcourt C., Hempstead, assignor to Sperry Products, Inc., Brooklyn, N. Y. Rail reforming device. 2,144,916; Jan. 24.
Drake, Harcourt C., Hempstead, assignor to Sperry Products, Inc., Brookliyn, N. Y. Rail flaw detector mechanism. 2,152,540; Mar. 28.
Drake, Harcourt C., Hempstead, assignor to Sperry Products, Inc., Brooklyn, N. Y. Flaw detection. 2,160,540; May 30.
Drake, Harcourt C., Hempstead, assignor to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw detector mechanism. 2,163,424; June 20.
Drake, Harcourt C., Hempstead, assignor to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw detector mechanism. 2,170,965; Aug. 29.
Drake, Harcourt C., Hempstead, assignor to Sperry Products, Inc., Brooklyn, N. Y. Rail fissure detector. 2,182,817; Dec. 12.
Drake, Harrington E. (See Lamica, Clement G., assignor.)
Drake, John L. (See Fowler, I. G., and Drake.)
Drake, John L., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for tempering glass. 2,166,427; July 18.
Drake, John L., L. L. Handy, and I. G. Fowler, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Pressure system. 2,160,062; May 30.
Drake, Leonard C., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Salt mixture for use as a thermophore. 2,158,854; May 16.
Drake, Lewis D., Mountain View, Calif. Method and apparatus for diffusion control. 2,148,445; Feb. 28.
Drake, Lewis D., Mountain View, Calif. Method and apparatus for multi-stage flotation. 2,148,446; Feb. 28.
Drake, Nathan L., College Heights, Md., assignor to Carbide and Carbon Chemicals Corporation. Methoxy acetaldehyde and making alkoxy acetaldehydes. 2,170,854; Aug. 29.
Drake, Richard A., Forreston, Ill. Rotary snow plow. 2,152,840; Apr. 4.
Drake, Vibert C., Oklahoma City, Okla. Mattress. 2,146,059; Feb. 7.
Drakoff, Peter, New York, N. Y. Automatic motion picture camera for recording accidents. 2,142,350; Jan. 3.
Drane, Phillips B., Tulsa, Okla. Breather valve and hatch for tanks. 2,169,410; Aug. 15.
Drane, Phillips B., Tulsa, Okla. Vapor saving and relief system. 2,169,411; Aug. 15.
Drane, Phillips B., Tulsa, Okla. Relief valve for tanks. 2,183,448; Dec. 12.
Drapeau, Harold B., assignor to The Dole Valve Company, Chicago, Ill. Circulatory cooling system for internal combustion engines. 2,176,331; Oct. 17.
Drapeau, Harold B., Oak Park, assignor to The Dole Valve Company, Chicago, Ill. Valve for engine temperature control. 2,184,291; Dec. 26.
Drapeau, Joseph E., Jr., Calumet City, Ill., assignor to The Glidden Company, Cleveland, Ohio. Preparing copper powder. 2,170,814; Aug. 29.
Drapeau, Joseph E., Jr., Hammond, Ind., assignor to The Glidden Company, Cleveland, Ohio. Plumbite solution. 2,178,742; Nov. 7.
Drapeau, Joseph E., Jr., Calumet City, and J. O. Johnstone, Chicago, Ill., assignors to The Glidden Company, Cleveland, Ohio. Metallic powder composition. 2,173,100; Sept. 19.
Drapeau, Joseph E., Jr., Calumet City, Ill., and L. G. Klinker, Hammond, Ind., assignors to The Glidden Company, Cleveland, Ohio. Treatment of metallic powders. 2,181,123; Nov. 28.
Draper, Charles T., Cleveland Heights, assignor to The Draper Manufacturing Company, Cleveland, Ohio. Thread swaging apparatus. 2,145,587; Jan. 31.
Draper, Charles T., Cleveland Heights, assignor to The Draper Manufacturing Company, Cleveland, Ohio. Container closure construction. 2,156,237; Apr. 25.
Draper Corporation. (See Brown, Carl D., assignor.)
Draper Corporation. (See Douglas, Fredric E., assignor.)
Draper Corporation. (See Herring, Frank D., assignor.)
Draper Corporation. (See Lanier, Henry J., assignor.)
Draper Corporation. (See Lundgren, William E., assignor.)
Draper Corporation. (See Tifft, Emerson B., assignor.)
Draper, Ernest E. (See Percy, C., and Draper.)
Draper, Harold W., West Orange, and J. C. Day, Maplewood, assignors to The Whitehead & Hoag Company, Newark, N. J. Badge. 2,145,296; Jan. 31.
Draper Manufacturing Company, The. (See Draper, Charles T., assignor.)
Draper, Neal, assignor of one-half to J. W. Gaskill, Albuquerque, N. Mex. Injector nozzle. 2,142,973; Jan. 3.
Draper, Thomas, Millington, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control apparatus. 2,162,501; June 13.
Draving, Arthur M., assignor to Hugh H. Eby, Inc., Philadelphia, Pa. Electrical terminal prong. 2,163,779; June 27.
Draving, Arthur M., assignor to Hugh E. Eby, Inc., Philadelphia, Pa. Electrical terminal prong. 2,164,766; July 4.
Draving, Arthur M., and W. I. Ingham, Philadelphia, Pa., assignors, by mesne assignments, to Chicago Telephone Supply Company, Elkhart, Ind. Electric switch and the like. 2,159,369; May 23.
Dravo Corporation. (See Dawson, Albert J., assignor.)
Dravo Corporation. (See Miller, J. S., and Rhoads, assignors.)
Dreffein, Henry A., Chicago, Ill. Metal treating furnace and method. 2,145,074; Jan. 24.
Dregney, Rodell A. (See Frank, L. R., and Dregney.)
Dreher, Elmer H., Rockville Centre, assignor to Remington Rand Inc., Buffalo, N. Y. Calculating machine. 2,172,748; Sept. 12.
Dreher, Harley M., Medina, Ohio. Bolting or clamping device. 2,162,611; June 13.
Dreibuss, Harry C., assignor to H. Scullin, St. Louis, Mo. Wheel. 2,177,693; Oct. 31.
Dreisbach, Charles A., Yonkers, N. Y. Shifting device for automobiles. 2,165,461; July 11.
Dreisbach, Gerald H., Wauseon, Ohio. Floating drawbar guide for tractors. 2,150,269; Mar. 14.
Dreisbach, Robert H., assignor, by mesne assignments, to The Magnavox Company, Incorporated, Fort Wayne, Ind. Volume control for electrical sound reproducer. 2,144,565; Jan. 17.

Dreisbach, Robert H., assignor, by mesne assignments, to The Magnavox Company, Incorporated, Fort Wayne, Ind. Sound reproducing apparatus. 2,144,566; Jan. 17.
Dreisbach, Robert R. (See Coleman, G. H., and Dreisbach.)
Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Ethylated-di-isopropyl benzene. 2,149,762; Mar. 7.
Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Manufacture of nuclear alkylated anilines. 2,159,370; May 23.
Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Alkylated chloro-aromatic hydrocarbon mixtures. 2,174,069; Sept. 26.
Dreisbach, Robert R., assignor to The Dow Chemical Company, Midland, Mich. Pyrolysis of secondary-butylbenzene derivatives. 2,182,313; Dec. 5.
Dreisbach, Robert R., and J. Day, assignors to The Dow Chemical Company, Midland, Mich. Separating ortho- and para-amino-ethyl-benzenes. 2,165,165; July 4.
Dreisbach, Robert R., and G. B. Heusted, assignors to The Dow Chemical Company, Midland, Mich. Alkylated poly-isopropyl halo-benzenes. 2,183,552; Dec. 19.
Dreischerf, Henry C., Chicago, Ill. System for supplying electricity to motor vehicles. 2,152,405; Mar. 28.
"Drela" Flechtmaterialges, m. b. H. (See Dressel, Georg, assignor.)
Drenkard, Adam, Jr., Grantwood, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Resonator selector for carrier conveyer systems. 2,150,430; Mar. 14.
Drenkard, Adam, Jr., Grantwood, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Capacity selector for carrier conveyer systems. 2,150,431; Mar. 14.
Drenkard, Adam, Jr., Grantwood, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Carrier spacing means. 2,174,718; Oct. 3.
Drennan, Harry E., Whittenburg, Tex., assignor to Phillips Petroleum Company. Treating hydrocarbon oils. 2,160,249; May 30.
Drennan, Harry E., Whittenburg, Tex., assignor to Phillips Petroleum Company. Treating hydrocarbon oils. 2,181,877; Dec. 5.
Dresag, A. G. (See Byland, Conrad F., assignor.)
Dresden-Leipziger Schnellpressen-Fabrik A. G. (See Lang, Karl T., assignor.)
Dreshfield, Arthur C., assignor to Hercules Powder Company, Wilmington, Del. Dry size. 2,168,399; Aug. 8.
Dresner, S., & Son, Inc. (See Plotkin, Joseph H., assignor.)
Dresner, S., & Son, Inc. (See Plotkin, Oscar H., assignor.)
Dressel, Georg, Weidhausen, assignor to the firm "Drela" Flechtmaterialges, m. b. H., Nuremberg, Germany. Twisted strand. 2,142,308; Jan. 3.
Dressel, Henry M., assignor to Oak Manufacturing Company, Chicago, Ill. Vibrator. 2,148,193; Feb. 21.
Dresser, Frank A., Burlington, Vt. Articulated leg brace. 2,174,719; Oct. 3.
Dresser Manufacturing Company. (See Engelman, Robert C., assignor.)
Dresser Manufacturing Company. (See Torgler, Edward R., assignor.)
Dresser, Richard N., et al., trustee. (See Johnson, Chester W., assignor.)
Dresser, S. R., Manufacturing Company. (See Pfefferle, George H., assignor.)
Dressler, Philip D., assignor to Swindell Dressler Corporation, Pittsburgh, Pa. Tunnel kiln construction and method of operation. 2,159,965; May 30.
Dreux, Emile S., Smithfield Township, Monroe County, Pa. Egg container. 2,175,559; Oct. 10.
Dreverhoff, Rudolf, Cincinnati, Ohio. Crankshaft lathe. 2,155,857; Apr. 25.
Drew, Donald E., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic material and making same. 2,167,105; July 25.
Drew, Frank L., Aberdeen, Md. Shell filling and closing machine. 2,150,913; Mar. 21.
Drew, John, Binghamton, N. Y. Sediment indicator. 2,177,060; Oct. 24.
Drew, John E., assignor to Durham Duplex Razor Company, Jersey City, N. J. Razor blade and holder therefor. 2,169,383; Aug. 15.
Drew, Richard G., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Stenciling. 2,156,279; May 2.
Drew, Richard G., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Adhesive sheeting. 2,156,380; May 2.
Drew, Richard G., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Unified paper web. 2,173,829; Sept. 26.
Drew, Richard G., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Adhesive sheeting. 2,177,627; Oct. 31.
Drew, Richard G., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Packaging and resulting articles. 2,183,330; Dec. 12.
Drew, William F., assignor to Bakers & Confectioners Supply Co. of California, Los Angeles, Calif. Bake Oven. 2,183,236; Dec. 12.
Drewell, Paul, Berlin-Reinckendorf, and E. Steudel, Berlin-Dahlem, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Relaxation oscillator. 2,157,529; May 9.
Drewett, Arthur F. (See Henton, A. O., and Drewett.)
Drews, Gustav. (See Hansen, James, assignor.)
Drewsen, Pierre, assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Roll clearing. 2,155,083; Apr. 18.
Drewsen, Pierre, Sandusky, Ohio, assignor to The Barrett Company, New York, N. Y. Felt making. 2,162,943; June 20.
Drexler, Charles, Indianapolis, Ind. Angular driving mechanism. 2,147,832; Feb. 21.
Dreyer, Albert. (See Fentress, J., and Dreyer.)
Dreyer, Edwin H., assignor of thirty per cent to E. F. Hendee, Chicago, Ill. Support and control for electrical appliances. 2,144,527; Jan. 17.
Dreyer, Floyd H., Indianapolis, Ind. Wheel banking device. 2,162,067; June 13.
Dreyer, Francis L., and C. Bromley, Pretoria, Transvaal, Union of South Africa; said Bromley assignor to said Dreyer. Flushing valve for urinals, water closets, and the like. 2,177,099; Oct. 24.
Dreyer, Hans, assignor to Schloemann Aktiengesellschaft, Dusseldorf, Germany. Die holder for metal extrusion presses. 2,172,867; Sept. 12.
Dreyer, John F., Jr., Brooklyn, N. Y., assignor to Radio Corporation of America. Radio receiving system. 2,161,616; June 6.
Dreyer, William C., Dallas, Tex., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic drilling machine. 2,182,624; Dec. 5.
Dreyfus, Camille, New York, N. Y. Treatment of textile fabrics and the products thereof. 2,145,297; Jan. 31.
Dreyfus, Camille, New York, N. Y. Fabric and making same. 2,147,736; Feb. 21.
Dreyfus, Camille, New York, N. Y. Articles of cellulose esters. 2,157,167; May 9.
Dreyfus, Camille, New York, N. Y. Treatment of fabrics and product thereof. 2,167,234; July 25.
Dreyfus, Camille, New York, and W. Whitehead and H. Platt, Cumberland, Md., assignors to Celanese Corporation of America. Crepe fabric containing organic derivatives of cellulose. 2,144,676; Jan. 24.
Dreyfus, Camille, New York, N. Y., and H. Platt, Cumberland, Md., assignors to Celanese Corporation of America. Yarn and wabric and preparing same. 2,145,923; Feb. 7.
Dreyfus, Camille, New York, N. Y., and H. Platt, Cumberland, Md., assignors to Celanese Corporation of America. Treatment of textile fabrics and the product thereof. 2,158,110; May 16.
Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Making textile materials. 2,160,839; June 6.
Dreyfus, Camille, New York, N. Y., and W. Whitehead, Cumberland, Md., assignors to Celanese Corporation of America. Yarn and fabric of mixed fibers. 2,172,439; Sept. 12.
Dreyfus, Henry. (See Rivat, Georges, assignor.)
Dreyfus, Henry, London, England. Crepe thread and fabric. 2,142,118; Jan. 3.
Dreyfus, Henry, London, England. Manufacture of artificial filaments, ribbons, films, and like materials. 2,142,121; Jan. 3.
Dreyfus, Henry, London, England. Crepe thread and fabric. 2,142,122; Jan. 3.
Dreyfus, Henry, London, England. Manufacture of artificial materials. 2,142,718; Jan. 3.
Dreyfus, Henry, London, England. Manufacture of vinyl compounds. 2,145,345; Jan. 31.
Dreyfus, Henry, London, England. Crimped or waved yarn and fabric containing such yarn. 2,145,346; Jan. 31.
Dreyfus, Henry, London, England. Production and treatment of artificial textile materials containing organic derivatives of cellulose. 2,155,410; Apr. 25.
Dreyfus, Henry, London, England. Manufacture of cellulose derivative materials. 2,155,411; Apr. 25.
Dreyfus, Henry, London, England. Production of yarns, fabrics, etc., having a basis of organic derivatives of cellulose. 2,159,011; May 23.
Dreyfus, Henry, London, England. Acetylating cellulose acetate textile materials. 2,159,012; May 23.
Dreyfus, Henry, London, England. Textile and other materials and their production. 2,159,013; May 23.
Dreyfus, Henry, London, England. Manufacture of artificial materials. 2,159,014; May 23.
Dreyfus, Henry, London, England. Manufacture of artificial materials. 2,159,015; May 23.
Dreyfus, Henry, London, England. Manufacture of artificial materials. 2,159,016; May 23.
Dreyfus, Henry, London, England. Thermal dehydration of aliphatic acids. 2,160,840; June 6.
Dreyfus, Henry, London, England. Thermal dehydration of aliphatic acids. 2,160,841; June 6.
Dreyfus, Henry, London, England. Thermal dehydration of aliphatic acids. 2,160,842; June 6.
Dreyfus, Henry, London, England. Organic materials. 2,170,190; Aug. 22.
Dreyfus, Henry, London, England. Manufacture of cellulose. 2,175,257; Oct. 10.

Dreyfus, Henry, London, England. Endothermic chemical processes carried out in the gaseous phase. 2,176,419; Oct. 17.
Dreyfus, Henry, London, England. Vinyl acetate, ethylidine diacetate, and homologous esters. 2,176,958; Oct. 24.
Dreyfus, Henry, London, England. Manufacture of cellulose derivatives. 2,181,264; Nov. 28.
Dreyfus, Henry, London, England. Manufacture of cellulose. 2,183,643; Dec. 19.
Dreyfus, Henry, London, and D. Finlayson and C. E. Stafford, Spondon, near Derby, England, assignors to Celanese Corporation of America. Crepe thread and fabric and the manufacture thereof. 2,142,119; Jan. 3.
Dreyfus, Henry, London, and R. W. Moncrieff, S. J. Menzer, and T. Eccles, Spondon, near Derby, England, assignors to Celanese Corporation of America. Crepe thread and fabric containing artificial filaments. 2,142,120; Jan. 3.
Dreyfus, Henry, London, and D. Finlayson, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of artificial yarns or other materials. 2,142,716; Jan. 3.
Dreyfus, Henry, London, and R. W. Moncrieff and F. B. Hill, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of cellulose derivative materials. 2,142,717; Jan. 3.
Dreyfus, Henry, London, and R. W. Moncrieff and F. B. Hill, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of textile and other materials. 2,142,719; Jan. 3.
Dreyfus, Henry, London, and R. W. Moncrieff and F. B. Hill, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of artificial materials. 2,142,720; Jan. 3.
Dreyfus, Henry, London, and D. Finlayson, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of artificial yarns or other materials. 2,142,721; Jan. 3.
Dreyfus, Henry, London, R. W. Moncrieff and F. B. Hill, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of cellulose derivative materials. 2,142,722; Jan. 3.
Dreyfus, Henry, London, and R. W. Moncrieff and W. M. Glass, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of textile and other materials. 2,142,890; Jan. 3.
Dreyfus, Henry, London, and W. A. Dickie, Spondon, near Derby, England, assignors to Celanese Corporation of America. Crepe thread and fabric. 2,144,677; Jan. 24.
Dreyfuss, Henry, New York, N. Y., assignor to The New York Central Railroad Company. Car compartment illuminating and ventilating means. 2,153,242; Apr. 4.
Dreyfus, Henry, London, D. Finlayson and R. G. Perry, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of textiles and other materials. 2,161,805; June 13.
Dreyfus, Henry, London, R. W. Moncrieff, and F. B. Hill, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of organic materials. 2,162,881; June 20.
Dreyfus, Henry, London, and W. A. Dickie, Spondon, near Derby, England, assignors to Celanese Corporation of America. Fabric and its manufacture. 2,171,626; Sept. 5.
Dreyfus, Henry, London, and D. Finlayson and R. G. Perry, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of textile materials. 2,175,183; Oct. 10.
Dreyfus, Henry, London, and R. W. Moncrieff, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of artificial materials. 2,178,743; Nov. 7.
Dreyfus, Henry, London, and R. W. Moncrieff, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloration of textile and other materials. 2,182,963; Dec. 12.
Dreyfus, Henry, London, and R. W. Moncrieff, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloration of textile and other materials. 2,182,964; Dec. 12.
Dreyfus, Jean, Paris, France. Radio receiver. 2,150,210; Mar. 14.
Dreyfus, Ludwig, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Furnace for heating pieces by means of high frequency currents. 2,176,488; Oct. 17.
Dreymann, Carl G., Pittsburgh, Pa. Producing laminated paperboard and the like. 2,152,732; Apr. 4.
Driftmeyer, Herbert L., Fort Wayne, Ind., assignor to General Electric Company. Electrical winding. 2,184,272; Dec. 26.
Drill, Daniel C., assignor to American Rock Wool Corporation, Wabash, Ind. Fluid blast nozzle. 2,151,090; Mar. 21.
Drill, Daniel C., assignor to American Rock Wool Corporation, Wabash, Ind. Means whereby minerals may be melted. 2,165,242; July 11.
Drill, Daniel C., assignor to American Rock Wool Corporation, Wabash, Ind. Apparatus for making mineral wool. 2,166,400; July 18.
Drill, Daniel C., assignor to American Rock Wool Corporation, Wabash, Ind. Producing fibrous material. 2,178,871; Nov. 7.

Drilling, Arthur J. (See Pierce, James F., assignor.)
Dr. ing. h. c. F. Porsche, K.-G. (See Porsche, Ferdinand, assignor.)
Dr. ing. h. c. F. Porsche, K.-G. (See Rabe, Karl, assignor.)
Dring, Arthur W., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Housing. 2,151,751; Mar. 28.
Dripps, Clara R., Los Angeles, Calif. Decorative article and making it. 2,148,931; Feb. 28.
Dripps, Harold, Lake Charles, La. Oil well sample taking means. 2,152,794; Apr. 4.
Driscoll, Dennis L., assignor to L. F. Baash, Los Angeles, Calif. Bushing and slip assembly. 2,144,146; Jan. 17.
Driscoll, Dennis L., assignor to L. F. Baash, Los Angeles, Calif. Slip handle. 2,174,103; Sept. 26.
Driscoll, Edward J. and W. L., West Springfield, Mass. Bracing device. 2,154,735; Apr. 18.
Driscoll, William L. (See Driscoll, Edward J. and W. L.)
Driscoll, Wilmer C., Roanoke, Va. Game. 2,185,055; Dec. 26.
Drissner, Alfred E., assignor to The National Acme Company, Cleveland, Ohio. Stock stop. 2,170,633; Aug. 22.
Dri-Steam Valve Corporation. (See Pascale, Pasquale, assignor.)
Drittel, Julius, et al. (See Krassner, Irving, assignor.)
Driver, Charles H., Racine, Wis. Floor-sanding machine. 2,180,039; Nov. 14.
Driver, Charles H., Racine, Wis. Sanding drum. 2,180,040; Nov. 14.
Driver-Harris Company. (See Sammon, Joseph, assignor.)
Droll, Joseph W., Chicago, and A. H. Olson, Evanston, assignors to Droll Patents Corporation, Chicago, Ill. Mattress tufting machine. 2,163,780; June 27.
Droll Patents Corporation. (See Droll, J. W., and Olson, assignors.)
Dronsfield, James, Oldham, England. Setting gauge for setting revoluble emery grinder rollers. 2,146,370; Feb. 7.
Dross, Rudolf A., New York, N. Y. Carrier. 2,151,293; Mar. 21.
Drost, Roy W. (See Drost, William H. and R. W.)
Drost, William H. and R. W., Portland, Oreg. Liquid seal for shafts. 2,182,981; Dec. 12.
Drotning, Henry O., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic printing machine. 2,146,886; Feb. 14.
Drotning, Henry O., assignor to Eastman Kodak Company, Rochester, N. Y. Air vent for folding cameras. 2,183,989; Dec. 19.
Drover, Edmund C., Wausau, Wis. Writing cabinet. 2,156,776; May 2.
Droz, Philip. (See White, P. W., and Droz.)
Drucker, Abraham, New York County, and J. Gluckman, Bronx County, N. Y.; said Gluckman assignor to said Drucker. Strip perforating and cutting-off machine. 2,171,785; Sept. 5.
Drucker, Julius, Leverkusen-I. G. Werk, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the Main, Germany. Pigments. 2,148,194; Feb. 21.
Druding, Bertha. (See Rothenbush, Ray E., assignor.)
Drugan, William G. (See Fraser, H. J., Drugan, and McDowell.)
Drujon, Maxence, Aix-en-Provence, France. Manufacture of salts by base exchange by means of zeolite. 2,155,477; Apr. 25.
Drum, Harry S., and W. C. Dodson, Abington, assignors to Smith, Drum and Company, Philadelphia, Pa. Method and apparatus for treating artificial thread. 2,171,975; Sept. 5.
Drum, Harry S., and W. C. Dodson, Abington, and W. H. Jaxheimer, assignors to Smith, Drum and Company, Philadelphia, Pa. Dyeing package yarn. 2,180,896; Nov. 21.
Drummond, Arthur, Rye, N. Y. Key check and rack. 2,159,322; May 23.
Drummond, Price, Lakewood, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Closure for dry cells. 2,179,816; Nov. 14.
Drummond, Robert S., Detroit, Mich. Machine for cutting gears. 2,157,981; May 9.
Drummond, Robert S., Detroit, Mich. Gear-cutting machine. 2,168,932; Aug. 8.
Drummond, Robert S., Detroit, Mich. Making rotary gear cutters. 2,169,632; Aug. 15.
Drucks, Carl, Jackson Heights, Long Island, N. Y. Sash securing device for opened windows. 2,159,474; May 23.
Druyvesteyn, Mari J. (See Reerink, E. H., and Druyvesteyn.)
Drybak Corporation, The. (See Speh, Herman A., assignor.)
Drycor Felt Company. (See Walsh, P. H., and Gates, assignors.)
Drysdale & Company et al. (See Inglis, John, assignor.)
Duaei, Alexander J. (See Mickelson, A. O., and Duaei.)
Duaei, Alexander J., Lombard, Ill. Stacking pipe. 2,149,589; Mar. 7.
Dual Message Clock Co. (See Perry, Arthur S., assignor.)
Duane, Harry B., Boston, and W. H. Long, Malden, Mass., assignors to The Smack Corporation, New York, N. Y. Combined cylinder forming and filling machine. 2,165,354; July 11.

Duarte J., Jesus M., El Paso, Tex. Mechanical toy. 2,164,313; July 4.
Dubbs, Benton E., Kokomo, Ind. Self-clearing rake. 2,164,233; June 27.
Dubbs, Carbon P., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Hydrocarbon oil conversion. 2,158,962; May 16.
Dube, John E. (See Giesler, J. V., and Dube.)
Dube, John E., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Temperature regulator. 2,165,355; July 11.
Duberstein, Samuel, and N. Lawner, Brooklyn, N. Y., assignors to American Sundries Company, Inc. Sterilizer. 2,158,692; May 16.
Dubilier, Philip, assignor to Nova Electric Corporation, New York, N. Y. Electrolytic condenser. 2,151,504; Mar. 21.
Dubilier, William, New Rochelle, assignor to Cornell-Dubilier Corporation, New York, N. Y. Making electrical condensers. 2,143,369; Jan. 10.
Du Bois, Alfred, Paris, France. Hopper. 2,144,181; Jan. 17.
Du Bois, Alfred, Paris, France. Closing of valve bags 2,147,970; Feb. 21.
Du Bois, David I., Millville, N. J., assignor, by mesne assignments, to Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Method and apparatus for treatment of glass and similar ware. 2,166,428; July 18.
Dubois, Joseph G. (See Coates, Raymond, assignor.)
Du Bois Soap Company, The. (See Miller, S. J., Sway, and Breckel, assignors.)
Du Bois, Virgil L., Tulsa, Okla. Valve. 2,162,840; June 20.
Du Bon, George. (See Phinney, R. H., and Du Bon.)
Dubonnet, André, Neuilly-sur-Seine, France. Elastic system. 2,160,541; May 30.
Dubosclard, Paul P. M., assignor to K. V. Deem, Buffalo, N. Y. Conduit cleaner. 2,161,028; June 6.
Du Boscq de Beaumont, Henry M. E., Saint-Victor l'Abbaye, France. Method and device for making articles consisting of a band of the helical type. 2,179,881; Nov. 14.
Du Brie, Stanley R. (See Edwardes, J., and du Brie.)
Du Brul, Clarence J., Cincinnati, Ohio. Machine for assorting cylindrical articles by diameter. 2,168,519; Aug. 8.
Dubsky, Arthur, Vienna, Austria. Friction-wheel pyrophoric lighter. 2,168,732; Aug. 8.
Ducamp, Albert J., and M. E. A. Baule, Chaville, France. Pickling metals. 2,152,406; Mar. 28.
Ducellier, Gilbert L. R., and M. A. Isman, Maison-Carree (Algerie), France. System for producing a pulsating circulation in apparatus containing gas evolving products. 2,174,203; Sept. 26.
Ducey, Roger H., Belmont, Mass. Vehicle identification and signaling device. 2,156,806; May 2.
Duckoff, Maxwell E., Manchester, N. H., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe bottom construction. 2,151,018; Mar. 21.
Duclos, Aeneas J. N., South Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Material treating apparatus. 2,171,232; Aug. 29.
Duda, Wentzel R., Pittsburgh, Pa., assignor to Continental Roll and Steel Foundry Company. Roll handling tool. 2,165,921; July 11.
Duda, Wentzel R., Pittsburgh, Pa., assignor to Mackintosh-Hemphill Company. Thrust bearing for rolling mills. 2,178,628; Nov. 7.
Dudeck, Paul H., Detroit, Mich. Electrostatic reproducer. 2,147,092; Feb. 14.
Dudenhofen, John J., St. Clair, assignor of thirty-seven and one-half per cent to J. C. Henley, St. Louis, and twenty-five per cent to G. R. Ericson, Kirkwood, Mo. Making shoes. 2,160,650; May 30.
Dudleston, Leonard. (See Lawson, Leslie, assignor.)
Dudley, Edward F., Oak Park, assignor to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Rotary sheet transfer mechanism. 2,144,752; Jan. 24.
Dudley, Edward F., Oak Park, assignor to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Ink fountain. 2,169,681; Aug. 15.
Dudley, Homer W., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,150,364; Mar. 14.
Dudley, Homer W., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal transmission. 2,151,091; Mar. 21.
Dudley, Homer W., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,181,265; Nov. 28.
Dudley Lock Corporation. (See Machinist, Harold, assignor.)
Dudley Lock Corporation. (See Molinare, Anthony W., assignor.)
Dudley, Oscar E., Hyattsville, Md., assignor to Submarine Signal Company, Boston, Mass. System for geological explorations. 2,147,643; Feb. 21.
Dudgeon, Harry A., Kenilworth, England, assignor to Norton Company, Worcester, Mass. Mercury switch. 2,150,674; Mar. 14.
Duell, Charles H. (See Duell, E. B., and Duell.)
Duell, Edith B. and C. H., Hartford, Conn. Measuring closure for containers. 2,162,068; June 13.
Duer, Ernst, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Sulphur dyestuffs from carbazole-indophenols and making same. 2,147,971; Feb. 21.
Duerr, Charles, Glendale, Long Island, assignor to Jacoby-Bender, Inc., New York, N. Y. Safety clasp for wrist-watch straps. 2,148,263; Feb. 21.
Duerr, Ludwig, assignor to Luftschiffbau Zeppelin G. m. b. H., Friedrichshafen, Bodensee, Germany. Water ballast device for aircraft. 2,161,739; June 6.
Dues, Clarence E. (See Adams, Schalto E., assignor.)
Duevel, Charles O., Jr. (See Payson, A. H., and Duevel.)
Dufault, Homer D., East Hampton, assignor to Holyoke Heater Company, Holyoke, Mass. Burner apparatus. 2,148,368; Feb. 21.
Dufault, Homer D., Easthampton, assignor to Holyoke Heater Co., Holyoke, Mass. Heating unit. 2,163,552; June 20.
Duff-Norton Manufacturing Company, The. (See Eck, Karl, assignor.)
Duff-Norton Manufacturing Company, The. (See Schwerin, Frank H., assignor.)
Duffe, Frank A., Wilton Junction, Iowa. Gate operating means. 2,180,803; Nov. 21.
Duffield, George B., assignor to Detroit Lubricator Company, Detroit, Mich. Air vent valve. 2,167,433; July 25.
Duffield, George B., assignor to Detroit Lubricator Company, Detroit, Mich. Closure. 2,183,488; Dec. 12.
Duffield, William A., assignor to Juno Corporation Limited, Montreal, Quebec, Canada. Automatic power transmission. 2,144,256; Jan. 17.
Duffield, William A., assignor to Modern Equipment Limited, Montreal, Quebec, Canada. Fluid coupling. 2,156,040; Apr. 25.
Duffield, William A., Windsor, Ontario, assignor to Modern Equipment Limited, Montreal, Quebec, Canada. Variable speed transmission. 2,156,041; Apr. 25.
Duffy, Charles G., Brooklyn, N. Y., assignor to Sealed Joint Products Co., Inc. Building unit and structure formed therefrom. 2,176,213; Oct. 17.
Duffy, Elmer L., Yakima, Wash. Golf practice and amusement apparatus. 2,144,439; Jan. 17.
Duffy, Robert E., and C. W. Uschold, Buffalo, N. Y. Combustion chamber for oil burners. 2,153,175; Apr. 4.
Du Four, Jean, Antwerp, Belgium. Typographical single-type composing machine. 2,158,224; May 16.
Dufour, Léon, Versoix, Switzerland. Two-cycle engine. 2,154,975; Apr. 18.
Dufour, Léon, Geneva, Switzerland. Motor cultivating machine. 2,168,733; Aug. 8.
Dufour, René A., Paris, and H. A. Leduc, Mantes-Gassicourt, France. Device for the vulcanization of rubber. 2,163,993; June 27.
Du Frane, Frank I., Company. (See Erickson, Lennart G., assignor.)
Duftschmid, Franz, Heidelberg, and E. Linckh and F. Winkler, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of valuable hydrocarbons and their derivatives containing oxygen. 2,159,077; May 23.
Dugan, Thomas M., and A. C. Marton, McKeesport, Pa., assignors to National Tube Company. Scaffold. 2,181,784; Nov. 28.
Dugaw, Eugene, Tacoma, Wash. Patch-making tool. 2,168,766; Aug. 8.
Duggan, Claude L. (See Maxwell, J. A., Crosthwaite, and Duggan.)
Duggan, James, Melrose, Iowa. Electric circuit controlling device. 2,156,722; May 2.
Duhan, Frederick W., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Tongs for handling glassware. 2,176,251; Oct. 17.
Duinker, Daniel M. (See Bruijnes, J., Duinker, and Mulder.)
Duisburger Kupferhutte et al. (See Kuss, Ernst, assignor.)
Duisburger Kupferhutte et al. (See Kuss, E. Emert, and Hake, assignors.)
Duisburger Kupferhutte et al. (See Kuss, E. Horalek, and Emert, assignors.)
Du Jat, John C., Reynoldsburg, Ohio. Bucksaw. 2,148,734; Feb. 28.
Dukas, James K., Kingston, Pa. Furnace grate. 2,184,292; Dec. 26.
Duke, Henry. (See Overland, Leo D., assignor.)
Dulany, Ralph O. (See Hitchens, Thomas B., assignor.)
Dulion, Henry C., and C. R. Murphy, Oakland, Calif. Variable speed transmission. 2,143,238; Jan. 10.
Dull, Marshall L., Catonsville, assignor to Dull Radio Laboratories, Inc., Baltimore, Md. Phase modulation transmitter. 2,183,905; Dec. 19.
Dull Radio Laboratories, Inc. (See Dull, Marshall L., assignor.)
Dultgen, Arthur, Queens Village, and A. Stobb, Astoria, N. Y., and M. Stoessel, Ridgewood, N. J.; said Stobb assignor to said Dultgen and said Stoessel. Method and means for maintaining register in multiunit presses. 2,142,501; Jan. 3.
Dultmeier, Frank J., Casey, Iowa. Steering stabilizer for tractors. 2,145,236; Jan. 31.
Dumble, William H., Bakersfield, assignor to P. Cavins, Long Beach, Calif. Well bailer. 2,180,935; Nov. 21.

Dumble, William H., Bakersfield, Calif. Tool spinner for well drilling. 2,182,374; Dec. 5.
Dumbleton, Claude, Peterborough, England, assignor to Baker Perkins Company Inc., Saginaw, Mich. Biscuit or like oven. 2,179,253; Nov. 7.
Dumelin, Charles, Detroit, Mich. Concealed hinge for automobile doors. 2,142,558; Jan. 3.
Dumke, Willy. (See Schimkus, K. E., and Dumke.)
Dummer, Edward J., and A. Gay, assignors to Multipost Co., Rochester, N. Y. Envelope opening machine. 2,146,110; Feb. 7.
Dummer, Edward J., and A. Gay, assignors to Multipost Co., Rochester, N. Y. Envelope opening machine. 2,157,232; May 9.
Dummer, Edward J., and A. Gay, assignors to Multipost Company, Rochester, N. Y. Envelope opening machine. 2,159,260; May 23.
Dummer, Edward J., and A. Gay, assignors to Multipost Company, Rochester, N. Y. Envelope opening machine. 2,163,026; June 20.
Du Mont, Allen B., Laboratories, Inc. (See Du Mont, Allen B., assignor.)
Du Mont, Allen B., Upper Montclair, assignor to Allen B. Du Mont Laboratories, Inc., Passaic, N. J. Method and system for television communication. 2,157,749; May 9.
Du Mont, Allen B., assignor to Allen B. Du Mont Laboratories, Inc., Upper Montclair, N. J. Cathode ray tube. 2,163,256; June 20.
Du Mont, Allen B., Laboratories, Inc. (See Goldsmith, Thomas T., Jr., assignor.)
Dunagin, Raymond R., Hattiesburg, Miss. Stump splitter. 2,157,483; May 9.
Dunajeff, Leonid A., New York, N. Y. Hypodermic syringe. 2,150,738; Mar. 14.
Dunajeff, Leonid A., assignor to Commercial Ingredients Corporation, New York, N. Y. Resilient sheet. 2,158,929; May 16.
Dunaway, Louis S. (See Brazeale, Jelks M., assignor.)
Dunaway, Ulrich C., St. Louis, and F. M. Cunningham, Maplewood, assignors for James R. Kearney Corporation, St. Louis, Mo. Apparatus for imparting pull to electrical conductors. 2,162,069; June 13.
Dunaway, Ulrich C., St. Louis, and F. M. Cunningham, Maplewood, assignors for James R. Kearney Corporation, St. Louis, Mo. Apparatus for putting slack in anchoring assemblies of electrical conductors. 2,162,070; June 13.
Dunbar, Charles, Manchester, England, assignor to Imperial Chemical Industries Limited. Dry-cleaning fluid. 2,165,356; July 11.
Dunbar, Ernest W., Hudson, assignor to Cambridge Rubber Co., Cambridge, Mass. Rubber footwear. 2,180,924; Nov. 21.
Dunbar, Harry, Spokane, Wash. Garbage can cover. 2,153,916; Apr. 11.
Dunbar, Thomas L. (See Merrill, A. D., and Dunbar.)
Dunbeck, Norman J., assignor to Eastern Clay Products, Inc., Eifort, Ohio. Composition. 2,180,897; Nov. 21.
Dunbrook, Raymond F., and B. J. Humphrey, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Antioxidant for rubber composition. 2,160,200; May 30.
Dunbrook, Raymond F., and B. J. Humphrey, assignors to The Firestone Tire & Rubber Company, Akron, Ohio. Preserving rubber and product thereof. 2,165,623; July 11.
Dunbrook, Raymond F., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Rubber composition and method of preserving rubber. 2,180,936; Nov. 21.
Duncan Coffee Company. (See Davis, Clifford R., assignor.)
Duncan Electric Manufacturing Company. (See Emens, Albert L., assignor.)
Duncan Electric Manufacturing Company. (See Green, Stanley S., assignor.)
Duncan Electric Manufacturing Company. (See Road, R. A., and Green, assignors.)
Duncan, George R., Washington, Mo. Milk filtering and cooling device. 2,172,577; Sept. 12.
Duncan, George W., Shelltown, Md. Animal trap. 2,143,305; Jan. 10.
Duncan, Herbert L., Highland Park, assignor of one-half to L. P. Threlkeld, Detroit, Mich. Control mechanism for internal combustion engines. 2,159,017; May 23.
Duncan, James A. (See Cunningham, H. J., Douglass, Duncan, and Walker.)
Duncan, James F., Waterbury, Conn. Valve operating mechanism. 2,170,516; Aug. 22.
Duncan, John O., assignor of one-half to C. C. Liest, Fresno, Calif. Trailer hitch. 2,181,178; Nov. 28.
Duncan, Justin R., Collingswood, N. J., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Cathode ray deflecting apparatus. 2,168,978; Aug. 8.
Duncan, Merritt E., Atlanta, Ga. "Memo" stand. 2,166,131; July 18.
Duncan, Theodore R., Los Angeles, Calif. Mechanical toy. 2,169,682; Aug. 15.
Duncan, Thomas P., Jr., Newport News, Va. Adjustable golf club head. 2,179,034; Nov. 7.
Duncan, Robert A., Wyoming, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Detergent for toilet use containing incompletely esterfied polyhydric alcohol. 2,175,285; Oct. 10.
Duncan, William M., Jr., Shaker Heights, Ohio. Seal. 2,163,488; June 20.
Dunecklee, Elmer R., Mystic, Conn., and C. M. Sheldon, Westerly, R. I., assignors to The Atwood Machine Company, Stonington, Conn. Stop motion for twisting machines. 2,179,498; Nov. 14.
Dundas, William A., Winnetka, and P. Harrington, Wilmette, Ill. Method of and apparatus for disposing of sewage waste. 2,148,447; Feb. 28.
Dundas, William A., Winnetka, and P. Harrington, Chicago, Ill. Method of and apparatus for disposing of sewage waste and the like. 2,148,981; Feb. 28.
Duner Co. (See Duner, Sven, assignor.)
Duner, Sven, Wheaton, assignor to Duner Co., Chicago, Ill. Water closet. 2,165,243; July 11.
Duner, Sven, Wheaton, assignor to Duner Co., Chicago, Ill. Water closet. 2,166,944; July 25.
Duner, Sven, Wheaton, assignor to Duner Co., Chicago, Ill. Water closet. 2,167,645; Aug. 1.
Dunford, Ernest, assignor to Landis Machine Company, St. Louis, Mo. Edge trimmer. 2,162,944; June 20.
Dungler, Julien, Thann, France. Variable translation speed feeding device for fabrics and the like. 2,145,044; Jan. 24.
Dunglinson, Burton, London, England, assignor to Republic Flow Meters Company, Chicago, Ill. Flowmeter. 2,146,371; Feb. 7.
Dunham, Aubra R. (See Dunham, C. A. and A. R., Crosthwait, and Miller.)
Dunham, Clayton A. and A. R., Glencoe, D. N. Crosthwait, Jr., Chicago, Ill., and P. D. Miller, Michigan City, Ind., assignors to Experimental Laboratories Incorporated, Chicago, Ill. Generating mixed fluid heating medium. 2,169,683; Aug. 15.
Dunham, Elmer J., and W. C. Yeakel, Battle Creek, assignors to Clark Equipment Company, Buchanan, Mich. Control valve means. 2,167,106; July 25.
Dunham, Elmer J., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Industrial truck. 2,178,367; Oct. 31.
Dunham, Elmer J., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Industrial truck. 2,178,368; Oct. 31.
Dunham, Elmer J., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Industrial truck. 2,178,369; Oct. 31.
Dunham, Elmer J., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Industrial truck. 2,178,370; Oct. 31.
Dunham, George W. (See De Remer, J. G., and Dunham.)
Dunham, George W. (See Hays, D., and Dunham.)
Dunham, George W., Westport, Conn., assignor to General Electric Company. Washing machine. 2,161,618; June 6.
Dunham, George W., Westport, Conn., assignor to General Electric Company. Washing machine. 2,161,619; June 6.
Dunham, George W., Westport, Conn., assignor to General Electric Company. Shoe for rotary ironers. 2,170,680; Aug. 22.
Dunham, George W., Westport, Conn., assignor to General Electric Company. Washing machine and the like. 2,182,661; Dec. 5.
Dunham, George W., Westport, and R. T. Lautz, Bridgeport, Conn., assignors to General Electric Company. Control for ironers. 2,182,662; Dec. 5.
Dunham, Henry V. (See Corwin, J. F., and Dunham.)
Dunham, James V., Southampton, and E. R. Rechel, Philadelphia, Pa. Detecting the flight of projectiles past a given point. 2,146,723; Feb. 14.
Dunham, Le Roy S., East Orange, assignor to Edison-Splitdorf Corporation, West Orange, N. J. Engine shaft magneto. 2,144,218; Jan. 17.
Dunham, Le Roy S., East Orange, and A. F. Robertson, Belleville, assignors to Edison-Splitdorf Corporation, West Orange, N. J. Rotor for magneto electric generator. 2,161,953; June 13.
Dunham, Le Roy S., East Orange, and A. F. Robertson, Belleville, assignors to Edison-Splitdorf Corporation, West Orange, N. J. Magneto electric generator. 2,161,954; June 13.
Dunham, Le Roy S., East Orange, assignor to Edison-Splitdorf Corporation, West Orange, N. J. Magneto mounting means. 2,161,955; June 13.
Dunham, Lewis W., Brooklyn, N. Y. Game. 2,159,966; May 30.
Dunham, Paul O., Elizabeth, assignor to Gasoline Products Company, Inc., Newark, N. J. Treatment of hydrocarbons. 2,172,276; Sept. 5.
Dunhill, Alfred, Notting Hill, England. Automatic uncoupling of toy railway vehicles. 2,178,016; Oct. 31.
Dunhill, Alfred, Notting Hill, England. Automatic coupling for toy railway vehicles. 2,178,035; Oct. 31.
Dunkak, Elmer B., Baltimore, Md., assignor to The C. M. Kemp Manufacturing Company. Roll heater. 2,153,958; Apr. 11.
Dunkelow, Henry J., assignor to Twin Disc Clutch Company, Racine, Wis. Clutch mechanism. 2,174,316; Sept. 26.
Dunkelow, Henry J., assignor to Twin Disc Clutch Company, Racine, Wis. Clutch. 2,174,317; Sept. 26.
Dunkelow, Henry J., assignor to Twin Disc Clutch Company, Racine, Wis. Clutch. 2,180,403; Nov. 21.
Dunkerley, Norman. (See Brierley, A. W., Dunkerley, and Hunter.)

Dunlap, Charles K., assignor to Sonoco Products Company, Hartsville, S. C. Thread cores. 2,162,841; June 20.
Dunlap, Charles W., assignor to Plibrico Jointless Firebrick Company, Chicago, Ill. Wall support. 2,178,782; Nov. 7.
Dunlap, Charles W., assignor to Plibrico Jointless Firebrick Company, Chicago, Ill. Wall anchor. 2,183,712; Dec. 19.
Dunlap, Weyman B., Jr., Corpus Christie, Tex., assignor to Delta Foundation Company, Inc. Underreamer. 2,178,852; Nov. 7.
Dunleavey, Michael F. (See Meyer, W. R., and Dunleavey.)
Dunlop, James, Park Ridge, assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Moving stairway. 2,152,795; Apr. 4.
Dunlop Rubber Company. (See Murphy, E. A., Round, and Norcross, assignors.)
Dunlop Rubber Company. (See Smith, H., and Taylor, assignors.)
Dunlop Rubber Company Limited. (See Murphy, E. A., Trobridge, and Andrews, assignors.)
Dunlop Rubber Company Limited. (See Murphy, E. A., Trobridge, and Ward, assignors.)
Dunlop Rubber Company Limited. (See Ward, A. N., and Purkis, assignors.)
Dunlop Tire and Rubber Corporation. (See Ball, Samuel G., assignor.)
Dunlop Tire and Rubber Corporation. (See Chapman, Wilfred H., assignor.)
Dunlop Tire and Rubber Corporation. (See Hardeman, W. E., and Daw, assignors.)
Dunlop Tire and Rubber Corporation. (See Miserentino, Charles O., assignor.)
Dunlop Tire and Rubber Corporation. (See Simpson, E., Stubbs, and Norcross, assignors.)
Dunmore, Francis W. (See Lowell, P. D., and Dunmore.)
Dunmore, Francis W., Washington, D. C., assignor to the Government of the United States represented by the Secretary of Commerce. Radio system for collision prevention. 2,146,724; Feb. 14.
Dunmore, Francis W., Washington, D. C., assignor to the Government of the United States, represented by the Secretary of Commerce. Warning system for indicating the proximity of aircraft. 2,157,122; May 9.
Dunn, Allen I., assignor to Cedar Rapids Engineering Company, Cedar Rapids, Iowa. Torque wrench. 2,159,354; May 23.
Dunn, Allen I., assignor to Cedar Rapids Engineering Company, Cedar Rapids, Iowa. Torque wrench. 2,159,373; May 23.
Dunn, Carl L., assignor to The Trion Company, Trion, Ga. Glove manufacture. 2,168,819; Aug. 8.
Dunn, Edward I., San Francisco, Calif. Animal sanitary appliance. 2,160,473; May 30.
Dunn, Edward L., Livingston, N. J., assignor to Otis Elevator Company, New York, N. Y. Operating mechanism for closures for moving stairway wellway openings. 2,173,900; Sept. 26.
Dunn, Fred P., Glendale, assignor to Utility Trailer Manufacturing Company, Los Angeles, Calif. Coupling apparatus. 2,183,990; Dec. 19.
Dunn, Harold V., Olean, N. Y. Machine for notching and bending pipes. 2,160,327; May 30.
Dunn, Holbert E. (See Rees, C. P., Dunn, and Sproul.)
Dunn, Holbert E., Crafton, assignor to Vanadium Corporation of America, Bridgeville, Pa. Preferential pneumatic grinding and scrubbing of ores and minerals. 2,175,457; Oct. 10.
Dunn, James, Bellflower, Ill. Lawn mower sharpening means. 2,174,204; Sept. 26.
Dunn, James F., Washington, D. C. Desk. 2,165,244; July 11.
Dunn, Jerry J., Ellwood City, Pa., assignor to National Tube Company. Apparatus for welding pipes and tubes. 2,179,176; Nov. 7.
Dunn, John C., Providence, R. I. Closure device for a tubular member adapted for displaying advertising matter. 2,157,750; May 9.
Dunn, John S., Syracuse, N. Y. Rescue apparatus. 2,175,748; Oct. 10.
Dunn, Joseph A. (See Harding, Robert E., assignor.)
Dunn, Thomas H., assignor to Stanolind Oil & Gas Company, Tulsa, Okla. Chemical plugging of brine-bearing strata. 2,156,219; Apr. 25.
Dunn, Thomas H., assignor to Stanolind Oil & Gas Company, Tulsa, Okla. Chemical plugging of strata. 2,156,220; Apr. 25.
Dunn, Vernon E., Fairfield, Iowa. Washing machine drive mechanism. 2,153,301; Apr. 4.
Dunn, William C. (See Denneen, F. S., and Dunn.)
Dunn, William C. (See Denneen, F. S., Dunn, and Mitchell.)
Dunn, William G., et al. (See Malme, Elmer K., assignor.)
Dunn, William G., Clarinda, Iowa. Wind driven generator distributor mechanism. 2,182,224; Dec. 5.
Dunn, William H. R., Los Angeles, Calif. Knitting needle connector. 2,183,791; Dec. 19.
Dunn, William L., assignor to Belmont Radio Corporation, Chicago, Ill. Radio speaker control structure aid circuit for use with automatic tuning devices for radio receivers. 2,170,261; Aug. 22.
Dunn, William T. (See Neracher, C. A., and Dunn.)
Dunn, William T., assignor to Chrysler Corporation, Detroit, Mich. Driving mechanism. 2,147,737; Feb. 21.
Dunn, William T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,159,426; May 23.
Dunn, William T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,159,427; May 23.
Dunn, William T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Driving mechanism. 2,159,428; May 23.
Dunn, William T., A. J. Syrovy, and R. T. Bucy, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,159,429; May 23.
Dunn, William T., assignor to Chrysler Corporation, Detroit, Mich. Driving mechanism. 2,159,430; May 23.
Dunn, William T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,177,872; Oct. 31.
Dunn, William T., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,182,427; Dec. 5.
Dunn, William T., and O. W. Schotz, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,170,856; Aug. 29.
Dunn, William T., and T. Iavelli, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,173,648; Sept. 19.
Dunnam, Frank E., and R. H. Schmidt, Fort Worth, assignors of one-third to R. L. Dewees, Tarrant County, Tex. Nonremovable illuminated license plate for motor vehicles. 2,156,753; May 2.
Dunnell, Warren W., Los Angeles, Calif. Dispensing container. 2,155,084; Apr. 18.
Dunning, Eric W. B., London, and P. H. Pearce, Exeter, assignors to The Gas Light & Coke Company, Westminster, London, England. Griller. 2,180,868; Nov. 21.
Dunning Lueckel Engineering Company. (See Lueckel, William J., assignor.)
Dunning, Orville M., Glen Ridge, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonographic system. 2,146,425; Feb. 7.
Dunning, Orville M., Glen Ridge, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Sound recording and reproducing system. 2,163,671; June 27.
Dunning, Orville M., Glen Ridge, and C. T. Jacobs, New Providence Township, Union County, assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Coupled circuit system. 2,170,048; Aug. 22.
Dunning, Orville M., Glen Ridge, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Translating device. 2,174,692; Oct. 3.
Dunphy, Raymond A., Penns Grove, N. J., assignor to Kinetic Chemicals, Inc., Wilmington, Del. Preparing halogenated acyclic hydrocarbons containing fluorine. 2,146,725; Feb. 14.
Dunsheath, Percy, Kent, assignor to W. T. Henley's Telegraph Works Company Limited, London, England. Electric cable system. 2,151,092; Mar. 21.
Dunsheath, Percy, Sidcup, Kent, assignor to Henley Extrusion Machine Company, Limited, London, England. Machine for the continuous extrusion of metal. 2,172,651; Sept. 12.
Dunsheath, Percy, Sidcup, Kent, assignor to Henley Extrusion Machine Company Limited, London, England. Apparatus for feeding ingots into melting furnaces. 2,174,918; Oct. 3.
Dunsheath, Percy, Sidcup, assignor to Henley Extrusion Machine Company Limited, London, England. Metal extrusion machine. 2,183,959; Dec. 19.
Dunsmore, Robert C. (See Johnson, K. C., and Dunsmore.)
Dunstan, Edwin E. (See Feerick, J., and Smyth, assignors.)
Dunston, Wayne E. (See Girl, C., and Dunston.)
Dunston, Wayne E. (See Girl, C., Dunston, and Caldwell.)
Dunston, Willard J., Watertown, assignor of one-half to C. A. Ballou, Newton Center, Mass. Fuel mixing device. 2,173,754; Sept. 19.
Dunwoodie, David M., Sr., Dayton, Ohio. Fastening device. 2,156,683; May 2.
Dunz, Carl E., Wallisellen, Switzerland. Refrigerating apparatus. 2,167,264; July 25.
Dunzweiler, Carl J., assignor to Willard Storage Battery Company, Cleveland, Ohio. Storage battery. 2,180,463; Nov. 21.
Duofold Inc. (See Coppel, C. R., Morse, and Riseley, assignors.)
Duplessis, René E. (See Pym, A. F., and Duplessis.)
Duplex Printing Press Company. (See Behrens, Herbert C., assignor.)
Duolite Letter Corporation. (See Lowinger, Eugene, assignor.)
Duo-Safety Ladder Corporation. (See Arps, Edmund J., assignor.)
Duplan Silk Corporation. (See Bouvet, R., and Haesler, assignors.)
Dupler, Raymond R., Toledo, Ohio. Globe mounting. 2,177,351; Oct. 24.
Dupler, Raymond R., Toledo, Ohio. Illuminated globe mounting. 2,177,352; Oct. 24.

Duplessis, René E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for use in manufacturing boots and shoes. 2,180,277; Nov. 14.
Duplex Printing Press Company, The. (See Behrens, Herbert C., assignor.)
Duplex Printing Press Company. (See Blackley, James L., assignor.)
Duplex Printing Press Company. (See Behrens, Herbert C., assignor.)
Duplex Printing Press Company, The. (See Blackley, James L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Adams, Roger, assignor.)
Du Pont, E. I., de Nemours & Company. (See Alexander, H. L., du Pont, and Foulke, assignors.)
Du Pont, E. I., de Nemours & Company. (See Alles, Francis P., assignor.)
Du Pont, E. I., de Nemours & Company. (See Alt, Cornelius A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Arnold, Harold W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Arnold, H. W., and Austin, assignors.)
Du Pont, E. I., de Nemours & Company. (See Arnold, Luther B., Jr., assignor.)
Du Pont, E. I., de Nemours & Company. (See Austin, P. R., and Salzberg, assignors.)
Du Pont, E. I., de Nemours & Company. (See Ayres, H. R., and Winslow, assignors.)
Du Pont, E. I., de Nemours & Company. (See Baker, John D., assignor.)
Du Pont, E. I., de Nemours & Company. (See Baker, L. S., and Schwartz, assignors.)
Du Pont, E. I., de Nemours and Company. (See Ball, Robert W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Banigan, Thomas F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Barrett, H. J., and Lazier, assignors.)
Du Pont, E. I., de Nemours & Company. (See Barrett, H. J., and Strain, assignors.)
Du Pont, E. I., de Nemours & Company. (See Barrett, H. J., and Wernlund, assignors.)
Du Pont, E. I., de Nemours & Company. (See Beard, Earl E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Beard, E. E., and Perkins, assignors.)
Du Pont, E. I., de Nemours & Company. (See Benning, Anthony F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Benning, A. F., McHarness, and Hartig, assignors.)
Du Pont, E. I., de Nemours & Company. (See Berliner, Julius F. T., assignor.)
Du Pont, E. I., de Nemours & Company. (See Boice, Russell, assignor.)
Du Pont, E. I., de Nemours & Company. (See Boller, Ernest R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Booge, James E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Booge, J. E., and Laftman, assignors.)
Du Pont, E. I., de Nemours & Company. (See Bousquet, Euclid W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Bousquet, E. W., and Salzberg, assignors.)
Du Pont, E. I., de Nemours & Company. (See Bowlus, H. G., and Wirth, assignors.)
Du Pont, E. I., de Nemours & Company. (See Boyd, James H., Jr., assignor.)
Du Pont, E. I., de Nemours & Company. (See Brant, Gilbert W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Brooks, Clarence W., Jr., assignor.)
Du Pont, E. I., de Nemours & Company. (See Burke, A. K., and McKeon, assignors.)
Du Pont, E. I., de Nemours & Company. (See Burrows, Lawton A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Burrows, L. A., and Filbert, assignors.)
Du Pont, E. I., de Nemours & Company. (See Burrows, L. A., and Handforth, assignors.)
Du Pont, E. I., de Nemours & Company. (See Burrows, L. A., and Lawson, assignors.)
Du Pont, E. I., de Nemours & Company. (See Buxbaum, Edwin C., assignor.)
Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., Carter, and Downing, assignors.)
Du Pont, E. I., de Nemours & Company. (See Calcott, W. S., Tinker, and Linch, assignors.)
Du Pont, E. I. de Nemours & Company. (See Calcott, W. S., and Youker, assignors.)
Du Pont, E. I., de Nemours & Company. (See Campbell, Robert J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Carleton, P. W., and Woodward, assignors.)
Du Pont, E. I., de Nemours & Company. (See Carlisle, Paul J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Carothers, Wallace H., assignor.)
Du Pont, E. I., de Nemours and Company. (See Carothers, W. H., and Collins, assignors.)
Du Pont, E. I., de Nemours & Company. (See Carothers, W. H., and Graves, assignors.)
Du Pont, E. I., de Nemours & Company. (See Carothers, W. H., and Hill, assignors.)
Du Pont, E. I., de Nemours & Company. (See Carr, D. M., and Pilcher, assignors.)
Du Pont, E. I., de Nemours & Company. (See Carter, Albert S., assignor.)
Du Pont, E. I., de Nemours and Company, et al. (See Carter, F. E., Handforth, and Kirst, assignors.)
Du Pont, E. I. de Nemours & Company. (See Carter, A. S., and Starkweather, assignors.)
Du Pont, E. I., de Nemours & Company. (See Castner, James B., assignor.)
Du Pont, E. I., de Nemours & Company. See Catlin, Willlard E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Chambers, Ivan F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Chambers, I. F., and Fox, assignors.)
Du Pont, E. I., de Nemours & Company. (See Charch, William H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Charch, W. H., and Bateman, assignors.)
Du Pont, E. I., de Nemours & Company. (See Clar, Erich, assignor.)
Du Pont, E. I., de Nemours & Company. (See Cochran, P. B., Hitt, and Van Taylor, assignors.)
Du Pont, E. I., de Nemours & Company. (See Coffman, Donald D., assignor.)
Du Pont, E. I., de Nemours & Company. (See Cole, John E., assignor.)
Du Pont, E. I. de Nemours & Company. (See Cooper, Nelson C., assignor.)
Du Pont, E. I., de Nemours & Company. (See Crane, P. W., and Fields, assignors.)
Du Pont, E. I., de Nemours & Company. (See Cupery, Martin E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Cupery, M. E., and McQueen, assignors.)
Du Pont, E. I., de Nemours & Company. (See Cupery, M. E., and Shipp, assignors.)
Du Pont, E. I., de Nemours & Company. (See Dahlen, M. A., and Friedrich, assignors.)
Du Pont, E. I., de Nemours & Company. (See Dahlen, M. A., and Zwilgmeyer, assignors.)
Du Pont, E. I., de Nemours & Company. (See Dangelmajer, Charles, assignor.)
Du Pont, E. I., de Nemours & Company. (See Daniels, Charles E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Daudt, H. W., and Hannum, assignors.)
Du Pont, E. I., de Nemours & Company. (See Davis, Clyde O., assignor.)
Du Pont, E. I., de Nemours & Company. (See Deem, A. G., and Lazier, assignors.)
Du Pont, E. I. de Nemours & Company. (See Deinet, Joseph, assignor.)
Du Pont, E. I., de Nemours & Company. (See Denslow, R. R., Erskine, and Horning, assignors.)
Du Pont, E. I. de Nemours & Company. (See de Ropp, Harald W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Detrick, Stanley R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Dettwyler, William, assignor.)
Du Pont, E. I., de Nemours & Company. (See Dietrich, Melvin A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Dittmar, Harry R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Dobrovolny, F. J., Youel, and Klein, assignors.)
Du Pont, E. I., de Nemours & Company. (See Downing, F. B., and Pedersen, assignors.)
Du Pont, E. I., de Nemours & Company. (See Drew, Donald E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Edgar, D. E., and Stauffer, assignors.)
Du Pont, E. I., de Nemours & Company. (See Edwards, David H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Edwards, D. H., and Hartman, assignors.)
Du Pont, E. I., de Nemours & Company. (See Ellsworth, D. C., and Hahn, assignors.)
Du Pont, E. I., de Nemours & Company. (See Engelmann, Max, assignor.)
Du Pont, E. I., de Nemours & Company. (See Ensminger, George R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Erickson, Wallace A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Etzelmiller, Robert E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Evans, David F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Fiedler, Stuart O., assignor.)
Du Pont, E. I., de Nemours & Company. (See Fields, C. M., and Wilkens, assignors.)
Du Pont, E. I., de Nemours & Company. (See Fields, Charles M. and R. T., assignors.)
Du Pont, E. I., de Nemours & Company. (See Flenner, Albert L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Flint, Robert B., assignor.)
Du Pont, E. I., de Nemours & Company. (See Flint, R. B., and Mitchell, assignors.)

Du Pont, E. I., de Nemours & Company. (See Flint, R. B., and Salzberg, assignors.)
Du Pont, E. I., de Nemours & Company. (See Flory, Paul J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Foulke, Willing B., assignor.)
Du Pont, E. I., de Nemours & Company. (See Foulke, W. B., and Wills, assignors.)
Du Pont, E. I., de Nemours & Company. (See Fox, Arthur L., assignor.)
Du Pont, E. I. de Nemours & Company. (See Freund, Ernst, assignor.)
Du Pont, E. I., de Nemours & Company. (See Frey W., and Schwalenstöcker, assignors.)
Du Pont, E. I., de Nemours & Company. (See Gideon, W. B., and Hauff, assignors.)
Du Pont, E. I., de Nemours & Company. (See Gilbert, Harvey N., assignor.)
Du Pont, E. I., de Nemours & Company. (See Gilpin, Donald P., assignor.)
Du Pont, E. I., de Nemours & Company. (See Gladding, Ernest K., assignor.)
Du Pont, E. I., de Nemours & Company. (See Graham, Clinton D., assignor.)
Du Pont, E. I., de Nemours & Company. (See Graham, Donald P., assignor.)
Du Pont, E. I., de Nemours & Company. (See Graves, G. D., assignor.)
Du Pont, E. I., de Nemours & Company. (See Graves, George D., assignor.)
Du Pont, E. I., de Nemours & Company. (See Greager, O. H., and Patterson, assignors.)
Du Pont, E. I., de Nemours & Company. (See Griggs, Ernest L., Jr., assignor.)
Du Pont, E. I., de Nemours & Company. (See Gubelmann, Ivan, assignor.)
Du Pont, E. I., de Nemours & Company. (See Gubelmann, I., and Calcott, assignors.)
Du Pont, E. I., de Nemours & Company. (See Gubelmann, I., and Spiegler, assignors.)
Du Pont, E. I., de Nemours & Company. (See Haag, Ivan L., assignor.)
Du Pont, E. I. de Nemours & Company. (See Hahn, Frederick C., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hamilton, A. G., and Perkins, assignors.)
Du Pont, E. I., de Nemours & Company. (See Hanahan, M. L., and Gagnon, assignors.)
Du Pont, E. I., de Nemours & Company. (See Handforth, S. L., and Tilley, assignors.)
Du Pont, E. I., de Nemours & Company. (See Hannum, C. W., and Rossander, assignors.)
Du Pont, E. I., de Nemours & Company. (See Hansley, Virgil L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hanson, Victor F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Harmon, Edward F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Harmon, Jesse, assignor.)
Du Pont, E. I., de Nemours & Company. (See Harmon, J., and McQueen, assignors.)
Du Pont, E. I., de Nemours & Company. (See Hardy, Vernal R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Harris, Charles R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Haskins, Joseph F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Havas, Emeric, assignor.)
Du Pont, E. I., de Nemours & Company. (See Heckert, Winfield W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Benner, assignors.)
Du Pont, E. I., de Nemours & Company. (See Henke, C. O., Douglass, and Benner, assignors.)
Du Pont, E. I., de Nemours & Company. (See Henke, C. O., and Richmond, assignors.)
Du Pont, E. I., de Nemours & Company. (See Hershberger, Albert, assignor.)
Du Pont, E. I., de Nemours & Company. (See Higgins, Dale G., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hitch, Emmet F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hitch, E. F., and Kvalnes, assignors.)
Du Pont, E. I., de Nemours & Company. (See Hitch, E. F., Rossander, and Kvalnes, assignors.)
Du Pont, E. I., de Nemours & Company. (See Hoff, G. P., and Parker, assignors.)
Du Pont, E. I., de Nemours & Company. (See Holmes, Harrison H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Holt, Harold S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Holt, L. C., and Alexander, assignors.)
Du Pont, E. I., de Nemours & Company. (See Holt, L. C., and Daudt, assignors.)
Du Pont, E. I., de Nemours & Company. (See Hooper, Gilman S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Hopkins, H. H., and McDermott, assignors.)
Du Pont, E. I., de Nemours & Company. (See Howell, Edward T., assignor.)
Du Pont, E. I., de Nemours & Company. (See Howk, Benjamin W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Howk, B. W., and Lazier, assignors.)
Du Pont, E. I., de Nemours & Company. (See Hucks, Robert T., assignor.)
Du Pont, E. I., de Nemours & Company. See Hull, Richard O., assignor.)
Du Pont, E. I. de Nemours & Company. (See Izard, Emmette F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Jacobson, Ralph A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Johnson, Alfred J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Johnson, C. R., and Kirst, assignors.)
Du Pont, E. I., de Nemours & Company. (See Jordan, H., and Rossander, assignors.)
Du Pont, E. I., de Nemours & Company. (See Keller, Manfred, assignor.)
Du Pont, E. I., de Nemours & Company. (See Kepfer, Raymond J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Kepfer, R. J., and Devor, assignors.)
Du Pont, E. I., de Nemours & Company. (See Kepfer, R. J., and Telfer, assignors.)
Du Pont, E. I., de Nemours & Company. (See Kirst, William E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Klein, David X., assignor.)
Du Pont, E. I., de Nemours & Company. (See Kline, Emil, assignor.)
Du Pont, E. I., de Nemours & Company. (See Koethen, F. L., and Wernert, assignors.)
Du Pont, E. I., de Nemours & Company. (See Kramer Edward N., assignor.)
Du Pont, E. I., de Nemours & Company. (See Kühnle, Fritz, assignor.)
Du Pont, E. I., de Nemours & Company. (See Kvalnes, Donovan E., assignor.)
Du Pont, E. I. de Nemours & Company. (See Lacy, Burritt S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Lang, Joseph W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Larson, Alfred T., assignor.)
Du Pont, E. I., de Nemours & Company. (See Larson, Louis L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Latham, G. H., and Hunt, assignors.)
Du Pont, E. I., de Nemours & Company. (See Lawson, W. E., and Spaeth, assignors.)
Du Pont, E. I., de Nemours & Company. (See Lawson, Walter E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Lazier, Wilbur A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Lazier, W. A., and Rigby, assignors.)
Du Pont, E. I., de Nemours & Company. (See Lee, Henry R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Lee, H. R., and Klein, assignors.)
Du Pont, E. I., de Nemours & Company. (See Levine, Arthur A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Levine, A. A., and Cass, assignors.)
Du Pont, E. I., de Nemours & Company. (See Lippert, A. L., and Reid, assignors.)
Du Pont, E. I., de Nemours & Company. (See Loder, Donald J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Lubs, Herbert A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Lubs, H. A., and Arnold, assignors.)
Du Pont, E. I., de Nemours & Company. (See Lubs, H. A., and Johnson, assignors.)
Du Pont, E. I. de Nemours & Company. (See Lubs, H. A., and Strouse, assignors.)
Du Pont, E. I., de Nemours & Company. (See Lulek, R. N., and Belcher, assignors.)
Du Pont, E. I. de Nemours & Company. (See Macallum, Alexander D., assignor.)
Du Pont, E. I., de Nemours & Company. (See Madson, Willard H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Magill, Paul L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Marks, Barnard M., assignor.)
Du Pont, E. I., de Nemours & Company. (See Marschall, Arnold, assignor.)
Du Pont, E. I., de Nemours & Company. (See Martin, Elmore L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Mathieu, H. W., and Rossander, assignors.)
Du Pont, E. I., de Nemours & Company. (See Mattlage, Walter F. H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Maxwell, Robert W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Maxwell, R. W., and Shipp, assignors.)
Du Pont, E. I., de Nemours & Company. (See McAlevy, Ambrose, assignor.)
Du Pont, E. I., de Nemours & Company. (See McGill, Russell, assignor.)

Du Pont, E. I., de Nemours & Company. (See McKinney, Robert M., assignor.)
Du Pont, E. I., de Nemours & Company. (See McQueen, David M., assignor.)
Du Pont, E. I., de Nemours & Company. (See Meigs, Frederick M., assignor.)
Du Pont, E. I., de Nemours & Company. (See Meigs, F. M., and Dangelmajer, assignors.)
Du Pont, E. I. de Nemours & Company. (See Meiland, H. J., and Lulek, assignors.)
Du Pont, E. I., de Nemours & Company. (See Merrill, Warner J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Mertes, Albert T., assignor.)
Du Pont, E. I., de Nemours & Company. (See Meuly, Walter C., assignor.)
Du Pont, E. I., de Nemours & Company. (See Miller, Charles F., assignor.)
Du Pont, E. I., de Nemours and Company. (See Miller, C. O., and Roberts, assignors.)
Du Pont, E. I., de Nemours & Company. (See Miles, John B., Jr., assignor.)
Du Pont, E. I., de Nemours & Company. (See Molyneaux, Lee B., assignor.)
Du Pont, E. I., de Nemours & Company. (See Muely, Walter C., assignor.)
Du Pont, E. I., de Nemours & Company. (See Murphy, A. R., and Jordan, assignors.)
Du Pont, E. I., de Nemours & Company. (See Murphy, A. R., and Rossander.)
Du Pont, E. I., de Nemours & Company. (See Neal, A. M., and Strouse, assignors.)
Du Pont, E. I., de Nemours & Company. (See Nebel, Walter, assignor.)
Du Pont, E. I., de Nemours & Company. (See Nydegger, Roland R., assignor.)
Du Pont, E. I., de Nemours & Company. See Oplinger, Floyd F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Osterloh, R. H., Pyle, Voytilla, and Ficke, assignors.)
Du Pont, E. I., de Nemours & Company. (See Osterloh, Gordon D., assignor.)
Du Pont, E. I., de Nemours & Company. (See Patterson, R. H., and Scarborough, assignors.)
Du Pont, E. I., de Nemours & Company. (See Perkins, Melvin A., assignor.)
Du Pont, E. I. de Nemours & Company. (See Perkins, M. A., and Carr, assignors.)
Du Pont, E. I., de Nemours & Company. (See Perkins M. A., and Deinet, assignors.)
Du Pont, E. I., de Nemours & Company. (See Peterson, Wesley R., assignor.)
Du Pont, E. I., de Nemours & Company. (See Picard, René. assignor.)
Du Pont, E. I., de Nemours & Company. (See Pitman, Earle C., assignor.)
Du Pont, E. I., de Nemours & Company. (See Prahl, Milton A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Prahl, M. A., and Rintelman, assignors.)
Du Pont, E. I., de Nemours & Company. (See Ramsdell, Robert A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Reichert, Joseph S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Reichert, J. S., Hinegardner, and Potter, assignors.)
Du Pont, E. I., de Nemours & Company. (See Reichert, J. S., and Potter, assignors.)
Du Pont, E. I., de Nemours & Company. (See Renfroe, James D., assignor.)
Du Pont, E. I., de Nemours & Company. (See Richmond, Joseph L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Ridler, E. S., and Schulze, assignors.)
Du Pont, E. I., de Nemours & Company. (See Rintelman, W. L., and Dettwyler, assignors.)
Du Pont, E. I., de Nemours & Company. (See Roberts, Richard S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Rossander, Swanie S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Rossander, S. S., and Croco, assignors.)
Du Pont, E. I., de Nemours & Company. (See Rossander, S. S., and Mathieu, assignors.)
Du Pont, E. I., de Nemours & Company. (See Rossander, S. S., and Woodward, assignors.)
Du Pont, E. I., de Nemours & Company. (See Rothrock, Henry S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Sachs, John H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Salzberg, Paul L., assignor.)
Du Pont, E. I., de Nemours & Company. (See Schulze, John F. W., assignor.)
Du Pont, E. I. de Nemours & Company. (See Scott, Norman D., assignor.)
Du Pont, E. I., de Nemours & Company. (See Scott, N. D., Hansley, and Walker, assignors.)
Du Pont, E. I., de Nemours & Company. (See Scott, N. D., and Harris, assignors.)
Du Pont, E. I., de Nemours & Company. (See Scott, N. D., and Walker, assignors.)
Du Pont, E. I., de Nemours & Company. (See Sermattei, John P., assignor.)
Du Pont, E. I., de Nemours & Company. (See Shaw, William H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Shipp, Joseph H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Shutt, Rochard S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Siegel, Alfred, assignor.)
Du Pont, E. I., de Nemours & Company. (See Signaigo, Frank K., assignor.)
Du Pont, E. I., de Nemours & Company. (See Sloan, C. K., and Patterson, assignors.)
Du Pont, E. I., de Nemours & Company. (See Sly, Caryl, assignor.)
Du Pont, E. I., de Nemours & Company. (See Smith, Carlton E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Smith, Frank E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Spanagel, Edgar W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Stallmann, Otto, assignor.)
Du Pont, E. I., de Nemours & Company. (See Stallman, O., and Wentz, assignors.)
Du Pont, E. I., de Nemours & Company. (See Stamatoff, Gelu S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Starkweather, H. W., and Collins, assignors.)
Du Pont, E. I., de Nemours & Company. (See Staudt, Ambrose W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Strain, Daniel E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Stecher, J. L., and Parker, assignors.)
Du Pont, E. I., de Nemours & Company. (See Strouse, George C., assignor.)
Du Pont, E. I., de Nemours & Company. (See Sullivan, Roy W., assignor.)
Du Pont, E. I., de Nemours & Company. (See Tanner, Herbert G., assignor.)
Du Pont, E. I., de Nemours & Company. (See Taylor, Edward A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Thomas, Raymond E., assignor.)
Du Pont, E. I., de Nemours & Company. (See Tinker, John M., assignor.)
Du Pont, E. I., de Nemours & Company. (See Tinker, J. M., and Fox, assignors.)
Du Pont, E. I., de Nemours & Company. (See Toole, H. S., and Hitt, assignors.)
Du Pont, E. I., de Nemours & Company. (See Ubben, Richard T., assignor.)
Du Pont, E. I., de Nemours & Company. (See Uhler, Frank G., assignor.)
Du Pont, E. I., de Nemours & Company. (See Underwood, W. F., and Rothrock, assignors.)
Du Pont, E. I., de Nemours & Co. (See Vincent, G. G., and Cook, assignors.)
Du Pont, E. I., de Nemours & Company. (See Wahl, Milton H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Walker, Joseph F., assignor.)
Du Pont, E. I., de Nemours & Company. (See Wanderer, Frederick W., assignor.)
Du Pont, E. I. de Nemours & Company. (See Warrington, Charles J. S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Weinmayr, Viktor, assignor.)
Du Pont, E. I., de Nemours & Company. (See Wende, Charles W. J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Wernlund, Christian J., assignor.)
Du Pont, E. I., de Nemours & Company. (See Werntz, J. H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Werntz, James H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Whelan, Myron S., assignor.)
Du Pont, E. I., de Nemours & Company. (See Wilder, George H., assignor.)
Du Pont, E. I., de Nemours & Company. (See Williams, Ira, assignor.)
Du Pont, E. I., de Nemours & Company. (See Williams, L., and Neal, assignors.)
Du Pont, E. I., de Nemours & Company. (See Williams, I., and Smith, assignors.)
Du Pont, E. I., de Nemours & Company. (See Winslow, Edward N., assignor.)
Du Pont, E. I., de Nemours & Company. (See Woodhouse, John C., assignor.)
Du Pont, E. I., de Nemours & Company. (See Wooster, Charles B., assignor.)
Du Pont, E. I., de Nemours & Company. (See Wuethrich, Adolph G., assignor.)
Du Pont, E. I., de Nemours & Company. (See Youker, Mortimer A., assignor.)
Du Pont, E. I., de Nemours & Company. (See Young, Fred, assignor.)
Du Pont, E. I., de Nemours & Company. (See Zwilgmeyer, Frithjof, assignor.)
Du Pont, Eleuthere P., Montchanin, Del. Recording mechanism for games. 2,152,638; Apr. 4.
Du Pont Film Manufacturing Corporation. (See Clewell, J. H., and McCormick, assignors.)

Du Pont Film Manufacturing Corporation. (See Dawson, George A., assignor.)
Du Pont Film Manufacturing Corporation. (See Dawson, G. A., and Middleton, assignors.)
Du Pont Film Manufacturing Corporation. (See Kinloch, Donald H., assignor.)
Du Pont Film Manufacturing Corporation. (See Jennings, A. B., and Middleton, assignors.)
Du Pont Film Manufacturing Corporation. (See Marasco, Martin, assignor.)
Du Pont Film Mfg. Corp. (See Marasco, M., and Merritt, assignors.)
Du Pont Film Manufacturing Corporation. (See Meddleton, E. B., and Jennings, assignors.)
Du Pont Film Manufacturing Corporation. (See Salzberg, P. L., and White, assignors.)
Du Pont Film Manufacturing Corp. (See Weber, John R., assignor.)
Du Pont Film Manufacturing Corporation. (See Weber, J. R., and Sease, assignors.)
Du Pont, Hubert I. (See Alexander, H. L., du Pont, and Foulke.)
Du Pont Viscoloid Company. (See Donaldson, Alfred S., assignor.)
Du Pree, Cornelius, Wyckoff, and A. Ackerman, Paterson, N. J., assignors to The Manhattan Shirt Company, New York, N. Y. Electric iron. 2,161,145; June 6.
Dupree, Samuel F., Jr., Shaker Heights, Ohio. Sealing shafts. 2,157,597; May 9.
Du Prey, Hartwell A., Wayzata, Minn. Cigarette holder attachment for ash receptacles. 2,172,161; Sept. 5.
Du Puis, Robert N., C. W. Lenth, and J. B. Segur, Chicago, Ill., assignors to Association of American Soap & Glycerine Producers, Inc., New York, N. Y. Peanut product and method. 2,166,806; July 18.
Duquesne Mine Supply Company. (See Genter, Albert H., assignor.)
Durabilt Steel Locker Company. (See Kaser, Everett D., assignor.)
Durable Mat Company. (See Bell, Harry W., assignor.)
Duraffourg, Max, New York, N. Y. Thread guide and adapter therefor. 2,164,803; July 4.
Duraffourg, Max, New York, N. Y. Thread guide. 2,171,826; Sept. 5.
Duram, Arthur E., assignor to Springfield Boiler Company, Springfield, Ill. Steam generator. 2,147,574; Feb. 14.
Duram, Arthur E., assignor to Springfield Boiler Company, Springfield, Ill. Steam generator. 2,167,545; July 25.
Durametallic Corporation. (See Wiessner, Christopher, assignor.)
Duran, John A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Driver-adjusting means for fastening-inserting machines. 2,160,843; June 6.
Durand, Arthur F., Highland Park, assignor to Pilot Letter Label Co., Chicago, Ill. Mailing envelope. 2,148,686; Feb. 28.
Durand & Huguenin A. G. (See Peyer, Eduard, assignor.)
Durand & Huguenin A. G. (See Tschan, Ernst, assignor.)
Durand & Huguenin Aktiengesellschaft. (See Zeh, Ludwig, and Heuck, assignors.)
Durand & Huguenin S. A. (See Müller, Max, assignor.)
Durand & Huguenin S. A. (See Müller, M., and Ratti, assignors.)
Durand, Samuel R. (See Journeaux, D., and Durand.)
Durandur, S. A. (See Boecker, Alfred, assignor.)
Durant, Lyndon A. (See Williams, H. E., and Durant.)
Durant Manufacturing Company. (See Hennessy, Mark M., assignor.)
Duranton, Léon, Arkville, N. Y. Antiskidding appliance for vehicles. 2,172,700; Sept. 12.
Durbin, Benjamin H., New Albany, Ind. School desk. 2,150,739; Mar. 14.
Durbrow, C. W., et al. (See Jones, Charles F., assignor.)
Durepaire, Louis. (See Dessévre, J., Durepaire, and Quanquin.)
Durex Products, Inc. (See Hay, Rene M., assignor.)
Durham Duplex Razor Company. (See Drew, John E., assignor.)
Durham Duplex Razor Company. (See Patterson, Morehead, assignor.)
Durham, Hobart N., Munsey Park, N. Y., assignor to Differential Wheel Corporation. Automotive vehicle. 2,154,497; Apr. 18.
Durham, Hobart N., Manhasset, N. Y., assignor to The Goss Printing Press Company, Chicago, Ill. Matrix molding machine. 2,157,327; May 9.
Durham, Hobart N., Munsey Park, Long Island, N. Y., assignor to Vaco Products, Inc., Jersey City, N. J. Fluid-pressure-operated gear shifter. 2,157,328; May 9.
Durham, Hobart N., Munsey Park, N. Y., and G. B. Finnegan, Jr., Mountain Lakes, N. J., assignors, by mesne assignments, to Eugene, Ltd., New York, N. Y. Permanent waving. 2,177,881; Oct. 31.
Durham, Hobart N., Manhasset, N. Y., assignor to The Goss Printing Press Company, Chicago, Ill. Stereotype plate. 2,180,732; Nov. 21.
Durham Manufacturing Company, The. (See Clarin, Werner E., assignor.)
Durham, Morris D., Chicago, Ill. Washer. 2,160,328; May 30.
Durham, Rollie P., Flint, assignor to General Motors Corporation, Detroit, Mich. Removing a phosphate coating from a surface. 2,159,261; May 23.
Durham, Willard C. (See Best, L. E., and Durham.)
Durham, Willard C., Winchester, Mass., and L. E. Best, Summit, N. J., assignors to Compo Shoe Machinery Corporation, Boston, Mass. Making shoe press pads. 2,168,285; Aug. 1.
Durieux, Jules J., Chatou, France. Tunnel Kiln. 2,180,041; Nov. 14.
Dürig, Alfred, assignor to Schweizerische Lokomotiv-und Maschinenfabrik, Winterthur, Switzerland. Reversing gearing comprising pressure fluid operated control coupling. 2,161,702; June 6.
During, William J., assignor to Precision Casting Company, Inc., Syracuse, N. Y. Die casting machine. 2,155,643; Apr. 25.
Duriron Company, The. (See Jacobsen, Oystein, assignor.)
Durite Plastics, Incorporated. (See Cayo, Martha B., assignor.)
Durite Plastics, Incorporated. (See Novotny, Emil E., assignor.)
Durk, Henry, executor. (See Sheppard, J. F., Manuel, and Pringle.
Durkee-Atwood Company. (See Morris, Elmer J., assignor.)
Durofchalk, Charles A., Binghamton, N. Y. Dispensing and display stand. 2,144,716; Jan. 24.
Dur-O-Lite Pencil Company. (See Lynn, John P., assignor.)
Duro Metal Products Company. (See Hedgpeth, Theron L., assignor.)
Duro-Test Corporation. (See Babb, Maynard A., assignor.)
Duro Test Corporation. (See Babb, M. A., and Bagno, assignors.)
Duro-Test Corporation. (See Spielholz, Emanuel, assignor.)
Durr, Emil, Choteau, Mont. Ditcher. 2,147,193; Feb. 14.
Dürr, Hermann. (See Dieterle, W., Walter, and Dürr.)
Durrans, Thomas H., London, and B. T. D. Sully, Ewell, England. Revivification of catalysts for hydrogenation and like processes. 2,150,270; Mar. 14.
Durre, Allen, Evansville, Ind. Blind. 2,179,882; Nov. 14
Durrell, Ernest L., assignor to American Blower Corporation, Detroit, Mich. Water-cooled coupling. 2,156,493; May 2.
Durrell, Ernest L., Jersey City, N. J., and M. T. Archer, Toledo, Ohio, assignors to The National Supply Company, Pittsburgh, Pa. Hydraulic power transmission apparatus. 2,164,173; June 27.
Dürrler, Wilhelm, assignor to Lütz & Weiss G. m. b. H., Silber & Metallwarenfabrik, Pforzheim, Germany. Selective magazine pencil. 2,162,249; June 13.
Dürrler, Wilhelm, assignor to A. Waldmann, Pforzheim, Germany. Selective magazine pencil. 2,176,124; Oct. 17.
Dursch, Frank, Philadelphia, Pa. Gang lawn mower. 2,155,182; Apr. 18.
Dursch, Frank, Philadelphia, Pa. Reciprocating mower or cutting mechanism. 2,155,183; Apr. 18.
Durst, Henry E., Philadelphia, Pa. Air conduit system for buildings. 2,160,132; May 30.
Durszewicz, Moritz C., Evansville, Ind. Display hydrator cabinet. 2,174,124; Sept. 26.
Durup, Paul H., Wollaston, assignor to Art-O-Graphic Printing Company, Inc., Boston, Mass. Cleaning brush. 2,181,266; Nov. 28.
Duryea, O. C., Corporation. (See Duryea, Otho C., assignor.)
Duryea, Otho C., Waterbury, Conn. Safety tread. 2,156,777; May 2.
Duryea, Otho C., Waterbury, Conn. Cushioning device for railroad cars. 2,156,779; May 2.
Duryea, Otho C., Waterbury, Conn. Car truck. 2,159,138; May 23.
Duryea, Otho C., Waterbury, Conn. Journal box lid. 2,164,644; July 4.
Duryea, Otho C., Waterbury, Conn. Journal box lid. 2,164,645; July 4.
Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, New York, N. Y. Closed top car body. 2,156,778; May 2.
Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,161,915; June 13.
Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, New York, N. Y. Railway car body bolster. 2,162,997; June 20.
Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, Wilmington, Del. Car construction. 2,161,914; June 13.
Duryea, Otho C., Waterbury, Conn., assignor to O. C. Duryea Corporation, New York, N. Y. Car body bolster. 2,184,337; Dec. 26.
Dusablond, William, Attleboro, Mass. Combined brace supporter and cravat holder. 2,183,831; Dec. 19.
Dusevoir, Julius, San Leandro, and G. S. Edwards, San Francisco, Calif. Variable stroke connecting rod. 2,174,780; Oct. 3.
Dustin, Howard M. (See Avery, H. T., and Dustin.)
Dutchess Tool Company. (See Odell, Stanley F., assignor.)
Dutchess Tool Company. (See Seem, Charles B., assignor.)

Duus, Ray, Long Beach, assignor to Lane Wells Company, Los Angeles, Calif. Orienting device. 2,142,559; Jan. 3.
Duval, Montague H., Great Neck, N. Y., and R. Vezin, Montclair, N. J. Cooling apparatus for treating bakery products. 2,171,921; Sept. 5.
Duval, Montague H., Roslyn, N. Y., and R. Vezin, Montclair, N. J. Apparatus for the treatment of bakery products. 2,171,922; Sept. 5.
Duvall, Chester I., Huntington Park, Calif. Power hacksaw. 2,175,111; Oct. 3.
Duvall, Marie D., et al. (See Nash, William M., assignor.)
Du Vall, Russell B. (See Grether, E. F., Shawver, and Du Vall.)
Du Vall, Russell B. (See Grether, E. F., and Du Vall.)
Duvall, William J., and G. W. Froemke, assignors to Smith & Davis Manufacturing Company, St. Louis, Mo. Bedspring. 2,184,517; Dec. 26.
Duvoisin, Edward M., deceased, by The Pittsfield Third National Bank and Trust Company, executor, Pittsfield, Mass. Electrical discharge device. 2,145,111; Jan. 24.
Dvorak, James J., Chicago, Ill. Self-squaring curtain stretcher. 2,179,254; Nov. 7.
Dvorak, Josef, et al. (See Stružík, František, assignor.)
Dvornik, Andrija, Zagreb, Jugoslavia. Device for reproducing cinematographic pictures. 2,167,107; July 25.
Dwight & Lloyd Metallurgical Company. (See Lloyd, Thorne E., assignor.)
Dwight & Lloyd Sintering Company. (See Lloyd, Thorne E., assignor.)
Dwofsky, Bernard, New York, N. Y. Ink pad. 2,152,682; Apr. 4.
Dwyer, Frank W., Chicago, Ill. Gas testing device. 2,181,013; Nov. 21.
Dwyer Products Corporation. (See Sweney, Don D., assignor.)
Dwyer, William L., and M. J. Healey, assignors to Railway Service & Supply Corporation, Indianapolis, Ind. Journal box closure. 2,154,892; Apr. 18.
Dwyer, William M. (See Johnson, G. A., and Dwyer.)
Dwyer, William M., assignor to W. H. Miner, Inc., Chicago, Ill. Railway draft rigging. 2,147,018; Feb. 14.
Dwyer, William M., assignor to W. H. Miner, Inc., Chicago, Ill. Refrigerator car door. 2,150,271; Mar. 14.
Dwyer, William M., assignor to W. H. Miner, Inc., Chicago, Ill. Car construction. 2,155,533; Apr. 25.
Dwyer, William M., assignor to W. H. Miner, Inc., Chicago, Ill. Hatch cover fastener. 2,160,260; May 30.
Dwyer, William M., assignor to W. H. Miner, Inc., Chicago, Ill. Refrigerator car door. 2,160,844; June 6.
Dybvig, Henry G. (See Rineer, A. E., and Dybvig.)
Dyckerhoff, Hanns, Munich, Germany. Manufacture of thrombin. 2,164,804; July 4.
Dyckerhoff, Dr. Ing. e. h. Eduard. (See Steinert, Johannes, assignor.)
Dye, Carl D., Detroit, Mich. Smoking device. 2,159,018; May 23.
Dye, Glen M., Minneapolis, Minn. Print drying apparatus. 2,184,663; Dec. 26.
Dyer, Colver P., Winchester, Mass., assignor, by mesne assignments, to Monsanto Chemical Company. Dyeing textile materials. 2,179,371; Nov. 7.
Dyer, George, Cheyenne, Wyo. Illuminated cane. 2,173,624; Sept. 19.
Dyer, Horace T., Coscob, Conn., and J. A. Barnes, Chappaqua, assignors to Combustion Engineering Company, Inc., New York, N. Y. Marine boiler. 2,157,751; May 9.
Dyer, John B., Pendleton, Ind., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Engine starter control. 2,153,826; Apr. 11.
Dyer, John B., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Engine starter control apparatus. 2,167,646; Aug. 1.
Dyer, John P. J., San Diego, Calif. Shiftable scaffold apparatus. 2,178,956; Nov. 7.
Dyer, John W., Netley Abbey, Southampton, England, and D. Kay, Edinburgh, assignors to Kay Gyroplanes Limited, Edinburgh, Scotland. Aircraft. 2,163,728; June 27.
Dyer, Joseph G., assignor to Continental Oil Company, Ponca City, Okla. Apparatus for oil well drilling. 2,158,356; May 16.
Dyer, Lloyd W. (See Baker, B. P., and Dyer.)
Dyer, Newell V., Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Skiving machine. 2,154,563; Apr. 18.
Dyer, Newell V., Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Marking machine. 2,160,063; May 30.
Dyer, Zeb. A., et al. (See Robinson, Slayden R., assignor.)
Dyer, Zeb A., Los Angeles, assignor of one-fourth to C. Lamb, and one-fourth to D. R. Radford, South Pasadena, Calif. Top-cementing plug. 2,167,747; Aug. 1.
Dyer, Zeb A., Los Angeles, assignor of one-fourth to C. Lamb and one-fourth to D. R. Radford, South Pasadena, Calif. Lower cementing plug. 2,169,356; Aug. 15.
Dygard, Eulalia, administratrix. (See Kirkland, O. L., and Dygard.)
Dygard, Fred S. (See Kirkland, O. L., and Dygard.)
Dyke, Herbert G., Larchmont, N. Y. Ashtray. 2,184,994; Dec. 26.

Dykema, Tunis J., Pittsburgh, Pa. Liquid dispenser. 2,156,112; Apr. 25.
Dym, Joseph B., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Gas-mask eyepiece mounting. 2,158,693; May 16.
Dym, Joseph B., assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Head harness for breathing apparatus. 2,176,709; Oct. 17.
Dymeck, Charles P., New York, N. Y. Automatic brake mechanism for feeding material from a roll. 2,168,023; Aug. 1.
Dynamit-Actien-Gesellschaft, vormals Alfred Nobel & Co. (See Friederich, Walter, assignor.)
Dynamit-Actien-Gesellschaft, vormals Alfred Nobel & Co. (See Friederich, W., and Flick, assignors.)
Dynes, Kenneth L., Los Angeles, assignor to Grayson Heat Control, Ltd., Lynwood, Calif. Time clock mechanism. 2,145,083; Jan. 24.
Dyresen, Didrick, Billerica, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener member. 2,180,925; Nov. 21.
Dyrr, Jacob V., Bell, Calif., assignor to International Harvester Company, Chicago, Ill. Intergeared offset disk harrow. 2,164,204; June 27.
Dyson, Ralph S., Indianapolis, Ind., assignor to Link-Belt Company. Endless carrier or conveyer chain. 2,157,283; May 9.
Dzialoschinsky, Victor, and G. Deutschland, Berlin, Germany, assignors to M. Goldmann, New York, N. Y. Solid, sticklike shaving preparation. 2,143,060; Jan. 10.
Dziedzic, Nicholas J., assignor to Industrial Patents Corporation, Chicago, Ill. Carcass tongue protector. 2,168,702; Aug. 8.
Dziedzic, Nicholas J., and F. B. Bratek, assignors to Industrial Patents Corporation, Chicago, Ill. Skinning knife. 2,168,703; Aug. 8.
Dziewior, Kurt, Berlin, Germany. Photographic camera with automatic exposure adjustment. 2,150,365; Mar. 14.
E. A. Laboratories, Inc. (See Meyerhoefer, Carl E., assignor.)
E. Z. I. Needle Co. (See Rainville, Omer J., assignor.)
Eades, Harry H., Pittsburgh, Pa. Clip for paper-back laths. 2,151,904; Mar. 28.
Eades, John A. (See Spangler, J. I., Eades, and Purdy.)
Eads, George M., Clarkston, Wash. Music holder. 2,182,287; Dec. 5.
Eads, William P. Kincaid, W. Va. Circuit closing device. 2,173,777; Sept. 19.
Eagar, Oscar W., Taft, Calif. Expanding pipe plug. 2,154,498; Apr. 18.
Eagle Chemical Company. (See Schlesinger, Joseph N., assignor.)
Eagle Knitting Mills, Inc. (See Goldstein, Arthur, assignor.)
Eagle Knitting Mills, Inc. (See Wengen, Frank J., assignor.)
Eagle Lock Company. (See Raymond, Horace H., assignor.)
Eagle Manufacturing Company. (See Fleming, Edgar I., assignor.)
Eagle Pencil Company. (See Chesler, Isidor, assignor.)
Eagle Pencil Company. (See Hamer, William T., assignor.)
Eagle Pencil Company. (See Hanle, Benjamin W., assignor.)
Eagle Pencil Company. (See McNulty, Joseph, assignor.)
Eagle Pencil Company. (See Schaefer, Max, assignor.)
Eagle Signal Corporation. (See Anderson, Carl L., assignor.)
Eagle Signal Corporation. (See Turner, H. I., and Freeberg, assignors.)
Eaglebarger, Theo E., Jefferson, Tex. Fluid-controlled pump regulating valve. 2,172,122; Sept. 5.
Eakin, Howard G., Milwaukee, Wis. Vehicle brake. 2,171,289; Aug. 29.
Eakin, Willard D. (See Nathan, T. D., Eakin, and Brucker.)
Ealy, John W. (See Brooks, K. R., and Ealy.)
Ealy, William H., assignor to Clark Machine Company, Wichita Falls, Tex. Shear polehead. 2,142,309; Jan. 3.
Eames, William F., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cathode inductive heating circuit. 2,147,429; Feb. 14.
Eames, William F., Edgewood, Pa., assignor to Westinghouse Electric Elevator Company, Jersey City, N. J. Elevator control system. 2,178,071; Oct. 31.
Eanes, Hugh P., Waterbury, Conn. Rack for warp tying machines. 2,182,288; Dec. 5.
Earl, Francis N., et al. (See Alley, Russel E., assignor.)
Earl, Lloyd R. (See Lyons, D. A., and Earl.)
Earl, Warren, Houston, Tex. Fan bearing. 2,184,213; Dec. 19.
Earl, William, Brooklyn, and G. W. Fleischman, Astoria, assignors to E. R. Squibb & Sons, New York, N. Y. Applying films. 2,183,064; Dec. 12.
Earle, Guyon L. C., Forest Hills, N. Y. Kitchen device. 2,180,459; Nov. 21.
Earle, Guyon L. C., Forest Hills, N. Y. Refrigerator. 2,180,460; Nov. 21.
Earle, Ralph H., Wauwatosa, and A. G. Steinmayer, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Lightning arrester. 2,165,964; July 11.

Earle, Theodore, Pacific Palisades, Calif. Purification and cleansing of seed and cereal grains. 2,143,306; Jan. 10.
Earle, Theodore, Pacific Palisades, Calif. Separation of seeds by froth flotation. 2,155,219; Apr. 18.
Earll, Charles I., Company. (See Earll, Charles I., assignor.)
Earll, Charles I., deceased, by M. M. Lambert, administratrix, assignor to Charles I. Earll Company, Inc., York, Pa. Bracket for trolley retrievers. 2,179,074; Nov. 7.
Early, Joseph W., assignor to Borg-Warner Corporation, Chicago, Ill. Arm construction. 2,174,693; Oct. 3.
Earnheart, Isaac L., Troy, Mont. Drill bit. 2,179,689; Nov. 14.
Earnshaw, David P., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Coil-condenser assembly for radio receivers. 2,165,467; July 11.
Earnshaw, Spencer A., Los Angeles, Calif. Plastering apparatus. 2,168,329; Aug. 8.
Earp-Thomas, George H., Glen Ridge, N. J. Bacteriological digester for conversion of organic waste. 2,178,818; Nov. 7.
Eash, John T., Cranford, and T. J. Wood, Nutley, N. J., assignors to The International Nickel Company, Inc., New York, N. Y. Welding rod and hard overlay deposited therefrom. 2,184,518; Dec. 26.
Easley, Curran S., La Grange, Ga., assignor to The American Mono Rail Company, Cleveland, Ohio. Monitor cleaner. 2,179,976; Nov. 14.
Eason, Clarence M., assignor to Industrial Clutch Company, Waukesha, Wis. Clutch. 2,162,071; June 13.
Eason, Clarence M., assignor to Industrial Clutch Company, Waukesha, Wis. Hoist clutch and brake mechanism. 2,175,382; Oct. 10.
Eason, Clarence M., assignor to Industrial Clutch Company, Waukesha, Wis. Hoist clutch and brake mechanism. 2,175,383; Oct. 10.
Eason. Clarence M., assignor to Industrial Clutch Company, Waukesha, Wis. Clutch. 2,177,362; Oct. 24.
Eason, Clarence M., assignor to Industrial Clutch Company, Waukesha, Wis. Clutch. 2,184,506; Dec. 26.
Eason, Ernest O., Adams City, Colo. Coin testing device. 2,148,291; Feb. 21.
Eason, Sidney L., Charleston, S. C. Roofing or surfacing material. 2,160,845; June 6.
East, Bion R. (See Briod, A. E., and East.)
East, James V., Longmeadow, Mass., assignor to A. G. Spalding & Bros., New York, N. Y. Golf club grip. 2,149,911; Mar. 7.
Eastburn, Samuel L., Sloatsburg, N. Y., and G. M. Cooper, Fairlawn, N. J., assignor, by mesne assignments, to The American Brake Shoe and Foundry Company, New York, N. Y. Safety switch locking device. 2,145,687; Jan. 31.
Eastburn, Samuel L., Sloatsburg, N. Y., and G. M. Cooper, Fair Lawn, N. J., assignors, by mesne assignments, to The American Brake Shoe and Foundry Company, New York, N. Y. Adjustable connection for rail points. 2,155,820; Apr. 25.
Easter, George J., and K. Brownell, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Refractory and making it. 2,154,153; Apr. 11.
Eastern Clay Products, Inc. (See Dunbeck, Norman J., assignor.)
Eastern Electronics Research Inc. (See Schmidling, Gilbert T., assignor.)
Eastern Malleable Iron Company, The. (See Reynolds, Charles F., assignor.)
Eastern Tool & Mfg. Co. (See Anderson, Carl E., assignor.)
Eastes, John W. (See Bruson, H. A., and Eastes.)
Easthampton Rubber Thread Co. (See Shaw, Kenneth R., assignor.)
Easthope, Ernest W., Everett, Wash. Hydroplane hull. 2,151,958; Mar. 28.
Eastin, Rollie R., assignor of five percent to J. C. and L. Castator, ten percent to W. Burns, ten percent to R. A. Gray, Jr., ten percent to W. Burns, and fourteen percent to R. Smith, Port Huron, Mich. Transmission mechanism. 2,151,376; Mar. 21.
Eastin, Rollie R., assignor of five per cent to J. C. and L. Castator, ten per cent to W. Burns, ten per cent to R. A. Gray, Jr., ten per cent to W. Burns, and fourteen per cent to R. Smith, Port Huron, Mich. Transmission mechanism. 2,158,573; May 16.
Eastley, Mona V., Los Angeles, Calif., assignor to C. A. Mureau, Omaha, Nebr. Lipstick applicator. 2,143,061; Jan. 10.
Eastley, Mona V., assignor to C. A. Mureau, Los Angeles, Calif. Device for containing and applying cosmetics. 2,180,404; Nov. 21.
Eastman, Alonzo R., Portland, Oreg. Gaff hook. 2,165,245; July 11.
Eastman, Fred C., Marblehead, and A. F. Pym, Swampscott, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,160,846; June 6.
Eastman, Hal P., Monrovia, Calif., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Reservoir foot pump duster. 2,145,221; Jan. 24.
Eastman, Harlan J., Dallas, Tex. Whip-stock bottom. 2,170,284; Aug. 22.
Eastman, Harry T. (See Morrison, C. T., and Eastman.)
Eastman, Joseph P., Manitowoc, Wis. Coupling construction. 2,158,619; May 16.
Eastman, Joseph P., Manitowoc, Wis. Coupling. 2,158,620; May 16.
Eastman, Joseph P., Manitowoc, Wis. Coupling. 2,184,116; Dec. 19.
Eastman Kodak Company. (See Aklin, G. H., and Altman, assignors.)
Eastman Kodak Company. (See Aldinger, Gustave F., assignor.)
Eastman Kodak Company. (See Altman, Fred E., assignor.)
Eastman Kodak Company. (See Babcock, D. A., and Van Derhoef, assignors.)
Eastman Kodak Company. (See Baxter, Ernest L., assignor.)
Eastman Kodak Company. (See Beach, Norman F., assignor.)
Eastman Kodak Company. (See Beggs, Joseph S., assignor.)
Eastman Kodak Company. (See Beilenson, Bernard, assignor.)
Eastman Kodak Company. (See Blackard, Ernest C., assignor.)
Eastman Kodak Company. (See Blanchard, Loring W., Jr., assignor.)
Eastman Kodak Company. (See Blanchard, L. W., Jr., and Crane, assignors.
Eastman Kodak Company. (See Bouveng, N., and Gillette, assignors.)
Eastman Kodak Company. (See Bright, A. G., and Fisher, assignors.)
Eastman Kodak Company. (See Brooker, Leslie G. S., assignor.)
Eastman Kodak Company. (See Brooker, L. G. S., and Van Dyke, assignors.)
Eastman Kodak Company. (See Brooker, L. G. S., and White, assignors.)
Eastman Kodak Company. (See Burkhardt, Ernest G., assignor.)
Eastman Kodak Company. (See Caldwell, John R., assignor.)
Eastman Kodak Company. (See Capstaff, John G., assignor.)
Eastman Kodak Company. (See Capstaff, J. G., and Miller, assignors.)
Eastman Kodak Company. (See Carroll, Burt H., assignor.)
Eastman Kodak Company. (See Carroll, B. H., and Davey, assignors.)
Eastman Kodak Company. (See Carver, Emmett K., assignor.)
Eastman Kodak Company. (See Carver, E. K., and Gramkee, assignors.)
Eastman Kodak Company. (See Case, C. Z., and Hughey, assignors.)
Eastman Kodak Company. (See Cather, Jay H., assignor.)
Eastman Kodak Company. (See Christie, John, assignor.)
Eastman Kodak Company. (See Clarke, H. T., and Malm, assignors.)
Eastman Kodak Company. (See Conklin, Frederick R., assignor.)
Eastman Kodak Company. (See Conviser, Maxwell B., assignor.)
Eastman Kodak Company. (See Crowther, Raymond E., assignor.)
Eastman Kodak Company. (See Crumrine, Chester W., assignor.)
Eastman Kodak Company. (See Dayton, Robert B., assignor.)
Eastman Kodak Company. (See Dewey, Haywood G., assignor.)
Eastman Kodak Company. (See Dickey, J. B., and McNally, assignors.)
Eastman Kodak Company. (See Dickey, J. B., and Normington, assignors.)
Eastman Kodak Company. (See Drotning, Henry O., assignor.)
Eastman Kodak Company. (See Fairbanks, Henry N., assignor.)
Eastman Kodak Company. (See Fairbanks, H. N., and Hughey, assignors.)
Eastman Kodak Company. (See Figg, Louis J., Jr., assignor.)
Eastman Kodak Company. (See Figg, L. J., Jr., and Rhea, assignors.)
Eastman Kodak Company. (See Figg, L. J., Jr., and Shaulis, assignors.)
Eastman Kodak Company. (See Fisher, Webster E., assignor.)
Eastman Kodak Company. (See Flynn, Edward P., assignor.)
Eastman Kodak Company. (See Fordyce, C. R., and Hiatt, assignors.)
Eastman Kodak Company. (See Fordyce, C. R., and Salo, assignors.)
Eastman Kodak Company. (See Fordyce, C. R., and Stampfli, assignors.)
Eastman Kodak Company. (See Frederick, C. W., and Aklin, assignors.)
Eastman Kodak Company. (See Frederick, C. W., and Schade, assignors.)

Eastman Kodak Company. (See Fuerst, Carl C., assignor.)
Eastman Kodak Company. (See Fuller, Albert B., assignor.)
Eastman Kodak Company. (See Gallagher, M., and Hasche, assignors.)
Eastman Kodak Company. (See Gordon, Jack J., assignor.)
Eastman Kodak Company. (See Gordon, J. J., and Bright.)
Eastman Kodak Company. (See Gordon, J. J., and Zeigler, assignors.)
Eastman Kodak Company. (See Gramkee, Bruce E., assignor.)
Eastman Kodak Company. (See Green, Newton B., assignor.)
Eastman Kodak Company. (See Guenther, Edgar G., assignor.)
Eastman Kodak Company. (See Gunnarson, Gunnar, assignor.)
Eastman Kodak Company. (See Hale, Joseph B., assignor.)
Eastman Kodak Company. (See Hasche, Rudolph L., assignor.)
Eastman Kodak Company. (See Hasche, R. L., and Davy.)
Eastman Kodak Company. (See Hickman, Kenneth C. D., assignor.)
Eastman Kodak Company. (See Hickman, K. C. D., and Hecker, assignors.)
Eastman Kodak Company. (See Hood, Henry J., assignor.)
Eastman Kodak Company. (See Hopkins, Roy S., assignor.)
Eastman Kodak Company. (See Hopkins, R. S., and Wangerin, assignors.)
Eastman Kodak Company. (See Hornung, Elias J., assignor.)
Eastman Kodak Company. (See Hultquist, Bernard A., assignor.)
Eastman Kodak Company. (See Hyatt, Campbell C., Jr., assignor.)
Eastman Kodak Company. (See Imray, H. H., Jr., and Robinson, assignors.)
Eastman Kodak Company. (See Jewett, Earold C., assignor.)
Eastman Kodak Company. (See Karg, Josef, assignor.)
Eastman Kodak Company. (See Kelley, James D., assignor.)
Eastman Kodak Company. (See Kenyon, William O., assignor.)
Eastman Kodak Company. (See Kimble, John S., assignor.)
Eastman Kodak Company. (See Kimble, J. S., and Blackard, assignors.)
Eastman Kodak Company. (See Kimble, J. S., Blackard, and McLellan, assignors.)
Eastman Kodak Company. (See Kimble, J. S., and McLellan, assignors.)
Eastman Kodak Company. (See Kimble, J. S., and Palmer, assignors.)
Eastman Kodak Company. (See Kocher, N. S., and Smith, assignors.)
Eastman Kodak Company. (See Lane, G. T., and Butterfield, assignors.)
Eastman Kodak Company. (See Lankes, L. R., and Nadeau, assignors.)
Eastman Kodak Company. (See Leermakers, John A., assignor.)
Eastman Kodak Company. (See Lindenberg, Wilhelm, assignor.)
Eastman Kodak Company. (See Lowry, Earl M., assignor.)
Eastman Kodak Company. (See Malm, Carl J., assignor.)
Eastman Kodak Company. (See Malm, C. J., and Emerson, assignors.)
Eastman Kodak Company. (See Malm, C. J., and Fordyce, assignors.)
Eastman Kodak Company. (See Malm, C. J., and Hiatt, assignors.)
Eastman Kodak Company. (See Mannes, L. D., and Godowsky, assignors.)
Eastman Kodak Company. (See Mannes, L. D., Godowsky, and Carroll, assignors.)
Eastman Kodak Company. (See Martin, Frederick C., assignor.)
Eastman Kodak Company. (See Martin, Louis D., assignor.)
Eastman Kodak Company. (See Mattmann, Carl C., Jr., assignor.)
Eastman Kodak Company. (See McFarlane, John W., assignor.
Eastman Kodak Company. (See McFarlane, J. W., and Morrison, assignors.)
Eastman Kodak Company. (See McHarg, John B., assignor.)
Eastman Kodak Company. (See McLeod, John H., assignor.)
Eastman Kodak Company. (See McLeod, J. H., and Altman, assignors.)
Eastman Kodak Company. (See McLeod, J. H., and Holmes, assignors.)
Eastman Kodak Company. (See McLeod, J. H., and Morse, assignors.)
Eastman Kodak Company. (See McNally, James G., assignor.)
Eastman Kodak Company. (See McNally, J. G., and Dickey, assignors.)
Eastman Kodak Company. (See McNally, J. G., Dickey, and Zugschwerdt, assignors.)
Eastman Kodak Company. (See McNally, J. G., and Leermakers, assignors.)
Eastman Kodak Company. (See Mees, Charles E. K., assignor.)
Eastman Kodak Company. (See Meyer, L. W. A., and Conklin, assignors.)
Eastman Kodak Company. (See Mihalyi, Joseph, assignor.)
Eastman Kodak Company. (See Morey, George W., assignor.)
Eastman Kodak Company. (See Morse, Richard S., assignor.)
Eastman Kodak Company. (See Moss, W. R., and Palmer, assignors.)
Eastman Kodak Company. (See Muehler, Lowell E., assignor.)
Eastman Kodak Company. (See Murray, Alexander, assignor.)
Eastman Kodak Company. (See Nadeau, Gale F., assignor.)
Eastman Kodak Company. (See Nadeau, G. F., and Fisher, assignors.)
Eastman Kodak Company. (See Nadeau, G. F., and Reid, assignors.)
Eastman Kodak Company. (See Nadeau, G. F., and Starck, assignors.)
Eastman Kodak Company. (See Nagel, August, assignor.)
Eastman Kodak Company. (See Nelson, John B., assignor.)
Eastman Kodak Company. (See Nivison, W. S., and Putlock, assignors.)
Eastman Kodak Company. (See Ort, Carl, assignor.)
Eastman Kodak Company. (See Othmer, Donald F., assignor.)
Eastman Kodak Company. (See Palmer, Spencer E., assignor.)
Eastman Kodak Company. (See Parker, J Henry S., assignor.)
Eastman Kodak Company. (See Parker, J H. S., and Stewart, assignors.)
Eastman Kodak Company. (See Piker, M. L., and Pool, assignors.)
Eastman Kodak Company. (See Richardson, Earle E., assignor.)
Eastman Kodak Company. (See Riddell, William A., assignor.)
Eastman Kodak Company. (See Robinson, Edwin A., assignor.)
Eastman Kodak Company. (See Schade, Willy, assignor.)
Eastman Kodak Company. (See Schinzel, Karl, assignor.)
Eastman Kodak Company. (See Schubert, Alvin E., assignor.)
Eastman Kodak Company. (See Seymour, Merrill W., assignor.)
Eastman Kodak Company. (See Sheppard, S. E., and Houck, assignors.)
Eastman Kodak Company. (See Sheppard, S. E., and Lambert, assignors.)
Eastman Kodak Company. (See Sheppard, S. E., and Vanselow, assignors.)
Eastman Kodak Company. (See Smith, Henry B., assignor.)
Eastman Kodak Company. (See Smith, H. B., and Swan, assignors.)
Eastman Kodak Company. (See Smith, K. S., and Casburn, assignors.)
Eastman Kodak Company. (See Staehle, Henry C., assignor.)
Eastman Kodak Company. (See Staud, C. J., and Keyes, assignors.)
Eastman Kodak Company. (See Stetson, Paul C., assignor.)
Eastman Kodak Company. (See Stone, Herbert G., assignor.)
Eastman Kodak Company. (See Teague, W. D., and Young, assignors.)
Eastman Kodak Company. (See Tetzlaff, Edwin F., assignor.)
Eastman Kodak Company. (See Trahey, John C., assignor.)
Eastman Kodak Company. (See Trinks, Willibald, assignor.)
Eastman Kodak Company. (See Tucker, Stephen M., assignor.)
Eastman Kodak Company. (See Tucker, William M., assignor.)
Eastman Kodak Company. (See Tuttle, F., and Beggs, assignors.)
Eastman Kodak Company. (See Van Derhoef, Henry E., assignor.)
Eastman Kodak Company. (See Ville, Joseph C., assignor.)
Eastman Kodak Company. (See Von Bramer, H., and Ruggles, assignors.)
Eastman Kodak Company. (See Walter, Wilhelm, assignor.)
Eastman Kodak Company. (See Waltz, Frederick H., assignor.)

Eastman Kodak Company. (See Waugh, George P., assignor.)
Eastman Kodak Company. (See Wellman, Howard C., assignor.)
Eastman Kodak Company. (See Wengel, Raymond W., assignor.)
Eastman Kodak Company. (See White, F. L., and Keyes, assignors.)
Eastman Kodak Company. (See Wittel, Otto, assignor.)
Eastman Kodak Company. (See Wittel, O., and Hughey, assignors.)
Eastman Kodak Company. (See Wood, Donald L., assignor.)
Eastman Kodak Company. (See Wynd, Clarence L. A., assignor.)
Eastman Kodak Company. (See Yule, John A. C., assignor.)
Eastman Kodak Company. (See Zabriskie, John W., assignor.)
Eastman, Lester S., Worcester, Mass. Device for sharpening picker teeth. 2,183,348; Dec. 12.
Eastman Machine Company. (See Clark, Frederick J., assignor.)
Eastman Machine Company. (See Clark, F. J., Hilgeman, assignors.)
Eastman Manufacturing Company. (See Schuknecht, W. C., and Jagemann, assignors.)
Eastman Oil Well Survey Company. (See Potts, Ernest L., assignor.)
Easton, Bert. (See Schubel, Donald C., assignor.)
Easton Manufacturing Company. (See Hooker, Harry H., assignor.)
East Shore Machine Products Company, The. (See Glenny, Robert E., assignor.)
Eastus, Harold L., Muncie, Ind., assignor to Owens-Illinois Glass Company. Glass building block. 2,156,623; May 2.
Eastwood, Abraham B., Abington, assignor to The Tabor Manufacturing Company, Philadelphia, Pa. Cut-off machine. 2,148,369; Feb. 21.
Eastwood-Nealley Corporation. (See Borck, John A., assignor.)
Eastwood-Nealley Corporation. (See Webb, Nelson W., assignor.)
Easy Washing Machine Corporation. (See Geldhof, Peter E., assignor.)
Easy Washing Machine Corporation. (See Haven, Kent C., assignor.)
Easy Washing Machine Corporation. (See Litle, Thomas J., Jr., assignor.)
Easy Washing Machine Corporation. (See Nelson, Jabez C., assignor.)
Easy Washing Machine Corporation. (See Scheele, Charles C., assignor.)
Eaton, Alanson L., and C. W. Cazel, Pasadena, Calif. Waterproofing and cementing material. 2,148,113; Feb. 21.
Eaton, Burdick H., Los Angeles, Calif. Nonresonant car wheel. 2,168,900; Aug. 8.
Eaton, Charles F., Methuen, Mass., assignor of one-half to North American Holding Corporation, and one-half to Parshad Holding Corporation, Syracuse, N. Y. Lubricating holder for knives. 2,184,612; Dec. 26.
Eaton, Cyrus D., Lansdowne, assignor to The American Distilling Company, Incorporated, Philadelphia, Pa. Product for use as nonrusting and noncorroding antifreezing mixtures. 2,182,612; Dec. 5.
Eaton, Elton, Beloit, Wis. Vehicle bumper. 2,157,657; May 9.
Eaton, Everett R., Darien, Conn., assignor to McCall Corporation, New York, N. Y. Making printing plates for multicolor printing. 2,142,437; Jan. 3.
Eaton, Frank, Manchester, England. Wearing apparel. 2,167,350; July 25.
Eaton, George, Cleveland, Ohio. Electric plug. 2,159,139; May 23.
Eaton, George, Cleveland, Ohio. Automotive device. 2,161,287; June 6.
Eaton, George M., Ben Avon, assignor to The National Supply Company, Pittsburgh, Pa. Making joints. 2,154,037; Apr. 11.
Eaton, George R., Oak Park, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Bell. 2,156,842; May 2.
Eaton, Gerald L., Osborne, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Conversion of hydrocarbon gases and oils and absorption system therefor. 2,182,536; Dec. 5.
Eaton, James A., Birmingham, Mich. Internal combustion engine. 2,147,644; Feb. 21.
Eaton, John, Schenectady, N. Y., assignor to General Electric Company. Boiler low water cut-off. 2,146,568; Feb. 7.
Eaton, John, Schenectady, N. Y., assignor to General Electric Company. Temperature control device. 2,179,285; Nov. 7.
Eaton, John F., assignor to American Steel Derrick Company, Tulsa, Okla. Counterbalancing device. 2,150,822; Mar. 14.
Eaton, Malcolm W., assignor, by mesne assignments, to Micro Switch Corporation, Freeport, Ill. Snap switch. 2,170,748; Aug. 22.
Eaton, Malcolm W., assignor to Micro Switch Corporation, Freeport, Ill. Electric snap switch construction. 2,172,673; Sept. 12.
Eaton Manufacturing Company. (See Carlson, G. W., and Russell, assignors.)
Eaton Manufacturing Company. (See Charlton, George, assignor.)
Eaton Manufacturing Company. (See Daisley, Robert H., assignor.)
Eaton Manufacturing Company. (See Dostal, Joseph L., assignor.)
Eaton Manufacturing Company. (See Frischman, T. A., and Shontz, assignors.)
Eaton Manufacturing Company. (See Hoern, Joseph H., assignor.)
Eaton Manufacturing Company. (See Jardine, Robert, assignor.)
Eaton Manufacturing Company. (See Russell, Robert C., assignor.)
Eaton Manufacturing Company. (See Russell, Robert S., assignor.)
Eaton Manufacturing Company. (See Shaw, Clarence W., assignor.)
Eaton Manufacturing Company. (See Swank, Arthur L., assignor.)
Eaton Manufacturing Company. (See Viers, E. D., and Case, assignors.)
Eaton Manufacturing Company. (See Voorhies, Carl, assignor.)
Eaton Manufacturing Company. (See Welsmiller, F. A., and Hoern, assignors.)
Eaton Manufacturing Company. (See Welsmiller, F. A., and Schneider, assignors.)
Eaton, Warren S., Los Angeles, Calif. Toilet kit. 2,180,226; Nov. 14.
Eaton, Wilfred A., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Brake mechanism. 2,182,047; Dec. 5.
Eaton, Wyman, and J. C. Hayes, assignors to Freyn Engineering Company, Chicago, Ill. Hot blast valve. 2,165,036; July 4.
Eaton Paper Corporation. (See Davis, Horace W., assignor.)
Eaton Paper Corporation. (See Fyler, Lane K., assignor.)
Eaves, William C., Elmhurst, assignor of forty percent to C. H. Fowler, New York, N. Y. Sound device. 2,153,500; Apr. 4.
Eaves, William C., Astoria Heights, assignor of forty per cent to C. H. Fowler, New York, N. Y. Audible railroad signal. 2,177,594; Oct. 24.
Ebbets, George D. (See Bailey, E. G., Cassidy, Hardgrove, and Ebbets.)
Eberhard Faber Pencil Co. (See Zoll, Henry, assignor.)
Eberhard, Harmon S. (See Starr, O. L., Grothe, and Eberhard.)
Eberhard, Harmon S., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Transmission. 2,150,432; Mar. 14.
Eberhard, Harmon S., Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Tractor. 2,150,433; Mar. 14.
Eberhard Manufacturing Company. (See Hennicke, Carl R., assignor.)
Eberhardt, Walter, Chicago, Ill. Sled. 2,175,594; Oct. 10.
Eberhart, Felix, Arlington, N. J., assignor to American Can Company, New York, N. Y. Can-coating machine. 2,166,945; July 25.
Eberhart, George, Lawrence, Kans. Sound post. 2,145,237; Jan. 31.
Eberling, Charles M., Cleveland, Ohio. Wrapping machine. 2,166,946; July 25.
Eberly, Walter C. (See Smellie, D. G., and Eberly.)
Eberspacher, J. (See Martin, Herbert, assignor.)
Eberspächer, J. (See Westermayer, August, assignor.)
Ebert, Alton, Rittman, Ohio. Lips closing appliance for corpses. 2,162,612; June 13.
Ebert, Edward A., and N. J. Gleiser, Buffalo, assignors to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Sequence selector mechanism for automatic phonographs. 2,183,607; Dec. 19.
Ebert, Fritz, Oberndorf-on-the-Necker, Germany. Auxiliary feeding mechanism for sewing machines. 2,145,509; Jan. 31.
Ebert, Fritz, assignor to Mauser-Werke A.-G., Oberndorf-on-the-Neckar, Germany. Method of and apparatus for performing looping on a multineedle seam covering sewing machine. 2,174,205; Sept. 26.
Ebert, Heinrich, Frankfort-on-the-Main, assignor to Vereinigte Deutsche Metallwerke Aktiengesellschaff, Frankfort on the Main, Heddernheim, Germany. Arrangement for automatically regulating the pitch of variable pitch propellers. 2,155,586; Apr. 25.
Ebert, John D., Kinsley, Kans. Portable stand. 2,172,123; Sept. 5.
Ebert, Joseph, Westmont, N. J., assignor to The Farastan Company, Philadelphia, Pa. Water soluble derivative of p-amino-benzenesulphonamide. 2,143,829; Jan. 10.
Ebert, Joseph, Westmont, N. J., assignor to The Farastan Company, Philadelphia, Pa. Water soluble derivatives of p-aminobenzene-sulphonamide. 2,182,075; Dec. 5.
Ebert, Joseph F., Hollis, N. Y., and T. A. Terjesen, Hoboken, N. J., assignors to Signal Engineering & Manufacturing Company, New York, N. Y. Alarm dispatching mechanism. 2,179,994; Nov. 14.

Ebert, Rudolf O. F., assignor to "Universelle" Cigarettenmaschinenfabrik J. C. Mueller & Co., Dresden, Germany. Apparatus for forming cigar tips. 2,156,780; May 2.
Eberts, Edward C. and K. M., Indianapolis, Ind. Treating liquids and semiliquids. 2,167,881; Aug. 1.
Eberts, Kenneth M. (See Eberts, Edward C. and K. M.)
Ebner, Alfred J., Elmhurst, Ill. Gas-washing apparatus. 2,163,141; June 20.
Ebner, Karl, Oberursel, near Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Process of and apparatus for the thermal decomposition of substances or mixtures of same. 2,155,119; Apr. 18.
Ebner, Oswald. (See Hönigsberg, R., and Ebner.)
Eboli, John E., New York, assignor of one-half to W. T. Kniesner, Larchmont, N. Y. Packaging dresses and the like. 2,162,168; June 13.
Eby, Eugene D., and T. C. Aitchison, Pittsfield, Mass., assignors to General Electric Company. Hydraulic press for cable connectors. 2,158,855; May 16.
Eby, Eugene D., and T. C. Aitchison, Pittsfield, Mass., assignors to General Electric Company. Hydraulic press. 2,180,979; Nov. 21.
Eby, Eugene D., and T. C. Aitchison, Pittsfield, Mass., assignors to General Electric Company. Hydraulic press for electric cables and utilizing the same. 2,182,663; Dec. 5.
Eby, Hugh H., Inc. (See Draving, Arthur M., assignor.)
Eby, Hugh H., Inc. (See Henning, Warren K., assignor.)
Eby, Ivan D., Philadelphia, Pa. Recording pitchometer. 2,172,368; Sept. 12.
Eccles, Emma G., Wilmette, Ill. Adjustable footrest. 2,177,174; Oct. 24.
Eccles, Thomas. (See Dreyfus, H., Moncrieff, Menzer, and Eccles.)
Eccleston, Howard R., Washington, D. C., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Closure for bottles and jars and making the same. 2,181,179; Nov. 28.
Echevarria, José U., Madrid, Spain. Grease box for rolling stock for railways and tramways. 2,170,471; Aug. 22.
Echlin, Edward P., administrator. (See Fogas, Livius V.)
Echlin, John E., and L. G. Erickson, assignors to Echlin Manufacturing Co., Inc., San Francisco, Calif. Apparatus for measuring frequency. 2,161,146; June 6.
Echlin Manufacturing Co. (See Echlin, J. E., and Erickson, assignors.)
Eck, Carl A., Stockholm, Sweden. Portable heat radiator. 2,154,976; Apr. 18.
Eck, Karl, Avalon, assignor to The Duff-Norton Manufacturing Company, Pittsburgh, Pa. Electrically operated lifting jack. 2,153,516; Apr. 4.
Eckardt, Rudolf, Leipzig, Germany, assignor to The National Acme Company, Cleveland, Ohio. Stock reel mechanism for automatic multiple spindle screw machines. 2,178,114; Oct. 31.
Eckardt, Rudolf, Leipzig, Germany, assignor to The National Acme Company, Cleveland, Ohio. Hand operated clamping device for multiple spindle machines. 2,178,115; Oct. 31.
Eckart, Harry G. L., Sydney, New South Wales, assignor to Alluvial Mining Equipment Limited, Sydney, Australia. Locking means for bucket pins. 2,181,125; Nov. 28.
Eckbo, Eivind J. (See Fougner, Nicolay K., assignor.)
Eckel, Arthur F., Chicago, Ill. Advertising sign. 2,146,944; Feb. 14.
Eckel, Arthur F., Chicago, Ill. Reflector. 2,181,725; Nov. 28.
Eckell, Johannes, and G. Ritter, Berlin, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Hydrocarbons from carbon monoxide and hydrogen. 2,159,140; May 23.
Eckelmann, Alfred. (See Koch, E., Schulz, and Eckelmann.)
Eckelmann, Alfred, and E. Koch, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-soluble salts of amidines and derivatives thereof. 2,147,401; Feb. 14.
Ecker, William E., Forest Hills, assignor to International Business Machines Corporation, New York, N. Y. Brush frame construction. 2,153,177; Apr. 4.
Eckert, Clarence R., Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Making shingles. 2,158,357; May 16.
Eckert, Clarence R., Englewood, N. J., assignor, by mesne assignments, to The Patent and Licensing Corporation, New York, N. Y. Thick butt shingle. 2,171,143; Aug. 29.
Eckert, David. (See Richmond, L., and Eckert.)
Eckert, Frederick, New York, N. Y. Bait float. 2,157,819; May 9.
Eckert, Martin J. (See Mokrohajsky, Fredrick R., assignor.)
Eckert, Wilhelm, Frankfort-on-the-Main-Hochst, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Chromiferous dyestuffs and preparing them. 2,164,767; July 4.
Eckert, Wilhelm, and O. Graunsdorf, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs derived from 1,4,5,8-naphthalene-tetra-carboxylic acid and preparing them. 2,143,830; Jan. 10.
Eckert, Wilhelm, and K. Schilling, Frangfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Chromable dyestuffs of the triarylmethane series and preparing them. 2,153,059; Apr. 4.
Eckert, Wilhelm, and K. Schilling, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Chromable dyestuffs of the triarylmethane series. 2,175,168; Oct. 10.
Eckert, Wilhelm, and K. Schilling, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Chromable dyestuffs of the triarylmethane series and preparing them. 2,175,716; Oct. 10.
Eckert, Wilhelm, and K. Schilling, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Chromable dyestuffs of the triarylmethane series. 2,183,237; Dec. 12.
Eckert, William F., Ridley Park, Pa. Transmission casing for internal combustion engine locomotives. 2,167,065; July 25.
Eckey, Eddy W., Wyoming, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Manufacture of ether derivatives of polyhydric alcohols. 2,182,397; Dec. 5.
Eckford, Jessiejo, et al. (See Cumpston, Curtis H., assignor.)
Eckhard, William K., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet feeder for printing presses. 2,147,286; Feb. 14.
Eckhard, William K., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet feed rotary printing press. 2,153,979; Apr. 11.
Eckhardt, Paul K. (See Lazich, B., and Eckhardt.)
Eckhold, Charles G., Wellston, Mo. Fork construction. 2,170,966; Aug. 29.
Eckleberry, Dorsey, Hawley, Pa. Clothesline and pulley. 2,181,878; Dec. 5.
Eckley, John M., et al. (See McElwain, William H., assignor.)
Eckman, Meril L., assignor to American Coach and Body Company, Cleveland, Ohio. Welding apparatus. 2,155,412; Apr. 25.
Eckman, Meril L., assignor to The American Coach & Body Company, Cleveland, Ohio. Welding apparatus. 2,155,413; Apr. 25.
Eckman, Meril L., assignor to American Coach and Body Company, Cleveland, Ohio. Cable construction. 2,175,749; Oct. 10.
Eckman, Meril L., assignor to The American Coach & Body Company, Cleveland, Ohio. Welding apparatus. 2,179,326; Nov. 7.
Eckrich, Henry C. and H. J., Sr., Fort Wayne, Ind., assignors to Peter Eckrich & Sons, Inc., Kalamazoo, Mich. Fat substitute and method of making. 2,161,029; June 6.
Eckrich, Herman J., Sr. (See Eckrich, Henry C. and H. J., Sr.)
Eckrich, Peter & Sons, Inc. (See Eckrich, Henry C. and H. J., Sr.)
Eclipse Aviation Corporation. (See Allen, Joseph W., assignor.)
Eclipse Aviation Corporation. (See Allen, J. W., and Graybrook, assignor.)
Eclipse Aviation Corporation. (See Baer, Howard E., assignor.)
Eclipse Aviation Corporation. (See Baer, H., and Finnegan, assignors.)
Eclipse Aviation Corporation. (See Berger, Adolph L., assignor.)
Eclipse Aviation Corporation. (See Berges, Donald M., assignor.)
Eclipse Air Brush Company. (See Downs, Austin H., assignor.)
Eclipse Aviation Corporation. (See Finnegan, M. J., and Baer, assignors.)
Eclipse Aviation Corporation. (See Gartner, John, assignor.)
Eclipse Aviation Corporation. (See Gilbert, Samuel, assignor.)
Eclipse Aviation Corporation. (See Gregg, David, assignor.)
Eclipse Aviation Corporation. (See Havill, Clinton H., assignor.)
Eclipse Aviation Corporation. (See Heintz, Ralph M., assignor.)
Eclipse Aviation Corporation. (See Lane, Clifford J., assignor.)
Eclipse Aviation Corporation. (See Lansing, Raymond P., assignor.)
Eclipse Aviation Corporation. (See Lansing, R. P., and Allen, assignors.)
Eclipse Aviation Corporation. (See McNeil, Charles I., assignor.)
Eclipse Aviation Corporation. (See McNeil, C. I., and Longfellow, assignors.)
Eclipse Aviation Corporation. (See McRae, D. C., and Franklin, assignors.)
Eclipse Aviation Corporation. (See Mock, Frank C., assignor.)
Eclipse Aviation Corporation. (See Nardone, Romeo M., assignor.)
Eclipse Aviation Corporation. (See Nowosielski, Edward B., assignor.)

Eclipse Aviation Corporation. (See Olshevsky, Dimitry E., assignor.)
Eclipse Aviation Corporation. (See Read, Joseph F., assignor.)
Eclipse Aviation Corporation. (See Tumey, Lawrence F., assignor.)
Eclipse Aviation Corporation. (See Tyler, Kingdon S., assignor.)
Eclipse Aviation Corporation. (See Zwack, Raymond T., assignor.)
Eclipse Machine Company. (See Lansing, R. P., and Hausamann, assignors.)
Eclipse Textile Devices, Inc. (See Mann, John V., assignor.)
Eco Motors Works, Inc. (See Osborne, Elmer L. (Granddaddy), assignor.)
Ecoff, Francis A., Richmond Heights, Mo., assignor to American Car and Foundry Company, New York, N. Y. Air conditioning system. 2,164,579; July 4.
Economakis, George P., Asbury Park, N. J. Candy cutting machine. 2,151,377; Mar. 21.
Economic Machinery Company. (See Holm, Carl, assignor.)
Economics Laboratory Inc. (See Bayliss, M., Wilson, and Ordal, assignors.)
Economy Baler Company. (See Langford, George W., assignor.)
Economy Engineering Company. (See White, Leon T., assignor.)
Economy Engineering Co. Inc. (See Saal, G. F., and Schmitt, assignors.)
Economy Faucet Co. (See Picut, Frederick C., assignor.)
Economy Forms Corporation. (See Jennings, William A., assignor.)
Economy Screw Corporation. (See Cherry, A. J., and Jaskowiak, assignors.)
Ecrement, Glenn L. (See Magruder, W. D., and Ecrement.)
Ecton, Clarence B., Slater, Mo. Roller skate. 2,164,805; July 4.
Edahl, Knute, Chicago, Ill. Metallic wall structure. 2,164,646; July 4.
Eddington Metal Specialty Co. (See Czarnecki, Walter, assignor.)
Eddy, Albert I., Hillside, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Battery electrode element and making the same. 2,157,072; May 2.
Eddy, Albert I., West Caldwell, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Dry cell. 2,175,686; Oct. 10.
Eddy, Albert I., West Caldwell, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Primary battery. 2,175,885; Oct. 10.
Eddy, Charles F. A., Quaker Hill, Conn. Signal device. 2,175,384; Oct. 10.
Eddy, Clyde W. (See De Eds, F. Eddy, and Thomas.)
Eddy, Donald A., Park Hills, assignor to The Kelley-Koett Manufacturing Company, Incorporated, Covington, Ky. X-ray cassette tunnel. 2,174,738; Oct. 3.
Eddy, Forrest R., Gary, Ind. Apparatus for winding scrap from multiple slitting shears. 2,185,076; Dec. 26.
Eddy, Harold C., Los Angeles, Calif., assignor, by mesne assignments, to Petrolite Corporation, Ltd., Wilmington, Del. Process and apparatus for treating oil. 2,182,145; Dec. 5.
Eddy, Nelson, Beverly Hills, Calif. Extension for gear-shift levers. 2,185,024; Dec. 26.
Edeby, John A., et al. (See Nilson, Harold, assignor.)
Edeleanu Gesellschaft m. b. H. (See Bösing, Ernst A., assignor.)
Edeleanu Gesellschaft, m. b. H. (See Koenemann, E., and Ramser, assignors.)
Edeleanu Gesellschaft, m. b. H. (See Terres, E., Moos and Ramser, assignors.)
Edeleanu Gesellschaft, m. b. H. (See Terres, E., Moos. and Saegebarth, assignors.)
Edeleanu Gesellschaft m. h. b. H. (See Terres, E., Saegebarth, and Moos, assignors.)
Edeleanu Gesellschaft m. b. H. (See Terres, E., Saegebarth, Moos, and Ramser, assignors.)
Edeleanu Gesellschaft m. b. H. (See Weir, James W., assignor.)
Edelhoff, Arthur. (See Böll, K., and Edelhoff.)
Edelhoff, Arthur, assignor to Spreng-und Tauchgesellschaft m. b. H., Berlin-Schoneberg, Germany. Blasting moory soil. 2,169,724; Aug. 15.
Edelman, Edward H. (See Keyes, Ernest E., assignor.)
Edelman, Monroe D., New York, and E. T. Tisza, Yonkers, assignors to Pyridium Corporation, Nepara Park, New York, N. Y. Hexamethylene tetramine salts of aromatic acids. 2,179,618; Nov. 14.
Edelmann, E., & Co. (See Cattoi, Louis C., assignor.)
Edelmann, Otto J., Englewood, N. J. Garment and making the same. 2,145,075; Jan. 24.
Eden, Harold W., Chicago, Ill., assignor to Triple-A Specialty Company. Manometer. 2,144,404; Jan. 17.
Eden, James A., assignor, by mesne assignments, to Bemis & Call Company, Springfield, Mass. Permutation lock. 2,144,047; Jan. 17
Eden, James A., Springfield, Mass., and P. Chase, West Hartford, Conn., assignors, by mesne assignments, to Bemis & Call Company, Springfield, Mass. Permutation lock. 2,183,792; Dec. 19.
Edes Manufacturing Company, The. (See Finkeldey William H., assignor.)
Edgar, David. (See Hyde, H. W., and Edgar.)
Edgar, David, Lynn, assignor to The Tanning Process Company, Boston, Mass. Polishing machine. 2,156,381; May 2.
Edgar, Donald E., Philadelphia, and H. G. Stauffer, Drexel Hill, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Abrasive. 2,184,293; Dec. 26.
Edgar, John, assignor to Barber-Colman Company, Rockford, Ill. Hobbing machine. 2,152,469; Mar. 28.
Edgar, John, assignor to Barber-Colman Company, Rockford, Ill. Broach. 2,173,901; Sept. 26.
Edgar, John, assignor to Barber-Colman Company, Rockford, Ill. Making form tools. 2,181,396; Nov. 28.
Edge, Alfred J., Savannah, Ga., and W. S. Edge, Pittsburgh, Pa. Resistance electric welding. 2,179,545; Nov. 14.
Edge, Jacob, assignor to Downingtown Manufacturing Company, Downingtown, Pa. Material conditioner. 2,176,393; Oct. 17.
Edge, Walter S. (See Edge, Alfred J. and W. S.)
Edgerton, Albert K. (See Fore, H. A., and Edgerton.)
Edgerton, Harold E., Belmont, Mass. Electric circuit. 2,152,639; Apr. 4.
Edgerton, Harold E., Watertown, Mass. Cutting machine. 2,181,879; Dec. 5.
Edgin, James E. and R., Charlotte, Tenn. Collapsible hogshead. 2,143,436; Jan. 10.
Edgin, Ray. (See Edgin, James E. and R.)
Edgington, Aaron D., assignor to Cheney Weeder Company, Cheney, Wash. Rod weeder chain tightener. 2,148,370; Feb. 21.
Edgington, Aaron D., assignor to Cheney Weeder Company, Cheney, Wash. Straw support for threachers. 2,165,888; July 11.
Edhofer, Georg, and G. Wolf, Munich, assignors to Dr. Alexander Wacker Gesellschaft für Elektrochemischer Industrie, G. m. b. H., Munich, Bavaria, Germany. Degreasing machine. 2,158,621; May 16.
Edison General Electric Appliance Company. (See Clark, Jesse H., assignor.)
Edison General Electric Appliance Company. (See Coultrip, Raymond L., assignor.)
Edison General Electric Appliance Company. (See Ettinger, Wallace J., assignor.)
Edison General Electric Appliance Company. (See Ewald, Fred J., Jr., assignor.)
Edison General Electric Appliance Company. (See Kempton, Leslie A., assignor.)
Edison General Electric Appliance Company. (See McCormick, Francis H., assignor.)
Edison General Electric Appliance Company. (See Randolph, Charles P., assignor.)
Edison General Electric Appliance Company. (See Rees, Gregory L., assignor.)
Edison General Electric Appliance Company. (See Shroyer, Jacob L., assignor.)
Edison General Electric Appliance Company. (See Stoddard, Edgar S., assignor.)
Edison General Electric Appliance Company. (See Sutton, Robert J., assignor.)
Edison General Electric Appliance Company. (See Walker, Forrest A., assignor.)
Edison General Electric Appliance Company. (See Walker, F. A., and Maisch, assignors.)
Edison General Electric Appliance Company. (See Walker, F. A., and Stoddard, assignors.)
Edison General Electric Company. (See Berg, Leo F., assignor.)
Edison, John S., assignor to Wm. P. Neil Company, Ltd., Los Angeles, Calif. Roof truss. 2,151,959; Mar. 28.
Edison, John S., assignor to Wm. P. Neil Company, Ltd., Los Angeles, Calif. Roofing-truss structure. 2,159,589; May 23.
Edison-Splitdorf Corporation. (See Dunham, Le Roy S., assignor.)
Edison-Splitdorf Corporation. (See Dunham, Le Roy S., and Robertson, assignors.)
Edison-Splitdorf Corporation. (See Robertson, Arthur F., assignor.)
Edison, Thomas A., Incorporated. (See Bradfield, Merrill L., assignor.)
Edison, Thomas A., Incorporated. (See Brown, Thomas C., assignor.)
Edison, Thomas A., Incorporated. (See Di Toro, Michael J., assignor.)
Edison, Thomas A., Incorporated. (See Dunning, Orville M., assignor.)
Edison, Thomas A., Incorporated. (See Dunning, O. M., and Jacobs, assignors.)
Edison, Thomas A., Incorporated. (See Eddy, Albert I., assignor.)
Edison, Thomas A., Incorporated. (See Fritzinger, George H., assignor.)
Edison, Thomas A., Incorporated. (See Gramann, Heinrich F. M., assignor.)
Edison, Thomas A., Incorporated. (See Huenlich, Charles, assignor.)
Edison, Thomas A., Incorporated. (See Huenlich, C., and Gramann, assignors.)
Edison, Thomas A., Incorporated. (See Jacobs, Charles T., assignor.)
Edison, Thomas A., Incorporated. (See Jacobs, C. T., and La Forest, assignors.)

Edison, Thomas A., Incorporated. (See Kurtze, Newton R., assignor.)
Edison, Thomas A., Incorporated. (See La Forest, Louis Z., assignor.)
Edison, Thomas A., Incorporated. (See Langley, Sam G., assignor.)
Edison, Thomas A., Incorporated. (See Somers, Richard M., assignor.)
Edison, Thomas A.. Incorporated. (See von Wedel, Carl J. R. H., assignor.)
Edison, Thomas A., Incorporated. (See Wilson, Herbert O., assignor.)
Edman, Olof. (See Gabrielson, John B., assignor.)
Edmister, Warren H., San Diego, Calif. Means and method of removing barbs and down from the stems of feathers. 2,173,935; Sept. 26.
Edmonds, Asbury S., Brooklyn, N. Y. Ball transmission mechanism. 2,160,308; May 30.
Edmonds, George P., Wilmington, Del., assignor to Bond Manufacturing Corporation, Inc. Cork extruding device. 2,143,549; Jan. 10.
Edmonds, William H. (See Roberts, G. J., and Edmonds.)
Edmondson, William H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic brake for motor shafts. 2,172,440; Sept. 12.
Edmonston, Allie, Wellston, assignor to Air Pressure Indicators, Inc., St. Louis, Mo. Pressure indicator. 2,179,255; Nov. 7.
Edmont Manufacturing Company. (See Montgomery, Edward E., assignor.)
Edmunds, Guy W., St. Louis, Mo., assignor to Underwood Elliott Fisher Company, New York, N. Y. Writing machine. 2,152,841; Apr. 4.
Edna Brass Manufacturing Company, The. (See Corey, Elmer O., assignor.)
Edström, Eric, Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Suction nozzle. 2,142,502; Jan. 3.
Edström, Eric, Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Suction nozzle. 2,143,845; Jan. 17.
Edström, Eric, Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Suction nozzle. 2,182,146; Dec. 5.
Edstrom, Willard H., St. Paul, Minn. Roller skate. 2,168,820; Aug. 8.
Educational Laboratories, Inc. (See Taylor, Carl C., assignor.)
Educational Laboratories, Inc. (See Taylor, Earl A., assignor.)
Edwal Laboratories, Inc., The. (See Lowe, Edmund W., assignor.)
Edward, Frank A., Arlington, and H. L. Patnaude, Newtonville, assignors to Fae Lock Company, Inc., Cohasset, Mass. Safety closure for filing tubes of tanks. 2,145,212; Jan. 24.
Edwardes, John, and S. R. du Brie, Detroit, Mich. Mold. 2,172,466; Sept. 12.
Edwards and Company. (See Edwards, Robert S., assignor.)
Edwards and Company. (See Miller, Christian, assignor.)
Edwards and Company. (See Ruth, Edward S., assignor.)
Edwards, Carl, et al. (See Jensen, Roy E., assignor.)
Edwards, Charles E., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Tape dispensing device. 2,147,738; Feb. 21.
Edwards, Charles R., Houston, Tex. Outside pipe cutter. 2,160,691; May 30.
Edwards, Crewdson. (See Edwards, Judson T. and C.)
Edwards, David H., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Packaging. 2,164,505; July 4.
Edwards, David H., Kenmore, and R. E. Hartman, Buffalo, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Tube cutting apparatus. 2,181,124; Nov. 28.
Edwards, Donald V., Montclair, N. J., assignor to General Railway Signal Company, Rochester, N. Y. Continuous inductive cab signaling and train control system. 2,150,857; Mar. 14.
Edwards, Donald V., Montclair, N. J., assignor to Electrons, Inc. of Delaware. Metal discharge tube and apparatus. 2,173,473; Sept. 19.
Edwards, Donald V., Montclair, N. J., assignor to Electrons, Inc., of Delaware. Vitreous sealing substance. 2,175,019; Oct. 3.
Edwards, Donald V., Montclair, and E. B. Van Note, Trenton, N. J., assignors to Electrons, Inc. of Delaware. Electron tube. 2,181,366; Nov. 28.
Edwards, E. E. (See Wagers, Beverly T., assignor.)
Edwards, E. H., Company, The. (See White, Herbert E., assignor.)
Edwards, Earl W., Los Angeles, Calif. Folding card table. 2,147,972; Feb. 21.
Edwards, Edward B. (See Bassett, H. P., and Edwards.)
Edwards, Edward P., Larchmont, assignor to Oldetyme Distillers, Inc., New York, N. Y. Combined closure and dispensing device. 2,164,314; July 4.
Edwards, Edward P., Larchmont, assignor to Oldetyme Distillers, Inc., New York, N. Y. Combined closure and dispensing device. 2,164,315; July 4.
Edwards, Eldred E. (See Putnam, J. F., and Edwards.)
Edwards, Esther I., Brooklyn, N. Y. Hair curler. 2,142,634; Jan. 3.
Edwards, George H. (See Craig, R., and Edwards.)
Edwards, George S. (See Dusevoir, J., and Edwards.)
Edwards, Gertrude E., Modesto, Calif. Condiment holder. 2,155,534; Apr. 25.
Edwards, Gordon C., Toronto, Ontario, Canada. Apparatus for projecting aerial signs. 2,165,246; July 11.
Edwards, Henry J., Ottawa Hill, assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Mechanism control 2,154,929; Apr. 18.
Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injector. 2,144,874; Jan. 24.
Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injector. 2,168,839; Aug. 8.
Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injector. 2,172,556; Sept. 12.
Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Automatic fuel feed control for internal combustion engines. 2,175,458; Oct. 10.
Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injection pump. 2,185,144; Dec. 26.
Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel pump. 2,185,145; Dec. 26.
Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injection pump. 2,185,146; Dec. 26.
Edwards, Herbert C., Massillon, assignor to The Timken Roller Bearing Company, Canton, Ohio. Speed governing pump. 2,185,147; Dec. 26.
Edwards, Herbert C., Massillon, and A. F. Campbell, assignors to The Timken Roller Bearing Company, Canton, Ohio. Filter. 2,146,205; Feb. 7.
Edwards, Herbert E., Wellesley, Mass. Machine tool. 2,182,551; Dec. 5.
Edwards, Hilding, New York, N. Y. Loader conveyer. 2,150,211; Mar. 14.
Edwards, Hilding, New York, N. Y. Guiding means for conveyer chains. 2,150,320; Mar. 14.
Edwards, Inc. (See Bassett, H. P., and Edwards, assignors.)
Edwards, James A., Kansas City, Mo. Can assembly. 2,166,465; July 18.
Edwards, Josephine S., executrix. (See Edwards, William C., Jr., assignor.)
Edwards, Judson T. and C., assignors to F. Turshin, St. Louis, Mo. Electric shampoo container. 2,150,762; Mar. 14.
Edwards, Junius D. (See Newcome, J. W., and Edwards.)
Edwards, Junius D., Oakmont, and R. B. Mason, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Protective coating for aluminum and its alloys. 2,171,545; Sept. 5.
Edwards, Junius D., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Aluminum record blank. 2,174,720; Oct. 3.
Edwards, Lawrence A., et al. (See Crotts, Andrew P. assignor.)
Edwards, Martin A. (See Libman, E. E., and Edwards.)
Edwards, Martin A., Schenectady, N. Y., assignor to General Electric Company. Discharge lamp system. 2,142,837; Jan. 3.
Edwards, Martin A., Schenectady, N. Y., assignor to General Electric Company. Electrical control system. 2,169,093; Aug. 8.
Edwards, Martin A., Schenectady, N. Y., assignor to General Electric Company. Electric discharge apparatus. 2,170,446; Aug. 22.
Edwards, Martin A., Schenectady, N. Y., assignor to General Electric Company. Electric discharge apparatus. 2,170,447; Aug. 22.
Edwards, Martin A., Schenectady, N. Y., assignor to General Electric Company. Electric discharge apparatus. 2,170,448; Aug. 22.
Edwards, Martin A., Schenectady, N. Y., assignor to General Electric Company. Electric discharge apparatus. 2,170,449; Aug. 22.
Edwards, Martin A., and B. D. Bedford, Schenectady, N. Y., assignors to General Electric Company. Illuminating circuits. 2,170,450; Aug. 22.
Edwards, Miles L., Portland, Oreg. Method and apparatus for treating paper pulp. 2,148,448; Feb. 28.
Edwards, O. M., Company, The. (See Axe, Roy T., assignor.)
Edwards, O. M., Company, The. (See Chaffee, Edward F. assignor.)
Edwards, O. M., Company, The. (See Edwards, Oliver M., assignor.)
Edwards, O. M., Company, The. (See Edwards, O. M., and Nelson, assignors.)
Edwards, O. M., Company. (See Nelson, Russell B. assignor.)
Edwards, O. M., Company, The. (See Stephenson, Samuel S., assignor.)
Edwards, Oliver M., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Window construction. 2,150,675; Mar. 14.
Edwards, Oliver M., assignor to The O. M. Edwards Company Inc., Syracuse, N. Y. Window construction. 2,167,973; Aug. 1.

Edwards, Oliver M., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Window construction. 2,167,974; Aug. 1.
Edwards, Oliver M., assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Window construction. 2,174,781; Oct. 3.
Edwards, Oliver M., Syracuse, and R. B. Nelson, Onondaga, assignors to The O. M. Edwards Company, Inc., Syracuse, N. Y. Window construction. 2,144,106; Jan. 17.
Edwards, Paul G., Bloomfield, N. J., assignor to American Telephone and Telegraph Company. Mechanical relay. 2,163,195; June 20.
Edwards, Quincy A., Billings, Mont. Ball return for bowling alleys. 2,175,750; Oct. 10.
Edwards, Robert S., Springdale, assignor to Edwards and Company, Inc., Norwalk, Conn. Transformer construction. 2,148,449; Feb. 28.
Edwards, Robert S., New Rochelle, N. Y., assignor to Edwards and Company, Inc., Norwalk, Conn. Push-button switch construction. 2,169,996; Aug. 22.
Edwards, Robert S., Milton, Mass., assignor to Rumford Chemical Works, Rumford, R. I. Paint. 2,172,997; Sept. 12.
Edwards, Stevenson K., Oakland, Calif. Flash lamp synchronizer. 2,171,743; Sept. 5.
Edwards, Thomas O., Jr., Associated, and D. D. Stark, Watson, assignors, by mesne assignments, to Tide Water Associated Oil Company, San Francisco, Calif. Sulphuric acid treatment of oils. 2,155,007; Apr. 18.
Edwards, Wilbert A., Reedville, Va. Motorboat. 2,156,938; May 2.
Edwards, William C., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Steering column lock. 2,148,609; Feb. 28.
Edwards, William C., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Steering column lock switch. 2,160,261; May 30.
Edwards, William C., and S. R. Conwell, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Selector switch. 2,170,711; Aug. 22.
Edwards, William C., Jr., deceased, Kansas City, Mo.; J. S. Edwards, executrix, assignor to J. S. Edwards, Merriam, Kans. Rotary harvester-thresher. 2,173,605; Sept. 19.
Edwards, William E. (See Sutcliffe, E. R., and Edwards.)
Edwards, William F. M., assignor to Filter Tips Limited, London, England. Manufacture of filter tip cigarettes. 2,160,201; May 30.
Edwards, William F. M., Esher, assignor to Filter Tips Limited, London, England. Manufacture of cigarettes 2,162,424; June 13.
Edwards, William F. M., Hinchley Wood, Esher, assignor to Filter Tips Limited, London, England. Cigarette apparatus. 2,166,486; July 18.
Edwards, William F. M., London, and R. F. May, Middlesex, assignors to Filter Tips Limited, London, England. Manufacture of cigarettes. 2,180,669; Nov. 21.
Edwards, William K., Big Spring, and O. Thompson, Wickett, Tex. Flow preventer for oil wells. 2,163,976; June 27.
Edwards, William W., Franklin, N. H., assignor to M. T. Stevens & Sons Company, North Andover, Mass. Creel for yarn packages. 2,157,073; May 2.
Eeles, George F., Springs, Transvaal, Union of South Africa. Folding or collapsible umbrella. 2,143,978; Jan. 17.
Eesti Patendi Aktsiaselts. (See Scheloumow, Peter, assignor.)
Efimoff, Viatcheslav V. (See Comstock, G. F., and Efimoff.)
Efron, Alexander, assignor to Checkmaster Plan, Inc., New York, N. Y. Filing box. 2,164,133; June 27.
Egan Cotton Mills. (See Hunt, Jesse A., assignor.)
Egeberg, Birger, and N. Promisel, assignors to International Silver Company, Meriden, Conn. Silver plating process. 2,176,668; Oct. 17.
Egenolf, Jacob F., San Francisco, Calif., assignor to Continental Can Company, Inc., New York, N. Y. Device for testing cans for defects. 2,177,019; Oct. 24.
Eger, Ernst, Grosse Pointe Park, Mich., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Inner tube for pneumatic tires. 2,150,648; Mar. 14.
Eger, Ernst, Grosse Pointe Park, Mich., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Device for slitting tire treads. 2,165,842; July 11.
Egersdörfer, Fritz, Berlin, Germany. Fuel feeding device for internal combustion engines. 2,157,284; May 9.
Egersdörfer, Fritz, Berlin, Germany. Fuel feeding device for internal combustion engines. 2,157,285; May 9.
Egersdörfer, Fritz, Berlin, Germany. Fuel feeding device for internal combustion engines. 2,161,507; June 6
Egersdörfer, Fritz, and F. Wucherer, Berlin, Germany. Apparatus for feeding fuel to internal combustion engines. 2,173,578; Sept. 19.
Egger, Albert B., assignor of one-fourth to W. I. Dement, Jackson, Miss. Paper feeding and reloading mechanism. 2,178,783; Nov. 7.
Eggerss, Hans A., Van Wert, Ohio. Container. 2,162,396; June 13.
Eggerss, Hans A., Van Wert, Ohio. Tool for applying split clamping rings to containers. 2,184,921; Dec. 26.
Eggert, Johann, Berlin, and W. Gellendien, assignors to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Manufacture of cellulose products. 2,179,449; Nov. 7.
Eggert, John, and F. Luft, Leipzig, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Intensifying and fluorescent screen. Re. 21,216; Sept. 26.
Eggert, John, Leipzig-Gohlis, and G. Heymer, Wolfen Kreis Bitterfield, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Printing lenticular film and lenticular film therefor. 2,144,649; Jan. 24.
Eggert, John, Leipzig-Gohlis, and A. Küster, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Recording sound photographically. 2,150,823; Mar. 14.
Eggert, John, and F. Luft, Leipzig, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Intensifying and fluorescent screen. 2,150,966; Mar. 21.
Eggert, John, Leipzig-Gohlis, and B. Wendt, Dessau, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Manufacture of colored photographic pictures. 2,153,617; Apr. 11.
Eggert, John, Leipzig, and B. Wendt, Dessau, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Photographic developing process. 2,163,781; June 27.
Eggert, John, Leipzig, and B. Wendt, Dessau, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Wrapping material. 2,171,427; Aug. 29.
Eggert, John, Leipzig-Gohlis, and G. Heymer, Wolfen Kreis Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Photographic printing on lenticular films. 2,177,417; Oct. 24.
Eggert, John, Leipzig-Gohlis, and A. Froehlich and B. Wendt, Dessau, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Color photography and material therefor. 2,179,228; Nov. 7.
Eggink, Gerrit, Beilen, Netherlands. Wire tensioning device. 2,177,562; Oct. 24.
Eggleston, Gilbert K., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,150,858; Mar. 14.
Eggleston, Lewis W., assignor to Detroit Lubricator Company, Detroit, Mich. Valve. 2,146,696; Feb. 7.
Eggleston, Lewis W., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,174,150; Oct. 3.
Eggleston, Oscar P., Theresa, N. Y. Nonfreeze tip-up. 2,170,000; Aug. 22.
Eggleston, Smith, assignor to Standard Conveyor Company, St. Paul, Minn. Roller conveyer. 2,182,756; Dec. 5.
Eglinton, William, Reseda, and H. G. Cunningham, Los Angeles, Calif., assignors to R. K. O. Studios, Inc. Camera blimp. 2,179,817; Nov. 14.
Egloff, Hans C., assignor to Sulzer Freres Société Anonyme, Winterthur, Switzerland. Steam generator apparatus. 2,155,039; Apr. 18.
Ego, George R., Brantford, Ontario, assignor to Massey-Harris Company, Limited, Toronto, Ontario, Canada. Earth working implement. 2,184,416; Dec. 26.
Egry Register Company, The. (See Scudds, Francis M., assignor.)
Egry Register Company, The. (See Wyrick, Clayton E., assignor.)
Egyesült Izzólámpa és Villamossagi r. t. (See Bay, Zoltan, assignor.)
Egyesült Izzólámpa és Villamossági rt. (See Selényi, Paul, assignor.)
Egyptian Lacquer Manufacturing Company. (See Bowlby, Walter D., assignor.)
Egyptian Lacquer Manufacturing Company. (See White, Arthur H., assignor.)
Ehlers, George M., assignor, by mesne assignments, to Globe-Union Inc., Milwaukee, Wis. Spark suppressor resistor. 2,166,755; July 18.
Ehlert, Arthur H., Devils Tower, Wyo. Pencil holder. 2,178,165; Oct. 31.
Ehlert, Arthur W., and T. R. Fouts, assignors to Unique Knitting Company, Acworth, Ga. Knitting machine. 2,183,216; Dec. 12.
Ehmann, Leslie G., assignor to Electric Steel Foundry, Portland, Oreg. Connecting link. 2,175,504; Oct. 10.
Ehrenstein, Paul, Lyon, France, assignor to Societe "Rhodiaceta". Preparing artificial threads. 2,145,076; Jan. 24.
Ehresmann, Adam, Kaiserslautern, and L. Streibel, Karlsruhe, Germany. Soling machine. 2,180,227; Nov. 14.
Ehret, Clement, White Plains, N. Y. Adjustable stove support. 2,143,411; Jan. 10.
Ehret, Clement, White Plains, N. Y. Washing and drying dishes and apparatus for practicing same. 2,155,220; Apr. 18.
Ehret, Clement, White Plains, N. Y. Antiskid device for motor vehicles. 2,184,664; Dec. 26.
Ehret, Clement, White Plains, assignor to International Business Machines Corporation, New York, N. Y. Card perforator with spot detector. 2,146,291; Feb. 7.
Ehrgott, Karl, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Toaster. 2,172,194; Sept. 5.

Ehrhardt, George J., Oakmont, assignor to Blaw-Knox Company, Pittsburgh, Pa. Clamshell bucket and corner bracket therefor. 2,161,147; June 6.
Ehrhardt, Paul G., Frankfort-on-the-Main, and A. Sprater, Berlin-Frohnau, Germany. Retractable alighting gear for airplanes. 2,165,465; July 11.
Ehrhart, Gustav. (See Böckmuhl, M., and Ehrhart.)
Ehrhart, Gustav. (See Bockmühl, M., Ehrhart, and Ruschig.)
Ehrhart, Gustav. (See Bockmühl, M., Ehrhart, Ruschig, and Aumüller.)
Ehrhart, Gustav. (See Bockmühl, M., Ehrhart, and Stein.)
Ehrhart, Oskar, assignor to Deutsche Gold und Silber Scheideanstalt vormals Roessler, Frankfort-on-the-Main, Germany. Converting gold, platinum, and other metals of the platinum group into a dissolved form. 2,150,366; Mar. 14.
Ehrich & Graetz Aktien-Gesellschaft. (See Lucas, Paul, assignor.)
Ehrig, Hans, and U. Keilhauer, Leipzig, Germany. Sheet feeder. 2,146,945; Feb. 14.
Ehrlich, Josef, Klosterneuburg, Austria, assignor to Works Development Company, Limited, London, England. Two-stroke engine. 2,168,096; Aug. 1.
Ehrlich, Karl, Milan, Italy. Cone bearing. 2,185,056; Dec. 26.
Ehrlich, Rose, assignor to Lapin-Kurley Kew, Inc., New York, N. Y. Eyeshield. 2,176,006; Oct. 10.
Ehrlich, Rose, assignor to Laplin-Kurley Kew, Inc., New York, N. Y. Eyeshield. 2,177,610; Oct. 24.
Ehrlich, Samuel D. (See Franz, B. M., Wilkinson, and Ehrlich.)
Ehrlund, Carl R., and J. E. Magnusson, Stockholm, Sweden. Ring book mechanism. 2,174,625; Oct. 3.
Ehrsam, J. B., & Sons Manufacturing Company, The. (See Ehrsam, William J., assignor.)
Ehrsam, William J., assignor to The J. B. Ehrsam & Sons Manufacturing Company, Enterprise, Kans. Punch. 2,182,744; Dec. 5.
Eiane, Halvor O., Washington Island, Wis. Automatic rifle. 2,144,241; Jan. 17.
Eiane, Halvor O., Washington Island, Wis. Automatic gun. 2,149,512; Mar. 7.
Eiane, Halvor O., Washington Island, Wis. Grasshopper trap. 2,153,713; Apr. 11.
Eiane, Halvor O., Washington Island, Wis. Bolt cushioning device. 2,165,093; July 4.
Eibner, Julius, Philadelphia, Pa. Method of and apparatus for waving hair. 2,142,635; Jan. 3.
Eichel, Frank A., assignor to Tom Lamb Company, Inc., New York, N. Y. Furniture. 2,170,400; Aug. 22.
Eichel, Helmut. (See Hopff, H., Eichel, and Diebold.)
Eichelberger, William C., Syracuse, assignor to The Solvay Process Company, New York, N. Y. Purification of aqueous caustic solutions. 2,142,670; Jan. 3.
Eichenbaum, Irving A., New York, N. Y. Automatic hat finishing machine. 2,148,153; Feb. 21.
Eichenberger, Erwin, Detroit, Mich. Combination flashlight and magnifying glass. 2,178,371; Oct. 31.
Eichenlaub, Adelbert C., Dearborn, assignor to Peerless Cement Corporation, Detroit, Mich. Cement composition for mason's mortar. 2,164,871; July 4.
Eichholz, August G., assignor of forty-nine one-hundredths to A. J. Epelley and twentyfour-and-one-half one-hundredths to J. Gebhart, St. Louis, Mo. Hosiery mending device. 2,179,372; Nov. 7.
Eichholz, William. (See Leutwiler, R. W., and Eichholz.)
Eichholz, Willy, Mannheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs. 2,144,365; Jan. 17.
Eichner, Albert D., New York, N. Y. Knitting jack. 2,165,464; July 11.
Eichwald, Benjamin, Brooklyn, N. Y. Electric outlet box. 2,143,767; Jan. 10.
Eichwald, Benjamin, Brooklyn, N. Y. Rack wiring unit. 2,143,768; Jan. 10.
Eichwald, Egon, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Manufacturing lubricants. 2,152,683; Apr. 4.
Eichwald, Egon, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Extraction process. 2,153,116; Apr. 4.
Eichwald, Egon, Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Stabilizing fatty oil polymers. 2,160,572; May 30.
Eickman, Walter C., Dayton, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Paper drilling machine. 2,142,560; Jan. 3.
Eickman, Walter C., Dayton, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Die press with roller feed. 2,164,806; July 4.
Eickman, Walter C., Dayton, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Two-hand control. 2,182,018; Dec. 5.
Eidco, Inc. (See Hokanson, Martin, assignor.)
Eidmann, Franz E., Eberswalde, near Berlin, Germany. Testing tubers for virus infection. 2,183,553; Dec. 19.
Eigabroadt, Harry C. (See Kellogg, W. D., and Eigabroadt.)
Eikel, Karl C., Chicago, Ill., assignor to Armour and Company. Meat treatment. 2,182,891; Dec. 12.
Eiler, Anthony J., Hill City, Minn. Cigarette lighter. 2,179,716; Nov. 14.
Eilers, Frederick B., Rochester, N. Y. Portable foot spraying apparatus. 2,170,553; Aug. 22.
Eimco Corporation, The. (See Mayer, Robert S., assignor.)
Eimco Corporation, The. (See Royle, Edwin B., assignor.)
Eimco Corporation. (See Stevens, John W., assignor.)
Einbeck, Friedrich, assignor to the firm Aug. Klönne, Dortmund, Germany. Plunger for closure of a gas holder. 2,145,620; Jan. 31.
Einbeck, Friedrich, Dortmund, Germany, assignor to The Stacey Bros. Gas Construction Company, Cincinnati, Ohio. Waterless gas holder. 2,145,812; Jan. 31.
Einbeck, Friedrich, and O. Korbmacher, assignors to the firm Aug. Klonne, Dortmund, Germany. Gas holder. 2,184,795; Dec. 26.
Einfalt, Georg, Nuremberg, Germany. Toy railway. 2,180,405; Nov. 21.
Einung, John N., Wayne, Nebr. Overhead door track construction. 2,148,735; Feb. 28.
Eisele, Daniel K., Philadelphia, Pa. Fireplace screen. 2,150,367; Mar. 14.
Eisele, Felix, Rabenstein, near Chemnitz, assignor to Wanderer-Werke vorm. Winklhofer & Jaenicke Akt.-Ges., Siegmar-Schonau, Germany. Guide for machine tools. 2,182,019; Dec. 5.
Eisemann Magneto Corporation. (See Purdy, Everett M., assignor.)
Eisen, Jay B., Yonkers, assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y. Making center spot crowns. 2,150,212; Mar. 14.
Eisen, Jay B., Yonkers, assignor to Ferdinand Gutmann & Co., Brooklyn, N. Y. Bottle closure. 2,151,019; Mar. 21.
Eisenbeis, William J., and C. O. Williamson, Pittsburgh, Pa. Sound-wave generator. 2,152,177; Mar. 28.
Eisenberg, Charles G., Jr., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Bulk material delivery truck. 2,169,463; Aug. 15.
Eisenberg, Isadore P. (See Wicks, Mildred I., assignor.)
Eisenberg, Leonard, Bronx, N. Y. Attachment for paint cans or the like. 2,180,581; Nov. 21.
Eisenberg, Le Roy, Flushing, assignor to I. B. Kleinert Rubber Company, New York, N. Y. Dress shield. 2,165,359; July 11.
Eisendrath, B. D., Tanning Co. (See Cameron, Donald H., assignor.)
Eisenhut, August. (See Pier, M., and Eisenhut.)
Eisenhut, August. (See Pier, M., Simon, and Eisenhut.)
Eisenhut, Otto, Heidelberg, H. Rein, Homberg von der Hohe, and H. Widmann, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of artificial threads or the like. 2,154,893; Apr. 18.
Eisenlohr, Friedrich, assignor to G. Staehle Kommanditgesellschaft, Stuttgart-Bad Cannstatt, Germany. Power driven, manually guided lawn mower. 2,154,564; Apr. 18.
Eisenlohr, Gustav W., Wyoming, assignor to The M. Werk Company, St. Bernard, Ohio. Hydrolyzing oils and fats. 2,154,835; Apr. 18.
Eisenlohr, Hans, Nurtingen, Wurttemberg, Germany. Hydraulically operated hacksaw. 2,182,289; Dec. 5.
Eisenman, Louis, Brooklyn, N. Y. Fender sight. 2,158,005; May 9.
Eisenman, Louis, Brooklyn, N. Y. Hair curler. 2,163,226; June 20.
Eisenmann Magneto Corporation. (See Tabb, Warner T., assignor.)
Eisenstein, Bernard H., Laurelton, N. Y. Dental jacket. 2,154,499; Apr. 18.
Eisenwerk Kaiserslauter, et al. (See Frank, K., and Osterloh, assignors.)
Eishenhut, Otto, Heidelberg, H. Rein, Homburgh vor der Hohe, and E. Kaupp, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Akitengesellschaft, Frank-fort-on-the-Main, Germany. Manufacture of artificial silk. 2,155,934; Apr. 25.
Eisinger, Rudolph J., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system for air conditioning apparatus. 2,145,298; Jan. 31.
Eisleb, Otto, Hofheim in Taunus, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Piperidine compounds and preparing them. 2,167,351; July 25.
Eisler, Marcel J., New York, N. Y., assignor to Conmar Products Corporation, Bayonne, N. J. Figure adapted for advertising and toy purposes. 2,180,340; Nov. 21.
Eissmann, Oswald E., assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Muller & Co., Dresden, Germany. Apparatus for comminuting and classifying tobacco. 2,163,833; June 27.
Eissmann, Oswald E., Richmond, Va., assignor to "Universelle" Cigarettenmaschinenfabrik J. C. Mueller & Co., Dresden, Germany. Tobacco sorting and separating machine. 2,173,087; Sept. 19.
Eissmann, Oswald E., Richmond, Va., assignor to "Universelle" Cigarettenmaschinenfabrik J. C. Muller & Co., Dresden, Germany. Separating device. 2,173,088; Sept. 19.
Eissner, Erich, Siegmar-Schoenau, near Chemnitz, Germany, assignor to Kalio, Inc., New York, N. Y. Flat-knitting machine. 2,175,184; Oct. 10.
Eistert, Bernd. (See Krzikalla, H., Ufer, Eistert, and Klaproth.)

Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Stock ticker and tape puller. Re. 21,235; Oct. 17.
Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Tape pulling device. 2,145,251; Jan. 31.
Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Message transmitting projecting system. 2,148,450; Feb. 28.
Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Projecting machine. 2,149,283; Mar. 7.
Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Tape feed controlling mechanism. 2,153,552; Apr. 11.
Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Tape advancing machine. 2,155,414; Apr. 25.
Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Page projector. 2,160,847; June 6.
Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Page projector. 2,160,848; June 6.
Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Message transmitting system. 2,170,132; Aug. 22.
Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Broad-tape illuminator. 2,170,133; Aug. 22.
Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Stock quotation projecting machine. 2,173,830; Sept. 26.
Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Cutting device for stock quotation projection machines. 2,173,831; Sept. 26.
Eitzen, August D., Rockville Centre, assignor to News Projection Corporation, New York, N. Y. Stock quotation projection machine. 2,176,067; Oct. 17.
Ekbom, Hilmer N., Chicago, Ill., assignor to Link-Belt Company. Traction device. 2,167,039; July 25.
Ekbom, Hilmer N., and E. Korensky, Chicago, and E. R. Staehelin, Glencoe, Ill., assignors to Link-Belt Company. Center pin construction. 2,147,973; Feb. 21.
Ekbom, Hilmer N., and E. Korensky, Chicago, Ill., assignors to Link-Belt Company. Swivel roller construction. 2,163,729; June 27.
Eken, Harry F., Cincinnati, Ohio. Valve. 2,151,466; Mar. 21.
Ekes, Ludwik. (See Rosenwald, M., and Ekes.)
Ekhard, Willy, Berlin-Pankow, Germany. Fermentation process for improving vegetable and animal oils and fats as well as other glycerides of the fatty acids. 2,172,531; Sept. 12.
Ekhard, Willy, Berlin-Pankow, Germany. Fermentation process for treating crude ethereal oils. 2,184,637; Dec. 26.
Ekholm, Carl G. (See Summers, Austin P., assignor.)
Ekholm, Herbert W. (See Osner, C. W., and Ekholm.)
Ekin, Hursel L., assignor to Hercules Steel Products Company, Galion, Ohio. Unit for applying cement pneumatically. 2,176,332; Oct. 17.
Eklund, Ivar G., Detroit, Mich., assignor to Midland Steel Products Company, Cleveland, Ohio. Motor vehicle frame. 2,154,154; Apr. 11.
Eklund, Ivar G., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Vehicle frame and making same. 2,173,515; Sept. 19.
Eklund, Ivar G., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Automobile frame. 2,173,516; Sept. 19;
Ekman, Olof I. H., Stockholm, Sweden. Siren. 2,174,125; Sept. 26.
Eksergian, Carolus L., Detroit, Mich., assignor to Edw. G. Budd Manufacturing Company, Philadelphia, Pa. Combined body and chassis construction. 2,157,649; May 9.
Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Wheel mounting. 2,161,740; June 6.
Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Composite brake drum. 2,162,072; June 13.
Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Vehicle braking system. 2,172,817; Sept. 12.
Eksergian, Carolus L., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Disk wheel. 2,179,656; Nov. 14.
Eksergian, Carolus L., and P. E. Baker, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Tire-valve chuck. 2,160,414; May 30.
Ekstrand, Karl H., Skarplinge, Sweden. Supporting arm device. 2,184,587; Dec. 26.
Ekstrand Manufacturing Co. (See Montgomery, Frederick G., assignor.)
Ekström, Alfred, Fittja, Sweden. Laundering. 2,143,307; Jan. 10.
Elastic Rail Spike Corporation. (See Kuckuck, Berthold, assignor.)
Elastic Stop Nut Corporation. (See Swanstrom, Carl A., assignor.)
Elastic Stop Nut Corporation. (See Thomas, Harold B., assignor.)
Elberty, Robert S., Jr., Waynesboro, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulation. 2,169,024; Aug. 8.
Elder, Donald. (See Koch, O. L., and Elder.)
Elder, Irvin F. (See Slezinsky, F. L., and Elder.)
Elder, Robert F., Newton, and L. F. Woodruff, Belmont, Mass., assignors to A. C. Nielson Company, Chicago, Ill. Recorder. 2,175,937; Oct. 10.
Elder, Thomas A., Scotia, N. Y., assignor to General Electric Company. Glass-to-metal seal. 2,174,381; Sept. 26.
Elder, Thomas A., and A. C. Gable, assignors to General Electric Company, Scotia, N. Y. Electric discharge device and seal therefor. 2,174,382; Sept. 26.
Elder, Thomas J., Decatur, Tex. Vending machine. 2,176,394; Oct. 17.
Elderkin, James K., Montclair, and E. Hofman, Newark, N. J., assignors to Chemical Products Company of New Jersey, Inc. Preparing dietary antirachitic substances. 2,183,933; Dec. 19.
Eldorado Escalator Co. (See Koch, H., and Burke, assignors.)
Eldredge, Arthur H., et al. (See Martel, Adelard F., assignor.)
Eldridge, Everett, assignor to Vulcan Corporation, Portsmouth, Ohio. Last block gauge for last lathes. 2,160,723; May 30.
Electra Sales Corporation. (See Ganz, H. A., and Kamm, assignors.)
Electra Sales Corporation. (See Kamm, Robert A., assignor.)
Electreporter, Inc. (See Previn, Arthur G., assignor.)
Electric Arc Cutting & Welding Company. (See Coffin, J. E., and Haggan, assignors.)
Electric Boat Company. (See Dennison, Edward S., assignor.)
Electric Controller & Manufacturing Company, The. (See Leitch, John D., assignor.)
Electric Controller & Manufacturing Company, The. (See Smith, Ward L., assignor.)
Electric Furnace Company, The. (See Cope, Frank T., assignor.)
Electric Furnace Company, The. (See Vaughan, Arthur H, assignor.)
Electric Household Utilities Corporation. (See Gerhardt, Andrew H., assignor.)
Electric Household Utilities Corporation. (See Gerhardt, A. H., and Whyte, assignors.)
Electric Household Utilities Corporation. (See Hume, J. T., and Van Westrum, assignors.)
Electric Household Utilities Corporation. (See Jensen, Joseph W., assignor.)
Electric Household Utilities Corporation. (See Lundy, David A., assignor.)
Electric Household Utilities Corporation. (See Molinare, Anthony W., assignor.)
Electric Household Utilities Corporation. (See Rocke, Floyd L., assignor.)
Electric Household Utilities Corporation. (See Whyte, John, assignor.)
Electric Household Utilities Corporation. (See Whyte, J., and Molinare, assignors.)
Electric Machinery Manufacturing Company. (See Swanson, Edwin W., assignor.)
Electric & Musical Industries Ltd. (See Atkinson, Noël, assignor.)
Electric & Musical Industries Limited. (See Barbour, Kenneth H., assignor.)
Electric & Musical Industries Limited. (See Blumlein, Alan D., assignor.)
Electrical & Musical Industries Limited. (See Blumlein, A. D., and Hardwick, assignors.)
Electric & Musical Industries Limited. (See Blumlein, A. D., and Holman, assignors.)
Electric & Musical Industries Limited. (See Blumlein, A. D., and McGee, assignors.)
Electric & Musical Industries Limited. (See Blumlein, A. D., and Nind, assignors.)
Electric & Musical Industries Limited. (See Bowman-Manifold, Michael, assignor.)
Electric & Musical Industries Limited. (See Bowman-Manifold, M., and Blumlein, assignors.)
Electric & Musical Industries Limited. (See Bowman-Manifold, M., and Collard, assignors.)
Electric & Musical Industries Limited. (See Bowman-Manifold, M., and Percival, assignors.)
Electric and Musical Industries Limited. (See Browne, Cecil O., assignor.)
Electric & Musical Industries Limited. (See Bull, Cabot S., assignor.)
Electric & Musical Industries Limited. (See Bull, C. S., and Percival, assignors.)
Electric & Musical Industries Limited. (See Bursill, Archibald, assignor.)
Electric & Musical Industries Limited. (See Collard, John, assignor.)
Electric & Musical Industries Limited. (See Cork, Edward C., assignor.)
Electric & Musical Industries Limited. (See Cork, E. C., and Pawsey, assignors.)
Electric & Musical Industries Limited. (See Hardwick, J., and White, assignors.)
Electric & Musical Industries Limited. (See Hill, Charles J. W., assignor.)

Electric & Musical Industries Limited. (See Holman, Herbert E., assignor.)
Electric & Musical Industries Limited. (See Kallmann, H. E., and Klemperer, assignors.)
Electric & Musical Industries, Limited. (See Klatzow, Leonard, assignor.)
Electric & Musical Industries Limited. See Klemperer Otto, assignor.)
Electric & Musical Industries Limited. (See Le Marchant, Percy A., assignor.)
Electric & Musical Industries Limited. (See Lett, Frederic T., assignor.)
Electric & Musical Industries Limited. (See Lubszynski, H. G., and Freeman, assignors.)
Electric & Musical Industries Limited. (See Lubszynski, H. G., and McGee, assignors.)
Electric and Musical Industries, Ltd. (See Lubszynski, H. G., Miller, and Cairns, assignors.)
Electric & Musical Industries Limited. (See McGee, James D., assignor.)
Electric & Musical Industries Limited. (See McGee, J. D., and Condliffe, assignors.)
Electric & Musical Industries Limited. (See McGee, J. D., and Freeman, assignors.)
Electric & Musical Industries Limited. (See Miller, Harold, assignor.)
Electric & Musical Industries Limited. (See Nicoll, Frederick H., assignor.)
Electric & Musical Industries Limited. (See Percival, William S., assignor.)
Electric and Musical Industries Limited. (See Percival, W. S., and Browne, assignors.)
Electric & Musical Industries Limited. (See Saunders, N. F. T., Barnes, and Mudge, assignors.)
Electric & Musical Industries Limited. (See Shoenberg, I., Condliffe, and Tedham, assignors.)
Electric & Musical Industries Limited. (See Strange, J. W., and Connell, assignors.)
Electric and Musical Industries Limited. (See Tedham, William F., assignor.)
Electric & Musical Industries Limited. (See White, Eric L. C., assignor.)
Electric and Musical Industries Limited. (See Whiteley, Joseph W., assignor.)
Electric Railway Improvement Company. (See Cadwell, Charles A., assignor.)
Electric Selectors Limited. (See Horsefield, Walter R., assignor.)
Electric Service Supplies Company. (See Graham, H. J., and Mageoch, assignors.)
Electric Service Supplies Company. (See Hutchins, O., and McFarlin, assignors.)
Electric Service Supplies Company. (See Mageoch, Harry Y., assignor.)
Electric Service Supplies Company. (See Shaback, Andrew J., assignor.)
Electric Sorting Machine Company. (See Cox, David C., assignor.)
Electric Steam Sterilizing Company. (See Beyrodt, Kurt, assignor.)
Electric Steel Foundry. (See Ehmann, Leslie G., assignor.)
Electric Steel Foundry Company. (See Barnes, Brown E., assignor.)
Electric Steel Foundry Company. (See Richmond, Harry H., assignor.)
Electric Storage Battery Company, The. (See Burgess, William J., assignor.)
Electric Storage Battery Company, The. (See Galloway, Charles D., assignor.)
Electric Storage Battery Company, The. (See Graf, Ernest, assignor.)
Electric Storage Battery Company, The. (See Kershaw, William E., assignor.)
Electric Storage Battery Company, The. (See Leingang, W. C., and Rudisill, assignors.)
Electric Storage Battery Company, The. (See Lighton, Lester E., assignor.)
Electric Storage Battery Company, The. (See Lord, Edward L., assignor.)
Electric Storage Battery Company, The. (See Murphy, Harold P., assignor.)
Electric Storage Battery Company, The. (See Rabl, Max, assignor.)
Electric Storage Battery Company, The. (See West, George H. B., assignor.)
Electric Storage Battery Company, The. (See Woodbridge, Joseph L., assignor.)
Electric Tamper & Equipment Company. (See Jargick Peter P., assignor.)
Electric Vacuum Cleaner Company. (See Lang, Henry T., assignor.)
Electrical Engineers Equipment Co. (See Christensen, Christen, assignor.)
Electrical Engineers Equipment Company. (See Hoye, Peder B., assignor.)
Electrical Engineers Equipment Co. (See Starr, James H., assignor.)
Electrical and Musical Industries Limited. (See Browne, C. O., and Hardwick, assignors.)
Electrical & Musical Industries Limited. See Kinross, Rupert I., assignor.)
Electrical Refractories Company, The. (See Owen, Frederick E., assignor.)
Electrical Research Laboratories Inc. (See Schnell, William J., assignor.)
Electrical Research Products, Inc. (See Albersheim, Walter J., assignor.)
Electrical Research Products, Inc. (See Albersheim, W. J., and Sette, assignors.)
Electrical Research Products, Inc. (See Crane, G. R., and Hayworth, assignors.)
Electrical Research Products, Inc. (See Fetter, C. H., and Matthews, assignors.)
Electrical Research Products, Inc. (See Kennedy, Edward P., assignor.)
Electrical Research Products, Inc. (See Lowe, Charles W., assignor.)
Electrical Research Products, Inc. (See Martin, Otis C., assignor.)
Electrical Safety Appliance Co. Inc. (See Belcher, Walter E., assignor.)
Electricitätsgesellschaft "Sanitas". (See Augustin, E., Fügmann, Klein, Schliemann, and Herrmann, assignors.)
Electrimatic Corporation, The. (See Beekley, H. L., and Whiting, assignors.)
Electroblacks, Inc. (See Jakosky, J. J., and Hanson, assignors.)
Electro-Chemical Engineering Corporation. (See Gunderson, L. O., and Carrick, assignors.)
Electrol Incorporated. (See Andler, Robert F., assignor.)
Electroline Company. (See Berndt, Arthur A., assignor.)
Electroline Company. (See Berndt, A. A., and Nycum, assignors.)
Electrolux Corporation. (See Bilde, Tord E. D., assignor.)
Electrolux Corporation. (See Björkman, Gustaf, E., assignor.)
Electrolux Corporation. (See Brown, Charles L., Jr.)
Electrolux Corporation. (See Dahl, Gosta, assignor.)
Electrolux Corporation. (See Edström, Eric, assignor.)
Electrolux Corporation. (See Ell, Lars F., assignor.)
Electrolux Corporation. (See Ellis, Philip B., assignor.)
Electrolux Corporation. (See Eriksson-Jons, Anders, assignor.)
Electrolux Corporation. (See Ernolf, Carl O., assignor.)
Electrolux Corporation. (See Fagerberg, Sven, assignor.)
Electrolux Corporation. (See Forsberg, Axel A., assignor.)
Electrolux Corporation. (See Genell, Nils, assignor.)
Electrolux Corporation. (See Heuberger, Josef F., assignor.)
Electrolux Corporation. (See Karlström, Johan F. R., assignor.)
Electrolux Corporation. (See Lofgren, Gustaf E., assignor.)
Electrolux Corporation. (See Lynger, Erik S., assignor.)
Electrolux Corporation. (See Mortensen, Rasmus P., assignor.)
Electrolux, Corporation. (See Schellens, Eugene L., assignor.)
Electromaster, Inc. (See Brown, Gordon H., assignor.)
Electromaster, Inc. (See Dadson, Thomas E., assignor.)
Electro-Mechanical Research, Inc. (See Houck, Harry W., assignor.)
Electro-Mechanical Research, Inc. (See Sziklai, George K., assignor.)
Electro Metallurgical Company. (See Avery, Julian M., assignor.)
Electro Metallurgical Company. (See Becket, F. M., and Franks, assignors.)
Electro Metallurgical Company. (See Critchett, J. H., and Crafts, assignors.)
Electro Metallurgical Company. (See Doom, Ernest F., assignor.)
Electro Metallurgical Company. (See Franks, Russell, assignor.)
Electro Metallurgical Company. (See Kinzel, Augustus B., assignor.)
Electro Metallurgical Company. (See Priestley, William J., assignor.)
Electro-Motive Manufacturing Co. (See Flanzer, Joseph A., assignor.)
Electronic Control Corporation. (See Powers, Ralph A., assignor.)
Electronic Devices Limited. (See Schwerin, P., and Atkins, assignors.)
Electronics Supply Corp. (See Stringer, Louis C., assignor.)
Electrons, Inc of Delaware. (See Edwards, Donald V., assignor.)
Electrons, Inc. of Delaware. (See Edwards, D. V., and Van Note, assignors.)
Electro String Instrument Corporation. (See Beauchamp, George D., assignor.)
Elektrische Gluhlampenfabriken Joh. Kremenezky A. G. (See Raschdowitz, Adolf, assignor.)
Elektrokemiska Aktiebolaget. (See Lindh, Efraim E., assignor.)
Elenbaas, Willem. (See Dorgelo, E. G., Elenbaas, and Lemmens.)
Elenbaas, Willem. (See van Liempt, J. A. M., and Elenbaas.)
Elenbaas, Willem, Eindhoven, Netherlands, assignor to General Electric Company. Gas or vapor discharge device. 2,177,694; Oct. 31.
Elenbaas, Willem, Eindhoven, Netherlands, assignor to General Electric Company. Gaseous electric discharge arc lamp. 2,177,695; Oct. 31.

Elenbaas, Willem, G. B. Jonas, and A. van Wyk, Eindhoven, Netherlands, assignors to General Electric Company. Gaseous electric discharge device. 2,152,988; Apr. 4.
Elenbaas, Willem, E. G. Dorgelo, and H. J. Lemmens, Eindhoven, Netherlands, assignors to General Electric Company. Electric lamp. 2,185,025; Dec. 26.
Elevator Supplies Company. (See Zarafu, Herman, assignor.)
Elfstrom, John A., Staten Island, N. Y. Porthole cover construction. 2,178,392; Oct. 31.
Elger, Franz, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of levo-ascorbic acid. 2,179,977; Nov. 14.
Elger, Franz, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of levo-ascorbic acid. 2,179,977; Nov. 14.
Elgie, William A., et al. (See Scheutz, Joseph A., assignor.)
Elgin National Watch Company. (See Conyne, R. E., and Dolby, assignors.)
Elgin National Watch Company. (See Lawson, R. R., Bennett, and Urie, assignors.)
Elgin National Watch Company. (See Russell, Howard W., assignor.)
Elias, Albert I. (See Howarth, John F., assignor.)
Eliel, Leon T., Pasadena, and E. R. Polley and M. A. Phillips, assignors to Fairchild, Polley & Eliel, Inc., Los Angeles, Calif. Method and apparatus for assembling maps. 2,180,406; Nov. 21.
Elin A. G. für elektrische Industrie. (See Erber, Günter, assignor.)
Elion, Leonard, Scheveningen, Netherlands. Restraining or preventing the action of proteolytic enzymes. 2,158,411; May 16.
Eliot, Samuel, Brookline, Mass. Motor vehicle. 2,176,125; Oct. 17.
Elite-Diamantwerke Aktiengesellschaft. (See Mehnert, Volkhart W., assignor.)
Elkin, Jacob G., New York, N. Y. Finger-lock tool holder. 2,172,652; Sept. 12.
Elkin, Manuel H., Elmira Heights, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Starter control for internal combustion engines. Re. 21,128; June 27.
Elkin, Manuel H., Elmira Heights, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Two-stage starter control. 2,178,098; Oct. 31.
Ell, Lars F., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner coupling. 2,146,252; Feb. 7.
Ellenberger, Clarence M., Jackson, Mich., assignor to Rverson & Haynes, Inc. Tire cover. 2,171,786; Sept. 5.
Eller, Fritz, Berlin-Wannsee, Germany. Cash register. 2,174,571; Oct. 3.
Eller, Keith B. (See Hackenberg, J. H., and Eller.)
Eller, Keith B., Metuchen, and F. Holborn, Cedar Grove, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Start-stop tube oscillator. 2,154,378; Apr. 11.
Ellerman, Harry F. (See Iwan, Arthur, assignor.)
Ellestad, Gerhard A., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,184,417; Dec. 26.
Ellicott Company. (See McDermet, J. R., and Keebler, assignors.)
Ellingsen, Frank, Brea, assignor to Chikson Oil Tool Company, Ltd., Fullerton, Calif. Pivot pin. 2,151,294; Mar. 21.
Ellingson, Hilda, Hibbing, Minn. Measuring cup. 2,173,412; Sept. 19.
Ellinwood, Herman R., Los Angeles, Calif. Dual control mechanism. 2,170,982; Aug. 29.
Elliotson, Walter W. (See Feigh, Glenn H., assignor.)
Elliott Addressing Machine Company, The. (See Elliott, Harmon P., assignor.)
Elliott, Amos W. (See Scott, Bernard H., assignor.)
Elliott, Clifton K., Bellevue Hill, New South Wales, Australia. Direct-acting hydraulic shock absorber for motor vehicles. 2,171,827; Sept. 5.
Elliott Company. (See Mattern, J. F., and Baker, assignors.)
Elliott Core Drilling Company. (See Snyder, Leonard L., assignor.)
Elliott, Daniel W., Long Beach, assignor, by mesne assignments, to Lane-Wells Company, Los Angeles, Calif. Locating water strata in oil wells. 2,167,066; July 25.
Elliott, Frank R., Los Angeles, Calif., assignor to Ethyl Gasoline Corporation, Detroit, Mich. Supercharger system for motor vehicles. 2,165,360; July 11.
Elliott, Frank R., assignor to The F. E. Myers and Bro. Company, Ashland Ohio. Traction sprayer. 2,168,821; Aug. 8.
Elliott, Freeman H., Hugo, Okla., assignor of one-fourth to N. H. Ridgely, Springfield, Ill. Holder for gear-shift levers. 2,177,209; Oct. 24.
Elliott, Harmon P., Watertown, Mass. Addressing machine. 2,144,650; Jan. 24.
Elliott, Harmon P., Watertown, Mass. Apparatus for extracting the successive endmost articles from a stack of such articles. 2,145,299; Jan. 31.
Elliott, Harmon P., Watertown, Mass. Stencil. 2,145,300; Jan. 31.
Elliott, Harmon P., Watertown, Mass. Addressing. 2,145,301; Jan. 31.
Elliott, Harmon P., Watertown, Mass. Thin printing device for addressing machines. 2,158,749; May 16.
Elliott, Harmon P., Watertown, Mass. Addressing machine and card feeding mechanism therefor. 2,165,748; July 11.
Elliott, Harmon P., Watertown, Mass. Addressing machine and card feeding mechanism therefor. 2,185,014; Dec. 26.
Elliott, Harmon P., Watertown, Mass., assignor to The Elliott Addressing Machine Company. Label printer. 2,152,178; Mar. 28.
Elliott, Harmon P., Watertown, Mass., assignor to The Elliott Addressing Machine Company. Addressing machine. 2,152,179; Mar. 28.
Elliott, Harmon P., Watertown, Mass., assignor to The Elliott Addressing Machine Company. Automatic stencil moistener. 2,152,180; Mar. 28.
Elliott, Harold F., Palo Alto, Calif. Detecting and amplifying system. 2,142,095; Jan. 3.
Elliott, Harold E., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Marking machine. 2,150,272; Mar. 14.
Elliott, Harold E., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Slugging machine. 2,161,858; June 13.
Elliott, Harold E., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Needle-lubricating mechanism. 2,170,554; Aug. 22.
Elliott, Harold E., and F. C. Choice, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Marking machine. 2,157,200; May 9.
Elliott, Harry C., Cincinnati, Ohio, assignor to The Mississippi Valley Barge Line Company, St. Louis, Mo. Barge construction. 2,150,763; Mar. 14.
Elliott, Harry S., Des Moines, Iowa. Meat tenderer. 2,184,450; Dec. 26.
Elliott, Hugh F. (See Quinn, J. E., and Elliott.)
Elliott Improvement Company, Inc. (See Elliott, Thomas S., Sr., assignor.)
Elliott, Irwin, Harmon, assignor to Universal Oven Company, Incorporated, New York, N. Y. Stabilizer for baking oven trays. 2,143,412; Jan. 10.
Elliott, Joe, and E. E. Garner, Everett, Wash. Automatic control clutch. 2,152,733; Apr. 4.
Elliott, John A., et al. (See McCandless, Lyon, assignor.)
Elliott, John R., and C. C. Hudson, Atlanta, Ga. Door lock. 2,169,944; Aug. 15.
Elliott, Morris A., Baltimore, Md. Flexible adapter coupling. 2,155,008; Apr. 18.
Elliott, Raymond D., Long Beach, Calif., assignor, by mesne assignments, to Schlumberger Well Surveying Corporation, Houston, Tex. Recording apparatus and method. 2,170,857; Aug. 29.
Elliott, Richard C., London, England, assignor to Lanston Monotype Machine Company, Philadelphia, Pa. Typographic composing machine. 2,159,475; May 23.
Elliott, Ruth E., Haviland, Kans. Bracket for nursery chairs. 2,146,206; Feb. 7.
Elliott, Seth E., Indianapolis, Ind. Book holder. 2,155,535; Apr. 25.
Elliott, Theodore, Winchester, Mass. Toe iron. 2,152,181; Mar. 28.
Elliott, Thomas S., Sr., assignor to The Elliott Improvement Company, Inc., Norfolk, Va. Dispensing ice cream and the like. 2,148,451; Feb. 28.
Ellis, Arthur L., & Co. (See Ellis, Arthur L., Jr., assignor.)
Ellis, Arthur L., Jr., Plymouth, assignor to Arthur L. Ellis & Co., Inc., Boston, Mass. Fabric article and fastener means therefor. 2,148,401; Feb. 21.
Ellis, Arthur L., Deep River, assignor to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,164,647; July 4.
Ellis & Beller, Inc. (See Ellis, Victor G., assignor.)
Ellis, Carl G., Kokomo, Ind. Food product preparing machine. 2,144,182; Jan. 17.
Ellis, Carleton, Jr., Montclair, N. J., assignor to Plaskon Company, Incorporated. Urea resin molding composition and making same. 2,143,413; Jan. 10.
Ellis, Carleton, Montclair, N. J., assignor to Standard Oil Development Company. Polyfurcous fuel. 2,143,870; Jan. 17.
Ellis, Carleton, Montclair, N. J., assignor to Standard Oil Development Company. Making hydroxylamine and mandelic acid. 2,146,060; Feb. 7.
Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Adduct resin compositions and making same. 2,146,671; Feb. 7.
Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Petroleum oil spread for bread and the like. 2,150,649; Mar. 14.
Ellis, Carleton, Montclair, N. J., assignor to Standard Oil Development Company. Plasticizer for cellulose derivatives. 2,160,133; May 30.
Ellis, Carleton, Montclair, N. J., assignor to Ellis Laboratories, Inc. Quick-setting printing ink and making same. 2,162,331; June 13.
Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Fiber-glass-containing plastic. 2,176,837; Oct. 17.
Ellis, Carleton, Montclair, N. J., assignor to Ellis-Foster Company. Coating composition comprising a soluble cellulose compound and a protective agent. 2,177,418; Oct. 24.

Ellis, Charles A., Natick, assignor to Maseco Corporation, Hopkinton, Mass. Door operating device. 2,170,014; Aug. 22.
Ellis, Daniel E., Los Angeles, Calif. Emergency automatic radio transmitter. 2,149,808; Mar. 7.
Ellis, Daniel F. (See Jordan, J. D., Ellis, and Preston.)
Ellis, Daniel F. (See Preston, C. W., Ellis, and Jordan.)
Ellis, Delbert. (See Armstrong, G. C., and Ellis.)
Ellis, Delbert, and G. C. Armstrong, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical contactor. 2,147,430; Feb. 14.
Ellis, Delbert, and G. C. Armstrong, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electromagnet. 2,165,037; July 4.
Ellis, Edward J., Centralia, Ill. Brake beam safety support. 2,146,111; Feb. 7.
Ellis, Emmett S., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Flash trimming apparatus. 2,159,888; May 23.
Ellis-Foster Company. (See Burrell, Harry, assignor.)
Ellis-Foster Company. (See Ellis, Carleton, assignor.)
Ellis-Foster Company. (See Kropa, Edward L., assignor.)
Ellis-Foster Company. (See Penniman, William B. D., assignor.)
Ellis-Foster Company. (See Rust, John B., assignor.)
Ellis, G. Arvilla, administratrix. (See Ellis, Stuart G.)
Ellis, George B. L. (See Bennett, J. A. J., and Ellis.)
Ellis, George D., and Sons, Incorporated. (See Kester, R. N., and Baldwin, assignors.)
Ellis, George H., Saint Paul, and W. H. Schlafge, assignors to The Insulite Company, Minneapolis, Minn. Synthetic products and making them. 2,143,831; Jan. 10.
Ellis, George H., and A. J. Wesson, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture and treatment of textile materials. 2,152,182; Mar. 28.
Ellis, George H., New Brighton, assignor to The Insulite Company, Minneapolis, Minn. Apparatus and producing vegetable fiber products. 2,161,653; June 6.
Ellis, George H., New Brighton, assignor to The Insulite Company, Minneapolis, Minn. Protected vegetable fibrous material and making the same. 2,161,654; June 6.
Ellis, George H., New Brighton, assignor to The Insulite Company, Minneapolis, Minn. Making hard, dense, fibrous, boardlike products. 2,161,655; June 6.
Ellis, George H., New Brighton, assignor to The Insulite Company, Minneapolis, Minn. Manufacturing fibrous products. 2,173,391; Sept. 19.
Ellis, George H., and C. F. Topham, Spondon, near Derby, England, assignors to Celanese Corporation of America. Coloration of textile materials. 2,178,744; Nov. 7.
Ellis, George T., and R. C. Bratton, Detroit, Mich. Line holder. 2,161,703; June 6.
Ellis, Guy T., assignor to Henry Vogt Machine Co., Louisville, Ky. Unit tank heater. 2,174,318; Sept. 26.
Ellis, Herbert, Shanghai, China, assignor to Linotype and Machinery Limited, London, England. Typographical slug casting machine. 2,166,719; July 18.
Ellis, Horace R., Meadville, Pa. Electric plug and socket. 2,147,525; Feb. 14.
Ellis, Kimpton. (See Wood, Leonora, assignor.)
Ellis Laboratories, Inc. (See Ellis, Carleton, assignor.)
Ellis Laboratories, Inc. (See Swaney, Miller W., assignor.)
Ellis, Owen W., Forest Hill, Ontario, Canada. Pipe closure. 2,180,461; Nov. 21.
Ellis, Philip B., Ridley Park, Pa., assignor to Electrolux Corporation, Dover, Del. Suction cleaning apparatus. 2,164,392; July 4.
Ellis, Preston W. (See Jenkins, William R., assignor.)
Ellis, Robert H., St. Louis, Mo. Device for holding shingled record sheets. 2,176,567; Oct. 17.
Ellis, Robert L., Miami Beach, Fla. Hydraulic system. 2,145,540; Jan. 31.
Ellis, Russell S., Vineland, N. J. Separating particles of solid material by flotation. 2,146,672; Feb. 7.
Ellis, Russell S., Vineland, N. J. Separating particles of solid material. 2,180,278; Nov. 14.
Ellis, Russell S., Vineland, N. J. Gyratory crusher. 2,184,214; Dec. 19.
Ellis, S. R., et al. (See Thomas, Elmer R., assignor.)
Ellis, Stuart G., deceased, by G. A. Ellis, administratrix, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Compensator. 2,151,752; Mar. 28.
Ellis, Victor G., assignor to Ellis & Beller, Inc., New York, N. Y. Tripod stabilizer. 2,177,246; Oct. 24.
Ellis, William C., Lynbrook, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical contact. 2,154,068; Apr. 11.
Ellis, William D., III, Atlanta, Ga. Ironer roll padding. 2,158,006; May 9.
Ellis, William D., III, Atlanta, Ga., and C. B. Haydon, Cincinnati, Ohio. Ironer belting. 2,158,007; May 9.
Ellison, Leslie J., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Sulphide rectifier. 2,170,634; Aug. 22.
Ellison, Robert, Boston, Mass. Machine for securing heels to shoes. 2,175,595; Oct. 10.
Ells, Burdick R., Los Angeles, Calif., assignor to H. F. and H. N. Langlois, co-partners doing business as Langlois Bros. Rotary vacuum pump. 2,147,194; Feb. 14.
Ellstrom, Elmer G., Webster Groves, Mo. Container. 2,164,055; June 27.
Ellsworth, Amos D., Plainview, Tex. Automatic diving toy. 2,168,767; Aug. 8.
Ellsworth, Deane C., deceased, Wilmington, Del. (J. F. Haskins, administrator), and F. C. Hahn, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing low substituted alkyl celluloses. 2,157,530; May 9.
Ellsworth, Frank H., and C. W. Walker, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Wire rope center. 2,147,118; Feb. 14.
Ellsworth, Harold D., Baltimore, Md., assignor to Syndak, Inc., New York, N. Y. Motion picture system and apparatus. 2,175,185; Oct. 10.
Ellwood Safety Appliance Company. (See Wasser, Harry N., assignor.)
Elmendorf, Armin, Winnetka, Ill. End grain wood flooring. 2,151,505; Mar. 21.
Elmendorf, Armin, Winnetka, Ill. Flexible wood flooring. 2,165,788; July 11.
Elmendorf, Duryea E., Shaker Heights, Ohio, assignor to General Electric Company. Apparatus for prefocusing lamps. 2,154,500; Apr. 18.
Elmer, Lewis S., Baltimore, Md. Vinegar generator system. 2,156,428; May 2.
Elmer, Lloyd A., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Viscous dampener. 2,182,076; Dec. 5.
Elmer, William B., Winchester, Mass. Electric heat controller. 2,182,048; Dec. 5.
Elmes, Charles F., Engineering Works. (See Sheppard, Joseph R., assignor.)
Elmire, Howard H., Arlington, N. J. Well drilling machine. 2,162,005; June 13.
Elmore, Austin E., assignor to P. M. and J. A. Virtue, Los Angeles, Calif., doing business as copartners under firm name and style of Virtue Bros. Mfg. Co. Chair. 2,158,225; May 16.
Elmore, Jasper G., Macon, Ga. Hydraulic force pump. 2,164,580; July 4.
Elöd, Egon, Karlsruhe, and E. Demme, assignors to firm Carl Freudenberg G. m. b. H., Weinheim, Germany. Treating gelatin. 2,152,627; Apr. 4.
Elsaesser, Viktor. (See Frowein, K., Bauriedel, and Elsaesser.)
Elsbert Manufacturing Company. (See Kranz, Hermann E., assignor.)
Elsby, William, and C. Kalishe, assignors to Crown Metal Company, Inc., Milwaukee, Wis. Sheet metal reinforcing jacket for lead pipes. 2,182,552; Dec. 5.
Else, Harry D. (See Baker, J. G., Rushing, Mikina, and Else.)
Elser, William, Toledo, Ohio, assignor to Owens-Illinois Can Company. Extensible pouring spout. 2,162,452; June 13.
Elsey, George W., La Grange, Ill., and C. F. Wittlinger, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Welding apparatus. 2,151,378; Mar. 21.
Elsey, James R., Maplewood, Mo. Feeding device. 2,158,226; May 16.
Elsey, Warren R., Merion, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Coupling means for locomotives and the like. 2,164,703; July 4.
Elsner, Richard. (See Rebhan, J., and Elsner.)
Elsom, James D., Evanston, Ill., assignor of twenty-five percent to L. E. Gould, twenty-five percent to F. J. O'Brien, ten percent to L. K. Landis, and forty percent to himself. Liquid fuel tank. 2,172,836; Sept. 12.
Elsome-Jones, Ronald J., Mill Hill, London, assignor to Technical Inventions Limited, London, England. Apparatus for obtaining high-tension alternating current from low-tension direct current. 2,144,593; Jan. 17.
Elsome-Jones, Ronald J., assignor to Technical Inventions Limited, London, England. Electrical apparatus. 2,176,531; Oct. 17.
Elson, Alexander P., New York, N. Y. Bib. 2,174,694; Oct. 3.
Elson, Carl E., Oakland, Calif. Rotary brush. 2,172,195; Sept. 5.
Elson, Clarence M., Lake Preston, S. Dak. Fence gate. 2,172,868; Sept. 12.
Elston, George F., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Double diode. 2,181,080; Nov. 21.
Elvin, William J., Cumberland, Md., assignor to Celanese Corporation of America. Bobbin. 2,166,243; July 18.
Elvin, William J., Cumberland, Md., and J. L. Killoran, Drummondville, Quebec, Canada, assignors to Celanese Corporation of America. Reciprocating guide head for yarn packaging device. 2,181,267; Nov. 28.
Elving, Theodore W. C., Providence, R. I. Tongs. 2,176,333; Oct. 17.
Elwell, Edwin L., Baltimore, Md., assignor to Eskimo Pie Corporation, Bloomfield, N. J. Stick holder for manufacturing frozen confections on sticks. 2,165,789; July 11.
Elwell, Edwin L., Baltimore, Md., assignor to Eskimo Pie Corporation, Bloomfield, N. J. Stick-holding rack. 2,179,210; Nov. 7.

Elwell-Parker Electric Company, The. (See Townson, Sheldon K., assignor.)
Ely, Frederic G. (See Wilcoxson, L. S., and Ely.)
Ely, George B., Olivet, Mich. Induction heat transformer. 2,171,080; Aug. 29.
Elze, Walter C., Forest Hills, Long Island, assignor to Hauck Manufacturing Company, Brooklyn, N. Y. Melting kettle for tar, asphalt, and the like. 2,175,886; Oct. 10.
Emanuel, Victor, assignor of one-half to F. J. Cullomer, Chicago, Ill. Toaster. 2,144,485; Jan. 17.
Emberger, Charles F. (See Wakeley, Robert B., assignor.)
Emberson, Frederick, Penge, London, England, assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,170,517; Aug. 22.
Embree, Lester B., San Francisco, Calif. Clothes stick. 2,173,296; Sept. 19.
Embree, Norris D., assignor, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. High vacuum. 2,150,676; Mar. 14.
Embury, Frederick B., assignor to Embury Manufacturing Company, Warsaw, N. Y. Holding means for flares and the like. 2,184,273; Dec. 26.
Embury Manufacturing Company. (See Embury, Frederick B., assignor.)
Emens, Albert L., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Maximum-demand meter. 2,160,415; May 30.
Emerson Electric Mfg. Co. (See Rodgers, James A., assignor.)
Emerson Electric Mfg. Co., The. (See Streck, Charles, assignor.)
Emerson Electric Mfg. Co., The. (See Weber, Victor, assignor.)
Emerson, John. (See Malm, C. J., and Emerson.)
Emerson, John, Irvington, N. J. Grinding device. 2,163,425; June 20.
Emerson, John H., Cambridge, Mass. Apparatus for stimulating blood circulation. 2,142,689; Jan. 3.
Emerson, Lowell. (See Plympton, F. K., and Emerson.)
Emerson Oil Corporation. (See Emerson, Sloan A., assignor.)
Emerson Optical & Mfg. Co. Ltd., The. (See Whitwell, Arthur, assignor.)
Emerson, Rockwell W., Lincoln, Nebr. Hydraulic transmission. 2,177,210; Oct. 24.
Emerson, Sloan A., assignor to Emerson Oil Corporation, Vinton, La. Pumping apparatus. 2,151,588; Mar. 21.
Emert, Oskar. (See Kuss, E., Emert, and Hake.)
Emert, Oskar. (See Kuss, E., Horalek, and Emert.)
Emery, Albert H., Stamford, Conn., assignor to Baldwin-Southwark Corporation. Rate of load control apparatus for materials testing. 2,167,332; July 25.
Emery, Alfred H. (See Aldeborgh, E. H., and Emery.)
Emery, Alfred H., assignor to Standard Gage Company, Inc., Poughkeepsie, N. Y. Shockproof dial indicator. 2,178,745; Nov. 7.
Emery, Charles R. (See Kemp, LeRoy F., assignor.)
Emery, Charles R., Dearborn, Mich. Wall construction. 2,158,412; May 16.
Emery Industries, Inc. (See Myers, Latimer D., assignor.)
Emery Industries, Inc. (See Reddish, Warren T., assignor.)
Emery, Phil S. (See Goodwin, Malcolm L., assignor.)
Emery, Plato G., Elmhurst, Ill. Curtain fixture. 2,174,974; Oct. 3.
Emery, Raymond W. (See Schaefer, F. R., and Emery.)
Emery, Richard L. (See Chaplin, M. P., and Emery.)
Emery, William M., Cleveland Heights, Ohio, assignor to General Electric Company. Ironing press. 2,147,485; Feb. 14.
Emigholz, Lawrence F., assignor to Union Steel Products Company, Albion, Mich. Combined reinforce element and support. 2,170,635; Aug. 22.
Emmens, Hendrik, and W. C. van Geel, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electrode system and making same. 2,162,613; June 13.
Emmert, George W., Bloomfield Hills, Mich. Vent tube for fuel tanks. 2,165,357; July 11.
Emmert, Kenneth L. (See Hensel, F. R., and Emmert.)
Emmert, Kenneth L. (See Hensel, F. R., Emmert, and Wiggs.)
Emmert, Kenneth L., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric contact combination. 2,151,905; Mar. 28.
Emmert, Rodger J., Birmingham, Mich., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Acoustic device. Re. 21,159; July 25.
Emmet, William L. R., Schenectady, N. Y., assignor to General Electric Company. Mercury boiler. 2,158,856; May 16.
Emmey, Charles, New York, N. Y. Apparatus for coating textile material and the like. 2,157,286; May 9.
Emmons, Arthur N. (See Burns, J. S., and Emmons.)
Emmons, Arthur N., Nedrow, assignor to The Porter-Cable Machine Company Inc., Syracuse, N. Y. Abrading machine. 2,148,061; Feb. 21.
Emmons, Arthur N., Nedrow, N. Y., assignor to The Porter-Cable Machine Company Inc., Syracuse, N. Y Abrading machine. 2,179,995; Nov. 14.
Emmons, Joseph V., Shaker Heights, assignor to The Cleveland Twist Drill Company, Cleveland, Ohio. Alloy compositions. 2,147,119; Feb. 14.
Emmons, Joseph V., Shaker Heights, assignor to The Cleveland Twist Drill Company, Cleveland, Ohio. Ferrous alloy compositions. 2,147,120; Feb. 14.
Emmons, Joseph V., Shaker Heights, assignor to The Cleveland Twist Drill Company, Cleveland, Ohio. Alloy compositions and articles made therefrom. 2,147,121; Feb. 14.
Emmons, Joseph V., Shaker Heights, assignor to The Cleveland Twist Drill Company, Cleveland, Ohio. Alloy compositions. 2,147,122; Feb. 14.
Emmons, Joseph V., Shaker Heights, assignor to The Cleveland Twist Drill Company, Cleveland, Ohio. Ferrous alloy compositions. 2,147,123; Feb. 14.
Emmons, Joseph V., Shaker Heights, assignor to The Cleveland, Twist Drill Company, Cleveland, Ohio. Ferrous alloy composition. 2,183,014; Dec. 12.
Emmons Loom Harness Company. (See Bahan, George F., assignor.)
Emmons Loom Harness Company. (See Hall, James S., assignor.)
Emmons Loom Harness Company. (See Kelly, William H., assignor.)
Emmons, Russell J., assignor to The Glidden Company, Cleveland, Ohio. Weight controlled filling machine. 2,156,280; May 2.
Emmons, Willard O. (See Saunders, L. P., and Emmons.)
Emms, Samuel, et al. (See Thornton, Albert A., assignor.)
Emons, Ernest E., Miami, Fla. Glare preventive system. 2,148,341; Feb. 21.
Empire Ironer, Inc. (See Stilwell, William E., Jr., assignor.)
Empire Metal Cap Co. (See Merolle, Augustus L., assignor.)
Empire Plow Company, The. (See Baxter, William R., assignor.)
Empire Trust Company. (See Colbert, Clarence L., assignor.)
Emrick, George W., Brooklyn, N. Y. Clutch mechanism for tapping attachments. 2,162,250; June 13.
Emrick, George W., Brooklyn, N. Y. Tapping attachment. 2,162,251; June 13.
Emsco Derrick & Equipment. (See Stevenson, Edward E., assignor.)
Emsco Derrick & Equipment Company. (See Black, W. G., and Brewster, assignors.)
Emsco Derrick & Equipment Company. (See Corbett, John M., assignor.)
Emsco, Derrick & Equipment Company. (See Davidson, William D., assignor.)
Emsco Derrick & Equipment Company. (See Davidson, William D., assignor.)
Emsco Derrick and Equipment Company. (See Davidson, W. D., and Tremolada, assignors.)
Emsco Derrick & Equipment Company. (See Greene, John H., assignor.)
Emsco Derrick & Equipment Company. (See Hutchins, H. A., and Ashton, assignors.)
Emsco Derrick & Equipment Company. (See Hutchins, H. A., and Stewart, assignors.)
Emsco Derrick and Equipment Company. (See Le Bleu, Charles, assignor.)
Emsco Derrick & Equipment Company. (See Mansfield, Warren M., assignor.)
Emsco Derrick & Equipment Company. (See McMillan, Wesley K., assignor.)
Emsco Derrick and Equipment Company. (See Probert, George G., assignor.)
Emsco Derrick & Equipment Company. (See Tremolada, Guglielmo, assignor.)
Emsco Derrick & Equipment Company. (See Whann, Rural W., assignor.)
Emulsions Process Corporation. (See Ditto, Marvin W., assignor.)
Emulsol Corporation, The. (See Epstein, A. K., and Katzman, assignors.)
Emulsol Corporation, The. (See Harris, B. R., and Reynolds, assignors.)
Emulsol Corporation, The. (See Katzman, Morris B., assignor.)
Emulsol Corporation, The. (See Katzman, M. B., and Epstein, assignors.)
Emulsol Corporation, The. (See Katzman, Morris B., assignor.)
Emulsol Corporation, The. (See Reynolds, Marvin C., assignor.)
Encor Corporation. (See Specht, H. G., and Walsh, assignors.)
Endacott, Paul S., Bartlesville, Okla., assignor to Phillips Petroleum Company. Load lifting and weighing device. 2,152,247; Mar. 28.
Enders, Hugo E., Belleville, assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 2,149,338; Mar. 7.
Endicott, George F., St. Paul, Minn., assignor to W. H. Miner, Inc., Chicago, Ill. Hand brake. 2,152,376; Mar. 28.
Endicott Johnson Corporation. (See Conklin, John T., assignor.)
Endicott Johnson Corporation. (See Exley, Leo F., assignor.)
Endicott Johnson Corporation. (See Martin, Charles E., assignor.)
Endicott, Joseph M., Myrtle Point, Oreg. Cultivator. 2,148,610; Feb. 28.

Endowment Foundation. (See Veber, Clinton P., assignor.)
Endres, Herbert A., Silver Lake, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Molding. 2,178,537; Nov. 7.
Endres, John J., Riverside, Ill. Combined manifold record sheet and envelope. 2,154,736; Apr. 18.
Endres, Rudolf, Dessau-Rosslau/Anhalt, Germany. Brake and pressure fluid. 2,171,491; Aug. 29.
Endsley, Louis E., Pittsburgh, Pa., assignor to The Frost Railway Supply Co., Detroit, Mich. Friction spring for railway cars. 2,175,385; Oct. 10.
Endter, Waldemar A., Long Beach, Calif. Door lock. 2,159,940; May 23.
Enfield Cable Works Limited, The. (See Bowden, E., and Chaplin, assignors.)
Engalitcheff, John, Jr. (See Anderson, E. L., and Engalitcheff.)
Engbrecht, George C., and A. J. Olsen, Chicago, Ill., and A. M. Olsen, Milwaukee, Wis., assignors to Permo Products Corporation. Pressing and ironing machine. 2,180,103; Nov. 14.
Engel, Albert W., Chicago, Ill. Transparent mounting device. 2,152,881; Apr. 4.
Engel, Albert W., Chicago, Ill. Binding strip affixing device. 2,165,540; July 11.
Engel, Albert W., Chicago, Ill. Label and marker for lantern slides. 2,165,790; July 11.
Engel, Ernst, assignor to Alfred Teves Maschinen und Armaturen-Fabrik Gesellschaft mit beschrankter Haftung, Frankfort-on-the-Main, Germany. Vehicle brake. 2,165,358; July 11.
Engel, Frank L., Jr., assignor, by mesne assignments, to W. R. Boyd, Chicago, Ill. Mascara container and applicator. 2,148,736; Feb. 28.
Engel, Fred S., Brooklyn, N. Y. Time and distance recorder. 2,170,858; Aug. 29.
Engel, Friedrich V. A. E., London, England, assignor to Republic Flow Meters Company, Chicago, Ill. Control system. 2,182,771; Dec. 5.
Engel, Karl, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sandal. 2,146,805; Feb. 14.
Engel, Karl, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe machine and method. 2,162,802; June 20.
Engel, Karl, Swampscott, and C. S. Kinney, Middleton, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Shoe bottom pressing machine. 2,157,123; May 9.
Engel, Karl, Swampscott, and C. S. Kinney, Middleton, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for fastening uppers to insoles. 2,165,361; July 11.
Engel, Karl H., West Englewood, N. J., assignor to The Barrett Company, New York, N. Y. Rubber compounding. 2,153,141; Apr. 4.
Engel, Kurt, St. Louis, Ht. Rhin, France, assignor to the firm of J. R. Geigy S. A., Basel, Switzerland. Sulphonated indole derivatives and their manufacture. 2,180,801; Nov. 21.
Engel, Lester, Indianapolis, Ind. Game. 2,152,882; Apr. 4.
Engel, William H., assignor to Shellmar Products Company, Mount Vernon, Ohio. Bag manufacture. 2,146,946; Feb. 14.
Engelhard, Charles, Inc. (See Laub, H., and Kremer, assignors.)
Engelhardt, Lloyd F., Ferguson, Mo., assignor to Curtis-Wright Corporation. Wing flap mechanism. 2,158,676; May 16.
Engelman, Robert C., assignor, by mesne assignments, to Dresser Manufacturing Company, Bradford, Pa. Valve mechanism for compressors. 2,160,401; May 30.
Engelmann, Edward W., and H. E. Wurzbach, Magna, Utah. Drying, heating, or roasting conveyer apparatus. 2,164,056; June 27.
Engelmann, Max, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Oxides of amino acids. 2,159,967; May 30.
Engeln, John H. (See Van Sittert, P., and Engeln.)
Engels, Eugene O., assignor to Baker Perkins Company, Inc., Saginaw, Mich. Control system for fuel burners. 2,151,906; Mar. 28.
Engels, Eugene O., assignor to Baker Perkins Company, Inc., Saginaw, Mich. Explosion door for furnaces. 2,160,262; May 30.
Engels, William H., assignor to Merck & Co., Inc., Rahway, N. J. Disinfecting process. 2,164,316; July 4.
Engels, William H., Rahway, and G. A. Stein, Elizabeth, assignors to Merck & Co. Inc., Rahway, N. J. Production of amino acids. 2,163,594; June 27.
Engels, William H., and J. Weijlard, assignors to Merck & Co. Inc., Rahway, N. J. Mothproofing. 2,176,894; Oct. 24.
Engemann, Herbert H., Birmingham, Mich. Vibratory mechanical linkage. 2,176,895; Oct. 24.
Engholm, Trygve H., and G. Hernes, assignors to N. Jacobsens Elektriske Vaerksted A/S, Oslo, Norway. Arrangement for controlling the start in race courses. 2,165,749; July 11.
Engineering and Research Corporation. (See Berliner, Henry A., assignor.)
Engineering & Research Corporation, The. (See Geer, C. D., and Biach, assignors.)
Engineering & Research Corporation, The, assignee. (See Nelson, Robert O., assignor.)
Engineering Laboratories, Inc. (See Scherbatskoy, Serge A., assignor.)
Engineering Research Corporation. (See Barret, William M., assignor.)
England, Basil H., Southsea, England. Fluid clutch and turbo-torque converter. 2,162,803; June 20.
England, Harold H. (See Campbell, D. H., and England.)
England, Joseph I., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Cutting tool. 2,173,778; Sept. 19.
Englander, Samuel. (See Hirsch, H., and Englander.)
Englander Spring Bed Co. Inc. (See Paladino, Angelo R., assignor.)
Engle, Loy S., Jackson Heights, Long Island, N. Y., assignor to Interchemical Corporation. Manufacture of coated metal containers. 2,145,252; Jan. 31.
Engleby, George B., Roanoke, Va. Vibrator for skips of concrete mixing machines. 2,176,893; Oct. 24.
Engleman, Charles S., assignor of one-half to S. Metrik, New York, N. Y. Duplicating attachment for typewriters. 2,166,288: July 18.
Engler, John L., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Magneto rotor construction. 2.175,258; Oct. 10.
Englert, Kathryn M., Portland, Oreg. Protective sanitary cover for bedpans. 2,169,834; Aug. 15.
English, Edward F., and A. Voorhies, Jr., Baton Rouge, La., assignors to Standard Oil Development Company. Fungicidal oils. 2,174,258; Sept. 26.
English Electric Company Limited, The. (See Binney, E. A., and Mardis, assignors.)
English Electric Company Limited, The. (See Carnegie, Herbert S., assignor.)
English Electric Company, The. (See Baston, Cyril E., assignor.)
English Electric Company, The. (See Bourne, Cedric A., assignor.)
English, Henry W., Jacksonville, Ill. Convertible skate. 2.148,687; Feb. 28.
English, Jesse R., Gibsland, La. Cane stripper. 2,182,117; Dec. 5.
English, John A., Trenton, N. J. Eyeshield or the like. 2,179,286; Nov. 7.
English, Philip H., assignor to The New Haven Clock Company, New Haven, Conn. Case construction for timepieces. 2,178.957; Nov. 7.
English, Weber J., Elgin, Oreg. Sheet-end signaling device. 2,168,195; Aug. 1.
Englund, John E., Warwick, R. I., assignor to Brown and Sharpe Manufacturing Company. Power transmission mechanism. 2,163,595; June 27.
Engs, William, and A. W. Fairbairn, Oakland, assignors to Shell Development Company, San Francisco, Calif. Manufacture of aliphatic tertiary alcohols. 2,143,478; Jan. 10.
Engs, William, and A. W. Fairbairn, Oakland, assignors to Shell Development Company, San Francisco, Calif. Production of epihalohydrins. 2,177,419; Oct. 24.
Engstrom, Birger, assignor, by mesne assignments, of sixty one-hundredths to The National Supply Company, Pittsburgh, Pa. Pipe thread protector. 2,156,113; Apr. 25.
Engstrom, Birger, assignor, by mesne assignments, of sixty one-hundredths to The National Supply Company, Pittsburgh, Pa. Pipe-thread protector. 2,167,235; July 25.
Engstrom, Carl J., Michigan City, Ind. Golf club attachment and marker. 2,178,872; Nov. 7.
Engstrom, Gustaf W. (See Johnston, E. A., and Engstrom.)
Enkur, Edward M., assignor to Crown Cork & Seal Company, Baltimore, Md. Two-part cap. 2,144,287; Jan. 17.
Enkur, Edward M., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Closure and container. 2,156,585; May 2.
Enkur, Edward M., and L. L. Lauve, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Apparatus and method of vacuumizing containers. 2,184,490; Dec. 26.
Ennis, George H., assignor of one-half to R. V. Funk, Long Beach, Calif. Method of and apparatus for locating water leakages into wells. 2,184,338; Dec. 26.
Ennis, Harry F. and J. H., Dayton, Ohio. Paper dispensing device. 2,171,648; Sept. 5.
Ennis, John H. (See Ennis, Harry F. and J. H.)
Enns, Waldo E., Los Angeles, Calif. Retractable brush. 2,159,432; May 23.
Enrich, Henry A., New York, N. Y. Container. 2,164,506; July 4.
Enright, Stephen P., Philadelphia, Pa. Safety razor. 2,146,947; Feb. 14.
Enriquez, Angel D., and P. Sussman, Brooklyn, N. Y. Pneumatic tire-tube testing case. 2,178,853; Nov. 7.
Enriquez, Benjamin R. (See Bustamante, A., and Enriquez.)
Ensign Carbureter Co. (See Ensign, Roy F., assignor.)
Ensign Carburetor Co. (See Laub, Fred N., assignor.)
Ensign Carburetor Co. Ltd. (See Westlund, K. W., and Dahlen, assignors.)
Ensign, Roy F., San Marino, assignor to Ensign Carbureter Co., Ltd., Huntington Park, Calif. Gas carburetor. 2,155,754; Apr. 25.

Ensign, Roy F., San Marino, assignor to Ensign Carburetor Co., Ltd., Huntington Park, Calif. Carbureting apparatus. 2,169,487; Aug. 15.
Ensminger, George R., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cleaning composition. 2,168,024; Aug. 1.
Ensor, Claude W., Sparks, and P. L. Bubb, Parkton, Md. Molasses feed mixer. 2,161,508; June 6.
Ensslin, Hellmut. (See Hartmann, M., Ensslin, and Panizzon.)
Enstrom, August, Chicago, Ill. Rail frog. 2,149,426; Mar. 7.
Enstrom, Sixtus, New York, N. Y. Cake holder and support. 2,178,166; Oct. 31.
Ent, Uzal G., Fort Leavenworth, Kans. Ground speed and drift meter. 2,175,186; Oct 10.
Enterprise Foundry Corporation. (See Bohuslav, Hans A., assignor.)
Enterprise Manufacturing Company of Pennsylvania, The. (See Braun, Sylvan, assignor.)
Enterprise Manufacturing Company, The. (See Adams, Walter L., assignor.)
Enterprise Manufacturing Company, The. (See Pflueger, Charles T., assignor.)
Enterprise Railway Equipment Company. (See Campbell, Argyle, assignor.)
Enterprise Railway Equipment Company. (See Dorey, George B., assignor.)
Entreprises Electriques Fribourgeoises. (See Challet, Etienne, assignor.)
Entwisle & Kenyon Limited. (See Kenyon, James M., assignor.)
Eolis, David A., Mount Vernon, assignor of one-half to B. K. Ury, Brooklyn, N. Y. Composition and process of making powder from nacreous substances. 2,172,369; Sept. 12.
Epelley, Albert J., et al. (See Eichholz, August G., assignor.)
Epiphone, Inc. (See Sunshine, Herbert S., assignor.)
Epiphone, Inc. (See Stathopoulo, Epi A., assignor.)
Eppel, Leo J., Minneapolis, Minn. Fishhook. 2,158,794; May 16.
Eppens, Smith Company. (See Heres, Martin, assignor.)
Eppenstein, Otto, Jena, Germany, assignor, by mesne assignments, to Bausch & Lomb Optical Company, Rochester, N. Y. Stereoscopic range finder. 2,144,257; Jan. 17.
Eppenstein, Otto, Jena, Germany, assignor, by mesne assignments, to Bausch & Lomb Optical Company, Rochester, N. Y. Device for deviating a pencil of light rays. 2,150,544; Mar. 14.
Eppenstein, Otto, and W. Dietzel, assignors to the firm of Carl Zeiss, Jena, Germany. Projecting apparatus. 2,170,967; Aug. 29.
Eppenstein, Otto, assignor to the firm of Carl Zeiss, Jena, Germany. Single station range finder with variable base. 2,172,098; Sept. 5.
Eppensteiner, William F., Rahway, N. J., assignor to The American Metal Company, Limited, New York, N. Y. Adjustable mold. 2,154,234; Apr. 11.
Eppensteiner, William F., Rahway, N. J., assignor to The American Metal Company, Limited, New York, N. Y. Receiving device for castings. 2,184,519; Dec. 26.
Epperson, Newell M., assignor to Taywal Corporation, Chattanooga, Tenn. Tinning compound. 2,144,798; Jan. 24.
Eppinger, Louis J. (See Gehr, John R., assignor.)
Eppler, Andrew, Jr., Lynn, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Seam pressing and reinforcing machine. 2,178,746; Nov. 7.
Eppler, Eugen. (See Lasch, A., and Eppler.)
Epstein, Albert K. (See Katzman, M. B., and Epstein.)
Epstein, Albert K., and M. Katzman, Chicago, Ill. Quatenary ammonium derivative of amides. 2,176,896; Oct. 24.
Epstein, Albert K. and M. Katzman, assignors to The Emulsol Corporation, Chicago, Ill. Sulpho-carboxylic acid esters of alcohol amine derivatives. 2,178,139; Oct. 31.
Epstein, Harry M., New York, N. Y. Strengthening frames. 2,176,959; Oct. 24.
Epstein, Martin, Philadelphia, Pa. Luminous-tube sign. 2,146,806; Feb. 14.
Epstein, Ralph C., Williamsville, N. Y. Cleaning device. 2,147,769; Feb. 21.
Epstein, Ruben, Brooklyn, N. Y. Seltzer bottle attachment. 2,148,047; Feb. 21.
Epstein, Samuel, Bethlehem, and H. C. Larson, Johnstown, Pa., assignors to Bethlehem Steel Company. Steel treatment. 2,181,693; Nov. 28.
Equitable Paper Bag Co. Inc. (See Poppe, George W., assignor.)
Erasmus, Hendrik D., Lewiston, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Apparatus for producing hydrogen-nitrogen mixtures. 2,178,833; Nov. 7.
Erb, Arthur, Paterson, N. J. Automatic coupling for toy trains. 2,183,608; Dec. 19.
Erb, Edmund M., West Hartford, assignor to The Hartford Special Machinery Company, Hartford, Conn. Locating device. 2,144,486; Jan. 17.
Erb, Norris M. (See Hildebrandt, F. M., and Erb.)
Erb, William B., Chicago, Ill. Deep well pump. 2,146,500; Feb. 7.
Erbach, Fred R., assignor to General Refrigeration Corporation, Beloit, Wis. Header feed evaporator. 2,158,792; May 16.
Erbach, Fred R., and R. H. Swart, assignors to General Refrigeration Corporation, Beloit, Wis. Refrigerating apparatus. 2,158,793; May 16.
Erbach, Fred R., assignor to General Refrigeration Corporation, Beloit, Wis. Low pressure type refrigeration compressor. 2,171,787; Sept. 5.
Erban Patents Corporation. (See Erban, Richard, assignor.)
Erban, Richard, Vienna, Austria, assignor to Erban Patents Corporation. Transmission device. 2,148,857; Feb. 28.
Erban, Richard, assignor to Erban Patents Corporation, New York, N. Y. Variable speed transmission. 2,152,796; Apr. 4.
Erban, Richard, assignor to Erban Patents Corporation, New York, N. Y. Transmission. 2,152,797; Apr. 4.
Erbel, Joseph, San Francisco, Calif. Braking mechanism. 2,171,473; Aug. 29.
Erber, Günter, Weiz, Steiermark, assignor to Elin A. G. für elektrische Industrie, Vienna, Austria. Connecting the electrodes in automatic electric arc welding. 2,167,565; July 25.
Erbguth, Paul F. K., assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Disk chart hub. 2,159,504; May 23.
Erbguth, Paul F. K., assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Damped chart-pen lifter. 2,173,061; Sept. 12.
Erbguth, Paul F. K., assignor to Charles J. Tagliabue Mfg. Co., Brooklyn, N. Y. Instrument spring link movement. 2,178,538; Nov. 7.
Erda, Albert R. (See Schwarz, R., and Erda.)
Erdle, Reiner W., Chicago, Ill., assignor to Dental Research Corporation. Making shell-like porcelain tooth structures. 2,165,466; July 11.
Erdle, Reiner W., Chicago, Ill., assignor to Dental Research Corporation. Retention means for artificial teeth, gum sections, and the like. 2,179,502; Nov. 14.
Erdman, Carl H., Fullerton, Calif. Spiked detachable shoe sole. 2,182,375; Dec. 5.
Erdman, Jay, Stamford, assignor of one-fourth to D. L. Mattern, Bridgeport, Conn. Masonry unit or block. 2,182,470; Dec. 5.
Erdmann, Georg, Berlin, Germany. Handle for hand grenades. 2,168,979; Aug. 8.
Erdmann, Konrad, Radenthein, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Electric furnace. 2,154,737; Apr. 18.
Erdmann, Konrad, Radenthein, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Electric shaft furnace. 2,161,916; June 13.
Erdmann, Konrad, Radenthein, Germany, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Converting magnesium dust into compact metallic magnesium. 2,183,392; Dec. 12.
Erdos, John, assignor to Inland Bed Company, Chicago, Ill. Removable bed side. 2,159,323; May 23.
Erich, Reuben, Avenal, Calif. Inertia switch. 2,161,411; June 6.
Erichsen, Ruth J., East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Phototube. 2,171,233; Aug. 29.
Ericksen, Oliver H., Chico, Calif. Bug deflector. 2,184,995; Dec. 26.
Erickson, Albin R., Los Angeles, Calif. Hand tool. 2,183,960; Dec. 19.
Erickson, Andrew J., Beebe, Wash. Tree and plant protector. 2,170,589; Aug. 22.
Erickson, C. E., Company. (See Erickson, Ernest R., assignor.)
Erickson, Carl I., Glendale, Ariz. Switch. 2,157,930; May 16.
Erickson, Carl R., West Los Angeles, assignor to Motion Picture Electric Products, Los Angles, Calif. Focusing device for incandescent studio spotlights. 2,177,639; Oct. 31.
Erickson, Clinton C., Portland, Oreg. Log rossing machine. 2,174,782; Oct. 3.
Erickson, David, Wichita Falls, Tex. Rod line idler. Re. 21,049; Apr. 18.
Erickson, Ernest R., assignor to C. E. Erickson Company, Incorporated, Des Moines, Iowa. Display rack. 2,146,112; Feb. 7.
Erickson, Ernest R., assignor to C. E. Erickson Company, Inc., Des Moines, Iowa. Sign and mounting therefor. 2,146,113; Feb. 7.
Erickson, Ernest R., assignor to C. E. Erickson Company, Incorporated, Des Moines, Iowa. Display rack. 2,174,104; Sept. 26.
Erickson, Ernest R., assignor to C. E. Erickson Company, Incorporated, Des Moines, Iowa. Advertising door pull. 2,180,670; Nov. 21.
Erickson, George L. (See Kline, B. L., Parrott, and Erickson.)
Erickson, George L., Hasbrouck Heights, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Rectifier power unit and signal shaping arrangement for metallic telegraph circuits. 2,172,277; Sept. 5.

Erickson, George L., Hasbrouck Heights, N. J., and W. S. Daley, deceased (by D. Daley, administratrix), Burlington, Vt., assignors to The Western Union Telegraph Company, New York, N. Y. Automatic recording margin indicator. 2,173,534; Sept. 19.

Erickson, George L., Hasbrouck Heights, N. J., and P. E. Teter, assignors to The Western Union Telegraph Company, New York, N. Y. Regenerative repeater for telegraph systems. 2,179,690; Nov. 14.

Erickson, Hjalmar, Cambridge, Mass. Machine for applying index tabs to books. 2,144,917; Jan. 24.

Erickson, Hugo, Chicago, Ill. Radiator stop-leak. 2,180,341; Nov. 21.

Erickson, John, Bayonne, N. J. Beer truck. 2,146,533; Feb. 7.

Erickson, John A., Jackson, Mich. Heating and spraying apparatus. 2,167,940; Aug. 1.

Erickson, John A., Jackson, Mich. Corn sheller. 2,168,617; Aug. 8.

Erickson, John A., Jackson, Mich. Hammer mill. 2,169,684; Aug. 15.

Erickson, John A., Jackson, Mich. Spraying hood. 2,175,259; Oct. 10.

Erickson, Lennart G. (See Echlin, J. E., and Erickson.)

Erickson, Lennart G., assignor to Frank I. Du Frane Company, Inc., San Francisco, Calif. Loud-speaking intercommunicating system. 2,177,769; Oct. 31.

Erickson, Nels E., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Air brake. 2,155,701; Apr. 25.

Erickson, Nels E., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Tractor fender. 2,155,702; Apr. 25.

Erickson, Prentis E., assignor to J. B. Bradshaw, Minneapolis, Minn. Sisal and fiber cutting apparatus. 2,143,123; Jan. 10.

Erickson, Prentis E., Minneapolis, Minn. Automobile steering wheel. 2,184,588; Dec. 26.

Erickson, Robert B., Philadelphia, Pa. Recovery of lead. 2,184,520; Dec. 26.

Erickson, Vernon W., Grand Coulee, Wash. Spring suspension. 2,162,843; June 20.

Erickson, Wallace A., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacturing stabilized diazo salts. 2,171,976; Sept. 5.

Ericksson, Emil, assignor to Standard Process Corporation, Chicago, Ill. Printing method and apparatus. 2,151,960; Mar. 28.

Ericksson, Emil, assignor to Standard Process Corporation, Chicago, Ill. Clutching and driving mechanism. 2,151,961; Mar. 28.

Ericson, Alfred G. (See Granberg, B. R., and Ericson.)

Ericson, Anton F., Dayton, Ohio, and B. H. Anibal, Pontiac, assignors to General Motors Corporation, Detroit, Mich. Brake operating mechanism. 2,158,323; May 16.

Ericson, Anton F., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Hydraulic brake wheel cylinder. 2,175,431; Oct. 10.

Ericson, Alfred G. (See Granberg, B. R., and Ericson.)

Ericson, Charles E. (See Fox B., and Ericson.)

Ericson, Don A. (See Shinn, A. A., and Ericson.)

Ericson, Edward O., Cleveland, Ohio. Electric connector equipment. 2,176,456; Oct. 17.

Ericson, Elmer W. (See Barrett, A. M., Macnair, and Ericson.)

Ericson, Elmer W., Chicago, and R. Brauer, Cicero, assignors to The Barrett Bindery Co., Chicago, Ill. Temporary binder. 2,181,968; Dec. 5.

Ericson, George R. (See Coffey, Irven E., assignor.)

Ericson, George R., et al. (See Dudenhofen, John J., assignor.)

Ericson, George R., St. Louis, Mo. Automatic starting device. 2,147,019; Feb. 14.

Ericson, George R., Kirkwood, assignor to Carter Carburetor Corporation, St. Louis, Mo. Fuel feed device. 2,157,074; May 2.

Ericson, George R., St. Louis, Mo. Carburetor structure. 2,167,975; Aug. 1.

Ericson, Warren T. (See Ericson, Wilma E. and W. T.)

Ericson, Wilma E. and W. T., Minneapolis, Minn. Traveling kit. 2,143,062; Jan. 10.

Ericsson, Ernst A. J., Gothenburg, Sweden. Holder for surgical needles. 2,150,496; Mar. 14.

Ericsson, Ernst A. J., Gothenburg, Sweden. Shears for cutting plaster bandages. 2,172,022; Sept. 5.

Ericsson, Le Roy J., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor structure. 2,142,503; Jan. 3.

Erie Malleable Iron Company. (See Vanderveer, Jewell W., assignor.)

Erie Resistor Limited. (See Henton, A. O., and Drewett, assignors.)

Erie Resistor Corporation. (See Pfeiffer, Julius T., assignor.)

Erikson, Leonard O., Malden, Mass. Showcase rail. 2,144,753; Jan. 24.

Erikson, Sverre, Brooklyn, N. Y. Cable tractor for conduits. 2,148,982; Feb. 28.

Eriksson-Jons, Anders, Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Suction nozzle. 2,142,978; Jan. 3.

Eriksson-Jons, Anders, Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,149,135; Feb. 28.

Eringer, Josef, Munich, Germany. Obtaining silicon from its compounds. 2,172,969; Sept. 12.

Erlach, Iva L. (See Yancey, W. O., and Erlach.)

Erlach, Moritz, assignor to O. Erlach, Melk, Austria, and O. Spillern, Abinger Dorking, Surrey, England. Vaporizer-burner. 2,173,434. Sept. 19.

Erlach, Oswald, et al. (See Erlach, Moritz, assignor.)

Erlanger, Sanford, and D. E. Anderson, Los Angeles, Calif. Package and article carrier. 2,179,844; Nov. 14.

Erline, Tobias H., F. U. Ditzler, and H. B. Koch, Lititz, Pa. Apparatus for forming shoes of the prewelted type. 2,164,989; July 4.

Erling, Sven J., Nockeby, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Pulsator for milking machines. 2,160,651; May 30.

Erling, Sven J., Nockeby, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Bellows for milking machine pulsators. 2,175,596; Oct. 10.

Ernau, Jacob J. (See Bock, Alfred C. O.)

Ernolf, Carl O., St. Essingen, Sweden, assignor to Electrolux Corporation. Vacuum cleaner. 2,157,693; May 9.

Ernst, George M., Baldwin, N. Y. Vent device for heating systems. 2,178,250; Oct. 31.

Ernst, Hans. (See Dall, A. H., and Ernst.)

Ernst, Hans. (See Martellotti, M., and Ernst.

Ernst, Hans. (See Sassen, B., Ernst and Haas.)

Ernst, Hans, Cincinnati, and A. H. Dall, Silverton, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,170,494; Aug. 22.

Ernst, Henry J., Southgate, Ky. Sewing machine and process. 2,150,677; Mar. 14.

Ernst, Matthew, deceased; The Northern Trust Company, executor, and H. B. Holthouse, said executor assignor to The Northern Trust Company, Chicago, Ill. Drive system for gas electric automobiles. 2,179,546; Nov. 14.

Ernst, Matthew, deceased; The Northern Trust Company, executor, and H. B. Holthouse, said executor assignor to The Northern Trust Company, Chicago, Ill. Drive system for gas electric automobiles. 2,179,547; Nov. 14.

Ernst, Walter, Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Hydraulic double-action metal-drawing press. 2,146,534; Feb. 7.

Ernst, Walter, Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Double-action metal-drawing press. 2,146,535; Feb. 7.

Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Press Corporation, Inc., Wilmington, Del. Hydraulic pump or motor. 2,159,553; May 23.

Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Press Corporation, Inc., Wilmington, Del. Double-acting press. 2,167,941; Aug. 1.

Ernst, Walter, Mount Gilead, Ohio, assignor, by mesne assignments, to The Hydraulic Press Corporation, Inc., Wilmington, Del. Arrangement for driving auxiliary pilot pumps and slippage pumps. 2,168,669; Aug. 8.

Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Press Corporation, Inc., Wilmington, Del. Press with work ejector. 2,173,358; Sept. 19.

Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Press Corporation, Inc., Wilmington, Del. Double-acting hydraulic press. 2,184,638; Dec. 26.

Ernst, Walter, Mount Gilead, Ohio, assignor to The Hydraulic Press Corporation, Inc., Wilmington, Del. Self-centering servomotor. 2,184,665; Dec. 26.

Eroe, Harold S., Wharton, N. J., assignor to the Government of the United States of America, as represented by the Secretary of War and his successors in office. Flare. 2,170,815; Aug. 29.

Erren, Rudolf A., London, England. Charging internal combustion engines. 2,164,234; June 27.

Erren, Rudolf A., London, England. Electric generator. 2,177,801; Oct. 31.

Erren, Rudolf A., London, England. Internal combustion engine using hydrogen as fuel. 2,183,674; Dec. 19.

Errera, Attilio, Turin, Italy. Coin collecting and object distributing machine. 2,171,492; Aug. 29.

Errett, John. (See McNamara, W. L., and Errett.)

Errett, John W. (See McNamara, W. L., and Errett.)

Errig, William F., assignor to Peco Manufacturing Corporation, Philadelphia, Pa. Tire rim. 2,150,650; Mar. 14.

Errig, William F., Philadelphia, Pa., and E. S. De Hart, Collingswood, N. J., assignors to Peco Manufacturing Corporation, Philadelphia, Pa. Apparatus for making incisions. 2,149,010; Feb. 28.

Errig, William F., Philadelphia, Pa., and E. S. De Hart, Collingswood, N. J., assignors to Peco Manufacturing Corporation, Philadelphia, Pa. Support. 2,159,786; May 23.

Errig, William F., Jenkintown, Pa., and E. S. De Hart, Collingswood, N. J., assignors to Peco Manufacturing Corporation, Philadelphia, Pa. Tire-treating apparatus. 2,174,874; Oct. 3.

Erskine, Archibald M. (See Denslow, R. R., Erskine, and Horning.)

Erskine, Arthur W., et al. (See Hoopes, Ernest A., assignor.)

Erskine, Linwood M., et al. (See Coppus, Frans H. C., assignor.)
Ervin, John F., Ann Arbor, Mich. Metallic blast material. 2,145,756; Jan. 31.
Ervin, John F., Ann Arbor, Mich. Metallic abrasive material. 2,145,757; Jan. 31.
Ervin, John F., Ann Arbor, Mich. Disintegrating metal into shotting. 2,159,433; May 23.
Ervin, John F., Ann Arbor, Mich. Metallic abrasive. 2,171,081; Aug. 29.
Ervin, John F., Ann Arbor, Mich. Metallic abrasive. 2,171,082; Aug. 29.
Ervin, John F., Ann Arbor, Mich. Metallic abrasive. 2,171,083; Aug. 29.
Erwin, Emory D. (See Jackson, John W., assignor.)
Erwin, Weldon C., Huntington Park, assignor to J. Grant, Los Angeles, Calif. Rotary jar. 2,153,882; Apr. 11.
Erwood, Joseph, assignor to The Webster Company, Chicago, Ill. Phonograph turntable drive. 2,146,253; Feb. 7.
Erwood, Joseph, assignor to The Webster Company, Chicago, Ill. Turntable drive. 2,161,148; June 6.
Esberg, Alfred M. (See Pitt, H. M., Jr., and Esberg.)
Esch, George H., assignor to A. B. Segur, doing business as A. B. Segur & Company, Oak Park, Ill. Blank feeding device. 2,175,169; Oct. 10.
Escher Wyss Maschinenfabriken Aktiengesellschaft. (See Keller, Curt, assignor.)
Eshbaugh, Jesse E., Flint, assignor to General Motors Corporation, Detroit, Mich. Automatic choke valve. 2,154,086; Apr. 11.
Eshbaugh, Jesse E., and N. Walker, Flint, assignors to General Motors Corporation, Detroit, Mich. Radiator pressure cap. 2,164,450; July 4.
Eshbaugh, Jesse E., Flint, assignor to General Motors Corporation, Detroit, Mich. Radiator pressure cap. 2,181,969; Dec. 5.
Eskimo Pie Corporation. (See Elwell, Edwin L., assignor.)
Eskimo Pie Corporation. (See Watts, Warren S., assignor.)
Eskind, Abraham, Brooklyn, N. Y. Frame for shiffli embroidery machine. 2,179,287; Nov. 7.
Eskridge, Cecil V., Chicago, Ill., assignor to Oxweld Acetylene Company. Apparatus for heating metal bodies. 2,181,937; Dec. 5.
Eslick, Frederick M., Pass Christian, Miss. Trap. 2,169,945; Aug. 15.
Esnard, Enrique A., and R. Boza, Habana, Cuba; said Boza assignor to said Esnard. Washer bearing device. 2,148,195; Feb. 21.
Esotoo Fumigation Co. Ltd. (See Thomas, James A., assignor.)
Espe, Werner, Siemensstadt, Berlin, assignor to Siemens and Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Discharge tube. 2,164,507; July 4.
Espe, Werner, Berlin-Siemensstadt, assignor to "Fides Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung", Berlin, Germany. Shielded metal discharge tube. 2,178,747; Nov. 7.
Espersen, George A., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Method and apparatus for manufacturing gas-filled discharge tubes. 2,145,830; Jan. 31.
Essanbee Holding Company. (See Owens, Horace K., assignor.)
Essary, James C., et al. (See Dennison, Orvie G., assignor.)
Esselen, Gustavus J., Swampscott, Mass., assignor to The Specialty Guild Inc., Morristown, N. J. Preventing the slippage of rugs. 2,143,479; Jan. 10.
Esselen, Gustavus J., Swampscott, and E. R. Derby, Springfield, Mass., assignors to Monsanto Chemical Company, St. Louis, Mo. Forming polyvinyl acetal resin sheets. 2,148,062; Feb. 21.
Esselmann, Paul, Wolfen, Kreis Bitterfield, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the Main, Germany. Manufacture of artificial silk. 2,145,004; Jan. 24.
Esselmann, Paul, Wolfen, Kreis Bitterfeld, K. Kösslinger, Dessau, and P. Saffert, Wolfen, Kreis Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Crimping device. 2,156,723; May 2.
Esser, Heinrich, Berlin-Charlottenburg, Germany. Heel with exchangeable tip. 2,181,110; Nov. 21.
Essex, Jesse L. (See Jones, O. L., and Essex.)
Essex, William G., Southport, England. Reclaiming vulcanized rubber. 2,154,894; Apr. 18.
Esson, Edwin, assignor to Kalamazoo Stove & Furnace Company, Kalamazoo, Mich. Hot air heater. 2,165,038; July 4.
Esson, Edwin, assignor to Kalamazoo Stove & Furnace Company, Kalamazoo, Mich. Hot air heater. 2,174,572; Oct. 3.
Estate Stove Company, The. (See Kahn, Bertrand B., assignor.)
Estelle, Charles G., Jersey City, N. J. Furnace base unit. 2,146,887; Feb. 14.
Estep, Arthur C., assignor to The Whitacre-Greer Fireproofing Company, Waynesburg, Ohio. Hot top. 2,159,374; May 23.
Estep, Arthur C., assignor to The Whitacre-Greer Fireproofing Company, Waynesburg, Ohio. Ingot mold plug. 2,170,555; Aug. 22.
Estep, Russel, assignor of one-half to L. Layous, King City, Calif. Flow meter. 2,167,172; July 25.
Esterbrook Steel Pen Manufacturing Co., The. (See Ashmore, Leon H., assignor.)
Esterbrook Steel Pen Manufacturing Co., The. (See Ashmore, L. H., and Trotman, assignors.)
Esterbrook Steel Pen Manufacturing Co., The. (See Kofke, Harry C., assignor.)
Esterbrook Steel Pen Manufacturing Co., The. (See Longmaid, Sydney E., assignor.)
Esterow, Leo, and A. Klein, New York, N. Y. Vanity case. 2,154,235; Apr. 11.
Esters, Joseph H., assignor to Harnischfeger Corporation, Milwaukee, Wis. Track shoe. 2,177,936; Oct. 31.
Estes, Joseph C., Woonsocket, assignor to A. T. Levy, Harrisville, R. I. Prefabricated building. 2,146,726; Feb. 14.
Estes, Phillip H., Rutherford, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Method of and apparatus for testing relays. 2,154,379; Apr. 11.
Estey, Frederick W., West Stoughton, assignor to George E. Belcher Company, Stoughton, Mass. Display form for footwear. 2,169,835; Aug. 15.
Estey, Roger S., assignor to Spencer Lens Company, Buffalo, N. Y. Camera. 2,179,657; Nov. 14.
Etablissements Boudios. (See Boudios, Edmond, assignor.)
Etablissements Lambiotte Freres. (See Mascré, Jacques E. J. G., assignor.)
Etablissements Rouzaud & Fils. (See Fleuret, André M., assignor.)
Etherington, Duke. (See Lewis, Cyril E., assignor.)
Ethier, Napoleon, Maniwaki, Quebec, Canada. Meat tenderer. 2,168,120; Aug. 1.
Ethyl Gasoline Corporation. (See Elliott, Frank R., assignor.)
Etten, Nicholas L., assignor to Chamberlain Corporation Waterloo, Iowa. Wringer roll tensioning. 2,181,316; Nov. 28.
Etten, Nicholas L., assignor to Chamberlain Corporation, Waterloo, Iowa. Toggle top wringer mechanism. 2,183,881; Dec. 19.
Etten, Nicholas L., assignor to Chamberlain Corporation, Waterloo, Iowa. Wringer drain board mechanism. 2,183,882; Dec. 19.
Etter, William A., El Paso, Tex. Amusement device. 2,174,206; Sept. 26.
Ettinger, Joe J., assignor to Zimmer Manufacturing Company, Warsaw, Ind. Suction and irrigation apparatus. 2,180,042; Nov. 14.
Ettinger, Wallace J., assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Temperature control device. 2,184,339; Dec. 26.
Ettl, Joseph, Plainfield, N. J., assignor to Potdevin Machine Company, Brooklyn, N. Y. Machine for the transferring and treating of articles. 2,144,717; Jan. 24.
Etzel, Franz, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone system. 2,183,832; Dec. 19.
Etzelmiller, Robert E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes and their preparation. 2,144,219; Jan. 17.
Etzelmiller, Robert E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Aromatic amines and their preparation. 2,144,220; Jan. 17.
Etzkorn, Rudolf, Murg, Baden, Germany. Mixing system. 2,152,956; Apr. 4.
Etzrodt, Karl, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit arrangement for protecting electric discharge apparatus systems. 2,151,753; Mar. 28.
Eubank, John C., Akron, Ohio. Bather's air float. 2,173,963; Sept. 26.
Eubank, Lee H., Inglewood, Calif. Support for foldable ironing boards. 2,174,363; Sept. 26.
Euclid Road Machinery Company, The. (See Armington, Arthur P., assignor.)
Euclid Road Machinery Company, The. (See Armington, A. P., and Double, assignors.)
Euclid Road Machinery Company, The. (See Double, W. F., and Armington, assignors.)
Eudy, Harrison, Cleveland Heights, assignor to The Paine & Williams Company, Cleveland, Ohio. Tire. 2,152,883; Apr. 4.
Eugene Fruit Growers Association. (See Swofford, John, assignor.)
Eugene, Ltd. (See Durham, H. N., and Finnegan, assignors.)
Eureka Metal Products Corporation of New York. (See Donald, B. L., Molley, and Godard, assignors.)
Eureka Process Company. (See Walker, J. P., and Foran, assignors.)
Eureka Products Corporation. (See Lautz, James J., assignor.)
Eureka Steam Engine Company. (See Glenn, Russell P., assignor.)
Eureka Vacuum Cleaner Company. (See McCarthy, Arthur L., assignor.)

Eureka-X-ray Tube Corporation. (See Klinckmann, Arthur, assignor.)
Eustege, Thomas P., Sydney, New South Wales, Australia. Shaping, stamping, and the like press. 2,172,701; Sept. 12.
Eustis, J. P., Manufacturing Company. (See Spencer, Allard W., assignor.)
Eustis, Warner, Newton, and A. W. Vint, Walpole, assignors to The Kendall Company, Boston, Mass. Wettable material. 2,168,286; Aug. 1.
Euth, John E., Chicago, Ill., assignor to United Autographic Register Co. Autographic register. 2,178,036; Oct. 31.
Evans, Cadwallader, Jr., Scranton, Pa. Conveyer. 2,144,048; Jan. 17.
Evans Case Company. (See Lagerholm, Carl J., assignor.)
Evans Case Company. (See MacDonald, E. R., and Irelan, assignors.)
Evans Case Company. (See MacDonald, Howard D., assignor.)
Evans Case Company. (See Reilly, Alfred F., assignor.)
Evans, Charles E., assignor of one-fourth to L. G. Howard, Council Bluffs, Iowa. Container. 2,146,536; Feb. 7.
Evans, Charles E., assignor of one-half to L. G. Howard, Council Bluffs, Iowa. Treating foodstuffs. 2,179,327; Nov. 7.
Evans, Charles J. and S. C., Lowestoft, England. Electromagnetically operated switch for use in motor vehicle headlight dipping arrangements. 2,183,449; Dec. 12.
Evans, Charles P. (See Gullion, C. H., and Evans.)
Evans, Charles S. (See Murad, Walter, assignor.)
Evans, David F., Buffalo, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Skein lacing. 2,167,546; July 25.
Evans, David G., Kansas City, Mo. Necktie inserter. 2,165,624; July 11.
Evans, Earl R., Jackson Heights, N. Y. Lamp or plug and receptacle therefor. 2,181,050; Nov. 21.
Evans, Edward W., Brooklyn, N. Y. Fishhook. 2,164,807; July 4.
Evans, Elliott A., assignor to C. C. Wakefield & Company Limited, London, England. Lubricating oil. 2,164,393; July 4.
Evans, Francis C. (See Cowan, F. M., and Evans.)
Evans, Frank. (See Miller, J. H., and Evans.)
Evans, George H., assignor of one-half to R. K. Stevens, Washington, D. C. Display sign. 2,177,640; Oct. 31.
Evans, George H., assignor of one-half to R. K. Stevens, Washington, D. C. Illuminated sign. 2,177,641; Oct. 31.
Evans, George H., assignor of one-half to R. K. Stevens, Washington, D. C. Display sign. 2,182,147; Dec. 5.
Evans, George T. (See Phillips, F. O., and Evans.)
Evans, George W., Ashley, Pa. Flier block. 2,179,403; Nov. 7.
Evans, Gordon M., Detroit, Mich. Mechanical refrigerator. 2,162,945; June 20.
Evans, Harold W., Wilkes-Barre, Pa. Universal mounting. 2,181,126; Nov. 28.
Evans, Howell G., Two Rivers, Wis., and B. J. Kleerup, Chicago, Ill., assignors to Hamilton Manufacturing Company, Two Rivers, Wis. Image projection cabinet. 2,159,614; May 23.
Evans, James C., Detroit, assignor, by mesne assignments, to King-Seeley Corporation, Ann Arbor, Mich. Air-cleaner. 2,168,670; Aug. 8.
Evans, James C., East Aurora, N. Y. Safety razor. 2,183,554; Dec. 19.
Evans, James M., Detroit, Mich., assignor to Evans Products Company. Railway signaling system. 2,159,324; May 23.
Evans, James M., Detroit, Mich., assignor to Grade Crossing Guard Corp., Memphis, Tenn. Crossing protective system. 2,164,610; July 4.
Evans, John, Oaklyn, N. J., assignor to Radio Corporation of America. Resonant circuit for ultra high frequency amplifiers. 2,156,261; May 2.
Evans, John, Indiana Harbor, Ind. Four-way valve mechanism. 2,182,982; Dec. 12.
Evans, Kelley D., assignor of one-half to C. E. Hooven, Hamilton, Ohio. Typewriter. 2,142,561; Jan. 3.
Evans, Kelley D., Hamilton, assignor of one-half to C. E. Hooven, Hamilton, Ohio. Typewriter. 2,158,066; May 16.
Evans, L. B., Son, Company. (See Wilkinson, E. W., and Hurd, assignors.)
Evans, Louis P., Beacon, assignor to The Texas Company New York, N. Y. Solvent refining hydrocarbon oil 2,155,644; Apr. 25.
Evans, Louis P., Beacon, assignor to The Texas Company, New York, N. Y. Separation of wax from oil 2,158,358; May 16.
Evans, Louis P., and H. H. Gross, Beacon, assignors to The Texas Company, New York, N. Y. Separation of wax from oil. 2,155,645; Apr. 25.
Evans Manufacturing Company, The. (See Lion, H. S., and Rohrer, assignors.)
Evans, Martin E., Pittsburgh, Pa. Metal attenuating process and apparatus. 2,152,842; Apr. 4.
Evans, May, North Kansas City, Mo. Sewing and knitting kit. 2,176,299; Oct. 17.
Evans, Merlin M., Bethesda, Md. Flying target. 2,148,063; Feb. 21.
Evans, Merlin M., Bethesda, Md. Device, adapter, tool, or the like to facilitate the manufacture of artificial fish lures. 2,166,585; July 18.
Evans, Morris S. (See Bitler, W. T., Evans, and McBride.)
Evans, Morton E. and W. A., Philadelphia, Pa., assignors, by mesne assignments, to National Carbon Company, Inc. Easel. 2,160,456; May 30.
Evans, Percival T., and J. H. Wright, Coventry, and H. Brammer, Leeds, England. Belting. 2,184,796; Dec. 26.
Evans, Powell, Haverford, Pa. Mounting for fire extinguishers. 2,159,889; May 23.
Evans Products Company. (See Christman, John N. H., assignor.)
Evans Products Company. (See Evans, James M., assignor.)
Evans Products Company. (See Germonprez, John A., assignor.)
Evans Products Company. (See Lintern, Alfred R., assignor.)
Evans Products Company. (See Lintern, A. R., and Miller, assignors.)
Evans Products Company. (See Lintern, A. R., and Spooner, assignors.)
Evans Products Company. (See Lintern, William, assignor.)
Evans Products Company. (See Lintern, William and A. R.)
Evans Products Company. (See Miller, P. J., and Spooner, assignors.)
Evans, Ralph L., New York, and E. G. McDonough, Mount Vernon, assignors to Zotos Corporation of New York, N. Y. Waving hair. 2,151,692; Mar. 28.
Evans, Ralph L., New York, and E. G. McDonough, Yonkers, N. Y. Hair waving pad. 2,178,567; Nov. 7.
Evans, Robert D., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ground-fault protection. 2,162,531; June 13.
Evans, Robert D., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. System for controlling voltage of rectifiers. 2,165,039; July 4.
Evans, Robert M., Des Moines, Iowa. Practice apparatus for football and like games. 2,162,073; June 13.
Evans, Samuel T., Cleveland, Ohio. Step for vehicles. 2,145,647; Jan. 31.
Evans, Sidney J. (See Bevington, John E., assignor.)
Evans, Silas M., San Luis Obispo, Calif. Load binder. 2,179,177; Nov. 7.
Evans, Stanley C. (See Evans, Charles J., and S. C.)
Evans, Theodore, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Purification of polyhydric alcohols. 2,154,930; Apr. 18.
Evans, Theodore, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Recovery of organic oxy-compounds. 2,175,080; Oct. 3.
Evans, Theodore W., Berkeley, and E. F. Bullard, Oakland, assignors to Shell Development Company, San Francisco, Calif. Secondary ethers of polyhydric alcohols. 2,156,724; May 2.
Evans, Theodore W., Berkeley, and E. F. Bullard, Oakland, assignors to Shell Development Company, San Francisco, Calif. Secondary ethers of polyhydric alcohols. 2,164,007; June 27.
Evans, Walter B. (See Hoppes, E. F., Garratt, and Evans.)
Evans, Wayne S. (See Evans, Morton E. and W. S.)
Evans, Wayne S. (See Housman, A. J., and Evans.)
Evans, Wil, and A. F. Knaggs, Oakland, assignors to California Container Corporation, Emeryville, Calif. Tray. 2,163,117; June 20.
Evans, William A., Ridgewood, N. J., and W. W. Werring, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone hand-set. 2,156,754; May 2.
Evans, William B., and D. A. Lawson, assignors to Tennessee Enamel Manufacturing Company, Nashville, Tenn. Coin changing machine. 2,185,148; Dec. 26.
Evans, William E., Waterbury, assignor to The Waterbury Lock and Specialty Company, Milford, Conn. Pocket lighter. 2,164,872; July 4.
Evans, William E., Waterbury, assignor to The Waterbury Lock & Specialty Company, Milford, Conn. Padlock. 2,169,895; Aug. 15.
Evans, William H., University City, Mo. Coupling for fabric hose. 2,160,354; May 30.
Evans, William H., Huntington Park, Calif. Photographic process. 2,176,585; Oct. 17.
Evans, William W., Los Angeles, Calif. Massage machine. 2,146,177; Feb. 7.
Evanston Company, The. (See Burwell, Elvin C., assignor.)
Evanston Company, The. (See Schmidt, Richard W., assignor.)
Evarts, Ralph E. (See Buttner, W. C., and Evarts.)
Evasic, John. (See Baxendale, S., and Evasic.)
Evasic, John, Detroit, Mich. Feeding finger. 2,170,942; Aug. 29.
Evelyn, Harry C., Chicago, Ill. Flashlight device. 2,166,657; July 18.
Evensen, Ingwald M., Weston, Ontario, Canada. Closure means for tubes and the like. 2,142,636; Jan. 3.
Evenson, William G., Baraboo, Wis. Pipe cleaner. 2,183,906; Dec. 19.

Everest, Guy N. (See Gooding, F. H., and Everest.)
Everest, Herbert A., and H. C. Jennings, Los Angeles, Calif. Folding propulsion wheel chair. 2,181,420; Nov. 28.
Everett, Arthur C., Boston, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Container cleaning device. 2,176,126; Oct. 17.
Everett, Benjamin A., Tulsa, Okla. Golf game. 2,164,808; July 4.
Everett, Charles E., assignor to The Massey-Harris Company, Racine, Wis. Transmission for ensilage cutters. 2,150,213; Mar. 14.
Everett, Charles E., assignor to The Massey-Harris Company, Racine, Wis. Dual purpose feed mill. 2,181,397; Nov. 28.
Everett, Edward A., Long Island City, N. Y., assignor to M. H. Loughridge, Bogota, N. J. Electric bond for rail joints. 2,180,350; Nov. 21.
Everett, Edward A., Long Island City, N. Y., assignor to Matthew H. Loughridge, Bogota, N. J. Electric bond for rail joints. 2,182,798; Dec. 12.
Everett Experimental & Development Co. (See Prokopenko, Gustav C., assignor.)
Everett Experimental and Development Company. (See Becker, John C., O. C., and E. J., assignors.)
Everett, Thomas H. (See Henry, E. W., and Everett.)
Ever-Flo Manufacturing Company. (See Clauder, Earle A., assignor.)
Everhart, Clyde E., Wauchula, Fla. Railroad switch frog and assembly. 2,182,290; Dec. 5.
Everitt, Philip F., Ilford, assignor to Henry Hughes & Son Limited, London, England. Calculating mechanism for measuring instruments. 2,145,347; Jan. 31.
Everlasting Valve Company. (See Wilson, Wylie G., assignor.)
Ever Ready Calendar Manufacturing Co. (See Kemp, William H., assignor.)
Evers, Adolph F., Jr., Denton, Tex. Water-cooling apparatus and method. 2,169,795; Aug. 15.
Evers, Arthur J., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Separating blanks from sheet material. 2,168,400; Aug. 8.
Evers, Arthur J., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Apparatus for separating blanks from sheet material. 2,168,401; Aug. 8.
Evers, Harry G. (See Saunders, N. H., and Evers.)
Evers, Roy D., Hoquiam, Wash. Self-closing top. 2,176,395; Oct. 17.
Evers, William L. (See Cheetham, H. C., and Evers.)
Evers, William L. (See James, W. H., Moran, and Evers.)
Eversole, James F., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Manufacture of formic acid. 2,160,064; May 30.
Eversole, James F., and C. W. Rehm, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Hydrating olefines in the presence of heteropoly compounds. 2,162,913; June 20.
Everson, Franklin E., Scarsdale, N. Y. Display form. 2,168,063; Aug. 1.
Everson, Hazel A., Louisville, Ky. Music chart. 2,164,873; July 4.
Everson, Roy B., Chicago, Ill. Gas absorbing system. 2,148,902; Feb. 28.
Everson, Roy B., Chicago, Ill. Nonsiphoning swimming pool treatment system. 2,162,074; June 13.
Everston, Joseph H., Milwaukee, Wis., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Cushion construction for shoes. 2,175,687; Oct. 10.
Everston, Joseph H., Milwaukee, Wis., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Shoe. 2,178,629; Nov. 7.
Everwear Manufacturing Company, The. (See Hoppes, E. F., Garratt, and Evans, assignors.)
Evjen, Haakon M., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Electrical method of geophysical exploration. 2,169,685; Aug. 15.
Evjen, Haakon M., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Electrical method of geophysical exploration. 2,172,557; Sept. 12.
Evleth, Everett B., Bryn Mawr, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Evaporative cooling system. 2,184,613; Dec. 26.
Evoy, Martin, Abington, Pa. Bleaching. 2,173,474; Sept. 19.
Evrell, Kaleb E., assignor to Aktiebolaget Bolinder-Munktell, Eskilstuna, Sweden. Fluid pressure operated apparatus. 2,154,038; Apr. 11.
Evrell, Kaleb E., Eskilstuna, Sweden, assignor to Aktiebolaget Bolinder-Munktell. Log carriage. 2,162,299; June 13.
Evrell, Kaleb E., Eskilstuna, assignor to Aktiebolaget Bolinder-Munktell, Eskilstuna, Sweden. Apparatus for actuating the pressure rollers of sawing machines. 2,166,627; July 18.
Evrell, Kaleb E., Eskilstuna, Sweden. Automatic power transmission device for automobiles and the like. 2,177,212; Oct. 24.
Ewald, Fred J., Jr., Elmhurst, assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Electric heater. 2,166,807; July 18.
Ewald, George R., Pittsburgh, Pa. Thermoelectric rotary razor. 2,164,581; July 4.
Ewald, Mark, Olympia, Wash., assignor to Special Equipment Company, Portland, Oreg. Bobbing device. 2,161,806; June 13.
Ewald, Mark, Olympia, Wash., assignor to Special Equipment Company, Portland, Oreg. Fruit cutting and discharging means. 2,161,807; June 13.
Ewald, Walter. (See Strube, R., and Ewald.)
Ewald, Warren, assignor to Young Radiator Company, Racine, Wis. Grille and making same. 2,144,528; Jan. 17.
Ewald, Wolfgang F., Berlin, and K. Wilhelm, Berlin-Tempelhof, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Automatic frequency control circuit. 2,151,506; Mar. 21.
Ewald, Wolfgang F., K. Wilhelm, H. Pitsch, and O. Tüxen, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Automatic frequency control circuits. 2,171,649; Sept 5.
Ewald, Wolfgang Felix. (See Franke, E., and Ewald.)
Ewaldson, Waldemar C., Millington, and H. Kress, North Plainfield, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for treating strands. 2,172,837; Sept. 12.
Ewan, Joseph E., assignor to Vaughan Novelty Mfg. Co. Inc., Chicago, Ill. Kitchen utensil bracket. 2,173,159; Sept. 19.
Ewart, John M. (See Taylor, G. N., and Ewart.)
Ewart, William E., Seattle, Wash. Variable-speed transmission. 2,178,784; Nov. 7.
Ewart, William M., assignor to Carter Carburetor Corporation, St. Louis, Mo. Valve. 2,172,935; Sept. 12.
Ewen, Harry A., London, England, assignor to Radio Corporation of America. Electric insulator. 2,149,118; Feb. 28.
Ewest, Hans, Berlin-Lichterfelde, Germany, assignor to General Electric Company. Gaseous electric discharge lamp device. 2,177,696; Oct. 31.
Ewest, Hans, Berlin-Lichterfelde, H. Krefft, Berlin-Friedrichshagen, and K. Larché, Berlin-Tempelhof, Germany, assignors to General Electric Company. Gaseous electric discharge lamp device. 2,152,989; Apr. 4.
Ewing, Frederick J., Pasadena, assignor to Union Oil Company of California, Los Angeles, Calif. Saponification of oxidized hydrocarbons. 2,153,302; Apr. 4.
Ewing, Samuel C., Scotia, N. Y., assignor to General Electric Company. Control system for synchronous machines. 2,151,093; Mar. 21.
Ewing, Vernon L., New Orleans, La. Material hoist. 2,143,189; Jan. 10.
Ewing, Wylie B., Wheeling, W. Va., assignor, by mesne assignments, to Vulcan Rail and Construction Company, Maspeth, N. Y. Pipe joint and making same. 2,147,431; Feb. 14.
Ewing, Wylie B., Wheeling, W. Va., assignor, by mesne assignments, to Vulcan Rail and Construction Company, Maspeth, N. Y. Railing and manufacture thereof. 2,150,651; Mar. 14.
Ewing, Wylie B., Wheeling, W. Va., assignor, by mesne assignments, to Vulcan Rail and Construction Company, Maspeth, N. Y. Tubular metal railing structure. 2,172,137; Sept. 5.
Exactor Control Company. (See Parkin, William H., assignor.)
Excel Auto Radiator Company. (See Sperry, Philmore F., assignor.)
Excel Curtain Company. (See Levan, John F., assignor.)
Excel Taping Machine Co. (See Olsen, Carl A., assignor.)
Ex-Cell-O Corporation. (See Alden, Carroll R., assignor.)
Ex-Cell-O Corporation. (See Criddle, Ray B., assignor.)
Ex-Cell-O Corporation. (See Hoffer, James F., assignor.)
Ex-Cell-O Corporation. (See Keel, Adolf, assignor.)
Ex-Cell-O Corporation. (See Locke, William B., assignor.)
Ex-Cell-O Corporation. (See Snader, Ira J., assignor.)
Ex-Cell-O Corporation. (See Snader, I. J., and Hoffer.)
Exhibit Supply Company, The. (See Meyer, John F., assignor.)
Exhibit Supply Company. (See Radtke, Bruno, assignor.)
Exhibit Supply Company, The. (See Solinski, Charles A., assignor.)
Ex Lax, Inc. (See Hubacher, Max, assignor.)
Exley, Leo F., Johnson City, assignor to Endicott Johnson Corporation, Endicott, N. Y. Sharp edge cutting die. 2,178,473; Oct. 31.
Exley, Leo F., Johnson City, N. Y., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Sole pressing machine. 2,178,568; Nov. 7.
Exley, Leo F., Johnson City, N. Y., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Sole-pressing machine. 2,178,990; Nov. 7.
Exley, William H., Leicester, and W. Haddon, Forest Hill, London, England. Applying to metal or other surfaces a coating of fusible metal. 2,142,891; Jan. 3.
Exley, William H., Market Harborough, and W. Haddon, Forest Hill, London, England. Control valve for liquid elevating apparatus. 2,158,898; May 16.
Exline, Katherine M., et al. (See Exline, Marcus P., assignor.)
Exline, Marcus P., assignor of one-half to T. L. Jaggars, and one-half to K. M. Exline, Dallas, Tex. Toy. 2,184,639; Dec. 26.
Exline, Paul G., O'Hara Township, Allegheny County, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Chart for recording instruments. 2,153,917; Apr. 11.

Exner-Dodge Packer Company, The. (See Fulkerson, Richard E., assignor.)
Exner, Donald W., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Battery-taper relay. 2,165,040; July 4.
Experimental Laboratories Incorporated. (See Dunham, C. A. and A. R., Crosthwait, and Miller, assignors.)
Extractol Process, Ltd. (See Bonotto, Michele, assignor.)
Extrom, Victor E. (See Rustad, L. L., and Extrom.)
Eyedoll Corporation. (See De Cesare, M., and Cohn, assignors.)
Eyerly, Lee U., Salem, Oreg. Seat for amusement devices. 2,165,698; July 11.
Eynon, Howard B. (See Burr, M. C., and Eynon.)
Eyres, Thomas W., assignor to Mandel Brothers, Inc., Chicago, Ill. Fabric bolt rack. 2,148,402; Feb. 21.
F. A. B. Manufacturing Co. (See Freitag, Knud J. W., assignor.)
F. N. F. Limited. (See Morton, J., and Carter, assignors.)
F. N. F. Limited. (See Morton, James, and Hannay, assignors.)
F. N. F. Limited. (See Morton, J., Hannay, and Carter, assignors.)
Faas, Walter, South Orange, assignor to The Bates Manufacturing Company, West Orange, N. J. Fastener attaching apparatus. 2,155,085; Apr. 18.
Fabbrica Italiana Magneti Marelli Soc. An. (See Quintavalle, Umberto, assignor.)
Fabbrica Italiana Magneti Marelli Societa Anonima. (See Kamenarovic, Leone, assignor.)
Fabbro, Umberto, Melbourne, Victoria, Australia. Machine for shaping butter and like materials. 2,160,696; May 30.
Faber, Eberhard, Pencil Company. (See Finck, Carl P., assignor.)
Faber, Eberhard, Pencil Co. (See Roth, Henry J., assignor.)
Faber, Ernst, Stuttgart, Germany. Vacuum cleaner. 2,151,842; Mar. 28.
Faber, Herbert A., Cincinnati, Ohio. I-beam. 2,142,637; Jan. 3.
Faber, Herbert A., Cincinnati, Ohio. Blade sharpener. 2,142,779; Jan. 3.
Faber, Herbert A., Cincinnati, Ohio. Brick wall construction. 2,159,019; May 23.
Faber, Herbert A., Cincinnati, Ohio. Compensating-duct system. 2,164,394; July 4.
Faber, Herbert A., Cincinnati, Ohio. Expanded-metal structural unit. 2,168,196; Aug. 1.
Faber, Herbert A., Cincinnati, Ohio. Boiler. 2,168,197; Aug. 1.
Faber, Herbert A., Cincinnati, Ohio. Rotor unit for spraying liquids. 2,182,471; Dec. 5.
Faber, Hermann. (See Zetzsche, W., Stix, Faber, and Schürman.)
Faber, John J., Ellsinore, Mo., assignor to Belsaw Machinery Company. Shingle mill. 2,145,568; Jan. 31.
Faber, John P., Dunellen, N. J., assignor to Ransome Concrete Machinery Co. Closure for concrete mixing drums. 2,184,251; Dec. 19.
Faber Laboratories, Inc. (See Stewart, Clifford R., assignor.)
Faber, Peter J., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Speaker matching and selecting device. 2,176,732; Oct. 17.
Faber & Schleicher, A. G. (See Reinartz, Robert, assignor.)
Fabian, Carl M. (See Hooker, D. L., and Fabian.)
Fabian, Constantine F., Brookfield, assignor to The Non-Mercuric Carrot Company, Danbury, Conn. Carroting fur and the like and composition therefor. 1,169,997; Aug. 22.
Fabian, Constantine F., Brookfield, Conn., and A. N. Sachanen, Woodbury, N. J., assignors to The Non-Mercuric Carrot Company, Danbury, Conn. Carroting animal fiber and the like and composition therefor. 2,144,487; Jan. 17.
Fabian, Constantine F., Brookfield, Conn., and A. N. Sachanen, Woodbury, N. J., assignors to The Non-Mercuric Carrot Company, Danbury, Conn. Carroting fur and the like and composition therefor. 2,155,161; Apr. 18.
Fabionar, Peter V., Norwalk, Calif. Rocket projectile. 2,179,404; Nov. 7.
Fabre, Frederick J., et al. (See Irby, David F., assignor.)
Fabreeka Products Company. (See Germonprez, John A., assignor.)
Fabrice, Edward H., assignor to Guardian Safety Seal Company, Chicago, Ill. Rendering sheet metal and sheet metal articles readily severable. 2,159,325; May 23.
Fabrice, Edward H., assignor to Guardian Safety Seal Company, Chicago, Ill. Sealed receptacle. 2,169,686; Aug. 15.
Fabricy, Daniel J., Jr. (See Gwinn, J. M., Jr., and Fabricy.)
Fabrik Chemischer Praeparate Von Dr. Richard Sthamer. (See Weissenborn, Adolf, assignor.)
Fabriksaktiebolaget Haldastaxametern. (See Östberg, Karl G., assignor.)
Fabry, Herman, Evanston, Ill. Binder. 2,178,887; Nov. 7.
Fa-Cile Fastener Corporation. (See Lamarthe, A. E., assignor.)
Factor, Max, & Co. (See Jewel, P. W., and Pratt, assignors.)
Fadel, Addie E., San Francisco, Calif. Heater. 2,178,785; Nov. 7.
Fader, James W., Dorchester, assignor to Atlantic Register Company, Waltham, Mass. Strip feeding and registering mechanism for manifolding devices. 2,172,637; Sept. 12.
Fader, William, Newark, N. J. Mop wringer. 2,149,255; Mar. 7.
Fader, William, Newark, N. J. Window ventilator. 2,178,253; Oct. 31.
Fader, William, Newark, N. J. Radiator humidifier. 2,178,254; Oct. 31.
Fader, William, and J. Schatman, Newark, N. J. Combined sill and wall bracket. 2,152,990; Apr. 4.
Fae Lock Company. (See Edward F. A., and Patnaude, assignors.)
Faeber, Harry W., assignor to The Cuneo Eastern Press, Inc., Philadelphia, Pa. Apparatus for stitching assemblies. 2,152,137; Mar. 28.
Faeber, Harry W., assignor to The Cuneo Eastern Press, Inc., Philadelphia, Pa. Apparatus for processing books. 2,170,049; Aug. 22.
Faerber, Peter K. (See Phillips, N. E., and Faerber.)
Fafnir Bearing Company, The. (See Hellyar, Charles H., assignor.)
Fafnir Bearing Company, The. (See Leister, Fayette, assignor.)
Fafnir Bearing Company, The. (See Potter, Howell, assignor.)
Fafnir Bearing Company, The. (See Searles, Raymond R., assignor.)
Fafnir Bearing Company, The. (See Smith, John W., assignor.)
Fagan, Joseph F., West Hartford, assignor to The Bush Manufacturing Company, Hartford, Conn. Making radiators. 2,170,774; Aug. 22.
Fagan, Lewis E., Chicago, and A. B. Mojonnier, Park Ridge, Ill., assignors to Mojonnier Bros. Co. Bottle filling machine. 2,147,366; Feb. 14.
Fagan, Louis J., Ashville, N. Y. Automatic thawing and condensation return device for automobile radiators. 2,181,598; Nov. 28.
Fageol, Rollie B., Beverly Hills, Calif. Nonhook, nonskid bumper construction. 2,173,642; Sept. 19.
Fageol, Rollie B., Beverly Hills, Calif. Smoker's accessory. 2,183,425; Dec. 12.
Fageol, William B., assignor to Twin Coach Company, Kent, Ohio. Panel mounting. 2,173,435; Sept. 19.
Fagerberg, Sven, Degeron, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,143,144; Jan. 10.
Fagerberg, Sven, Degeron, assignor to Aktiebolaget Elektrolux, Stockholm, Sweden. High voltage generator. 2,148,064; Feb. 21.
Fahlen, Frederick T., Maricopa County, Ariz. Twin single-trigger device. 2,172,702; Sept. 12.
Fahr, George E., and A. C. Kerkhof, Minneapolis, Minn. Vaporizer. 2,181,421; Nov. 28.
Fahrenhorst, Wolfgang. (See Winter, H., Fahrenhorst, and Schmid.)
Fahrenwald, Arthur W., Moscow, Idaho. Crushing mill. 2,147,833; Feb. 21.
Fahrenwald, Frank A., Chicago, Ill. Furnace conveyer. 2,173,682; Sept. 19.
Fahrenwald, Frank A., Harvey, Ill., and N. F. Parkinson and G. H. Barnes, assignors to International Titanium Limited, Toronto, Ontario, Canada. Electrostatic separation. 2,180,804; Nov. 21.
Fahrney, Delmer S., U. S. Navy. Extension wing flap. 2,142,123; Jan. 3.
Fahrney, Delmar S., U. S. Navy. Air cooled in-line engine. 2,145,253; Jan. 31.
Fahrney, Delmer S., U. S. Navy. Slot foil aircraft wing. 2,172,370; Sept. 12.
Fahrney, Delmer S., U. S. Navy. Aircraft wing. 2,173,832; Sept. 26.
Fahrney, Delmer S., U. S. Navy. Rotary internal combusion engine. 2,180,352; Nov. 21.
Fahrney, Delmer S., U. S. Navy. Aircraft. 2,183,555; Dec. 19.
Faigle, Arthur A., assignor to Zelda Radow Salon of Body Sculpture, Inc., New York, N. Y. Massage table. 2,184,418; Dec. 26.
Failing, George E., Supply Company, The. (See Caldwell, Walter T., assignor.)
Failla, Gioacchino, New York, N. Y. Electrotechnique. 2,145,866; Feb. 7.
Failla, Tony, Detroit, Mich. Adjustable ladder. 2,179,119; Nov. 7.
Failor, Charles W., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,144,529; Jan. 17.
Failor, Charles W., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,154,265; Apr. 11.
Failor, Charles W., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,169,603; Aug. 15.
Failor, Charles W., Forest Hills, assignor to the Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,175,597; Oct. 10.

Fair, Irvin E., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Oscillation generator. 2,151,754; Mar. 28.
Fair, R. W. (See Kliewer, Edward A., assignor.)
Fair, R. W., et al. (See Wettermark, Carl A., assignor.)
Fairbairn, Alasdair W. (See Engs, W., and Fairbairn.)
Fairbairn, George C., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Testing device. 2,150,545; Mar. 14.
Fairbairn, Robert L., Winnipeg, Manitoba, Canada. Control for accordions. 2,150,600; Mar. 14.
Fairbairn, Walter M. (See Johnson, A. M., and Fairbairn.)
Fairbank, Franklin N., assignor of one-sixth to H. Sears and one-sixth to E. D. Coffin, Hopedale, one-sixth to C. J. Shanahan, Milford, Mass., one-sixth to H. Malsch and one-sixth to E. T. Tighe, New Rochelle, N. Y. Machine for separating solid materials. 2,155,587; Apr. 25.
Fairbanks, E. and T., and Company. (See Hadley, Harlan A., assignor.)
Fairbanks, Henry N., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Closure means for a film magazine and arrangement for operating the same. 2,143,769; Jan. 10.
Fairbanks, Henry N., assignor to Eastman Kodak Company, Rochester, N. Y. Film advancing mechanism for motion picture apparatus. 2,153,142; Apr. 4.
Fairbanks, Henry N., assignor to Eastman Kodak Company, Rochester, N. Y. Locking device for cores in film magazines. 2,161,341; June 6.
Fairbanks, Henry N., assignor to Eastman Kodak Company, Rochester, N. Y. Motion picture apparatus. 2,165,363; July 11.
Fairbanks, Henry N., assignor to Eastman Kodak Company, Rochester, N. Y. Magazine ejectors. 2,183,529; Dec. 19.
Fairbanks, Henry N., and C. J. Hughey, assignors to Eastman Kodak Company, Rochester N. Y. Driving mechanism for motion picture apparatus. 2,165,362; July 11.
Fairbanks, Herbert K., Manchester, and H. Bachrach, Hartford, Conn. Float for use on fishing lines. 2,177,697; Oct. 31.
Fairbanks, Morse & Co. (See Anderson, Gordon R., assignor.)
Fairbanks, Morse & Co. (See Antonsen, Anker K., assignor.)
Fairbanks, Morse & Co. (See Davids, Hans, assignor.)
Fairbanks, Morse & Co. (See Engler, John L., assignor.)
Fairbanks, Morse & Co. (See Gebert, Sever C., assignor.)
Fairbanks, Morse and Company. (See Hadley, Harlan A., assignor.)
Fairbanks, Morse & Co. (See Hobart, Franklin G., assignor.)
Fairbanks, Morse & Co. (See Janda, Rudolph W., assignor.)
Fairbanks, Morse & Co. (See Macnabb, Vernon C.)
Fairbanks, Morse & Co. (See Pedersen, Tage V., assignor.)
Fairbanks, Morse & Co. (See Peters, Thomas B. R., assignor.)
Fairbanks, Morse & Co. (See Porter, Frederic P., assignor.)
Fairbourne, Arthur. (See Furness, R., and Fairbourne.)
Fairbrother, Jack A. V., Rugby, England, assignor to General Electric Company. Coating surfaces with powdered materials. 2,152,991; Apr. 4.
Fairchild Aerial Camera Corp. (See Rattray, George, assignor.)
Fairchild, Alice M., assignor to Sears, Roebuck & Co., Chicago, Ill. Catalytic body. 2,148,342; Feb. 21.
Fairchild, Dempsey W., Denver, Colo. Heat control for permanent-waving machines. 2,144,965; Jan. 24.
Fairchild, Dempsey W., Denver, Colo. Ear and neck protector. 2,149,210; Feb. 28.
Fairchild, E. E., Corporation. (See Gould, Edgar L., assignor.)
Fairchild, James T., West Van Lear, Ky. Angle-indicating device. 2,175,751; Oct. 10.
Fairchild, Polley & Eliel, Inc. (See Eliel, L. T., Polley, and Phillips, assignors.)
Fairclough & Gold. (See Stam, Jesse, assignor.)
Faires, Arthur W., L. E. Fine, and W. H. Green; M. Faires administratrix of A. W. Faires, deceased, said administratrix assignor to M. Faires, Wilkes-Barre, Pa. Electrical connector. 2,181,802; Nov. 28.
Faires, Martha, administratrix. (See Faires, A. W., Fine, and Green.)
Faires, William J., assignor of one-third to W. C. McFarland, and one-third to W. E. Weber, Chicago, Ill. Permanent hair waving apparatus and method. 2,145,045; Jan. 24.
Fairey Aviation Company Limited, The. (See Forsyth, A. G., and Smith-Pert, assignors.)
Fairey, Charles R., Hayes, England. Safety razor. 2,184,180; Dec. 19.
Fairfield, Thomas J. (See Beaver, C. J., and Fairfield.)
Fairfield Engineering Company, The. (See Haines, George H., assignor.)
Fairlie, William A. (See Steinhoff, John, assignor.)
Fairlie & Wilson Coal Company, The. (See Stahl, J., Reed, and Fischer, assignors.)
Fairmont Railway Motors, Inc. (See Protzeller, Harry W., assignor.)
Fair-Way Company. (See Neville, John F., assignor.)
Faiveley, Louis, Saint-Ouen, France. Constructing metal doors. 2,142,438; Jan. 3.
Falck, Fritz W., Los Angeles, Calif. Table marble game. 2,167,352; July 25.
Falco, John V., Everett, Mass. Air tempering unit. 2,145,621; Jan. 31.
Falcon, Jeronimo, Buenos Aires, Argentina. Convertible automobile body. 2,169,340; Aug. 15.
Falconbridge Nickel Mines, Limited. (See Gronningsaeter, Anton M., assignor.)
Falder, Leo F., et al. (See Vote, Rex W., assignor.)
Falge, Robert N., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Headlight tester. 2,144,838: Jan. 24.
Falge, Robert N., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Headlight tester. 2,176,215; Oct. 17.
Falge, Robert N., and G. W. Onksen, Jr., Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Headlight tester. 2,176,214; Oct. 17.
Falk, Arthur G., Chicago, Ill. Furniture. 2,145,238; Jan. 31.
Falk Corporation, The. (See Day, Percy C., assignor.)
Falk Corporation, The. (See Falk, H. W., and Henderson, assignors.)
Falk Corporation, The. (See Schmitter, W. P., and Wiken, assignors.)
Falk Corporation, The. (See Schmitter, Walter P., assignor.)
Falk Corporation, The. (See Slonneger, John C., assignor.)
Falk, Harry N., Chicago, assignor to Baxter Laboratories, Inc., Glenview, Ill. Closure for containers. 2,148,196; Feb. 21.
Falk, Herman W., and W. S. Henderson, assignors to The Falk Corporation, Milwaukee, Wis. Correlating gears. 2,142,723; Jan. 3.
Falk, Irving M. (See Albero, Andrew D., assignor.) assignor.)
Falkenberg, William P., assignor to Rayolite Rifle Range Company, Chicago, Ill. Electric rifle range. 2,159,141; May 23.
Falkenberg, William P., assignor to Rayolite Rifle Range Company, Chicago, Ill. Electric target practice game. 2,181,015: Nov. 21.
Falkoff, Harry S., Wooster, Ohio. Display device. 2,179,884: Nov. 14.
Falkner, Arthur B., Nashville, Tenn. Fishhook disgorging device. 2,164,907; July 4.
Fall, Albert P., Toledo, Ohio. Apparatus for truing pistons. 2,153,863; Apr. 11.
Fall, Albert P., Toledo, Ohio. Arm rest for motor vehicles. 2,184,181; Dec. 19.
Fallar, James, Forest Hills, N. Y. Necktie. 2,184,737; Dec. 26.
Faller, Ernest A., Brooklyn, N. Y. Control system and apparatus. 2,167,829; Aug. 1.
Fallon, John T., assignor of one-tenth to M. E. Anderson, Denver, Colo. Fuel combustion control system. 2,181,970; Dec. 5.
Falls, Olive, Chicago, Ill. Container for termites. 2,151,589; Mar. 21.
Faloon, Dalton B., assignor to Hammond Paint & Chemical Co., Inc., Beacon, N. Y. Oxidation inhibitor for insecticides. 2,144,366; Jan. 17.
Faloon, Dalton B., assignor to Hammond Paint & Chemical Co., Inc., Beacon, N. Y. Oxidation inhibitor for insecticides. 2,144,367; Jan. 17.
Faloon, Dalton B., assignor to Hammond Paint & Chemical Co., Inc., Beacon, N. Y. Oxidation inhibitor for insecticides. 2,144,368; Jan. 17.
Faloon, Dalton B., assignor to Hammond Paint & Chemical Co., Inc., Beacon, N. Y. Oxidation inhibitor for insecticides. 2,144,369; Jan. 17.
Faloon, Dalton B., assignor to Hammond Paint & Chemical Co., Inc., Beacon, N. Y. Insecticide. 2,168,064; Aug. 1.
Fanelli, Rocco. (See Bacon, R. F., and Fanelli.)
Fanner Manufacturing Company, The. (See Gibson, Samuel H., assignor.)
Fanning, John J., Brooklyn, N. Y. Luggage latch device. 2,169,875; Aug. 15.
Fanning, Wilbur A., Forest Park, assignor to Kinkead Industries Incorporated, Chicago, Ill. Extensible carpet stretcher. 2,160,134; May 30.
Fanning, Wilbur A., Forest Park, Ill. Tool for marking linoleum and the like. 2,176,733; Oct. 17.
Fansteel Metallurgical Corporation. (See Van Note, Lillian M., assignor.)
Fanzoi, John. (See Rhodes, M. H., and Fanzoi.)
Farastan Company, The. (See Ebert, Joseph, assignor.)
Farbenindustrie Aktiengesellschaft. (See Eggert, J., and Heymer, assignors.)
Farbenindustrie Aktiengesellschaft. (See Petersen, Karl W., assignor.)
Farber, Samuel, Newport, Ky. Valve lock. 2,161,509; June 6.
Farber & Shlevin, Inc. (See Shlevin, Clarence J., assignor.)
Farhar, John A., Bell, Calif. Beach umbrella. 2,183,833; Dec. 19.
Faries Manufacturing Company. (See Dickerson, Bert A., assignor.)

Farineau, Alfred J., assignor of one-fifth to R. M. Kuhn and one-fifth to R. C. Corey, Pittsburgh, Pa. Carburetor. 2,150,764; Mar. 14.
Farkas, Joseph. (See Reisinger, G., and Farkas.)
Farkas, Pierre, Paris, France. Brake adjusting device. 2,146,207; Feb. 7.
Farkas, Pierre, Paris, France. Drum brake for automobile vehicles. 2,146,208; Feb. 7.
Farley, Jesse K., Jr., Evanston, Ill. Making candy creams. 2,146,178; Feb. 7.
Farley Machine Works Co, The. (See Redell, W. A., and Wiley, assignors.)
Farley, William R., Wilkinsburg, Pa., A. L. Atherton, Longmeadow, Mass., and O. Gonano, assignors to Wstinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrode control for searchlights. 2,184,765; Dec. 26.
Farlin, Helmar, Clatskanie, Oreg. Shoe attachment. 2,179,178; Nov. 7.
Farmer, Alice S., New Haven, Conn. Lip shield. 2,142,638; Jan. 3.
Farmer, Arthur J., deceased, Chicago, Ill.; M. J. O'Brien administrator. Packet for safety razor blades. 2,158,049; May 9.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Self-locking angle cock. 2,147,287; Feb. 14.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic brake. 2,147,296; Feb. 14.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Insect excluder. 2,148,737; Feb. 28.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Friction brake. 2,151,843; Mar. 28.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Friction brake. 2,151,844; Mar. 28.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Friction brake. 2,155,221; Apr. 18.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake device. 2,155,222; Apr. 18.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,159,787; May 23.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,159,788.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding Pa. Automatic train brake control. 2,159,789; May 23.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Slack adjuster. 2,163,396; June 20.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,165,999; July 11.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,166,000; July 11.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,166,001; July 11.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Strainer cleaning device. 2,170,082; Aug. 22.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Hand brake release control. 2,170,238; Aug. 22.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,170,239; Aug. 22.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Triple valve device. 2,173,936; Sept. 26.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Release insuring means. 2,173,937; Sept. 26.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Vehicle brake. 2,174,398; Sept. 26.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Vehicle brake. 2,174,401; Sept. 26.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Disk brake device. 2,174,402; Sept. 26.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Disk brake for railway vehicles. 2,174,403; Sept. 26.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,174,408; Sept. 26.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Testing device. 2,177,520; Oct. 24.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,177,961; Oct. 31.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Magnetic rail brake. 2,180,870; Nov. 21.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Speed controlled brake. 2,184,549; Dec. 26.
Farmer, Clyde C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Retardation controller. 2,184,550; Dec. 26.
Farmer, Clyde C., Pittsburgh, Pa., and A. B. Wood, assignors to The Anti-Freezer Company, Chicago, Ill. Antifreeze device. 2,147,288; Feb. 14.
Farmer, Clyde C., Pittsburgh, and E. E. Hewitt, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic Brake equipment. 2,147,297; Feb. 14.
Farmer, Clyde C., Pittsburgh, and G. W. Baugham, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,170,237; Aug. 22.
Farmer, Clyde C., Pittsburgh, and J. C. McCune, Edgewood, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,174,397; Sept. 26.
Farmer, Delbert L., Cincinnati, assignor to The Cincinnati Tool Company, Norwood, Ohio. Clamp. 2,168,257; Aug. 1.
Farmer, Ernest H., Hertfordshire, and H. P. Stevens and J. W. Rowe, London Bridge, assignors, by mesne assignments, to The British Rubber Producers' Research Association, London, England. Treatment of rubber. 2,171,395; Aug. 29.
Farmer, Frank T., and S. D. Loud, assignors to Worcester Lawn Mower Company, Worcester, Mass. Lawn mower. 2,177,628; Oct. 31.
Farmer, Fred, Brooklyn, N. Y., assignor to American Machine & Foundry Company. Reel support. 2,148,065; Feb. 21.
Farmer, Gordon C., Richlands, Va. Automatic blackboard eraser. 2,167,296; July 25.
Farmer, Jesse W., Elm City, N. C. Amusement apparatus. 2,147,526; Feb. 14.
Farmer, John F., Indianapolis, Ind. Adjustable grille. 2,183,331; Dec. 12.
Farner, Lewis S., New Kensington, Pa. Game indicator. 2,144,107; Jan. 17.
Farner, Lewis S., H. L. Beals, and A. A. Haladik, New Kensington, Pa. Bottle breaker. 2,167,040; July 25.
Farney, Leon W., Grantwood, N. J., assignor to Farney Tool & Machine Works, Inc., New York, N. Y. Bus bar and strip bender. 2,166,347; July 18.
Farney Tool & Machine Works, Inc. (See Farney, Leon W., assignor.)
Farnham, Ivan R., and R. J. Jauch, assignors, by mesne assignments, to The Wayne Pump Company, Fort Wayne, Ind. Pointer setting mechanism. 2,163,376; June 20.
Farnham, Paul O., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Automatic gain control. 2,153,747; Apr. 11.
Farnham, Paul O., Mountain Lakes, N. J., assignor to Radio Corporation of America. Receiver percentage modulation control circuit. 2,162,882; June 20.
Farnham, Paul O., Booton, N. J., assignor to Radio Corporation of America. Degenerative plate circuit detector network. 2,167,024; July 25.
Farnham, Thaddeus L., Pittsburgh, Pa., assignor to The Hydraulic Press Corporation, Inc., Wilmington, Del. Automatic feed control valve. 2,146,537; Feb. 7.
Farnsworth, Philo T., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Projection means. 2,143,145; Jan. 10.
Farnsworth, Philo T., San Francisco, Calif., assignor to Farnsworth Television Incorporated. Electron multiplication. 2,143,262; Jan. 10.
Farnsworth, Philo T., San Francisco, Calif., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Dissector tube. 2,153,918; Apr. 11.
Farnsworth, Philo T., San Francisco, Calif., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Means and method for transmitting synchronizing pulses in television. 2,155,479; Apr. 25.
Farnsworth, Philo T., San Francisco, Calif., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Cathode ray tube. 2,158,279; May 16.
Farnsworth, Philo T., San Francisco, Calif., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Absorption oscillator. 2,159,521; May 23.
Farnsworth, Philo T., Springfield Township, Montgomery County, Pa., assignor to Farnsworth Television & Radio Corporation, Dover, Del. Cathode ray tube. 2,149,045; Feb. 28.
Farnsworth, Philo T., Springfield Township, Montgomery County, Pa., assignor to Farnsworth Television & Radio Corporation, Dover, Del. Detector. 2,156,807; May 2.
Farnsworth, Philo T., Springfield Township, Montgomery County, Pa., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Two-stage electron multiplier. 2,161,620; June 6.
Farnsworth, Philo T., San Francisco, Calif., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Television method. 2,168,768; Aug. 8.

Farnsworth, Philo T., Springfield Township, Montgomery County, Pa., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Radio frequency multipactor amplifier. 2,172,152; Sept. 5.
Farnsworth, Philo T., Springfield Township, Montgomery County, Pa., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Self-energized alternating current multiplier. 2,174,487; Sept. 26.
Farnsworth, Philo T., Springfield Township, Montgomery County, Pa., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Oscillator. 2,174,488; Sept. 26.
Farnsworth, Philo T., Springfield Township, Montgomery County, Pa., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Operating electron multipliers. 2,180,279; Nov. 14.
Farnsworth, Philo T., Springfield Township, Montgomery County, Pa., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Cold cathode electron discharge tube. 2,184,910; Dec. 26.
Farnsworth, Philo T., San Francisco, Calif., and R. L. Snyder, Glasboro, N. J., assignors to Farnsworth Television Incorporated, San Francisco, Calif. Repeater. 2,143,146; Jan. 10.
Farnsworth, Philo T., San Francisco, Calif., and H. S. Bamford, Philadelphia, Pa., assignors, by mesne assignments to Farnsworth Television & Radio Corporation, Dover, Del. Producing incandescent images. 2,155,478; Apr. 25.
Farnsworth, Philo T., Springfield Township, Montgomery County, and B. C. Gardner, Philadelphia, Pa., assignors, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Producing an incandescent image. 2,179,086; Nov. 7.
Farnsworth, Philo T., Springfield Township, Montgomery County, Pa., and R. L. Snyder, Borough of Glasboro, N. J., assignors to Farnsworth Television & Radio Corporation, Dover, Del. Electron multiplier. 2,179,996; Nov. 14.
Farnsworth Television Incorporated. (See Farnsworth, Philo T., assignor.)
Farnsworth Television Incorporated. (See Farnsworth, P. T., and Snyder, assignors.)
Farnsworth Television Incorporated. (See Snyder, Richard L., assignor.)
Farnsworth Television & Radio Corporation. (See Farnsworth, Philo T., assignor.)
Farnsworth Television & Radio Corporation. (See Farnsworth, P. T., and Bamford, assignors.)
Farnsworth Television & Radio Corporation. (See Farnsworth, P. T., and Snyder, assignors.)
Farnsworth Television & Radio Corporation. (See Snyder, Richard L., assignor.)
Farnsworth Television & Radio Corporation. (See Sommers, Frank J., assignor.)
Farnsworth Television & Radio Corporation. (See Varian, Russell H., assignor.)
Farnum, Loring N., Pelham, N. Y. Shower bath. 2,162,804; June 20.
Farquhar, A. B., Co. (See Heim, Daniel C., assignor.)
Farr, Coy R., Detroit, Mich. Container construction. 2,145,077; Jan. 24.
Farr, Dexter, Ogden, Utah. Edible product. 2,168,980; Aug. 8.
Farr, Dexter, Ogden, Utah. Producing an edible product. 2,181,655; Nov. 28.
Farr, Fred D., Mamaroneck, assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Rack for magazines and the like. 2,163,027; June 20.
Farr, George F. (See Hayes, G., assignor.)
Farr, Herbert H., Alexander City, Ala., assignor to Ferro-Spun Corporation. Pipe molding apparatus. 2,142,096; Jan. 3.
Farr, Herbert H., Alexander City, Ala., assignor to Ferro-Spun Corporation. Sand lined centrifugal pipe mold. 2,142,097; Jan. 3.
Farr, Morrill N., assignor to Temperatair Incorporated, Los Angeles, Calif. Air conditioning apparatus. 2,162,805; June 20.
Farr, Warren H., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Heat treating machine tool. 2,182,799; Dec. 12.
Farr, Willard H. (See Le Fevre, A. W., Farr, Coxon, and Whitted.)
Farr, William W. (See Dean, A. G., and Farr.)
Farr, William W., Penn Valley, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle side bearing. 2,150,116; Mar. 7.
Farr, William W., Penn Valley, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle construction. 2,184,614; Dec. 26.
Farrand, Clair L., Larchmont, Mammaroneck, N. Y., assignor to Radio Corporation of America. Sound propagating device. 2,175,833; Oct. 10.
Farrell, Anna E., Seattle, Wash. Device for holding and curling hair. 2,178,748; Nov. 7.
Farrel-Birmingham Company. (See Banbury, Fernley H., assignor.)
Farrel-Birmingham Company. (See Kitchen, Harry E., assignor.)
Farrel-Birmingham Company. (See Kuhns, Austin, assignor.)
Farrel-Birmingham Company, Incorporated. (See Kuhns, A., and Gasser, assignors.)
Farrel-Birmingham Company. (See Schnuck, Carl F., assignor.)
Farrell, Francis J., Philadelphia, Pa. Road marker and applying the same. 2,180,105; Nov. 14.
Farrell, Francis J., Philadelphia, assignor to Farrell Safety Road Marker, Inc., Conshohocken, Pa. Road marker. 2,166,669; July 18.
Farrell, H. M., et al. (See Hunter, Ray, assignor.)
Farrell, James L., and G. A. Ibach, Whittenburg, Tex., assignors to Phillips Petroleum Company, Bartlesville, Okla. Treatment of hydrocarbons. 2,162,300; June 13.
Farrell, Joseph E., assignor to Automotive Devices Corporation, Washington, D. C. Electromagnetic switch device. 2,157,787; May 9.
Farrell, Lura B., Coshocton, Ohio. Ventilated back rest. 2,182,253; Dec. 5.
Farrell, Lura B., Coshocton, Ohio. Comfort bottle. 2,182,254; Dec. 5.
Farrell Manufacturing Company. (See Kuss, Ralph L., assignor.)
Farrell, Matthew, Middleport, Pa. Brake mechanism. 2,171,396; Aug. 29.
Farrell, Michael J., Atlantic Highlands, assignor of one-fourth to F. J. McKeever, Jersey City, N. J. Driving means for internal combustion engines. 2,165,791; July 11.
Farrell, Richard, Detroit, Mich. Speedometer drive. 2,180,511; Nov. 21.
Farrell, Roy C., et al. (See Clark, J. D., assignor.)
Farrell Safety Road Marker, Inc. (See Farrell, Francis J., assignor.)
Farrell, William E., Bethlehem, Pa. Weigh bucket. 2,159,689; May 23.
Farren, Pattie H., Walla Walla, Wash. Torque controlled clutch. 2,163,514; June 20.
Farrens, Edward F., assignor of forty per cent to R. Foo, Stockton, Calif. Clock. 2,180,627; Nov. 21.
Farrington, Bruce B. (See Neely, G. L., Kavanagh, and Farrington.)
Farrington, Charles E., Phoenixville, Pa. Drum agitator. 2,143,511; Jan. 10.
Farrington, Daniel W., Lynn, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Manufacture of footwear. 2,144,330; Jan. 17.
Farrington, John F., Flushing, N. Y., assignor to Hazeltine Corporation. Wave signaling system. 2,152,470; Mar. 28.
Farrington, John F., Flushing, N. Y., assignor to Hazeltine Corporation. High-frequency oscillator. 2,165,468; July 11.
Farrington, John F., Flushing, N. Y., assignor to Hazeltine Corporation. Frequency converter. 2,166,522; July 18.
Farrington, John F., Flushing, N. Y., assignor to Hazeltine Corporation. Variable selectivity radio receiver. 2,167,400; July 25.
Farris, Clayton, assignor to The Trucktor Corporation, Newark, N. J. Rocker arm construction. 2,151,755; Mar. 28.
Farrow, Cecil. (See Knerr, H. C., and Farrow.)
Farwell, Phillip, Sunapee, N. H. Saw file. 2,171,443; Aug. 29.
Fasce, Angelo, Genoa, Italy. Dining table. 2,171,084; Aug. 29.
Fasce, Egi V., and J. J. Owen, Baton Rouge, La., assignors to Standard Oil Development Company. Preparing alkyl sulphates. 2,170,401; Aug. 22.
Fasce, Egi V., and E. C. Rolfs, Jr., Baton Rouge, La., assignors to Standard Oil Development Company. Purification of alkyl sulphates. 2,178,786; Nov. 7.
Fasmer, John J., Aurora, Ill., assignor to Redler Conveyor Company, Quincy, Mass. Conveyer. 2,146,061; Feb. 7.
Fasold, George A. (See Greider, H. W., and Fasold.)
Fasold, George A., Cincinnati, Ohio, assignor to The Philip Carey Manufacturing Company. Making a siding strip. 2,164,508; July 4.
Fassel, Elgin G., Milwaukee, Wis. Photographic recording equipment. 2,177,135; Oct. 24.
Fassin, Gustave. (See Bausch, E., and Fassin.)
Fassnacht, Karl, Cranston, R. I., and L. W. Ballou, assignors to D. E. Makepeace Co., Attleboro, Mass. Bracelet structure and making the same. 2,180,980; Nov. 21.
Fast, Gustave, assignor to Gustave Fast Engineering Corporation, Annapolis, Md. Block bearing. 2,167,882; Aug. 1.
Fast, Gustave, Engineering Corporation. (See Fast, Gustave, assignor.)
Fast, Marion L., assignor to General Motors Corporation, Detroit, Mich. Internal combustion engine with blower. 2,164,451; July 4.
Fastener Corporation. (See Krantz, Edward, assignor.)
Fatkin, Edward S., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heat treating furnace. 2,175,834; Oct. 10.
Fator, Charles D., San Antonio, Tex. Brake neutralizing device. 2,143,871; Jan. 17.
Fatout, Herbert K., Indianapolis, Ind. Rug scrubber. 2,149,590; Mar. 7.
Fattinger, Hans, Stadl, at St. Ruprecht on the Raab, Styria, Austria. Stock food and producing the same. 2,170,713; Aug. 22.

Faucett, Irving T., Westerleigh, assignor to General Cable Corporation, New York, N. Y. Electric cable. 2,147,402; Feb. 14.
Faught, Sherman E., New Orleans, La. Gauge for setting printing press cylinders. 2,153,534; Apr. 11.
Faught, Sherman E., New Orleans, La. Setting gauge for resilient rollers of printing presses. 2,162,425; June 13.
Faulkner, Arnold, assignor to United Steel and Wire Company, Battle Creek, Mich. Securing means for meat molds. 2,166,429; July 18.
Faultersack, Hubert. (See Strauss, B. E., and Faultersack.)
Faultless Caster Corporation. (See Noelting, Clarence B. and W. H., assignors.)
Faultless Manufacturing Company, The. (See Hardie, H., and Hargreaves, assignors.)
Faure, Leonard L. (See De Groote, M., and Faure.)
Fauria, Arnold R., Los Angeles, Calif. Thimble. 2,155,536; Apr. 25.
Faus, Harold T., Lynn, Mass., assignor to General Electric Company. Remote indicator. 2,181,803; Nov. 28.
Fausek, Arthur J. and I. F., Clayton, Mo. Multistage pressure regulator. 2,160,849; June 6.
Fausek, Irwing F. (See Fausek, Arthur J. and I. F.)
Fausel, Charles A., Glen Ridge, N. J. Weighing and sorting machine. 2,178,203; Oct. 31.
Fauser, Giacomo, Novara, assignor to Montecatini, Società Generale per l'Industria Mineraria ed Agricola, Milan, Italy. Preparation of ammonium nitrate. Re. 21,217; Sept. 26.
Fauss, Daniel L., assignor of forty-eight per cent to W. P. Werme, Pittsburgh, Pa. Mouthpiece for reed musical instruments. 2,181,880; Dec. 5.
Fausse, Joseph, Melrose, assignor, by mesne assignments, to The Littleway Process Company, Boston, Mass. Method and apparatus for use in lasting shoes. 2,182,491; Dec. 5.
Faust, Carl E., Chicago, Ill. Automatic phonograph. 2,153,864; Apr. 11.
Faust, Frederick A., assignor to The Bristol Company, Waterbury, Conn. Automatic temperature control system. 2,170,402; Aug. 22.
Faust, Fritz M. (See Sommer, V., Roberts, and Faust.) Chicago, Ill. Package and method of and means for making the same. 2,177,698; Oct. 31.
Faust, Jacob, Belleville, N. J., assignor to L. Sonneborn Sons, Inc. Stabilized petroleum oil distillates. 2,160,851; June 6.
Faust, Lawrence Y., Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y. Subsurface exploration. 2,149,427; Mar. 7.
Faust, Lawrence Y., Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y. Subsurface seismic surveying. 2,156,624; May 2.
Favaron, Aldo, assignor to the firm "Fidenza" Società Anonima Vetraria, Milan, Italy. Glass slab for the construction of walls and illuminated covers. 2,168,287; Aug. 1.
Favata, Philip, New York, N. Y. Apparatus for skirt cutting means. 2,176,252; Oct. 17.
Fawcett, Eric W., R. O. Gibson, and M. W. Perrin, Northwich, England, assignors to Imperial Chemical Industries Limited. Polymerization of olefins. 2,153,553; Apr. 11.
Fawcett, Eric W., R. O. Gibson, and M. W. Perrin, Winnington, Northwich, England, assignors to Imperial Chemical Industries Limited. Manufacture of polymerized drying oils. 2,155,009; Apr. 18.
Fawcett, Eric W., Northwich, England, assignor to Imperial Chemical Industries Limited. Halogenated solid ethylene polymer. 2,183,556; Dec. 19.
Fawcett, Harold W., Harrogate, England. Centrifugal cream separator. 2,173,579; Sept. 19.
Fawcett, Harold W., Harrogate, England. Centrifugal separator. 2,173,580; Sept. 19.
Fawcett, Harold W., Harrogate, England. Centrifugal separator. 2,173,581; Sept. 19.
Fawcett, Jack O., assignor to Gartner and Bender, Inc., Chicago, Ill. Display device. 2,154,087; Apr. 11.
Fawick, Thomas L. (See Young, W. T., and Fawick.)
Fawick, Thomas L., Akron, Ohio, assignor to Industrial Clutch Company, Waukesha, Wis. Control for transmissions. 2,147,694; Feb. 21.
Fawkes, Charles E. (See Gayer, F. H., and Fawkes.)
Fawkes, Charles E., Chicago, Ill., and G. P. Heppes, Upper Montclair, N. J., assignors to The Tile-Tex Company, Chicago Heights, Ill. Manufacture of mastic tile. 2,145,648; Jan. 31.
Fawley, Granville B., Cootes Store, assignor of one-fourth to G. S. Aldhizer, Harrisonburg, Va. Road oiling machine. 2,152,407; Mar. 28.
Fawthrop, William D., assignor to I. F. Laucks, Inc., Seattle, Wash. Adhesive and making the same. 2,164,269; June 27.
Fay, Clifford E., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency changer. 2,162,806; June 20.
Fay, Edward F., assignor to Norma-Hoffman Bearings Corp., Stamford, Conn. Antifriction bearing. 2,173,250; Sept. 19.
Fay, Horace B. (See Quinn, Nelson J., assignor.)

Fay, James E., Middletown, and E. Reed, Zanesville, assignors to The American Rolling Mill Company, Middletown, Ohio. Welding process and apparatus for thin sheet metal. 2,172,080; Sept. 5.
Fay, James E., Middletown, and E. Reed, Zanesville, assignors to The American Rolling Mill Company, Middletown, Ohio. Process and apparatus for securing accurately butted sheet ends for welding. 2,172,081; Sept. 5.
Fay, Joseph W., Villa Park, assignor to Peck-O-Fun Co., Chicago, Ill. Package and method of and means for making the same. 2,177,698; Oct. 31.
Fayerweather, Neuman H., assignor to Frober Faybor Company, Cleveland, Ohio. Sector disk operating mechanism. 2,166,947; July 25.
Fazioli, Jeremiah J., Hartford, Conn. Tennis playing machine. 2,155,480; Apr. 25.
Feather, David C., assignor to N. and F. Corporation, Portland, Oreg. Pencil holder. 2,162,914; June 20.
Featherston, Milo G., Lexington, Ky. Wire splicer. 2,153,079; Apr. 4.
Febrey, Harold H., South Orange, N. J., assignor to The Rails Company, New Haven, Conn. Rail fastening. 2,158,057; May 16.
Febrey, Harold H., South Orange, N. J., assignor to The American Steel and Wire Company of New Jersey. Installing rail bonds. 2,162,164; June 13.
Febrey, Harold H., South Orange, N. J., assignor to The American Steel and Wire Company of New Jersey. Stud terminal for rail bonds. 2,172,278; Sept. 5.
Fechheimer, Paul R., assignor to The Karl Kiefer Machine Company, Cincinnati, Ohio. Filling machine of the continuous variety. 2,184,117; Dec. 19.
Fechtenburg, Jörgen F. H., Cheltenham Township, Montgomery County, Pa. Vacuum nozzle. 2,153,457; Apr. 4.
Fedak, Malcolm, Chicopee, Mass. Adjustable golf club head. 2,175,598; Oct. 10.
Fedden, Alfred H. R., and H. L. Milner, Bristol, assignors to Rotol Airscrews Limited, Gloucester, England. Air screw for aircraft. 2,147,336; Feb. 14.
Fedden, Alfred H. R., and J. L. Norton, assignors to The Bristol Aeroplane Company Limited, Bristol, England. Friction clutch. 2,178,017; Oct. 31.
Fedders Manufacturing Company. (See Lear, Joseph D., assignor.)
Fedders Manufacturing Company, Inc. (See Minkel, Frank J., assignor.)
Fedders Manufacture Company. (See Przyborowski, Stanislaus, assignor.)
Fedders Manufacturing Company. (See Smith, Lawrence C., assignor.)
Federal Carton Corporation. (See Rous, Arthur, assignor.)
Federal Cartridge Corporation. (See Appleby, James P., assignor.)
Federal Electric Company. (See Scott, William W., assignor.)
Federal Enameling & Stamping Company. (See Wilcox, Albert C., assignor.)
Federal Foundry Supply Company, The. (See Hasman, James, assignor.)
Federal Machine and Welder Company, The. (See Probeck, Armand A., assignor.)
Federal-Mogul Corporation. (See Darby, E. R., Barera, and Potter, assignors.)
Federal-Mogul Corporation. (See McAfee, William M., assignor.)
Federal Mogul Corporation. (See Meyer, Theodore F. W., assignor.)
Federal Products Corporation. (See Street, Chauncey C., assignor.)
Federal Telegraph Company. (See Byrne, Paul F., assignor.)
Federal Telegraph Company. (See Romander, Hugo, assignor.)
Federal Telegraph Company. (See Royden, George T., assignor.)
Federal Telegraph Company. (See Wagner, Stephan R., assignor.)
Federmann, Wolfgang. (See Schriever, O., and Federmann.)
Federmann, Wolfgang, R. Andrieu, and F. Heidenreich, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Deflection coil. 2,172,733; Sept. 12.
Fedje, Ida J., Berwick, N. Dak. Potato ricer and press for fruits and vegetables. 2,160,329; May 30.
Fedor, Andrew, Jr., Fairfield, Conn. Window lock. 2,145,112; Jan. 24.
Fedotoff, Nicholas V., Lynbrook, N. Y. Automatic photographic shutter. 2,179,717; Nov. 14.
Fedotoff, Nicholas V., Lynbrook, N. Y. Automatic camera shutter device. 2,179,718; Nov. 14.
Feemster, W. R. (See Nichols, Otto M., assignor.)
Feerick, Jay, Oakland, and W. R. Smyth, Hayward, assignors of one-third to E. E. Dunstan, Oakland, Calif. Motor clutch and transmission mechanism. 2,174,259; Sept. 26.
Fegley, Thomas J., Jenkintown, and G. O. Leopold, assignors to North Bros. M'f'g Co., Philadelphia, Pa. Ice breaker. 2,174,461; Sept. 26.
Fehrle, Alfred. (See Streitwolf, K., Fehrle, and Herrmann.)

Feicht, Robert N., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,171,110; Aug. 29.
Feichter, Harold R., assignor to United States Quarry Tile Company, Canton, Ohio. Ceramic manufacture. 2,156,149; Apr. 25.
Feige, Kurt H., Chicago, Ill. Ventilating device. 2,174,975; Oct. 3.
Feige, Rudolf, Tel Aviv, Palestine. Hat. 2,181,180; Nov. 28.
Feigel, George R., Chicago, Ill., assignor of twenty per cent to McLaughlin & Wallenstein, Chicago, Ill. Gear abutment eliminator. 2,180,290; Nov. 14.
Feigelson, Alexander, Beaumont, Tex. Dump trailer. 2,182,077; Dec. 5.
Feigh, Glenn H., assignor to W. W. Elliotson, Chicago, Ill. Piston ring remover. 2,160,652; May 30.
Feighan, Edward M., Euclid, assignor to The Josam Manufacturing Company, Cleveland, Ohio. Check valve mechanism. 2,172,371; Sept. 12.
Feiks, Alma, New York, N. Y. Safety cock. 2,158,574; May 16.
Feilcke, Karl, Indianapolis, Ind. Control mechanism for motor vehicles. 2,152,543; Mar. 28.
Feild, Theophilus A., Jr. (See Rugeley, E. W., Feild, and Conlon.)
Feiler, Edmond J., Madison, Wis. Combined weather strip and window guide. 2,183,476; Dec. 12.
Feinberg, Archie, Chicago, Ill., assignor to United States Air Conditioning Corporation, Minneapolis, Minn. Air conditioning apparatus. 2,143,979; Jan. 17.
Feinberg, Archie, assignor to United States Air Conditioning Corporation, Minneapolis, Minn. Dual deflector arrangement for ventilating systems. 2,158,413; May 16.
Feinbloom, William, New York, N. Y. Method of and means for making contact lenses. 2,178,873; Nov. 7.
Feind, Raymond A. (See Hepp, A. J., and Feind.)
Feiss, Mary H., Brookline, Mass. Support for pamphlets. 2,159,262; May 23.
Feit, Abraham, Brooklyn, N. Y. Pocket. 2,165,843; July 11.
Fejmert, Erik V. C., Nykoping, Sweden. Apparatus for making hollow bodies of plastic material. 2,163,118; June 20.
Felcher, Fred R., Chicago, Ill. Making artificial teeth. 2,181,694; Nov. 28.
Feld, Mayer, Valley Stream, N. Y. Liquid dispensing container. 2,167,448; July 25.
Feldbush, Harry A., Short Hills, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Brew cooling apparatus. 2,153,980; Apr. 11.
Feldman, Jacob C., Boston, assignor to New England Bedding Company, Medford, Mass. Couch bed. 2,144,651; Jan. 24.
Feldman, Jerome J., New York, N. Y. Hair curler. 2,154,501; Apr. 18.
Feldman, Max. (See Ranko, L. A., and Feldman.)
Feldmeier, Harvey, deceased, by Cherry-Burrell Corp., assignee, Little Falls, N. Y. Heat exchange device. Re. 21,276; Nov. 21.
Feldspathic Research Corporation. (See Greaves-Walker, A. F., and Stone, assignors.)
Feldstein, Henry H. (See Grill, H. E., and Feldstein.)
Feldstein, Stanley N., Chicago, Ill. Door check deodorizing spray. 2,178,888; Nov. 7.
Feldt, Adolf, Berlin-Charlottenburg, K. Schöllkopf, Berlin-Dahlem, and A. Schmitz, Berlin-Friedenau, Germany. Therapeutically valuable gold compounds and producing the same. 2,166,133; July 18.
Feldtkeller, Carl L., assignor to Solar Corporation, Milwaukee, Wis. Battery terminal. 2,148,738; Feb. 28.
Felix, Friedrich, Basel, R. von Capeller, Riehen, near Basel, and W. Huber, assignors to Society of Chemical Industry in Basle, Basel, Switzerland, Mono-amino-mono-azo dyestuffs. 2,147,338; Feb. 14.
Felix, Friedrich, and W. Huber, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Mono-azo dyestuffs. 2,155,755; Apr. 25.
Felix, Friedrich, and R. Ruegg, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Condensation products from cyano-acetic acid arylides. 2,166,487; July 18.
Felix, Friedrich, Basel, and R. von Capeller, Riehen, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs. 2,177,427; Oct. 24.
Felix, Friedrich, Basel, P. Grossmann, Binningen, and M. Bommer, Riehen, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. α-amino-anthraquinones and making same. 2,180,805; Nov. 21.
Fellegi, Margit, assignor to West Coast-Manchester Mills, Inc., Los Angeles, Calif. Sewing of fabrics. 2,165,469; July 11.
Feller, John E. O., Canton, Ohio. Film winding apparatus. 2,182,723; Dec. 5.
Fellers, William M., Newtown Square, Pa. Aircraft cowling. 2,177,642; Oct. 31.
Fellmer, Ernst, Leverkusen-I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs containing a heavy metal in a complex form. 2,175,187; Oct. 10.
Fellmer, Ernst, G. Mauthe, and H. Noerr, Leverkusen-I. G.-Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,147,834; Feb. 21.
Fellows Gear Shaper Company, The. (See Hamilton, Douglas T., assignor.)
Fellows Gear Shaper Company, The. (See Miller, Edward W., assignor.)
Fellows, Harrison E. (See Byerlein, E. J., and Fellows.)
Fellows, Julian R., Urbana, Ill. Down-draft burner. 2,155,120; Apr. 18.
Fellows, Roy S., and E. O. Immel, Eugene, Oreg. Anti-closure. 2,145,758; Jan. 31.
Fellows, Roy S., and E. O. Lmmel, Eugene, Oreg. Anti-siphon device for fuel tanks. 2,145,759; Jan. 31.
Felt & Tarrant Mfg. Co. (See Niemann, F. A., and Turck, assignors.)
Felten & Guilleaume Carlswerk Actien-Gesellschaft. (See Braun, Alfred, assignor.)
Felton & Guilleaume Carlswerk Actien-Gesellschaft. (See Unterbusch, Franz, assignor.)
Felton, William, Bradford Moor, Bradford, assignor to David Crabtree and Son Limited, Bradford, England. Weft inserting mechanism for looms. 2,149,428; Mar. 7.
Fend, Kurt, Pforzheim, Germany. Interchangeable lead pencil. 2,163,515; June 20.
Fend, Kurt, Pforzheim, Germany. Pressure feed pencil. 2,184,911; Dec. 26.
Fenn, Edward H., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Spark plug. 2,155,481; Apr. 25.
Fenn, Howard N. (See Bass, S. L., Fenn, and Peterson.)
Fenn, Howard N. (See Peterson, F. C., and Fenn.)
Fenn, John F., and J. Henchert, Chicago, Ill., assignors to Continental Can Company, Inc., New York, N. Y. Sheet metal container. 2,184,039; Dec. 19.
Fenner, Robert C., Evanston, assignor to Dixie-Vortex Company, Chicago, Ill. Container and making the same. 2,176,216; Oct. 17.
Fenoglio, Rudolph A. (See Buccicone, D., and Fenoglio.)
Fenske, Merrell R. (See Andrews, C. E., and Fenske.)
Fenske, Merrell R. (See McCluer, W. B., and Fenske.)
Fenske, Merrell R., State College, Pa., assignor to Pennsylvania Petroleum Research Corporation. Dewaxing mineral oils. 2,176,623; Oct. 17.
Fenske, Merrell R., assignor to The Pennsylvania Research Corporation, State College, Pa. Process and apparatus for fractionating. 2,180,512; Nov. 21.
Fenske, Merrell R., and W. B. McCluer, State College, Pa., assignor to Pennsylvania Petroleum Research Corporation. Apparatus for treating mineral oils. 2,147,786; Feb. 21.
Fenske, Merrell R., and W. B. McCluer, State College, Pa., assignors to Pennsylvania Petroleum Research Corporation. Treating mineral oils. 2,176,396; Oct. 17.
Fenske, Merrell R., State College, and W. B. McCluer, Bradford, Pa., assignors to Pennsylvania Petroleum Research Corporation. Apparatus and process for flashing mineral oils. 2,183,094; Dec. 12.
Fenstermacher, Clayton A., assignor to Schuylkill Hosiery Mills, Inc., Reading, Pa. Added thread-feeding attachment for circular knitting machines. 2,160,614; May 30.
Fenton, Alvin L., Omaha, Nebr. Pencil sharpener. 2,152,545; Mar. 28.
Fenton, Ray M., Shaker Heights, Ohio. Method of and apparatus for cleaning metallic sheets. 2,158,694; May 16.
Fentress, James, Hubbard Woods, Ill., and A. Dreyer, Lucerne, Switzerland, assignors to Chicago Metal Hose Corporation, Maywood, Ill. Tube forming tool. 2,145,867; Feb. 7.
Fentress, James, Hubbard Woods, Ill., and A. Dreyer, Lucern, Switzerland, assignors to Chicago Metal Hose Corporation, Maywood, Ill. Apparatus and method for corrugating metal tubing. 2,157,598; May 9.
Fentress, James, Hubbard Woods, assignor to Chicago Metal Hose Corporation, Maywood, Ill. Hose connection and making same. 2,172,532; Sept. 12.
Feragen, A. E., Inc. (See Bennett, Claude C., assignor.)
Ferari, Louis J., Chicago, Ill. Excavator and loader. 2,146,807; Feb. 14.
Ferenci, Lester, Brooklyn, N. Y., assignor to American Machine & Foundry Company. Bread slicer. 2,167,108; July 25.
Fergueson, Arthur P., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Tire cover. 2,147,020; Feb. 14.
Fergueson, Arthur P., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Hand brake lever. 2,157,850; May 9.
Fergueson, Arthur P., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Fender skirt locking mechanism. 2,181,367; Nov. 28.
Fergueson, Arthur P., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Variable ratio brake lever. 2,184,294; Dec. 26.
Ferguson, Alexander D., Michigan City, Ind., assignor to Sullivan Machinery Company. Pumping apparatus. 2,181,127; Nov. 28.
Ferguson, Andrew W. (See Snyder, C. H., and Ferguson.)
Ferguson, Carl S., Needham, Mass. Removing from wool certain other fibers. 2,152,640; Apr. 4.

Ferguson, Charles A., North East, Md. Bearing. 2,147,787; Feb. 21.
Ferguson, Frank. (See Ziefiler, R. A., and Ferguson.)
Ferguson, George K. S., assignor to The Baltimore Paper Box Company, Baltimore, Md. Reinforced receptacle. 2,170,714; Aug. 22.
Ferguson, J. L., Company. (See Ferguson, John L., assignor.)
Ferguson, J. L., Company. (See Talbot, Richard C., assignor.)
Ferguson, John H., Grandville, Mich. Safety attachment for punch presses. 2,182,918; Dec. 12.
Ferguson, John L., assignor to J. L. Ferguson Company, Joliet, Ill. Conveyer. 2,155,306; Apr. 18.
Ferguson, John L., assignor to J. L. Ferguson Company, Joliet, Ill. Marking device. 2,172,318; Sept. 5.
Ferguson, John M. (See Watson, T. G. W., and Ferguson.)
Ferguson, Lawrence T., North Platte, Nebr. Switch point lock. 2,177,802; Oct. 31.
Ferguson, La Verne F., Pecatonica, Ill. Battery case for automobiles. 2,159,890; May 23.
Ferguson, Llewellyn R., Le Roy, assignor, by mesne assignments, to General Foods Corporation, New York, N. Y. Food product. 2,178,569; Nov. 7.
Ferguson, Malcolm P. (See McGrath, W. L., Ferguson, Whitney, and Wertz.)
Ferguson, William, Philadelphia, Pa., assignor to National Airoil Burner Company, Incorporated. Burning fluid fuel. 2,160,615; May 30.
Ferguson, William C., St. Louis, Mo. Insulating material in gel form. 2,142,584; Jan. 3.
Ferguson, William P. (See Donahue, P. F., and Ferguson.)
Ferich, Samuel, Gary, Ind. Safety razor. 2,150,056; Mar. 7.
Ferla, John, New York, N. Y. Treating composition boards. 2,156,382; May 2.
Ferla, John, New York, N. Y. Method of and apparatus for treating boards of composition material. 2,156,383; May 2.
Ferla, John, Chicago, Ill., assignor to L. H. Blouch, Merchantville, N. J. Producing fibrous cementitious tubes. 2,177,643; Oct. 31.
Ferlay, Paul. (See Jonville, C., and Ferlay.)
Ferlin, Dale E., Meadville, Pa. Combination wrench and slide feeler gauge. 2,184,340; Dec. 26.
Ferm, John F. (See Ross, F. N., Scoutten, and Ferm.)
Ferm, John F., Midland, Pa., assignor to Mid-West Forge Company, Cleveland, Ohio. Apparatus for making roll-forged articles. 2,183,557; Dec. 19.
Fernández, Manuel D., Habana, Cuba. Electric lamp. 2,161,621; June 6.
Fernberg, Eric B., Pinner, England. Fastener. 2,150,497; Mar. 14.
Ferngren, Enoch T., Toledo, Ohio, assignor, by mesne assignments, to Plax Corporation, Hartford, Conn. Method and apparatus for sealing hood caps to bottles. 2,145,975; Feb. 7.
Ferngren, Enoch T., Toledo, Ohio, assignor, by mesne assignments, to Plax Corporation, Hartford, Conn. Making plastic film articles. 2,178,393; Oct. 31.
Ferngren, Enoch T., Toledo, Ohio, assignor, by mesne assignments, to Plax Corporation, Hartford, Conn. Method and apparatus for applying hood caps to bottles. 2,182,472; Dec. 5.
Ferngren, Enoch T., Little Neck, N. Y., assignor to Fernplas Corporation, Toledo, Ohio. Method of and apparatus for coating articles by dipping. 2,165,364; July 11.
Ferngren, Enoch T., Jackson Heights, Long Island, N. Y., assignor, by mesne assignments, to Plax Corporation, Hartford, Conn. Process and apparatus for working organic plastic material and producing containers therefrom. 2,175,053; Oct. 3.
Ferngren, Enoch T., Little Neck, N. Y., and W. H. Kopitke, West Hartford, assignors to Plax Corporation, Hartford, Conn. Apparatus for forming hollow articles from organic plastic material. 2,175,054; Oct. 3.
Fernplas Corporation. (See Ferngren, Enoch T., assignor.)
Fernseh A. G. (See Bünger, W., and Langenwalter, assignors.)
Fernseh, A. G. (See Ruska, Ernst, assignor.)
Fernseh A.-G. (See Schiff, Ludwig, assignor.)
Fernseh Aktiengesellschaft. (See Bähring, Herbert, assignor.)
Fernseh Aktiengesellschaft. (See Behne, R., and Hinderer, assignors.)
Fernseh Aktiengesellschaft. (See Brauer, G., and Ruska.)
Fernseh Aktiengesellschaft. (See Dillenburger, Wofgang, assignor.)
Fernseh Aktien-Gesellschaft. (See Flechsig, W., and Behne, assignors.)
Fernseh Aktiengesellschaft. (See Günther, Johannes, assignor.)
Fernseh Aktiengesellschaft. (See Langenwalter, H-W., and Ruska, assignors.)
Fernseh Aktiengesellschaft. (See Möller, Rolf, assignor.)
Fernseh Aktiengesellschaft. (See Möller, R., and Ruska, assignors.)
Fernseh Aktiengesellschaft. (See Ruska, Ernst, assignor.)
Fernseh Aktiengesellschaft. (See Schubert, Georg, assignor.)
Fernseh Aktiengesellschaft. (See Schubert, G., Knick, and Ruska, assignors.)
Fernseh Aktiengesellschaft. (See Schunack, Johannes, assignor.)
Fernseh Aktiengesellschaft. (See Schwartz, Erich, assignor.)
Fernseh Aktiengesellschaft. (See Schwartz, E., and Wellmann, assignors.)
Fernseh Aktiengesellschaft. (See Strübig, Heinrich, assignor.)
Fernstrom, Charles, Oak Island, Minn., assignor of one-half to C. A. Johnson, L. Aanerud, and G. Stokes, Chicago, Ill. Attachment for fishing lines. 2,181,317; Nov. 28.
Fer-O-Con Corporation. (See Kotrbaty, Guy F., assignor.)
Ferodo and Asbestos Inc. (See Teetsel, Alvin C., assignor.)
Ferrall, Thomas L. (See Roberts, E. W., and Ferrall.)
Ferranti Electric Inc. (See Taylor, Maurice K., assignor.)
Ferranti, Elmer, assignor of ten per cent to A. Mainardi, Paterson, and forty per cent to C. E. Puco, Totowa Borough, N. J. Method of and device for continuous dyeing. 2,148,611; Feb. 28.
Ferrante, Joseph C., Bronx, N. Y. Synchronous converter control system. 2,170,816; Aug. 29.
Ferrara, John, Rochester, N. Y. Channel cutter attachment. 2,148,546; Feb. 28.
Ferrari, Abele, M. Scalione, and C. Rafanelli, Healdsburg, Calif. Juice extracting machine. 2,172,790; Sept. 12.
Ferrari, André, Saint-Victor-sur-Rhins, France. Manufacture of a parachute surface. 2,164,704; July 4.
Ferraro, Gilio, Hollister, Calif. Disk ridger. 2,152,347; Mar. 28.
Ferree, Clifford. (See Gorman, R. S., and Graham, assignors.)
Ferree, Jay W., Pittsburgh, Pa. Pig casting machine. 2,167,883; Aug. 1.
Ferrel, Clyde B., San Francisco, Calif. Scabbard. 2,145,078; Jan. 24.
Ferrell, Enoch B., Oakhurst, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Modulating system. 2,159,020; May 23.
Ferrero, Pasquale. (See Calcaterra, J. P., and Ferrero.)
Ferrex Corporation. (See Gersman, Harvey M., assignor.)
Ferris, Laurence W., Hyattsville, Md. Elevating apparatus. 2,181,881; Dec. 5.
Ferris, Robert G., assignor to Starline Inc., Harvard, Ill. Insulated bearing for revolving head ventilators. 2,142,724; Jan. 3.
Ferris, Robert G., assignor to Starline, Inc., Harvard, Ill. Litter carrier. 2,144,452; Jan. 17.
Ferris, Robert G., Harvard, Ill., assignor to Starline, Inc. Hanger. 2,151,590; Mar. 21.
Ferris, Robert G., Harvard, Ill., assignor to Starline, Inc. Hay carrier. 2,151,591; Mar. 21.
Ferris, Seymour W. (See Brownscrombe, E. R., and Ferris.)
Ferris, Seymour W., Aldan, assignor to The Atlantic Refining Company, Philadelphia, Pa. Hydrocarbon oil treatment. 2,151,592; Mar. 21.
Ferris, Seymour W., assignor to The Atlantic Refining Company, Philadelphia, Pa. Hydrocarbon oil extraction. 2,157,821; May 9.
Ferris, Seymour W., Aldan, assignor to The Atlantic Refining Company, Philadelphia, Pa. Purification of waxes. 2,168,330; Aug. 8.
Ferris, Walter, Milwaukee, Wis. Sectional drive. 2,143,147; Jan. 10.
Ferris, Walter, Milwaukee, Wis. Sectional drive. 2,163,672; June 27.
Ferris, Walter, assignor to The Oilgear Company, Milwaukee, Wis. Reciprocating mechanism. 2,182,745; Dec. 5.
Ferris, William D., assignor to Frantz Manufacturing Co., Sterling, Ill. Latch. 2,153,827; Apr. 11.
Ferris, William D., assignor to Frantz Manufacturing Co., Sterling, Ill. Garage door construction. 2,164,648; July 4.
Ferris, William D., assignor to Frantz Manufacturing Co., Sterling, Ill. Garage door construction. 2,170,295; Aug. 22.
Ferris, William D., assignor to Frantz Manufacturing Co., Sterling, Ill. Truss brace construction. 2,175,688; Oct. 10.
Ferris, William D., assignor to Frantz Manufacturing Co., Sterling, Ill. Combined hasp and latch. 2,183,834; Dec. 19.
Ferris, William D., assignor to Frantz Manufacturing Co., Sterling, Ill. Garage door construction. 2,184,341; Dec. 26.
Ferris, William D., Sterling, and C. R. Wolf, Rock Falls, assignors to Frantz Manufacturing Co., Sterling, Ill. Overhead door. 2,150,321; Mar. 14.
Ferro-Alloy Incorporated. (See Hardesty, Ben F., assignor.)
Ferro Enamel Corporation. (See Chester, Allan E., assignor.)
Ferro Enamel Corporation. (See McIntyre, G. H., and Sylvester, assignors.)
Ferrocart Corporation of America. (See Boucke, Heinz, assignor.)
Ferrocart Corporation of America. (See Loughlin, William D., assignor.)
Ferrocon Corporation. (See Kotrbaty, Guy F., assignor.)
Ferrolene Gases, Inc. (See Ruch, Philip, assignor.)

Ferro-Spun Corporation. (See Farr, Herbert H., assignor.)
Ferro-Spun Corporation. (See Russell, Robert A., assignor.)
Ferro Stamping and Manufacturing Company. (See Roethel, John H., assignor.)
Ferry, Joseph D., Harrisburg, Pa. Food cooking apparatus. 2,150,273; Mar. 14.
Ferry, Joseph D., Harrisburg, Pa. Material treating and handling apparatus. 2,163,977; June 27.
Ferry, Joseph D., deceased, Harrisburg, Pa.; S. O. Ferry, executrix. Food impelling mechanism. 2,170,775; Aug. 22.
Ferry, Joseph D., deceased, Harrisburg, Pa.; S. O. Ferry, executrix. Food preparing and handling apparatus. 2,174,555; Oct. 3.
Ferry, Joseph D., deceased, Harrisburg, Pa.; S. O. Ferry, executrix. Cooking apparatus. 2,174,556; Oct. 3.
Ferry, Joseph D., deceased, Harrisburg, Pa.; S. O. Ferry, executrix. Impeller mechanism for cookers. 2,176,624; Oct. 17.
Ferry, Joseph D., deceased, Harrisburg, Pa.; S. O. Ferry, executrix. Material treating and handling apparatus. 2,179,035; Nov. 7.
Ferry, Sylvia O., executrix. (See Ferry, Joseph D.)
Ferst, M. A., Ltd. (See Moodie, T. Edward, assignor.)
Ferté, André M. A., Terny Par Margival, and A. Balp, Paris, France. Agricultural machine. 2,177,803; Oct. 31.
Feshbach, David, Bronx, N. Y. Nonrub fur coat edge protector. 2,168,618; Aug. 8.
Fessel, John F., Defiance, Ohio. Bracelet flashlight holder. 2,165,625; July 11.
Fessenden, Edward E., Jr., Kingston, N. Y. Machine driving and stopping mechanism. 2,181,318; Nov. 28.
Fessler, Albra H. (See McDougal, T. G., Fessler, and Barlett.)
Fessler, Albra H. (See McDougal, T. G., Fessler, and Schwartzwalder.)
Fessler, Albra H., Flint, Mich., and H. Navratiel, Lauf, near Nuremberg, Germany. Ceramic body. 2,154,069; Apr. 11.
Fetherston, Robert T., assignor to Milwaukee Electric Tool Corporation, Milwaukee, Wis. Electric hammer. 2,145,760; Jan. 31.
Fett, Frederick C., and R. K. Goddard, assignors to Curtis Universal Joint Co., Inc., Springfield, Mass. Universal joint. 2,153,415; Apr. 4.
Fette, Frank J., Tampa, Fla. Crankless Diesel engine. 2,149,591; Mar. 7.
Fette, Frank J., Tampa, Fla. Heat exchange device. 2,165,094; July 4.
Fette, Frank J., Tampa, Fla. Gas compressor. 2,176,300; Oct. 17.
Fettel, Martin G. (See Riemenschneider, E., and Fettel.)
Fetter, Charles H., Millburn, N. J., and J. G. Matthews, Kew Gardens, assignors to Electrical Research Products, Inc., New York, N. Y. Watch rate recorder. 2,155,646; Apr. 25.
Fetterly, Ralph S., Los Angeles, Calif. Carbonator. 2,149,670; Mar. 7.
Fetterman, Frank W., Sacramento, Calif., assignor to Libby, McNeill & Libby, Chicago, Ill. Asparagus trimming machine. 2,144,567; Jan. 17.
Fetterolf, Layton R., Langhorne, Pa. File. 2,143,063; Jan. 10.
Fetterolf, Layton R., Langhorne, Pa. Power hacksaw blade. 2,152,183; Mar. 28.
Fetzer, John, Pittsburgh, Pa. Preserve jar. 2,178,140; Oct. 31.
Fetzer, Walter R., Clayton, Mo., assignor to Union Starch and Refining Company, Columbus, Ohio. Composition of matter derived from starch and making the same. 2,163,782; June 27.
Feucht, Albert, Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Feeding mechanism for rock drills. 2,149,592; Mar. 7.
Few, Ernald L., Wimbledon, England. Steam joint. 2,180,407; Nov. 21.
Fewings, David J. (See Kemp, R. J., and Fewings.)
Fewings, David J. (See Plaistowe, D. L., and Fewings.)
Feykert, Peter J., San Francisco, Calif. Ornamental panel supporting molding. 2,183,065; Dec. 12.
Feykert, Peter J., and J. J. Molinari, San Francisco, Calif. Transferring apparatus for high pressure fluids. 2,146,948; Feb. 14.
Feyrer, William F., Norwalk, Conn., assignor to Dictaphone Corporation, New York, N. Y. Dictating machine. 2,152,585; Mar. 28.
Fezzey, Chester T., et al. (See Ackerman, Edward L., assignor.)
Fialkowski, Felix J., Danville, assignor to The Fischman Company, Philadelphia, Pa. Coin control mechanism. 2,144,568; Jan. 17.
Fiat Societa Anonima. (See Valletta, Vittorio, assignor.)
Fibre Can Development Corporation. (See Hatch, Alexander G., assignor.)
Fibre Can Machinery Corporation. (See Hatch, Alexander G., assignor.)
Fibre Making Processes, Inc. (See Qviller, Olaf, assignor.)
Fibre Processing Limited. (See Brown, William T., assignor.)
Fibreboard Products Inc. (See Anderson, Nels A., assignor.)
Fibreboard Products Inc. (See Goodyear, Charles H., assignor.)
Fibresteel, Inc. (See McCrery, Harold E., assignor.)
Fichman, Morris W., Bronx, N. Y. Table construction. 2,178,570; Nov. 7.
Fichtel & Sachs A. G. (See Hartmann, Willy, assignor.)
Fichtner, Rudolf, Berlin, Germany, assignor to General Electric Company. Hydraulic turbine torque converter. 2,145,005; Jan. 24.
Fichtner, Rudolf, Berlin, Germany, assignor to General Electric Company. Turbo gearing. 2,145,006; Jan. 24.
Fichtner, Rudolf, Berlin, Germany, assignor to General Electric Company. Hydraulic gear arrangement. 2,146,569; Feb. 7.
Fick, Reinhold. (See Ulrich, H., Fick, Baehr, and Wenzel.)
Ficke, Robert C. (See Osterloh, R. H., Pyle, Voytilla, and Ficke.
Fidelity Machine Company. (See Blaisdell, S. B., and Ingouf, assignors.)
Fidelity Machine Company. (See Ingouf, Robert J. A., assignor.)
Fidelity Machine Company. (See Larkin, Walter, assignor.)
Fidelity Products Co. Inc. (See Papini, Anthony, assignor.)
"Fidenza" Societâ Anonima Vetraria. (See Favaron, Aldo, assignor.)
Fides Gesellschaft für die Verwaltung und Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschrankter Haftung. (See Böhme, Joachim, assignor.)
"Fides Gesellschaft für die Verwaltung und verwertung von gewerblichen Schutzrechten mit beschränkter Haftung." (See Espe, Werner, assignor.)
Fides Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung. (See Küpfmüller, Karl, assignor.)
"Fides" Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung. (See Noll, F., and Wolf, assignors.)
Fidiam, James F., Jr. (See Loomis, A. G., Byck, and Fidiam.)
Fidler, Louis E., Philadelphia, Pa. Trouser presser. 2,173,274; Sept. 19.
Fiedler, Edmond F., Adams, Mass., assignor to General Electric Company. Making phenol-aldehyde resins. 2,180,981; Nov. 21.
Fiedler, Karl. (See Heim, M. L., and Fiedler.)
Fiedler, Kurt. (See Heinrich, H., Janssen, and Fiedler.)
Fiedler, Lionel R., Washington, D. C. Flameproof switchboard. 2,173,101; Sept. 19.
Fiedler, Stuart O., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial thread production. 2,154,609; Apr. 18.
Fieg, Joseph F., La Grange, assignor to United Screw and Bolt Corporation, Chicago, Ill. Screw. 2,142,185; Jan. 3.
Field, Bernard, Brookline, and M. F. Walsh, Wakefield, assignors to Boston Stove Foundry Company, Reading, Mass. Stove. 2,167,617; July 25.
Field, Edward A., Jr., Chicago, Ill. Draft control. 2,182,625; Dec. 5.
Field and Flint Co. (See Flint, Perley G., assignor.)
Field, Hugh W. (See Clothier, F. M., Jr., and Field.)
Field, John F., Owosso, Mich. Seed cleaning machine. 2,150,716; Mar. 14.
Field, Joseph C., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call transmitter. 2,183,713; Dec. 19.
Field Leon S. et al. (See McDonnell, George A., assignor.)
Field, Marcus H., assignor of one-third to R. I. Lathem, Canton, Ga. Automatic brake adjuster. 2,152,544; Mar. 28.
Field, Oscar S. (See Preston, N. D., and Field.)
Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Light signal for railroads. 2,145,788; Jan. 31.
Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Thermal relay. 2,153,517; Apr. 4.
Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Detachable electrical connector. 2,162,453; June 13.
Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Relay. 2,166,091; July 11.
Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Contact structure for three-position relay mechanisms. 2,176,020; Oct. 10.
Field, Oscar S., assignor to General Railway Signal Company, Rochester, N. Y. Relay. 2,180,583; Nov. 21.
Field, Samuel B., Holbrook, and E. T. Walter, Quincy, Mass., assignors to American Seal-Kap Corporation of Delaware, Long Island City, N. Y. Method of and machine for sealing capped containers. 2,156,892; May 2.
Fielder, W. V. (See Taylor, William L., assignor.)
Fielding, George T., Stamford, Conn. Dishwashing apparatus. 2,153,303; Apr. 4.
Fielding, George T., Stamford, Conn. Glass washing machine. 2,180,408; Nov. 21.

Fielding, John, deceased, North Providence; Union Trust Company, executors; said Fielding and said executors assignors to J. P. Whitaker, Apponaug, R. I. Separable article of jewelry. 2,145,716; Jan. 31.
Fielding, John, North Providence, deceased, Union Trust Company, executors; said Fielding and said executors assignors to J. P. Whitaker, Apponaug, R. I. Clip assembly. 2,161,668; June 6.
Fields, Arthur B., Portland, Oreg. Two-wheel hand cart. 2,183,066; Dec. 12.
Fields, Brownlow, Laurel, Ind. Saw set. 2,177,385; Oct. 24.
Fields, Charles M., Arlington, and G. A. Wilkens, Ridgefield, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cast resin with integral sheen. 2,168,331; Aug. 8.
Fields, Charles M. and R. T., Arlington, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for maintaining constant hydrostatic pressure upon a liquid. 2,180,818; Nov. 21.
Fields, Reuben T. (See Crane, P. W., and Fields.)
Fields, Reuben T. (See Fields, Charles M. and R. T.)
Fields, Tracy L., Wasco, Oreg. Plow coupling. 2,147,974; Feb. 21.
Fiene, Marcus E., Ballston Lake, N. Y., assignor to General Electric Company. Heat transfer system. 2,155,261; Apr. 18.
Fiene, Marcus E., Ballston Lake, N. Y., assignor to General Electric Company. Comfort responsive apparatus. 2,155,262; Apr. 18.
Fiene, Marcus E., Ballston, N. Y., assignor to General Electric Company. Vapor heat transfer system. 2,156,053; Apr. 25.
Fiene, Marcus E., Ballston Lake, N. Y., assignor to General Electric Company. Apparatus for transferring heat. 2,181,726; Nov. 28.
Fierz-David, Hans E., and W. G. Stoll, Zurich, Switzerland, assignors to Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies, Etablissements Kuhlmann, Paris, France. Diazoamino compounds. 2,166,681; July 18.
Fies, Herbert W., Cleveland Heights, assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Clutch. 2,172,503; Sept. 12.
Fiese, Jesse T., and W. G. Firstenberger, Fresno, Calif. Vegetation mascerating unit. 2,148,547; Feb. 28.
Fieux, Jean, assignor of one-half to Schneider & Cie, Paris, France. Range-finding and fire-correction sighting device. 2,160,202; May 30.
Fieux, Jean, assignor of one-half to Schneider & Cie, Paris, France. Gyroscope. 2,180,043; Nov. 14.
Fife, Harvey R., Pittsburgh, Pa. Coating coal. 2,176,127; Oct. 17.
Fife, Harvey R., Pittsburgh, Pa. Fuel treatment. 2,176,128; Oct. 17.
Fife, Harvey R., Pittsburgh, Pa. Coal treatment. 2,176,129; Oct. 17.
Fife, Harvey R., Pittsburgh, Pa., assignor to Carbide and Carbon Chemicals Corporation. Hydraulic brake fluid. 2,169,231; Aug. 15.
Fife, Kenneth E., Toronto, Ontario, Canada. Oil filter. 2,154,565; Apr. 18.
Fifield, Albert F., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Rail joint shim. 2.161,149; June 6.
Figg, Louis J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Denatured alcohol containing dibenzylamine. 2,163,834; June 27.
Figg, Louis J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Denatured alcohol containing diphenyl ether. 2,176,489; Oct. 17.
Figg, Louis J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Denatured alcohol containing formamide. 2,176,491; Oct. 17.
Figg, Louis J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Denatured alcohol containing ethylene diamine. 2,179,997; Nov. 14.
Figg, Louis J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Denatured alcohol containing quinoline. 2,179,998; Nov. 14.
Figg, Louis J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Denatured alcohol containing tetrahydrofurfuryl alcohol. 2,179,999; Nov. 14.
Figg, Louis J., Jr., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Purification of hardwood oils. 2,180,001; Nov. 14.
Figg, Louis J., Jr., and E. E. Shaulis, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Nondiscoloring, liquid antiseptic soap. 2,153,143; Apr. 4.
Figg, Louis J., Jr., and J. W. Rhea, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Denatured alcohol containing a dichloroalkyl ether. 2,176,490; Oct. 17.
Figg, Louis J., Jr., and J. W. Rhea, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Corrosion inhibitor. 2,176,492; Oct. 17.
Figg, Louis J., Jr., and J. W. Rhea, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Denatured alcohol containing a lower alkyl acetal. 2,180,000; Nov. 14.
Figg, Louis J., Jr., and J. W. Rhea, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Denatured alcohol containing a lower alkyl amyl mixed ether. 2,184,010; Dec. 19.
Figgie, Harry E., Cleveland, and N. E. Hendrickson, assignors to The Mather Spring Company, Toledo, Ohio. Spring leaf manufacture. 2,184,381; Dec. 26.
Fike, Charles H. (See Keel, K. O., and Fike.)
Fike, Roy, Ravenna, Ky. Vehicle wheel brake. 2,154,836; Apr. 18.
Fikentscher, Hans, Ludwigshafen-on-the-Rhine, and W. Franke, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Franfort-on-the-Main, Germany. Producing polymerization products of vinyl chloride. 2,147,154; Feb. 14.
Fikentscher, Hans, and G. Hagen, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Plastic compositions from polymerized vinyl compounds. 2,151,507; Mar. 21.
Filangeri, Domenico, Brooklyn, N. Y. Facing unit. 2,183,450; Dec. 12.
Filatex Corporation. (See Spencer, William M., assignor.)
Filatex Corporation. (See Tobias, Fred J., assignor.)
Filberich, Ludwig, Berlin-Siemensstadt, O. Schiele, Berlin-Charlottenburg, and K. Seethaler, Berlin-Siemensstadt, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system for converters. 2,165,041; July 4.
Filbert, William F. (See Burrows, L. A., and Filbert.)
Filby, Carlton W., Jefferson, Ohio. Marine anchor. 2,161,906; June 13.
Fildes, Frederick K., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Converting road-rail vehicles from one use to the other. 2,157,650; May 9.
Fildes, Frederick K., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Road-rail vehicle. 2,157,651; May 9.
Filer & Stowell Co., The. (See Read, Everett C., assignor.)
Filippo, Hendrik. (See Jonker, J. L. H., Löpp, van Overbeek, and Filippo.)
Fillo, Francis B., Webster Groves, Mo., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system. 2,157,329; May 9.
Film Recording Corporation. (See De Madaler A., and Woolf, assignors.)
Film Recording Corporation. (See von Madaler, F., and Woolf, assignors.)
Film Recording Corporation. (See Woolf, William L., assignor.)
Filter Tips Limited. (See Edwards, William F. M., assignor.)
Filter Tips Limited. (See Edwards, W. F. M., and May, assignors.)
Filter Tips Limited. (See Lubbock, Isaac, assignor.)
Filter Tips Limited. (See May, Rowland F., assignor.)
Filtex Corporation, The. (See Kroenlein, Henry A., assignor.)
Finch, Delmar B., Montgomery, W. Va. Car stop. 2,175,286; Oct. 10.
Finch, George I., Osterley, assignor to C. C. Wakefield & Company Limited, London, England. Coating of metal surfaces. 2,178,251; Oct. 31.
Finch, James L. (See Latimer, C. W., Finch, Conklin, and Goldstine.)
Finch, James L., Patchogue, N. Y., assignor to Radio Corporation of America. Automatic temperature control. 2,149,729; Mar. 7.
Finch, James L., Patchogue, N. Y., assignor to Radio Corporation of America. Temperature control device. 2,151,319; Mar. 21.
Finch, James L., Patchogue, N. Y., assignor to Radio Corporation of America. Signaling system. 2,166,756; July 18.
Finch, James L., Patchogue, N. Y., assignor to Radio Corporation of America. Air cooling for thermionic tubes. 2,176,657; Oct. 17.
Finch, James L., Rocky Point, N. Y., assignor to Radio Corporation of America. Method and means for modulation. 2,165,844; July 11.
Finch, Laurence W. (See Clark, W. O., Finch, and Rose.)
Finch, Raymond C., assignor to Art Metal Construction Company, Jamestown, N. Y. Card index. 2,142,098; Jan. 3.
Finch, Raymond C., assignor to Art Metal Construction Company, Jamestown, N. Y. Paper file. 2,167,578; July 25.
Finch, Raymond J. (See Jabelmann, O., and Finch.)
Finch, William G. H., New York, N. Y. Multiplex telecommunication system. 2,145,717; Jan. 31.
Finch, William G. H., New York, N. Y. Telepicture scanning system. 2,149,136; Feb. 28.
Finch, William G. H., New York, N. Y. Telepicture recording system. 2,152,348; Mar. 28.
Finch, William G. H., Spuyten Duyvil, N. Y. Electrical transmission of color pictures. 2,177,247; Oct. 24.
Finch, William G. H., New York, N. Y. Telepicture synchronous driving system. 2,178,394; Oct. 31.
Finch, William G. H., New York, N. Y. Stylus for facsimile recorders. 2,184,973; Dec. 26.
Fincher, John L. (See Trout, W. C., and Fincher.)
Finck, Carl P., West Orange, N. J., assignor to Eberhard Faber Pencil Company. Combined pencil and eraser. 2,144,014; Jan. 17.
Fincke, Donald M., Great Neck, N. Y., assignor to American Machine & Foundry Company. Cooled sealer for wrapping machines. 2,151,653; Mar. 21.

Findlater, Stevenson, McKeesport, Pa., assignor to National Tube Company. Pipe or tube mill. 2,145,588; Jan. 31.
Findlater, Stevenson, McKeesport, Pa., assignor to National Tube Company. Pipe or tube mill. 2,145,589; Jan. 31.
Findlater, Stevenson, McKeesport, Pa., assignor to National Tube Company. Indicator. 2,163,196; June 20.
Findlater, Stevenson, McKeesport, Pa., assignor to National Tube Company. Pipe or tube rolling. 2,167,418; July 25.
Findlay, Alexander C., Chicago, Ill. Locking mechanism for automobile doors. 2,180,819; Nov. 21.
Findlay, Francis T., et al. (See Donald, Bruce L., assignor.)
Findley, Joshua V., Bumble Bee, Ariz. Table. 2,184,695; Dec. 26.
Fine, Byrd S., assignor to The Colonial Press, Inc., Clinton, Mass. Type composing and casting machine. 2,163,390; June 20.
Fine, Charles A., assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricating apparatus. 2,147,835; Feb. 21.
Fine, Charles A., assignor to Stewart-Warner Corporation, Chicago, Ill. Sign. 2,181,938; Dec. 5.
Fine, Leland E. (See Faires, A. W., Fine, and Green.)
Fine, Philip, Baltimore, Md. Visual song interpreter. 2,157,168; May 9.
Fine, William H., Los Angeles, Calif., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake gear support. 2,167,712; Aug. 1.
Fingado, Rudolf, and H. Hertlein, Leverkusen I. G. Werk, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of tanning substances. 2,161,288; June 6.
Finholm, William S., Forest Hills, N. Y. Upright piano action. 2,146,114; Feb. 7.
Finholm, William S., Forest Hills, N. Y. Piano action. 2,156,913; May 2.
Finizio, Nello, Peekskill, N. Y. Roasting machine. 2,181,847; Nov. 28.
Fink, Colin G., and P. Deren, New York, N. Y. Treating metal articles to alloy constituent metals. 2,156,262; May 2.
Fink, Elmer C., Chadwick, Ill. Closure for collapsible tubes. 2,168,822; Aug. 8.
Fink, Henry A., Pelham Manor, assignor to Continental Can Company Inc., New York, N. Y. Sheet metal can body. 2,185,057; Dec. 26.
Fink, Henry A., Pelham Manor, and J. Haycock, Larchmont, assignors to Continental Can Company, Inc., New York, N. Y. Container. 2,168,097; Aug. 1.
Fink, Henry W. (See Will, C. H., and Fink.)
Fink, Henry W., assignor to Tropic-Aire, Incorporated, Minneapolis, Minn. Fluid control valve. 2,164,057; June 27.
Fink, Henry W., assignor to Tropic-Aire, Incorporated, Minneapolis, Minn. Fan heater unit. 2,174,654; Oct. 3.
Fink, Lawrence R., assignor to Fink-Roselieve Co. Inc., New York, N. Y. Film processing device. 2,151,907; Mar. 28.
Fink, Lawrence R., assignor to Fink-Roselieve Co. Inc., New York, N. Y. Film processing tank. 2,159,476; May 23.
Fink-Roselieve Co. (See Fink, Lawrence R., assignor.)
Finkbone, Benjamin P. (See Matteson, E. A., and Finkbone.)
Finkbone, Benjamin P., and G. R. Hoover, Middletown, and H. F. Miller, Lebanon, assignors to The American Rolling Mill Company, Middletown, Ohio. Metal sheet treating machine. 2,175,599; Oct. 10.
Finke, George W., assignor of forty-nine per cent to B. Concato, Moonachie Boro, N. J. Drill sharpener. 2,177,644; Oct. 31.
Finke, Max, Emmendingen, Germany. Impressed-picture medium. 2,166,289; July 18.
Finkeldey, William H., Hastings on Hudson, N. Y., assignor to The Edes Manufacturing Company, Plymouth, Mass. Zinc base alloy. 2,180,291; Nov. 14.
Finkeldey, William H., Hastings on Hudson, N. Y., assignor to The Edes Manufacturing Company, Plymouth, Mass. Zinc base alloy. 2,180,292; Nov. 14.
Finkeldey, William H., Hastings on Hudson, N. Y., assignor to The Edes Manufacturing Company, Plymouth, Mass. Zinc engraving plate. 2,180,293; Nov. 14.
Finkelstein, Abraham L., assignor to Snug-Fit Foundations, Inc., New York, N. Y. Foundation. 2,145,789; Jan. 31.
Finkelstein, William. (See Freeman, Samuel, assignor.)
Finkelsztejn, Marja, Paris, France, assignor, by mesne assignments, to the firm of Chemical Works formerly Sandoz, Basel, Switzerland. Trihexosan-carboxylic acid salts and making same. 2,152,248; Mar. 28.
Finkes, George M., assignor to The Union Fork and Hoe Company, Columbus, Ohio. Lawn broom. 2,149,429; Mar. 7.
Finlay, Archibald H., Holywood, Northern Ireland. Furniture. 2,150,434; Mar. 14.
Finlayson, Alexander S., assignor to Hercules Powder Company, Wilmington, Del. Purification of cellulose ethers. 2,178,630; Nov. 7.
Finlayson, Donald. (See Dreyfus, H., and Finlayson.)
Finlayson, Donald. (See Dreyfus, H., Finlayson, and Perry.)
Finlayson, Donald. (See Dreyfus, H., Finlayson, and Stafford.)
Finlayson, Donald, Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of crimped cellulose derivative yarns. 2,174,573; Oct. 3.
Finlayson, Donald, and H. Crawshaw, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of stiffened fabrics. 2,158,112; May 16.
Finlayson, Donald, and R. G. Perry, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of textile materials. 2,161,808; June 13.
Finlayson, Frank E., Pittsfield, Mass., assignor to General Electric Company. Glue pot. 2,170,681; Aug. 22.
Finley, Sam E., et al. (See Havis, Edward H., assignor.)
Finley, Sam E., Atlanta, Ga. Constructing pavements. 2,147,195; Feb. 14.
Finley, Walter H. (See Trader, W. S., Hamilton, and Finley.)
Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for pressing soles on the bottoms of shoes. 2,149,391; Mar. 7.
Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole press. 2,150,915; Mar. 21.
Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Welt support for sole attaching machines. 2,156,281; May 2.
Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for pressing soles on shoe bottoms. 2,168,475; Aug. 8.
Finn, Sidney J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe bottom ironing unit. 2,172,372; Sept. 12.
Finnegan, George B., Jr. (See Durham, H. N., and Finnegan.)
Finnegan, George B., Jr. (See Schmidt, Grayson, assignor.)
Finnegan, Martin J. (See Baer, H., and Finnegan.)
Finnegan, Martin J., New York, N. Y., and H. Baer, Jersey City, assignors to Eclipse Aviation Corporation, East Orange, N. J. Internal combustion engine control. 2,142,746; Jan. 3.
Finnell, Norman C., Newton, assignor to W. Noyes, Weston, and L. E. Thayer, Newton, Mass., as trustees. Imparting stiffening, body, or finish to textiles and the like in laundering and other operations. 2,149,046; Feb. 28.
Finnemore, Harold F., Mount Royal, Quebec, Canada, assignor to B. F. Sturtevant Company of Hyde Park, Boston, Mass. Air conditioning system. 2,182,174; Dec. 5.
Finney, Harold G., Montclair, assignor to Oscar Schmidt-International Inc., Jersey City, N. J. Stringed musical instrument. 2,145,718; Jan. 31.
Finnigan, Charles W. (See Foster, D. E., and Finnigan.)
Finnigan, Lawrence L., Seattle, Wash. Viscosity regulated fluid fuel control means. 2,158,359; May 16.
Finnigan, Lawrence L., Seattle, Wash. Fluid fuel control means for oil burners. 2,179,846; Nov. 14.
Finsterbusch, Karl. (See Barton, P. D., Finsterbusch, and Floyd.)
Finsterbusch, Karl, New York, N. Y., assignor, by mesne assignments, to The Pure Oil Company, Chicago, Ill. Converting hydrocarbons. 2,171,522; Sept. 5.
Finsterwalder, Ulrich. Berlin-Wilmersdorf, Germany. Truss girder and producing the same. 2,151,267; Mar. 21.
Finsterwalder, Ulrich, Berlin-Wilmersdorf, Germany. Ferro-concrete beam. 2,155,121; Apr. 18.
Fiorentino, Aldo, assignor to J.-M. Heinrich and M. Nadaud, Paris, France. Device for reducing frictions in systems of the worm and nut type. 2,151,094; Mar. 21.
Fire-Guard Corporation. (See Stover, Paul A., assignor.)
Firehammer, Welton E., Oshkosh, Wis. Control device for heating systems. 2,179,120; Nov. 7.
Fireman, Peter, Lambertville, N. J., assignor to Magnetic Pigment Company, New York, N. Y. Production of iron oxide. 2,184,738; Dec. 26.
Firestone, Floyd A., Ann Arbor, Mich., assignor to Central Commercial Company, Chicago, Ill. Organ. Re. 21,137; July 4.
Firestone, Floyd A., Ann Arbor, Mich., assignor to Central Commercial Co., Chicago, Ill. Electrical musical instrument. 2,176,525; Oct. 17.
Firestone, Floyd A., E. J. Abbott, and J. D. Kraus, Ann Arbor, Mich. Pump silencing device. 2,155,756; Apr. 25.
Firestone Steel Products Company, The. (See Monahan, Thomas G., assignor.)
Firestone Tire & Rubber Company, The. (See Alderfer, Sterling W., assignor.)
Firestone Tire & Rubber Company, The. (See Allen, R. W., and Te Grotenhuis, assignors.)
Firestone Tire & Rubber Company, The. (See Becker, George W., assignor.)
Firestone Tire & Rubber Company, The. (See Bemis, Henry P., assignor.)
Firestone Tire & RubberCompany, The. (See Brink, Winfield S., assignor.)
Firestone Tire & Rubber Company, The. (See Brown, Roy W., assignor.)

Firestone Tire & Rubber Company, The. (See Cline, Delbert C., assignor.)
Firestone Tire & Rubber Company, The. (See Dunbrook, R. F., and Humphrey, assignors.)
Firestone Tire & Rubber Company, The. (See Greenup, Harold W., assignor.)
Firestone Tire & Rubber Company, The. (See Humphrey, Bingham J., assignor.)
Firestone Tire & Rubber Company, The. (See Kuhn, John W., assignor.)
Firestone Tire & Rubber Company, The. (See Nichols, George B., assignor.)
Firestone Tire & Rubber Company, The. (See Riesing, Ellwood F., assignor.)
Firestone Tire & Rubber Company, The. (See Robertson, Isaac W., assignor.)
Firestone Tire & Rubber Company, The. (See Saurer, Curt, assignor.)
Firestone Tire & Rubber Company, The. (See Shields, Jesse W., assignor.)
Firestone Tire & Rubber Company, The. (See Soper, Cleveland C., assignor.)
Firestone Tire & Rubber Company, The. (See Stevens, Horace D., assignor.)
Firestone Tire & Rubber Company, The. (See Tatter, John W., assignor.)
Firestone Tire & Rubber Company, The. (See Van Halteren, Andrew S., assignor.)
Firestone, Vance S., assignor to The Pharis Tire and Rubber Company, Newark, Ohio. Machine for cutting strip stock. 2,181,398; Nov. 28.
Firma A. G. vorm. Seidel & Naumann. (See Müller, Karl R.)
Firner, William B., assignor to General Motors Corporation, Detroit, Mich. Multiple windowpane construction. 2,173,649; Sept. 19.
Firsching, Joseph A., Utica, N. Y. Take-up mechanism for knitting machines. 2,158,177; May 16.
First National Bank of Chicago, The, et al., executors. (See Harris, B. R., and Reynolds.)
First National Bank of Chicago, et al., executors. (See Reynolds, Marvin C.)
Firstenberger, Welcome G. (See Fiese, J. T., and Firstenberger.)
Firth Carpet Company. (See Matthews, Russell R., assignor.)
Firth, Cyril, assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Forming machine roll. 2,182,842; Dec. 12.
Firth, David, Flint, Mich., assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Carburetor. 2,155,162; Apr. 18.
Firth, David, Flint, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Dual manifold equalizer. 2,172,957; Sept. 12.
Firth, Lewis G. (See Welch, E. B., and Firth.)
Firth-Sterling Steel Company. (See Welch, E. B., and Firth, assignors.)
Fisch, Arthur, Heidelberg, Germany. Elastic sock for footwear. 2,146,888; Feb. 14.
Fisch, Arthur, Heidelberg, Germany. Shoe sole. 2,150,057; Mar. 7.
Fisch, Willi. (See Widmer, G., and Fisch.)
Fisch, Willi. (See Widmer, G., Fisch, and Jakl.)
Fisch, Willi, Riehen, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of melamine. 2,164,705; July 4.
Fischbach, Emanuel, New York, N. Y. Power transmission. 2,149,513; Mar. 7.
Fischbacher, Kathleen, Hoboken, N. J. Convertible rifle rack. 2,158,623; May 16.
Fischel, Eduard, Berlin-Charlottenburg, assignor to Siemens Apparate und Maschien Gesellschaft mit beschränkter Haftung, Berlin, Germany. Control apparatus for vehicles. 2,156,976; May 2.
Fischel, Eduard, Berlin-Charlottenburg, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Apparatus for measuring the liquid contents of a container or vessel. 2,161,510; June 6.
Fischel, Eduard, Berlin-Charlottenburg, and G. Klein, Berlin-Dahlem, assignors to Siemens Apparate und Maschinen Gesellschaft mit beschrankter Haftung, Berlin, Germany. Disengaging means for automatic control systems for aircraft. 2,175,627; Oct. 10.
Fischel, Eduard, and J. Thiry, Berlin-Charlottenburg, assignors to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Servomotor for the remote control of aircraft. 2,179,179; Nov. 7.
Fischel, Lester, assignor to Patchogue-Plymouth Mills Corporation, New York, N. Y. Curtain heading. 2,149,011; Feb. 28.
Fischer, Albert C., Chicago, Ill. Bridged load expansion plate. 2,161,225; June 6.
Fischer, Albert C., Chicago, Ill. Seed planting, seed inoculation, and fertilizer. 2,168,332; Aug. 8.
Fischer, Albert C., Chicago, Ill. Insecticide or vermin destroying shell. 2,175,112; Oct. 3.
Fischer, Albert C., Chicago, Ill. Seed germinating wafer. 2,175,113; Oct. 3.
Fischer, Albert C., Chicago, Ill. Rubber tile. 2,176,068; Oct. 17.
Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Construction material. 2,162,687; June 13.
Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Expansion joint material. 2,163,553; June 20.
Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Extruding sheet material. 2,168,288; Aug. 1.
Fischer, Albert C., Chicago, Ill., assignor to The Philip Carey Manufacturing Company. Constructional material. 2,168,289; Aug. 1.
Fischer, Albert F., assignor to W. F. Fischer, Philadelphia, Pa. Oil grooving machine. 2,157,484; May 9.
Fischer, Anthony C. (See Whitescarver, Charles T., assignor.)
Fischer, Anthony J. (See Darby, G. M., Weber, and Fischer.)
Fischer, Anthony J., Jackson Heights, and N. B. Lund, Seaford, assignors to The Dorr Company, Inc., New York, N. Y. Aeration of liquids. 2,165,889; July 11.
Fischer, Anton, North Bergen, N. J. Mask for stenciling. 2,161,030; June 6.
Fischer, Arnold F., Astoria, Long Island, assignor to Hobbs Sales & Service Station, Inc., New York, N. Y. Feed roll mechanism. 2,150,824; Mar. 14.
Fischer, Arnold F., Astoria, Long Island, assignor to Hobbs Sales & Service Station, Inc., New York, N. Y. Clutching mechanism. 2,163,596; June 27.
Fischer, Arnold F., Astoria, assignor to Hobbs Sales & Service Station, Inc., New York, N. Y. Combined staple forming and driving machine. 2,179,036; Nov. 7.
Fischer, Charles, New York, N. Y. Goggles. 2,149,514; Mar. 7.
Fischer, Edwin L., Burbank, Calif., assignor, by mesne assignments, to Radio Corporation of America. Sound film apparatus. 2,160,014; May 30.
Fischer, Erich. (See Winkeler, H., and Fischer.)
Fischer, Erich, and W. Gmelin, Bad Soden in Taunus, and R. Huss, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Disazo dyestuffs soluble in water. 2,142,838; Jan. 3.
Fischer, Erich, and W. Gmelin, Bad Soden in Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Monoazo dyestuffs soluble in water. 2,154,838; Apr. 18.
Fischer, Erich, Bad Soden in Taunus, and R. Huss and W. Gmelin, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Monoazo dyestuffs soluble in water. 2,164,008; June 27.
Fischer, Erich, W. Gmelin, Bad Soden in Taunus, and R. Huss, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs soluble in water. 2,175,794; Oct. 10.
Fischer, Erich, and W. Gmelin, Bad Soden in Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Monoazo dyestuffs soluble in water. 2,175,795; Oct. 10.
Fischer, Erich, and W. Gmelin, Bad Soden in Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Monoazo dyestuffs soluble in water. 2,175,796; Oct. 10.
Fischer, Erich, Bad Soden in Taunus, and R. Huss, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs soluble in water. 2,176,853; Oct. 17.
Fischer, Ernst, Offenbach-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Colored rubber products and producing them. 2,149,211; Feb. 28.
Fischer, Ernst, Offenbach-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Colored rubber products and producing them. 2,149,212; Feb. 28.
Fischer, Ernst, Offenbach-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Monoazo dyestuffs insoluble in water. 2,154,837; Apr. 18.
Fischer, Franz, assignor to Studien- und Verwertungsgesellschaft mit beschrankter Haftung, Mulheim, Ruhr, Germany. Increasing yield in the catalytic synthesis of aliphatic hydrocarbons. 2,149,515; Mar. 7.
Fischer, Franz, Berlin-Wilmersdorf, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschrankter Haftung, Berlin, Germany. Automatic rudder control for aircraft. 2,159,142; May 23.
Fischer, Friedrich E., Erlenbach, Switzerland, assignor to the firm Contraves A.-G., Zurich. Apparatus for measuring errors of aiming and firing in practice firing against moving targets. 2,162,707; June 20.
Fischer, G., & Co. (See Fischer, Herman G., assignor.)
Fischer, George, Glendale, N. Y. Collapsible boat. 2,183,137; Dec. 12.
Fischer, H. G., & Co. Inc. (See Fischer, Herman G., assignor.)
Fischer, Hans. (See Stahl, J., Reed, and Fischer.)
Fischer, Hans, Crestwood, assignor to Lanova Corporation, New York, N. Y. Injection engine. 2,153,618; Apr. 11.
Fischer, Hans, Yonkers, assignor to Lanova Corporation, New York, N. Y. Injection engine. 2,157,658; May 9.
Fischer, Hans, Yonkers, assignor to Lanova Corporation, Long Island City, N. Y. Injection engine. 2,157,659; May 9.

Fischer, Hellmuth, Ilmenau, Germany. Manufacturing multilayer hollow glass bodies. 2,183,961; Dec. 19.
Fischer, Herman G., River Forest, assignor to H. G. Fischer & Co. Inc., Chicago, Ill. Control apparatus. 2,145,868; Feb. 7.
Fischer, Herman G., River Forest, assignor to H. G. Fischer & Co., Inc., Chicago, Ill. High frequency apparatus. 2,155,786; Apr. 25.
Fischer, Hermann, Thalwil, Zurich, Switzerland. Device for binding books and so forth. 2,168,865; Aug. 1.
Fischer, Howard L. (See Gordonier, R. E., and Fischer.)
Fischer, Jakob J., Aarau, Switzerland. Device for cutting and clamping the needle thread of sewing machines. 2,163,994; June 27.
Fischer, John F., assignor, by mesne assignments, to L. A. Young Spring & Wire Corporation, Detroit, Mich. Bending machine. 2,182,626; Dec. 5.
Fischer, Joseph, New York, N. Y. Radiator ornament. 2,146,115; Feb. 7.
Fischer, Joseph, New York, N. Y. Hammer type brake lever extension. 2,182,583; Dec. 5.
Fischer, Oswald, assignor to Vereinigte Spielwarenfabriken Andreas Förtner J. Haffner's Nachf., Nuremberg, Germany. Wheel for toy electric trains. 2,171,923; Sept. 5.
Fischer, Otto, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photoelectric exposure meter. 2,157,660; May 9.
Fischer, Peter and T., Lockwood, Saskatchewan, Canada. Windshield defroster. 2,183,907; Dec. 19.
Fischer, Robert A., Glendale, Calif. X-ray apparatus. 2,153,795; Apr. 11.
Fischer & Süffert. (See Wiederkehr, Hans, assignor.)
Fischer, Theodore. (See Fischer, Peter and T.)
Fischer, Werner. (See Miescher, K., and Fischer.)
Fischer, William F. (See Fischer, Albert F., assignor.)
Fischer, William L., Philadelphia, Pa. Torsional vibration damper. 2,180,351; Nov. 21.
Fischman Company, The. (See Fialkowski, Felix J., assignor.)
Fischman Company, The. (See Richardson, James C., assignor.)
Fischman Company, The. (See Selig, Milton, assignor.)
Fish, Charles S. (See Stewart, R., and Fish.)
Fish, Earl R., assignor to W. C. Lipe Inc., Syracuse, N. Y. Gear tooth chamfering and burring machine. 2,174,783; Oct. 3.
Fish, Lawrence, assignor of one-half to H. Millberg, Minneapolis, Minn. Service stall. 2,169,183; Aug. 8.
Fish Machinery Corporation. (See Hunt, William H., assignor.)
Fish, Thomas, Bridgeport, Conn. Revolving center for lathes and the like. 2,142,639; Jan. 3.
Fish, Waldo H., assignor to American Supply Company, Central Falls, R. I. Pitch band reed. 2,180,201; Nov. 14.
Fishburn, Otto E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmitting device and clutch therefor. 2,179,927; Nov. 14.
Fishel, Robert G., Evanston, Ill. Cooking utensil. Re. 21,214; Sept. 26.
Fisher, Albert M. (See Scott, D. A., and Fisher.)
Fisher, Arthur K., La Grange, and L. F. Culkin, Chicago, Ill. Food spread base. 2,143,651; Jan. 10.
Fisher, Arthur W., Forest Hills, and B. Mishelevich, Pittsburgh, assignors to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,156,684; May 2.
Fisher, Charles H., Pittsburgh, assignor to The Pennsylvania Coal Products Co., Petrolia, Pa. Rubber compound and making same. 2,176,882; Oct. 24.
Fisher, Charles H., Pittsburgh, assignor to The Pennsylvania Coal Products Co., Petrolia, Pa. Stabilization of hydrocarbon compounds. 2,176,883; Oct. 24.
Fisher, Clayton F. (See Blount, W. H., and Fisher.)
Fisher, Daniel O., K. Kronborg, and E. G. Schlup, assignors to The American Rolling Mill Company, Middletown, Ohio. Galvanizing unit. 2,176,761; Oct. 17.
Fisher, Earl L., Newark, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Protector. 2,168,769; Aug. 8.
Fisher, Erich, Bad Soden in Taunus, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Valuable chromiferous dyestuffs and preparing them. 2,174,823; Oct. 3.
Fisher, Ernest F., Springfield, Ill. Evaporative condenser. 2,142,747; Jan. 3.
Fisher, Ernest F., Springfield, Ill. Comfort cooling unit. 2,157,531; May 9.
Fisher, Francis C., Syracuse, N. Y. Tap knob. 2,145,761; Jan. 31.
Fisher, Frank L. (See Foster, B. N., and Fisher.)
Fisher, Frank L. (See Wood, H. M., and Fisher.)
Fisher, Gene. (See Striemer, B. P., and Fisher.)
Fisher, George, and W. S. Tandler, New York, and R. W. Carlisle, Flushing Heights, Long Island, assignors to Lefier Corporation, New York, N. Y. Textile machine. 2,158,536; May 16.
Fisher, George H., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control apparatus. 2,152,843; Apr. 4.
Fisher, Gerald M., Los Angeles, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Gear lubricant. 2,168,258; Aug. 1.
Fisher, Gerald M., Los Angeles, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Gear lubricant. 2,170,495; Aug. 22.
Fisher, Gerald M., Los Angeles, and M. E. Garrison, Huntington Park, Calif., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Resolving emulsions containing solids. 2,143,190; Jan. 10.
Fisher, Gilbert W. (See Crane, M. L., and Fisher.)
Fisher, Harold, assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,173,582; Sept. 19.
Fisher, Harold J. (See Dickieson, A. C., and Fisher.)
Fisher, Harold J., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission level control. 2,157,694; May 9.
Fisher, Harry C., and J. F. Thompson, Cincinnati, assignors to The Gardner-Richardson Company, Middletown, Ohio. Method and apparatus for making containers. 2,163,316; June 20.
Fisher, Harry L., Leonia, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Treatment of rubber. 2,170,191; Aug. 22.
Fisher, Henry W., Perth Amboy, N. J., assignor to General Cable Corporation, New York, N. Y. Cable installation. 2,163,783; June 27.
Fisher, Herman G., assignor to Fisher-Price Toys, Inc., East Aurora, N. Y. Action toy. 2,147,600; Feb. 14.
Fisher, Howard T., Winnetka, assignor to General Houses, Inc., Chicago, Ill. Building system. 2,177,699; Oct. 31.
Fisher, Jacob J., et al. (See Poe, Lloyd R., assignor.)
Fisher, James B., assignor to Waukesha Motor Company, Waukesha, Wis. Piston ring construction. 2,177,700; Oct. 31.
Fisher, James M., Covington, Ky., assignor to The Radiant Energies Corporation, Cincinnati, Ohio. Radiant energy system. 2,143,437; Jan. 10.
Fisher, John H., Rittman, Ohio. Protective rod and reel case. 2,149,087; Feb. 28.
Fisher, Joseph, Baker, Oreg. Dispensing cap for collapsible tubes. 2,143,263; Jan. 10.
Fisher, Lawrence E. (See Frank, W. H., and Fisher.)
Fisher, Lawrence E. (See Frank, W. H., Fisher, and Messing.)
Fisher, Louis P., assignor to Bowes Seal Fast Corporation, Indianapolis, Ind. Tire spreader and inspection machine. 2,173,795; Sept. 19.
Fisher, Lyman C. (See Frank, W. H., and Fisher.)
Fisher, Lyman C., and W. H. Frank, Detroit, Mich. Detachable collector. 2,170,285; Aug. 22.
Fisher, Philip. (See Atkin, O. W., and Fisher.)
Fisher-Price Toys, Inc. (See Fisher, Herman G., assignor.)
Fisher, Raymond C., Tacoma, Wash. Photoelectric musical instrument. 2,164,809; July 4.
Fisher, Robert E., Woodland, Calif. Hoist. 2,148,932; Feb. 28.
Fisher, Robert P., assignor of fifty-one per cent to R. Pageman, Los Angeles, Calif. Rotary drill bit. 2,151,347; Mar. 21.
Fisher, Robert P., assignor of fifty-one per cent to R. Pageman, Los Angeles County, Calif. Rotary drill bit. 2,151,348; Mar. 21.
Fisher, Robert P., Los Angeles, assignor of fifty-one per cent to R. Pageman, Los Angeles County, Calif. Roller bit bearing. 2,155,040; Apr. 18.
Fisher, Solomon, Chicago, Ill. Display device. 2,162,998; June 20.
Fisher, Stanley J., Downey, Downey, Calif. Retaining device. 2,165,699; July 11.
Fisher, W. Reuen, Frankenmuth, Mich. Punch holder. 2,154,738; Apr. 18.
Fisher, Webster E. (See Bright, A. G., and Fisher.)
Fisher, Webster E. (See Nadeau, G. F., and Fisher.)
Fisher, Webster E., assignor to Eastman Kodak Company, Rochester, N. Y. Condenser. 2,150,678; Mar. 14.
Fisher, Webster E., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Recovery of acids from sludge. 2,159,984; May 30.
Fisk, Albert S., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Electric starter for combustion engines. 2,151,962; Mar. 28.
Fisk, Frank B., assignor to Pitman-Moore Company, Indianapolis, Ind. Amine salt preparation for internal medication. 2,165,470; July 11.
Fisk, Frederick C., Williamsville, N. Y. Bottle and blank for forming it. 2,172,504; Sept. 12.
Fisk, Merton L., Somerville, Mass. Ventilator. 2,175,287; Oct. 10.
Fisk Rubber Corporation, The. (See Haynes, Chester W., assignor.)
Fiske, Augustus H., Warren, assignor to Rumford Chemical Works, Rumford, R. I. Granular calcium phosphate and manufacture thereof. 2,182,613; Dec. 5.
Fislar, Harry, assignor to The Geo. F. Cram Company, Indianapolis, Ind. Illuminated terrestrial globe. 2,149,213; Feb. 28.
Fissel, Grant A., Hanover, Pa. Shoe stretcher. 2,171,924; Sept. 5.
Fitch, Albert R., Summit, N. J., assignor to Adirondack Sportswear, Inc., Amsterdam, N. Y. Garment. Re. 21,184; Aug. 29.
Fitch, Albert R., assignor to Adirondack Sportswear, Inc., Amsterdam, N. Y. Garment. 2,142,814; Jan. 3.

Fitch, Benjamin F., Greenwich, Conn. Freight transferring apparatus. 2,156,282; May 2.
Fitch, Benjamin F., Greenwich, Conn. Freight container. 2,156,283; May 2.
Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals Inc., Cleveland, Ohio. Demountable freight container. 2,164,317; July 4.
Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals, Inc., Cleveland, Ohio. Demountable tank for vehicles. 2,166,134; July 18.
Fitch, Benjamin F., Greenwich, Conn., assignor to Motor Terminals, Inc., Cleveland, Ohio. Mechanism for holding demountable bodies on vehicles. 2,166,948; July 25.
Fitch, Clyde J. (See Lemmon, W. S., Fitch, and Walz.)
Fitch, Clyde J. (See Schneider, K. R., and Fitch.)
Fitch, Clyde J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,142,351; Jan. 3.
Fitch, Clyde J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Oscillator circuit. 2,153,179; Apr. 4.
Fitch, Clyde J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Signal transmitting means. 2,168,442; Aug. 8.
Fitch, Clyde J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Printing telegraph system. 2,172,060; Sept. 5.
Fitch, Clyde J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. System of operating devices in timed relation. 2,181,939; Dec. 5.
Fitch, Clyde J., Jersey City, N. J., assignor to International Business Machines Corporation, New York, N. Y. Method of and means for signaling. 2,153,178; Apr. 4.
Fitch, Clyde J., and K. R. Schneider, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Teletypewriter. 2,161,564; June 6.
Fitch, Clyde J., and K. R. Schneider, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Teletypewriter. 2,165,247; July 11.
Fitch, Clyde J., and K. R. Schneider, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Recording unit. 2,181,940; Dec. 5.
Fitch, Ellery R., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,160,191; May 30.
Fitch, Ellery R., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Master controller device. 2,170,240; Aug. 22.
Fitch, Ellery R., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Rail sanding device. 2,173,938; Sept. 26.
Fitch, Ellery R., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,177,521; Oct. 24.
Fitch, Howard M. (See Small, L. F., and Fitch.)
Fitch, Jason A., Youngstown, Ohio. Attaching nuts to metal plates or similar articles or members. 2,170,472; Aug. 22
Fitch, Jason A., Youngstown, Ohio. Apparatus for and process of making nuts. 2,170,473; Aug. 22.
Fitch, John, New York, N. Y., assignor to Standard Container, Inc., Bloomfield, N. J. Spraying device. 2,179,845; Nov. 14.
Fitch, John, assignor to Standard Container, Inc., Bloomfield, N. J. Valve for sprayers. 2,183,740; Dec. 19.
Fitch, Karl E. (See Cramer, W. W., and Fitch.)
Fitch, Karl E., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Teletypewriter trunking system. 2,158,113; May 16.
Fitch, Karl E., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,173,551; Sept. 19.
Fitch, William H., Plainfield, N. J. Recuperator for melting furnaces. 2,152,546; Mar. 28.
Fitchett, Thomas S. (See Greenwood, H. B., and Fitchett.)
Fitchhorn, Elver J., Delaware, Ohio. Wind type musical instrument. 2,146,179; Feb. 7.
Fitler, Edwin H., Company, The. (See Howell, Cooper, assignor.)
Fitts, George M., Washington, D. C. Brake. 2,167,297; July 25.
Fitts, George M., Washington, D. C. Fastening device. 2,171,925; Sept. 5.
Fitz-Randolph, William P. (See Boyer, J. A., Fitz-Randolph, and Rose.)
Fitz-Randolph, William P., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive article and its manufacture. 2,173,833; Sept. 26.
Fitz-Randolph, William P., assignor to The Carborundum Company, Niagara Falls, N. Y. Metallic article and its manufacture. 2,173,834; Sept. 26.
Fitz Gerald, Alan S., Wynnewood, Pa. Electric indicating and control system. 2,145,591; Jan. 31.
Fitz Gerald, Alan S., Wynnewood, Pa. Pulsating electrical control system. 2,168,402; Aug. 8.
Fitzgerald, Bessie V. (See Fitzgerald, Claude J. and B. V.)
Fitzgerald, Cecil Y., assignor of one-third to D. G. Brand, Monrovia, and one-third to W. L. Davis, Pasadena, Calif. Tree holder. 2,159,760; May 23.
Fitzgerald, Claude J. and B. V., Wyandotte, Mich. Locking a prisoner in an automobile. 2,150,368; Mar. 14.
Fitzgerald, Harold G. (See Swager, William F., assignor.)
Fitzgerald, Harold R., Rocky River, assignor to The Midland Steel Products Company, Cleveland, Ohio. Automatic emergency brake pick-up for fluid medium brakes. 2,145,590; Jan. 31.
Fitzgerald, Harold R., Rocky River, assignor to The Midland Steel Products Company, Cleveland, Ohio. Servomotor for vehicle brakes. 2,181,757; Nov. 28.
Fitzgerald, John R. (See White, John A., assignor.)
Fitzgerald, John R., Harlingen, Tex. Distributing machine. 2,149,166; Feb. 28.
Fitzgerald, John R., Harlingen, Tex. Vegetable or fruit grading and sizing machine. 2,153,688; Apr. 11.
Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Starting portable power units. 2,151,196; Mar. 21.
Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Generator output regulator system. 2,157,661; May 9.
Fitz Gerald, John W., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Engine starter. 2,182,584; Dec. 5.
Fitzgerald Manufacturing Company. (See Fitzgerald, Patrick J., assignor.)
Fitzgerald, Patrick J., Prescott, Ariz. Chimney cowl. 2,163,197; June 20.
Fitzgerald, Patrick J., assignor to The Fitzgerald Manufacturing Company, Torrington, Conn. Electric fan. 2,166,987; July 25.
Fitzgerald, Stephen F., Pittsburgh, Pa. Tooth brush. 2,153,554; Apr. 11.
Fitzgerald, Thomas W., Brooklyn, assignor of one-fourth to H. Jacobson and three-eighths to L. Levy, New York, N. Y. Storage battery case. 2,151,654; Mar. 21.
Fitzgibbin, J. E., et al. (See Stortz, Anton J., assignor.)
Fitzky, Wilhelm, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparing 1,3-butylene-glycol. 2,143,370; Jan. 10.
Fitzpatrick, Ira H., assignor of one-half to J. L. Hudgins, Austin, Tex. Coin controlled cap removed. 2,179,883; Nov. 14.
Fitzpatrick, Jeremiah, Weymouth, Mass. Last. 2,181,368; Nov. 28.
Fitzpatrick, Jeremiah J., Oklahoma City, Okla. Combined sucker rod coupling and guide. 2,162,426; June 13.
Fitzpatrick, Ray, East Palestine, Ohio. Rack. 2,179,406; Nov. 7.
Fitzsimmons, John T., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Capacity control for ignition systems. 2,157,599; May 9.
Fitzsimmons, John T., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Distributor head assembly. 2,174,081; Sept. 26.
Fitzsimmons, John T., H. A. Hartzell, and E. M. Claytor, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Ignition control apparatus. 2,159,968; May 30.
Fitzsimmons, Richard R., Chicago, Ill., assignor to The Hoover Company, North Canton, Ohio. Ice tray. 2,181,580; Nov. 28.
Fitzthum, Joseph G. (See Sorensen, L. N., and Fitzthum.)
Fix, Earl L. (See Haux, E. H., and Fix.)
Flach, Paul, Chemnitz, Germany. Folded box. 2,143,308; Jan. 10.
Fladebo, Joseph S. (See Freeman, A. H., and Fladebo.)
Flader, Frederic E., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Adjustable engine cowling. 2,146,538; Feb. 7.
Flader, Fredric E., Kenmore, N. Y., assignor, by mesne assignments, to Curtiss-Wright Corporation. Wing structure. 2,150,546; Mar. 14.
Fladmark, Erling, Lawrence, Mass. Eliminating foam and froth from the surfaces of fluids and semifluids. 2,151,963; Mar. 28.
Fladmark, Erling, Lawrence, Mass. Recovering the solids from pulp mill waste liquors. 2,182,428; Dec. 5.
Flagg, Frederick P., assignor to Waltham Watch Company, Waltham, Mass. Compensating spring and alloy for timepieces. 2,151,197; Mar. 21.
Flagg, Levi J. (See Striebel, F. J., and Flagg.)
Flagg, Ray, Houston, Tex. Making pipe joint connections. 2,145,168; Jan. 24.
Flagler, Harold G., Chicago, Ill. Method of and machine for bending sheets metal. Re. 20,972; Jan. 10.
Flagler, Harold G., Chicago, Ill. Edge bending device. 2,146,949; Feb. 14.
Flagstad, Cornell, Minneapolis, Minn. Grain-car door. 2,172,373; Sept. 12.
Flahaut, René. (See Gardin, A., and Flahaut.)
Flaherty, Michael P., Quincy, Mass. Flush tank control. 2,158,750; May 16.
Flaherty, Wilbur M., Fort Dodge, Iowa. Film tensioning device. 2,144,258; Jan. 17.
Flaker, Jacob E., Barberton, Ohio. Tool holder. 2,151,379; Mar. 21.
Flako Products Corporation. (See McCallum, Arthur, assignor.)
Flamberg, Irving, Belle Harbor, N. Y., assignor to Carmi-Feature Underwear Inc., Carmin, Ill. Shorts. 2,145,688; Jan. 31.
Flame Lite Corporation. (See Bechter, Charles H., assignor.)

Flamm, Alexander L., assignor of one-half to H. C. Cole, Bridgeport, Conn. Container and package. 2,172,196; Sept. 5.
Flamm, Joseph, West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Internal combustion engine. 2,149,516; Mar. 7.
Flammang, Peter J., Beech Groove, Ind. Window. 2,177,882; Oct. 31.
Flanagan, Bernard L., Wellsville, N. Y., assignor to Flanagan Supply Company. Fastening device for beehives. 2,158,067; May 16.
Flanagan Supply Company. (See Flanagan, Bernard L., assignor.)
Flanders, Allen M., and J. T. Dessureau, Barre, Vt. Coasting device. 2,176,397; Oct. 17.
Flanders, Ralph E., assignor to Jones & Lamson Machine Company, Springfield, Vt. Grinding machine. 2,184,011; Dec. 19.
Flanders, Warren B., Philadelphia, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Blower apparatus. 2,169,232; Aug. 15.
Flannery Bolt Company. (See Kilborn, W. T., and Landgraf, assignors.)
Flanzer, Joseph A., Laurelton, Long Island, assignor to Electro-Motive Manufacturing Co., Inc., New York, N. Y. Electrical condenser. 2,163,237; June 20.
Flarsheim, Edwin S., assignor to The Liebel-Flarsheim Company, Cincinnati, Ohio. Bucky grid actuating device. 2,147,601; Feb. 14.
Flask, John, and E. Geer, Warren, Ohio. Combination condiment holder. 2,145,976; Feb. 7.
Flato, Hans, New York, N. Y. Building design and construction. 2,172,838; Sept. 12.
Flautt, Porter H., Baltimore, assignor of one-half to F. C. Reitze and one-fourth to K. B. Timberlake, Catonsville, Md. Heat control apparatus. 2,146,501; Feb. 7.
Flautt, Porter H., assignor of one-fourth to C. R. Cunliffe and one-fourth to E. W. Waldron, Baltimore, Md. Nonskid tire. 2,148,343; Feb. 21.
Flaws, John, Jr. (See Donovan, J. F., and Flaws.)
Flaws, John, Jr., Cleveland Heights, Ohio, assignor to General Electric Company. Stem for electric lamps and similar devices. 2,143,690; Jan. 10.
Flaxman, Marcellus T. (See Blount, A. L., and Flaxman.)
Flaxman, Marcellus T., Wilmington, assignor to Union Oil Company of California, Los Angeles, Calif. Soluble oil. 2,145,239; Jan. 31.
Flaxman, Marcellus T., Wilmington, assignor to Union Oil Company of California, Los Angeles, Calif. Metal polish. 2,164,810; July 4.
Flaxman, Marcellus T., Wilmington, assignor to Union Oil Company of California, Los Angeles, Calif. Emulsifiable oil. 2,175,988; Oct. 10.
Flechsig, Werner, Berlin-Charlottenburg, and R. Behne, Berlin-Lichterfelde, assignors to the firm of Fernseh Aktien-gesellschaft, Zehlendorf, near Berlin, Germany. Electron multiplier. 2,183,309; Dec. 12.
Fleck, Ben B. (See Kent, James R., assignor.)
Fleck, Christian H., assignor to S. H. Camp & Company, Jackson, Mich. Garment. 2,174,655; Oct. 3.
Fleck, John F., Latrobe, Pa., assignor to American Locomotive Company, New York, N. Y. Bar for helical springs. 2,157,820; May 9.
Fleck, Leroy S., and A. A. Mansbach, New York, N. Y. Reclamation of metals. 2,154,673; Apr. 18.
Fleck, Otto, Botha, Alberta, Canada. Plow attachment. 2,182,020; Dec. 5.
Fleckenstein, Frederick S., Syracuse, assignor to The Barrett Company, New York, N. Y. Paving process. 2,157,330; May 9.
Fleckenstein, George A., Stratford, and M. L. Waterman, Fairfield, Conn., assignors to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine lubricating system. 2,176,048; Oct. 17.
Fleet, Reuben H., W. B. Wheatley, and I. M. Laddon, San Diego, Calif. Braking method and device for airplane launching systems. 2,181,656; Nov. 28.
Fleetwings, Inc. (See de Ganahl, Carl, assignor.)
Fleetwings, Inc. (See de Ganahl, C., and Lavelle, assignors.)
Fleetwings, Inc. (See de Ganahl, C., and Sutton, assignors.)
Fleetwings, Inc. (See Sutton, Wilson L., assignor.)
Fleetwood Craftsman, Inc. (See Stollsteimer, Frederick J., assignor.)
Fleisch, Joseph R., Clifton, N. J., and J. Kosar, Brooklyn, assignors to Anchor Cap & Closure Corporation, Long Island City, N. Y. Cap and package. 2,153,427; Apr. 4.
Fleischel, Gaston, Bleneau, France. Planetary transmission system. 2,169,523; Aug. 15.
Fleischel, Gaston, Bleneau, France. Control device for variable ratio transmissions. 2,177,428; Oct. 24.
Fleischel, Gaston, Bleneau, Yonne, France. Planetary transmission system. 2,180,671; Nov. 21.
Fleischer, Dave, New York, N. Y. Weight and height correlating device. 2,146,727; Feb. 14.
Fleischer, Dave, New York, N. Y. Weight and height correlating device. 2,146,728; Feb. 14.
Fleischer, Frank H., Ft. Wayne, Ind., assignor to General Electric Company. Lubricating device. 2,175,887; Oct. 10.
Fleischer, Gerhard A. (See Schwenk, E., Whitman, and Fleischer.)
Fleischer, Max. (See Burks, John E., assignor.)
Fleischer, Paul W. (See Webber, G. R., Fleischer, and von Hofe.)
Fleischer, Paul W., Weehawken, assignor to New Jersey Machine Corporation, Hoboken, N. J. Machine for feeding sheets, labels, and the like. 2,158,280; May 16.
Fleischhauer, Richard, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Nitrodyestuff of the azine series. 2,176,420; Oct. 17.
Fleischhauer, Richard, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Monoazo dyestuffs. 2,181,051; Nov. 21.
Fleischhauer, Richard, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Monoazo dyestuffs. 2,183,489; Dec. 12.
Fleischman, George B., et al. (See Hurley, Walter G., assignor.)
Fleischman, George W. (See Earl, W., and Fleischman.)
Fleischman, Isidore. (See Levin, B. M., and Fleischman, assignors.)
Fleischmann, Richard. (See Sturm, E., and Fleischmann.)
Fleisher, Harry. (See Ingwer, M., and Fleisher.)
Fleisher, Harry, assignor to Princeton Knitting Mills, Inc., Watertown, Conn. Knitted napped pile fabric. 2,154,155; Apr. 11.
Fleisher, Walter L., New York, N. Y. Adsorption system of air conditioning. 2,147,248; Feb. 14.
Fleisher, Walter L., New York, N. Y. Air conditioning apparatus. 2,149,593; Mar. 7.
Fleishman, Myron. (See Randall, K., and Fleishman.)
Fleissig, Ernst W., Vienna, Austria. Container. 2,184,712; Dec. 26.
Fleming, Edgar I., assignor to Eagle Manufacturing Company, Wellsburgh, W. Va. Shipping-display container. 2,177,034; Oct. 24.
Fleming, Edward P., Salt Lake City, Utah, and M. F. Perkins, Woodbridge, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Production of ammonia from ammonium sulphate. 2,182,078; Dec. 5.
Fleming, Frank E. (See Fleming, Ivan R. and F. E.)
Fleming, Harry, et al. (See Wheeler, Joseph, assignor.)
Fleming, Harvey, San Diego, Calif. Shotgun barrel. 2,167,173; July 25.
Fleming, Ivan R. and F. E., Liverpool, England. Propulsion gear for ship's boat. 2,158,414; May 16.
Fleming, J. Stuart. (See Fulk, George L., assignor.)
Fleming, J. Stuart. (See Loweth, Joseph, assignor.)
Fleming, James S. B., Ardrossan, and R. C. Payn, Saltcoats, Scotland, assignors to Imperial Chemical Industries Liimted. Combustion train elements and fuse for blasting and pyrotechnic and the like purposes, and preparation thereof. 2,164,509; July 4.
Fleming, Lloyd B., Galveston, and H. E. McIntosh, Texas City, Tex. Head mask. 2,153,714; Apr. 11.
Fleming Manufacturing Company. (See Wicks, J. D., Condon, and Franklin, assignors.)
Fleming Manufacturing Company. (See Wilkinson, J. W., Morgan, and Aldham, assignors.)
Fleming Manufacturing Company. (See Wilson, Steven B., assignor.)
Fleming, Martin J., Detroit, Mich. Cut-off machine. 2,149,430; Mar. 7.
Fleming, Paul E., Glendive, Mont. Automatic wrench. 2,153,828; Apr. 11.
Fleming, Raphael S., Syracuse, F. D. Parker, Fayetteville, and W. G. Hawley, Syracuse, assignors to The Borden Company, New York, N. Y. Dried corn sirup product and producing the same. 2,149,517; Mar. 7.
Fleming, Robert G., Galva, Ill. Harvester. 2,143,264; Jan. 10.
Fleming, Samuel H., Washington, D. C. Comparing device. 2,183,095; Dec. 12.
Fleming, Walter R., Tulsa, Okla. Making irrigating tile. 2,159,690; May 23.
Flemming, Walter, Ludwigshafen-on-the-Rhine, K. Dachlauer, Hofheim-in-Taunus, and E. Schnitzler, Frankfort-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of ethyl chloride. 2,162,532; June 13.
Flenner, Albert L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition of matter. 2,161,462; June 6.
Flesch, John E. (See Cottrell, R. B., and Flesch.)
Fletcher, Alexander C., Chicago, Ill., assignor to Frankfort Distilleries, Incorporated, Louisville, Ky. Illuminated shelf display sign. 2,153,797; Apr. 11.
Fletcher, Arthur L., Pittsburgh, and B. I. Hayford, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Metal-clad switch gear. 2,151,756; Mar. 28.
Fletcher, Daniel W., assignor to Flexi-Drive Limited, Toronto, Ontario, Canada. Variable hydraulic transmission gearing. 2,153,796; Apr. 11.
Fletcher, Ed. (See Thomas, J. H., and Fletcher.)
Fletcher, Harold L., Hazeldene, Forest Row, England. Grip for handles. 2,166,044; July 11.
Fletcher, Harold L., London, England. Grip for handles. 2,166,045; July 11.
Fletcher, Harold W., assignor to Hughes Tool Company, Houston, Tex. Pipe joint and making same. 2,160,263; May 30.

Fletcher, James, Akron, and L. Kooistra, Barberton, Ohio, assignors to The Babcock & Wilcox Company, Newark, N. J. Gas purifying apparatus. 2,143,191; Jan. 10.
Fletcher, James, Akron, and E. E. Schoessow, Barberton, Ohio, assignors to The Babcock & Wilcox Company, Newark, N. J. Heat treating equipment. 2,152,138; Mar. 28.
Fletcher, James, Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Vapor generator. 2,161,031; June 6.
Fletcher, James H., Wilmette, Ill. Coal mining system. 2,155,415; Apr. 25.
Fletcher, James H., Wilmette, Ill. Mine haulage unit. 2,166,135; July 18.
Fletcher, James L. (See Atchison, L. W., and Fletcher.)
Fletcher, James L., Schenectady, N. Y., assignor to eneral Electric Company. Food storage receptacle for refrigerators. 2,177,522; Oct. 24.
Fletcher, Joseph A., Ridgewood, N. J., assignor of one-half to R. Newbold, New Rochelle, N. Y. Display device. 2,160,724; May 30.
Fletcher, Junious, Portsmouth, Va. Gasket. 2,159,144; May 23.
Fletcher, Milton, New York, N. Y. Support for neon tubes. 2,145,169; Jan. 24.
Fletcher, Myles W., assignor to Utility Sales Corporation, Atlanta, Ga. Permanent waving. 2,173,297; Sept. 19.
Fletcher, Pierce, assignor to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. 2,179,621; Nov. 14.
Fletcher, Richard H., Hamburg, N. Y. Crate. 2,179,847; Nov. 14.
Fletcher, William G., Bogota, N. J. Scooter. 2,180,143; Nov. 14.
Fletcher Works, Incorporated. (See Schaum, Fletcher, assignor.)
Flett, Lawrence H., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Forming nuclear alkyl derivatives of phenols. 2,166,136; July 18.
Flett, Lawrence H., Hamburg, assignor to National Aniline and Chemical Company, Incorporated, New York, N. Y. Sulphonated arylides. 2,166,949; July 25.
Flett, Lawrence H., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Alkyl hydroxy aromatic compounds. 2,178,571; Nov. 7.
Fleuret, André M., assignor to Etablissements Rouzaud & Fils, Paris, France. Binding medium. 2,182,291; Dec. 5.
Fleury, Alexander L., Milwaukee, Wis. Rope fastener. 2,154,610; Apr. 18.
Flexiback Machinery Company. (See Kitcat, Alfred J., assignor.)
Flexible Steel Lacing Company. (See Olsen, John C., assignor.)
Flexi-Drive Limited. (See Fletcher, Daniel W., assignor.)
Flexofiltration Limited. (See Belyavin, Paul, assignor.)
Flex-O-Tube Company, The. (See Couty, Norman M., assignor.)
Flex-O-Tube Company, The. (See Miller, William H., assignor.)
Flick, Karl. (See Friederich, W., and Flick.)
Flick, Zeno E., Jackson, Mich. Bearing seal. 2,170,134; Aug. 22.
Flickinger, Dale B., assignor to The Belflex Corporation, Toledo, Ohio. Vehicle shackle. 2,162,479; June 13.
Fligor, Kermith K., Lakewood, Ohio, assignor to Carbide and Carbon Chemicals Corporation. Heat stable vinyl resin compositions. 2,181,478; Nov. 28.
Flindt, Albert O., Schenectady, N. Y., assignor to General Electric Company. Surface cooler. 2,166,808; July 18.
Flinn, Roland W., Oakland, Calif. Tensioning hair. 2,156,808; May 2.
Flint, Francis C., Zanesville, Ohio, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Apparatus for decorating glassware and other articles. 2,160,725; May 30.
Flint, George C., Oak Park, Ill., assignor to Vapo Systems Equipment Company. Vaporizer. 2,146,808; Feb. 14.
Flint, George C., Oak Park, Ill., assignor to Vapo Systems Equipment Company. Vaporizer. 2,146,809; Feb. 14.
Flint, Harry M., and J. E. Moe, assignors to The Gates Rubber Company, Denver, Colo. Teat-cup lining. 2,164,706; July 4.
Flint, Hyland C., Royal Oak, Mich., assignor to Patent Sales, Inc. Seat construction. 2,163,751; June 27.
Flint, Hyland C., Royal Oak, assignor to Patent Sales, Inc., Detroit, Mich. Seat construction. 2,177,363; Oct. 24.
Flint, James A. (See Francis E. V., and Flint.)
Flint, James A., Bexley, Ohio, assignor to The Traylor Vibrator Company. Vibratory screen. 2,153,243; Apr. 4.
Flint, James E., North Newport, N. H. Liquid coating composition. 2,184,182; Dec. 19.
Flint, Perley G., assignor to Field and Flint Co., Brockton, Mass. Shoe. 2,142,839; Jan. 3.
Flint, Robert B., Wilmington, Del., and J. A. Mitchell, Kenmore, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproof coated sheet. 2,177,645; Oct. 31.
Flint, Robert B., and P. L. Salzberg, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Amides of acids of phosphorus. 2,152,380; Mar. 21.
Flint, Robert R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Long chain alkyl quaternary ammonium fluosilicates. 2,150,601; Mar. 14.
Flint, Thomas, Concord, Mass., assignor to J. W. Greer Company, Inc. Conveyer bunching device. 2,151,693; Mar. 28.
Flipo, Joseph. (See Pennel, J., and Flipo.)
Flock, Bernard J., and E. F. Nelson, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,163,275; June 20.
Flodin, John. (See Court, A. B., Copenhaver, and Flodin.)
Flodin, John, Washington, D. C. Automatic braking means for hoisting devices. 2,182,800; Dec. 12.
Floeter, Frederick S., Saginaw, Mich. Tool holder for lathes. 2,154,739; Apr. 18.
Flogaus, Howard A., Ferndale, assignor, by mesne assignments, to Yellow Truck and Coach Manufacturing Company, Pontiac, Mich. Overrunning clutch. 2,172,653; Sept. 12.
Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Tag fastening device. 2,152,349; Mar. 28.
Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Tag. 2,160,726; May 30.
Flood, Carl A., assignor to Dennison Manufacturing Company, Framingham, Mass. Tag. 2,184,777; Dec. 26.
Flood, William F. (See Stephens, J. P., Steele, Flood, and Rader.)
Flood, William E., and G. B. Howells, Metuchen, N. J., assignors to Catalin Corporation of America. Phenolic resin molding composition. 2,168,981; Aug. 8.
Flook, Herbert T., et al. (See Thomas, William S., assignor.)
Flook, Stanford, et al. (See Thomas, William S., assignor.)
Flor, Henry H., et al. (See Rosener, Harold J., assignor.)
Flora, Charles B., assignor to Flora Manufacturing Company, Incorporated, Danville, Va. Adjustable lock strike. 2,153,080; Apr. 4.
Flora Manufacturing Company. (See Flora, Charles B., assignor.)
Floraday, Burton S., Toledo, Ohio, assignor, by mesne assignments, to Detroit Harvester Company, Detroit, Mich. Window regulator. 2,153,689; Apr. 11.
Floraday, Burton S., Toledo, Ohio, assignor, by mesne assignments, to Detroit Harvester Company, Detroit, Mich. Window regulator mechanism. 2,162,075; June 13.
Floraday, Burton S., Toledo, Ohio, assignor, by mesne assignments, to Detroit Harvester Company, Detroit, Mich. Window regulator clutch. 2,176,049; Oct. 17.
Florang, Emil A., Burlington, Iowa. Folding stand for baskets. 2,175,288; Oct. 10.
Florea, Manuel, assignor to L. C. Schmidt, Springfield, Ill. Ruffle press. 2,171,356; Aug. 29.
Florence Manufacturing Company. (See Florence, Saulia O., assignor.)
Florence, Saulia O., assignor to Florence Manufacturing Company, Chicago, Ill. Mail box. 2,164,855; July 4.
Flores, Antonio C., San Antonio, Tex. Building block. 2,179,407; Nov. 7.
Flores, Pedro G., Marianao, Cuba. Copy holder carriage. 2,165,042; July 4.
Floreth, Alvin H., Chicago, Ill. Door closer and mount. 2,150,435; Mar. 14.
Floreth, Alvin H., assignor to Gardner Wire Co., Chicago, Ill. Door closer. 2,149,047; Feb. 28.
Floreth, Alvin H., assignor to Gardner Wire Co., Chicago, Ill. Door spring. 2,165,792; July 11.
Florian, Berkeley, J., Plantsville, Conn. Mechanism for cutting sheet material. 2,174,222; Sept. 26.
Florida Citrus Exchange. (See Bustamante, Ramon, assignor.)
Florman, Irving, New York, N. Y. Cigarette lighter. 2,156,586; May 2.
Florman, Irving, New York, N. Y. Portable electric lamp. 2,180,228; Nov. 14.
Flory, Leslie E. (See Morton, G. A., and Flory.)
Flory, Leslie E., Oaklyn, and G. A. Morton, Haddon Heights, N. J., assignors to Radio Corporation of America. Electric discharge device. 2,156,625; May 2.
Flory, Leslie E., Oaklyn, and G. A. Morton, Audubon, N. J., assignors to Radio Corporation of America. Electric discharge device. 2,173,229; Sept. 19.
Flory, Lesly E., Oaklyn, N. J., assignor to Radio Corporation of America. Photoelectric cathode. 2,175,888; Oct. 10.
Flory, Paul J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization process. 2,172,374; Sept. 12.
Flosdorf, Earl W., Ardmore, assignor to The Trustees of the University of Pennsylvania, Philadelphia, Pa. Laboratory apparatus. 2,163,996; June 27.
Floss, Carl W., Detroit, Mich. Honing mechanism. 2,160,494; May 30.
Floss, Carl W., Detroit, Mich. Automatic honing mechanism and control means therefor. 2,164,811; July 4.
Flotron, Paul E., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Manufacture of cork block and insulation. 2,167,800; Aug. 1.
Flotron, Paul E., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Apparatus for manufacture of cork block and insulation. 2,167,801; Aug. 1.

Flower, David B., Philadelphia, Pa. Pipe hanger. 2,161,782; June 13.
Flower, Frank M., Oyster Bay, N. Y. Destruction of vermin on shellfish beds. 2,181,882; Dec. 5.
Flowers, Henry F. (See Clark, Charles H., assignor.)
Flowers, Henry F., Findlay, Ohio. Control mechanism for vehicles. 2,176,170; Oct. 17.
Flowers, Henry F., Findlay, Ohio. Driving mechanism for vehicles. 2,176,171; Oct. 17.
Flowers, Henry F., Findlay, Ohio. Vehicle bogie. 2,176,172; Oct. 17.
Floyd, George G., deceased, Chicago, Ill.; Union Trust Company, Greenburg, Ind., executor. Pressure cooker. 2,176,865; Oct. 17.
Floyd, Nathaniel M. (See Barton, P. D., Finsterbusch, and Floyd.)
Floyd, Samuel R., assignor to Pioneer Atlanta Company, Incorporated, Atlanta, Ga. Support for heddle bars. 2,175,519; Oct. 10.
Floyd-Wells Company, The. (See Schneider, F. H., and Saponara, assignors.)
Floyd-Wells Company, The. (See Schneider, Frank H., assignor.)
Flink, John H., assignor to Hood Rubber Company, Inc., Watertown, Mass. Apparatus for coating articles. 2,171,723; Sept. 5.
Fluallen, James H. (See Croston, G., and Fluallen.)
Fluellen, Robert L., Houston, Tex. Slip. 2,156,384; May 2.
Flügge, Friedo. (See von Retze, E., and Flügge.)
Flugge, Sylvester L. (See Stevenson, A. E., and Flugge.)
Flugge, Sylvester L., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Method of and apparatus for coating sheet metal container side seams. 2,181,319; Nov. 28.
Fluid Packed Pump Company. (See Connor, William L., assignor.)
Fluitkote Company, The. (See Gabriel, L. G., and Blott, assignors.)
Flukes, Andrew, Gary, Ind., assignor to Mills Novelty Company, Chicago, Ill. Refrigerating apparatus. 2,150,369; Mar. 14.
Flumerfelt, William A., assignor to The Columbus Auto Parts Company, Columbus, Ohio. Joint. 2,167,174; July 25.
Flumerfelt, William A., assignor to The Columbus Auto Parts Company, Columbus Ohio. Ball joint. 2,181,300; Nov. 28.
Fluor Corporation, The. (See Henderson, E., Reddick, and Laulhere, assignors.)
Fluor Corporation, The. (See Hutchinson, Arthur J. L., assignor.)
Fluor Corporation Ltd., The, et al. (See Hutchinson, Arthur J. L., assignor.)
Fluor Corporation, The. (See Laulhere, Bernard M., assignor.)
Flurl, Joseph. (See Tischner, H., Flurl, and Wessels.)
Flurscheim, Cedric H., Fleet, England, assignor to General Electric Company. Multibreak high voltage circuit breaker. 2,155,263; Apr. 18.
Fluvario Limited. (See Guinness, Edward E., assignor.)
Fly Fish Kit Company. (See Schumann, William H., assignor.)
Flygare, Carl G. (See Belden, A. G., and Flygare.)
Flygare, Carl G. (See Wood, W. H., and Flygare.)
Flygare, Carl G., assignor to Norton Company, Worcester, Mass. Grinding wheel spindle reciprocating apparatus. 2,151,655; Mar. 21.
Flygare, Carl G., and I. A. Taylor, assignors to Norton Company, Worcester, Mass. Grinding machine steady rest. 2,151,636; Mar. 21.
Flygare, Carl G., and H. A. Silven, assignors to Norton Company, Worcester, Mass. Hydraulic surface grinding machine. 2,151,637; Mar. 21.
Flygare, Carl G., assignor to Norton Company, Worcester, Mass. Grinding machine table reciprocating mechanism. 2,161,150; June 6.
Flygare, Carl G., assignor to Norton Company, Worcester, Mass. Grinding wheel truing apparatus. 2,170,605; Aug. 22.
Flygare, Carl G., assignor to Norton Company, Worcester, Mass. Grinding machine. 2,170,606; Aug. 22.
Flygare, Carl G., assignor to Norton Company, Worcester, Mass. Form grinding apparatus. 2,179,211; Nov. 7.
Flygare, Carl G., assignor to Norton Company, Worcester, Mass. Hydraulically operated cylindrical grinding machine. 2,183,490; Dec. 12.
Flynn, Benjamin H., Alexandria, La. Road machine. 2,181,320; Nov. 28.
Flynn, Edward P., assignor to Eastman Kodak Company, Rochester, N. Y. Package for light-sensitive photographic materials. 2,144,453; Jan. 17.
Flynn, Kirtland. (See Demarest, M., and Flynn.)
Flynn, Mortimer B., and J. L. Cobb, Chicago, Ill. Shoe. 2,182,843; Dec. 12.
Flynn, Theodore P., and R. E. Neils, Portland, Oreg., dedicated to the free use of the People of the United States of America. Combined gear powered bulldozer and hoist. 2,166,105; July 18.
Flynn, Theodore P., and R. E. Neils, Portland, Oreg., dedicated to the free use of the People of the United States of America. Portable trail compressor. 2,166,780; July 18.
Focher, Frank, Jr., Worden, Mont. Power transmission. 2,158,227; May 16.
Focht, Frank S., Bell, Calif. Lubricator. 2,159,656; May 23.
Focht, Louis, Trenton, N. J. Steel flooring. 2,142,640; Jan. 3.
Focht, Nevin S., Cleveland, Ohio. Hydraulic shock absorber. 2,144,583; Jan. 17.
Focht, Nevin S., Reading, Pa. Universal joint. 2,149,763; Mar. 7.
Fodor, Ferens H., assignor to Regan-Day, Inc., Los Angeles, Calif. Electromagnetic control device. 2,176,897; Oct. 24.
Fodor, Nicholas, Wanwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Internal combustion engine. 2,165,176; July 4.
Foehr, Joseph F., Garden City, N. Y. Picker for looms. 2,167,830; Aug. 1.
Fogarty, Joseph A., Providence, R. I. Identification tag. 2,176,253; Oct. 17.
Fogas, Livius V., deceased, assignor of one-eighth to F. Anderson, one-eighth to C. C. Johnson, and one-tenth to G. D. Seghi, Detroit, Mich.; E. P. Echlin, administrator. Gas burner. 2,174,626; Oct. 3.
Fogg, Charles E. (See Bachman, B. B., Fogg, and Macklin.)
Fogg, Newell T., Sanford, Maine. Body adjuster. 2,172,609; Sept. 12.
Fogler, Mayor F., Prince George County, Va., assignor to The Solvay Process Company, New York, N. Y. Production of nitrates and chlorinated organic compounds. 2,174,574; Oct. 3.
Fohn, Adolf E., assignor to Aurora Steel Products Company, Aurora, Ill. Closure lock. 2,163,752; June 27.
Fohs Oil Company. (See De Long, Raleigh, assignor.)
Fohs Oil Company. (See Reed, Howard L., assignor.)
Folberth, Frederick G. and W. M., Cleveland, Ohio. Windshield cleaner. 2,144,454; Jan. 17.
Folberth, William M. (See Folberth, Frederick G. and W. M.)
Földi, Zoltán, Budapest, assignor to the firm Chinoin Gyogyszer És Vegyészeti Termékek Gyára R. T. (Dr. Kereszty and Dr. Wolf), Ujpest, Hungary. Production of polydroxyfushsone derivatives by means of aliphatic groups. 2,184,491; Dec. 26.
Folds, George R., assignor to Cook Electric Company, Chicago, Ill. Heat motor. 2,147,695; Feb. 21.
Folds, George R., assignor to Cook Electric Company, Chicago, Ill. Heat motor. 2,176,254; Oct. 17.
Foley, Charles F. (See Worden, N. P., and Foley.)
Foley, Francis B. (See Frevert, H. L., and Foley.)
Foley, Fred C., Buffalo Ridge, Va., assignor of one-half to G. H. Hutaff, Jr., Wilmington, N. C. Convertible pencil. 2,174,440; Sept. 26.
Foley, L. L. (See Long, Jon R., assignor.)
Foley, William M., Medford, Oreg. Internal combustion motor. 2,171,689; Sept. 5.
Folger, Everett F., Los Angeles, Calif., assignor to Super Ironer Corporation, St. Joseph, Mich. Folding machine. 2,145,592; Jan. 31.
Folk, Joseph, assignor to U. S. Slicing Machine Company, La Porte, Ind. Substance support. 2,144,259; Jan. 17.
Folke, Bengt E., Mamaroneck, assignor to Nathan Manufacturing Company, New York, N. Y. Choke fitting for steam heat pipes. 2,151,656; Mar. 21.
Folke, Bengt E., Mamaroneck, assignor to Nathan Manufacturing Company, New York, N. Y. Valve. 2,151,657; Mar. 21.
Folke, Bengt E., Mamaroneck, assignor to Nathan Manufacturing Company, New York, N. Y. Injector. 2,151,658; Mar. 21.
Folker, Herbert P., Oakland, assignor to National Safety Appliance Co., Ltd., San Francisco, Calif. Dispensing apparatus. 2,169,445; Aug. 15.
Follen, James H., assignor, by mesne assignments to Midway Chemical Co., Chicago, Ill. Mop holder. 2,164,395; July 4.
Follett, Benjamin B., Warwick, R. I., assignor to United Electric Railways Company. Circuit breaker for electrically powered vehicles. 2,180,871; Nov. 21.
Follsain Syndicate Limited. (See Leverick, Frank, assignor.)
Folmer Graflex Corporation, The. (See Hineline, Edson S., assignor.)
Folsom, Elwood E., Trumbull, Conn., assignor to General Electric Company. Lamp socket. 2,152,471; Mar. 28.
Folsom, Elwood E., Jr., Trumbull, Conn., assignor to General Electric Company. Electric cord assembly for vacuum cleaners or the like. 2,171,331; Aug. 29.
Folsom, Elwood E., Trumbull, Conn., assignor to General Electric Company. Electric plug. 2,174,383; Sept. 26.
Folsom, Leon T., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Fuel pump for supercharged engines. 2,171,209; Aug. 29.
Foltz, Jefferson E., assignor to Coffee-et, Inc., Winnetka, Ill. Cabinet. 2,143,239; Jan. 10.
Fonarow, Nelson J., et al. (See Geller, Leon W., assignor.)
Fonda, Alfred S., Elmira, N. Y. Portable traffic signal. 2,167,564; July 25.
Fonda Container Company. (See Wallace, Harold J., assignor.)

Fonda, Gorton R., Schenectady, N. Y., assignor to General Electric Company. Light-transforming screen or reflector and making and using the same. 2,149,992; Mar. 7.
Fonda, Gorton R., Schenectady, N. Y., assignor to General Electric Company. Composition containing a rhodamine derivative. 2,149,993; Mar. 7.
Fonda, Gorton R., Schenectady, N. Y., assignor to General Electric Company. Fluorescent screen. 2,177,701; Fonda, Gorton R., Schenectady, N. Y., assignor to General Electric Company. Fluorescent materials. 2,184,274; Dec. 26.
Fong, Harold. (See Singer, Henry, assignor.)
Fontaine, Robert A., Martinsville, Va. Truck and trailer connection. 2,142,748; Jan. 3.
Foo, Richard. (See Farrens, Edward F., assignor.)
Food Dispenser Company, The. (See Loewe, Alfred F., assignor.)
Food Dispenser Company, The. (See Wildermann, Rudolf, assignor.)
Food Machinery Corporation. (See Coleman, William L. and C. R., assignors.)
Food Machinery Corporation. (See Hait, James M., assignor.)
Food Machinery Corporation. (See Holmes, Herbert G., assignor.)
Food Machinery Corporation. (See Jones, L. E., and Smith, assignors.)
Food Machinery Corporation. (See Kerr, Charles E., assignor.)
Food Machinery Corporation. (See Lisle, Howard C., assignor.)
Food Machinery Corporation. (See Luhdorff, Frederick H., assignor.)
Food Machinery Corporation. (See Magnuson, Roy M., assignor.)
Food Machinery Corporation. (See Marsden, George P., assignor.)
Food Machinery Corporation. (See Matthews, Vinton H., assignor.)
Food Machinery Corporation. (See Mondloch, Henry, assignor.)
Food Machinery Corporation. (See Morse, James W., assignor.)
Food Machinery Corporation. (See Paxton, Gerald C., assignor.)
Food Machinery Corporation. (See Paxton, Hale, assignor.)
Food Machinery Corporation. (See Paxton, Hale and G. C., assignors.)
Food Machinery Corporation. (See Phillips, Charles S., assignor.)
Food Machinery Corporation. (See Rick, Edward S., assignor.)
Food Machinery Corporation. (See Sells, Neal S., assignor.)
Food Machinery Corporation. (See Sharma, Jagan N., assignor.)
Food Machinery Corporation. (See Stebler, Fred, assignor.)
Food Machinery Corporation. (See Stockdale, Harry C., assignor.)
Food Machinery Corporation. (See Thompson, Albert R., assignor.)
Food Machinery Corporation. (See Twomley, Herbert E., assignor.)
Foote, Arthur B., Grass Valley, Calif. Center feed stamp mill. 2,144,799; Jan. 24.
Foote Bros. Gear and Machine Corporation. (See Lewis, Otto L., assignor.)
Foote-Burt Company, The. (See Knox, William R., assignor.)
Foote Company, The. (See Lundbye, Axel E., assignor.)
Foote, Edward B. (See Stricklen, J. R., and Foote.)
Foote Gear Works, Inc. (See Davis, Harold G., assignor.)
Foote, Thomas W., Cleveland, Ohio. Resilient edge construction for seats. 2,146,136; Feb. 7.
Foote, Thomas W., Cleveland, Ohio. Chair construction. 2,169,139; Aug. 8.
Foothorap, Harry A., Harrisburg, Pa., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Combined calculating and recording machine. 2,145,254; Jan. 31.
Foran, Edwin V. (See Walker, J. P., and Foran.)
Forbes, Allan D. (See Hodnette, J. K., and Forbes.)
Forbes, Allan D., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cover clamp. 2,162,480; June 13.
Forbes, Allan D., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Producing corrugated cases. 2,169,025; Aug. 8.
Forbes, Allan D., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Overload protective means. 2,175,889; Oct. 10.
Forbes, George T., assignor of one-half to R. H. Schwarz Rubber Corporation, Cleveland, and one-half to The Ohio Rubber Company, Willoughby, Ohio. Making flexible hose. 2,176,762; Oct. 17.
Forbes, Gertrude K., Pasadena, Calif. Spoon holder for saucepans. 2,164,649; July 4.
Forbes, John S., Mount Lebanon, Pa. Valve. 2,144,754; Jan. 24.
Forbes, John Marvin, Pike Lake, Saskatchewan, Canada. Coaster sled. 2,175,628; Oct. 10.
Forbes, John W., Marlborough, assignor to The Lapointe Machine Tool Company, Hudson, Mass. Broach locking device. 2,154,039; Apr. 11.
Forbes, Lewis J.-B., St. Helens, England, assignor to The American Securit Company. Furnace for heating glass plates for tempering. 2,170,749; Aug. 22.
Forbes Lithograph Manufacturing Company. (See Little, John W., assignor.)
Forbes, Walter S., Staten Island, N. Y. Returnable utility cabinet. 2,181,399; No. 28.
Force, William A., III. (See Muller, William F., assignor.)
Forcier, Paul M., West Bridgewater, Mass. Support. 2,144,049; Jan. 17.
Ford, Charles N., et al. (See Brown, Cyrus R., assignor.)
Ford, Claude H., Birmingham, Ala., assignor to H. H. Leiter, Warsaw, Ind. Hyperextension frame. 2,152,734; Apr. 4.
Ford, David O., assignor of one-half to J. M. Hanson, Colonial Heights, Va. Match holder. 2,183,096; Dec. 12.
Ford, Eugene A., Scarsdale, assignor to International Business Machines Corporation, New York, N. Y. Electromagnetically operated setting mechanism. 2,172,061; Sept. 5.
Ford, Florence M., and A. L. Lippert, assignors to Joseph Bancroft & Sons Co., Wilmington, Del. Organdy. 2,150,825; Mar. 14.
Ford, Florence M., assignor to Joseph Bancroft & Sons Co., Wilmington, Del. Finishing lightweight fabrics. 2,157,600; May 9.
Ford, Francis T., assignor of one-half to The Ford Welding and Engineering Company Limited, Cardiff, Wales. Bearing lining jig. 2,173,199; Sept. 19.
Ford, Frank E., Chicago, Ill. Stoker-fed furnace. 2,142,099; Jan. 3.
Ford, Frank R., Small Heath, Birmingham, England. Duplicating machine. 2,149,012; Feb. 28.
Ford, Frank R., Small Heath, Birmingham, England. Duplicating machine. 2,164,707; July 4.
Ford, Frank R., Sparkbrook, Birmingham, England. Duplicating machine. 2,171,061; Aug. 29.
Ford, Frank R., Birmingham, England. Clutch and motor control for duplicating machines. 2,174,207; Sept. 26.
Ford, Frank R., Sparkbrook, Birmingham, England. Duplicating machine. 2,174,208; Sept. 26.
Ford, Frederick P., Cheddar, Somerset, A. C. Cope, Winscombe, Somerset, and A. G. H. Gough, Tweentown, Cheddar, Somerset, England. Means or device for protecting the hoofs of animals. 2,163,361; June 20.
Ford, Geo. E., et al. (See Burton, E. F., assignor.)
Ford, George E. (See Hastings, H., and Ford.)
Ford, George E., assignor to Rochester Manufacturing Co., Inc., Rochester, N. Y. Temperature indicator. 2,147,021; Feb. 14.
Ford, George E., assignor to Rochester Manufacturing Co., Inc., Rochester, N. Y. Thermometer. 2,158,751; May 16.
Ford, George R., Jr., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for tempering glass. 2,160,065; May 30.
Ford, George R., Jr., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for tempering glass sheets. 2,166,348; July 18.
Ford, Harold P., Seattle, Wash. Construction system. 2,166,658; July 18.
Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Internal combustion engine. 2,151,423; Mar. 21.
Ford, Henry, assignor to Ford Motor Company, Dearborn, Mich. Internal combustion engine. 2,170,015; Aug. 22.
Ford, Homer P., Forest Hills, assignor to The Gillord Corporation, New York, N. Y. Making bearings. 2,164,737; July 4.
Ford Instrument Company. (See Poitras, E. J., and Tear, assignors.)
Ford Instrument Company. (See Newell, William H., assignor.)
Ford, Jacob F., Konawa, Okla. Valve. 2,153,458; Apr. 4.
Ford, James G., Forest Hills, and C. F. Hill, Edgewood, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fireproof cable compound. 2,158,281; May 16.
Ford, John B., Schenectady, N. Y., assignor to General Electric Company. Manufacturing cooperating punches and dies. 2,172,970; Sept. 12.
Ford, John L., assignor to Ford Meter Box Company, Wabash, Ind. Meter setter 2,165,626; July 11.
Ford, Karl L., Durham, N. H., assignor of one-third to W. B. Willcutt, Flushing, N. Y., and one-third to E. M. Sawtelle, York, Maine. Method of and apparatus for vacuum sealing containers. 2,154,266; Apr. 11.
Ford, Larkin J., assignor of one-half to W. P. Hayden, Owensboro, Ky. Fishing rod. 2,158,932; May 16.
Ford, Lee W. (See Parsons, Edward B., assignor.)
Ford, Luther, & Company. (See Ford, Robert E., assignor.)
Ford Meter Box Company. (See Ford, John L., assignor.)
Ford Motor Company. (See Ford, Henry, assignor.)
Ford Motor Company. (See Galamb, Joseph, assignor.)
Ford Motor Company. (See Greggorie, Eugene T., assignor.)

Ford Motor Company. (See McCarroll, Russell H., assignor.)
Ford Motor Company. (See Sheldrick, Laurence S., assignor.)
Ford Motor Company. (See Simpson. Howard W., assignor.)
Ford Motor Company. (See Zoerlein, Emil, assignor.)
Ford, Reid G., Scarsdale, N. Y. Interleaving device. 2,142,504; Jan. 3.
Ford, Robert E., assignor to Luther Ford & Company, Minneapolis, Minn. Machine for applying films to pouring orifices of bottle containers. 2,164,908; July 4.
Ford, Robert E., assignor to Luther Ford & Company, Minneapolis, Minn. Machines for applying films to pouring orifices of containers. 2,177,625; Oct. 24.
Ford Roofing Products Company. (See O'Reilly, Martin G., assignor.)
Ford, Walter D., Columbus, Ohio. Producing colored designs on ceramic ware. 2,147,770; Feb. 21.
Ford, Walter D., Columbus, Ohio. Molded body of synthetic resin containing photographic designs. 2,180,002; Nov. 14.
Ford, Walter D., Columbus, Ohio. Transferringv photographic designs on ceramic ware. 2,181,452; Nov. 28.
Ford Welding and Engineering Company Limited, The. (See Ford, Francis T., assignor.)
Ford, William H., assignor to Red Head Brand Company, Chicago, Ill. Dresser for fishing lines and flies. 2,179,548; Nov. 14.
Ford, William H., Williamsville, N. Y. Machining curved surfaces. 2,180,872; Nov. 21.
Ford, William R., Oakland, Calif. Rack for cigarette packages. 2,182,255; Dec. 5.
Fordyce, Charles R. (See Malm, C. J., and Fordyce.)
Fordyce, Charles R., and M. Salo, assignors to Eastman Kodak Company, Rochester, N. Y. Stabilization of polyvinyl acetal resins. 2,159,263; May 23.
Fordyce, Charles R., and G. D. Hiatt, assignors to Eastman Kodak Company, Rochester, N. Y. Mixed esters of cellulose containing unsaturated acid radicals. 2,170,016; Aug. 22.
Fordyce, Charles R., and J. G. Stampfli, assignors to Eastman Kodak Company, Rochester, N. Y. Preparation of cellulose ethers. 2,172,242; Sept. 5.
Fore, Harry A., and A. K. Edgerton, Los Angeles, Calif. Geophysical instrument. 2,160,356; May 30.
Foreman, John C., Grand Island, Nebr. Rail jack. 2,147,527; Feb. 14.
Foresman, Robert A., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Flow control apparatus for gaseous media. 2,149,392; Mar. 7.
Foresman, Robert A., Prospect Park, and D. J. Mosshart, Springfield, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Combustion control. 2,149,393; Mar. 7.
Foresman, Robert A., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Combustion apparatus. 2,164,510; July 4.
Forest Products Chemical Company. (See Albin, Thomas C., assignor.)
Forest Wadding Company. (See Bangs, Ralph L., assignor.)
Forg, Franz. (See Hipple, Hermann, assignor.)
Forgea, Emmett G., Fort Sill, Okla. Reading glass. 2,150,916; Mar. 21.
Forges de Strasbourg (Societe Anonyme). (See Fould, Maurice, assignor.)
Forging and Casting Corporation. (See Krause, Charles W., assignor.)
Forichon, Gaston S., Paris, France. Press and method of pressing. 2,173,583; Sept. 19.
Forkner, J. C., Inc. (See Forkner, John H., assignor.)
Forkner, John H., Fresno, Calif., assignor to J. C. Forkner, Inc. Food product and making it. 2,157,485; May 9.
Forman, Paris R. (See Conklin, R. D., and Forman.)
Forman, Paris R., Rahway, N. J., assignor to National Pneumatic Company, New York, N. Y. Door-operating mechanism. 2,173,475; Sept. 19.
Formhals, Anton, assignor of forty-five one-hundredths to R. Schreiber-Gastell, Mainz, Germany. Producing artificial fibers. 2,158,415; May 16.
Formhals, Anton, assignor of forty-five one-hundredths to R. Schreiber-Gastell, Mainz, Germany. Method and apparatus for the production of artificial fibers. 2,158,416; May 16.
Formhals, Anton, assignor of 45/100 to R. Schreiber-Gastell, Mainz, Germany. Method and apparatus for spinning. 2,160,962; June 6.
Formhals, Emil J., assignor to Formhals Engineering Company, Detroit, Mich. Proportioning device. 2,174,784; Oct. 3.
Formhals Engineering Company. (See Formhals, Emil J., assignor.)
Formway, William E., Los Altos, Calif. Walnut-hulling device. 2,147,022; Feb. 14.
Formway, William E., Los Altos, Calif. Walnut huller. 2,161,032; June 6.
Fornefeld, Joseph R. (See Ibold, W. E., and Fornefeld.)
Forni, Natale, Oakland, Calif. Garbage incinerator. 2,151,320; Mar. 21.
Forrer, Henry A., assignor to John-Full Steel Products, Inc., Canton, Ohio. Multiple locker. 2,163,835; June 27.
Forrest, Evelyn, Brooklyn, N. Y. Garment. 2,144,875; Jan. 24.
Forrest, Henry C., Merchantville, N. J. Artificial fiber. 2,174,575; Oct. 3.
Forrest, Henry C., Merchantville, N. J. Article of manufacture and making same. 2,174,576; Oct. 3.
Forrest, Henry O. (See Keith, P. C., Jr., and Forrest.)
Forrest, Henry O., Teaneck, and L. Van Horn, Westfield, N. J., assignors to Standard Oil Company, Chicago, Ill. Refining lubricating oils with propane. 2,143,872; Jan. 17.
Forrester, Jay H. (See Roberts, J. K., Forrester, and Diwoky.)
Fors, Eric H., St. Albans, England, assignor to Morgan Construction Company, Worcester, Mass. Seal. 2,182,892; Dec. 12.
Forsberg, Axel A., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Coupling. 2,150,765; Mar. 14.
Forsberg, Erk A., Nockeby, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Inlet and outlet for closed centrifugal separators. 2,145,541; Jan. 31.
Forsberg, Erik A., Stockholm, Sweden, assignor, by mesne assignments, to The De Laval Separator Company, New York, N. Y. Centrifuge for continuously separating semisolid constituents. 2,155,787; Apr. 25.
Forsberg, Jack, Salt Lake City, Utah. Shoe shining device. 2,177,298; Oct. 24.
Forsberg, Oscar F., Yonkers, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switch. 2,144,839; Jan. 24.
Forschein, Max. (See Toro, J. D., and Forschein.)
Forshey, Thomas H., Monrovia, Calif. Metal cutting and forming machine. 2,168,704; Aug. 8.
Forss, Frithiof P., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Motor armature. 2,154,740; Apr. 18.
Forss, Frithiof P., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Grinder and control valve therefor. 2,166,757; July 18.
Forss, Fritz V., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Electric drill. 2,158,228; May 16.
Forssell, Carl A., Stockholm, Sweden. Power bond. 2,154,674; Apr. 18.
Forssell, Harry. (See Lamm, U., and Forssell.)
Förster, Friedrich, Berlin-Wilmersdorf, Germany. Arched roof construction. 2,183,451; Dec. 12.
Förster, Fritz, Stuttgart, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Apparatus for testing the mechanical oscillation properties of bodies. 2,178,252; Oct. 31.
Forster, Harry J., Chicago, Ill. Tube scraper. 2,173,606; Sept. 19.
Forsthoefel, Gregg F., Adrian, Mich., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. Re. 21,178; Aug. 22.
Forsthoefel, Gregg F., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,166,628; July 18.
Forsthoefel, Gregg F., Adrian, Mich., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cabinet construction. 2,166,630; July 18.
Forstner Chain Corporation. (See Forstner, William, assignor.)
Forstner Chain Corporation. (See Schoeninger, Adolf O., assignor.)
Forstner Chain Corporation. (See Schwarz, Joachim, assignor.)
Forstner, William, East Orange, N. J., assignor to Forstner Chain Corporation. Detachable connection. 2,178,572; Nov. 7.
Forsyth, Archibald G., and G. J. Smith-Pert, Cheam, assignors to The Fairey Aviation Company Limited, Hayes, Middlesex, England. Varying the pitch of propeller blades, especially aircraft propeller blades. 2,161,917; June 13.
Forsyth, Peter M., Raetihi, New Zealand. Detonator. 2,178,723; Nov. 7.
Forsythe, Herbert, assignor to Waddell Manufacturing Company, Grand Rapids, Mich. Knob attaching device. 2,153,919; Apr. 11.
Forter, Samuel A., Avalon, Pa., assignor to Forter-Teichmann Company. Glass furnace and operation. 2,179,848; Nov. 14.
Forter-Teichmann Company. (See Forter, Samuel A., assignor.)
Fortin, Joseph O., Ottawa, Ontario, Canada. Combination fire alarm and sprinkler head. 2,164,611; July 4.
Fortney, Fred W., and J. A. Bell, Clayton, N. Mex. Wheel. 2,152,957; Apr. 4.
Fortney, Rufus L., Viroqua, Wis. Maintaining a dental varnish dispenser in usable condition. 2,142,780; Jan. 3.
Forton, George, Detroit, Mich. Airship. 2,160,850; June 6.
Fort Smith Structural Steel Company. (See Sugarman. Barney, assignor.)
Fort Stanwix Manufacturing Co. (See Ahles, George J., assignor.)

Fortunato, Marino, assignor to "Montecatini" Societa Generale per l'Industria Mineraria e Chimica, Milan, Italy. Treating artificial casein fibers. 2,146,116; Feb. 7.

Fortunato, Marino, assignor to "Montecatini" Società Generale per l'Industria Mineraria e Chimica, Milan, Italy. Treating artificial casein fibers. 2,182,553; Dec. 5.

Fortunato, Vincent, assignor to The Mounting & Finishing Co. Inc., Brooklyn, N. Y. Easel. 2,164,152; June 27.

Fortune, Russell, Indianapolis, Ind. Treating wood. 2,176,763; Oct. 17.

Fortune, William B., assignor to Eli Lilly and Company, Indianapolis, Ind. Blood-sugar test. 2,171,961; Sept. 5.

Fortune, William B., assignor to Eli Lilly and Company, Indianapolis, Ind. Urine albumin test. 2,171,962; Sept. 5.

Fort Wayne Corrugated Paper Company. (See Nickerson, Orva O., assignor.)

Forward, Louis D., New York, N. Y., assignor, by mesne assignments, to Forward Process Company, Dover, Del. Cracking heavy hydrocarbon oils. 2,144,488; Jan. 17.

Forward Process Company. (See Forward, Louis D., assignor.)

Forward, Worthy J. F., assignor to Consolidated Machine Tool Corporation, Rochester, N. Y. Machine tool. 2,142,439; Jan. 3.

Forward, Worthy J. F., assignor to Consolidated Machine Tool Corporation, Rochester, N. Y. Machine for surfacing metal. 2,146,810; Feb. 14.

Fosbinder, Russel J., Short Hills, and L. A. Walter, East Orange, assignors to The Maltbie Chemical Company, Newark, N. J. Stable heteroatomic mercuri mercapto compounds and water soluble salts thereof. 2,176,457; Oct. 17.

Fosbinder, Russel J., Short Hills, assignor to The Maltbie Chemical Company, Newark, N. J. Theobromine alkaline earth metal gluconates. 2,182,314; Dec. 5.

Fosdick, Robert E., Dayton, Ohio. Compound reading lens. 2,166,988; July 25.

Fosgood Corporation. (See Foster, Joseph C., assignor.)

Fosgood Corporation. (See Graham, Philip J., assignor.)

Foss, Benjamin S., Brookline, assignor to B. F. Sturtevant Company, Boston, Mass. Heat exchanger. 2,167,333; July 25.

Foss Launch and Tug Company, The. (See Pearson, Paul A., assignor.)

Foss, Oscar H., assignor to The Wooster Brush Company, Wooster, Ohio. Device for smoothing wallpaper and the like. 2,158,695; May 16.

Fossa, Joseph, Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Perforating machine. 2,144,620; Jan. 24.

Fossa, Joseph, Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Driving and stopping mechanism. 2,169,094; Aug. 8.

Fossa, Joseph, Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lacing shoe uppers. 2,175,055; Oct. 3.

Foster, Alfred, New York, N. Y., assignor to Royal Battery Corporation, New Brunswick, N. J. Handle or lifting device for storage batteries. 2,170,750; Aug. 22.

Foster, Benjamin N., assignor to Kingsbury Machine Tool Corporation, Keene, N. H. Solenoid actuated valve. 2,145,977; Feb. 7.

Foster, Benjamin N., Keene, N. H., and F. L. Fisher, Wauwatosa; said Fisher assignor to Allen-Bradley Company, Milwaukee, Wis. Driving and control mechanism for turrets. 2,164,396; July 4.

Foster, Benjamin N., and E. J. Kingsbury, assignors to Kingsbury Machine Tool Corporation, Keene, N. H. Machine tool with feeding mechanism. 2,167,401; July 25.

Foster, Boutwell H., Maplewood, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Fabric construction and method of making. 2,150,652; Mar. 14.

Foster, Boutwell H., Maplewood, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Drafting apparatus and method. 2,154,675; Apr. 18.

Foster, Boutwell H., Maplewood, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Asbestos fabric cover for ironing surfaces. 2,180,515; Nov. 21.

Foster, Dudley E., Morristown, N. J., assignor to Radio Corporation of America. Delayed diode circuit. 2,144,015; Jan. 17.

Foster, Dudley E., Orange, N. J., assignor to Radio Corporation of America. Antenna system for vehicles. 2,157,532; May 9.

Foster, Dudley E., South Orange, N. J., assignor to Radio Corporation of America. Automatic frequency control system. 2,162,883; June 20.

Foster, Dudley E., South Orange, N. J., and C. W. Finnigan, Forest Hills, Long Island, N. Y., assignors to Radio Corporation of America. Superheterodyne receiver. 2,162,884; June 20.

Foster, Dudley E., South Orange, N. J., assignor to Radio Corporation of America. Automatic frequency control receiver. 2,162,885; June 20.

Foster, Dudley E., South Orange, N. J., assignor to Radio Corporation of America. Automatic volume control circuit. 2,183,609; Dec. 19.

Foster, Dudley E., South Orange, N. J., assignor to Radio Corporation of America. Converter harmonic reduction circuit. 2,183,610; Dec. 19.

Foster, Everette M., Cedar Rapids, Iowa, assignor, by mesne assignments, to Astatic Microphone Laboratory, Inc., Youngstown, Ohio. Piezoelectric cell. 2,177,629; Oct. 31.

Foster, Frank A., Maywood, assignor to The Goss Printing Press Company, Chicago, Ill. Delivery and counting mechanism for rotary printing presses. 2,161,033; June 6.

Foster, Frank A., Maywood, assignor to The Goss Printing Press Company, Chicago, Ill. Printing press inking mechanism. 2,166,631; July 18.

Foster, Frank G., Somerville, N. J. Shower pipe cleaner. 2,177,429; Oct. 24.

Foster, Garnet R., Macomb, Ill. Bowling alley gauge. 2,161,704; June 6.

Foster, George W., Houston, Tex. Plow hitch. 2,145,007; Jan. 24.

Foster, Harold B., Williamsville, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Vanadium oxide catalyst. 2,180,353; Nov. 21.

Foster, Harry C., assignor to Rex Manufacturing Company, Inc., Connersville, Ind. Shelf. 2,146,950; Feb. 14.

Foster, Harry H., Sioux City, Iowa. Display holder. 2,149,431; Mar. 7.

Foster, Herbert V., Providence, assignor to Crompton & Knowles Jacquard & Supply Company, Pawtucket, R. I. Jacquard hammer. 2,167,041; July 25.

Foster, Herbert V., Providence, assignor to Crompton & Knowles Jacquard & Supply Company, Pawtucket, R. I. Single cylinder stationary griff jacquard. 2,179,328; Nov. 7.

Foster, Hubert L., Longview, Tex. Well pump. 2,173,413; Sept. 19.

Foster, Hugh. (See Coleman, G. C., and Foster.)

Foster, Isaac O., Bloomington, Ind. Direction signal for vehicles. 2,166,862; July 18.

Foster, James D., Kansas City, Mo., assignor, by mesne assignments, to W. J. Krebs and E. T. Chester. Spray iron. 2,165,541; July 11.

Foster, James W., Freehold, N. J. Pile wire motion for looms. 2,165,890; July 11.

Foster, John P., Paia, Hawaii, and H. L. Joachim, San Francisco, Calif., assignors to Maui Agricultural Company, Ltd., Paia, Hawaii. Liberating cellulose from bagasse. 2,181,785; Nov. 28.

Foster, Joseph C., assignor to Fosgood Corporation, Leominster, Mass. Spectacle temple connection. 2,169,235; Aug. 15.

Foster, Katherine. (See Foster, Roy V. and K.)

Foster, Lee R. (See Haglund, H. H., and Foster.)

Foster, Lillian H. (See Scott, W. I., and Foster.)

Foster Machine Company. (See Foster, W. H., and Tyson, assignors.)

Foster Machine Company. (See McKean, John O., assignor.)

Foster, Nathaniel L. (See Davis, Jerome, assignor.)

Foster, Nathanial L. (See Sipe, Harry E., assignor.)

Foster, Robert, New York, N. Y. Structural sculpture. 2,153,663; Apr. 11.

Foster, Robert M., et al. (See Dils, Logan A., assignor.)

Foster, Roy V. and K., Jackson Heights, N. Y. Cabinet for powdering and turning inside-out of rubber gloves. 2,158,575; May 16.

Foster, Roy W., Ottawa, assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Mechanical stoker. 2,146,469; Feb. 7.

Foster, Ruth, administratrix. (See Foster, William H., assignor.)

Foster, Theodore W., & Bro. Company. (See Parkin, Winfred T., assignor.)

Foster, Walter L., Whittier, assignor to J. Grant, Los Angeles, Calif. Oil well jar. 2,153,883; Apr. 11.

Foster, Walter W., Wichita Falls, Tex. Clutch actuating device. 2,163,028; June 20.

Foster Wheeler Corporation. (See Blizard, John, assignor.)

Foster Wheeler Corporation. (See Denney, Courtlandt F., assignor.)

Foster Wheeler Corporation. (See McCulloch, Charles E., assignor.)

Foster, William D., Stewart Manor, assignor to Manifold Supplies Company, Brooklyn, N. Y. Article and process for multiplying records. Re. 21,204; Sept. 12.

Foster, William H., deceased, Delmar, N. Y.; R. Foster, administratrix. Heat bag. 2,157,169; May 9.

Foster, William H., and L. D. Tyson, assignors to Foster Machine Company, Elkhart, Ind. Surface finishing. 2,184,640; Dec. 26.

Foster, William J., Flint, assignor to General Motors Corporation, Detroit, Mich. Air cleaner. 2,158,042; May 9.

Foster, William J., et al. (See Appel, Sydney, assignor.)

Foster, William J., Flint, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Windshield wiper arm. 2,172,791; Sept. 12.

Foster, Winslow, et al. (See O'Leary, Theodor A., assignor.)

Fotsch, William G., assignor to Reliable Electric Company, Chicago, Ill. Line splice. 2,144,050; Jan. 17.
Fotsch, William G., assignor to Reliable Electric Company, Chicago, Ill. Line splice. 2,177,364; Oct. 24.
Föttinger, Hermann, Berlin-Charlottenburg, Germany. Turbomechanical transmission gear. 2,147,528; Feb. 14.
Föttinger, Hermann, Berlin-Wilmersdorf, Germany. Hydraulic transmission gear. 2,159,143; May 23.
Föttinger, Hermann, Berlin-Charlottenburg, Germany. Hydraulic gear. 2,173,713; Sept. 19.
Föttinger, Hermann, Berlin-Wilmersdorf, Germany. Hydraulic transmission gear. Re. 21,035; Mar. 28.
Fougner, Nicolay K., Lilleaker, near Oslo, assignor of one-half to E. J. Eckbo, Oslo, Norway. Safety razor with ribbon shaped blade. 2,160,727; May 30.
Fould, Maurice, assignor to Forges des Strasbourg (Societe Anonyme), Paris, France. Metallic plate element for building parts. 2,164,681; July 4.
Foulds, Andrew K., Grosse Pointe Park, assignor to Detroit Lubricator Company, Detroit, Mich. Control means. Re. 21,286; Dec. 5.
Foulds, Andrew K., Grosse Pointe Park, assignor to Detroit Lubricator Company, Detroit, Mich. Heating apparatus. 2,144,108; Jan. 17.
Foulds, John P., Revere, Mass., assignor to General Electric Company. Floodlight projector. 2,180,982; Nov. 21.
Foulds, Neil M., assignor to Frantz Manufacturing Co., Sterling, Ill. Truss construction. 2,183,015; Dec. 12.
Foulds, Robinson P. (See Corteen, H., Foulds, and Wood.)
Foulke, Ted E., Nutley, N. J., assignor, by mesne assignments, to General Electric Company. Electric discharge apparatus. 2,177,883; Oct. 31.
Foulke, Willing B. (See Alexander, H. L., du Pont, and Foulke.)
Foulke, Willing B., Media, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Classification system. 2,150,918; Mar. 21.
Foulke, Willing B., Media, Pa., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Valve. 2,183,835; Dec. 19.
Foulke, Willing B., Media, and W. A. Mills, Frackville, Pa., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Process of and apparatus for separating. 2,150,917; Mar. 21.
Foulkes, Thomas E., London, England. Storing articles in warerooms. 2,166,704; July 18.
Foulkes, Thomas E., London, England. Storing articles in warerooms, and the like. 2,174,260; Sept. 26.
Fountain Comb Company, The. (See Slaney, John E., assignor.)
Fountain, Lawrence L., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Voltage regulator. 2,165,043; July 4.
Fourness, Charles A., Appleton, assignor to Paper Patents Company, Neenah, Wis. Making a cellulosic product. 2,143,911; Jan. 17.
Fourness, Charles A., Appleton, assignor to Paper Patents Company, Neenah, Wis. Laminated crepe cellulosic product. 2,170,655; Aug. 22.
Fouser, Fred A., Pittsburgh, assignor, by mesne assignments, to McKenna Brass and Manufacturing Corporation, Millersburg, Pa. Apparatus for filling containers. 2,174,384; Sept. 26.
Foutch, John W., Oklahoma City, Okla. Battery water gauge. 2,145,510; Jan. 31.
Fouts, Samuel E. (See Bowyer, Abbie G., assignor.)
Fouts, Thurston R. (See Ehlerb, A. W., and Fouts.)
Fouts, Thurston R. (See Kienel, F. J., and Fouts.)
Foval, Lotus, et al. (See Shifflett, John A., assignor.)
Fow, Raymond S. C., assignor to A. De Cozen, Newark, N. J. Vehicle lifting jack. 2,183,367; Dec. 12.
Fowler, Arno W., Highland, Ill. Clock. 2,176,870; Oct. 24.
Fowler, Carl H. (See Eaves, William C., assignor.)
Fowler, Clarence B., West New Brighton, N. Y. Liquid container with electric heating means. 2,180,733; Nov. 21.
Fowler, Fred D., Newton, assignor to Hood Rubber Company, Inc., Watertown, Mass. Method and apparatus for making rubber strips. 2,164,058; June 27.
Fowler, Henry S. (See Coates, F. C., and Fowler.)
Fowler, Ival G. (See Drake, J. L., Handy, and Fowler.)
Fowler, Ival G., and J. L. Drake, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Electrical glass cutting apparatus. 2,169,687; Aug. 15.
Fowler, Jesse J., Eudora, Ark. Cotton drying and conditioning apparatus. 2,158,752; May 16.
Fowler, John D., New York, N. Y. Spark plug. 2,173,607; Sept. 19.
Fowler, Lawrence H., Elmhurst, Ill. Bait for animal traps. 2,152,034; Mar. 28.
Fowler, Lewis M., et al. (See Amidon, Roy C., assignor.)
Fowler, Owen H., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid-pressure-producing device. 2,169,524; Aug. 15.
Fowler, Owen H., assignor to Hydraulic Brake Company, Detroit, Mich. Brake. 2,176,398; Oct. 17.
Fowler, Robert E., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Oil burner control. 2,149,842; Mar. 7.
Fowler, Theodore V., Jr. (See Merriam, H. F., and Fowler.)
Fowler, Theodore V., Pelham, N. Y., and H. F. Merriam, West Orange, N. J., assignors to General Chemical Company, New York, N. Y. Manufacture of ferric sulphate. 2,184,419; Dec. 26.
Fox, Arthur L. (See Chambers, I. F., and Fox.)
Fox, Arthur L. (See Tinker, J. M., and Fox.)
Fox, Arthur L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reacting alicyclic hydrocarbons with chlorine and sulphur dioxide and products thereof. 2,174,506; Sept. 26.
Fox, Arthur L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reacting iso-alkanes with sulphur dioxide and chlorine and products thereof. 2,174,508; Sept. 26.
Fox, Arthur L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cyclohexane sulphonyl chlorides. 2,174,509; Sept. 26.
Fox, Benjamin, Wollaston, and C. E. Ericson, South Braintree, Mass., assignors, by mesne assignments, to Buena Vista Iron Company. Apparatus for evaporating and distilling. Re. 21,129; June 27.
Fox, Benjamin, Wollaston, and C. E. Ericson, South Braintree, Mass., assignors to Buena Vista Iron Company. Apparatus for evaporating and distilling. 2,165,044; July 4.
Fox, Charles A. (See McCluskey, F. J., and Fox.)
Fox, Charles A., assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical switch. 2,179,484; Nov. 14.
Fox, Charles H., assignor to The Ahrens-Fox Fire Engine Company, Cincinnati, Ohio. Pump operating mechanism governor. 2,147,196; Feb. 14.
Fox, Earl C. (See Battestin, F. J., and Fox.)
Fox, Edward J., Washington, D. C., assignor to H. A. Wallace, as Secretary of Agriculture of the United States of America, and his successors in office. Production of monocalcium chlorophosphate. 2,143,438; Jan. 10.
Fox, Frederick A., Glendale, Calif. Steering mechanism. 2,167,943; Aug. 1.
Fox, Frederick L., Washington, D. C. Burner igniting device. 2,155,122; Apr. 18.
Fox, Gordon, assignor to Freyn Engineering Company, Chicago, Ill. Tuyère. 2,145,649; Jan. 31.
Fox, Gordon, assignor to Freyn Engineering Company, Chicago, Ill. Tuyère. 2,145,650; Jan. 31.
Fox, Harold C., Waterloo, Iowa. Margin-regulating stop. Re. 21,152; July 18.
Fox, Harry, Soldier Summit, Utah. Journal box. 2,181,268; Nov. 28.
Fox, John L., Las Vegas, Nev. Die stock. 2,145,762; Jan. 31.
Fox, Kent R., and E. C. Hyry, St. Louis, and I. Hatfield, Webster Groves, assignors to Monsanto Chemical Company, St. Louis, Mo. Composite polychlorophenol product. 2,180,142; Nov. 14.
Fox, Martin, assignor to The Seng Company, Chicago, Ill. Metal fixture for reclining chairs. 2,148,933; Feb. 28.
Fox, Martin, assignor to The Seng Company, Chicago, Ill. Studio couch. 2,150,879; Mar. 14.
Fox, Martin, assignor to The Seng Company, Chicago, Ill. Studio couch. 2,167,175; July 25.
Fox, Marvin. (See Medwick, M. P., and Fox.)
Fox, Marvin, New York, N. Y. Measuring system. 2,149,958; Mar. 7.
Fox, Norman F., Detroit, Mich. Device for applying dental floss. 2,148,066; Feb. 21.
Fox Products Company. (See Peirce, Daniel H., assignor.)
Fox Products Company. (See Peirce, Daniel N., assignor.)
Fox River Tractor Company, The. (See Saiberlich, Erwin W., assignor.)
Fox, Robert R., Los Angeles, Calif. Siphonage preventer for plumbing systems. 2,159,691; May 23.
Fox, Robert R., Los Angeles, Calif. Siphonage preventer for plumbing systems. 2,159,692; May 23.
Foxboro Company, The. (See Allen, Albert, assignor.)
Foxboro Company, The. (See Beal, A. G., and Holmberg, assignors.)
Foxboro Company, The. (See Callan, John G., Jr., assignor.)
Foxboro Company, The. (See Cobbett, Leonard C., assignor.)
Foxboro Company, The. (See Gill, H. A., and Baker, assignors.)
Foxboro Company, The. (See Hall, Malcolm B., assignor.)
Foxboro Company, The. (See Howe, Wilfred H., assignor.)
Foxboro Company, The. (See Lothrop, Carlton L., assignor.)
Foxboro Company, The. (See Macdonald, Waldron S., assignor.)
Foxboro Company, The. (See Mason, Clesson E., assignor.)
Foxboro Company, The. (See McAllister, W. G., and Michael, assignors.)
Foxboro Company, The. (See Moore, Frank, assignor.)
Foy, Irving J., assignor to Denison Tabbing Machine Corporation, Denison, Iowa. Adjustable tabbing cradle. 2,142,585; Jan. 3.

Fraber, Thomas J., Washington, D. C. Reinforced building paper. 2,142,471; Jan. 3.
Fraim, Freeman W. (See Little, R., and Fraim.)
Frake & Heidecke Fabrik Photographischer Präzisionsapparate. (See Müller, W., and Priesemann, assignors.)
Frakes, James H. (See Schofield, S. T., and Frakes.)
Frakes, Stuart A., Klamath Falls, Oreg. Shipping box. 2,180,229; Nov. 14.
Frame, Alfred P., Haddonfield, N. J., assignor to Cities Service Oil Company, New York, N. Y. Manufacturing lubricants. 2,143,512; Jan. 10.
Frame, John A. (See Koski, Oscar K., assignor.)
Frame, William J., Putney, London, and J. J. Hambidge, Wandsworth Common, London, England. Suction cleaning and sweeping machine. 2,166,863; July 18.
Frame, William M., Ben Avon, assignor to The National Supply Company, Pittsburgh, Pa. Leak-resisting pipe thread. 2,177,100; Oct. 24.
Frame, William M., Ben Avon, assignor to The National Supply Company, Pittsburgh, Pa. Straightening oil-well casings or the like. 2,178,141; Oct. 31.
Frame, William M., Ben Avon, assignor to The National Supply Company, Pittsburgh, Pa. Threaded joint and apparatus for making it. 2,183,644; Dec. 19.
France, Edwin A., Philadelphia, Pa. Mechanical packing. 2,165,845; July 11.
France Foundry & Machine Co., The. (See Shaw, Ernest W., assignor.)
Franchi, Aldo M., assignor to Aero Safety Brake, Inc., New York, N. Y. Brake shoe. 2,158,818; May 16.
Francis, Albert L. (See Bux, J. R., and Francis.)
Francis, Alfred W. (See Davis, H. S., and Francis.)
Francis, Alfred W., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Refining of oils. 2,142,939; Jan. 3.
Francis, Charles B., Pittsburgh, Pa. Steel making. 2,173,535; Sept. 19.
Francis, Chas. E., Co. (See Daley, Eugene G., assignor.)
Francis, Charles E., Martinez, assignor to Shell Development Company, San Francisco, Calif. Treating hydrocarbons. 2,148,292; Feb. 21.
Francis, Clarence W., Lincoln Park, Mich. Heating system appliance. 2,175,386; Oct. 10.
Francis, Dean D., et al. (See McKone, Leo J., assignor.)
Francis, Earle V., Columbus, Ohio, assignor to The Traylor Vibrator Company. Vibratory feeder. 2,161,342; June 6.
Francis, Earle V., and J. A. Flint, Columbus, Ohio, assignors to The Traylor Vibrator Company. Constant-capacity feeder. 2,164,812; July 4.
Francis, Henry A. (See Rutherford, J. T., and Francis.)
Francis, Raymond S., Rumford, R. I., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Mechanism for supplying a thread under uniform tension. 2,160,495; May 30.
Francis, Stanley S. (See Smethurst, P. C., and Francis.)
Francis, Victor J., North Wembley, England. High-pressure metal vapor eelctric discharge lamp. 2,177,702; Oct. 31.
Francis, Victor J., North Wembley, England, assignor to General Electric Company. Arrangement for operating high-pressure metal vapor discharge devices. 2,177,704; Oct. 31.
Francis, Victor J., Middlesex, England, assignor to General Electric Company. Electric gaseous discharge device. 2,177,703; Oct. 31.
Francis, Victor J., North Wembley, and J. W. Ryde, London, England, assignors to General Electric Company. Electric discharge device. 2,152,992; Apr. 4.
Francis, Victor J., and J. W. Ryde, Middlesex, England, assignors to General Electric Company. High-pressure metal-vapor electric discharge device. 2,172,839; Sept. 12.
Francisco, Charles M. (See Gerow, J. R., and Francisco.)
Francisco, Charles H. and W., and L. Brown, San Francisco, Calif. Nasal inhaler. 2,168,705; Aug. 8.
Francisco, William. (See Francisco, Charles H. and W., and Brown.)
Franck, Ernest W., Paterson, N. J., and H. E. Reeves, New York, N. Y. Phonograph. 2,162,006; June 13.
Franck, Hans H. (See Frank, A. R., Franck, Zieke, and Hey.)
Franck, Hans H., Berlin-Charlottenburg, and D. Wilm, Berlin-Friedenau, Germany. Purifying carbon black which has been formed on iron-containing contacts. 2,149,671; Mar. 7.
Franck, Hans H., Berlin-Charlottenburg, and F. J. Kaess, Neubabelsberg, assignors to Bayerische Stickstoff-Werke Actiengesellschaft, Berlin, Germany. Producing a phosphatic fertilizer soluble in citric acid. 2,183,379; Dec. 12.
Franck, Oscar, New York, N. Y. Pump. 2,166,758; July 18.
Franco-American Patents Limited. (See Vigneault, Edmond, assignor.)
Francois, Paul L., East Orange, N. J. Liquid pouring spout. 2,173,779; Sept. 19.
Françon, Jacques, Courbevoie, France, assignor, by mesne assignments, to Carbide and Carbon Chemicals Corporation, New York, N. Y. Production of olefine oxides and of catalysts for use in such production. 2,143,371; Jan. 10.
Frandsen, Anton M., Chicago, Ill. Safety guard for power presses. 2,171,523; Sept. 5.
Franghia, Byron, Paris, France, assignor to British Hygienic Containers Limited, London, England. Apparatus for working sheet material. 2,150,890; Mar. 14.
Frank, Albert R., and H. H. Franck, Berlin-Charlottenburg, K. Zieke, Trostberg, Upper Bavaria, and E. Hey, Berlin, Germany. Making a press powder. 2,149,672; Mar. 7.
Frank, Charles S. (See Lorenzen, Ben L., assignor.)
Frank, Edward, Berkeley, Calif. Door check. 2,172,610; Sept. 12.
Frank, Edward J., Yeadon, Pa., assignor to General Electric Company. High voltage electric circuit interrupter. 2,164,175; June 27.
Frank, Emil, Cincinnati, Ohio. Dispensing container closure. 2,162,999; June 20.
Frank, Frederick C., assignor to Bendix Aviation Corporation, South Bend, Ind. Wheel. 2,173,584; Sept. 19.
Frank, Frederick P., Denver, Colo. Permanent waving. 2,173,102; Sept. 19.
Frank, Georg. (See Sindl, O., and Frank.)
Frank, Harrison J. L., Detroit, Mich. Fuse block and parts thereof. 2,158,655; May 16.
Frank, Harry S., Middletown, Conn. Cooling apparatus. 2,166,401; July 18.
Frank, Henry S., Glendale, Calif. Fitting fastener. 2,143,309; Jan. 10.
Frank, Irving. (See Manne, M., and Frank.)
Frank, Jerome J. (See Strickland, R. L., and Frank.)
Frank, Karl, Bad Soden in Taunus, and F. Osterloh, Frankfort-on-the-Main-Hochst, assignors of one-half to I. G. Farbenindustrie Aktiengesellschaft. Frankfort-on-the-Main, Germany, and one-half to Eisenwerk Kaiserslautern, Kaiserslautern, Germany. Preparing enamels. 2,165,134; July 4.
Frank, Leo R., Milton Junction, and R. A. Dregney, Janesville, Wis. Seed and material distributor attachment to trucks. 2,180,044; Nov. 14.
Frank, Louis and F., New York, N. Y. Waste fitting for outlet valves. 2,179,121; Nov. 7.
Frank, Orville S., Chicago, Ill., assignor to The Sherwin-Williams Company, Cleveland, Ohio. Purification of methyl violet. 2,181,369; Nov. 28.
Frank, Paul A. (See White, J. W., Frank and Shook.)
Frank, Robert N., Milwaukee, Wis. Portable cooker. 2,174,824; Oct. 3.
Frank Tea & Spice Company. (See Auble, James L., assignor.)
Frank, Thomas, Sr., Charlotte, N. C. Line holding device. 2,149,518; Mar. 7.
Frank, William, New York, N. Y. Brush. 2,171,444; Aug. 29.
Frank, William H. (See Fisher, L. C., and Frank.)
Frank, William H., Detroit, Mich. Electrical distribution system. 2,146,813; Feb. 14.
Frank, William H., Detroit, Mich. Separable contact structure. 2,154,237; Apr. 11.
Frank, William H., Detroit, Mich. Plug and receptacle switch. 2,154,238; Apr. 11.
Frank, William H., Detroit, Mich. Making bus ducts. 2,158,656; May 16.
Frank, William H., Detroit, Mich. Electrical distribution system. 2,170,298; Aug. 22.
Frank, William H., Detroit, Mich., Continuous outlet construction. 2,170,299; Aug. 22.
Frank, William H., Detroit, Mich. Continuous outlet construction. 2,170,300; Aug. 22.
Frank, William H., Detroit, Mich. Switch. 2,179,737; Nov. 14.
Frank, William H., Detroit, Mich. Overload protective switch. 2,182,864; Dec. 12.
Frank, William H., and J. A. Messing, Detroit, Mich. Switch. 2,146,811; Feb. 14.
Frank William H., and J. W. Harper, assignors to Bulldog Electric Products Company, Detroit, Mich. Electrical distribution system. 2,146,812; Feb. 14.
Frank, William H., and J. W. Harper, Detroit, Mich. Panel board. 2,147,023; Feb. 14.
Frank, William H., and J. W. Harper, Detroit, Mich. Electrical distribution system. 2,149,994; Mar. 7.
Frank, William H., and J. A. Messing, Detroit, Mich. Switch. 2,154,236; Apr. 11.
Frank, William H., L. E. Fisher, and J. A. Messing, Detroit, Mich. Switching apparatus. 2,158,657; May 16.
Frank, William H., J. A. Messing, and C. T. Hollingsworth, Detroit, Mich. Distribution panel. 2,158,658; May 16.
Frank, William H., and L. E. Fisher, Detroit, Mich. Panel boards and parts thereof. 2,162,344; June 13.
Frank, William H., and W. A. Harper, Detroit, Mich. Trolley or collector. 2,170,296; Aug. 22.
Frank, William H., and L. C. Fisher, Detroit, Mich. Trolley or collector. 2,170,297; Aug. 22.
Franke, Ernst, and W.-F. Ewald, Berlin, Germany, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie. Interference eliminator. 2,183,714; Dec. 19.
Franke, Heinrich, Hamburg, and H. Voigt, Berlin, assignors to C. H. F. Muller Aktiengesellschaft, Hamburg, Germany. X-ray apparatus. 2,146,889; Feb. 14.
Franke, Walter. (See Fikentscher, H., and Franke.)
Franke, Warren, Brooklyn, N. Y. Novelty folder. 2,168,025; Aug. 1.

Frankel, Edward M., and A. Pollak, assignors to West Virginia Pulp & Paper Company, New York, N. Y. Distillation. 2,143,344; Jan. 10.
Frankel, Edward M., and A. Pollak, assignors to West Virginia Pulp & Paper Company, New York, N. Y. Purification of tall oil. 2,143,345; Jan. 10.
Frankel, Edward M., and A. Pollak, assignors to West Virginia Pulp & Paper Company, New York, N. Y. Electric boiler. 2,179,781; Nov. 14.
Frankel, Edward M., Cedarhurst, Md., and A. Pollak, assignors to West Virginia Pulp & Paper Company, New York, N. Y. Control device for boilers. 2,179,782; Nov. 14.
Frankel, Jack, Brooklyn, N. Y. Life saving rope and belt. 2,166,809; July 18.
Frankel, Jacob W. (See Saffir, Jacob A., assignor.)
Fränkel, Leo, assignor to Lampen-und Metallwarenfabrieken R. Ditmar Gebruder Brunner A. G., Vienna, Austria. Cinematographic camera. 2,148,934; Feb. 28.
Frankel, Morris. (See Rudnick, Nathan, assignor.)
Frankenburger, Walter. (See Herbst, M., and Frankenburger.)
Frankenburger, Walter, Habana, Cuba, and G. Rössler, Oppau, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Production of gelatin printing reliefs. 2,178,338; Oct. 31.
Frankenburger, Walter, Ludwigshafen, and H. Schulz, Heidelberg, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Photographic material. 2,180,409; Nov. 21.
Frankenstein, William P., Cincinnati, Ohio. Collapsible carton. Re. 21,158; July 25.
Frankenthaler, George, executor, et al. (See David, John.)
Frankford, Frank P., Ridgefield Park, N. J. Automatic drain valve for compressed air reservoirs. 2,162,549; June 13.
Frankford, Frank P., Ridgefield Park, N. J. Air cleaner. 2,162,550; June 13.
Frankfort Distilleries, Incorporated. (See Fletcher, Alexander C., assignor.)
Frankforter, Clarence J., Lincoln, Nebr. Treating water. 2,144,051; Jan. 17.
Franklin, Albert W., New York, N. Y. Automatic indexing device. 2,146,062; Feb. 7.
Franklin, Albert W., New York, N. Y. Push-button control. 2,178,958; Nov. 7.
Franklin, David, Chicago, Ill., assignor, by mesne assignments, to Trans-Lux Movie Ticker Corporation, New York, N. Y. Tape projection device. 2,174,557; Oct. 3.
Franklin, Frederick H. (See Wicks, J. D., Condon, and Franklin.)
Franklin, John C. (See McRae, D. C., and Franklin.)
Franklin, John L., Atlanta, Ga. Phonographic announcing mechanism or the like. Re. 21,111; June 13.
Franklin, Harrison, Oklahoma City, Okla. Dustproof ventilator. 2,150,157; Mar. 14.
Franklin, Lawrence W. (See d'Humy, F. E., and Franklin.)
Franklin, Lawrence W., Hasbrouck Heights, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Telegraph transmitting apparatus. 2,147,249; Feb. 14.
Franklin, Marvin R., Elwood, Ind. Truck. 2,154,839; Apr. 18.
Franklin, O. M., Serum Company. (See Stone, Edwal A., assignor.)
Franklin, Ralph E., Patchogue, N. Y., assignor to Radio Corporation of America. Piezoelectric crystal device. 2,173,552; Sept. 19.
Franklin Rayon Corporation. (See Atwell, Everett C., assignor.)
Franklin Rayon Corporation. (See Little, R., and Fraim, assignors.)
Franklin Steel Works. (See Long, George, assignor.)
Franklin, Thomas B. (See Knight, H. P., and Franklin.)
Franklin Tile Company. (See Schweiker, Malcolm A., assignor.)
Frankmann, Hans, and H. Haakh, Vienna, Austria. Manufacturing hats and products thereof. 2,156,238; Apr. 25.
Franks, Gerald N. (See Gaus, G. E., and Franks.)
Franks, Roye W., Salt Lake City, Utah. Draft control device. 2,161,809; June 13.
Franks, Russell. (See Becket, F. M., and Franks.)
Franks, Russell, Niagara Falls, N. Y., assignor to Union Carbide and Carbon Corporation. Apparatus subjected to heat and cold alternately. 2,159,723; May 23.
Franks, Russell, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Stainless steel. 2,159,724; May 23.
Franks, Russell, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Corrosion resistant steel. 2,159,725; May 23.
Franks, Russell, Niagara Falls, N. Y., assignor to Electro Metallurgical Company. Corrosion resistant steel alloy. 2,183,715; Dec. 19.
Franson, Carl V. (See Storck, F. W., and Franson.)
Frantz Manufacturing Co. (See Ferris, William D., assignor.)
Frantz Manufacturing Co. (See Ferris, W. D., and Wolf, assignors.)
Frantz Manufacturing Co. (See Foulds, Neil M.)
Frantz-Manufacturing Co. (See Wolf, Cecil R., assignor.)
Frantz, Philip M. (See Rupp, G. H., and Frantz.)
Frantz, Virgil L., assignor to Graham-White Sander Corporation, Roanoke, Va. Sander nozzle. 2,175,151; Oct. 3.
Frantz, Virgil L., assignor to Graham-White Sander Corporation, Roanoke, Va. Automatic high speed sanding mechanism. 2,181,804; Nov. 28.
Frantz, Walter A., Shaker Heights, and J. J. McCabe, assignors to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Clothes washer. 2,143,730; Jan. 10.
Frantz, Walter A., Cleveland Heights, and J. J. McCabe, assignors to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Liquid supply and control device. 2,154,566; Apr. 18.
Frantz, Walter A., Cleveland Heights, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Compartmental washing machine. 2,167,147; July 25.
Frantz, Walter A., Shaker Heights, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Operating handle for electrically driven tools. 2,183,310; Dec. 12.
Franz, Burvee M., J. W. Wilkinson, and S. D. Ehrlich, New Haven, Conn, assignors, by mesne assignments, to Western Cartridge Company. Normal lead styphnate and making it. 2,150,653; Mar. 14.
Franz, Erwin E., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for winding material. 2,144,840; Jan. 24.
Franz, Erwin E., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical coil. 2,154,070; Apr. 11.
Franz, Frederick, West Haven, Conn. Electrically driven metronome. 2,150,967; Mar. 21.
Franzblau, Joseph M., Brooklyn, assignor to Colonial Earphone Co. Inc., New York, N. Y. Acoustical device. 2,182,865; Dec. 12.
Franzmann, William H. (See Wiley, A. D., and Franzmann.)
Franzwa, Charles F., Portland, Oreg., assignor to Coe Laboratories, Inc., Chicago, Ill. Acid pickling bath device. 2,177,101; Oct. 24.
Frappier, Louis S., New York, and A. Kindelmann, Floral Park, assignors to International Projector Corporation, New York, N. Y. Film sprocket. 2,179,550; Nov. 14.
Fraser, Dorothy, administratrix. (See Fraser, Ethelbert M.)
Fraser, Douglas, & Sons Limited. (See Fraser, Gordon S., assignor.)
Fraser, Edwin J., Riverside, and M. J. Wilson, Chicago, Ill. Coupling mechanism for trailers and tractors. 2,144,243; Jan. 17.
Fraser, Ethelbert M., deceased, New York, N. Y., by D. Fraser, administratrix, New York, N. Y., assignor to Murray & Flood, Inc., New York, N. Y. Inductor winding. 2,164,738; July 4.
Fraser, George H., Brooklyn, N. Y. Air and other separators. 2,148,452; Feb. 28.
Fraser, Gordon S., assignor to Douglas Fraser & Sons Limited, Arbroath, Angus, Scotland. Sliver balling machine and yarn and the like winding machines. 2,155,041; Apr. 18.
Fraser, Hugh J., Larchmont, N. Y., and W. G. Drugan and J. O. McDowell, Huntington, W. Va., assignors to The International Nickel Company, Inc., New York, N. Y. Treatment of nickel-chromium alloys. 2,142,869; Jan. 3.
Fraser, James, Edge Moor, assignor to Speakman Company, Wilmington, Del. Self-closing measuring valve. 2,181,581; Nov. 28.
Fraser, James S., Kettering, and J. Miles, London, England. Clay gun. 2,169,604; Aug. 15.
Fraser, John, assignor to Avery-Hardoll Limited, London, England. Improvements relating to registering mechanisms. 2,161,918; June 13.
Fraser, John, assignor to Avery-Hardoll Limited, London, England. Improvements relating to registering mechanisms. 2,161,919; June 13.
Fraser, John, assignor to Avery-Hardoll Limited, London, England. Liquid measuring and dispensing apparatus. 2,161,920; June 13.
Fraser, John, assignor to Avery-Hardoll Limited, Clerkenwell Green, London, England. Transfer mechanism for counting and computing mechanism. 2,184,420; Dec. 26.
Fraser, Lewis H. D., Sheffield, Ala. Anodic oxidation of ferrophosphorus. 2,173,103; Sept. 19.
Fraser, Roger, Brooklyn, N. Y. Holding device for cord, wire, etc. 2,175,835; Oct. 10.
Fraser, Thomas. (See Ruddell, S. G., and Fraser.)
Fraser, Thomas F. (See Bardes, O. L., and Fraser.)
Fraseur, Roscoe E., Los Angeles, Calif. Fire extinguisher. 2,173,392; Sept. 19.
Frauenthal, Harold, South Bend, Ind., and S. R. Thomas, Lyons, Mich., assignors to Bantam Bearings Corporation, South Bend, Ind. Universal joint. 2,174,223; Sept. 26.
Fraune, Bernard H. (See Fraune, Henry J. and B. H.)
Fraune, Henry J., and B. H., Fort Madison, Iowa. Chair. 2,174,627; Oct. 3.
Fraula, William S., Suffern, N. Y., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Bundling machine. 2,173,393; Sept. 19.
Frazer, James S., Earleville, Md. Internal combustion engine. 2,180,898; Nov. 21.

Frazier, Aldus H., Pittsburgh, Pa. Concealable stair. 2,163,142; June 20.
Frazier, Arthur H., Washington, D. C., assignor to the Government of the United States, as represented by the Secretary of the Interior. Water surveying apparatus. 2,180,354; Nov. 21.
Frazier, Bailie W. (See Buccicone, D., and Frazier.)
Frazier, Bruce, Big Spring, Tex. Basket. 2,179,180; Nov. 7.
Frazier, George, St. Louis, Mo. Adjustable bass bar for musical instruments. 2,145,978; Feb. 7.
Frazier, Marion R., Belleville, N. J. Package filling machine. 2,144,569; Jan. 17.
Frazier, Orville Z., Elkhart, Ind., assignor of one-half to R. H. Frederick, Detroit, Mich. Internal combustion engine. 2,169,236; Aug. 15.
Frazier, Philip A., Oak Park, Ill. Binding books. 2,182,801; Dec. 12.
Frazier, Philip A., Oak Park, Ill. Making printing plates and the product thereof. 2,182,802; Dec. 12.
Frazier, Ralph B., Norristown, Pa., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Food package. 2,150,058; Mar. 7.
Frazier-Simplex, Inc. (See Amsler, Walter O., assignor.)
Frazier, William J. (See Barnes, Roy C., assignor.)
Freborg, Carl G. (See Freborg, David W. and S. H., assignors.)
Freborg, David W. and S. H., Kankakee, assignors of one-fifth to C. G. Freborg, Chicago, Ill. Collapsible receptacle for cylinder boring and honing operations. 2,143,912; Jan. 17.
Freborg, Stanley H. (See Freborg, David W. and S. H.)
Frech, Charles, and J. E. Nilsson, London, England. Articles of furniture, such as bedchairs and bedsettees. 2,184,713; Dec. 26.
Frech, Theodore W., Cleveland Heights, Ohio, assignor to General Electric Company. Coating luminescent tubes. 2,179,288; Nov. 7.
Frech, Theodore W., and E. A. Howard, Cleveland Heights, and K. D. Scott, Cleveland, Ohio, assignors to General Electric Company. Vehicle headlighting system. 2,170,682; Aug. 22.
Frechette, John S., Providence, R. I. Hydropneumatic jack. 2,165,095; July 4.
Frechette, John S., Providence, R. I. Serial multiway valve. 2,165,096; July 4.
Fred, Walter, Chattanooga, Tenn. Lubricating bearing for spring leaves. 2,180,464; Nov. 21.
Freda, Severino A., Great Neck, N. Y. Arch supporter. 2,161,565; June 6.
Fredd, Harry, New York, N. Y. Device for dispensing web material. 2,166,349; July 18.
Frederick, Arthur R., Brooklyn, N. Y. Pencil sharpener. 2,146,890; Feb. 14.
Frederick, Charles W., and W. Schade, assignors to Eastman Kodak Company, Rochester, N. Y. Lens system. 2,158,178; May 16.
Frederick, Charles W., and G. H. Aklin, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic objective. 2,158,179; May 16.
Frederick, Charles W., and W. Schade, assignors to Eastman Kodak Company, Rochester, N. Y. Lens attachment. 2,165,365; July 11.
Frederick, Clarence H. (See Powers, G. G., and Frederick.)
Frederick, Donald S. (See Marvel, C. S., and Frederick.)
Frederick, John H., Baltimore, Md. Nonrefillable bottle. 2,144,621; Jan. 24.
Frederick Post Company, The. (See Hinman, Walker M., assignor.)
Frederick Post Company, The. (See Hinman, W. M., and Hollmann, assignors.)
Frederick, Robert H. (See Frazier, Orville Z., assignor.)
Frederick, Robert R., Morrisville, Pa., assignor to Sloane-Blabon Corporation, Trenton, N. J. Clamp. 2,153,748; Apr. 11.
Frederick, Sherwood. (See Marvel, C. S., and Frederick.)
Fredericks, John D., Jr. (See Dickson, James T., assignor.)
Fredericks, William M., Spokane, Wash. Colored flame candle. 2,184,666; Dec. 26.
Fredericksen, James P., Wollaston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making insoles. 2,146,814; Feb. 14.
Fredericksen, James P., Wollaston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and making the same. 2,151,020; Mar. 21.
Frederickson, Clarence P., Waterbury, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Pasteurizing system. 2,143,346; Jan. 10.
Frederickson, Clayton E., Chicago, Ill. Differential mechanism. 2,175,520; Oct. 10.
Frederickson, Edward A. (See Zinkil, R. H., Fredrickson, and Marchand.)
Fredrickson, Gustav, Forestville, Conn., assignor to General Motors Corporation, Detroit, Mich. Electric heater. 2,177,299; Oct. 24.
Frederickson, Paul G. (See Mali, H. E., and Fredrickson.)
Fredrickson, Stanley T., Minneapolis, Minn. Radio receiving system. 2,156,809; May 2.
Frederickson, William H., Seattle, Wash. Ice cream sundae. 2,159,761; May 23.
Frederics, E., Inc. (See Brown, James C., assignor.)
Frederics, E., Inc. (See Frederics, Ernest O., assignor.)
Frederics, Ernest. (See Brown, James C., assignor.)
Frederics, Ernest O., Bronxville, N. Y. Curler. 2,146,254; Feb. 7.
Frederics, Ernest O., Bronxville, assigner to E. Frederics, Inc., New York, N. Y. Hair waving apparatus. 2,167,831; Aug. 1.
Frediani, Nello, Lake Geneva, Wis. Confection. 2,167,353; July 25.
Freeberg, Ernest R. (See Turner, H. I., and Freeberg.)
Freed, Edward A., Moline, Ill. Method and apparatus for forming blower wheels. 2,155,164; Apr. 18.
Freed, Samuel, assignor to W. Marten, San Francisco, Calif. Egg handling device. 2,177,595; Oct. 24.
Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Belt. Re. 21,075; May 9.
Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Oil packer. 2,143,106; Jan. 10.
Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Packing. 2,151,096; Mar. 21.
Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Strainer. 2,153,664; Apr. 11.
Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Printing roll. 2,156,385; May 2.
Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Belt. 2,167,384; July 25.
Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Belt unit. 2,167,942; Aug. 1.
Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Belt and belt connector. 2,171,055; Aug. 29.
Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Hose. 2,173,359; Sept. 19.
Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Connector for belts. 2,176,734; Oct. 17.
Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Rubber roll. 2,178,421; Oct. 31.
Freedlander, Abraham L., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Belt. 2,179,691; Nov. 14.
Freedlander, Abraham L., and N. J. Ritzert, assignors to The Dayton Rubber Mfg. Company, Dayton, Ohio. Belt connector. 2,151,095; Mar. 21.
Freedlander, Abraham L., Dayton, Ohio, and E. J. Schmidt, New York, N. Y., assignors to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Generator drive. 2,155,703; Apr. 25.
Freedlander, Abraham L., and N. J. Ritzert, assignors to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Belt connector. 2,176,735; Oct. 17.
Freedman, Albert, Brooklyn, and S. Kislevitz, New York, assignors to G. Freedman, Brooklyn, N. Y. Display device. 2,173,251; Sept. 19.
Freedman, David, assignor of one-half to E. L. Alexander, New York, N. Y. Closure device, 2,144,755; Jan. 24.
Freedman, Edward H., New York, N. Y. Game. 2,165,891; July 11.
Freedman, Golda. (See Freedman, A., and Kislevitz, assignors.)
Freedman, Harry A., Brooklyn, N. Y. Chair. 2,161,226; June 6.
Freedman, Hyman, Brooklyn, N. Y. Dental bridgework and making same. 2,147,403; Feb. 14.
Freedman, Hyman, Brooklyn, N. Y. Artificial dental structure. 2,149,048; Feb. 28.
Freedman, Hyman, Brooklyn, N. Y. Saliva ejector. 2,161,151; June 6.
Freedman, Ruth, New York, N. Y. Adjustable brassière. 2,155,935; Apr. 25.
Freedman, William, assignor to Sport-Time Inc., New York, N. Y. Lady's garment. 2,148,344; Feb. 21.
Freeland, Ernest C., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Signal amplifier. 2,154,327; Apr. 11.
Freeland, Orville F., North Muskegon, Mich., assignor to Anaconda Wire & Cable Company, New York, N. Y. Magnet wire. 2,163,119; June 20.
Freeland, Robert, Steubenville, Ohio. Grapple. 2,146,891; Feb. 14.
Freeland Spool and Bobbin Corp. (See Markle, George B., Jr., assignor.)
Freeland Spool and Bobbin Corp. (See Schuster, Ervin A., assignor.)
Freeling, Albert L. (See Sarver, Emmett F., assignor.)
Freeman, Albert E., South Orange, and T. C. Smith, Westfield, N. J., assignors to American Telephone and Telegraph Company. Cable and wire laying machine. 2,184,912; Dec. 26.
Freeman, Alpheus J., assignor to Freeman, Incorporated, Chicago, Ill. Apparatus for marking food products. 2,169,412; Aug. 15.
Freeman, Alpheus J., assignor to Freeman, Incorporated, Chicago, Ill. Apparatus for applying identifying means. 2,169,413; Aug. 15.
Freeman, Andrew F., Hyattsville, Md., dedicated to the Free Use of the People in the Territory of the United States. Insecticide. 2,155,010; Apr. 18.

Freeman, Arthur H., and J. S. Fladebo, Isle, Minn. Holder for spring eyelets. 2,142,267; Jan. 3.
Freeman, Benjamin W. (See Bowie, F. W., and Lieb, assignors.)
Freeman, Benjamin W., Cincinnati, Ohio. Upper uniting machine. 2,149,594; Mar. 7.
Freeman, Benjamin W., Cincinnati, Ohio. Die. 2,164,452; July 4.
Freeman, Benjamin W., Cincinnati, Ohio. Shoe upper shaper. 2,174,463; Sept. 26.
Freeman, Benjamin W., and J. G. Herbers, assignors to The Louis G. Freeman Company, Cincinnati, Ohio. Shoe upper shaping machine. 2,174,462; Sept. 26.
Freeman-Daughaday Company. (See Moore, Robert, assignor.)
Freeman Daughaday Company. (See Schupbach, Rene M., assignor.)
Freeman, Deane M., Providence, R. I. Broiler. 2,161,669; June 6.
Freeman Doughaday Company. (See Lindquist, Albert W., assignor.)
Freeman, Eben W., executor. (See Allen, Herbert I.)
Freeman, George A. (See Anderson, W. E., and Freeman.)
Freeman, George A., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Discharge device and electrode. 2,171,234; Aug. 29.
Freeman, George S. P. (See Lubszynski, H. G., and Freeman.)
Freeman, George S. P. (See McGee, J. D., and Freeman.)
Freeman, Henry L., Chicago, Ill. Match package. 2,156,781; May 2.
Freeman, Incorporated. (See Freeman, Alpheus J., assignor.)
Freeman, John, McGregor, Mich. Bottle wiper. 2,147,250; Feb. 14.
Freeman, John P., Yonkers, N. Y. Control unit for accelerator and brake. 2,145,924; Feb. 7.
Freeman, Joseph N., Cedar Rapids, Iowa. Brake testing device. 2,166,244; July 18.
Freeman, Leon, Chicago, Ill. Combination hat perforating and labeling device. 2,152,958; Apr. 4.
Freeman, Louis G., Jr., assignor to The Louis G. Freeman Company, Cincinnati, Ohio. Die. 2,183,038; Dec. 12.
Freeman, Louis G., Company, The. (See Freeman, B. W., and Herbers, assignors.)
Freeman, Louis G., Company, The. (See Freeman, Louis G., Jr., assignor.)
Freeman, Louis G., Company, The. (See Klattie, Ernest C., assignor.)
Freeman, Michael W., Detroit, Mich. Protective covering. 2,156,530; May 2.
Freeman, Michael W., Detroit, Mich. Material and using the same in the metal working art. 2,172,533; Sept. 12.
Freeman, Miles E., Saratoga Springs, N. Y. Building block. 2,174,875; Oct. 3.
Freeman, Nathan M., Brooklyn, and C. H. Korb, Freeport, N. Y. Tile. 2,148,858; Feb. 28.
Freeman, Olen I., Atlanta, Ga. Building construction. 2,184,714; Dec. 26.
Freeman, Orville B., Ventura, Calif. Safety device for electrical apparatus. 2,152,586; Mar. 28.
Freeman, Raymond A. (See Ginsberg, C. W., and Freeman.)
Freeman, Raymond A. (See Lundquist, A., Freeman, and Wieking.)
Freeman, Richard D., assignor to The Dow Chemical Company, Midland, Mich. Recovering cellulose ethers from coated paper. 2,183,039; Dec. 12.
Freeman, Richard D., and M. J. Roberts, assignors to The Dow Chemical Company, Midland, Mich. Making low viscosity cellulose ethers. 2,159,375; May 23.
Freeman, Richard D., and M. J. Roberts, assignors to The Dow Chemical Company, Midland, Mich. Making of low viscosity cellulose ethers. 2,159,376; May 23.
Freeman, Richard D., and M. J. Roberts, assignors to The Dow Chemical Company, Midland, Mich. Making low viscosity cellulose ethers. 2,159,377; May 23.
Freeman, Robert J., Atlanta, Ga. Control device for dispensing mechanism. 2,183,187; Dec. 12.
Freeman, Robert L., Great Neck, N. Y., assignor to Hazeltine Corporation. Frequency-responsive network. 2,184,072; Dec. 19.
Freeman, Samuel, New York, N. Y. Fountain pen. 2,176,568; Oct. 17.
Freeman, Samuel, assignor to W. Finkelstein, New York, N. Y. Hair curling device. 2,171,332; Aug. 29.
Freeman, Stanley C. (See Horton, A. J., and Freeman.)
Freeman, Thomas R. and W. S., Washington, D. C. Fraud detecting device for coin controlled apparatus. 2,165,471; July 11.
Freeman, Walter R., University City, assignor to Wagner Electric Corporation, St. Louis, Mo. Combined master cylinder and brake holding means. 2,153,749; Apr. 11.
Freeman, Walter R., University City, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake control mechanism. 2,156,782; May 2.
Freeman, Walter R., University City, and W. F. Boldt, Overland, assignors to Wagner Electric Corporation, St. Louis, Mo. Clutch chatter eliminator. 2,161,670; June 6.
Freeman, Walter R., University City, B. Dick, Ferguson, and W. F. Boldt, Overland, assignors to Wagner Electric Corporation, St. Louis, Mo. Clutch and brake control mechanism. 2,167,501; July 25.
Freeman, Willard S. (See Freeman, Thomas R. and W. S.)
Freeman, William S., Leeds, England. Stopper for bottles, jars, and similar containers. 2,168,734; Aug. 8.
Freeport Sulphur Company. (See Axelrad, B. A., and Brooks, assignors.)
Freeport Sulphur Company. (See Cain, G. A., and Chatelain, assignors.)
Freeport Sulphur Company. (See Gilbert, Howard W., assignor.)
Freeport Sulphur Company. (See Lee, C. O., and Smith, assignors.)
Freer, Robert M., Saltcoats and G. Morris, Ardrossan, Scotland, assignors to Imperial Chemical Industries Limited. Flooring. 2,184,811; Dec. 26.
Freese, Carl. (See Hildebrandt, G., and Freese.)
Freesh, John. (See Watts, J. M., Freesh, and Borchers.)
Freeth, Samuel T., Drexel Hill, Pa. Sharpening device. 2,180,230; Nov. 14.
Freeze, Jonathan R., assignor to The American Rolling Mill Company, Middletown, Ohio. Sheet piling. 2,170,796; Aug. 29.
Freeze, Jonathan R., assignor to The American Rolling Mill Company, Middletown, Ohio. Turret type roll forming-machine. 2,179,849; Nov. 14.
Frei, Jakob R., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Magnetic filter. 2,149,764; Mar. 7.
Freie, Albert H. (See Graf, Oliver, assignor.)
Freihoff, Anthony G., Ferguson, assignor of one-half to H. H. Gatch, Ladue City, Mo. Frog and point switch for miniature railway tracks. 2,171,357; Aug. 29.
Freilich, Jacob, New York, and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Leavened baked product. 2,178,959; Nov. 7.
Freise, Frank, Union, assignor to J. E. Giebler, Franklin County, Mo. Garment hanger. 2,148,688; Feb. 28.
Freistadt, Willy. (See Weichardt, R., Freistadt, and Hicke.)
Freistadter, Jacob, assignor to Waltham Watch Company, Waltham, Mass. Motor lubricating system. 2,157,752; May 9.
Freitag, Knud J. W., assignor to F. A. B. Manufacturing Co., Oakland, Calif. Dual drive power selector. 2,174,187; Sept. 26.
Freitag, Willy. (See Reger, M., and Freitag.)
Fregeau, Frank E., assignor to Northern Cold Storage and Warehouse Company, Duluth, Minn. Rack for freezing fish. 2,168,520; Aug. 8.
Fréling, Lucien, and J. Dorren, Heerlen, Netherlands. Recovery of aluminum compounds. 2,174,825; Oct. 3.
French, Alfred W., Ladywood, Birmingham, England. Electric iron. 2,150,029; Mar. 7.
French, Alfred W., Chicago, Ill. Grading and excavating machine. 2,169,184; Aug. 8.
French, Frederick W., Oakland, Calif. Ceiling and wall cleaner. 2,168,121; Aug. 1.
French, George F., Manchester, England. Curtain heading tape. 2,159,733; May 23.
French, George F., Manchester, England. Curtain heading tape and the like. 2,159,734; May 23.
French, George F., Manchester, England. Curtain suspension hook. 2,183,188; Dec. 12.
French, George F., Hulme, Manchester, assignor to Thomas French & Sons Limited, Manchester, England. Ladder and like webbing and producing the same. 2,156,150; Apr. 25.
French, George F., assignor to Thomas French & Sons Limited, Manchester, England. Reinforced ladder webbing. 2,156,151; Apr. 25.
French, George F., assignor to Thomas French & Sons Limited, Manchester, England. Web holding and guiding stopper. 2,156,152; Apr. 25.
French, Harriet H., Newport, R. I. Clothes drying frame. 2,157,822; May 9.
French & Hecht, Incorporated. (See Beckman, Rudolph H., assignor.)
French & Hecht, Incorporated. (See Hecht, Joseph L., assignor.)
French & Hecht, Incorporated. (See Hoffmann, William H., assignor.)
French & Hecht, Incorporated. (See Ploehn, John H., assignor.)
French, Henry C. (See Frentzel, H. C., Jr., and French.)
French, Henry C., and H. C. Frentzel, Jr., assignors to The Heil Co., Milwaukee, Wis. Scraper. 2,154,503; Apr. 18.
French, James D., Austin, Tex., assignor of five per cent to V. Lowrey and J. M. Mason. Highway stripe. 2,184,492; Dec. 26.
French, James W., Anniesland, Glasgow, assignor to Barr and Stroud Limited, Glasgow, Scotland. Rangefinder and like optical measuring instrument. 2,164,107; June 27.
French, James W., Anniesland, Glasgow, assignor to Barr and Stroud, Limited, Glasgow, Scotland. Stereoscopic observation instrument, such as stereoscopic rangefinders. 2,166,046; July 11.
French Oil Mill Machinery Co., The, et al. (See Stacy, T. F., and Hoy, assignors.)

French, Parker H., Somerville, assignor to Trimount Coin Machine Company, Boston, Mass. Vending machine. 2,154,443; Apr. 18.
French, Reginald D., Glen Ellyn, assignor to Rayolite Rifle Range Company, Chicago, Ill. Electric target range. 2,148,612; Feb. 28.
French Renovating Company, The. (See Snyder, Victor C., assignor.)
French, Stanley F., Dobbs Ferry, assignor to Anaconda Wire & Cable Company, New York, N. Y. Hollow electric conductor. 2,154,502; Apr. 18.
French, Thomas, & Sons Limited. (See French, George F., assignor.)
Freng, Ragnar T. (See Basim, D. S., Freng, and Woodward.)
Frenger, Gunnar, Oslo, Norway. Apparatus for the combustion of waste materials. 2,173,013; Sept. 12.
Frenkel, Herman. (See Maisch, Wilhelm O., assignor.)
Frenkel, Leo, New York, assignor to The Hatters' Fur Exchange, Inc., Walden, N. Y. Treatment of animal and vegetable fibers. 2,153,416; Apr. 4.
Frenkel, Leo, New York, assignor to The Hatters' Fur Exchange, Inc., Walden, N. Y. Treatment of fibrous material of vegetable and mineral origin. 2,155,223; Apr. 18.
Frenkel, Leo, New York, assignor to The Hatters' Fur Exchange, Inc., Walden, N. Y. Treatment of animal fibers. 2,155,647; Apr. 25.
Frenkel, Leo, Northboro, Mass., assignor to Hatters' Fur Exchange, Inc., Walden, N. Y. Yarn. 2,155,648; Apr. 25.
Frentzel, Herman C., Jr. (See French, H. C., and Frentzel.)
Frentzel, Herman C., Jr., Shorewood, and C. G. Novotny, assignors to The Heil Co., Milwaukee, Wis. Refuse collecting vehicle. 2,167,148; July 25.
Frentzel, Herman C., Jr., and H. C. French, assignors to The Heil Co., Milwaukee, Wis. Scraper. 2,169,946; Aug. 15.
Frenzel, Wilbur G., Vidor, assignor to H. Pennington, San Antonio, Tex. Core barrel for oil well apparatus. 2,145,170; Jan. 24.
Frese, Joseph F., trustee. (See McCauley, John H., assignor.)
Frese, Joseph F., assignor to Monitor Controller Company, Baltimore, Md. High frequency electrical switch detail. 2,155,537; Apr. 25.
Freshman, Earl, Pottstown, Pa. Device and method for attaching continuous zipper or slide fastener tapes to continuous strips of fabric. 2,166,350; July 18.
Fretter, Nathan F. (See Lewis, A. L., and Fretter.)
Fretz-Moon Tube Company, The. (See Church, George T., assignor.)
Freud, Janos. (See Laqueur, E., David, Dingemanse, and Freud.)
Freud, Joseph, Chicago, Ill., assignor to A. B. Adair. Cigar capping machine. 2,184,687; Dec. 26.
Freudenberg, Carl, G. m. b. H. (See Élöd, E., and Demme, assignors.)
Freudenberg, Carl, G. m. b. H. (See Freudenberg, Hans, assignor.)
Freudenberg, Hans, Weinheim, assignor to Carl Freudenberg G. m. b. H., Weinheim, Baden, Germany. Absorbent wadding, particularly for surgical purposes. 2,169,947; Aug. 15.
Freudenberg, Herman, assignor to Deutsche Gold und Silber Scheide-Anstalt, vormals Roessler, Frankfort-on-the-Main, Germany. Preparation of metallic titanium. 2,148,345; Feb. 21.
Freudenberger, Heinrich. (See Starck, Warner, assignor.)
Freudl, Eligius, Tetschen, Czechoslovakia, assignor to Coffsrom Aktiengesellschaft, Glarus, Switzerland. Production of surrogates and additions for coffee. 2,161,511; June 6.
Freund, Ernst, Vienna, Austria, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of textiles. 2,161,034; June 6.
Freund, Herman R., assignor to Intertype Corporation, Brooklyn, N. Y. Assembler slide for typographical machines. 2,169,974; Aug. 15.
Freund, Herman R., assignor to Intertype Corporation, Brooklyn, N. Y. Casting means for line-casting machines. 2,171,500; Aug. 29.
Freund, Morris, Cleveland, assignor of one-half to J. Kronheim, Shaker Heights, Ohio, and one-half to J. C. Lincoln, Scottsdale, Ariz. Wire spring for cushioned seats. 2,177,175; Oct. 24.
Frevert, Harry L., and F. B. Foley, assignors to The Midvale Company, Philadelphia, Pa. Alloy steel for internal combustion valves or valve elements. 2,142,781; Jan. 3.
Frevert, Harry L., and F. B. Foley, assignors to The Midvale Company, Philadelphia, Pa. Alloy steel for internal combustion valves or valve elements. 2,177,454; Oct. 24.
Frew, Russell R., Mercer Island, assignor, by mesne assignments, to Golden Glint Company, Inc., Seattle, Wash. Hair rinsing preparation. 2,167,502; July 25.
Frey, Alfred, Freising, and H. Glück, Munich, Germany. Producing butyl alcohol and acetone by fermentation. 2,146,892; Feb. 14.
Frey, Alfred, Freising, Bavaria, and H. Glück and H. Oehme, Cologne-Kalk, Germany. Production of butanol and acetone by the fermentation of whey. 2,166,047; July 11.
Frey, Charles N. (See Freilich, J., and Frey.)
Frey, Charles N. (See Gore, H. C., Kirby, and Frey.)
Frey, Charles N. (See Light, R. F., and Frey.)
Frey, Charles N. (See Schultz, A., Aktin, and Frey.)
Frey, Charles, Arcueil, France. Derivation clip serving for junction of a cock to a water conduit. 2,146,336; Feb. 7.
Frey, Christopher J. (See Burke, H. E., Frey, and Gray.)
Frey, Delton R. (See Prutton, C. F., and Frey.)
Frey, Elmer E., assignor to Kittle Manufacturing Co., Los Angeles, Calif. Fluid flow control device. 2,157,405; May 9.
Frey, Elmer E., assignor to Kittle Manufacturing Co., Los Angeles, Calif. Fluid flow control device. 2,157,406; May 9.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Concentrating hydrocarbons. 2,159,434; May 23.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Converting normally gaseous hydrocarbons into gasoline. 2,170,367; Aug. 22.
Frey, Frederick E., Bartlesville, Okla., assignor to Phillips Petroleum Company. Converting gaseous hydrocarbons. 2,180,672; Nov. 21.
Frey, Frederick E., and P. A. Bury, assignors to Phillips Petroleum Company, Bartlesville, Okla. Improving and purifying petroleum byproducts. 2,154,444; Apr. 18.
Frey, Frederick E., and R. D. Snow, assignors to Phillips Petroleum Company, Bartlesville, Okla. Producing olefin-sulphur dioxide resins. 2,184,295; Dec. 26.
Frey, Henry. (See Johnson, J. E., and Frey.)
Frey, Karl. (See Gams, A., and Frey.)
Frey, Walter, Freiburg, Breisgau, and H. Schwalenstöcker, Korbach, near Cassel, Germany, assignor to the firm E. I. du Pont de Nemours & Co., Wilmington, Del. Converting soluble into insoluble cellulose derivatives. 2,170,017; Aug. 22.
Freydberg Bros., Inc. (See Hawkins, W. H., and Selditz, assignors.)
Freygang, Walter H., Essex Fells, assignor to Walter Kidder & Company, Inc., Bloomfield, N. J. Manufacturing spherical light weight containers. 2,171,111; Aug. 29.
Freyn Engineering Company. (See Bleibtreu, Herman, assignor.)
Freyn Engineering Company. See Eaton, W., and Hayes, assignors.)
Freyn Engineering Company. (See Fox, Gordon, assignor.)
Freyn Engineering Company. (See Rice, Owen R., assignor.)
Freysinger, John B., assignor to North and Judd Manufacturing Company, New Britain, Conn. Hasp for luggage locks. 2,157,730; May 9.
Freysinger, John B., assignor to North and Judd Manufacturing Company, New Britain, Conn. Buckle. 2,166,902; July 18.
Freysinger, John B., assignor to North and Judd Manufacturing Company, New Britain, Conn. Buckle. 2,166,903; July 18.
Freyssinet, Eugène, Neuilly-sur-seine, France. Constructing reinforced concrete monolithic structures. 2,172,703; Sept. 12.
Freystedt, Erich, Berlin-Siemensstadt, and F. Bath, Berlin-Haselhorst, assignors to Siemens & Halske Aktiengesellschaft, Siemensstadt near Berlin, Germany. Frequency analyzer. 2,159,790; May 23.
Freytag, Adolf. (See Hopff, H., Kellermann, and Freytag.)
Frezel, Harry L., Philadelphia, Pa. Necktie. 2,149,884; Mar. 7.
Friauf, George F., and F. M. Perry, Pampa, Tex., assignors to General Atlas Carbon Company, Dover, Del. Manufacture of carbon black. 2,143,770; Jan. 10.
Friberg, Bengt F., assignor to Laclede Steel Company, St. Louis, Mo. Dowel assembly for paving joints. 2,163,397; June 20.
Friberg, Hjalmar, Stora Essingen, near Stockholm, Sweden. Labeling machine for bottles and the like. 2,171,085; Aug. 29.
Fricchione, Pasquale, Scranton, Pa. Domestic coal stoker. 2,165,627; July 11.
Frick, Alfred, assignor to The Morgan Engineering Company, Alliance, Ohio. Charging machine. 2,156,386; May 2.
Frick, Carl E., assignor, by mesne assignments, to Van Cleef Bros., Chicago, Ill. Sand blasting stencil. 2,162,332; June 13.
Frick, Carl P., et al. (See Waller, John A., assignor.)
Frick, Chester A., Muncie, Ind. Sheet metal forming machine. 2,147,432; Feb. 14.
Frick Company. (See Aubrey, William H., assignor.)
Frick Company. (See Buehler, Leon, Jr., assignor.)
Frick, Frederick F., Anaconda, Mont., assignor to International Smelting and Refining Company, East Chicago, Ind. Treatment of chemical pulp. 2,149,843; Mar. 7.
Frick, Friedrich, Uerdingen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Alkyd resin paint. 2,178,474; Oct. 31.
Frick, Friedrich, Uerdingen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Coating composition. 2,178,475; Oct. 31.

Frick, Henry E., Upper Montclair, N. J., assignor to The Metal Lumber Corporation of New Jersey, New York, N. Y. Plank for covering hatches and other openings. 2,146,180; Feb. 7.
Frick, William H., Cleveland, Ohio, assignor to American Stove Company, St. Louis, Mo. Gas range. 2,175,629; Oct. 10.
Fricke, Hans. (See Birr, E. J., Fricke, and Wilmanns.)
Fricke, Hans. (See Meinhardt, F., and Fricke.)
Fricke, Hans, Wolfen, Kreis Bitterfeld, and E. J. Birr, Bitterfeld, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Production of photographs in blue-black tones. 2,153,619; Apr. 11.
Fricke, Hans, Wolfen, Kreis Bitterfeld, and J. Brunken, Dessau, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Hardening protein substances. 2,154,895; Apr. 18.
Frickey, Royal E., assignor to Welding Service, Inc., San Francisco, Calif. Rail hardening method and apparatus. 2,143,347; Jan. 10.
Frickey, Royal E., assignor to Welding Service, Inc., San Francisco, Calif. Repairing rail ends. 2,170,859; Aug. 29.
Frickie, James H., San Francisco, Calif. Oil burner. 2,174,695; Oct. 3.
Fricot, D. (See Moore, William G., assignor.)
Friden, Carl M. F., Oakland, assignor to Marchant Calculating Machine Company, Emeryville, Calif. Calculating machine. 2,142,892; Jan. 3.
Friden, John H., Maplewood, assignor to The Sun Tube Corporation, Hillside, N. J. Extrusion press. 2,154,611; Apr. 18.
Fridén, John H., Maplewood, assignor to The Sun Tube Corporation, Hillside, N. J. Collapsible container. 2,160,963; June 6.
Fridén, John H., Maplewood, assignor to The Sun Tube Corporation, Hillside, N. J. Apparatus for and method of making thin metal containers. 2,162,776; June 20.
Fridén, John H., Maplewood, assignor to The Sun Tube Corporation, Hillside, N. J. Apparatus for conveying and drying tubes. 2,164,768; July 4.
Fridén, John H., Maplewood, assignor to The Sun Tube Corporation, Hillside, N. J. Slug handling and treating mechanism. 2,166,209; July 18.
Fridén, John H., Maplewood, assignor to The Sun Tube Corporation, Hillside, N. J. Collapsible tube apparatus. 2,175,560; Oct. 10.
Fridén, John H., Maplewood, assignor to The Sun Tube Corporation, Hillside, N. J. Making collapsible containers. 2,180,628; Nov. 21.
Fridolph, Annette, assignor to A. B. A. Specialties Company, Inc., New York, N. Y. Supporting means for apparel. 2,143,815; Jan. 10.
Fridolph, Annette, assignor to A. B. A. Specialties Company, Inc., New York, N. Y. Combined tufting head and collet construction. 2,171,926; Sept. 5.
Fridolph, Annette, assignor to A. B. A. Specialties Company, Inc., New York, N. Y. Fastening device. 2,176,960; Oct. 24.
Fridrich, Victor. (See Moeller, Morten V., assignor.)
Fried, Louis, assignor to United States Can Corporation, Brooklyn, N. Y. Container. 2,176,898; Oct. 24.
Frieder, Edward, et al. (See Lotz, Rudolph W., assignor.)
Friederich, Ernst, Berlin, Germany, assignor to General Electric Company. Electric discharge device having a filling of gas or vapor. 2,145,180; Jan. 24.
Friederich, Ernst, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Electric gaseous discharge device. 2,152,993; Apr. 4.
Friederich, Ernst, Berlin-Charlottenburg, and W. Meyer, Birkenwerder, near Berlin, Germany, assignors to General Electric Company. Electric incandescent lamp. 2,170,683; Aug. 2.
Friederich, Ernst, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Electric lamp. 2,177,705; Oct. 31.
Friederich, Walter, and K. Flick, Troisdorf, Bez, Cologne, assignors to Dynamit-Actien-Gesellschaft, vormals Alfred Nobel & Co., Troisdorf, near Cologne, Germany. Production of tetrazylazide and the salts thereof. 2,179,783; Nov. 14.
Friederich, Walter, Troisdorf, Cologne, assignor to Dynamit-Actien-Gesellschaft, vormals Alfred Nobel & Co., Troisdorf, near Cologne-on-the-Rhine, Germany. Disruptive or brisant explosive composition. 2,170,943; Aug. 29.
Friedheim, Frank, Minneapolis, Minn. Depth gauge for rakes. 2,152,377; Mar. 28.
Friedland, Hubertus V., Battle Creek, Mich. Darning and weaving device. 2,171,788; Sept. 5.
Friedländer, Erich, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Polyphase transformer connection. 2,172,197; Sept. 5.
Friedländer, Erich, Berlin-Siemensstadt, and O. Schmutz, Berlin-Haselhorst, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Power regulation. 2,181,321; Nov. 28.
Friedlob, Fred M. (See Amberg, Walter E., assignor.)
Friedman, Bernet, South Norwalk, Conn. Automobile radiator inlet valve. 2,159,477; May 23.
Friedman, David, Baltimore, Md. Photoenlarger. 2,176,625; Oct. 17.
Friedman, Fabian, Watertown, Mass. Automatic gear shift. 2,145,979; Feb. 7.
Friedman, Harry, Twin Falls, Idaho. Sampler for bagged materials. 2,167,566; July 25.
Friedman, Isadore. (See Brussell, Jacob, assignor.)
Friedman, John H., assignor to The National Machinery Company, Tiffin, Ohio. Axle and making same. 2,165,472; July 11.
Friedman, Joseph, York, Pa. Massage comb. 2,175,344; Oct. 10.
Friedman, Joseph S., Brooklyn, and A. Bruck, assignors to Color Processes, Inc., New York, N. Y. Color sensitive photographic plate and producing same. 2,175,836; Oct. 10.
Friedman, Samuel S. (See Panowitz, George, assignor.)
Friedman, Theodore, New York, N. Y. Strainer. 2,174,577; Oct. 3.
Friedman, William F., Washington, D. C., and F. B. Rowlett, East Falls Church, Va. Electrical switching mechanism. 2,166,137; July 18.
Friedmann, Alex. (See Deutsch, Hans, assignor.)
Friedmann, Alex. (See Nemetz, Gustav, assignor.)
Friedmann, Ernst, and B. Reiffenstein, Vienna, Austria. Arrangement for taking parallactic panorama stereograms. 2,175,114; Oct. 3.
Friedrich, Ed., Inc. (See Brinkoeter, Paul H., assignor.)
Friedrich, Ed., Inc. (See Dieterich, Albert E., assignor.)
Friedrich, Martin E. (See Dahlen, M. A., and Friedrich.)
Friedrich, Wilhelm, Berlin-Charlottenburg, Germany. Apparatus for producing fire extinguishing foam. 2,164,153; June 27.
Friedrichs, Wilhelm, Reinickendorf, near Berlin, Germany. Automatic cash registering device for coin-controlled franking apparatus. 2,142,440; Jan. 3.
Friedrichsen, Johannes. (See von Antropoff, A., and Friedrichsen.)
Friedrichsen, Wilhelm. (See Stern, G., and Friedrichsen.)
Friend, Albert W., Morgantown, W. Va. Method of and means for signal transmission. 2,176,526; Oct. 17.
Friend, Samuel W., Glastonbury, Conn. Door operating mechanism. 2,143,439; Jan. 10.
Frier Bros. Limited. (See Trier, F. N., and Crothers, assignors.)
Fries Bros. (See Morey, James J.)
Fries, Gustav, assignor to Tefi-Apparatebau Dr. Daniel K.-G., Cologne, Germany. Device for removing shavings in sound recording mechanisms. 2,172,734; Sept. 12.
Fries, Gustav, assignor to Tefi-Apparatebau Dr. Daniel K.-G., Cologne, Germany. Sound reproducing apparatus for endless band sound carriers. 2,181,112; Nov. 21.
Fries, Harold H. (See Morey, James H., assignor.)
Friess, Gustave A., Rye, assignor to News Syndicate Co. Inc., New York, N. Y. Mechanism for drying the paper in printing presses. 2,148,739; Feb. 28.
Frigidaire Corporation. (See Heath, Delos P., assignor.)
Frimand, Emilie, administratrix. (See Frimand, Peter A.)
Frimand, Peter A., deceased; E. L. Frimand, administratrix, Wilmette, Ill. Breast pump device. 2,162,076; June 13.
Frink, Albert A., Chihuahua, Mexico, assignor to American Smelting and Refining Company, New York, N. Y. Fan stop. 2,143,372; Jan. 10.
Frink, Frederick W., Yonkers, N. Y. Electrical counting system. 2,168,198; Aug. 1.
Frion, Paul, Nanterre, France. Regulator of combustion for thermic furnaces. 2,144,966; Jan. 24.
Frisbie, Clare L., et al. (See Lucas, Ralph, assignor.)
Frische, Carl A., Leonia, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Soundproofing construction. 2,160,066; May 30.
Frischman, Thomas A., Cleveland Heights, and C. G. Shontz, assignors to Eaton Manufacturing Company, Cleveland, Ohio. Carburizing pot. 2,178,683; Nov. 7.
Frisendahl, Daniel, Little Falls, Minn. Boat. 2,154,040; Apr. 11.
Frisk, Enos C., Somerset, Wis. Bread raising cabinet. 2,147,024; Feb. 14.
Frisone, John, Portsmouth, N. H. Cleaning rod for firearms. 2,146,673; Feb. 7.
Fritisch, Peter J., Minneapolis, Minn. Artificial tree bark. 2,166,002; July 11.
Fritsch, Anthony P., Pittsburgh, Pa. Advertising sign for vehicles. 2,166,048; July 11.
Fritts, Howard S., Washington, N. J. Antiskid chain unit. 2,161,343; June 6.
Fritz, Adam, Philadelphia, Pa. Bottle breaking device. 2,168,026; Aug. 1.
Fritz, Henry A., Woodhaven, N. Y. Radio receiving set. 2,175,561; Oct. 10.
Fritz, James H., Belleville, assignor to National Oil Products Company, Harrison, N. J. Treating wood pulp to remove pitch. 2,144,756; Jan. 24.
Fritz, Karl. (See Scharlau, H., Runge, Buschbeck, and Fritz).
Fritz, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Magnetron modulation method. 2,142,186; Jan. 3.
Fritz, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. System for and modulating magnetrons. 2,148,114; Feb. 21.

Fritz, Karl, and W. Runge, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Wave generation and modulation. 2,152,035; Mar. 28.
Fritz, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Ultra-high-frequency multiplier. 2,158,114; May 16.
Fritz, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Direction finding system. 2,160,135; May 30.
Fritz, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegrahie m. b. H., Berlin, Germany. Magnetron. 2,162,807; June 20.
Fritz, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Magnetron discharge tube for frequency multiplication. 2,166,210; July 18.
Fritz, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Magnetron discharge tube oscillator and frequency multiplier. 2,169,725; Aug. 15.
Fritz, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Magnetron. 2,173,252; Sept. 19.
Fritz, Oswald R., Neckarsulm, Germany, assignor to Ural-Maschinenvertriebsgesellschaft m. b. H., Vienna, Austria. Starting device for internal combustion motors and similar engines. 2,181,805; Nov. 28.
Fritz, William H., assignor to Globe-Union Inc., Milwaukee, Wis. Shaft construction. 2,157,662; May 9.
Fritze, Otto. (See Dawihl, W., Fritze, and Ruttenauer.)
Fritze, Otto. (See Ruttenauer, A., and Fritze.)
Fritzen, Carl, Seymour, Ind. Airplane glider. 2,161,921; June 13.
Fritzinger, George H., East Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Band discriminating means and method. 2,178,072; Oct. 31.
Fritzsch, Frank A., assignor to The Lodge & Shipley Machine Tool Company, Cincinnati, Ohio. Speed changing mechanism. 2,149,013; Feb. 28.
Fritzsch, Frank A., assignor to The Lodge & Shipley Machine Tool Company, Cincinnati, Ohio. Speed changing mechanism. 2,149,014; Feb. 28.
Fritzsche, Rudolf, and A. Bauer, Berlin-Charlottenburg, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Apparatus for cleaning metallic articles. 2,163,276; June 20.
Friz, Adolf, Stuttgart-bad Cannstatt, Germany. Heating plate. 2,171,977; Sept. 5.
Frizzelle, Jasper B. (See Willis, Elijah J., assignor.)
Frober Faybor Company. (See Fayerweather, Neuman H., assignor.)
Frock, William F., North Jackson, Ohio. Selective gear transmission. 2,171,144; Aug. 29.
Fröding, Olof E., Stockholm, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Refining vegetable and animal oils. 2,181,563; Nov. 28.
Froehlich, Alfred. (See Eggert, J., Froehlich, and Wendt.)
Froehlich, Louis P. (See Della Chiesa, A. D., and Froehlich.)
Froemke, Gerald W. (See Duvall, W. J., and Froemke.)
Froh, Arthur A., Watertown, Wis. Pipe cleaning machine. 2,152,036; Mar. 28.
Frohlich, Alfred. (See Wilmanns, G., Schneider, and Frohlich.)
Fröhlich, Karl, assignor to Dr. Ing. h. c. F. Porsche G. m. b. H., Stuttgart, Germany. Springing arrangement. 2,175,562; Oct. 10.
Fröhlich, Alfred. (See Schneider, W., and Fröhlich.)
Frohman, Philip H., Washington, D. C., assignor of one-half to R. L. Taylor, Philadelphia, Pa. Electric organ. 2,151,021; Mar. 21.
Fröhmer, Claus, Berlin-Siemensstadt, Germany, assignor General Electric Company. Protective arrangement for electric valve converting systems. 2,157,851; May 9.
Fröhmer, Claus, Berlin-Siemensstadt, Germany, assignor to General Electric Company. Protective arrangement for electric valve converting systems. 2,175,020; Oct. 3.
Frolander, Frank C., Elizabeth, N. J., and H. A. Burt, St. Albans, N. Y., assignors to Mergenthaler Linotype Company. Typographical composing and distributing machine. 2,155,588; Apr. 25.
Frolander, Frank C., Elizabeth, N. J., and H. A. Burt, St. Albans, N. Y., assignors to Mergenthaler Linotype Company. Typographical composing and distributing machine. 2,155,589; Apr. 25.
Frolich, Per K., Westfield, and J. I. Wasson, Elizabeth, N. J., assignors to Standard Oil Development Company. Polymerized fatty oil. 2,150,370; Mar. 14.
Frolich, Per K., Westfield, N. J., assignor to Standard-I. G. Company. Improving solvents. 2,160,136; May 30.
From, Guy D., David City, Nebr. Automatic steering means for tractors. 2,156,977; May 2.
Fromhart, Herman S., Kamloops, British Columbia, Canada. Warning signal for air brakes. 2,184,715; Dec. 26.
Fromme, Samuel, Brooklyn, N. Y. Kite. 2,151,349; Mar. 21.
Frommer, Géza, Budapest, assignor to the firm Pannonia Baranybornemesito es Kereskedelmi r. t., Ujpest, Hungary. Machine for ironing furs. 2,172,869; Sept. 12.
Fronefield, Louis H., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Sorting machine. 2,140,214; Mar. 14.
Fronmuller, Douglas. (See Wendt, G. L., and Fronmuller.)
Fronstrom, Carl T. (See Persson, A. G., and Fornstrom.)
Frost, Adolph M., Arverne, assignor of ninety per cent to E. Stern, Astoria, N. Y. Magazine for motion picture cameras. 2,144,622; Jan. 24.
Frost, Bernard J., assignor to Morris Simon, and himself, Chicago, Ill. Collapsible container. 2,150,620; Mar. 14.
Frost, Chester L., et al. (See Higgins, I. W., and Pickett, assignors.)
Frost, Clayton H. (See Lozier, M., and Frost.)
Frost, Earl R., assignor to The National Machinery Company, Tiffin Ohio. Process and apparatus for making rivets. 2,170,556; Aug. 22.
Frost, Earle R., Shaker Heights, Ohio. Antiteetering device. 2,176,255; Oct. 17.
Frost, George S., deceased, Baldwin, N. Y.; T. B. Frost, executrix of estate. Package. 2,157,407; May 9.
Frost, George S., deceased, by T. B. Frost, executrix, Baldwin, N. Y. Pie trimming machine. 2,182,079; Dec. 5.
Frost, George W., assignor to Gothard Manufacturing Company, Springfield, Ill. Sign character. 2,178,684; Nov. 7.
Frost, Harold P., Worcester, Mass. Ball returning target for table tennis. 2,161,463; June 6.
Frost, Orcutt W., assignor to Wood Conversion Company, Cloquet, Minn. Head box for Fourdrinier machines. 2,148,613; Feb. 28.
Frost, Orcutt W., assignor to Wood Conversion Company, Cloquet, Minn. Manufacture of surfaced felted sheets. 2,154,201; Apr. 11.
Frost, Orcutt W., assignor to Wood Conversion Company, Cloquet, Minn. Apparatus for surfacing felted sheets. 2,178,631; Nov. 7.
Frost Railway Supply Co., The. (See Endsley, Louis E., assignor.)
Frost, Russel W., Yachats, Oreg. Speed boat. 2,172,674; Sept. 12.
Frost, Theodora B., executrix. (See Frost, George S.)
Frötschner, Hellmuth, Dresden-Laubegast, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic camera. 2,169,688; Aug. 15.
Froussard, Albert F., St. Louis, Mo. Safety mechanism. 2,160,137; May 30.
Froussard, Albert F., St. Louis, Mo. Shaft coupling. 2,173,360; Sept. 19.
Frowein, Kurt, Wuppertal-Elberfeld, and G. Bauriedel, Wuppertal-Barmen, Germany, and V. Elsaesser, Gozzano, Italy, assignors, by mesne assignments, to American Bemberg Corporation, New York, N. Y. Process and apparatus for spinning artificial silk from cuprammonium cellulose solutions. 2,182,429; Dec. 5.
Froyd, Lawrence W., Arlington, Va., assignor to A. F. Doig, Washington, D. C. Printing mechanism. 2,162,427; June 13.
Fruchey, Donald R., and D. C. Orwig, Napoleon, Ohio. Carbon paper holder and feeder. 2,177,884; Oct. 31.
Frudden, Conrad E. Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Oil filter. 2,179,784; Nov. 14.
Fruehauf Trailer Company. (See Reid, Frederick M., assignor.)
Fruit & Produce Packing, Inc. (See Mohler, Ernest E., assignor.)
Frunk, Otto E., Stockholm, and H. G. A. Åkerlind, Essingen, assignors to Aktiebolaget Linham, Stockholm, Sweden. Grinding machine. 2,149,519; Mar. 7.
Frusher, Tom, Jr., Groton, Conn, assignor to Rodney Hunt Machine Company, Orange, Mass. Fulling canal. 2,150,679; Mar. 14.
Fruth, Hal F., assignor, by mesne assignments, to P. R. Mallory & Co. Inc., Indianapolis, Ind. Resistance. 2,148,453; Feb. 28.
Fruth, Hal F., Riverside, Ill., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Spark plug. 2,159,791; May 23.
Fruth, Hal F., assignor, by mesne assignments, to P. R. Mallory & Co., Inc., Indianapolis, Ind. Resistance device. 2,177,484; Oct. 24.
Fry, Alva L., North Platte, Nebr. Push-off for sweep rakes. 2,179,549; Nov. 14.
Fry, Benjamin W., University City, and J. Gottfried, assignors to National Slug Rejectors, Inc., St. Louis, Mo. Coin selector for vending machines. Re. 21,301; Dec. 19.
Fry, Clovis L., and R. W. Leslie, El Dorado, Kans., assignors to Skelly Oil Company, Tulsa, Okla. Device for standardizing thermometers and other temperature measuring instruments. 2,162,614; June 13.
Fry, George A., Pietermaritzburg, Natal, Union of South Africa. Preparation for the treatment of wood and other building material and the like against the action of white ants and other insects and against weathering. 2,150,436; Mar. 14.
Fry, Ivan G., Minerva, Ohio. Reel-end alarm. 2,175,938; Oct. 10.
Fry, Jacob R., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,171,333; Aug. 29.

Fry, Jacob R., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,180,705; Nov. 21.
Fry, Murrel B., Dayton, Ohio. Eave trough protector. 2,175,521; Oct. 10.
Fry, Sidney R., Necedah, Wis., assignor of one-third to F. E. and I. Dawes. Safety fused plug. 2,176,793; Oct. 17.
Fry, Wilbur C., New York, N. Y. Trailer coupler. 2,162,481; June 13.
Fryba, Josef, Prague, Czechoslovakia. Safety and signaling apparatus, in particular for railway crossings. 2,158,931; May 16.
Fryberger, R. H. (See Pitney, Earl H., assignor.)
Fryer, Louis S., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Apparatus for the manufacture of artificial filaments. 2,181,052; Nov. 21.
Frykman, Victor L. (See Norton, L. D., and Frykman.)
Fuchs, Harry B., Brooklyn, N. Y. Machine for shaping forms from fabric materials. 2,179,692; Nov. 14.
Fuchs, Henry O., assignor to General Motors Corporation, Detroit, Mich. Balancing machine. 2,171,927; Sept. 5.
Fuel Development Corporation. (See Kimball, Leo B., assignor.)
Fuel Research Development Corporation. (See Slade, Walter C., assignor.)
Fuel Research Development Corporation. (See Snyder, Frederick T., assignor.)
Fuel-Saver Corporation. (See Curioni, A., and Velo, assignors.)
Fuerst, Carl C., assignor to Eastman Kodak Company, Rochester, N. Y. Shutter-operating mechanism for a folding camera. 2,176,493; Oct. 17.
Fugill, Alfred P., Ferndale, and D. H. Corey, Grosse Pointe, assignors, by mesne assignments, to Kuhlman Electric Company, Bay City, Mich. Apparatus for relieving stresses in welds. 2,180,513; Nov. 21.
Fügmann, Kurt. (See Augustin, E., Fügmann, Klein, Schliemann, and Herrmann.)
Fuhrmann, Walter. (See Ponndorf, A., and Fuhrmann.)
Fuiks, Samuel J., Chicago, Ill. Minnow snare. 2,184,073; Dec. 19.
Fujitaka, Shuhei, and T. Takenouchi, Tokyo, Japan. Lightning arrester. 2,173,625; Sept. 19.
Fujiura, Motoi, San Francisco, Calif. Orchard heater. 2,155,184; Apr. 18.
Fukuhara, Mitsuo, Tacoma, Wash. Vehicle signal and operation. 2,183,349; Dec. 12.
Fulcher, Gordon S., assignor to Corhart Refractories Company, Louisville, Ky. Refractory cast block and producing the same. 2,145,113; Jan. 24.
Fulda, Wilhelm, Lautawerk, Lausitz, and R. Wittig, Grevenbroich, Niederrhein, Germany. Continuous extraction of aluminium oxide from bauxite. 2,143,310; Jan. 10.
Fulford Manufacturing Company. (See Kluger, Herman, assignor.)
Fulk, George L., San Francisco, Calif., assignor to Carbon Interleaved Forms Corporation, Norwalk, Ohio. Manifolding device. 2,143,107; Jan. 10.
Fulk, George L., San Francisco, Calif., assignor to Carbon Interleaved Forms Corporation, Norwalk, Ohio. Machine for making manifold forms. 2,144,331; Jan. 17.
Fulk, George L., Mentor, Ohio, assignor, by mesne assignments, to J. S. Fleming, Niagara Falls, N. Y. Manifold form. 2,143,621; Jan. 10.
Fulk, George L., Mentor, Ohio, assignor, by mesne assignments, to J. S. Fleming, Niagara Falls, N. Y. Manifold form. 2,143,622; Jan. 10.
Fulk, George L., Mentor, Ohio, assignor, by mesne assignments, to J. S. Fleming, Niagara Falls, N. Y. Manifold form. 2,143,623; Jan. 10.
Fulk, George L., assignor to Schwabacher-Frey Company, San Francisco, Calif. Multiple forms. 2,172,870; Sept. 12.
Fulk, James B., assignor to Carbon Interleaved Forms Corporation, Norwalk, Ohio. Making manifold forms. 2,154,157; Apr. 11.
Fulke, Frank L., assignor to Frank Prox Company, Terre Haute, Ind. Making mining machine chains and links therefor. 2,152,139; Mar. 28.
Fulke, Frank L., assignor to Frank Prox Company, Terre Haute, Ind. Making cutter bits. 2,156,725; May 2.
Fulke, Frank L., assignor to Frank Prox Company, Terre Haute, Ind. Mining machine and elements thereof. 2,156,726; May 2.
Fulke, Frank L., assignor to Frank Prox Company, Terre Haute, Ind. Mining chain cutter. 2,168,794; Aug. 8.
Fulkerson, Richard E., assignor to The Exner-Dodge Packer Company, Coffeyville, Kans. Packer. 2,156,939; May 2.
Fulkerson, Wilmer A., Brookfield, Mo. Wringer. 2,172,654; Sept. 12.
Fuller, Albert B., assignor to Eastman Kodak Company, Rochester, N. Y. Timing device. 2,150,680; Mar. 14.
Fuller, Albert B., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Indicating system and calibrating the same. 2,161,344; June 6.
Fuller, Arthur D., assignor to National Adhesives Corporation, New York, N. Y. Manufacture of gum confections. 2,173,878; Sept. 26.
Fuller, Albert W., Munice, Ind. Roofing shingle. 2,179,738; Nov. 14.
Fuller Brush Company, The. (See Cave, Henry, assignor.)
Fuller Brush Company. (See Smith, Curtiss F., assignor.)
Fuller, Charles M., Los Angeles, assignor to E. D. Wilkinson, Stockton, Calif. Ore concentrator. 2,148,068; Feb. 21.
Fuller, Charles M., Los Angeles, Calif., and A. C. Denison, Yearington, Nev., assignors to E. D. Wilkinson, Stockton, Calif. Ore concentrator. 2,148,067; Feb. 21.
Fuller, Clarence W., Yonkers, N. Y., assignor to Shu-Life Spike Corporation. Spike for golf shoes. Re. 21,173; Aug. 8.
Fuller Company. (See Douglass, Alfred E., assignor.)
Fuller Company. (See Lenhart, Herbert S., assignor.)
Fuller, Cornell G. (See Beckham, W. K., and Armstrong.)
Fuller, Cornell G., Barnwell, assignor of one-third to W. K. Beckham, Columbia, and one-third to F. E. Armstrong, Greenville, S. C. Road machine. 2,184,913; Dec. 26.
Fuller, Everett W. (See Moran, R. C., and Fuller.)
Fuller, Everett W., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Lubricating oil and protecting same. 2,161,566; June 6.
Fuller, Everett W. (See Moran, R. C., James, and Fuller.)
Fuller, Frederick L., West Orange, N. J., and S. Brand, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Combined record sorting and accounting machine. 2,142,352; Jan. 3.
Fuller, Frederick L., West Orange, N. J., assignor to International Business Machines Corporation, New York, N. Y. Indicating mechanism for cash registers. 2,146,292; Feb. 7.
Fuller Frederick L., and G. F. Daly, West Orange, N. J., assignors to International Business Machines Corporation, New York, N. Y. Department store machine. 2,150,215; Mar. 14.
Fuller Frederick L., West Orange, N. J., and S. Brand, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Sorting machine. 2,150,216; Mar. 14.
Fuller, Frederick L., West Orange, and G. F. Daly, Binghamton, assignors to International Business Machines Corporation, New York, N. Y. Card feeding mechanism. 2,153,180; Apr. 4.
Fuller, Frederick L., West Orange, N. J., assignor to International Business Machines Corporation, New York, N. Y. Cash register. 2,165,248; July 11.
Fuller, Frederick L., West Orange, N. J., assignor to International Business Machines Corporation, New York, N. Y. Card punching machine. 2,165,249; July 11.
Fuller, Frederick L., West Orange, N. J., assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,178,749; Nov. 7.
Fuller, Frederick L., West Orange, N. J., assignor to International Business Machines Corporation, New York, N. Y. Cash register. 2,181,990; Dec. 5.
Fuller, Frederick L., West Orange, N. J., assignor to International Business Machines Corporation, New York, N. Y. Punching machine. 2,181,991; Dec. 5.
Fuller, Gerald S., Schenectady, N. Y. Type casting. 2,146,502; Feb. 7.
Fuller, Henry C., Washington, D. C. Nail enamel. 2,173,755; Sept. 19.
Fuller, Hermon A., Modesto, Calif. Electric sign. 2,155,936; Apr. 25.
Fuller, James G., Chicago, Ill., assignor to National Fin-Mix Corporation, St. Louis, Mo. Making composite pavement. 2,152,798; Apr. 4.
Fuller, John E., Fairview, N. C. Internal combustion engine. 2,152,037; Mar. 28.
Fuller, Leonard, London, and E. W. Sudlow, Ilford, England. Electric secondary battery. 2,176,173; Oct. 17.
Fuller, Raymond C., assignor to Henry Vogt Machine Co., Louisville, Ky. Scraper for double pipe chillers. 2,163,995; June 27.
Fuller, Rufus W., Deerfield, assignor to Production Machine Company, Greenfield, Mass. Grinding and polishing machine. 2,165,097; July 4.
Fuller, Warren, Continental, assignor to C. S. Shisler, Oakwood, Ohio. Control accessibility. 2,175,188; Oct. 10.
Fuller, Wayne C., assignor of one-third to A. W. Richey, and one-third to W. Heian, Seattle, Wash. Interlocking brick wall. 2,173,104; Sept. 19.
Fuller, William J., assignor to J. E. Wrightsman, Los Angeles, Calif. Wind wing. 2,164,059; June 27.
Fullerite, Incorporated. (See Baylis, W. S., and Kelley, assignors.)
Fullilove, Jack P., Shreveport, La. Ambulatory insecticide distributor. 2,158,115; May 16.
Fulmer, Frederick P., Trussville, and J. S. Hollingsworth, Tarrant, assignors of thirty percent to said Fulmer, forty percent to C. Denegre, Birmingham, and thirty percent to R. C. Todd, Trussville, Ala. Electric watt-hour meter. 2,167,832; Aug. 1.
Fullmer, Giles C., assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Flashlight switch. 2,160,496; May 30.
Fullmer, Giles C., assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Flashlight. 2,173,650; Sept. 19.

Fullmer, Giles C., assignor to The Bridgeport Metal Goods Manufacturing Company, Bridgeport, Conn. Cosmetic holder. 2,178,279; Oct. 31.
Fulton Bag and Cotton Mills. (See Marbury, H. B., and Jones, assignors.)
Fulton, Clarence E., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Making clay pots. 2,149,595; Mar. 7.
Fulton Company, The (See Thorp, Joel R., assignor.)
Fulton Company, The. (See Thorp, J. R., and Marsh, assignors.)
Fulton Company, The. (See Thorp, J. R., and Strand, assignors.)
Fulton, Harry E., New York, N. Y. Axe handle fastening. 2,155,893; Apr. 25.
Fulton, Henry R., Mount Lebanon, Pa., assignor to Bailey Meter Company. Desuperheater control. 2,176,838; Oct. 17.
Fulton Iron Works Company. (See Hurter, H., and Kurth, assignors.)
Fulton, Luther D., Titusville, and J. M. Hinman, Rouseville, assignors to The Pennzoil Company, Oil City, Pa. Producing lubricating oil. 2,144,652; Jan. 24.
Fulton, Nell, New York, N. Y. Combined toy advertising device. 2,155,788; Apr. 25.
Fulton, Nell L., New York, N. Y. Coin holder. 2,159,555; May 23.
Fulton, Nell, New York, N. Y. Glove and article holder. 2,169,633; Aug. 15.
Fulton, Nell, New York, N. Y. Toy. 2,177,211; Oct. 24.
Fulton, Nell, New York, N. Y. Coin holder. 2,181,806; Nov. 28.
Fulton, Stephen M. (See Guyler, A. F., Boaler, and Fulton.)
Fulton, Stephen M. (See Kimpton, W. H., and Fulton.)
Fulton, Stephen M., and W. H. Kimpton, Spondon, near Derby, England, assignors to Celanese Corporation of America. Yarn-winding apparatus. 2,173,160; Sept. 19.
Fulton Sylphon Company, The. (See Dube, John E., assignor.)
Fulton Sylphon Company, The. (See Giesler, Jean V., assignor.)
Fulton Sylphon Company, The. (See Giesler, J. V., and Dube, assignors.)
Fulton Sylphon Company, The. (See Mackintosh, William B., assignor.)
Fulton, Weston M., assignor to W. J. Savage Company, Inc., Knoxville, Tenn. Feeder. 2,173,414; Sept. 19.
Fulton, Weston M. (See Murrian, J. A., Chapman, and Fulton.)
Fulton, William E., York, Pa. Washing machine. 2,157,695; May 9.
Fulweiler, John E., Moylan, Pa. Separating system and method. Re. 21,185; Aug. 29.
Fumagalli, Charles, Guatemala City, Guatemala. Windmill and windmill electric generating and regulating storage system. 2,179,885; Nov. 14.
Funk, Charles J., assignor, by mesne assignments, of one-half, to E. T. O'Brien, J. G. Shehee, and J. J. McLaughlin, and one-third to McLaughlin & Wallenstein, Chicago, Ill. Composite article and making the same. 2,145,651; Jan. 31.
Funk, Claude E., Daggett, Calif. Track lining gauge. 2,142,472; Jan. 3.
Funk, Robert V. (See Ennis, George H., assignor.)
Funk, Truman B., assignor to "Yard-Man", Inc., Jackson, Mich. Power lawn mower. 2,151,659; Mar. 21.
Funke, Fred W., Oakland, Calif., dedicated to the free use of the Public in the territory of the United States of America. Fluid seal for fire hose reels. 2,149,119; Feb. 28.
Funke, Werner. (See Zimmermann, M., and W. Funke.)
Funseh Aktiengesellschaft. (See Günzel, E., and Ruska, assignors.)
Funston, Frederick D. (See Rossman, E. F., and Funston.)
Fuoss, Raymond M., Schenectady, N. Y., assignor to General Electric Company. Electrical insulation. 2,171,334; Aug. 29.
Fuqua, Edward B., Memphis, Tenn. Pump. 2,148,740; Feb. 28.
Furbush, Frank L., assignor to C. G. Sargent's Sons Corporation, Graniteville, Mass. Counterflow system for wool scouring machines. 2,157,287; May 9.
Furedy, Frank, assignor to American Flange and Manufacturing Company, Inc., New York, N. Y. Spout unit for containers. 2,147,289; Feb. 14.
Furlong, Francis A., River Forest, assignor to Autogas Corporation, Chicago, Ill. Heater. 2,160,264; May 30.
Furlong, Francis A., assignor to Autogas Corporation, Chicago, Ill. Heating system. 2,164,511; July 4.
Furlong, Francis A., River Forest, assignor to Autogas Corporaton, Chicago, Ill. Heating system. 2,164,512; July 4.
Furness, Reginald, Warrington, and A. Fairbourne, Bebington, assignors to Lever Brothers Limited, Port Sunlight, England. Detergent product and making same. 2,154,977; Apr. 18.
Furness, William H., assignor to American Rayon Company, Inc., Riverton, N. J. Finishing cotton yarn and the product thereof. 2,183,477; Dec. 12.
Furnish, Arthur H., Cardington, Ohio. Freight transporting mechanism. 2,150,371; Mar. 14.
Furrer, Emery C., Chicago, Ill. Centrifugal compressor. 2,142,187; Jan. 3.
Furrer, Emery C., Chicago, Ill. Tool. 2,161,152; June 6.
Furrer, Emery C., Chicago, Ill. Apparatus for separating gases. 2,170,071; Aug. 22.
Furry, John F. (See Ames, A. D., and Furry.)
Furry, John F., assignor to Outboard, Marine & Manufacturing Company, Waukegan, Ill. Evaporator coil and the like. 2,158,324; May 16.
Fürst, Stefan, Gladbach-Rheydt, assignor to W. Schlafhorst & Co., Munchen-Gladbach, Germany. Appliance for testing the tension of textile threads or yarn. 2,159,969; May 30.
Fürstenthal, Hermann, Berlin, Germany. Illuminated advertising apparatus. 2,175,505; Oct. 10.
Fusca, Emil A., Perrysville, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Magnetic drive for lehr rolls. 2,159,657; May 23.
Fuscaldo, Frank, and A. Parks, Chicago, Ill.; said Parks assignor to said Fuscaldo. Hair clip. 2,149,214; Feb. 28.
Fuscaldo, Frank, and A. Parks, Chicago, Ill.; said Parks assignor to said Fuscaldo. Hair clip and curler. 2,149,215; Feb. 28.
Fuscaldo, Ottavio, Milan, Italy. Charging of explosion engines. 2,177,020; Oct. 24.
Fuschi, Antonio, New York, N. Y. Tone modifying apparatus. 2,142,391; Jan. 3.
Fuss, Johann, assignor to Netzschkauer Maschinenfabrik Franz Stark & Söhne, Netzschkau in Vogtland, Germany. Manufacture of clear ice. 2,149,912; Mar. 7.
Fyke, Homer R., Los Angeles, assignor to T. O. Haynes, Laguna Beach, Calif. Door operating apparatus. 2,159,522; May 23.
Fykse, Mitchell L., South Milwaukee, Wis. Making flexible shaft couplings. 2,184,183; Dec. 19.
Fyler, George W., Stratford, Conn., assignor to General Electric Company. Radio transmitter. 2,147,486; Feb. 14.
Fyler, George W., Stratford, Conn., assignor to General Electric Company. Protective equipment. 2,152,472; Mar. 28.
Fyler, George W., Stratford, Conn., assignor to General Electric Company. High frequency receiver. 2,173,714; Sept. 19.
Fyler, Lane K., assignor to Eaton Paper Corporation, Pittsfield, Mass. Slug clamp for multigraph machine drums. 2,147,433; Feb. 14.
Fyles, Lyndon F., Rochester, Vt. Wire-transport reel. 2,184,739; Dec. 26.
Fyr-Fyter Company, The. (See Iddings, R. C., and Williams, assignors.)
G. & A. Laboratories. (See Hasselstrom, Torsten, assignor.)
G. B. G. Corporation. (See Graf, Elmer J., assignor.)
G. J. M. Textile Corp. (See Campagnoli, Charles E., assignor.)
G. & L. Machine & Tool Works. (See Lebert, P., and Deck, assignors.)
G-M Laboratories, Inc. (See McMaster, A. J., and Sommermeyer, assignors.)
G-M Laboratories, Inc. (See Van Guilder, Walter, assignor.)
G. & N. Engineering Company. (See Strand, August A., assignor.)
G & O Manufacturing Company, The. (See Gurlik, Edward A., assignor.)
G & W Electric Specialty Co. (See Papp, Andrew E., assignor.)
Gabby, John L. (See Porsche, J. D., Pike, and Gabby.)
Gabel, Albert W., Berea, Ohio. Shredding machine. 2,172,886; Sept. 12.
Gabel, Arnold R. (See Stoesser, S. M., and Gabel.)
Gabel, John, Manufacturing Company. (See Mueller, Emil C., assignor.)
Gabel, John E., Ashland, Pa. Shaping tool. 2,162,165; June 13.
Gable, Albert C. (See Elder, T. A., and Gable.)
Gäbler, Kurt, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photoelectric cell. 2,183,256; Dec. 12.
Gabrieau, Joseph D., Tacoma, Wash. Combination peeler, beater, and slicing machine. 2,178,889; Nov. 7.
Gabriel Company, The. (See Beecher, Eugene L., assignor.)
Gabriel, Leonard G., and J. F. T. Blott, London, England, assignors, by mesne assignments, to The Flintkote Company, New York, N. Y. Bitumen dispersions and making same. 2,163,445; June 20.
Gabriel, Paul, Corporation. (See Callaghan, John P., assignor.)
Gabriel Steel Company. (See Wall, Frank E., assignor.)
Gabrielson, Christian. (See Rowe, W. H., and Gabrielson.)
Gabrielson, John B., assignor of one-half to O. Edman, Stockholm, Sweden. Multicylinder internal combustion engine. 2,182,866; Dec. 12.
Gabrielson, William A. (See Carpenter, J. H., and Gabrielson.)
Gabrilovitch, Leonide, Paris, France. Method and device for reducing and increasing audio frequencies. 2,170,751; Aug. 22.

Gachon, Albert, assignor to Societe de Paris & du Rhone, Lyon, France. System for starting internal combustio engines or the like by means of electric motors. 2,164,909; July 4.
Gacioppo, Alfonso, Tucuman, Argentina. Shock absorber. 2,185,127; Dec. 26.
Gadd, William E., East Orange, N. J., assignor to Poor & Company, New York, N. Y. Frozen rail joint. 2,170,018; Aug. 22.
Gaebel, Alfred, Berlin, and A. Katsch, Berlin-Lichterfelde, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Electronic discharge tube. 2,164,910; July 4.
Gaebel, Arthur H., Larchmont, N. Y. Photograph print drying apparatus. 2,146,255; Feb. 7.
Gaebel, Arthur H., Larchmont, N. Y. Optical contrast meter. 2,164,513; July 4.
Gaebel, Arthur H., Larchmont, N. Y., and A. K. Hansen, Alexandria, Va.; said Hansen assignor to said Gaebel. Retouching and stripping frame. 2,165,965; July 11.
Gaebel, Arthur H., Larchmont, N. J. Supporting means. 2,166,523; July 18.
Gaede, John W., Cleveland, Ohio. Saw set. 2,180,899; Nov. 21.
Gaenssle, Paul W., Detroit, Mich., assignor to Budd Wheel Company, Philadelphia, Pa. Wheel mounting. 2,174,070; Sept. 26.
Gaertner, Moritz, New York, N. Y. Liquidproof submerged bearing. 2,143,373; Jan. 10.
Gaertner, Moritz, New York, N. Y. Positively controlled vertical agitator and conditioner. 2,143,652; Jan. 10.
Gaffers, Herman B., Watervliet, N. Y. Extension ladder trestle. 2,144,440; Jan. 17.
Gage, Fred W., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Processing motion picture film. 2,163,029; June 20.
Gage Fred W., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Apparatus for processing motion picture film. 2,177,706; Oct. 31.
Gage Fred W., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Film processing apparatus. 2,177,708; Oct. 31.
Gage, Frederick, Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Decolorizing titanium tetrachloride. 2,178,685; Nov. 7.
Gage, John R., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Manufacture of mercaptothiazoles. 2,161,741; June 6.
Gage, Joseph A. (See Johnson, Ben H., assignor.)
Gage, William P., Deer Park, Tex., assignor to Shell Development Company, San Francisco, Calif. Olefin interpolymerization process. 2,171,928; Sept. 5.
Gagg, Rudolph F., Fair Lawn, N. J., assignor to Wright Aeronautical Corporation. Cowling. 2,178,960; Nov. 7.
Gagne, Augustin. (See Lawson, R. H., and Gagne.)
Gagnier, George E. (See Place, Bion C., assignor.)
Gagnon, Louis L. (See Glancy, A. E., and Gagnon.)
Gagnon, Louis L., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. Re. 21,255; Oct. 31.
Gagnon, Rodolphe A. (See Hanahan, M. L., and Gagnon.)
Gaidies, Georg, Berlin-Pankow, H. Krefft, Berlin-Friedrichshagen, and H. Kummer, Neuenhagen-sud, near Berlin, Germany, assignors to General Electric Company. Electric gaseous discharge device. 2,175,345; Oct. 10.
Gaidos, Alonzo F., Redwood City, Calif. Attachment for firearms. 2,150,914; Mar. 21.
Gail, George W., Ruxton, Md. Bed. 2,149,167; Feb. 28.
Gailor, Chester F., Brooklyn, N. Y. Rail retaining device. 2,143,374; Jan. 10.
Gailor, Chester F. (See Moore, Milburn, assignor.)
Gailor, Chester F., Brooklyn, N. Y., assignor to The Rails Company, New Haven, Conn. Tie plate. 2,154,931; Apr. 18.
Gaines, Frederick W., 3d, Cleveland Heights, assignor to The Ajax Manufacturing Company, Euclid, Ohio. Holder for wire-drawing dies. 2,147,888; Feb. 21.
Gaines, John M., Jr. (See Babcock, R. S., and Gaines.)
Gair, Robert, Company. (See Weiss, Arthur J., assignor.)
Gairing Tool Company. (See West, Claude A., assignor.)
Gaisman, Lucien, Woodley, near Manchester, England. Carriage way unit for bridges and like structures. 2,165,846; July 11.
Gaither, Gant, Hopkinsville, Ky. Process for making elemental sulphur from ores and gases containing sulphur. 2,163,554; June 20.
Gaither, Gant, Hopkinsville, Ky. Making elemental sulphur from ores and gases containing sulphur. 2,177,707; Oct. 31.
Gaither, Herbert C., Detroit, Mich. Cable attaching means. 2,165,542; July 11.
Galamb, Joseph, Detroit, assignor to Ford Motor Company, Dearborn, Mich. Vehicle battery construction. 2,151,424; Mar. 21.
Galambos, Louis A., Jr., Kansas City, Mo., assignor to Sullivan Machinery Company. Bit heating apparatus. 2,160,265; May 30.
Galanot, Camille P., Youngstown, Ohio, assignor to The Commercial Shearing & Stamping Company. Dump vehicle. 2,168,298; Aug. 1.
Galanot, Camille P., Youngstown, Ohio, and J. A. Watson, Jr., Silver Spring, Md. Traction device. 2,171,547; Sept. 5.
Galassi, Theodore V., Providence, R. I. Terrazzo construction. 2,179,289; Nov. 7.
Galber, Harry. (See Dike, T. W., and Galber.)
Gale, Glen F., Salt Lake City, Utah. Typographical machine line indicator. 2,154,267; Apr. 11.
Gale, Rowland A., New York, N. Y. Apparatus and method for converting starch. 2,148,016; Feb. 21.
Galeazzo, Leopold F., Brooklyn, N. Y. Puzzle or educational toy. 2,162,278; June 13.
Galetti, Mario, Milan, Italy. Articulator. 2,180,673; Nov. 21.
Galgano, Frank V. (See Niedermaier, Philip J., assignor.)
Galgoczy, Micheal A., Jr., assignor of one-fourth to F. Bucsi, Cleveland, Ohio. Window ventilator. 2,152,249; Mar. 28.
Galion Iron Works and Manufacturing Company, The. (See Arndt, Franklin E., assignor.)
Galion Iron Works and Manufacturing Company, The. (See Keeler, Raymond W., assignor.)
Galion Metallic Vault Company, The. (See Biszantz, Fred, assignor.)
Galion Metallic Vault Company, The. (See Biszantz, F., and King, assignors.)
Galion Metallic Vault Company. (See Smith, Ralph E., assignor.)
Galkin, Joseph, New York, N. Y. Elastic tape attaching mechanism. 2,153,244; Apr. 4.
Galkin, Joseph, New York, N. Y. Trimming and stitching machine. 2,173,161; Sept. 19.
Gall, Bernardus O. M. (See Jonker, J. L. H., and Gall.)
Gall, Robert L. B. (See Webb, Kevin W. C., assignor.)
Gallagher, Arthur D. See Lindgren, A. C., and Gallagher.)
Gallagher, Clarence D., assignor of one-half to W. Schrem, Philadelphia, Pa. Producing ringless knitted fabrics. 2,179,785; Nov. 14.
Gallagher, Ernest L., Beeville, Tex. Spinning tong. 2,144,967; Jan. 24.
Gallagher, George W., and J. G. Rietfort, Waseca, Minn. Pick-up and loading machine for vine crops. 2,172,655; Sept. 12.
Gallagher, John J. (See Rogers, Ulysses G., assignor.)
Gallagher, John T. (See McMullen, J., and Gallagher.)
Gallagher, Michael J., Kingston, N. Y. Electrician's guide. 2,179,658; Nov. 14.
Gallagher, Milton, and R. L. Hasche, Kingsport, Tenn., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Manufacture of propionic aldehyde. 2,150,158; Mar. 14.
Gallagher, Walter J., Yonkers, N. Y., assignor to Delamore Company, Inc., Jersey City, N. J. Hair curler. 2,171,122; Aug. 29.
Gallaher Joseph, Baldwin, N. Y. Apparatus for reproducing congruent images of one-shot films. 2,147,434; Feb. 14.
Gallas, Morris, San Francisco, Calif. Marquee letter and support. 2,143,731; Jan. 10.
Galle, Jean B. P. H., Sceaux, France. Brake adjustment indicating device. 2,182,554; Dec. 5.
Gallery, Daniel V., U. S. Navy. Gasoline storage tank explosion-hazard eliminating device. 2,153,555; Apr. 11.
Gallihugh, Gordon W., Flint, Mich. Hydraulic control for carburetors. 2,165,628; July 11.
Gallinger, Hiram B., Superior, Wis. Door catch. 2,161,671; June 6.
Galliot, Norbert J. A., Vancresson, and J. A. V. A. Châble, Paris, France. Recoil absorber for firearms. 2,143,596; Jan. 10.
Gallo, Giuseppe, G. B. F., and L. Bassi, and G. Calliera, Turin, Italy. Brake shoe. 2,163,143; June 20.
Gallo, John W., Mineola, N. Y., assignor of one-half to L. H. Segel, Everett, Mass. Dispensing device. 2,173,253; Sept. 19.
Galloni, Giordio, and C. Poggi, assignors to Societe Italiana Brevetti Invenzioni, Bologna, Italy. Spring-action hub for vehicle wheels. 2,145,622; Jan. 31.
Galloway, Alexander G., Washington, D. C., dedicated to the free use of the People of the United States of America. Method and apparatus for dispersing materials. 2,172,001; Sept. 5.
Galloway, Charles D., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Rack for storage battery plates and other objects. 2,148,371; Feb. 21.
Galloway, Donald W., Chicago, Ill., asignor to Talon, Inc. Trouser fly construction. 2,166,092; July 11.
Galloway, James W., assignor to The Automatic Humidifier Company, Cedar Falls, Iowa. Humidifier. 2,144,405; Jan. 17.
Gallun, Hugo R., and G. S. Waddell, Los Angeles, Calif.; said Gallun assignor to said Waddell. Dual transmission control mechanism. 2,161,153; June 6.
Gallup, David L., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,144,016; Jan. 17.
Gallup, David L., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,170,893; Aug. 29.
Gallup, John, Newark, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electrode structure for television transmitting tubes. 2,162,808; June 20.
Gallup, John L., Newark, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Enameled mesh base electrode. 2,175,689; Oct. 10.
Gallupe, Charles A., Mars Hill, Maine. Ambulant spraying machine. 2,169,948; Aug. 15.

Galpin, George G., and C. F. Schmidt, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Apparatus for testing the strength of molded bottle caps. 2,152,541; Mar. 28.
Galson, Henry L. (See Weiland, A., and Galson.)
Galtney, James P., Birmingham, Ala. Bearing. 2,143,240; Jan. 10.
Galton, Landon C., assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Display stand. 2,162,576; June 13.
Galusha, Albert L., Caldwell, N. J. Explosion relief means. 2,169,123; Aug. 8.
Galusha, Albert L., Caldwell, N. J. Controlling the production of water vapor by and supply to gas producers. 2,185,077; Dec. 26.
Galvin, Herbert D., London, assignor to L. C. Engineering Supplies Limited, New Malden, Surrey, England. Cooking, heating, or like apparatus for treating tins of food or other articles. 2,154,978; Apr. 18.
Galvin, Herbert D., assignor to L. C. Engineering Supplies Limited, New Malden, England. Apparatus for cooking or heating foodstuffs. 2,176,811; Oct. 17.
Gambao, Joseph M. (See Maynard, A. H., and Gambao.)
Gambardella, Ralph, Riverview, R. I. Gear shifting means. 2,159,846; May 23.
Gambino, Michael, Philadelphia, Pa. Violin string tensioning device. 2,162,007; June 13.
Gamble, Roy, Tacoma, Wash. Smoking fish. 2,179,122; Nov. 7.
Gamble, Theolian, Des Moines, Iowa. Strainer and juicer for pitcher tops and the like. 2,176,377; Oct. 17.
Gamble, Wilfred M., assignor to Morris Paper Mills, Chicago, Ill. Display carton. 2,160,203; May 30.
Gambrill, James E., Drexel Hill, assignor to The Atlantic Refining Company, Philadelphia, Pa. Treatment of petroleum bituminous materials. 2,175,189; Oct. 10.
Gamewell Company, The. (See Bridges, F. R., and Weld, assignors.)
Gamewell Company, The. (See Little, Elmer H., assignor.)
Gamewell Company, The. (See Weld, Foster E., assignor.)
Gamewell Company, The. (See Weld, F. E., and Smith, assignors.)
Gammeter, John R., Akron, Ohio. Method and apparatus for packaging fluid and semifluid materials. 2,142,505; Jan. 3.
Gammeter, John R., Akron, Ohio. Apparatus for making dipped goods. 2,146,293; Feb. 7.
Gammeter, John R., Akron, Ohio. Treating dipped rubber articles. 2,163,784; June 27.
Gammeter, John R., Akron, Ohio. Ice cream scoop. 2,166,810; July 18.
Gammeter, John R., Akron, Ohio, assignor to United States Rubber Company, New York, N. Y. Method and apparatus for making protective covers or containers. 2,157,054; May 2.
Gammeter, John R., assignor of one-half to S. G. Gammeter, Akron, Ohio. Milk bottle cap. 2,157,601; May 9.
Gammeter, John R., Akron, Ohio, assignor to United States Rubber Company, New York, N. Y. Pneumatic tire. 2,169,041; Aug. 8.
Gammeter, John R., assignor of one-half to S. G. Gammeter, Akron, Ohio. Method and apparatus for applying caps to bottles. 2,173,803; Sept. 19.
Gammeter, Susan G. (See Gammeter,, John R., assignor.)
Gams, Alphonse, and K. Frey, Basel, Switzerland, assignors, by mesne assignments, to the firm of Ciba Products Corporation, Dover, Del. Synthetic resins and making same. 2,149,520; Mar. 7.
Ganaway, John E., Fort Smith, Ark. Gun sight. 2,181,081; Nov. 21.
Ganci, Charles J., Ridgewood, N. Y., assignor to Ward Leonard Electric Company. Resistor unit. 2,179,212; Nov. 7.
Gandon, Arthur. (See Masip, J., Gandon, and Soler.)
Gandrud, Ebenhard S., Pipestone, Minn. Surveyor's plane table. 2,155,538; Apr. 25.
Gandrud, Ebenhard S., Owatonna, Minn. Framed pastry cloth. 2,183,767; Dec. 19.
Gandtner, Valentin, Falkensee, Kreis Osthavelland, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Arrangement for shielding amplifiers. 2,170,050; Aug. 22.
Gangel, Jay C., Oceanside, assignor to Merill-Neil Co., Inc., New York, N. Y. Imprinting or embellishing apparatus. 2,155,185; Apr. 18.
Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium alloy. 2,178,573; Nov. 7.
Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,178,574; Nov. 7.
Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,178,575; Nov. 7.
Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,178,576; Nov. 7.
Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium base alloy. 2,178,577; Nov. 7.
Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium alloy. 2,178,578; Nov. 7.
Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium alloy. 2,178,579; Nov. 7.
Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium alloy. 2,178,580; Nov. 7.
Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. Magnesium alloy. 2,178,581; Nov. 7.
Gann, John A., assignor to The Dow Chemical Company, Midland, Mich. 2,178,582; Nov. 7.
Gannestad, Thor, Pittsburgh, Pa. Valve. 2,174,416; Sept. 26.
Gannett, Chauncey W., assignor to Wellington Machine Company, Wellington, Ohio. Wheel. 2,154,932; Apr. 18.
Gano, Alfred S., assignor to Associated Press, New York, N. Y. Modulation system. 2,180,514; Nov. 21.
Gano, Harlan S., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,162,577; June 13.
Ganoe, John E., New Kensington, Pa., assignor to Aluminum Company of America, Pittsburgh, Pa. Extrusion. 2,164,397; July 4.
Gansel, Imre, Budapest, Hungary. Fixer for permanent catheters. 2,159,947; May 23.
Ganser, Montgomery L., Norristown, Pa. Pressure testing device. 2,167,449; July 25.
Ganswindt, Hartmut. (See Matthies, K. and Ganswindt.)
Gansz, Harry G., Cincinnati, Ohio. Receptacle closure. 2,153,245; Apr. 4.
Gantnier, Frank J., assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Film spool. 2,182,398; Dec. 5.
Gantt, Jacob P., Rock Hill, S. C. Battery carrier and lifter. 2,157,753; May 9.
Gantz, Letitia. (See Gunsaullus, Fred D., assignor.)
Ganz, Harry A., and R. A. Kamm, assignors to Electra Sales Corporation. Hartford, Conn. Resistance shunt. 2,155,789; Apr. 25.
Gapinski, Edmund J., New York, N. Y. Showcase lock. 2,171,123; Aug. 29.
Garbell, Max, assignor to Victor Adding Machine Company, Chicago, Ill. Printing mechanism. 2,165,922; July 11.
Garbell, Max, assignor to Victor Adding Machine Company, Chicago, Ill. Rectifying means for printing mechanism. 2,165,923; July 11.
Garber, Samuel E., Bridgewater, Va. Collapsible poultry crate. 2,171,690; Sept. 5.
Garbisch, Norbert S. (See McGregor, Rob R., assignor.)
Garbutt, Charles D., Revere, Mass. Rubber sole and heel combination and shoe containing the same. 2,154,612; Apr. 18.
Garbutt, Frank A. (See Hatherell, George A., assignor.)
Garbutt, Frank A., Los Angeles, Calif. Forming sticks or ribbons of chewing gum or the like. 2,156,810; May 2.
Garcia, Donato P., Mexico, D. F., Mexico. Intravenous therapy for the treatment of syphilis. 2,145,869; Feb. 7.
Gard, Arthur W., Edgewood, Pa. Toy. 2,152,542; Mar. 28.
Gard, Earle W., Palos Verdes Estates, and B. G. Aldridge, assignors to Union Oil Company of California, Los Angeles, Calif. Process and apparatus for interacting fluids. 2,170,0496; Aug. 22.
Gard, Eldon T., South Bend, Ind. Earth conditioning machine. 2,154,840; Apr. 18.
Gard, Emmett B., New Castle, Pa. Curtain stretcher. 2,165,629; July 11.
Gardella, Albert B., Cleveland, assignor of one-half to G. C. Guckes, Lakewood, Ohio. Glass cap structure for percolator covers. 2,165,630; July 11.
Gardella, Albert B., Cleveland, assignor of one-half to G. C. Guckes, Lakewood, Ohio. Flagstaff structure. 2,167,579; July 25.
Garden City Envelope Co. (See Roloff, Arthur L., assignor.)
Garden City Plating & Mfg. Co. (See Kurtzon, George B., assignor.)
Gardin, André, and R. Flahaut, Pavillons sous Bois, France. Card selecting device. 2,146,063; Feb. 7.
Gardiner, Arthur N., Stratford, N. J. Apparatus for producing musical sounds. 2,167,600; July 25.
Gardiner, James I., and J. Barnes, San Francisco, Calif., assignors of one-third to C. F. W. Nichols, Chicago, Ill. Processing of tissue or paper and the product obtained thereby. 2,147,889; Feb. 21.
Gardiner, John, Los Angeles, Calif. Pipe aligning device. 2,156,651; May 2.
Gardiner, Laurence E., Stratford, N. J. Relay. 2,170,135; Aug. 22.
Gardiner, William T., et al. (See Peltz, Gordon M., assignor.)
Gardner, Bernard C. (See Farnsworth, P. T., and Gardner.)
Gardner, Clarence V. (See Bowen, H. C., and Gardner.)
Gardner, Clarence V., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure producing device. 2,152,350; Mar. 28.
Gardner, Cummings, Los Angeles, Calif., assignor to Rotomotor Corporation, Washington, D. C. Engine. 2,147,290; Feb. 14.
Gardner, Daniel, Rueil-Malmaison, France, assignor to Studien-& Verwertungs-Aktiengesellschaft, Neuhausen, Switzerland. Production of metallic magnesium. 2,147,645; Feb. 21.

Gardner, Daniel, Rueil-Malmaison, France, assignor to Maatschappij voor Thermo-Chemie N. V., Arnheim, Netherlands. Treatment of beryllium ores. 2,166,659; July 18.
Gardner-Denver Company. (See Pearson, Gustav C., assignor.)
Gardner, Dwight R. (See Baker, D. G., and Gardner.)
Gardner, Frank G., Maplewood, assignor to Breeze Corporations, Inc., Newark, N. J. Terminal connector. 2,149,137; Feb. 28.
Gardner, Frank G., Maplewood, assignor to Breeze Corporations, Inc., Newark, N. J. Heat shield for spark plug cables. 2,169,689; Aug. 15.
Gardner, Frederick P., New York, N. Y. Method of and machine for abstracting and preparing fibers. 2,177,646; Oct. 31.
Gardner, Frederick P., New York, N. Y. Method and machine for the abstraction and preparation of fibers. 2,177,647; Oct. 31.
Gardner, George F. (See Rich, T. A., and Gardner.)
Gardner, Grandison, March Field, Calif. Angle measuring device. 2,142,124; Jan. 3.
Gardner, Henry A., Washington, D. C. Pigmented rubber composition. 2,155,539; Apr. 25.
Gardner, Henry A., Washington, D. C. Pigment and preparing the same. 2,172,505; Sept. 12.
Gardner, Herbert F. (See Bauer, H. F., and Gardner.)
Gardner, John K. (See Gardner, Joseph H. S. and J. K.)
Gardner, John R., Alvin, Tex. Aligning device for welding casings. 2,149,394; Mar. 7.
Gardner, John W., Liverpool, England. Canister container. 2,180,806; Nov. 21.
Gardner, Joseph A. (See Pittman, R. A., and Gardner.)
Gardner, Joseph H. S. and J. K., assignors to L. Gardner & Sons Limited, Patricroft, near Manchester, England. Varying the fuel supply to internal combustion engines. 2,153,921; Apr. 11.
Gardner, Joseph H. S. and J. K., assignors to L. Gardner & Sons Limited, Patricroft, near Manchester, England. Flexible mounting for internal combustion engines. 2,165,750; July 11.
Gardner, Kirtland C., Coraopolis, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Method and apparatus for making metal strip. 2,145,593; Jan. 31.
Gardner, L., & Sons Limited. (See Gardner, Joseph H. S. and J. K., assignors.)
Gardner, Leah L., University City, Mo. Billfold. 2,182,867; Dec. 12.
Gardner, Louis W., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Seismograph prospecting. 2,153,920; Apr. 11.
Gardner Machine Company. (See Hall, Donald R., assignor.)
Gardner, Mayme B. (See Parrish, Grover C., assignor.)
Gardner, Paul N., Bethesda, Md. Combined detachable label and pouring spout. 2,180,045; Nov. 14.
Gardner, Percy L., Patrick, S. C. Combination wood preservative and stain. 2,175,115; Oct. 3.
Gardner-Richardson Company, The. (See Fisher, H. C., and Thompson, assignors.)
Gardner-Richardson Company, The. (See Scusa, L., and Kilian, assignors.)
Gardner-Richardson Company, The. (See Swan, Joseph H., 3d, assignor.)
Gardner-Richardson Company, The. (See von Sydow, R. W., and Sooy, assignors.)
Gardner, Robert H., Whiting, Ind., assignor to Sinclair Refining Company, New York, N. Y. Lubricating oil composition. 2,147,155; Feb. 14.
Gardner Tool and Stamping Company. (See Greene, Henry F., Sr., assignor.)
Gardner, Vern, assignor of one-fourth to H. E. Wallace, Salt Lake City, Utah. Electric plug. 2,183,067; Dec. 12.
Gardner Wire Co. (See Floreth, Alvin H., assignor.)
Garfield, Lewis E., assignor to Hughes Tool Company, Houston, Tex. Offset tricone bit. 2,148,372; Feb. 21.
Garfield, Lewis E., assignor to Hughes Tool Company, Houston, Tex. Retractable core barrel. 2,148,373; Feb. 21.
Garfinkle, Leon, San Fernando, Calif. Necktie with fitting gauge. 2,148,154; Feb. 21.
Garland, Claude M., Chicago, Ill. Centrifugal drier. 2,178,750; Nov. 7.
Garlinghouse, Leslie H., Los Angeles, Calif. Hopper construction. 2,182,893; Dec. 12.
Garlington, William M., Kansas City, Kans. Safety lamp. 2,168,671; Aug. 8.
Garlock, Lewis F., assignor to S. R. Browne Mfg. Co., Inc., New York, N. Y. Lighting device. 2,163,673; June 27.
Garman, Floyd A., Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Rest-bar adjustment for rolling mills. 2,178,904; Nov. 7.
Garman, George W. (See Levoy, L. G., Jr., and Garman.)
Garman, Robert A., et al. (See Clements, Clarence F., assignor.)
Garman, Wilbur R., et al. (See Clements, Clarence F., assignor.)
Garner, Edward F. (See Elliott, J., and Garner.)
Garner, Lloyd P., Newark, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Wire electrode. 2,165,135; July 4.
Garner, Stephen H., assignor to Leach & Garner Company, Attleboro, Mass. Finger ring blank and making same. 2,164,060; June 27.
Garner, Walter, Menston-in-Wharfedale, England. Treating textiles and oils therefor. 2,164,235; June 27.
Garner, Walter, Menston-in-Wharfedale, England. Treating textiles and oils therefor. 2,164,236; June 27.
Garner, Walter, Menston-in-Wharfedale, England. Treating textiles and oils therefor. 2,164,237; June 27.
Garner, Walter, Menston-in-Wharfedale, England. Treating textiles and oils therefor. 2,184,040; Dec. 19.
Garner, Willis B., and H. R. Carter, Turkey, Tex. Liquid fuel burner. 2,159,847; May 23.
Garnett, Clarence C., assignor of one-half to G. C. Powdrill, Minden, La. Fishing pole carrier. 2,144,876; Jan. 24.
Garnett, Edward V. (See Garnett, Vactor G. and E. V.)
Garnett, Vactor G. and E. V., Denver, Colo. Wheel mounting for vehicles. 2,147,025; Feb. 14.
Garnett, Vactor G. and E. V., Denver, Colo. Dual wheel spring mounting. 2,150,322; Mar. 14.
Garnsey, Leigh G., Redlands, Calif. Rotary water cleansing apparatus. 2,148,903; Feb. 28.
Garnsey, Squire E. (See Lambert, H. C., and Garnsey.)
Garratt, Fred C., Jr. (See Hoppes, E. F., Garratt, Jr., and Evans.)
Garratt, Walter A., Covington, Ky., assignor to P. G. Vondersmith. Sound creating device. 2,158,537; May 16.
Garrels, John C., and H. Roderick, Grosse Ile, assignors to Michigan Alkali Company, Wyandotte, Mich. Introducing lime into stills for the recovery of ammonia. 2,156,843; May 2.
Garrels, John C., and H. Roderick, Grosse Ile, assignors to Michigan Alkali Company, Wyandotte, Mich. Production of a pure caustic soda in conjunction with the ammonia soda process. 2,180,755; Nov. 21.
Garrett, Alva H., assignor of 50 per cent to C. O. Parker, Denver, Colo. Flotation machine. 2,179,622; Nov. 14.
Garrett, Arthur W. (See Brady, James H., assignor.)
Garrett, Charles J., Newport, Vt. Folding fish landing net. 2,160,584; May 30.
Garrett, Gilbert J., Alanreed, Tex. Valve control. 2,176,399; Oct. 17.
Garrett, George B., West Dettford Township, Gloucester County, N. J., and W. H. Thornton, assignors to George K. Garrett Company, Inc., Philadelphia, Pa. Spring lock washer and the like. 2,184,252; Dec. 19.
Garrett, George K., deceased, by K. G. Hickman, administratrix, Bryn Mawr, Pa. Machinery for making circular and coiled articles. 2,160,497; May 30.
Garrett, George K., Company. (See Garrett, G. B., and Thornton, assignors.)
Garrett, Henry U., Tyler, assignor to The Guiberson Corporation, Dallas, Tex. Bottom hole control choke. 2,156,429; May 2.
Garrett, Joseph E. (See Kugelman, J., and Garrett.)
Garrett, Richard L., Norfolk, Va. Diving device. 2,149,168; Feb. 28.
Garris, Joseph M., assignor to MacWhyte Company, Kenosha, Wis. Sling. 2,142,641; Jan. 3.
Garris, Joseph M., assignor to Macwhyte Company, Kenosha, Wis. Sling. 2,142,642; Jan. 3.
Garris, Joseph M., assignor to Macwhyte Company, Kenosha, Wis. Sling. 2,142,643; Jan. 3.
Garrison, Allen D. (See Vietti, W. V., and Garrison.)
Garrison, Forrest C., assignor to The Oscar C. Rixson Co., Chicago, Ill. Closing and checking unit. 2,158,417; May 16.
Garrison, George H., Delphi, Ind. Automobile accessory. 2,174,876; Oct. 3.
Garrison, John R., assignor to Garrison Machine Works, Inc., Dayton, Ohio. Gear chuck. 2,153,829; Apr. 11.
Garrison, Kenneth E. (See Noxon, E. W., and Garrison.)
Garrison Machine Works, Inc. (See Garrison, John R., assignor.)
Garrison Machine Works, Incorporated. (See Garrison, Ralph P., assignor.)
Garrison, Murray E. (See Fisher, G. M., and Garrison.)
Garrison, Ralph P., assignor to Garrison Machine Works, Incorporated, Dayton, Ohio. Sealing gasket. 2,182,614; Dec. 5.
Garrison, Wilbert, New York, N. Y. Playing card. 2,162,946; June 20.
Garrott, John H., Pawtucket, R. I., assignor to The Clark Thread Company, Newark, N. J. Box-marking machine. 2,169,238; Aug. 15.
Garside, Elena May, Spokane, Wash. Calibrated self-supporting sanitary spool. 2,165,045; July 4.
Garske, Joseph L., Vallejo, Calif. Ball cock. 2,176,494; Oct. 17.
Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Pressure fluid motor. 2,151,694; Mar. 28.
Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Ratchet and pawl mechanism. 2,153,556; Apr. 11.
Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,154,445; Apr. 18.
Gartin, Elmer G., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drill. 2,169,637; Aug. 15.
Gartland, Ignatius L., Scarsdale, assignor to Color Laboratories, Inc., New York, N. Y. Apparatus for determining the printing time for photographic negatives. 2,167,884; Aug. 1.

Gartner and Bender, Inc. (See Fawcett, Jack O., assignor.)
Gartner, John, New York, N. Y., assignor to Eclipse Aviation Corporation, East Orange, N. J. Electrical conductor. 2,177,563; Oct. 24.
Garton, Clarence E., Sheboygan, Wis. Child's toy. 2,170,616; Aug. 22.
Garverick, Ralph A., assignor to The Marion Metal Products Company, Marion, Ohio. Valve construction. 2,164,911; July 4.
Garvey, Benjamin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanizable plasticizer. 2,155,590; Apr. 25.
Garvey, Benjamin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vulcanizable plasticizer. 2,155,591; Apr. 25.
Garvey, Benjamin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Rubber derivative. 2,168,279; Aug. 1.
Garvis, Gus G., Des Moines, Iowa. Double purpose grill. 2,144,918; Jan. 24.
Garvis, Gus G., Des Moines, Iowa. Barbecue machine. 2,182,225; Dec. 5.
Gar Wood Industries, Inc. (See Barrett, Edward R., assignor.)
Gasco, Pete, Torrance, Calif. Stationary ornament for wheel hub caps. 2,169,237; Aug. 15.
Gascoigne, George H., Wokingham, and J. R. Knox, Reading, England. Controlled delivery of fluids, particularly milk from containers. 2,176,527; Oct. 17.
Gas Fuel Corporation. (See Ditto, Marvin W., assignor.)
Gash, Annie J., Pisgah Forest, N. C., assignor to Donnar Products Corporation, Medford, Mass. Bias woven fabric. 2,159,264; May 23.
Gash, Annie J., Pisgah Forest, N. C., assignor to Donnar Products Corporation, Medford, Mass. Weaving and weaving device. 2,159,265; May 23.
Gaskell, Joseph, St. Helens, assignor to Pilkington Brothers Limited, Liverpool, England. Apparatus for making blocks. 2,147,836; Feb. 21.
Gaskill, Alfred T. (See Geiger, W. J., and Gaskill.)
Gaskill, J. W. (See Draper, Neal, assignor.)
Gaskin, Richard W. E. (See Smith, E. W., Charles, and Gaskin.)
Gaskins, Frank W., Norwood, assignor to The General Spring Company, Cincinnati, Ohio. Coil spring tester. 2,164,453; July 4.
Gas Light and Coke Company, The. (See Densham, Alec B., assignor.)
Gas Light & Coke Company, The. (See Dunning, E. W. B., and Pearce, assignors.)
Gas Light & Coke Company, The. (See Griffith, R. H., and Crawley, assignors.)
Gas Light & Coke Company, The. (See Pexton, S., Hutchison, and Birks, assignors.)
Gas Machinery Company, The. (See Printz, Charles H., assignor.)
Gasner, Sigmund, assignor to Hygienic Dust Bag Corporation, New York, N. Y. Belt retaining device for vacuum cleaners. 2,149,138; Feb. 28.
Gasoline Antioxidant Company. (See Ayers, George W., Jr., assignor.)
Gasoline Antioxidant Company. (See Lang, E. H., and Osterstrom, assignors.)
Gasoline Products Company. (See Armistead, George, Jr., assignor.)
Gasoline Products Company. (See Atwell, Harold V., assignor.)
Gasoline Products Company. (See Baker, Albert L., assignor.)
Gasoline Products Company. (See Dunham, Paul O., assignor.)
Gasoline Products Company. (See Gray, James W., assignor.)
Gasoline Products Company. (See Gray, J. W., and Walton, assignors.)
Gasoline Products Company. (See Keith, Percival C., Jr., assignor.)
Gasoline Products Company. (See Keith, Percy C., Jr., assignor.)
Gasoline Products Company. (See Nofsinger, Charles W., assignor.)
Gasolitor Co. (See Holden, A., and Brown, assignors.)
Gaspar, Béla, Brussels, Belgium. Production of a colored sound film. Re. 21,099; May 30.
Gáspár, Béla, Brussels, Belgium. Producing colored pictures and sound films. 2,155,894; Apr. 25.
Gaspar, Béla, Brussels, Belgium. Process and material for producing three-color photographs and cinematographic pictures on a transparent film. 2,183,393; Dec. 12.
Gáspár, Béla, Brussels-Forest, Belgium. Method of and material for producing multicolor images. 2,166,049; July 11.
Gáspár, Béla, Brussels-Forest, Belgium. Manufacture of colored photographic materials and material therefor. 2,172,307; Sept. 5.
Gáspár, Béla, Brussels-Forest, Belgium. Production of light-sensitive materials for color photographic purposes. 2,172,308; Sept. 5.
Gaspar, Bela, Brussels-Forest, Belgium. Producing photographic dyestuff images. 2,178,167; Oct. 31.
Gaspar, Béla, Brussels-Forest, Belgium. Photographic material and the production of multicolor pictures. 2,183,394; Dec. 12.
Gasper, Béla, Brussels-Forest, Belgium. Light-sensitive material for producing photographic dye images. 2,183,395; Dec. 12.
Gaspari, J., & Co. (See Gaspari, Joseph, assignor.)
Gaspari, Joseph, Harrison, assignor to J. Gaspari & Co., Inc., New York, N. Y. Ophthalmic mounting. 2,180,820; Nov. 21.
Gasprich, James M. (See Carney, C. F., and Gasprich.)
Gas Products Corporation. (See Parker, Claude E., assignor.)
Gasque, Paul E., Vincennes, France. Artificial minnow. 2,166,050; July 11.
Gasser, Emil R. (See Kuhns, A., and Gasser.)
Gassmann, Emil. (See Warth, A. H., and Gassmann.)
Gassner, Sebastian. (See Dieterle, W., and Gassner.)
Gassner, Sebastian. (See Kumetat, K., and Gassner.)
Gast, Edward C., Jr., Cicero, assignor, by mesne assignments, to Acme Visible Records, Inc., Chicago, Ill. Rotating visible frame book. 2,169,488; Aug. 15.
Gast, Ernst, assignor to Ickes-Braun Mill Company, Chicago, Ill. Greenhouse. 2,159,735; May 23.
Gaston, Alpheus D., Austin Tex. Fuel burner. 2,174,082; Sept. 26.
Gaston, Irving, assignor to Hammel, Riglander & Co., Inc., New York, N. Y. Pallet and roller jewel setter. 2,181,971; Dec. 5.
Gaston, John R., East Orange, assignor to American Transformer Company, Newark, N. J. Protective bushing for electrical apparatus. 2,142,188; Jan. 3.
Gas Tool Patents Corporation. (See Bard, Francis N., assignor.)
Gas Tool Patents Corporation. (See Boddinghouse, Emmons R., assignor.)
Gas Tool Patents Corporation. (See Charles, Carl L., assignor.)
Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Means and method for heat treating wire formed implements. 2,161,742; June 6.
Gastrich, Gustav, assignor to Textile Machine Works, Wyomissing, Pa. Loop length regulating mechanism for straight knitting machines. 2,175,989; Oct. 10.
Gastrow, Hans, assignor to Franz Braun Aktiengesellschaft, Zerbst in Anhalt, Germany. Molding of thermoplastic materials. 2,174,319; Sept. 26.
Gaswirth, Sol. (See Langerman, Jonas, assignor.)
Gat, John D., Pittsburgh, Pa. Heat-resistant alloy. 2,172,023; Sept. 5.
Gatch, Hayward H. (See Freihoff, Anthony G., assignor.)
Gatch, Robert F. (See Bohmer, C. I., and Gatch.)
Gate City Sash & Door Company. (See Jones, Earl P., assignor.)
Gates, Arthur O., and O. H. and G. Pearson, assignors, by mesne assignments, to N. L. Strike, Salt Lake City, Utah. Automatic fluid connection for toggle actions. 2,171,235; Aug. 29.
Gates, Geoffrey R. G., assignor of one-half to Automotive Products Company Limited, London, England. Servobrake mechanism for vehicles and the like. 2,166,586; July 18.
Gates, George W., et al. (See Martel, Adelard F., assignor.)
Gates, Henry S., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 2,179,329; Nov. 7.
Gates, John C. (See Johnstone, H. G., and Gates.)
Gates, John E., assignor to The National Cash Register Company, Dayton, Ohio. Cash register and accounting machine. 2,178,339; Oct. 31.
Gates, Lee O., Denver, Colo. Concrete form tie. 2,171,524; Sept. 5.
Gates Manufacturing Company. (See Lane, Fred O., assignor.)
Gates-Mills Inc. (See Baird, B. O., Bowen, and Davis, assignors.)
Gates-Mills Inc. (See Davis, Adam C., Jr., assignor.)
Gates, Paul G., Long Beach, Calif. Pump type bailer. 2,166,488; July 18.
Gates, Paul G., Long Beach, Calif. Pump type bailer. 2,166,489; July 18.
Gates, Percival T. (See Walsh, P. H., and Gates.)
Gates, Renfrew W., Gainesville, Fla. Egg case filler. Re. 20,960; Jan. 3.
Gates Rubber Company, The. (See Flint, H. M., and Moe, assignors.)
Gates Rubber Company, The. (See Nassimbene, Ernest, assignor.)
Gates, Rupert G., Sharon, Mass., assignor of one-half to C. L. Wickersham, Sharpsburg, Pa. Preparation of leguminous foodstuffs. 2,182,175; Dec. 5.
Gates, Velma A., Phoenix, Ariz. Rythmic cycle calendar. 2,161,345; June 6.
Gathmann, Emil, assignor to Gathmann Research Incorporated, Catonsville, Md. Ingot mold and ingot. 2,166,587; July 18.
Gathmann Research Incorporated. (See Gathmann, Emil, assignor.)
Gatons, Charles F. (See Pletcher, H. S., and Gatons.)
Gatten, Ernest B., Richmond, Va. Snap for sample ophthalmic mountings. 2,177,035; Oct. 24.
Gattoni, John, Union City, assignor to Seederer-Kohlbusch, Inc., Jersey City, N. J. Apparatus for sharpening knife edges. 2,180,952; Nov. 21.
Gaubatz, Arthur W. (See Dolza, J., and Gaubatz.)

Gauch, Harold W. (See Steuernagel, G. H., and H. W. and R. R. Gauch.)
Gauch, Ray R. (See Steuernagel, G. H., and H. W. and R. R. Gauch.)
Gaudé, Grancis J., Port Allen, La. Advertising novelty. 2,144,877; Jan. 24.
Gaudin, John B., New York, N. Y. Heat exchanging system. 2,143,873; Jan. 17.
Gaudy, R. J., et al., trustees. (See Greger, Herbert H., assignor.)
Gaughrin, William, Chicago, Ill. Clinker removing device. 2,142,441; Jan. 3.
Gaugler, Richard S. (See Sittler, E. C., and Gaugler.)
Gaul, Max, Eppstein, Taunus, Germany, assignor of fifty per cent to M. Goldschmidt, London, England. Water circulation thermostat. 2,177,980; Oct. 31.
Gauld, James C., New Brunswick, N. J. Overload release clutch. 2,182,627; Dec. 5.
Gauly, Edward, Cleveland, Ohio. Surgical instrument. 2,153,417; Apr. 4.
Gaum, Gilbert A., assignor to The Girdler Corporation, Louisville, Ky. Method and apparatus for making pipe bends and the like. 2,176,961; Oct. 24.
Gaus, George E., Washington, D. C., assignor to H. A. Wallace, Secretary of Agriculture of the United States of America, and his successors in office. Cotton condenser sampling device. 2,144,306; Jan. 17.
Gaus, George E., Washington, D. C., assignor to Henry A. Wallace, Secretary of Agriculture of the United States of America and his successors in office. Cotton sample selecting device. 2,166,811; July 18.
Gaus, George E., Washington, D. C., and C. A. Bennett, Stoneville, Miss., dedicated to the free use of the people of the United States. Apparatus for determining the moisture content of air pervading fibrous material. 2,151,404; Mar. 21.
Gaus, George E., Washington, D. C., and G. N. Franks, Leland, Miss., assignors to Henry A. Wallace, Secretary of Agriculture of the United States of America, and his successors in office. Cotton sampler apparatus. 2,156,893; May 2.
Gaus, George E., Washington, D. C., and V. L. Stedronsky, Leland, Miss., assignors to Henry A. Wallace, Secretary of Agriculture of the United States of America, and his successors in office. Cotton sampler for cotton condensers. 2,156,894; May 2.
Gaus, George E., Washington, D. C., and R. G. McWhirter, Stoneville, Miss., assignors to H. A. Wallace, Secretary of Agriculture of the United States of America, and his successors in office. Machine for sampling cotton. 2,173,071; Sept. 12.
Gausch, Anthony. (See Carreras, J., assignor, and Laborda.)
Gausch, John, et al. (See Carreras, J., assignor, and Laborda.)
Gausmann, Carl, assignor to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft, Dessau, Anhalt, Germany. Piston pump. 2,168,122; Aug. 1.
Gauss, Eugen, Pforzheim, Germany. Attaching hook for watch wristlets. 2,157,288; May 9.
Gauthey, Louis A., Glendale, assignor of one-half to C. Reder, Los Angeles, Calif. Rock bit. 2,160,852; June 6.
Gauthey, Louis A., Glendale, and W. C. Kuykendall, Huntington Park, Calif.; said Kuykendall assignor to said Gauthey. Well bit. 2,152,628; Apr. 4.
Gautier, Sidney F., New Orleans, La. Lunch container. 2,156,844; May 2.
Gautreau, Arthur G., Quincy, assignor to Andrews and Goodrich, Inc. Dorchester, Mass. Apparatus for and drying web material. 1,144,919; Jan. 24.
Gauvin, Amédeé J. (See Yoskowitz, S., and Gauvin.)
Gauvreau, Leon J., Astoria, N. Y. Pouring attachment for condensed milk. 2,176,256; Oct. 17.
Gavin, Edward M., Barksdale Field, La. Automatic fuel control system for vehicles. 2,146,729; Feb. 14.
Gavin, Edward M., Dayton, Ohio. Reserve fuel control system. 2,170,136; Aug. 22.
Gavin, Gordon P., Kohler, Wis. Flush tank and closet bowl connection. 2,167,354; July 25.
Gavin, Thomas A., et al., executors. (See Peirce, John R.)
Gaw-O'Hara Envelope Co. (See Babicz, George A., assignor.)
Gawan, Frank, assignor to The Denver Fire Clay Company, Denver, Colo. Controlling fluid supply. 2,181,422; Nov. 28.
Gawiler, John A., Toppenish, Wash. Pick-out shield for poultry. 2,147,291; Feb. 14.
Gay, Azel. (See Dummer, E. J., and Gay.)
Gay, Frank W., et al. (See Nelson, Emil A., assignor.)
Gay, Frazer W., Metuchen, N. J. Electric generator rotor. 2,167,355; July 25.
Gay, Joseph S., Buffalo, N. Y. Method of and templet punch for stamping flat sheet metalwork. 2,180,869; Nov. 21.
Gay, Margaret, Jackson Heights, N. Y. Supporting hook for garment hangers. 2,151,964; Mar. 28.
Gay, Norman H., Los Angeles, Calif. Ebullition-type cooler. 2,147,788; Feb. 21.
Gay, Norman H., Los Angeles, Calif. Continuous cycle heating and cooling system. 2,152,250; Mar. 28.
Gay, Norman H., Los Angeles, Calif. Air conditioning apparatus. 2,152,251; Mar. 28.
Gay, Norman N. (See Hampton, W. H., and Gay.)
Gayer, Frederick H., and C. E. Fawkes, Chicago, assignors to Continental Research Corporation, Chicago Heights, Ill. Separation of the constituents of organic mixtures containing both resin acids and fatty acids, particularly tall oil. 2,166,812; July 18.
Gaylor Container Corporation. (See Zinser, Irwin, assignor.)
Gaylor, Peter J. (See Wiezevich, Peter J.)
Gaylor, Peter J. (by change of name). (See Wiezevich, Peter J., assignor.)
Gaylor, Peter J. (See Wiezevich, P. J., and Rosen.)
Gaylor, Peter J., Staten Island, N. Y., assignor to Standard Oil Development Company. Higher alkyl hydroxyamines. 2,160,138; May 30.
Gaylord Brothers, Inc. (See Grant, Chester A., assignor.)
Gaylord Container Corporation. (See George, Walter C., assignor.)
Gaylord Container Corporation. (See Williams, B. M. and Thompson, assignors.)
Gaylord Container Corporation. (See Zinser, Irwin, assignor.)
Gaylord, Thomas S., Rochester, N. Y. Welding. 2,170,019; Aug. 22.
Gaylord, William S., Jr., Summit, N. J. Transfer. 2,159,693; May 23.
Gaynor, Edwin G., Fairfield, Conn. Control system for refrigerators and the like. 2,177,480; Oct. 24.
Gazda, Anton, London, England. Sparking plug. 2,171,929; Sept. 5.
Gazette, Marshall E. (See Boothby, A. M., and Gazette.)
Gazey, William J., assignor to Chase Brass & Co., Incorporated, Waterbury, Conn. Producing waste-pipe fittings. 2,169,896; Aug. 15.
Gazey, William J., assignor to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Producing adapters. 2,176,993; Oct. 24.
Gear Grinding Company Limited, The. (See Orcutt, Arthur H., assignor.)
Gear Grinding Machine Company. (See Brady, Samuel G., assignor.)
Gear Grinding Machine Company. (See Ward, Frederick A., assignor.)
Gear, Raymond W., Plymouth, Ind. Luminous and radioactive compound. 2,178,961; Nov. 7.
Gearench Manufacturing Company. (See Volpin, Alexander S., assignor.)
Gearin, Dewey C., San Francisco, Calif. Signal guard. 2,177,386; Oct. 24.
Gebauer, Charles L., assignor to The Gebauer Chemical Company, Cleveland, Ohio. Dispensing receptacle. 2,171,501; Aug. 29.
Gebauer, Charles L., assignor to The Gebauer Chemical Company, Cleveland, Ohio. Spray nozzle. 2,180,084; Nov. 14.
Gebauer Chemical Company, The. (See Gebauer, Charles L., assignor.)
Gebauer, Ferenc, assignor of one-half to "Danuvia" Ipari és Kereskedelmi R. T., Budapest, Hungary. Cartridge feed mechanism for firearms. 2,168,199; Aug. 1.
Gebauer-Fuelnegg, Erich, deceased, Gary, Ind. (by M. Gebauer-Fuelnegg, administratrix, Evanston, Ill.), and F. E. Williams, Gary, Ind., assignors to Marbon Corporation, Chicago, Ill. Halogen containing butadiene derivatives. 2,145,390; Jan. 31.
Gebauer-Fuelnegg, Erich, deceased, by M. Gebauer-Fuelnegg, Evanston, administratrix, E. W. Moffett, Chicago, Ill., and H. F. Irving, Gary, Ind., assignors to Marbon Corporation. Continuous process for reacting organic web materials with liquefied reagents. 2,147,739; Feb. 21.
Gebauer-Fuelnegg, Erich, deceased (by M. Gebauer-Fuelnegg, administratrix), Evanston, Ill., and E. W. Moffett, assignors, by mesne assignments, to Marbo Patents, Inc. Coated fibrous sheet. 2,156,755; May 2.
Gebauer-Fuelnegg, Marie, administratrix. (See Gebauer-Fuelnegg, E., and Moffett.)
Gebauer-Fuelnegg, Marie, administratrix. (See Gebauer-Fuelnegg, E., Moffett, and Irving.)
Gebauer-Fuelnegg, Marie, administratrix. (See Gebauer-Fuelnegg, E., and Williams.)
Gebauer, Paul W., Cleveland, assignor to American Anode Inc., Akron, Ohio. Catheter for bronchospirometry. 2,175,726; Oct. 10.
Gebert, Albert E., Wilmette, and F. C. Black, assignors to Advance Machine Company, Chicago, Ill. Coin detecting apparatus. 2,174,696; Oct. 3.
Gebert, Sever C., assignor to Fairbanks, Morse & Co., Chicago, Ill. Variable speed gear transmission. 2,167,748; Aug. 1.
Gebhardt, Hans, Munich, Germany. Acetylene gas producing plant. 2,148,935; Feb. 28.
Gebhart, Joseph, et al. (See Eichholz, August G., assignor.)
Gebruder Brehmer Maschinenfabrik. (See Klemm, Rudolf. assignor.)
Gebrüder Strasser. (See Strasser, Max, assignor.)
Gebs, Ernest C., New York, N. Y. Device for subdividing foodstuffs. 2,143,771; Jan. 10.
Gedde, Andrew A. (See Kenney, M. W., and Gedde.)
Geddes, John W., Watertown, assignor to H. K. Porter, Inc., Everett, Mass. Bolt lock. 2,181,301; Nov. 28.
Geddes, Norman B., assignor to Servel, Inc., New York, N. Y. Refrigerator latch. 2,172,467; Sept. 12.

Geddes, Ray L., Hammond, Ind., and E. W. Thiele, assignors to Standard Oil Company, Chicago, Ill. Bubble tower construction. 2,150,498; Mar. 14.
Geddings, Saint J., assignor of one-fourth to J. M. Goff, New Brookland, S. C. Loom. 2,150,059; Mar. 7.
Gedstad, Rudolph, Peoria, Ill., assignor to Caterpillar Tractor Co., San Leandro, Calif. Road machine. 2,148,809; Feb. 28.
Gee, Norman E., Altoona, Pa. Flexible drive. 2,145,542; Jan. 31.
Gee, Norman E., Altoona, Pa. Flexible drive. 2,182,803; Dec. 12.
Gee, Norman E., Narberth, Pa. Flexible drive. 2,182,942; Dec. 12.
Gee, William P., Plainfield, N. J., assignor to The Texas Company, New York, N. Y. Dewaxing hydrocarbon oil. 2,166,891; July 18.
Gee, William P., Plainfield, N. J., and M. Neuhaus, Fishkill, assignors to The Texas Company, New York, N. Y. Solvent refining of oil. 2,161,567; June 6.
Geer, Charles D., and J. L. Biach, New Haven, Conn., assignors to The Engineering & Research Corporation. Traffic responsive device. 2,173,089; Sept. 19.
Geer, Charles D., and J. L. Biach, New Haven, Conn., assignors to The Engineering & Research Corporation. Control. 2,173,105; Sept. 19.
Geer, Elton. (See Flask, J., and Geer.)
Geer, Paul L. (See Perrin, J. C., and Geer.)
Geer, Paul L., Berkeley, Calif. Vending machine. 2,156,531; May 2.
Geers, Cyrus A., F. B., and W. A., Collinsville, Ill. Splash guard. 2,181,807; Nov. 28.
Geers, Ferguson B. (See Geers, Cyrus A., F. B., and W. A.)
Geers, William A. (See Geers, Cyrus A., F. B., and W. A.)
Geertz, Eric, Aurora, Ill., assignor to Cardox Corporation. Fire extinguishing. 2,143,311; Jan. 10.
Geertz, Eric, Aurora, and J. E. Taylor, Elgin, assignors to Cardox Corporation, Chicago, Ill. Method and apparatus for producing, transporting, storing, and/or handling liquid carbon dioxide. 2,180,231; Nov. 14.
Geffcken, Heinrich. (See Honnef, H., and Geffcken.)
Geffcken, Heinrich, Berlin-Charlottenburg, Germany. Wind operated power generator. 2,144,719; Jan. 24.
Geffcken, Heinrich, and H. Richter, Leipzig, Germany, assignors to Radio Patents Corporation, New York, N. Y. Photoelectric apparatus. 2,147,156; Feb. 14.
Geffcken, Heinrich, and H. Richter, Leipzig, Germany, assignors to Radio Patents Corporation, New York, N. Y. Illumination switch. 2,155,224; Apr. 18.
Geffcken, Heinrich H., Berlin, and H. R. Richter, Leipzig, Germany. Photoelectric tube. 2,161,859; June 13.
Geffken, Otto C. (See Vandercock, D. D., and Geffken.)
Geffner, Irving, Los Angeles, Calif. Device for preventing distortion of meat carcasses. 2,146,815; Feb. 14.
Geffner, Samuel H., Brooklyn, N. Y. Beverage brewing device. 2,147,646; Feb. 21.
Geffon, Abraham, Brooklyn, N. Y. Housing with telescopic beams. 2,172,840; Sept. 12.
Gehl, John, Denmark, Wis. Snow-removing device. 2,168,866; Aug. 8.
Gehman, Samuel D., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Protection of milk bottles, etc. 2,144,592; Jan. 17.
Gehnrich, Charles L., Elmhurst, N. Y. Locking device. 2,180,516; Nov. 21.
Gehr, John R., assignor to L. J. Eppinger, Detroit, Mich. Floating gear mounting. 2,163,030; June 20.
Gehrand, Clarence E., and C. H. Larson, Elkhart, Ind., assignors to The Adlake Company. Mercury switch. 2,143,002; Jan. 10.
Gehrcke, Ernst, Berlin-Lichterfelde, Germany. Apparatus and method for improving the air. 2,147,435; Feb. 14.
Gehres, Hewitt A., assignor to Cooper-Bessemer Corporation, Mount Vernon, Ohio. Internal combustion engine. 2,166,930; July 25.
Gehret, Edward F., Jersey Shore, assignor to Aviation Manufacturing Corporation, Williamsport, Pa. Manufacture of propeller blades. 2,181,269; Nov. 28.
Gehrke, Max. (See Schwenk, E., Hildebrandt, and Gehrke.)
Geib, Robert U., Jr., Pittsburgh, Pa. Metallic girder. 2,157,233; May 9.
Geibig, Frank C., Westfield, and W. J. Jacobsson, Elizabeth, N. J., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Flame machining nozzle. 2,148,936; Feb. 28.
Geier, Hermann. (See Jochum, K., Geier, and Pauser.)
Geier, James, Troy, N. Y., assignor, by mesne assignments, to McGraw Electric Company, Chicago, Ill. Electric timer for toasters. 2,180,232; Nov. 14.
Geier, P. A., Company, The. (See Martinet, Eugene F., assignor.)
Geier, P. A., Company, The. (See Martinet, E. F., and Kasper, assignors.)
Geiger, John P., et al. (See Smith, Merton J., assignor.)
Geiger, Martha P., Brooklyn, N. Y. Utility tying tray. 2,177,523; Oct. 24.
Geiger, Max. (See Urtel, R., Andrieu, and Geiger.)
Geiger, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Oscillator. 2,157,533; May 9.
Geiger, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Relaxation oscillation generator. 2,159,792; May 23.
Geiger, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Sawtooth wave generator. 2,168,403; Aug. 8.
Geiger, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Wave form modifying circuits. 2,178,340; Oct. 31.
Geiger, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Sawtooth wave generator. 2,182,555; Dec. 5.
Geiger, Russel C. (See Meeker, D. A., and Geiger.)
Geiger, Walter J., and A. T. Gaskill, Cleveland Heights, Ohio, assignors to General Electric Company. Electric lamp and making the same. 2,159,736; May 23.
Geigy, J. R., A. G. (See Conzetti, Achille, assignor.)
Geigy, J. R., A. G. (See Conzetti, A., and Oulevay.)
Geigy, J. R., A. G. (See Schafer, Josef, assignor.)
Geigy, J. R., A. G. (See Senn, Emil, assignor.)
Geigy, J. R., S. A. (See Becherer, F., Iselin, and Bindler.)
Geigy, J. R., S. A. (See Conzetti, Achille, assignor.)
Geigy, J. R., S. A. (See De Meuron, Guy, assignor.)
Geigy, J. R., S. A. (See Dobler, F., and Buess, assignors.)
Geigy, J. R., S. A. (See Engel, Kurt, assignor.)
Geigy, J. R., S. A. (See Krebster, Adolf, assignor.)
Geigy, J. R., S. A. (See Mettler, Carl, assignor.)
Geir, Joseph H., Milwaukee, Wis. Revolving spray booth and drier. 2,167,567; July 25.
Geirnaert, René L. R. R., Brussels, Belgium. Machine for composing lithographic prints. 2,177,885; Oct. 31.
Geirnaert, René L. R. R., Brussels, Belgium. Mechanism for the advancement of the carriage of typewriters and the like. 2,178,037; Oct. 31.
Geise, Walter A., Flint, assignor to General Motors Corporation, Detroit, Mich. Water pump packing. 2,182,226; Dec. 5.
Geisel, Richard A., Philadelphia, Pa. Relief valve. 2,145,925; Feb. 7.
Geisel, Theodor S. (See Warren, R., and Geisel.)
Geiser, Malvina, St. Louis, Mo. Mechanical walking soldier with shooting gun. 2,167,042; July 25.
Geiser, Robert H., Waynesboro, Pa. Display apparatus. 2,173,329; Sept. 19.
Geisler, Ottmar, and H. Herrmann, assignors to Süddeutsche Apparate-Fabrik G. m. b. H., Nuremberg, Germany. Dry rectifier. 2,156,054; Apr. 25.
Geisler, Russell W., assignor to The J. L. Skuttle Co., Detroit, Mich. Humidifier. 2,171,691; Sept. 5.
Geisse, John H., Washington, D. C. Internal combustion engine. 2,180,674; Nov. 21.
Geissel, Leonard C., South Pasadena, Calif. Attachment for line casting machines. 2,180,410; Nov. 21.
Geissinger, Harry G., Cleveland, Ohio. Measurement and control of the flow of viscous fluids. 2,181,322; Nov. 28.
Geisslinger, Robert, and K. R. Greiner, Vienna, Austria. Internal combustion engine with adjustable pressure. 2,157,486; May 9.
Geitner, Alexander L., Rochester, N. Y. Rotary cutter. 2,173,780; Sept. 19.
Gelakoski, George B., Aurora, Ill. Air purifier. 2,176,174; Oct. 17.
Gelakoski, George B., Aurora, Ill. Gas meter reading scope. 2,181,453; Nov. 28.
Gelardin, Albert, New York, N. Y. Dry cell. 2,149,169; Feb. 28.
Gelardin, Albert, New York, N. Y. Advertising novelty. 2,166,864; July 18.
Gelardin, Albert, New York, N. Y. Flashlight. 2,171,304; Aug. 29.
Gelb, David, et al. (See Lewis, Howard B., assignor.)
Gelb, Joseph, New York, N. Y. Arc lamp. 2,171,027; Aug. 29.
Gelb, Joseph, New York, N. Y. Stand for supporting light projecting or light receiving units. 2,171,028; Aug. 29.
Gelb, Lawrence M. (See Siefert, O., and Pfennig, assignors.)
Gelb, Sadie, et al. (See Lewis, Howard B., assignor.)
Gelbaugh, William H., Tacoma, Wash. Piano bench music cabinet. 2,152,378; Mar. 28.
Gelder, Ralph H. (See Smith, R. R., Miller, and Gelder.)
Geldhof, Peter E., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Agitator for washing machines. 2,150,654; Mar. 14.
Geldhof, Peter E., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Apparatus for washing clothes. 2,173,715; Sept. 19.
Geldhof, Silver, Detroit, Mich. Pneumatic tool. 2,171,029; Aug. 29.
Gelfand, George, Wilkes-Barre, Pa. Pretzel stick package. 2,180,465; Nov. 21.
Gellendien, Walter. (See Eggert, J., and Gellendien.)
Geller, Isaac, Portland, Oreg. Key holder. 2,145,477; Jan. 31.
Geller, Leon W., Astoria, Long Island, assignor of one-half to N. J. Fonarow and one-half to E. J. Carter New York, N. Y. Adhesive tape. 2,156,335; May 2.
Geller, Roscoe G., Owego, assignor to Stakmore Co., Inc., New York, N. Y. Folding chair and aligner therefor. 2,174,224; Sept. 26.

Gellman, Israel C., Rock Island, Ill., assignor to Northwestern Steel and Wire Company. Wire fabric making machine. Re. 21,130; June 27.
Gel-Sten, Incorporated. (See Newgard, Ingwald M., assignor.)
Gemeny, Blaine B., assignor of one-third to E. D. Crammond, Washington, D. C. Controlled variable pitch propeller. 2,152,587; Mar. 28.
Gemex Company. (See Davis, Willard A., assignor.)
Gemex Company. (See Haeffner, Emil, assignor.)
Gemex Company. (See Roy, Wilfrid J., assignor.)
Genard, Joseph P., Fort Stevens, Oreg. Wrench. 2,162,708; June 20.
Gency, William, assignor to North and Judd Manufacturing Company, New Britain, Conn. Buckle. 2,166,466; July 18.
Geneff, Christo N., Sofia, Bulgaria. Manufacture of a 3-alkoxy-4-hydroxy-benzaldehyde. 2,154,979; Apr. 18.
Genci, Stanley J., Wyandotte, Mich. Bottle closure. 2,179,147; Nov. 7.
Genell, Nils, Gothenburg, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,177,588; Oct. 24.
General American Precooling Corporation. (See Killingstad, Ralph, assignor.)
General American Precooling Corporation. (See Stebbins, Harry Y., assignor.)
General Aniline Works. (See Heyna, H., and Jörg, assignors.)
General Aniline Works, Inc. (See Alt, W., and Krzikalla, assignors.)
General Aniline Works, Inc. (See Ballauf, Fritz, assignor.)
General Aniline Works, Inc. (See Bauer, Wilhelm, assignor.)
General Aniline Works, Inc. (See Baumann, F., and Schwechten, assignors.)
General Aniline Works, Inc. (See Berthold, E., and Mueller, assignors.)
General Aniline Works, Inc. (See Braun, W., and Koeberle, assignors.)
General Aniline Works, Inc. (See Brodersen, Karl, assignor.)
General Aniline Works, Inc. (See Broeg, W., and Morschel, assignors.)
General Aniline Works, Inc. (See Eckelmann, A., and Koch, assignors.)
General Aniline Works, Inc. (See Eckert, Wilhelm, assignor.)
General Aniline Works, Inc. (See Eckert, W., and Braunsdorf, assignors.)
General Aniline Works, Inc. (See Eckert, W., and Schilling, assignors.)
General Aniline Works, Inc. (See Eichholz, Willy, assignor.)
General Aniline Works, Inc. (See Fellmer, Ernst, assignor.)
General Aniline Works, Inc. (See Fellmer, E., Mauthe, and Noerr, assignors.)
General Aniline Works, Inc. (See Fischer, Ernst, assignor.)
General Aniline Works, Inc. (See Fischer, E., and Gmelin, assignors.)
General Aniline Works, Inc. (See Fischer, E., Gmelin, and Huss, assignors.)
General Aniline Works, Inc. (See Fischer, E., and Huss, assignors.)
General Aniline Works, Inc. (See Fischer, E., Huss, and Gmelin, assignors.)
General Aniline Works, Inc. (See Fischer, W., Gmelin, and Huss, assignors.)
General Aniline Works, Inc. (See Fisher, Erich, assignor.)
General Aniline Works, Inc. (See Fleischhauer, Richard, assignor.)
General Aniline Works, Inc. (See Greune, H., and Thiele, assignors.)
General Aniline Works, Inc. (See Hagge, W., and Haagen, assignors.)
General Aniline Works, Inc. (See Haller, Josef, assignor.)
General Aniline Works, Inc. (See Helberger, J. H., and Taube, assignors.)
General Aniline Works, Inc. (See Honold, E., and Schubert, assignors.)
General Aniline Works, Inc. (See Hopff, H., Eichel, and Diebold, assignors.)
General Aniline Works, Inc. (See Hopff, H., and Heymann, assignors.)
General Aniline Works, Inc. (See Huber, Eugen, assignor.)
General Aniline Works, Inc. (See Jellinek, Karl, assignor.)
General Aniline Works, Inc. (See Jochum, K., Geier, and Pauser, assignors.)
General Aniline Works, Inc. (See Keller, Ferdinand, assignor.)
General Aniline Works, Inc. (See Koeberle, Karl, assignor.)
General Aniline Works, Inc. (See Koeberle, K., Rohland, and Steigerwald, assignors.)
General Aniline Works, Inc. (See Kracker, H., and Schmid, assignors.)
General Aniline Works, Inc. (See Kracker, H., Scherer, Müller, and Schumacher, assignors.)
General Aniline Works, Inc. (See Kramer, Erwin, assignor.)
General Aniline Works, Inc. (See Kränzlein, G., Corell, and Popp, assignors.)
General Aniline Works, Inc. (See Kranzlein, G., and Schlichenmaier, assignors.)
General Aniline Works, Inc. (See Kränzlein, G., Schlichenmaier, and Meissner, assignors.)
General Aniline Works, Inc. (See Krause, A., and Zell, assignors.)
General Aniline Works, Inc. (See Krzikalla, H., and Alt, assignors.)
General Aniline Works, Inc. (See Krzikalla, H., and Limbacher, assignors.)
General Aniline Works, Inc. (See Krzikalla, H., Pardon, and Hess, assignors.)
General Aniline Works, Inc. (See Krzikalla, H., Ufer, Eistert, and Klaproth, assignors.)
General Aniline Works, Inc. (See Lange, Hans, assignor.)
General Aniline Works, Inc. (See Lange, M., and Jacobs, assignors.)
General Aniline Works, Inc. (See Lange, Werner, assignor.)
General Aniline Works, Inc. (See Laska, L., Zitscher, and Heil, assignors.)
General Aniline Works, Inc. (See Lesser, Rudolf, assignor.)
General Aniline Works, Inc. (See Manz, G., Zerweck, and Kunze, assignors.)
General Aniline Works, Inc. (See Meyer, Georg, assignor.)
General Aniline Works, Inc. (See Mieg, Walter, assignor.)
General Aniline Works, Inc. (See Mieg, W., Wieners, and Burneleit, assignors.)
General Aniline Works, Inc. (See Morschel, H., and Goll, assignors.)
General Aniline Works, Inc. (See Muehlbauer, Fritz, assignor.)
General Aniline Works, Inc. (See Muehlbauer, F., and Niemann, assignors.)
General Aniline Works, Inc. (See Müller, W., and Berres, assignors.)
General Aniline Works, Inc. (See Muth, Friedrich, assignor.)
General Aniline Works, Inc. (See Neresheimer, H., and Vilsmeier, assignors.)
General Aniline Works, Inc. (See Nieman, G., and Kollek, assignors.)
General Aniline Works, Inc. (See Nüsslein, J., Nicodemus, Schmidt, and Schacke, assignors.)
General Aniline Works, Inc. (See Paquin, Max, assignor.)
General Aniline Works, Inc. (See Platz, C., and Rosenbach, assignors.)
General Aniline Works, Inc. (See Rieche, A., and Rudolph, assignors.)
General Aniline Works, Inc. (See Robl, Rudolf, assignor.)
General Aniline Works, Inc. (See Roh, Nikolaus, assignor.)
General Aniline Works, Inc. (See Roh, N., Wolff, and Schäfer, assignors.)
General Aniline Works, Inc. (See Roos, Hans, assignor.)
General Aniline Works, Inc. (See Runne, E., and Berlin, assignors.)
General Aniline Works, Inc. (See Scherer, Otto, assignor.)
General Aniline Works, Inc. (See Schindhelm, Hans, assignor.)
General Aniline Works, Inc. (See Schindhelm, H., and Schultis, assignors.)
General Aniline Works, Inc. (See Schlack, Paul, assignor.)
General Aniline Works, Inc. (See Schlichenmaier, H., and Berlin, assignors.)
General Aniline Works, Inc. (See Schlichenmaier, H., Hoyer, and Berlin, assignors.)
General Aniline Works, Inc. (See Schlichting, Otto, assignor.)
General Aniline Works, Inc. (See Schlichting, O., and Koeberle, assignors.)
General Aniline Works, Inc. (See Schmelzer, A., and Stein, assignors.)
General Aniline Works, Inc. (See Schultis, C. T., and Korten, assignors.)
General Aniline Works, Inc. (See Schumacher, W., and Heimke, assignors.)
General Aniline Works, Inc. (See Schweitzer, Hugo, assignor.)
General Aniline Works, Inc. (See Schweitzer, H., Bayer, and Schrader, assignors.)
General Aniline Works, Inc. (See Suckfüll, Fritz, assignor.)
General Aniline Works, Inc. (See Taube, C., and Bayer, assignors.)
General Aniline Works, Inc. (See Thoma, E., and Seidenfaden, assignors.)
General Aniline Works, Inc. (See v. Bock, Bernd, assignor.)
General Aniline Works, Inc. (See Virck, Paul, assignor.)
General Aniline Works, Inc. (See Weinand, Claus, assignor.)
General Aniline Works, Inc. (See Winkeler, H., and Fischer, assignors.)

General Aniline Works, Inc. (See Winkeler, H., and Petz, assignors.)
General Aniline Works, Inc. (See Winter, C., and Roh, assignors.)
General Aniline Works, Inc. (See Winter, C., Roh, Wolff, and Schaefer, assignors.)
General Aniline Works, Inc. (See Wolff, P., and Werner, assignors.)
General Aniline Works, Inc. (See Wolff, P. H., Heim, Winter, and Bettag, assignors.)
General Aniline Works, Inc. (See Zahn, K., and Schimmelschmidt, assignors.)
General Aniline Works, Inc. (See Zerweck, W., and Brunner, assignors.)
General Aniline Works, Inc. (See Zerweck, W., and Gofferjé, assignors.)
General Aniline Works, Inc. (See Zerwek, W., and Heinrich, assignors.)
General Aniline Works, Inc. (See Zerweck, W., and Kunze, assignors.)
General Aniline Works, Inc. (See Zerweck, W., and Ritter, assignors.)
General Aniline Works, Inc. (See Zerweck, W., and Schwamberger, assignors.)
General Aniline Works, Inc. (See Zerweck, W., Heinrich, and Trösken, assignors.)
General Aniline Works, Inc. (See Zitscher, A., Schmitt, and Kracker, assignors.)
General Animated Signs, Limited. (See Best, John G., assignor.)
General Atlas Carbon Company. (See Friauf, G. F., and Perry, assignors.)
General Atlas Carbon Company. (See Heller, G. L., and Snow, assignors.)
General Auto Parts Corporation. (See Rockwell, Edward A., assignor.)
General Bronze Corporation. (See Peremi, E., and Kish, assignors.)
General Cable Corporation. (See Aken, James N., assignor.)
General Cable Corporation. (See Faucett, Irving T., assignor.)
General Cable Corporation. (See Fisher, Henry W., assignor.)
General Cable Corporation. (See Wyland, Harry C., assignor.)
General Ceramics Company. (See McDowell, Samuel J., assignor.)
General Chemical Company. (See Carter, Bernard M., assignor.)
General Chemical Company. (See Fowler, T. V., and Merriam, assignors.)
General Chemical Company. (See Scott, Garnett L., assignor.)
General Chemical Company. (See Merriam, Henry F., assignor.)
General Chemical Company. (See Merriam, H. F., and Cupit, assignors.)
General Chemical Company. (See Merriam, H. F., and Fowler, assignors.)
General Chemical Company. (See Sikorski, Edward A., assignor.)
General Chemical Company. (See Swaine, James W., assignor.)
General Chemical Company. (See Tuttle, John R., assignor.)
General Combustion Company. (See Blayney, Charles V., assignor.)
General Controls Company. (See Ray, William A., assignor.)
General Conveyors Corporation. (See Ruppenthal, Norman P., assignor.)
General Door Company. (See Greegor, Ralph H., assignor.)
General Door Corporation. (See Greegor, R. H., and Renick, assignors.)
General Door Company. (See Laufersweiler, William J., assignor.)
General Dyestuff Corporation. (See Lederle, Ekbert, assignor.)
General Dyestuff Corporation. (See Sweet, Harold A., assignor.)
General Electric Company. (See Abbott, Charles C., assignor.)
General Electric Company. (See Achenbach, W., and V. Tempelhoff, assignors.)
General Electric Company. (See Adams, J. Q., and Benford, assignors.)
General Electric Company. (See Agens, Maynard C., assignor.)
General Electric Company. (See Aigner, Viktor, assignor.)
General Electric Company. (See Aisch, J., and Asmussen, assignors.)
General Electric Company. (See Alexanderson, Ernest F. W., assignor.)
General Electric Company. (See Alexay, Adalbert, assignor.)
General Electric Company. (See Alterthum, H., and Lompe, assignors.)
General Electric Company. (See Alterthum, H., Lompe, and Wiegand, assignors.)
General Electric Company. (See Amsden, Ralph D., assignor.)

General Electric Company. (See Anderson, A. E., and Bany, assignor.)
General Electric Company. (See Anderson, Arvid E., assignor.)
General Electric Company. (See Anderson, Jasper E., assignor.)
General Electric Company. (See Anderson, R. G., Ahnell, and Goldsmith, assignors.)
General Electric Company. (See Anderson, Robert G., assignor.)
General Electric Company. (See Anderson, Warren D., assignor.)
General Electric Company. (See Andrews, Paul D., assignor.)
General Electric Company. (See Arey, Ralph G., assignor.)
General Electric Company. (See Arndt, F., Rausch, and Staffel, assignors.)
General Electric Company. (See Arnold, August, assignor.)
General Electric Company. (See Ashworth, John, assignor.)
General Electric Company. (See Atchison, L. W., and Fletcher, assignors.)
General Electric Company. (See Atwood, Winfield A., assignor.)
General Electric Compony. (See Atwood, W. A., and Rudolph, assignors.)
General Electric Company. (See Auerbach, Rudolf, assignor.)
General Electric Company. (See Auerbach, R., and Burmeister, assignors.)
General Electric Company. (See Auger, C. H., and Puffer, assignors.)
General Electric Company. (See Aydelott, John C., assignor.)
General Electric Company. (See Ayer, Raymond B., assignor.)
General Electric Company. (See Ayral, Jean B., assignor.)
General Electric Company. (See Bailey, Richard W., assignor.)
General Electric Company. (See Balnchowsky, Georges, assignor.)
General Electric Company. (See Bany, Herman, assignor.)
General Electric Company. (See Bariffi, Herbert F., assignor.)
General Electric Company. (See Bauerschmidt, Kuno, assignor.)
General Electric Company. (See Baumgartner, George R., assignor.)
General Electric Company. (See Beck, George A., assignor.)
General Electric Company. (See Beck, Harald, assignor.)
General Electric Company. (See Becker, Howard I., assignor.)
General Electric Company. (See Becker, Stewart, assignor.)
General Electric Company. (See Bedford, Burnice D., assignor.)
General Electric Company. (See Beeman, Donald L., assignor.)
General Electric Company. (See Beetlestone, A., and Waterton, assignors.)
General Electric Company. (See Beggs, James E., assignor.)
General Electric Company. (See Beggs, J. E., and Birchard, assignors.)
General Electric Company. (See Benander, G. B., and Schwabacher, assignors.)
General Electric Company. (See Bennett, Frank S., assignor.)
General Electric Company. (See Bennett, Ralph S., assignor.)
General Electric Company. (See Benton, K. H., and Work, assignors.)
General Electric Company. (See Bergman, Sven R., assignor.)
General Electric Company. (See Bergmans, J. van der Veen, and Vervest, assignors.)
General Electric Company. (See Berry, Theodore M., assignor.)
General Electric Company. (See Biermanns, Josef, assignor.)
General Electric Company. (See Biggs, Leonard R., assignor.)
General Electric Company. (See Billings, Ralph E., assignor.)
General Electric Company. (See Birchard, Wayne E., assignor.)
General Electric Company. (See Bixler, Harley H., assignor.)
General Electric Company. (See Black, Willy, assignor.)
General Electric Company. (See Blake, Harold D., assignor.)
General Electric Company. (See Blume, Louis F., assignor.)
General Electric Company. (See Blume, L. F., and Bewley, assignors.)
General Electric Company. (See Boggild, Axel, assignor.)
General Electric Company. (See Boggild, Axel V., assignor.)
General Electric Company. (See Bol, C., Jonas, and Lemmens, assignors.)

General Electric Company. (See Bold, Ralph E., assignor.)
General Electric Company. (See Bölte, Karl, assignor.)
General Electric Company. (See Boyer, Ralph V., assignor.)
General Electric Company. (See Brand, Frederick F., assignor.)
General Electric Company. (See Brann, Fritz, assignor.)
General Electric Company. (See Breadner, R. L., and Pearce, assignors.)
General Electric Company. (See Brophy, Gerald R., assignor.)
General Electric Company. (See Brown, C. A., and Craig, assignors.)
General Electric Company. (See Brown, C. A., and Hahn, assignors.)
General Electric Company. (See Brown, C. A., and Van Sickle, assignors.)
General Electric Company. (See Brown, George R., assignor.)
General Electric Company. (See Brüche, Ernst, assignor.)
General Electric Company. (See Brunke, Fritz, assignor.)
General Electric Company. (See Brunke, F., and Koch, assignors.)
General Electric Company. (See Buch, R., and Haemmerling, assignors.)
General Electric Company. (See Buell, Roy C., assignor.)
General Electric Company. (See Buell, R. C., Crary, Butler, and Concordia, assignors.)
General Electric Company. (See Burmeister, Hermann, assignor.)
General Electric Company. (See Butler, Henry E., assignor.)
General Electric Company. (See Butler, John W., assignor.)
General Electric Company. (See Cage, John M., assignor.)
General Electric Company. (See Cain, Basil S., assignor.)
General Electric Company. (See Cameron, D. G., and Sprenger, assignors.)
General Electric Company. (See Camilli, Guglielmo, assignor.)
General Electric Company. (See Campbell, James R., assignor.)
General Electric Company. (See Campbell, Wendell H., assignor.)
General Electric Company. (See Carlson, Frank E., assignor.)
General Electric Company. (See Cartun, P. O., and Pew, assignors.)
General Electric Company. (See Caughey, Reed J., assignor.)
General Electric Company. (See Ceader, Joseph D., assignor.)
General Electric Company. (See Chambers, Dudley E., assignor.)
General Electric Company. (See Champlin, Franklin J., assignor.)
General Electric Company. (See Chapman, Verni J., assignor.)
General Electric Company. (See Charlton, E. E., and Westendorp, assignors.)
General Electric Company. (See Chelius, Reinhard, assignor.)
General Electric Company. (See Clark, Frank M., assignor.)
General Electric Company. (See Clark, F. M., and Kutz, assignors.)
General Electric Company. (See Clark, F. M., and Ruscetta, assignors.)
General Electric Company. (See Clark, W. M., and Spencer, assignors.)
General Electric Company. (See Cockrell, William D., assignor.)
General Electric Company. (See Colbree, Chester R., assignor.)
General Electric Company. (See Cole, Fred H., assignor.)
General Electric Company. (See Concordia, Charles, assignor.)
General Electric Company. (See Cook, Leonard W., assignor.)
General Electric Company. (See Cooke, James W., assignor.)
General Electric Company. (See Coolidge, William D., assignor.)
General Electric Company. (See Coolidge, W. D., and Kearsley, assignors.)
General Electric Company. (See Cooper, La Mar S., assignor.)
General Electric Company. (See Cowhig, William T., assignor.)
General Electric Company. (See Crago, Harry R., assignor.)
General Electric Company. (See Craine, John R. T., assignor.)
General Electric Company. (See Crawford, Thomas G., assignor.)
General Electric Company. (See Currier, Philip M., assignor.)
General Electric Company. (See Dahl, O., and Dallmann, assignors.)
General Electric Company. (See Dahl, O., and Pawlek, assignors.)
General Electric Company. (See Daiber, Ernst, assignor.)
General Electric Company. (See Dalton, William, assignor.)
General Electric Company. (See Darley, William G., assignor.)
General Electric Company. (See Dawihl, W., Fritze, and Ruttenauer, assignors.)
General Electric Company. (See Dawihl, W., and Schröter, assignors.)
General Electric Company. (See Davies, Leonard J., assignor.)
General Electric Company. (See Day, Winterton, J., assignor.)
General Electric Company. (See de Jong, H., Bergmans, and Kortenray, assignors.)
General Electric Company. (See Delvaux, Jean L., assignor.)
General Electric Company. (See De Reamer, Frank C., assignor.)
General Electric Company. (See De Tar, Donald R., assignor.)
General Electric Company. (See Dickson, James T., assignor.)
General Electric Company. (See Diedrich, Günther, assignor.)
General Electric Company. (See Dobke, Günther, assignor.)
General Electric Company. (See Dome, Robert B., assignor.)
General Electric Company. (See Donovan, J. F., and Flaws, assignors.)
General Electric Company. (See Donovan, J. F., and Malloy, assignors.)
General Electric Company. (See Doran, John H., assignor.)
General Electric Company. (See Dorgelo, Eduard G., assignor.)
General Electric Company. (See Dorgelo, E. G., Elenbaas, and Lemmens, assignors.)
General Electric Company. (See Driftmeyer, Herbert L., assignor.)
General Electric Company. (See Dunham, George W., assignor.)
General Electric Company. (See Dunham, G. W., and Lautz, assignors.)
General Electric Company. (See Eaton, John, assignor.)
General Electric Company. (See Eby, E. D., and Aitchison, assignors.)
General Electric Company. (See Edwards, Martin A., assignor.)
General Electric Company. (See Edwards, M. A., and Bedford, assignors.)
General Electric Company. (See Elder, Thomas A., assignor.)
General Electric Company. (See Elder, T. A., and Gable, assignors.)
General Electric Company. (See Elenbaas, Willem, assignor.)
General Electric Company. (See Elenbaas, W., Gordelo, and Lemmens, assignors.)
General Electric Company. (See Elenbaas, W., Jones, and van Wyk, assignors.)
General Electric Company. (See Elmendorf, Duryea E., assignor.)
General Electric Company. (See Emery, William M., assignor.)
General Electric Company. (See Emmet, William L. R., assignor.)
General Electric Company. (See Ewest, Hans, assignor.)
General Electric Company. (See Ewest, H., Krefft, and Larché, assignors.)
General Electric Company. (See Ewing, Samuel C., assignor.)
General Electric Company. (See Fairbrother, Jack A. V., assignor.)
General Electric Company. (See Faus, Harold T., assignor.)
General Electric Company. (See Fichtner, Rudolf, assignor.)
General Electric Company. (See Fiedler, Edmond F., assignor.)
General Electric Company. (See Fiene, Marcus E., assignor.)
General Electric Company. (See Finlayson, Frank E., assignor.)
General Electric Company. (See Flaws, John, Jr., assignor.)
General Electric Company. (See Fleischer, Frank H., assignor.)
General Electric Company. (See Fletcher, James L., assignor.)
General Electric Company. (See Flindt, Albert O., assignor.)
General Electric Company. (See Flurscheim, Cedric H., assignor.)
General Electric Company. (See Folsom, Elwood E., assignor.)
General Electric Company. (See Folsom, Elwood E., Jr., assignor.)
General Electric Company. (See Fonda, Gorton R., assignor.)
General Electric Company. (See Ford, John B., assignor.)

General Electric Company. (See Foulds, John P., assignor.)
General Electric Company. (See Foulke, Ted E., assignor.)
General Electric Company. (See Francis, Victor J., assignor.)
General Electric Company. (See Francis, V. J., and Ryde, assignors.)
General Electric Company. (See Frank, Edward J., assignor.)
General Electric Company. (See Frech, Theodore W., assignor.)
General Electric Company. (See Frech, T. W., Howard, and Scott, assignors.)
General Electric Company. (See Friederich, Ernst, assignor.)
General Electric Company. (See Friederich, E., and Meyer, assignors.)
General Electric Company. (See Fröhmer, Claus, assignor.)
General Electric Company. (See Fuoss, Raymond M., assignor.)
General Electric Company. (See Fyler, George W., assignor.)
General Electric Company. (See Gaidies, G., Krefft, and Kummer, assignors.
Geneal Electric Company. (See Geiger, W. J., and Gaskin, assignors.)
General Electric Company. (See Genschmer, Kurt, assignor.)
General Electric Company. (See Gibson, Hal, assignor.)
General Electric Company. (See Giegerich, Bertrand V., assignor.)
General Electric Company. (See Gieseler, Martin, assignor.)
General Electric Company. (See Gilbert, Ralph A., assignor.)
General Electric Company. (See Glowatzki, Ernst, assignor.)
General Electric Company. (See Gordon, Newell T., assignor.)
General Electric Company. (See Gowans, Floyd D., assignor.)
General Electric Company. (See Granfield, John C., assignor.)
General Electric Company. (See Greentree, Charles D., assignor.)
General Electric Company. (See Greer, Lanier, assignor.)
General Electric Company. (See Griffith, Rolland C., assignor.)
General Electric Company. (See Groot, Robert W., assignor.)
General Electric Company. (See Grosse, Vitaly, assignor.)
General Electric Company. (See Grunschneder, Johann, assignor.)
General Electric Company, et al. (See (Grupe, H. L., and Moran, assignors), and Robertson.)
General Electric Company. (See Günther, Wolfgang, assignor.)
General Electric Company. (See Gustaveson, David W., assignor.)
General Electric Company. (See Hagen, W., and Thouret, assignors.)
General Electric Company. (See Hagen, W., Thouret, and Kern, assignors.)
General Electric Company. (See Hahn, C. E., and Shebel, assignors.)
General Electric Company. (See Hahn, William C., assignor.)
General Electric Company. (See Halberg, Maynord N., assignor.)
General Electric Company. (See Hall, Chester I., assignor.)
General Electric Company. (See Hall, C. I., and Hathaway, assignors.)
General Electric Company. (See Hall, Clarence B., assignor.)
General Electric Company. (See Hall, Ralph W., assignor.)
General Electric Company. (See Hall, R. W., and Smith, assignors.)
General Electric Company. (See Hall, William D., assignor.)
General Electric Company. (See Hänlein, W., Hagen, and Krefft, assignors.)
General Electric Company. (See Hanna, Max R., assignor.)
General Electric Company. (See Harlow, Winton G., assignor.)
General Electric Company. (See Harrison, Ward, assignor.)
General Electric Company. (See Hastings, H. C., and Usher, assignors.)
General Electric Company. (See Hathaway, Claude M., assignor.)
General Electric Company. (See Hays, David, assignor.)
General Electric Company. (See Hays, D., and Dunham, assignors.)
General Electric Company. (See Hehlgans, Friedrich W., assignor.)
General Electric Company. (See Helm, M., and Schöbel, assignors.)
General Electric Company. (See Hemphill, Lawrence F., assignor.)
General Electric Company. (See Hermann, Benjamin R., assignor.)
General Electric Company. (See Herskind, Carl C., assignor.)
General Electric Company. (See Heumann, Gerhart W., assignor.)
General Electric Company. (See Hill, Charles H., assignor.)
General Electric Company. (See Hoare, Stephen C., assignor.)
General Electric Company. (See Hobart, Garret A., 3d, assignor.)
General Electric Company. (See Hobart, Henry M., assignor.)
General Electric Company. (See Hobson, Leland S., assignor.)
General Electric Company. (See Hoffmann, Bruno, assignor.)
General Electric Company. (See Hoffmann, Daniel C., assignor.)
General Electric Company. (See Hogg, Francis M., assignor.)
General Electric Company. (See Holm-Hansen, Osmund, assignor.)
General Electric Company. (See Holst, Gilles, assignor.)
General Electric Company. (See Höpp, Wilhelm, assignor.)
General Electric Company. (See Horikoshi, Shinichiro, assignor.)
General Electric Company. (See Howard, E. A., and Scott, assignors.)
General Electric Company. (See Howe, Goodwin H., assignor.)
General Electric Company. (See Hubbard, A. B., and Stanton, assignors.)
General Electric Company. (See Hubel, Eugen, assignor.)
General Electric Company. (See Hull, Albert W., assignor.)
General Electric Company. (See Hull, A. W., and Burger, assignors.)
General Electric Company. (See Hull, John I., assignor.)
General Electric Company. (See Hutchings, John H., assignor.)
General Electric Company. (See Iden, Fred B., assignor.)
General Electric Company. (See Inman, George E., assignor.)
General Electric Company. (See Ishiwata, Kiichi, assignor.)
General Electric Company. (See Jacobsen, William E., assignor.)
General Electric Company. (See Jamieson, Harold, assignor.)
General Electric Company. (See Jancke, H., and Reger, assignors.)
General Electric Company. (See Jancke, H., and Rompe, assignors.)
General Electric Company. (See Janisch, Leopold, assignor.)
General Electric Company. (See Jenkins, H. G., Ryde, and Wilson, assignors.)
General Electric Company. (See Jensen, Richard C., assignor.)
General Electric Company. (See Jewell, Richard G., assignor.)
General Electric Company. (See Johnson, Wilfrid E., assignor.)
General Electric Company. (See Johnston, Arthur J., assignor.)
General Electric Company. (See Jones, Benjamin W., assignor.)
General Electric Company. (See Jones, Leonard, assignor.)
General Electric Company. (See Jump, George H., assignor.)
General Electric Company. (See Kaimer, Fred R., assignor.)
General Electric Company. (See Kearsley, William K., assignor.)
General Electric Company. (See Keller, George V., Jr., assignor.)
General Electric Company. (See Keller, Karl H., assignor.)
General Electric Company. (See Kelley, Floyd C., assignor.)
General Electric Company. (See Ketterson, Willis I., assignor.)
General Electric Company. (See Kettler, Clarence J., assignor.)
General Electric Company. (See Kimball, Donald G., assignor.)
General Electric Company. (See King, Robert A., assignor.)
General Electric Company. (See King, William J., assignor.)
General Electric Company. (See King, William R., assignor.)
General Electric Company. (See Kingdon, Kenneth H., assignor.)
General Electric Company. (See Kinnard, Isaac F., assignor.)
General Electric Company. (See Kirch, Ernst, assignor.)
General Electric Company. (See Kjolseth, Ole K., assignor.)

General Electric Company. (See Kliemann, Erich, assignor.)
General Electric Company. (See Kling, August J., assignor.)
General Electric Co. (See Kniepen, Peter, assignor.)
General Electric Company. (See Knight, James L., assignor.)
General Electric Company. (See Knight, Henry D., assignor.)
General Electric Company. (See Koller, L. R., and Johnson, assignors.)
General Electric Company. (See Korndörfer, Hubert, assignor.)
General Electric Company. (See Krämer, Werner, assignor.)
General Electric Company. (See Krebs, Ernst W., assignor.)
General Electric Company. (See Krefft, H., Hänlein and Wagner, assignors.)
General Electric Company. (See Krefft, H., and Larché, assignors.)
General Electric Company. (See Krefft, H., Larché, and Thomas, assignors.)
General Electric Company. (See Krejci, R. F., and Zabel, assignors.)
General Electric Company. (See Krines, Oskar, assignor.)
General Electric Company. (See Kuehni, Hans P., assignor.)
General Electric Company. (See Kuyper, William W., assignor.)
General Electric Company. (See Lair, Walter B., assignor.)
General Electric Company. (See Lange, Carl W., assignor.)
General Electric Company. (See Lange, Walter, assignor.)
General Electric Company. (See La Pierre, Cramer W., assignor.)
General Electric Company. (See Larrecq, Anthony J., assignor.)
General Electric Company. (See Latta, Isaac R., assignor.)
General Electric Company. (See Lauder, Arthur H., assignor.)
General Electric Company. (See Lauder, A. H., and Winter, assignors.)
General Electric Company. (See Leach, Edward A., assignor.)
General Electric Company. (See Leeds, Laurance M., assignor.)
General Electric Company. (See Lemmers, Eugene, assignor.)
General Electric Company. (See Lemmers, E., and Carpenter, assignors.)
General Electric Company. (See Lenz, K., and Woeckel, assignors.)
General Electric Company. (See Lenz, Walter, assignor.)
General Electric Company. (See Leopold, Otto, assignor.)
General Electric Company. (See Levine, Samuel J., assignor.)
General Electric Company. (See Levoy, Louis G., Jr., assignor.)
General Electric Company. (See Levoy, L. G., Jr., and Garman, assignors.)
General Electric Company. (See Lewis, John O., assignor.)
General Electric Company. (See Lewis, Walter W., assignor.)
General Electric Company. (See Libman, E. E., and Edwards, assignors.)
General Electric Company. (See Light, Philip H., assignor.)
General Electric Company. (See Lincks, George F., assignor.)
General Electric Company. (See Linde, Leonard J., assignor.)
General Electric Company. (See Lingg, Gustav, assignor.)
General Electric Company. (See Linn, Frank C., assignor.)
General Electric Company. (See Lloyd, Will L., Jr., assignor.)
General Electric Company. (See Lohausen, Karl A., assignor.)
General Electric Company. (See Lord, Harold W., assignor.)
General Electric Company. (See Lowe, William S. assignor.)
General Electric Company. (See Lunge, George S., assignor.)
General Electric Company. (See Maas, Arnold, assignor.)
General Electric Company. (See Macfarlane, George T., assignor.)
General Electric Company. (See Mackie, Richard S., assignor.)
General Electric Company. (See Macmillan, Campbell, assignor.)
General Electric Company. (See Malloy, John J., assignor.)
General Electric Company. (See Mandl, Arthur, assignor.)
General Electric Company. (See Manke, Arthur G., assignor.)
General Electric Company. (See Manning, Charles R., assignor.)
General Electric Company. (See Marsh, Myrle O., assignor.)
General Electric Company. (See Martin, Samuel, Jr., assignor.)
General Electric Company. (See Maser, Harold T., assignor.)
General Electric Company. (See Mason, Charles R., assignor.)
General Electric Company. (See Mason, Frank C., assignor.)
General Electric Company. (See Mathes, Günther, assignor.)
General Electric Company. (See Mathews, Paul, assignor.)
General Electric Company. (See Matusita, Yosio, assignor.)
General Electric Company. (See Mayer, Harry F., assignor.)
General Electric Company. (See McArthur, Elmer D., assignor.)
General Electric Company. (See McArthur, E. D., and Rowe, assignors.)
General Electric Company. (See McCarty, Orin P., assignor.)
General Electric Company. (See McConnell, Andrew J., assignor.)
General Electric Company. (See McCune, Francis K., assignor.)
General Electric Company. (See McEachron, Karl B., assignor.)
General Electric Company. (See McLenegan, David W., assignor.)
General Electric Company. (See McMahan, Kenton D., assignor.)
General Electric Company. (See McNeil, Roderick S., assignor.)
General Electric Company. (See Mead, Milton S., Jr., assignor.)
General Electric Company. (See Meeker, W. J., and Renftle, assignors.)
General Electric Company. (See Merriam, Ezra B., assignor.)
General Electric Company. (See Merrill, Frank W., assignor.)
General Electric Company. (See Meybauer, Gustav, assignor.)
General Electric Company. (See Meyer, F., Spanner, and Germer, assignors.)
General Electric Company. (See Meyer, Wilfried, assignor.)
General Electric Company. (See Meyer, W. R., and Dunleavey, assignors.)
General Electric Company. (See Meyers, George J., Jr., assignor.)
General Electric Company. (See Michaelis, Lothar, assignor.)
General Electric Company. (See Miles, Lawrence D., assignor.)
General Electric Company. (See Milner, Christoper J., assignor.)
General Electric Company. (See Miner, James H., assignor.)
General Electric Company. (See Minneci, Salvatore, assignor.)
General Electric Company. (See Mittag, Albert H., assignor.)
General Electric Company. (See Moles, Frank J., assignor.)
General Electric Company. (See Mooney, David A., assignor.)
General Electric Company. (See Moore, Abram J., assignor.)
General Electric Company. (See Morack, Marvin M., assignor.)
General Electric Company. (See Morey, Arthur H., assignor.)
General Electric Company. (See Morrill, Wayne J., assignor.)
General Electric Company. (See Morrill, W. J., and Pepper, assignors.)
General Electric Company. (See Morrill, W. J., and Schaefer, assignors.)
General Electric Company. (See Morrill, Weston, assignor.)
General Electric Company. (See Moss, Sanford A., assignor.)
General Electric Company. (See Mueller, Adolf G., assignor.)
General Electric Company. (See Müller, Gustav W., assignor.)
General Electric Comuany. (See Müller, G., and Weinmann, assignors.)
General Electric Company. (See Navias, Louis, assignor.)
General Electric Company. (See Newman, Delbert F., assignor.)
General Electric Company. (See Nickle, Clifford A., assignor.)
General Electric Company. (See Nickle, C. A., and Brophy, assignors.)
General Electric Company. (See Nowak, P., Tobis, and Hofmeier, assignors.)
General Electric Company. (See Nowal, Paul, assignor.)
General Electric Company. (See Oday, Arthur B., assignor.)

General Electric Company. (See Oesinghaus, Werner, assignor.)
General Electric Company. (See Olsson, Gosta E., assignor.)
General Electric Company. (See Ommundson, Harry, assignor.)
General Electric Company. (See Oswald, Marcel, assignor.)
General Electric Company. (See Otis, Albert N., assignor.)
General Electric Company. (See Owens, Joseph W., assignor.)
General Electric Company. (See Palmer, Harry L., assignor.)
General Electric Company. (See Patnode, Winton I., assignor.)
General Electric Company. (See Payne, John H., assignor.)
General Electric Company. (See Perrott, Laurence F., assignor.)
General Electric Company. (See Perry, Charles L., assignor.)
General Electric Company. (See Petermichl, Franz, assignor.)
General Electric Company. (See Petersen, Waldemar, assignor.)
General Electric Company. (See Peterson, Conrad S., assignor.)
General Electric Company. (See Pfaff, Theodor, assignor.)
General Electric Company. (See Phelps, Roscoe G., assignor.)
General Electric Company. (See Pike, Otis W., assignor.)
General Electric Company. (See Pipkin, M., and Worstell, assignors.)
General Electric Company. (See Pirani, M., and Wolff, assignors.)
General Electric Company. (See Powers, James H., assignor.)
General Electric Company. (See Prade, Karl, assignor.)
General Electric Company. (See Prince, David C., assignor.)
General Electric Company. (See Prince, D. C., and Bartlett, assignors.)
General Electric Company, The. (See Puckette, Charles C., assignor.)
General Electric Company. (See Puffer, Samuel R., assignor.)
General Electric Company. (See Pulfrich, Hans, assignor.)
General Electric Company. (See Pulfrich, H., and Magner, assignors.)
General Electric Company. (See Randall, Gordon E., assignor.)
General Electric Company. (See Randall, John T., assignor.)
General Electric Company. (See Rankin, William K., assignor.)
General Electric Company. (See Rankin, W. K., and Brossman.)
General Electric Company. (See Rapp, Nicolaus, assignor.)
General Electric Company. (See Rasmusson, Ernest J., assignor.)
General Electric Company. (See Reese, R., and Huttig, assignors.)
General Electric Company. (See Reger, M., and Freitag, assignors.)
General Electric Company. (See Rice, Chester W., assignor.)
General Electric Company. (See Rich, Theodore A., assignor.)
General Electric Company. (See Rich, T. A., and Gardner, assignors.)
General Electric Company. (See Rist, Hans.)
General Electric Company. (See Robinson, Ernest Y., assignor.)
General Electric Company. (See Robinson, Manuel G., assignor.)
General Electric Company. (See Robinson, Percy W., assignor.)
General Electric Company. (See Robinson, W. H., and Anderson, assignors.)
General Electric Company. (See Rompe, Robert, assignor.)
General Electric Company. (See Root, Charles S., assignor.)
General Electric Company. (See Roper, Val J., assignor.)
General Electric Company. (See Rosch, Arthur, assignor.)
General Electric Company. (See Rosenlöcher, Otto, assignor.)
General Electric Company. (See Rowe, Hobart E., assignor.)
General Electric Company. (See Rowell, Ralph M., assignor.)
General Electric Company. (See Rugg, Edward H., assignor.)
General Electric Company. (See Runaldue, Lewis R., assignor.)
General Electric Company. (See Rüttenauer, Alfred, assignor.)
General Electric Company. (See Ruttenauer, A., and Fritze, assignors.)
General Electric Company. (See Ryde, John W., assignor.)
General Electric Company. (See Sabbah, Camil A., assignor.)
General Electric Company. (See Sabbah, C. A., and Morton, assignors.)
General Electric Company. (See Sadacca, Henri, assignor.)
General Electric Company. (See Safford, Moyer M., assignor.)
General Electric Company. (See Sambleson, Robert F., assignor.)
General Electric Company. (See Savage, M. H., Spargo, and Schwartz, assignors.)
General Electric Company. (See Savage, Marion A., assignor.)
General Electric Company. (See Schaefer, Edward J., assignor.)
General Electric Company. (See Schiebeler, Karl, assignor.)
General Electric Company. (See Schmellenmeier, Heinz, assignor.)
General Electric Company. (See Schmer, Karl, assignor.)
General Electric Company. (See Schmer, K., and Troeger, assignors.)
General Electric Company. (See Schmidt, August, Jr., assignor.)
General Electric Company. (See Schmiedel, Hans J., assignor.)
General Electric Company. (See Schneider, Elbert D., assignor.)
General Electric Company. See Schuhmann, Hans, assignor.)
General Electric Company. (See Schulze, Richard, assignor.)
General Electric Company. (See Schwabacher, Gerhard P., assignor.)
General Electric Company. (See Schwartz, E. W., and Croasdale, assignors.)
General Electric Company. (See Schwartz, E. W., Savage, and Spargo, assignors.)
General Electric Company. (See Schwarzhaupt, Paul J., assignor.)
General Electric Company. (See Scott, Carl F., assignor.)
General Electric Company. (See Scott, Robert C., assignor.)
General Electric Company. (See Scott, William J., assignor.)
General Electric Company. (See Scott, W. J., and Cowhig, assignors.)
General Electric Company. (See Seeley, Harold T., assignor.)
General Electric Company. (See Seeman, Hugo J., assignor.)
General Electric Company. (See Shanklin, George B., assignor.)
General Electric Company. (See Sheppard, Raymond, assignor.)
General Electric Company. (See Sherburne, Arthur J., assignor.)
General Electric Company. (See Sherwen, Joseph W., assignor.)
General Electric Company. (See Shoults, David R., assignor.)
General Electric Company. (See Shoults, D. R., and Lord, assignors.)
General Electric Company. (See Sills, H. R., and Canning, assignors.)
General Electric Company. (See Simpson, W. P., and Stewart, assignors.)
General Electric Company. (See Sittel, Alfred, assignor.)
General Electric Company. (See Skeats, Wilfred F., assignor.)
General Electric Company. (See Skinner, Charles K., assignor.)
General Electric Company. (See Sledd, Marvin B., assignor.)
General Electric Company. (See Smith, Sidney R., assignor.)
General Electric Company. (See Smith, Sidney R., Jr., assignor.)
General Electric Company. (See Sobczak, W., and Thal, assignors.)
General Electric Company. (See Sohles, Leroy P., assignor.)
General Electric Company. (See Somerville, Gareth G., assignor.)
General Electric Company. (See Spooner, David C., Jr., assignor.)
General Electric Company. (See Sporn, P., and Muller, assignors.)
General Electric Company. (See Stäblein, W., Willheim and Uebermuth, assignors.)
General Electric Company. (See Stacy, John D., assignor.)
General Electric Company. (See Stack, Sydney S., assignor.)
General Electric Company. (See Steenstrup, Christian, assignor.)
General Electric Company. (See Stephens, Howard O., assignor.)
General Electric Company. (See Stephenson, Hugh M., assignor.)

General Electric Company. (See Stimson, Allen G., assignor.)
General Electric Company. (See Stone, Fred L., assignor.)
General Electric Company. (See Stubbs, Albert, assignor.)
General Electric Company. (See Stubbs, A., and Townend, assignors.)
General Electric Company. (See Suits, Chauncey G., assignor.)
General Electric Company. (See Sweet, Alva L., assignor.)
General Electric Company. (See Sykes, C., and Needham, assignors.)
General Electric Company. (See Sywert, Philip T., assignor.)
General Electric Company. (See Taylor, Robert B., assignor.)
General Electric Company. (See Teare, W. H., and Livingston, assignors.)
General Electric Company. (See Thacker, William J., assignor.)
General Electric Company. (See Thomas, Henry P., assignor.)
General Electric Company. (See Thompson, Harris A., assignor.)
General Electric Company. (See Thompson, Louis W., assignor.)
General Electric Company. (See Thoson, Harry L., assignor.)
General Electric Company. (See Thumim, Carl, assignor.)
General Electric Company. (See Tobis, Carlos, assignor.)
General Electric Company. (See Townsend, George R., assignor.)
General Electric Company. (See Travers, Fred H., assignor.)
General Electric Company. (See Treanor, Edward D., assignor.)
General Electric Company. (See Trekell, Harold E., assignor.)
General Electric Company. (See Trencham, Henry, assignor.)
General Electric Company. (See Tritle, John F., assignor.)
General Electric Company. (See Tröger, Richard, assignor.)
General Electric Company. (See Trübenbach, Ernst, assignor.)
General Electric Company. (See Türk, J., and Brede, assignors.)
General Electric Company. (See Umansky, Leonid A., assignor.)
General Electric Company. (See Unwin, Kenneth J., assignor.)
General Electric Company. (See Uyterhoeven, Willem, assignor.)
General Electric Company. (See van Liempt, J. A. M., and Elenbaas, assignors.)
General Electric Company. (See Verse, Hansheinrich, assignor.)
General Electric Company. (See Vienneau, Jacob J., assignor.)
General Electric Company. (See Visscher, John S., assignor.)
General Electric Company. (See von Hoorn, Fred G., assignor.)
General Electric Company. (See von Wedel, Carl J. R. H., assignor.)
General Electric Company. (See Walker, C. H., and Sykes, assignors.)
General Electric Company. (See Walker, Warren R., assignor.)
General Electric Company. (See Wardwell, George W., Jr., assignor.)
General Electric Company. (See Warneke, Roman C., assignor.)
General Electric Company. (See Warner, Donald F., assignor.)
General Electric Company. (See Warren, Glenn B., assignor.)
General Electric Company. (See Warner, Russell A., assignor.)
General Electric Company. (See Warren, Glenn B., assignor.)
General Electric Company. (See Watts, Donald E., assignor.)
General Electric Company. (See Watts, Noble H., assignor.)
General Electric Company. (See Wechsung, Hans, assignor.)
General Electric Company. (See Weiler, Charles N., assignor.)
General Electric Company. (See Welch, Alfred F., assignor.)
General Electric Company. (See Welle, Otto, assignor.)
General Electric Company. (See West, Harry R., assignor.)
General Electric Company. (See Westendorp, Willem F., assignor.)
General Electric Company. (See Whitaker, Frank P., assignor.)
General Electric Company. (See White, A. J., and Johnson, assignors.)
General Electric Company. (See Whiting, M. A., and McLenegan, assignors.)
General Electric Company. (See Whyman, Frank, assignor.)
General Electric Company. (See Wiegand, Kurt, assignor.)
General Electric Company. (See Wilfart, Maurice, assignor.)
General Electric Company. (See Williams, G. A., and Brecknock, assignors.)
General Electric Company. (See Willis, Clodius H., assignor.)
General Electric Company. (See Winter, Fred H., assignor.)
General Electric Company. (See Wood, Alexander P., assignor.)
General Electric Company. (See Wood, Orla L., assignor.)
General Electric Company. (See Worstell, Robert E., assignor.)
General Electric Company. (See Wright, Daniel K., assignor.)
General Electric Company. (See Wünsche, Otto, assignor.)
General Electric Company. (See Wyman, LeRoy L., assignor.)
General Electric Company. (See Young, William R., assignor.)
General Electric Company. (See Zabel, William P., assignor.)
General Electric Company. (See Zecher, Gustav, assignor.)
General Electric Company. (See Zickrick, Lyall, assignor.)
General Electric Company. (See Zurcher, Ernest, assignor.)
General Electric Company Limited, The. (See Johnson, William A., assignor.)
General Electric Company Limited, The. (See Kahl, Arthur R., assignor.)
General Electric Company Limited, The. (See Macfarlane, George T., assignor.)
General Electric Company Limited, The. (See Rose, William R., assignor.)
General Electric Company Limited, The. (See Smithells, Colin J., assignor.)
General Electric Company Limited, The. (See Turner, H. C., and Nuttall, assignors.)
General Electric Vapor Lamp Company. (See Johnson, Lyman B., assignor.)
General Electric Vapor Lamp Company. (See Kelting, Richard C., assignor.)
General Electric X-ray Corporation. (See Gross, M. J., and Atlee, assignors.)
General Electric X-Ray Corporation. (See Page, Everett W., assignor.)
General Electronics Corporation. (See Clark, Dudley B., assignor.)
General Fire Extinguisher Company. (See Loepsinger, Albert J., assignor.)
General Fire Extinguisher Company. (See Loepsinger, A. J., and Rose, assignors.)
General Fire Extinguisher Company. (See Williams, James H., assignor.)
General Fireproofing Company, The. (See Brainard, George C.., assignor.)
General Fireproofing Company, The. (See Gibson, G. R., and Wolters, assignors.)
General Foods Corporation. (See Ferguson, Llewellyn R., assignor.)
General Foods Corporation. (See Stagmeier, Arthur F., assignor.)
General Fuel Briquette Corporation. (See Zwoyer, E. B. A., and Stillman, assignors.)
General Heating Equipment Company. (See Thornton, Bertrand P., assignor.)
General Household Utilities Company. (See Constantine, Arthur R., assignor.)
General Household Utilities Company. (See Jordan, J. D., Ellis, and Preston, assignors.)
General Household Utilities Company. (See Kenney, Mahlon W., assignor.)
General Household Utilities Company. (See Preston, C. W., Ellis, and Jordan, assignors.)
General Houses, Inc. (See Fisher, Howard T., assignor.)
General Industries Company, The. (See Borchers, Alwin C., assignor.)
General Industries Company, The. (See Lannerd, Paul U., assignor.)
General Luminescent Corporation. (See Norgard, Wyman D., assignor.)
General Manganese Corporation. (See Sweet, A. T., and MacCarthy, assignors.)
General Manifold & Printing Co. (See Lewis, Edward Z., assignor.)
General Metalware Company. (See Damkroger, Harold A., assignor.)
General Mills, Inc. (See Carlson, Walter A., assignor.)
General Mills, Inc. (See Colatz, Ferdinand A., assignor.)
General Mills, Inc. (See Graben, Clifford B., assignor.)
General Mills, Inc. (See Miller, Sidney E., assignor.)
General Motors Corporation. (See Albinson, Harold H., assignor.)
General Motors Corporation. (See Anderson, J. A., and Hunt, assignors.)

General Motors Corporation. (See Appel, Walter D., assignor.)
General Motors Corporation. (See Arthur, James L., assignor.)
General Motors Corporation. (See (Arthur, J. L., assignor), and Boller.)
General Motors Corporation. (See Babitch, Abraham M., assignor.)
General Motors Corporation. (See Bacon, Elbridge F., assignor.)
General Motors Corporation. (See Baker, John A., assignor.)
General Motors Corporation. (See Barr, H. F., and Ridgeway, assignors.)
General Motors Corporation. (See Beekman, E. W., Haubursin, and Ward, assignors.)
General Motors Corporation. (See Beiderman, Edward G., assignor.)
General Motors Corporation. (See Beringer, Roscoe, assignor.)
General Motors Corporation. (See Berry, George P., assignor.)
General Motors Corporation. (See Biederman, Edward G., assignor.)
General Motors Corporation. (See Blackmore, Lloyd, assignor.)
General Motors Corporation. (See Blake, G. C., and Smith, assignors.)
General Motors Corporation. (See Blomberg, Martin P., assignor.)
General Motors Corporation. (See Bluemle, A. A., and Lawson, assignors.)
General Motors Corporation. (See Boles, Chalmers B., assignor.)
General Motors Corporation. (See Booth, James H., assignor.)
General Motors Corporation. (See Bouvy, C. H., and Arnold, assignors.)
General Motors Corporation. (See Brecht, August F., assignor.)
General Motors Corporation. (See Brill, William E., assignor.)
General Motors Corporation. (See Brittain, Richard J., Jr., assignor.)
General Motors Corporation. (See Brooke, Arthur O., assignor.)
General Motors Corporation. (See Brouwer, Rodger D., assignor.)
General Motors Corporation. (See Brouwer, R. D., Delaval-Crow, and Cobb, assignors.)
General Motors Corporation. (See Brown, Benjamin G., assignor.)
General Motors Corporation. (See Brown, Bernard A., assignor.)
General Motors Corporation. (See Buttner, Horace J., assignor.)
General Motors Corporation. (See Candor, Robert R., assignor.)
General Motors Corporation. (See Candor, R. R., and Alexander, assignors.)
General Motors Corporation. (See Carlson, Wilbur L., assignor.)
General Motors Corporation. (See Charles, John P., assignor.)
General Motors Corporation. (See Chase, Theron P., assignor.)
General Motors Corporation. (See Chayne, Charles A., assignor.)
General Motors Corporation. (See Clark, Harry F., assignor.)
General Motors Corporation. (See Claytor, Edward M., assignor.)
General Motors Corporation. (See Clements, F. O., Terry and Henry, assignors.)
General Motors Corporation. (See Cole, Edward N., assignor.)
General Motors Corporation. (See Cole, E. N., and Arnold, assignors.)
General Motors Corporation. (See Cooper, Lonzo S., assignor.)
General Motors Corporation. (See Corbin, Douglas H., assignor.)
General Motors Corporation. (See Cotter, Bart, assignor.)
General Motors Corporation. (See Cox, John P., assignor.)
General Motors Corporation. (See Craig, John W., assignor.)
General Motors Corporation. (See Cramer, Raymond H., assignor.)
General Motors Corporation. (See Critchfield, R. M., and Lawson, assignors.)
General Motors Corporation. (See Critchfield, R. M., and White, assignors.)
General Motors Corporation. (See Daily, Robert A., assignor.)
General Motors Corporation. (See Dasher, Don E., assignor.)
General Motors Corporation. (See Davis, James H., assignor.)
General Motors Corporation. (See Day, George W., assignor.)
General Motors Corporation. (See Dean, Roy H., assignor.)
General Motors Corporation. (See Delaval-Crow, Thomas C., assignor.)
General Motors Corporation. (See Delaval-Crow, T. C., and Glacy, assignors.)
General Motors Corporation. (See Dolza, J., and Gaubatz, assignors.)
General Motors Corporation. (See Durham, Rollie P., assignor.)
General Motors Corporation. (See Dyer, John B., assignor.)
General Motors Corporation. (See Edwards, William C., assignor.)
General Motors Corporation. (See Edwards, W. C., and Conwell, assignors.)
General Motors Corporation. (See Elsey, G. W., and Wittlinger, assignors.)
General Motors Corporation. (See Ericson, Anton F., assignor.)
General Motors Corporation. (See Ericson, A. F., and Anibal, assignors.)
General Motors Corporation. (See Eshbaugh, Jesse E., assignor.)
General Motors Corporation. (See Eshbaugh, J. E., and Walker, assignors.)
General Motors Corporation. (See Falge, Robert N., assignor.)
General Motors Corporation. (See Falge, R. N., and Onksen, assignors.)
General Motors Corporation. (See Fast, Marion L., assignor.)
General Motors Corporation. (See Feicht, Robert N., assignor.)
General Motors Corporation. (See Firner, William B., assignor.)
General Motors Corporation. (See Fitzsimmons, John T., assignor.)
General Motors Corporation. (See Fitzsimmons, J. T., Hartzell, and Claytor, assignors.)
General Motors Corporation. (See Foster, William J., assignor.)
General Motors Corporation. (See Fowler, Robert E., assignor.)
General Motors Corporation. (See Fredrickson, Gustav, assignor.)
General Motors Corporation. (See Fuchs, Henry O., assignor.)
General Motors Corporation. (See Geise, Walter A., assignor.)
General Motors Corporation. (See Georgiev, Alexander M., assignor.)
General Motors Corporation. (See Georgiev, A. M., and Koehly, assignors.)
General Motors Corporation. (See Gerhardt, Carl W., assignor.)
General Motors Corporation. (See Gerstung, George W., assignor.)
General Motors Corporation. (See Geyer, Harvey D., assignor.)
General Motors Corporation. (See Gibbons, H. R., and Young, assignors.)
General Motors Corporation. (See Gibson, J. Lowell, assignor.)
General Motors Corporation. (See Gill, Edwin R., Sr., assignor.)
General Motors Corporation. (See Glacy, E. W., and Delaval-Crow, assignors.)
General Motors Corporation. (See Glover, Rexford C., assignor.)
General Motors Corporation. (See Goldstein, George, assignor.)
General Motors Corporation. (See Gould, Richard E., assignor.)
General Motors Corporation. (See Guild, Herbert C., assignor.)
General Motors Corporation. (See Harada, Henry H., assignor.)
General Motors Corporation. (See Hardiman, Frank M., assignor.)
General Motors Corporation. (See Hartzell, Herman L., assignor.)
General Motors Corporation. (See Hartzell, H. L., and Hittle, assignors.)
General Motors Corporation. (See Hazen, Ronald M., assignor.)
General Motors Corporation. (See Hazen, R. M., and McCrae, assignors.)
General Motors Corporation. (See Heath, Delos P., assignor.)
General Motors Corporation. (See Helgeby, Ralph O., assignor.)
General Motors Corporation. (See Henney, Charles F., assignor.)
General Motors Corporation. (See Herndon, Walter B., assignor.)
General Motors Corporation. (See Hills, Arthur W., assignor.)
General Motors Corporation. (See Hofferberth, G. F., and Teeter, assignors.)
General Motors Corporation. (See Holmes, Russell F., assignor.)
General Motors Corporation. (See Holmes, R. F., and Crabb, assignors.)
General Motors Corporation. (See Huber, Paul, assignor.)
General Motors Corporation. (See Hull, Harry B., assignor.)

General Motors Corporation. (See Hull, H. B., and McCormack, assignors.)
General Motors Corporation. (See Hunt, John H., assignor.)
General Motors Corporation. (See Hutchins, William H., assignor.)
General Motors Corporation. (See Iseler, Charles W., assignor.)
General Motors Corporation. (See Jacobs, James W., assignor.)
General Motors Corporation. (See Jominy, Walter E., assignor.)
General Motors Corporation. (See Jorgensen, Clarence H., assignor.)
General Motors Corporation. (See Jorolemon, Earl W., assignor.)
General Motors Corporation. (See Kamrath, Herbert G., assignor.)
General Motors Corporation. (See Karmazin, John, assignor.)
General Motors Corporation. (See Keel, K. O., and Fike, assignors.)
General Motors Corporation. (See Keighley, Lloyd M., assignor.)
General Motors Corporation. (See Keiper, Francis P., assignor.)
General Motors Corporation. (See Keller, Clarence J., assignor.)
General Motors Corporation. (See Kelley, Oliver K., assignor.)
General Motors Corporation. (See Kettering, Charles F., assignor.)
General Motors Corporation. (See Kettering, C. F., and Sittler, assignors.)
General Motors Corporation. (See Kindl, Carl H., assignor.)
General Motors Corporation. (See Koehring, R. P., and Hildabolt, assignors.)
General Motors Corporation. (See Koubek, John L., assignor.)
General Motors Corporation. (See Kucher, Andrew A., assignor.)
General Motors Corporation. (See Large, Samuel R., assignor.)
General Motors Corporation. (See Lawton, L. M., and Shutts, assignors.)
General Motors Corporation. (See Lemming, John C., assignor.)
General Motors Corporation. (See Lemming, J. C., and Davis, assignors.)
General Motors Corporation. (See Lignian, Jean A., assignor.)
General Motors Corporation. (See Lignian, J. A., and Koehring, assignors.)
General Motors Corporation. (See Little, John H., assignor.)
General Motors Corporation. (See Madlé, Alain, assignor.)
General Motors Corporation. (See Manning, William H., assignor.)
General Motors Corporation. (See Martin, Edward J., assignor.)
General Motors Corporation. (See Marvin, John T., assignor.)
General Motors Corporation. (See Mathews, Verner P., assignor.)
General Motors Corporation. (See McCall, Charles D., assignor.)
General Motors Corporation. (See McConkey, Montgomery W., assignor.)
General Motors Corporation. (See McCormack, Alex A., assignor.)
General Motors Corporation. (See McDougal, T. G., Fessler, and Barlett, assignors.)
General Motors Corporation. (See McDougal, T. G., Fessler, and Schwartzwalder, assignors.)
General Motors Corporation. (See McKinley, Charles W., assignor.)
General Motors Corporation. (See McKinley, C. W., Smith, and Dinsmore, assignors.)
General Motors Corporation. (See Mead, H. C., and Winkelmeyer, assignors.)
General Motors Corporation. (See Michel, Clarence A., assignor.)
General Motors Corporation. (See Michel, C. A., Winkelmeyer, and Mead, assignors.)
General Motors Corporation. (See Miner, James H., assignor.)
General Motors Corporation. (See Moore, Samuel A., assignor.)
General Motors Corporation. (See Mullen, Raymond F., assignor.)
General Motors Corporation. (See Murden, William T., assignor.)
General Motors Corporation. (See Newill, Edward B., assignor.)
General Motors Corporation. (See Newill, E. B., and McCormack, assignors.)
General Motors Corporation. (See Nyland, John A., assignor.)
General Motors Corporation. (See O'Connell, J. J., and Malone, assignors.)
General Motors Corporation. (See Olley, Maurice, assignor.)
General Motors Corporation. (See Olson, Oscar, assignor.)
General Motors Corporation. (See Oswald, John, assignor.)
General Motors Corporation. (See Parker, Guy E., assignor.)
General Motors Corporation. (See Parker, Leslie O., assignor.)
General Motors Corporation. (See Paulus, Charles L., assignor.)
General Motors Corporation. (See Pearce, George C., assignor.)
General Motors Corporation. (See Pearson, Frank C., assignor.)
General Motors Corporation. (See Perrine, Lester E., assignor.)
General Motors Corporation. (See Perrine, L. E., and Paulus, assignors.)
General Motors Corporation. (See Peters, Floyd H., assignor.)
General Motors Corporation. (See Phelps, A. W., and Kull, assignors.)
General Motors Corporation. (See Phillippi, D. M., and Wilson, assignors.)
General Motors Corporation. (See Pierce, E. R., and Hause, assignors.)
General Motors Corporation. (See Pierce, Frank R., assignor.)
General Motors Corporation. (See Pontis, W. G., and Kindl, assignors.)
General Motors Corporation. (See Poole, Lora E., assignor.)
General Motors Corporation. (See Poole, L. E., and Nichols, assignors.)
General Motors Corporation. (See Pretz, Philip H., assignor.)
General Motors Corporation. (See Rabezzana, Hector, assignor.)
General Motors Corporation. (See Randolph, D. W., and Mitchell, assignors.)
General Motors Corporation. (See Rasmussen, Olaf, assignor.)
General Motors Corporation. (See Rasmussen, O., and Hause, assignors.)
General Motors Corporation. (See Rasmussen, O., and Rike, assignors.)
General Motors Corporation. (See Reeves, Donald H., assignor.)
General Motors Corporation. (See Reifer, G. M., Procissi, and Lundene, assignors.)
General Motors Corporation. (See Reifer, G. M., and Shanahan, assignors.)
General Motors Corporation. (See Riedel, Walter W., assignor.)
General Motors Corporation. (See Rike, Richard C., assignor.)
General Motors Corporation. (See Rippingille, Edward V., assignor.)
General Motors Corporation. (See Rohr, Henry C., assignor.)
General Motors Corporation. (See Rossman, Edwin F., assignor.)
General Motors Corporation. (See Rossman, E. F., and Funston, assignors.)
General Motors Corporation. (See Sampson, Frederick W., assignor.)
General Motors Corporation. (See Saunders, Laurence P., assignor.)
General Motors Corporation. (See Saunders, L. P., and Emmons, assignors.)
General Motors Corporation. (See Schjolin, Eric O., assignor.)
General Motors Corporation. (See Schwarze, Bruce H., assignor.)
General Motors Corporation. (See Schweller, Edward F., assignor.)
General Motors Corporation. (See Schweller, Sylvester M., assignor.)
General Motors Corporation. (See Scott, Alva W., assignor.)
General Motors Corporation. (See Seaholm, Ernest W., assignor.)
General Motors Corporation. (See Shippy, Leo C., assignor.)
General Motors Corporation. (See Shutts, Leroy W., assignor.)
General Motors Corporation. (See Simpson, Emory G., assignor.)
General Motors Corporation. (See Sittler, E. C., and Gaugler, assignors.)
General Motors Corporation. (See Smith, Harry F., assignor.)
General Motors Corporation. (See Smith, H. F., and Waring, assignors.)
General Motors Corporation. (See Smith, Lucian B., assignor.)
General Motors Corporation. (See Smith, Nelson J., assignor.)
General Motors Corporation. (See Smith, Robert W., assignor.)
General Motors Corporation. (See Smith, Rolf M., assignor.)
General Motors Corporation. (See Snyder, G., and Lawson, assignors.)

General Motors Corporation. (See Spicacci, Attilio R., assignor.)
General Motors Corporation. (See Stanard, Charles H., assignor.)
General Motors Corporation. (See Stern, Marc, assignor.)
General Motors Corporation. (See Stickel, Carl A., assignor.)
General Motors Corporation. (See Stuart, J. K., Stacey, and Wylie, assignors.)
General Motors Corporation. (See Stuerzl, Henry C., assignor.)
General Motors Corporation. (See Sullivan, Raymond H., assignor.)
General Motors Corporation. (See Summers, Caleb E., assignor.)
General Motors Corporation. (See Swarthout, Stanley H., assignor.)
General Motors Corporation. (See Taylor, Fred D., assignor.)
General Motors Corporation. (See Teeter, Wilford H., assignor.)
General Motors Corporation. (See Tell, William J., assignor.)
General Motors Corporation. (See Tenney, P. L., and Cataline, assignors.)
General Motors Corporation. (See Terry, R. H., and Boegehold, assignors.)
General Motors Corporation. (See Thomson, Bernard, assignor.)
General Motors Corporation. (See Thompson, Earl A., assignor.)
General Motors Corporation. (See Thorne, Maurice A., assignor.)
General Motors Corporation. (See Troup, George M., assignor.)
General Motors Corporation. (See Truxell, Clyde W., Jr., assignor.)
General Motors Corporation. (See Turlay, Joseph D., assignor.)
General Motors Corporation. (See Tyler, J. M., and Van Degrift, assignors.)
General Motors Corporation. (See Underwood, Arthur F., assignor.)
General Motors Corporation. (See Van Voorhees, Harold E., assignor.)
General Motors Corporation. (See Waller, D. D., Smith, Randolph, and Helgeby, assignors.)
General Motors Corporation. (See Wallis, C. T., and Hutchins, assignors.)
General Motors Corporation. (See Waterbury, Ronald J., assignor.)
General Motors Corporation. (See Waterhouse, Charles L., Jr., assignor.)
General Motors Corporation. (See Webb, Hartwell W. assignor.)
General Motors Corporation. (See Webber, Malcolm F., assignor.)
General Motors Corporation. (See Werner, Calvin J., assignor.)
General Motors Corporation. (See White, J. A., and Mecorney, assignors.)
General Motors Corporation. (See Whitney, Myron F., assignor.)
General Motors Corporation. (See Wilkerson, Daniel C., assignor.)
General Motors Corporation. (See Williams, C. E., and Burnett, assignors.)
General Motors Corporation. (See Wilson, Ernest E., assignor.)
General Motors Corporation. (See Wolfram, William S., assignor.)
General Motors Corporation. (See Woodling, George V., assignor.)
General Motors Corporation. (See Yantis, Roy C., assignor.)
General Motors Corporation. (See Zink, George A., assignor.)
General Linen Supply & Laundry Co. (See Troy, Max, assignor.)
General Outdoor Advertising Company. (See Byrkett, H. E., and Dial, assignors.)
General Outdoor Advertising Co. (See Kraemer, Chester H., assignor.)
General Outdoor Advertising Company. (See Rosner, Max, assignor.)
General Paint Corporation. (See Morain, Clifford F., assignor.)
General Paper Products Corp. (See Pitt, Ralph T., assignor.)
General Plastics, Inc. (See Dent, H. M., and Norton, assignors.)
General Printed String Company. (See Mueller, Carl E., assignor.)
General Printing Ink Corporation. (See Horman, Harold A., assignor.)
General Printing Ink Corporation. (See Koppe, Alexander T., assignor.)
General Printing Ink Corporation. (See Misuraca, William N., assignor.)
General Radio Company. (See Scott, Hermon H., assignor.)
General Railway Signal Company. (See Benedict, Frank, assignor.)
General Railway Signal Company. (See Brixner, Frederick W., assignor.)

General Railway Signal Company. (See Brooks, H. D., and Roberts, assignors.)
General Railway Signal Company. (See De Long, Darrol F., assignor.)
General Railway Signal Company. (See Edwards, Donald V., assignor.)
General Railway Signal Company. (See Field, Oscar S., assignor.)
General Railway Signal Company. (See Hailes, William D., assignor.)
General Railway Signal Company. (See Hailes, W. D., and De Long, assignors.)
General Railway Signal Company. (See Howe, Winthrop K., assignor.)
General Railway Signal Company. (See Judge, Thomas J., assignor.)
General Railway Signal Company. (See Langdon, Andrew, assignor.)
General Railway Signal Company. (See Merkel, Joseph F., assignor.)
General Railway Signal Company. (See Murphy, Daniel J., assignor.)
General Railway Signal Company. (See Phinney, Robert M., assignor.)
General Railway Signal Company. (See Preston, Neil D., assignor.)
General Railway Signal Company. (See Preston, N. D., and Bishnell, assignors.)
General Railway Signal Company. (See Preston, N. D., and Field, assignors.)
General Railway Signal Company. (See Powell, Winfred T., assignor.)
General Railway Signal Company. (See Rees, Frank X., assignor.)
General Railway Signal Company. (See Reichard, Wade H., assignor.)
General Railway Signal Company. (See Vaughn, John I., assignor.)
General Railway Signal Company. (See Wells, Robert F., assignor.)
General Railway Signal Company. (See Whitehorn, Arthur R., assignor.)
General Railway Signal Company. (See Wight, Sedgwick N., assignor.)
General Refractories Company. (See Heuer, Russell P., assignor.)
General Refractories Company. (See Tracy, Jay B., assignor.)
General Refrigeration Corporation. (See Erbach, Fred R., assignor.)
General Refrigeration Corporation. (See Erbach, F. R., and Swart, assignors.)
General Refrigeration Corporation. (See Swart, Richard H., assignor.)
General Register Corporation. (See Helsel, Reubin H., assignor.)
General Scientific Corporation. (See Kaspar, Frank, assignor.)
General Seafoods Corporation. (See Lamere, J. J., and Perry, assignors.)
General Spring Company, The. (See Gaskins, Frank W., assignor.)
General Steel Castings Corporation. (See Pflager, Harry M., assignor.)
General Spring Corporation. (See Wood, Joseph K., assignor.)
General Steel Castings Corporation. (See Hallquist, Einar G., assignor.)
General Steel Castings Corporation. (See Hallquist, E. G., and Sheehan, assignors.)
General Steel Castings Corporation. (See Pagenkemper, Arthur H., assignor.)
General Talking Pictures Corporation. (See Tappan, Chester, assignor.)
General Thermostat Corporation. (See Reingruber, Frank and J., assignors.)
General Time Instruments Corporation. (See Morris, William J., assignor.)
General Time Instruments Corporation. (See Ostler, Ernest S., assignor.)
General Time Instruments Corporation. (See Richardson, Clyde S., assignor.)
General Tire & Rubber Company, The. (See Breth, W. J., and McCoy, assignors.)
General Tire & Rubber Company, The. (See Kraft, Herman T., assignor.)
General Tire & Rubber Company, The. (See Maranville, Harvey F., assignor.)
General Tire & Rubber Company, The. (See Schnedarek, Emil F., assignor.)
General Woodcraft Co. (See Mainieri, Anthony, assignor.)
Genesee Valley Trust Company, executor. (See West, Lewis S.)
Genest, Homer A., Danbury, Conn., assignor to United States Hat Machinery Corporation, New York, N. Y. Machine for shrinking hat bats. 2,183,238; Dec. 12.
Genest, Werner, Berlin-Steglitz, and H. Hartz, Berlin-Rudow, Germany; said Hartz assignor to said Genest. Vibration damper. 2,174,209; Sept. 26.
Genschmer, Kurt, Berlin-Bohnsdorf, Germany, assignor to General Electric Company. Recording instrument. 2,151,638: Mar. 21.
Genschow, Gustav & Co. Aktiengesellschaft. (See Vollmer, Heinrich, assignor.)

Gent, Edgar W., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Hand tool. 2,184,074; Dec. 19.
Gentele, Johan G. W., Stockholm, Sweden. Method of and apparatus for drying substances in vacuo. 2,156,845; May 2.
Genter, Albert H., Ross Township, Allegheny County, assignor to Duquesne Mine Supply Company, Pittsburgh, Pa. Current collector. 2,154,380; Apr. 11.
Genter, Theodore L., Oakland, assignor to Oliver United Filters Incorporated, San Francisco, Calif. Filter. 2,184,451; Dec. 26.
Gentilini, Augusto, Rome, Italy. Illuminated advertising apparatus with a scintillating effect. 2,170,368; Aug. 22.
Gentilli, Paolo, Trieste, Italy. Mechanical mixer. 2,172,704; Sept. 12.
Gentle, Alexander H., Spondon, near Derby, England, assignor to Celanese Corporation of America. Treatment of pile fabrics. 2,163,674; June 27.
Gentle, Alexander H., Spondon, near Derby, England, assignor to Celanese Corporation of America. Fabric finishing and like machines. 2,170,968; Aug. 29.
Gentry, Arthur E., Eldorado, Ill. Bushing remover. 2,176,626; Oct. 17.
Gentry, Walter A., assignor of five-twelfths to R. B. Shoop and one-sixth to H. Meckel, San Antonio, Tex. Vending machine. 2,183,808; Dec. 19.
Gentry, W. W. (See Rice, John W., assignor.)
Gentsch, Erich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Means to secure electric lines to a support. 2,161,860; June 13.
Gentzel, Perry H., Newton, Mass. Valve mechanism. 2,145,870; Feb. 7.
Geographia Limited. (See Thorpe, Percy H., assignor.)
Geophysical Research Corporation. (See Faust, Lawrence Y., assignor.)
Geophysical Research Corporation. (See Hawthorn, David G., assignor.)
Geophysical Research Corporation. (See Kendall, James M., assignor.)
Geophysical Research Corporation. (See Owen, John E., assignor.)
Geophysical Research Corporation. (See Weatherby, Benjamin B., assignor.)
Geophysical Service, Inc. (See Karcher, John C., assignor.)
George Automatic Train Control Company. (See George, Clayton B., assignor.)
George, Charles L., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Road material spreading machine. 2,159,554; May 23.
George, Clayton B., assignor to George Automatic Train Control Company, Seattle, Wash. Train control mechanism. 2,170,137; Aug. 22.
George, Douglas F., Shenfield Gardens, Hutton, England, assignor to Radio Corporation of America. Thermionic valve oscillator arrangement. 2,155,649; Apr. 25.
George, Douglas F., London, England, assignor to Radio Corporation of America. Radio and other high frequency telegraph transmitters. 2,184,382; Dec. 26.
George, Edwin S., Detroit, Mich. Lawn mower hitch. 2,145,440; Jan. 31.
George, Edwin S., Bloomfield Hills, and H. L. Blydenburgh, Highland Park, assignors to The Moto-Mower Company, Detroit, Mich. Lawn mower. 2,168,706; Aug. 8.
George, Edwin S., Bloomfield Hills, and W. A. Gibbons, Birmingham, assignors to The Moto-Mower Company, Detroit, Mich. Lawn mower. 2,176,175; Oct. 17.
George, Fred, Lakewood, Ohio, assignor to Interchemical Corporation, New York, N. Y. Gravure printing. 2,164,270; June 27.
George, George C., Seattle, Wash., assignor to J. R. Dodson, Portland, Oreg. Train brake control mechanism. 2,177,648; Oct. 31.
George, Harry F., Chicago, Ill. Antitheft device. 2,146,697; Feb. 7.
George, Harry O., Vestal, assignor to International Business Machines Corporation, New York, N. Y. Statistical card. 2,165,250; July 11.
George, Harry S., Massapequa, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Welding process. 2,147,367; Feb. 14.
George, Harry S., Massapequa, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Tubular structure embodying welded joint and making the same. 2,149,844; Mar. 7.
George, Harry S., Massapequa, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Blowpipe. 2,157,331; May 9.
George, Henry, III, Wilmington, Del., assignor to Takamine Ferment Company, New York, N. Y. Method and apparatus for testing the contents of the stomach and other body cavities. 2,168,867; Aug. 8.
George, James. (See Charles, R. W., George, and Spilios.)
George, Myrtle B., Erie, Pa. Jacket for tooth mountings. 2,146,064; Feb. 7.
George, Ralph W. (See Trevor, B., and George.)
George, Ralph W., Riverhead, N. Y., assignor to Radio Corporation of America. Transmission line. 2,158,496; May 16.
George, Roscoe H. (See Sprague, C. S., and George.)
George, Roscoe H., and H. J. Heim, West Lafayette, Ind., assignors to Radio Corporation of America. Amplifier system. 2,151,757; Mar. 28.
George, Roscoe H., H. J. Heim, and J. W. Hammond, West Lafayette, Ind., assignor to Radio Corporation of America. Power supply system. 2,157,534; May 9.
George, Roscoe H., West Lafayette, Ind., assignor to Radio Corporation of America. Oscillograph apparatus. 2,169,726; Aug. 15.
George, Roscoe H., West Lafayette, Ind., assignor to Radio Corporation of America. Screen material. 2,180,734; Nov. 21.
George, Simon C., Greensburg, and J. J. Weber; said J. J. Weber assignor to E. C. Weber, Pittsburgh, Pa. Safety device for hydraulic brake systems. Re. 21,223; Oct. 3.
George, Sydney W., Houston, Tex. Stove top construction. 2,177,824; Oct. 31.
George Valve Company, The. (See Sifkovitz, George, assignor.)
George, Walter C., assignor to Gaylord Container Corporation, St. Louis, Mo. Tape smoothing machine. 2,167,356; July 25.
George, Walter C., assignor to Gaylord Container Corporation, St. Louis, Mo. Taping machine. 2,167,357; July 25.
George, Willis C. (See Schumacher, J. H., and George.)
Georgetown Silk Company. (See Hill, E. G., and Seem, assignors.)
Georgi, Fritz, Dresden, Germany. Roofing tile. 2,149,521; Mar. 7.
Georgia Kaolin Company. (See Maloney, William T., assignor.)
Georgiev, Alexander, Dayton, Ohio, assignor to Aerovox Corporation. Electrode terminal construction. 2,158,363; May 16.
Georgiev, Alexander M., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Electrolyte. 2,155,086; Apr. 18.
Georgiev, Alexander M., and P. F. Koehly, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Condenser vent. 2,178,686; Nov. 7.
Gephart Manufacturing Company. (See Harsted, Harry H., assignor.)
Geraci, Pasquale A. (See Stancampiano, A. R., and Geraci.)
Gerard, Frank W. (See Jennings, C. S., and Gerard.)
Gerard, Frank W., De Witt, N. Y., and R. C. Collins, Newton Highlands, Mass., assignors to The Lamson Company, Syracuse, N. Y. Hydroextractor. 2,164,174; June 27.
Gerard, George A., Reading, assignor to Jiffy Manufacturing Company, Boston, Mass. Container. 2,148,454; Feb. 28.
Gerard, Roy H., Oakland, assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Timing device for control circuits. 2,178,890; Nov. 7.
Gerardy, Robert, Atchison, Kans. Folding steering wheel. 2,155,123; Apr. 18.
Gerb, William, Berlin, Germany. Apparatus for damping vibrations. 2,148,937; Feb. 28.
Gerber, Dale C., assignor to The Hoover Company, North Canton, Ohio. Ice tray. 2,181,582; Nov. 28.
Gerber, Dale C., assignor to The Hoover Company, North Canton, Ohio. Bag pressure indicator for suction cleaners. 2,184,421; Dec. 26.
Gerber, Isidor, and L. Brownstein, Brooklyn, N. Y.; said Brownstein assignor to said Gerber. Glove pressing and stretching machine. 2,148,403; Feb. 21.
Gerber, Isidor, Brooklyn, N. Y. Glove forming and pressing machine. 2,184,521; Dec. 26.
Gerber, Louis, Peoria, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Removal of chlorides from solutions of amino acids. 2,178,510; Oct. 31.
Gerber Products Company. (See Baker, Kenneth E., assignor.)
Gerdes, Hans, Wilhelmshaven, Germany. Semicoffer or ship caisson. 2,166,865; July 18.
Gerdin, Karl G. (See McCoy, J. J., and Gerdin.)
Gere, Harry L., Bayonne, N. J. Range or stove having burner chambers for oil burners. 2,150,681; Mar. 14.
Gerecke, Eduard, Berlin–Grunewald, assignor to Julius Pintsch Kommanditgesellschaft, Berlin, Germany. Vacuum discharge apparatus. 2,171,930; Sept. 5.
Gergely, John, Detroit, Mich. Lock. 2,146,951; Feb. 14.
Gerger, Jacob, Philadelphia, Pa. Water closet. 2,172,506; Sept. 12.
Gerhard, Ernst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Magnetron system for simultaneous transmission and reception. 2,159,478; May 23.
Gerhard, Ernst, and W. Ilberg, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Ultra short wave circuit. 2,153,181; Apr. 4.
Gerhard, Ernst, and H. Scharlau, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Reflector arrangement. 2,160,853; June 6.
Gerhard, Ernst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Modulating ultra short waves. 2,165,847; July 11.
Gerhard, Ernst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Object detecting system. 2,177,061; Oct. 24.

Gerhard, Ernst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Short wave reflector. 2,181,181; Nov. 28.
Gerhardt, Andrew H., assignor to Electric Household Utilities Corporation, Chicago, Ill. Hook for receptacle covers. 2,156,756; May. 2.
Gerhardt, Andrew H., and J. Whyte, assignors to Electric Household Utilities Corporation, Chicago, Ill. Underframe construction. 2,172,611; Sept. 12.
Gerhardt, Andrew H., assignor to Electric Household Utilities Corporation, Chicago, Ill. Portable ironing machine. 2,172,841; Sept. 12.
Gerhardt, William R., Martinsburg, W. Va. Periscope. 2,173,106; Sept. 19.
Gerhardt, Carl W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Hydraulic shock absorber valve. 2,184,184; Dec. 19.
Gerhart, Howard L., Philadelphia, Pa., and C. M. Hull, assignors to Standard Oil Company, Chicago, Ill. Olefin polymerization. 2,148,115; Feb. 21.
Gerhart, Howard L., Philadelphia, Pa., and M. H. Arveson, assignors to Standard Oil Company, Chicago, Ill. Olefin polymerization. 2,148,116; Feb. 21.
Gerhold, Charles M., deceased; L. H. Gerhold, executrix, assignor to L. H. Gerhold, New York, N. Y. Gas washing apparatus. 2,184,185; Dec. 19.
Gerhold, Clarence G., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,165,631; July 11.
Gerhold, Clarence G., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils and gases. 2,184,096; Dec. 19.
Gerhold, Louise H., executrix. (See Gerhold, Charles M., assignor.)
Geria, Andrew, Croton Falls, N. Y. Dispensing device. 2,176,736; Oct. 17.
Gericke, Paul H., H. H. v. Baumbach, and F. Berndt, Leuna, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Decomposition of substances containing tungsten sulphide. 2,157,332; May 9.
Gericke, Samuel D. (See Bustetter, M., and Gericke.)
Geringer, Nicholas D., Marcus, Iowa. Grass catcher for lawn mowers. 2,171,548; Sept. 5.
Gerken, Kurt, et al. (See Ohlrogge, Herbert E., assignor.)
Gerkey, William M., Joplin, Mo. Follower for card files. 2,163,319; June 20.
Gerlach, Erwin, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cutting bodies soluble in liquid. 2,144,370; Jan. 17.
Gerlach, Erwin, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Reflector microphone. 2,155,163; Apr. 18.
Gerlach, Erwin, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Grinding and polishing machine. 2,184,955; Dec. 26.
Gerlach, Manfred, Aken-on-the-Elbe, assignor to Junkers Flugzeug- und-Motorenwerke Aktiengesellschaft, Dessau, Germany. Internal combustion engine. 2,170,020; Aug. 22.
Gerlach, Norman H., trustee. (See Osborne, Bruce, assignor.)
Gerlofson, Carl H., assignor to Cushion-Aire Corporation, Chicago, Ill. Upholstery. 2,179,148; Nov. 7
Gerlough, Tillman D., Highland Park, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Fractionation of proteinaceous fluids. 2,161,861; June 13.
Germain, Albert, Haverhill, Mass. Plating machine. 2,182,943; Dec. 12.
German, Frank O., and E. W. Hartley, Waterbury, Conn. Game appliance and making. 2,166,950; July 25.
Germanson, Herbert M., Milwaukee, Wis. Insole. 2,162,468; June 13.
Germar, Ruthard. (See Böhringer, R., and Germar.)
Germe, Robert, Chicago, Ill. Cooler for photomechanical printing plates. 2,169,042; Aug. 8.
Germer, Edmund. (See Meyer, F., Spanner, and Germer.)
Germer, Edmund, Berlin-Wannsee, Germany. Electrical discharge device. 2,148,017; Feb. 21.
Germer, Edmund, assignor of eighty-seven per cent to U. W. Doering and H. J. Spanner, Berlin, Germany. Discharge device. 2,166,951; July 25.
Germond, Paul D., Bayonne, N. J. Hydraulic lift truck. 2,163,675; June 27.
Germonprez, John A., assignor to Evans Products Company, Detroit, Mich. Means and method for cooling vehicle bodies. 2,151,097; Mar. 21.
Germonprez, John A., Grosse Pointe Park, Mich., assignor to Fabreeka Products Company, Inc., Boston, Mass. Vibration absorption device. 2,179,469; Nov. 7.
Germ-Proof Cap, Inc. (See Curtin, Marion T., assignor.)
Gerndt, Robert E., Munising, Mich. Four-wheel brake equalizer. 2,155,042; Apr. 18.
Gernelle, Henry V. J., Reims, France. Grinding body for crusher tubes and similar apparatus. 2,143,732; Jan. 10.
Gerold, George E. (See Sjogren, O. W., and Gerold.)
Gerosa, Lawrence, and G. P. Wagner, Bronx, assignors to Speed-Dump, Inc., New York, N. Y. Transporting and dumping vehicle. 2,164,739; July 4.
Gerosa, Lawrence, and G. P. Wagner, Bronx, assignors to Speed-Dump, Inc., New York, N. Y. Transporting and dumping vehicle. 2,164,740; July 4.
Gerow, Estelle C., Norfolk, Va. Combination coat hanger and clothes support. 2,183,319; Dec. 12.
Gerow, Joshua R., and C. M. Francisco, Liberty, N. Y. Single cylinder assembly for gas systems. 2,179,886; Nov. 14.
Gerrard Company, The. (See Rowe, Martin L., assignor.)
Gerrard Industries Limited. (See Willcox, Thomas W. J., assignor.)
Gerrells, Maude J., San Antonio, Tex. Automatic dial illuminator. 2,147,944; Feb. 21.
Gerry, Dr. Carroll H. (See Sechrist, Paul A., assignor.)
Gersbach, Herbert A., Flushing, assignor to Perey Manufacturing Company, Inc., New York, N. Y. Turnstile. 2,144,718; Jan. 24.
Gersbach, Herbert A., Flushing, and D. R. Bacon, Craigsville, assignors to Perey Manufacturing Company, Inc., New York, N. Y. Turnstile. 2,170,192; Aug. 22.
Gersch, Adolph E., assignor to Stewart-Warner Corporation, Chicago, Ill. Tuning apparatus for radio receivers. 2,153,865; Apr. 11.
Gersman, Harvey M., New York, N. Y. External combustion engine. 2,182,430; Dec. 5.
Gerson, Kurt A., London, England. Oxygen liberating compositions. 2,160,542; May 30.
Gerst, Chris. (See Jaeger, G., and Gerst.)
Gerstung, George W., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Engine cooling system. 2,175,432; Oct. 10.
Gerth, Felix. (See Habann, E., and Gerth.)
Gerth, Felix, and E. Schulze-Herringen, assignors to O. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Common wave transmitter system. 2,173,902; Sept. 26.
Gerth, William H., New York, N. Y., assignor to Ostby and Barton Company. Display device. 2,144,968; Jan. 24.
Gertler, Irene, Beverly Hills, Calif. Spinning toy. 2,161,154; June 6.
Gertler, Samuel E., assignor of one-half to H. I. Stein, New York, N. Y. Glow lamp. 2,171,359; Aug. 29.
Gerull, Hans, Vienna, Austria. Welding and soldering. 2,174,628; Oct. 3.
Gesellschaft für Drahtlose Telegraphie m. b. H. (See Böhm, O., and Hofer, assignors.)
Gesellschaft für Linde's Eismaschinen A. G. (See Kopp, Julius, assignor.)
Gesellschaft für Linde's Eismaschinen A. G. (See Zerkowitz, Guido, assignor.)
Gesellschaft für Linde's Eismaschinen A.-G., et al. (See Schuftan, P., and Steinbacher, assignors.)
Gesellschaft zur Konstruktion und Verwertung Automatisch-Mechanischer Getriebe m. b. H. (See Kreis, Fritz, assignor.)
Gessler, Albert E., Ardsley-on-Hudson, and A. F. Guiteras, New York, N. Y., and C. F. Clarkson, Philadelphia, Pa., assignors to The Interchemical Corporation. Printing. 2,157,385; May 9.
Gessler, Frederick A. (See Scheel, C. F., and Gessler.)
Gessler, Harry C., Brooklyn, N. Y. Ice cream disher. 2,160,585; May 30.
Gessner, Ernst, Aktiengesellschaft. (See Reich, Erich, assignor.)
Getaz, James L., Maryville, Tenn. Yarn control means for circular knitting machines. 2,153,459; Apr. 4.
Getaz, James L., Maryville, Tenn. Radio transmission. 2,156,846; May 2.
Getaz, James L., Maryville, Tenn. Knitting machine. 2,161,250; June 6.
Getaz, James L., Maryville, Tenn. Plain knit ornamented fabric. 2,168,868; Aug. 8.
Getaz, James L., Maryville, Tenn. Knitting machine. 2,168,869; Aug. 8.
Getaz, James L., Maryville, Tenn., assignor to Interwoven Stocking Company, New Brunswick, N. J. Fabric take-up dvice for flat knitting machines. 2,169,140; Aug. 8.
Getaz, James L., Maryville, Tenn. Knitting. 2,171,236; Aug. 29.
Getaz, James L., Maryville, Tenn. Knitting fabric with elastic inlay and embroidery pattern. 2,171,445; Aug. 29.
Getaz, James L., and W. H. Gossage, Maryville, Tenn., assignors, by mesne assignments, to Scott & Williams, Incorporated, Laconia, N. H. Knitted fabric and making the same. 2,175,958; Oct. 10.
Getchell, Benjamin E., Plainville, Conn., and J. C. R. Stone, Belmont, Mass., assignors to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric pasteurizing apparatus. 2,164,009; June 27.
Getchell, Benjamin E., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric switch. 2,166,545; July 18.
Gethner, Louis. (See Panter, Irwin, assignor.)
Gettelman, Fredrick, Milwaukee, Wis. Roof. 2,150,217; Mar. 14.
Gettelman, Fredrick, Milwaukee, Wis. Metal barrel. 2,161,155; June 6.
Gettig, Joseph H., assignor to Clark Equipment Company, Buchanan, Mich. Forming axle housings. 2,145,046; Jan. 24.
Gettig, Joseph H., assignor to Clark Equipment Company, Buchanan, Mich. Tube chilling apparatus. 2,148,117; Feb. 21.
Gettig, Joseph H., and G. Spatta, assignors to Clark Equipment Company, Buchanan, Mich. Tube welding. 2,160,586; May 30.

Gettig, Joseph H., assignor to Clark Equipment Company, Buchanan, Mich. Roll forging machine. 2,165,543; July 11.
Gettys, William M., Greeley, Colo. Belt drive. 2,152,038; Mar. 28.
Getz, Benjamin E., et al. (See Getz, J. B., and Leader, assignors.)
Getz, John B., and J. H. Leader, assignors to said J. B. Getz and B. E. Getz, Morton, Ill. Machinery for making wire fencng. 2,155,186; Apr. 18.
Getz, William W., Morton, Ill. Wedge type gearless stoker drive. 2,142,815; Jan. 3.
Geuting, Anthony H., Philadelphia, Pa. Shoe. 2,149,139; Feb. 28.
Gevaert Photo-Product N. V. (See Verkinderen, Honoré, assignor.)
Gevaert Photo-Producten N. V. (See Schwarz, George, assignor.)
Gevaert Photo-Producten N. V. (See Verkinderen, Honoré, assignor.)
Gewecke, Fritz, Westeregeln, Magdeburg, assignor, by mesne assignments, to Alkaliwerke Westeregeln G. m. b. H., Westeregeln, Germany. Manufacture of alkali metal fluorides and hydroxides. 2,151,022; Mar. 21.
Gewerkschaft Auguste. (See Slatineanu, Eulampiu, assignor.)
Gewerkschaft Keramchemie-Beggarten et al. (See Bentz, E., and Jaenicke, assignors.)
Geyer, Fred W., Washington, D. C. Milk bottle top. 2,184,215; Dec. 19.
Geyer, George A., Richmond Hill, N. Y. Tube expander. 2,155,416; Apr. 25.
Geyer, George E., Bloomfield, N. J. Ball cock. 2,142,893; Jan. 3.
Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Ice tray. 2,143,108; Jan. 10.
Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Flexible metal freezing tray. 2,145,719; Jan. 31.
Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Steering wheel assembly. 2,166,290; July 18.
Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Ice tray. 2,168,200; Aug. 1.
Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Hydraulic brake. 2,175,433; Oct. 10.
Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Sealing strip for automobile windows. 2,184,186; Dec. 19.
Geyer, Harvey D., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Ice tray. 2,184,797; Dec. 26.
Geyer, William O., and H. A. Heyn, Bloomfield, N. J., said Heyn assignor to said Geyer. Chemical apparatus. 2,163,555; June 20.
Geyer, William O., and C. A. Weller, Bloomfield, N. J.; said Weller assignor to said Geyer. Chemical apparatus. 2,169,194; Aug. 8.
Geyger, Wilhelm. (See Lieneweg, F., and Geyger.)
Geyger, Wilhelm, Berlin-Schmargendorf, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Arrangement for measuring the losses in condenserlike objects. 2,149,256; Mar. 7.
Geyger, Wilhelm, Berlin-Schmargendorf, assignor to Simens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. System for indicating the values of components of an electromotive force. 2,171,978; Sept. 5.
Ghertman, Goino, Saint Mande, France, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,172,062; Sept. 5.
Ghertman, Goino, St. Mande, France, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Paper feeding device. 2,181,992; Dec. 5.
Ghertzmann, Ioyno, Saint-Mande, France, assignor to International Business Machines Corporation, New York, N. Y. Sorting machine. 2,156,978; May 2.
Gheysens, Eugène A. C. A. and P. C. L. A., Iseghem, Belgium. Haircloth. 2,160,616; May 30.
Gheysens, Paul C. L. A. (See Gheysens, Eugène A. C. A. and P. C. L. A.)
Giacobbe, John. (See Santarelli, V., and Giacobbe.)
Giaimo, Charles V., Irvington, N. J., assignor to The Lionel Corporation, New York, N. Y. Sound-producing toy. 2,143,513; Jan. 10.
Giaimo, Charles V. Irvington, N. J., assignor to The Lionel Corporation, New York, N. Y. Signal. 2,145,652; Jan. 31.
Giaimo, Charles V., Irvington, N. J., assignor to The Lionel Corporation, New York, N. Y. Signal. 2,172,468; Sept. 12.
Gianatasio, Frank, New York, N. Y. Auxiliary air control valve. 2,158,819; May 16.
Gianni, Dante H. (See Gordon, Verne W., assignor.)
Giannini, Gabriel M., Great Neck, N. Y., assignor to Automatic Electric Company, Chicago, Ill. Acoustic apparatus. 2,172,871; Sept. 12.
Gianoli, Marcel L., Neuilly-sur-Seine, France. Stabilizing device. 2,174,225; Sept. 26.
Giardino, Joachim, West New York, N. J. Covered joint piston ring. 2,168,901; Aug. 8.
Gibb, Donald L. (See McClurg, R. S., and Gibb.)
Gibb, Edwin D., Dorchester, Mass. Antislipping attachment for shoes. 2,171,692; Sept. 5.
Gibb, Robert H., Carlisle, Pa. Sectional ductor roller. 2,154,896; Apr. 18.
Gibbins, Leslie B. (See Taylor, W. I., and Gibbins.)
Gibbons, Chester H., Drexel Hill, Pa., assignor to Baldwin-Southwark Corporation. Apparatus for determining rate of strain. 2,163,873; June 27.
Gibbons, Edward A. (See Brett, T. J., and Gibbons.)
Gibbons, Harold R., Chatham, and O. W. Young, East Orange, N. J., assignors to General Motors Corporation, Detroit, Mich. Journal box. 2,150,893; Mar. 21.
Gibbons, James A., North Hollywood, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Cable trolley. 2,164,205; June 27.
Gibbons, James A., North Hollywood, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Device for imparting motion to toy airplanes. 2,177,709; Oct. 31.
Gibbons, John P., Chicago, Ill. Vacuum mop cleaner. 2,170,528; Aug. 22.
Gibbons, Michael A., Philadelphia, Pa. Valve unit. 2,144,288; Jan. 17.
Gibbons, Michael A., Philadelphia, Pa. Valve unit. 2,155,124; Apr. 18.
Gibbons, Vincent J., Columbus, Ohio. Method and means for securing heavy bodies during shipment. 2,159,848; May 23.
Gibbons, Wayne, Camp Custer, Mich. Grenade throwing tube. 2,145,871; Feb. 7.
Gibbons, Wesley A. (See George, E. S., and Gibbons.)
Gibbons, Willis A., Montclair, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Insulation of electrical conductors. 2,160,204; May 30.
Gibbons, William P., Brooklyn, assignor to Johns-Manville Corporation, New York, N. Y. Display and demonstration device. 2,178,255; Oct. 31.
Gibbons, Willis A., Montclair, N. J., assignor to United States Rubber Company, New York, N. Y. Asbestos yarn. 2,179,087; Nov. 7.
Gibbons, Willis A., Montclair, N. J., and E. Hazell, assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Plate for electrical accumulators or storage batteries and making the same. 2,177,062; Oct. 24.
Gibbs, George W., Jr., Jacksonville, Fla. Marine engine exhaust. 2,142,268; Jan. 3.
Gibbs, Harry F., Warren, Ohio. Removable water-cooled slag pot. 2,154,980; Apr. 18.
Gibbs, James T., and W. P. Young, Sweetwater, Tenn. Air conditioner for automobiles, buses, and the like. 2,183,452; Dec. 12.
Gibbs, John C., Brooklyn, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Closure cap and making. 2,168,565; Aug. 8.
Gibbs, Lloyd T. (See Riney, A. H., and Gibbs.)
Gibbs, Lloyd T., and G. P. Jennings, assignors to Phillips Petroleum Company, Bartlesville, Okla. Pressure regulator for blending apparatus. 2,145,114; Jan. 24.
Gibbs, Ralph F. (See Sawyer, E. W., and Gibbs.)
Gibbs, Richard F., et al. (See Gorney, Edward A., assignor.)
Gibbs, Thomas B., Chicago, Ill. Microphonic apparatus. 2,175,021; Oct. 3.
Gibello, Henri, Paris, assignor to Societe Nobel Francaise, Paris, Seine, France. Fabric for masks and protective clothing. 2,173,781; Sept. 19.
Gibney, James L., Buffalo, N. Y. Producing high tensile strength iron. 2,169,464; Aug. 15.
Gibson, Alan C., London, England. Saucer for supporting cups, glasses, or other drinking vessels. 2,151,023; Mar. 21.
Gibson, Charles J., Greenville, and J. Touborg, Tecumseh, assignors to Gibson Electric Refrigerator Corporation, Greenville, Mich. Refrigerating apparatus. 2,158,718; May 16.
Gibson, Charles S., Kingswood, England. Preparation of gold films. 2,171,086; Aug. 29.
Gibson, Clyde M., Huntington, W. Va. Adjustable choke for shotguns. 2,153,246; Apr. 4.
Gibson, Earl S., Ridgewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,145,079; Jan. 24.
Gibson Electric Refrigerator Corporation. (See Gibson, C. J., and Touborg, assignors.)
Gibson Electric Refrigerator Corporation. (See Touborg, Jens, assignor.)
Gibson, George A., Jr., New York, N. Y. Automatic feeding device. 2,155,895; Apr. 25.
Gibson, George R., Brookfield, and E. E. Wolters, assignors to The General Fireproofing Company, Youngstown, Ohio. Insulated cabinet. 2,148,689; Feb. 28.
Gibson, Hal, Dallas, Tex., assignor to General Electric Company. Air conditioning system. 2,166,813; July 18.
Gibson, Heyward P. (See Leusch, V. W., and Gibson.)
Gibson, Inc. (See Miller, George R., assignor.)
Gibson, J. Lowell, Dayton, Ohio, assignor to General Motors Corporation. Refrigerating apparatus. Re. 21,040; Apr. 4.

Gibson Made Products, Inc. (See Gibson, William D., assignor.)
Gibson, Milo S., Chicago, Ill., assignor to Gibson Patents Holding Corporation. Knock-down grille construction. 2,176,334; Oct. 17.
Gibson Patent Containers, Ltd. (See Boothby, A. M., and Gazette, assignors.)
Gibson Patent Containers, Ltd. (See Page, John E., assignor.)
Gibson Patents Holding Corporation. (See Gibson, Milo S., assignor.)
Gibson Patents Holding Corporation. (See Lotz, Rudolph W., assignor.)
Gibson, Reginald O. (See Fawcett, E. W., Gibson, and Perrin.)
Gibson, Robert C., Toronto, Ontario, Canada. Combination brake and accelerator control. 2,181,883; Dec. 5.
Gibson, Robert H., and W. D. Crocker, assignors to American Bosch Corporation, Springfield, Mass. Ventilator attachment for electric ignition apparatus. 2,150,859; Mar. 14.
Gibson, Robert H., assignor to American Bosch Corporation, Springfield, Mass. Ignition distributor. 2,161,251; June 6.
Gibson, Samuel H., Lakewood, assignor to The Fanner Manufacturing Company, Cleveland, Ohio. Winding shaft hook. 2,143,348; Jan. 10.
Gibson, Samuel L., Bryson City, N. C. Outlet box with adjustable support. 2,178,168; Oct. 31.
Gibson, Thomas H., assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Baking assembly. 2,164,582; July 4.
Gibson, William D., assignor to Gibson Made Products, Inc., Los Angeles, Calif. Producing pastries and the like. 2,144,720; Jan. 24.
Giddings, Fred M., Galesburg, Ill. Utility scraper and tool. 2,169,414; Aug. 15.
Giddings, Harold T., Oakland, Calif. Mop wringer. 2,143,846; Jan. 17.
Giddings, Horace, San Francisco, Calif. Freight car. 2,149,015; Feb. 28.
Gideon, Roy M., Palmyra, assignor to MacAndrews and Forbes Company, Camden, N. J. Dispersible sulphur and making the same. 2,158,899; May 16.
Gideon, Victor W., assignor to Boyar-Schultz Corporation, Chicago, Ill. Grinding machine. 2,167,647; Aug. 1.
Gideon, William B., Du Pont, Wash., and T. W. Hauff, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of ammonium nitrate. 2,174,238; Sept. 26.
Giebink, John H., Waupun, Wis. Shingling gauge holder. 2,157,663; May 9.
Giebler, Julius E. (See Freise, Frank, assignor.)
Giegerich, Bertrand V., Pittsfield, Mass., assignor to General Electric Company. Switching apparatus. 2,145,720; Jan. 31.
Gier, Virgil, Turlock, Calif. Scraper. 2,147,696; Feb. 21.
Gier, John R., Jr., Penn Township, Allegheny County, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Resistance welding. 2,151,758; Mar. 28.
Giesau, Reinhold, Dresden, Germany. Traveling grate for flue-tube boilers. 2,147,975; Feb. 21.
Giese, Lawrence F., Hales Corners, assignor to Line Material Company, South Milwaukee, Wis. Lighting unit. 2,161,957; June 13.
Giese, Willi, Nijmegen, Netherlands. Toilet sheet. 2,169,415; Aug. 15.
Gieseler, George A., assignor to Dracco Corporation, Cleveland, Ohio. Filtering apparatus. 2,167,236; July 25.
Gieseler, Martin, Berlin, Germany, assignor to General Electric Company. Control system. 2,160,587; May 30.
Gieseler, Martin, Berlin, Germany, assignor to General Electric Company. Control mechanism. 2,180,144; Nov. 14.
Giesler, Jean V., and J. E. Dube, assignors to The Fulton Sylphon Company, Knoxville, Tenn. Temperature regulator. 2,165,136; July 4.
Giesen, Edward E., Chicago, Ill. Automatic change speed transmission. 2,152,039; Mar. 28.
Giesen, Johannes. (See Zetzsche, W., Giesen, and von Pongratz.)
Gieskieng, Marion W., Denver, Colo. Shock resisting steering mechanism. 2,144,489; Jan. 17.
Giesler, Jean V., assignor to The Fulton Sylphon Company, Knoxville, Tenn. Temperature regulator. 2,142,442; Jan. 3.
Giet, John, Jamaica, N. Y., and H. Miedendorp, Jr., Glen Rock, N. J. Thread cleaner. 2,181,479; Nov. 28.
Gifford, Emerson W., Teaneck, N. J., assignor to International Business Machines Corporation, New York, N. Y. Sorting machine. 2,165,251; July 11.
Gifford, Randolph D., Handsworth Wood, assignor to Kenrick & Jefferson Limited, West Bromwich, England. Automatic sheet feeding mechanism for relief stamping machines. 2,147,529; Feb. 14.
Gifford-Wood Company. (See Sheldon, H. C., and Towne, assignors.)
Gignoux, Frank C., assignor to Reed Roller Bit Company, Houston, Tex. Tool joint and making same. 2,161,568; June 6.
Gilardone, Joseph C., Fleetwood, Pa. Fabric holding equipment for embroidery machines. 2,148,614; Feb. 28.
Gilbert, A. C., Company, The. (See Anketell, Edward N., assignor.)
Gilbert, A. C., Company, The. (See Morse, Shirley P., assignor.)
Gilbert, A. E., Company. (See Anketell, Edward M., assignor.)
Gilbert & Barker Manufacturing Company. (See De Lancey, Warren H., assignor.)
Gilbert & Barker Manufacturing Company. (See Logan, Joseph A., assignor.)
Gilbert & Barker Manufacturing Company. (See Logan, J. A., and De Lancey, assignors.)
Gilbert & Barker Manufacturing Company. (See Mayes, Matthew T., 2nd, assignor.)
Gilbert & Barker Manufacturing Company. (See Neal, Chester T., assignor.)
Gilbert, Charles E., New York, N. Y. Electrical connector. 2,183,016; Dec. 12.
Gilbert, Charles L., Spokane, Wash. Eraser cleaning machine. 2,152,140; Mar. 28.
Gilbert, Clyde L., assignor to American Coating Mills, Inc., Elkhart, Ind. Knock-down display device. 2,149,959; Mar. 7.
Gilbert, Edward, assignor of one-half to L. Sillman, New York, N. Y. Stage setting. 2,182,757; Dec. 5.
Gilbert, Gustave F. L., Houilles, France. Securing device. 2,161,464; June 6.
Gilbert, Hakon, Brooklyn, N. Y. Signaling device for automobiles. 2,143,550; Jan. 10.
Gilbert, Harvey N., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of alkali metals. 2,148,404; Feb. 21.
Gilbert, Harvey N., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Incorporated, Wilmington, Del. Metal recovery. 2,150,437; Mar. 14.
Gilbert, Howard W., Washington, D. C., assignor to Freeport Sulphur Company, New York, N. Y. Making phosphate-sulphur fertilizer. 2,161,035; June 6.
Gilbert, John J., Douglaston, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Housing for repeater apparatus. 2,155,650; Apr. 25.
Gilbert, Joseph. (See Grossman, A., and Gilbert.)
Gilbert, M. J., et al. (See Gorney, Edward A., assignor.)
Gilbert & Nash Company. (See Nash, William C., assignor.)
Gilbert & Parker Manufacturing Company. (See De Lancey, Warren H., assignor.)
Gilbert, Proctor J. (See Ralston, H. D., and Gilbert.)
Gilbert, Ralph A., Pittsfield, Mass., assignor to General Electric Company. Resistance butt welding machine. 2,175,022; Oct. 3.
Gilbert, Samuel, Verona, assignor to Eclipse Aviation Corporation, East Orange, N. J. Motive system. 2,172,124; Sept. 5.
Gilbert, Walter W., Stillwater, Minn. Combined steering and braking mechanism. 2,168,201; Aug. 1.
Gilbert, William A., Milwaukee, Wis. Permanent wave pad. 2,151,024; Mar. 21.
Gilbert, William A., Milwaukee, Wis. Protector pad for permanent waving. 2,171,931; Sept. 5.
Gilbert, William J. (See Jaros, Otto, assignor.)
Gilchrist, Peter S., Charlotte, N. C., and J. M. Rumple, Flushing, assignors to Chemical Construction Corporation, New York, N. Y. Removal of moisture from gases in the manufacture of contact sulphuric acid. 2,174,739; Oct. 3.
Gilchrist, Ralph E. (See Haldeman, Albert A., assignor.)
Gilchrist, Robert F., Ontario, Oreg. Fertilizer distributor attachment for cultivators. 2,176,528; Oct. 17.
Gildenzopf, Emil C. (See Nickerson, A. W., and Gildenzopf.)
Giles, Carra. (See Naecker, W., and Giles.)
Giles, Dora T., executrix. (See Giles, Henry H.)
Giles, Frederick K., Horney Common, England. Show card and the like. 2,153,460; Apr. 4.
Giles, Henry H., deceased, Pittsburgh, Pa., by D. T. Giles, executrix, Fort Lauderdale, Fla. Treatment of austenitic steels. 2,145,171; Jan. 24.
Giles, Henry H., deceased, Lincoln Place, Pa.; D. T. Giles, executrix, assignor to American Sheet and Tin Plate Company. Chromium-bearing metal. 2,175,771; Oct. 10.
Giles, Henry H., Pittsburgh, and C. M. Nystrom, McKeesport, Pa., assignors to American Sheet and Tin Plate Company. Grinding. 2,177,316; Oct. 24.
Gilfillan, Paul M., Chicago, Ill., assignor to Shellmar Products Company, Mount Vernon, Ohio. Forming labels. 2,153,144; Apr. 4.
Gilfillan, Paul M., assignor to Shellmar Products Company, Mount Vernon, Ohio. Container. 2,169,638; Aug. 15.
Gilford, Fred A., Chicago, Ill. Bath water conditioner. 2,156,114; Apr. 25.
Gilkerson, Paul H., St. Louis, Mo. Coke chamber. 2,144,109; Jan. 17.
Gill, Charles A., Reading, Pa. Ballast cleaning apparatus. 2,145,763; Jan. 31.
Gill, Charles E., River Forest, Ill., assignor to The Sharples Solvents Corporation, Philadelphia, Pa. By-pass odorizer. 2,178,519; Oct. 31.
Gill, Clarence L., assignor to Appliance Products Company, Madison, Wis. Garment hanger support. 2,150,826; Mar. 14.

Gill, Edwin R., Sr., Yonkers, N. Y., assignor by mesne assignments to General Motors Corporation. Defrosting of refrigerators. 2,162,709; June 20.
Gill Glass & Fixture Company. (See Regester, Ramsay G., assignor.)
Gill, Harry A., Foxboro, and R. H. Baker, Attleboro Falls, assignors to The Foxboro Company, Foxboro, Mass. Galvanometer. 2,169,476; Aug. 15.
Gill, James P., assignor to Vanadium-Alloys Steel Company, Latrobe, Pa. Ferrous alloy. 2,174,281; Sept. 26.
Gill, James P., assignor to Vanadium-Alloys Steel Company, Latrobe, Pa. Ferrous alloy. 2,174,282; Sept. 26.
Gill, James P., assignor to Vanadium-Alloys Steel Company, Latrobe, Pa. Ferrous alloy. 2,174,283; Sept. 26.
Gill, James P., assignor to Vanadium-Alloys Steel Company, Latrobe, Pa. Ferrous alloy. 2,174,284; Sept. 26.
Gill, James P., assignor to Vanadium-Alloys Steel Company, Latrobe, Pa. Ferrous alloy. 2,174,285; Sept. 26.
Gill, James P., assignor to Vanadium-Alloys Steel Company, Latrobe, Pa. Ferrous alloy. 2,174,286; Sept. 26.
Gill, Joseph W., Elmhurst, assignor to United States Gypsum Company, Chicago, Ill. Colored fiberboard. 2,176,854; Oct. 17.
Gill, Raymond, Pleasantville, N. J. Bracket for curtain rods or the like. 2,144,242; Jan. 17.
Gill, Walter L., Redlands, Calif. Electric storage battery. 2,154,841; Apr. 18.
Gill, Walter L., Redlands, Calif. Heating, drying, and sterilizing cabinet. 2,179,256; Nov. 7.
Gille, Willis H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Motor. 2,145,791; Jan. 31.
Gille, Willis H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fuel combustion control system. 2,154,041; Apr. 11.
Gille, Willis H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Relay. 2,169,141; Aug. 8.
Gille, Willis H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fuel combustion control system. 2,170,497; Aug. 22.
Gille, Willis H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fuel combustion control system. 2,180,675; Nov. 21.
Gille, Willis H., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Solenoid mechanism. 2,181,423; Nov. 28.
Gillen, George A., Bronx, N. Y. Electrical machine. 2,171,979; Sept. 5.
Giller, Fritz, Mannheim, and F. Winkler, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Purification of gases. 2,168,933; Aug. 8.
Gilles, Franz F. R. A., Uccle-Brussels, assignor to "Société Générale de Fours à Coke, Systemes Lecocq" Société Anonyme, Brussels, Belgium. Oven for heat treatment of shales, schists, sandstones, and the like. 2,167,503; July 25.
Gilles, Georges, Paris, and H. Lustin, Melun, France. Liquid level indicator. 2,143,597; Jan. 10.
Gillett, Horace W., and R. W. Dayton, Columbus, assignors to The Bunting Brass & Bronze Company, Toledo, Ohio. Producing metallic material. 2,149,596; Mar. 7.
Gillett, Merriman C., Philadelphia, Pa., E. N. Sanbern, Rockville Centre, N. Y., and A. O. Roche, Jr., Stamford, Conn., assignors to Hoffman Specialty Company, New York, N. Y. Heating system. 2,181,480; Nov. 28.
Gillett, Thomas R. (See Holven, A. L., and Gillett.)
Gillette George A., Jr. (See Bouveng, N., and Gillette.)
Gillette, Elmon C. (See Corey, George H., assignor.)
Gillette, Elmon C., et al. (See Jones, Robert C., assignor.)
Gillette, Elmon C. (See Koulichkov, Serge N.)
Gillette, Elmon C., et al. (See Matveyeff, Michael N., assignor.)
Gillette, Elmon C., New York, N. Y. Staple. 2,142,782; Jan. 3.
Gillette, Elmon C., New York, N. Y. Paper bib. 2,172,162; Sept. 5.
Gillette, John C., Racine, Wis. Time switch. 2,176,569; Oct. 17.
Gillette Safety Razor Company. (See Hanley, John A., assignor.)
Gillette Safety Razor Company. (See Muros, Joseph, assignor.)
Gillette Safety Razor Company. (See Smith, Theodore L., assignor.)
Gillette Safety Razor Company. (See Tuttle, Charles J., assignor.)
Gillette Safety Razor Company. (See Young, Louis H., assignor.)
Gillette, Sidney G. (See Near, L. B., and Gillette.)
Gillham, Daniel H., and G. H. Meade, San Jose, Calif.; said Meade assignor to said Gilham. Washer. 2,167,944; Aug. 1.
Gilliam, Jewell A., Wingo, Ky. Fly-rod fish lure. 2,167,945; Aug. 1.
Gilliam, Lawrence M., assignor of 15% to D. E. Lyon, San Anselmo, Calif. Tobacco cartridge. 2,162,077; June 13.
Gillick, Lawrence H., Evanston, and J. Van Vulpen, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Adjustable spring tension pipe-supporting means. 2,171,789; Sept. 5.
Gilligan, James P. (See Coutchure, Wencel L., assignor.)
Gilliland, Edwin R., Cambridge, Mass., assignor to Standard Alcohol Company. Production of isopropyl ether. 2,160,854; June 6.
Gilliland, Edwin R., Cambridge, Mass., and R. Rosen, Elizabeth, N. J., assignors to Standard Oil Development Company. Blending agent for gasoline. 2,184,956; Dec. 26.
Gilling, Earl A., F. P. Vaughan, and A. G. Krueger, assignors to Bay West Paper Company, Green Bay, Wis. Web dispenser mounting. 2,144,757; Jan. 24.
Gillis, Angus J. (See Bigman, J., and Gillis.)
Gillis, Gary. (See Reitz, August P., assignor.)
Gillis, Joseph P. (See Hobstetter, C. A., Gillis, and Milton.)
Gillis, Raymond T. (See Berg, R., and Gillis.)
Gillson, Raymond L., Cincinnati, Ohio. Hydraulic brake. 2,151,198; Mar. 21.
Gilluly, Olive J., Los Angeles, Calif. Apparatus for creating and projecting designs. 2,173,162; Sept. 19.
Gilman Fanfold Corporation. (See Mabon, Carl R., assignor.)
Gilman, George H., Washington, D. C., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Drill mounting. 2,143,848; Jan. 17.
Gilman, George P., assignor to Rotary Seal Co., Chicago, Ill. Seal for rotating shafts. 2,161,672; June 6.
Gilman, Henry, and R. V. Young, Ames, Iowa, assignors to Parke, Davis & Company, Detroit, Mich. Metallic and hydroxy derivatives of dibenzofurane. 2,146,730; Feb. 14.
Gilmore, Harry R., Steubenville, Ohio. Safety crossing. 2,157,602; May 9.
Gilmore, Howard, Brookline, Mass. Endless slide rule. 2,177,176; Oct. 24.
Gilmore, Otto C., Van Nuys, Calif., assignor, by mesne assignments, to Cosmocolor Corporation, New York, N. Y. Projection device. 2,152,959; Apr. 4.
Gilord Corporation, The. (See Ford, Homer P., assignor.)
Gilpin Autolock Corporation. (See Gilpin, Victor L., assignor.)
Gilpin, Clinton D., Westfield, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Perforated fabric. 2,149,913; Mar. 7.
Gilpin, Garth G. (See Jumper, F. J., and Gilpin.)
Gilpin, Garth G., Riverside, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Railway car end wall. 2,155,265; Apr. 18.
Gilpin, Garth G., Riverside, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Refrigerator car floor. 2,162,078; June 13.
Gilpin, Garth G., Riverside, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Side wall for railway cars. 2,168,795; Aug. 8.
Gilpin, Garth G., Riverside, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Railway car construction. 2,181,583; Nov. 28.
Gilpin, Victor L., Baltimore, Md., assignor to Gilpin Autolock Corporation. Automobile lock. 2,169,796; Aug. 15.
Gilson, Arthur G., assignor to Mitchell Manufacturing Company, Fort Smith, Ark. Folding bed. 2,161,958; June 13.
Gilson Brothers Company. (See Gilson, Michael V., assignor.)
Gilson, Michael V., assignor to Gilson Brothers Company, Fredonia, Wis. Automobile truck. 2,171,030; Aug. 29.
Gilson, William, et al. (See Boudreaux, Abel J., assignor.)
Gilstrap, Frank M., Barranca Bermeja, Colombia, and F. W. Baurmann, Buena Park, assignors, by mesne assignments, to E. V. Crowell, Huntington Park, Calif. Cementing wells. 2,168,735; Aug. 8.
Gimmi, Ernst. (See Lienhard, Fritz.)
Gimmelli, Anthony, Waterbury, Conn. Convertible storm sash and window screen. 2,153,145; Apr. 4.
Ginaca, Aquiles A., Buenos Aires, Argentina. Preserving cereals and the like. 2,150,827; Mar. 14.
Gingell, Harry, Johnson City, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for treating articles of sheet material. 2,150,274; Mar. 14.
Ginnel, Henry, Scarsdale, N. Y. Fluid dispensing apparatus. 2,180,821; Nov. 21.
Ginns, Albert, Worcester, and R. E. Rawling, Shrewsbury, Mass. Label applying attachment. 2,174,210; Sept. 26.
Ginsberg, Charles W., Brooklyn, and R. A. Freeman, Mount Vernon, assignors to R. Hoe & Co., Inc., New York, N. Y. Method and means for renewing web rolls in a printing machine. 2,160,855; June 6.
Ginsburg, Michael I., Philadelphia, Pa. Power transmitting unit. 2,167,450; July 25.
Ginter, Charles W., assignor to The Aro Equipment Corporation, Bryan, Ohio. Combination high and low pressure lubricant pump. 2,175,522; Oct. 10.
Gintling, John A., Baltimore, Md. Left-foot accelerator for automobiles. 2,175,772; Oct. 10.
Gintz, Walter F., Nacogdoches, Tex. Window stop and lock. 2,179,887; Nov. 14.
Girdler Corporation, The. (See Bottoms, Robert R., assignor.)

Girdler Corporation, The. (See Gaum, Gilbert A., assignor.)
Girdler Corporation, The. (See Miller, Bruce D., assignor.)
Girdler Corporation, The. (See Phelps, Paul, assignor.)
Girdler Corporation, The. (See Phelps, P., and Hohl, assignors.)
Girdler Corporation, The. (See Phelps, P., and Zoeller, assignors.)
Girl, Christian. (See Caldwell, S. H., and Black, assignors.)
Girl, Christian, and W. E. Dunston, assignors to Kelch Heater Co., Detroit, Mich. Illuminated vehicle mirror. 2,149,598; Mar. 7.
Girl, Christian, W. E. Dunston, and S. H. Caldwell, Detroit, Mich., assignors to Kelch Heater Co. Illuminated vehicle mirror. 2,149,597; Mar. 7.
Giró, Francisco, Buenos Aires, Argentina. Two-stroke engine. 2,167,402; July 25.
Giroud, Pierre, Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Radio direction finding apparatus. 2,182,118; Dec. 5.
Giroz, Henri E., Boulogne-Billancourt, assignor to International Standard Electric Corporation, New York, N. Y. Tension control device or the like. 2,164,912; July 4.
Girvan, Ian W., executor. (See Lowe, J. H., and King.)
Gish, Daniel B., West Springfield, Mass. Hose. 2,158,538; May 16.
Gish, Lewis L. (See De Rusha, W. W., and Gish.)
Gisholt Machine Company. (See Godfriaux, Louis E., assignor.)
Gisholt Machine Company. (See Holmes, Glenn C., assignor.)
Gisholt Machine Company. (See Senger, Werner I., assignor.)
Gisholt Machine Company. (See Senger, W. I., and Sundt, assignors.)
Gistucci, Paul X. A., Paris, assignor to Societe Generale des Carburateurs Zenith, Levallois-Perret, France. Carburetor. 2,144,017; Jan. 17.
Gistucci, Paul X. A., Paris, and J. Lichtenstein, assignors to Societe Generale des Carburateurs Zenith, Le Vallois-Perret, (Seine), France. Carburetor. 2,156,115; Apr. 25.
Gistucci, Paul X. A., Paris, and J. Lichtenstein, Levallois-Perret, assignors to Societe Generale des Carburateurs Zenith, Levallois-Perret (Seine), France. Carburetor. 2,160,067; May 30.
Githens, Otto W., New York, J. Norden, Astoria, and E. G. Mannerberg, Brooklyn, assignors, by mesne assignments, to Universal Camera Corporation, New York, N. Y. Camera. 2,164,061; June 27.
Githens, Otto W., and G. Kende, New York, and E. M. Porter, Brooklyn, assignors, by mesne assignments, to Universal Camera Corporation, New York, N. Y. Intermittent film feed and shutter mechanism. 2,167,713; Aug. 1.
Githens, Otto W., and W. L. Lawson, assignors, by mesne assignments, to Universal Camera Corporation, New York, N. Y. Camera. 2,172,348; Sept. 12.
Githens, Otto W., and G. Kende, New York, and E. M. Porter, Brooklyn, assignors, by mesne assignments, to Universal Camera Corporation, New York, N. Y. Motion picture camera. 2,174,155; Sept. 26.
Gits, Joseph A., and J. P., Chicago, Ill. Pull knob. 2,164,206; June 27.
Gits, Joseph A. and J. P. Gits, Chicago, Ill. Knob structure. 2,171,361; Aug. 29.
Gits, Jules P. (See Gits, Joseph A., and J. P.)
Gits, Remi J. (See Miller, Royal R., assignor.)
Gits, Remi J., Chicago, Ill. Oil seal. 2,158,418; May 16.
Gittler, Joseph W., Philadelphia, Pa. Attached remembrance band for wedding rings. 2,146,426; Feb. 7.
Giuliano, Anthony P., Newark, N. J. Carroting. 2,181,884; Dec. 5.
Giuseffi, Jerome, Cincinnati, Ohio, assignor to The Goodall Worsted Company, Sanford, Maine. Coat collar construction. 2,166,566; July 18.
Giuseffi, Jerome, Cincinnati, Ohio, assignor to The Goodall Worsted Company, Sanford, Maine. Shoulder pad construction. 2,169,489; Aug. 15.
Giuseffi, Jerome, Cincinnati, Ohio, assignor to The Goodall Worsted Company, Sanford, Maine. Garment construction. 2,169,490; Aug. 15.
Giuseffi, Jerome, Cincinnati, Ohio, assignor to The Goodall Worsted Company, Sanford, Maine. Coat construction. 2,169,491; Aug. 15.
Giusto, Joseph A., Brooklyn, N. Y. Sleeper's garment. 2,143,064; Jan. 10.
Givaudan-Delawanna, Inc. (See Carpenter, Marion S., assignor.)
Given, Frederick J., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical condenser. 2,181,695; Nov. 28.
Givens, Frank M., Nashville, Tenn. Automatic brake control mechanism. 2,174,464; Sept. 26.
Givens, John H., Coventry, assignor to Courtaulds, Limited, London, England. Manufacture and production of artificial filaments, threads, bands, and the like. 2,166,051; July 11.
Givren, James C., Brockton, Mass. Shoe. 2,171,414; Aug. 29.
Gizzarelli, Nicholas, Warren, R. I. Electrician's tool. 2,163,676; June 27.
Glab, William N., assignor to Morrison Brothers Company, Dubuque, Iowa. Coupling. 2,147,026; Feb. 14.
Glacy, Edward W. (See Delaval-Crow, T. C., and Glacy.)
Glacy, Edward W., and T. C. Delaval-Crow, Bristol, Conn., assignors to General Motors Corporation, Detroit, Mich. Driving mechanism for cycles. 2,181,424; Nov. 28.
Gladding, B. F., & Co. Inc. (See MacMurray, Orrin, assignor.)
Gladding, Ernest K., Buffalo, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Artificial thread dressing composition. 2,160,458; May 30.
Gladding, Ernest K., Buffalo, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for the production of filaments, threads, and the like. 2,168,027; Aug. 1.
Gladfelter, Wiltie I., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Filling and crowning mechanism. 2,184,493; Dec. 26.
Gladitz, Walter, Augsburg, Germany. Welding device. 2,183,908; Dec. 19.
Gladstone, William D., New York, assignor to The Fred. Gretsch Manufacturing Co., Brooklyn, N. Y. Musical tuning device. 2,172,578; Sept. 12.
Glancy, Anna E., assignor to American Optical Company, Southbridge, Mass. Optical system for measuring changes in magnification. 2,179,850; Nov. 14.
Glancy, Anna E., and L. L. Gagnon, assignors to American Optical Company, Southbridge, Mass. Ophthalmic lens. 2,180,003; Nov. 14.
Glans, Joseph R., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electrode assembly. 2,167,885; Aug. 1.
Glanz, Victor, Chicago, Ill. Stereoscopic moving picture apparatus. 2,184,641; Dec. 26.
Glanzer, Clarence J., assignor to Air-Maze Corporation, Cleveland, Ohio. Air cleaner. 2,151,593; Mar. 21.
Glaser, Amandus, Berlin, Germany. Soldering hollow bodies. 2,144,332; Jan. 17.
Glaser, Carl F., Chicago, Ill. Tile and setting the same. 2,157,201; May 9.
Glaser, Charles F. (See Schroeder, J. A., and Glaser.)
Glaser, Leo B. (See Grimditch, W. H., Bowman, and Glaser.)
Glaser, Max, Hawthorne, Calif. Nut cracking machine. 2,144,841; Jan. 24.
Glasgow, Chester W., assignor of one-half to M. E. Glasgow, and one-half to A. F. Jackson, Detroit, Mich. Swinging sign. 2,147,890; Feb. 21.
Glasgow, Chester W., assignor of one-half to M. E. Glasgow, and one-half to A. F. Jackson, Detroit, Mich. Swinging sign. 2,178,751; Nov. 7.
Glasgow, Margaret E., et al. (See Glasgow, Chester W., assignor.)
Glasker, Jacob, assignor to Corliss Manufacturing Co., Boston, Mass. Traveling kit. 2,167,926; Aug. 1.
Glasner, Rudolph W., and E. K. Johansen, Chicago, Ill.; said Johansen assignor to said Glasner. Die fitting machine. 2,155,482; Apr. 25.
Glass, Edwin B., Los Angeles, Calif. Rectal electrode. 2,184,642; Dec. 26.
Glass, John V. S., Sutton Weaver, near Warrington, England, assignor to Imperial Chemical Industries Limited. Manufacture of gelatin. 2,184,494; Dec. 26.
Glass, Myron S., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Photoelectric tube. 2,178,227; Oct. 31.
Glass, Myron S., West Orange, N. J., and D. A. S. Hale, Brooklyn, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multicathode ray discharge device. 2,170,944; Aug. 29.
Glass, William H. (See Bush, R. J., and Glass.)
Glass, William M. (See Dreyfus, H., Moncrieff, and Glass.)
Glassford, Fred, Royal Oak, assignor to Chrysler Corporation, Highland Park, Mich. Making valve tappets. 2,144,147; Jan. 17.
Glassley, Eugene E., South Whitley, Ind. Extension tube for inflating automobile tires. 2,158,576; May 16.
Glauser, Meyer S., Philadelphia, Pa. Preparing a bactericidal agent and composition obtained from reaction of metadihydroxybenzene and gum camphor. 2,174,976; Oct. 3.
Glazat, William. (See McMahon, T. A., Hierholzer, and Glazat.)
Glaze, Herbert L., South Pasadena, assignor to W. K. Booth, doing business as Equipment Engineering Company, Los Angeles, Calif. Pellet drier. 2,163,556; June 20.
Gleaner Harvester Corporation. (See Pierson, Torvald N., assignor.)
Gleasman, Vernon E., Boonville, N. Y. Transmission. 2,177,213; Oct. 24.
Gleason, Anthony H. (See Buc, H. E., and Gleason.)
Gleason, Anthony H., Elizabeth, N. J., assignor to Standard Oil Development Company. Lubricant. 2,147,647; Feb. 21.
Gleason, Anthony H., Elizabeth, N. J., assignor to Standard Oil Development Company. Recovering condensing agents. 2,167,358; July 25.

Gleason, Anthony H., Elizabeth, N. J., assignor to Standard Oil Development Company. Preparing acetyl acetic acid derivatives. 2,174,239; Sept. 26.
Gleason, Anthony H., Elizabeth, N. J., assignor to Standard Oil Development Company. Preparation of anhydrides by the use of ketene. 2,178,752; Nov. 7.
Gleason, Anthony H., Elizabeth, N. J., assignor to Standard Oil Development Company. Preparation of aromatic esters. 2,180,953; Nov. 21.
Gleason, Anthony H., and R. Rosen, Elizabeth, N. J., assignors to Standard Oil Development Company. Polymerization with boron fluoride. 2,184,957; Dec. 26.
Gleason-Avery, Inc. (See Avery, E. C., and Gleason, assignors.)
Gleason, Fred H. (See Avery, E. C., and Gleason.)
Gleason, Frederick H., Auburn, N. Y., assignor, by mesne assignments, to Doray Lamp Co., Inc., Chicago, Ill. Cap closure. 2,144,584; Jan. 17.
Gleason, George A. (See Brickman, A. E., and Gleason.)
Gleason, George A., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Post. 2,162,301; June 13.
Gleason, William W., assignor to Nachman Spring-Filled Corporation, Chicago, Ill. Spring assembly for upholstery. 2,148,118; Feb. 21.
Gleason, William W., assignor to Nachman Spring-filled Corporation, Chicago, Ill. Spring anchoring device. 2,166,989; July 25.
Gleason, William W., assignor to Nachman Springfield Corporation, Chicago, Ill. Machine for producing modified types of upholstery springs. 2,175,459; Oct. 10.
Gleason Works. (See Bauer, Oliver F., assignor.)
Gleason Works. (See Candee, A. H., and Richmond, assignors.)
Gleason Works. (See Johanson, M. H., and Clark, assignors.)
Gleason Works. (See Wildhaber, Ernest, assignor.)
Gledhill, Edward C., Galion, Ohio. Road miller. 2,183,098; Dec. 12.
Gledhill, Edward C. and W. E., assignors to The Gledhill Road Machinery Company, Galion, Ohio. Steering gear for road machinery. 2,146,065; Feb. 7.
Gledhill, Edward C. and W. E., Galion, and G. W. Newell, Carey, Ohio, and H. H. Miller, Clermont, Ind., assignors to The Gledhill Road Machinery Company, Galion, Ohio. Dust hazard eliminator. 2,183,097; Dec. 12.
Gledhill Road Machinery Company, The. (See Gledhill, Edward C. and W. E., assignors.)
Gledhill Road Machinery Company, The. (See Gledhill, Edward C. and W. E., Newell, and Miller, assignors.)
Gledhill, Walter, St. Annes, England. Weft feeler device for looms for weaving. 2,151,199; Mar. 21.
Gledhill, William E. (See Gledhill, Edward C. and W. E.)
Gledhill, William E. (See Gledhill, Edward C. and W. E., Newell, and Miller.)
Gleeson, Charley L., North Arlington, N. J. Covering a cylinder roll. 2,162,947; June 20.
Gleiser, Nelson J. (See Ebert, E. A., and Gleiser.)
Gleissner, Paul, Dusseldorf, Germany. Calendering machine. 2,180,046; Nov. 14.
Glekler, John T. (See Sholes, J. G., and Glekler.)
Glemby Company, The. (See Kapelman, Felix, assignor.)
Glemby Company, The. (See Seidner, Leo, assignor.)
Glendenning, Orison D., Arlington, S. Dak. Trousers hanger. 2,171,693; Sept. 5.
Glenn, Clyde O., Verona, and S. F. Cummings, Mazon, Ill. Message holder. 2,174,126; Sept. 26.
Glenn, Howard A., Chicago, Ill. Ice bunker. 2,145,080; Jan. 24.
Glenn, Kenneth B., New Brighton, Pa. Cage for hydraulic transmission. 2,145,872; Feb. 7.
Glenn, Marlow Silver Spring, Md. Footwear traction device. 2,170,138; Aug. 22.
Glenn, Russell P., Abilene, Tex.; J. F. Handy, executor. Headlight system and means. 2,154,842; Apr. 18.
Glenn, Russell P., deceased, by J. F. Handy, executor, assignor to Eureka Steam Engine Company, Abilene, Tex. Rotary engine. 2,176,812; Oct. 17.
Glenn, Samuel J., Toronto, Ontario, Canada. Floor waxing device. 2,155,125; Apr. 18.
Glenn, William J., Ansonia, Conn. Guide for rolling mills and other machines. 2,184,118; Dec. 19.
Glenney, Thomas R., assignor to The Carlyle Johnson Machine Co., Manchester, Conn. Clutch. 2,174,240; Sept. 26.
Glenny, Clarence S., Rockford, Ill., assignor to The Washburn Company, Worcester, Mass. Bicycle basket. 2,143,065; Jan. 10.
Glenny, Robert E., assignor of forty-nine one-hundredths to The East Shore Machine Products Company, Cleveland, Ohio. Expansible broach. 2,184,383; Dec. 26.
Glensky, William E., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Bottle capsule. 2,151,508; Mar. 21.
Glenwood Range Company. (See Wiley, Clarence F., assignor.)
Glezen, Lewis E., assignor to Union Steel Products Company, Albion, Mich. Baker's oven. 2,181,323; Nov. 28.
Glidden, Alfred A., assignor to Hood Rubber Company, Inc., Watertown, Mass. Article of footwear. 2,147,197; Feb. 14.
Glidden, Charles C., Highland Park, assignor to E. H. Perkins, Royal Oak, Mich., and H. R. D. Wilson, Baltimore, Md. Linkage mechanism. 2,168,645; Aug. 8.
Glidden Company, The. (See Dexheimer, Peter D., assignor.)
Glidden Company, The. (See Drapeau, Joseph E., Jr., assignor.)
Glidden Company, The. (See Drapeau, J. E., Jr., and Johnstone, assignors.)
Glidden Company, The. (See Drapeau, J. E., Jr., and Klinker, assignors.)
Glidden Company, The. (See Emmons, Russell J., assignor.)
Glidden Company, The. (See Harper, Walter J., assignor.)
Glidden Company, The. (See Heberer, Albert J., assignor.)
Glidden Company, The. (See Johnstone, James O., assignor.)
Glidden Company, The. (See Levinson, A. A., and Dickinson, assignors.)
Glidden Company, The. (See O'Brien, James J., assignor.)
Glidden Company, The. (See O'Brien, William J., assignor.)
Glidden, Kenneth E. (See Richter, G. A., and Glidden.)
Glinn, Roy J., London, England, assignor to Diamond Power Specialty Corporation Detroit, Mich. Soot blower. 2,142,783; Jan. 3.
Glitsch, Hans C. (See Crickmer, C. S., and Glitsch.)
Globe American Corporation. (See Chester, Alden P., assignor.)
Globe American Corporation. (See Hill, Dewey H., assignor.)
Globe American Corporation. (See Thiem, Carl, assignor.)
Globe Automatic Sprinkler Company. (See Rowley, Arthur C., assignor.)
Globe Corporation. (See Hagstrom, Joseph E., assignor.)
Globe Hoist Company. (See Musgrave, Claude E., assignor.)
Globe Hoist Company. (See Porter, Lewis E., assignor.)
Globe Iron Company. (See Jones, E. A., and Dierker, assignors.)
Globe Oil Tool Company. (See Catland, Alfred C., assignor.)
Globe Oil Tools Company. (See Catland, A. C., assignor, and Howard.)
Globe Slicing Machine Company. (See Waage, John J., assignor.)
Globe Steel Abrasive Company, The. (See Kann, Gustave H., assignor.)
Globe Steel Tubes Co. (See Ihrig, Harry K., assignor.)
Globe-Union Inc. (See Fritz, William H., assignor.)
Globe-Union Inc. (See Lindstrom, Bruce G., assignor.)
Globe-Union Inc. (See Rubinstein, Harry W., assignor.)
Globe-Union Inc. (See Smith, Raymond E., assignor.)
Globe-Union Inc. (See Stoekle, Erwin R., assignor.)
Globe Valve Corporation. (See Schultis, Charles F., assignor.)
Globe-Wernicke Company, The. (See Hearn, Thomas A., assignor.)
Globe-Wernicke Company, The. (See Hearn, T., and McKee, assignors.)
Globe-Wernicke Company, The. (See Link, Forest L. W., assignor.)
Globe-Wernicke Company, The. (See Boland, Earl L., assignor.)
Globe-Wernicke Company. (See Schmitz, Fred A., assignor.)
Globe Wireless Ltd. (See Storm, Hans O., assignor.)
Glomstead, Edwin E., Menasha, Wis., assignor to International Cellucotton Products Company, Chicago, Ill. Sanitary napkin. Re. 21,076; May 9.
Gloor, Walter E., South River, N. J., assignor to Hercules Powder Company, Wilmington, Del. Coating composition. 2,147,697; Feb. 21.
Gloor, Walter E., Highland Park, N. J., assignor to Hercules Powder Company, Wilmington, Del. Increasing the apparent density of chlorinated rubber. 2,182,473; Dec. 5.
Glougie, Bert S., assignor to Baldwin Rubber Company, Pontiac, Mich. Seal. 2,157,983; May 9.
Glove-Union Inc. (See Ehlers, George M., assignor.)
Glover, Edward S., Bristol, Tenn. Timing device. 2,177,102; Oct. 24.
Glover, Edwin, assignor of one-fourth to J. G. Hand, Jackson, Miss. Card holder. 2,181,324; Nov. 28.
Glover, Eloise H., Sanford, N. C. Maternity skirt. 2,157,932; May 9.
Glover, John, Chicago, Ill., assignor by mesne assignments, to Midway Chemical Co., Jersey City, N. J. Cross head for mops. 2,159,145; May 23.
Glover, John, Chicago, Ill., assignor, by mesne assignments, to Midway Chemical Co., Jersey City, N. J. Flexible mop. 2,164,398; July 4.
Glover, Rexford C., Clio, assignor to General Motors Corporation, Detroit, Mich. Making axle housings. 2,170,797; Aug. 29.
Glover, Robert E., assignor to Universal Hydraulic Corporation, Denver, Colo. Support for hollow bodies. 2,151,321; Mar. 21.
Glover, W. T., and Company Limited. (See Beaver, C. J., and Fairfield, assignors.)
Glover, Walter H., Leamington, and G. S. Heaven, Coventry, England, assignors, by mesne assignments, to American Viscose Corporation. Filament of rayon from viscose. 2,170,752; Aug. 22.

Glover, William S. C., Seaford, England. Draining board for sinks. 2,144,183; Jan. 17.
Glowatzki, Ernst, Berlin-Reinickendorf, Germany, assignor to General Electric Company. Electrical measuring system. 2,175,890; Oct. 10.
Glowka, Martin, New York, N. Y. Waterproof spat. 2,151,350; Mar. 21.
Glowka, Martin, New York, N. Y. Waterproof spat. 2,151,351; Mar. 21.
Glowka, Martin, New York, N. Y. Explosion propulsion motor for airplanes. 2,172,103; Sept. 5.
Glück, Hans. (See Frey, A., and Glück.)
Glück, Hans. (See Frey, A., Glück, and Oehme.)
Gluckin, William, New York, N. Y. Brassière. 2,152,629; Apr. 4.
Gluckman, Joseph. (See Drucker, A., and Gluckman.)
Glunz, Fritz, Hanover, Germany. Printing and duplicating machine. 2,167,477; July 25.
Glynn, Edwin A., Lodi, Calif., assignor to Super Mold Corporation of California. Recapping mold. 2,147,339; Feb. 14.
Glynn, Edwin A., assignor to Super Mold Corporation of California, Lodi, Calif. Tire contracting tool. 2,149,395; Mar. 7.
Glynn, Edwin A., assignor to Super Mold Corporation of California, Lodi, Calif. Removing a tire from a vulcanizing mold. 2,184,119; Dec. 19.
Glynn, Henry, Oakland, Calif. Invalid walking support. 2,165,700; July 11.
Gmelin, Walter. (See Fischer, E., and Gmelin.)
Gmelin, Walter. (See Fischer, E., Gmelin, and Huss.)
Gmelin, Walter. (See Fischer, E., Huss, and Gmelin.)
Goalstone, Herman H., assignor to The National Store Fixture Company, Denver, Colo. Method and apparatus for refrigerating perishables. 2,163,031; June 20.
Gobel, Charles, Philadelphia, Pa. Smoke condenser and cooler. 2,146,256; Feb. 7.
Goble Disc Works. (See Goble, William E., assignor.)
Goble, William E., Fowler, Calif, assignor of one-half to Goble Disc Works. Bearing for earth working tools. Re. 21,145; July 11.
Goble, William E., Fowler, Calif. Disk harrow. 2,143,192; Jan. 10.
Goble, William E., Fowler, Calif. Disk bedder. 2,143,193; Jan. 10.
Gochnauer, Marshall, Washington, D. C. Building block. 2,150,828; Mar. 14.
Godard, Walter T. (See Donald, B. L., Molley, and Godard.)
Godat, Edmond, Los Angeles, Calif. Weight control system. 2,156,895; May 2.
Godchaux Sugars, Inc. (See Godchaux, Walter, assignor.)
Godchaux Sugars, Inc. (See McFarland, William E., Jr., assignor.)
Godchaux, Walter, assignor to Godchaux Sugars, Inc., New Orleans, La. Poultry litter and animal bedding. 2,179,591; Nov. 14.
Goddard, Alvin C., Forest Hills, assignor to Toastolator Company, Inc., New York, N. Y. Toasting apparatus. 2,151,695; Mar. 28.
Goddard, Anne, assignor of thirty percent to T. Pacanins, New York, N. Y., and fifteen percent to F. Gomez. Film packet for cameras. 2,150,372; Mar. 14.
Goddard, De Witt R., Riverhead, N. Y., assignor to Radio Corporation of America. Electromechanical drive. 2,184,958; Dec. 26.
Goddard, Edwin G., Lombard, assignor to American Flyer Mfg. Co., Chicago, Ill. Whistle actuating and control means. 2,176,458; Oct. 17.
Goddard, Myron C., Garden City, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,170,403; Aug. 22.
Goddard, Ralph K. (See Fett, F. C., and Goddard.)
Goddard, Robert H., Roswell, N. Mex. Gyroscopic steering apparatus. 2,158,180; May 16.
Goddard, Robert H., Roswell, N. Mex. Delayed action reversing switch. 2,158,181; May 16.
Goddard, Robert H., Roswell, N. Mex. Heat insulating coupling. 2,158,182; May 16.
Goddard, Robert H., Roswell, N. Mex. Steering aircraft. 2,183,311; Dec. 12.
Goddard, Robert H., Roswell, N. Mex. Fuel storage and discharge apparatus. 2,183,312; Dec. 12.
Goddard, Robert H., Roswell, N. Mex. Combustion chamber for aircraft. 2,183,313; Dec. 12.
Goddard, Robert H., Roswell, N. Mex. Gyroscopic apparatus for directing flight. 2,183,314; Dec. 12.
Goddeyne, Leo D. (See Slawson, Edward D., assignor.)
Goddu, Lloyd W., assignor to American Optical Company, Southbridge, Mass. Making lenses. 2,151,509; Mar. 21.
Goddu, Lloyd W., and C. H. Caldwell, assignors to American Optical Company, Southbridge, Mass. Lens abrading machine. 2,179,088; Nov. 7.
Goder, Max, Neuss-on-the-Rhine, Germany. Method and device for the mechanical production of multiple walled paper bags. 2,150,275; Mar. 14.
Godfrey, Edward C., Detroit, Mich. Rack. 2,149,016; Feb. 28.
Godfrey, Edward C., Detroit, Mich. Collapsible tubular container. 2,157,891; May 9.
Godfrey, Edward C., Detroit, Mich. Beverage glass. 2,158,230; May 16.
Godfrey, Edwin H., Wenonah, assignor to Godfrey Manufacturing Corporation, New Brunswick, N. J. Decompression device. 2,183,558; Dec. 19.
Godfrey, Elmore M., Jr., Knoxville, Tenn. Tire tread cutting machine. 2,144,623; Jan. 24.
Godfrey, Joseph R., Concrete, Wash. Adjustable scarifier tooth. 2,160,964; June 6.
Godfrey Manufacturing Corporation. (See Godfrey, Edwin H., assignor.)
Godfrey, Richard, Cheadle Heath, Stockport, England. Controlling the flow of fluids. 2,149,673; Mar. 7.
Godfrey, Truman M., Winchester, Mass., assignor to Lever Brothers Company. Can top label. 2,172,842; Sept. 12.
Godfrey, Truman M., Winchester, Mass., and V. Serbell, Leonia, N. J., assignors to Lever Brothers Company. Finishing shortening. 2,174,364; Sept. 26.
Godfriaux, Louis E., assignor to Gisholt Machine Company, Madison, Wis. Transmission and control. 2,157,892; May 9.
Godfriaux, Louis E., assignor to Gisholt Machine Company, Madison, Wis. Machine tool chuck. 2,158,058; May 16.
Godfriaux, Louis E., assignor to Gisholt Machine Company, Madison, Wis. Machine tool. 2,159,207; May 23.
Goding, Florence L., Brooklyn, N. Y. Envelope for garments. 2,175,387; Oct. 10.
Godley, Charles E., Ferndale, assignor to United Lens Corporation, Detroit, Mich. Head lamp and lens construction. 2,142,964; Jan. 3.
Godowsky, Leopold, Jr. (See Mannes, L. D., and Godowsky.)
Godowsky, Leopold, Jr. (See Mannes, L. D., Godowsky, and Carroll.)
Godsey, Frank W., Jr., North Adams, Mass., assignor to The Safety Car Heating & Lighting Company. Electric regulation. 2,170,193; Aug. 22.
Godsey, Frank W., Jr., North Adams, Mass., assignor to The Safety Car Heating & Lighting Company. Control of parallel operation of generators. 2,179,623; Nov. 14.
Godsoe, William A., Burbank, Calif., assignor to A. Kimball Company, New York, N. Y. Price tag. 2,178,323; Oct. 31.
Godwin, Harry. (See Streckfus, J., Schmidt, and Godwin.)
Godwin, Hiram F., Detroit, Mich., and F. C. Speke, Toledo, Ohio. Lawn mower. 2,152,252; Mar. 28.
Goeb, Rudolph W., Oakland, Calif. Separator. 2,160,498; May 30.
Goeb, Rudolph W., Oakland, Calif. Fishing pole holder. 2,160,499; May 30.
Goebel Aktien-Gesellschaft. (See Köhler, Wilhelm, assignor.)
Goebel, George, and S. A. Chantland, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Sheet moving mechanism for sheet feeders. 2,145,764; Jan. 31.
Goebel, George, and S. A. Chantland, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Sheet feeder. 2,184,296; Dec. 26.
Goecke, Rudolph F., Elyria, Ohio, assignor to The Pfandler Co., Rochester, N. Y. Tank and insulating means therefor. 2,185,026; Dec. 26.
Goeddertz, Henry, Denver, Colo. Trailer. 2,154,810; Apr. 18.
Goehring, Bernard H., assignor to Norton Company, Worcester, Mass. Electrically controlled hydraulic wheel feeding mechanism. 2,151,660; Mar. 21.
Goehring, Bernhard H., assignor to Norton Company, Worcester, Mass. Hydraulic table reciprocating mechanism. 2,161,156; June 6.
Goehring, Francis R., assignor to H. Belfield Company, Philadelphia, Pa. Bypass valve. 2,169,043; Aug. 8.
Goehring, Francis R., assignor to H. Belfield Company, Philadelphia, Pa. Valve. 2,169,044; Aug. 8.
Goeller, Robert A., Larchmont, N. Y. Connector. 2,163,677; June 27.
Goepel, Arthur H., assignor to Scovill Manufacturing Company, Waterbury, Conn. Flush tank utility shelf. 2,170,776; Aug. 22.
Goepfrich, Rudolph A., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,144,019; Jan. 17.
Goepfrich, Rudolph A., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,152,040; Mar. 28.
Goepfrich, Rudolph A., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,152,041; Mar. 28.
Goepfrich, Rudolph A., assignor to Bendix Products Corporation, South Bend, Ind. Compressor for hydraulic brakes. 2,163,874; June 27.
Goepfrich, Rudolph A., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,168,646; Aug. 8.
Goerg, Bernard. (See Daly, R. E., and Goerg.)
Goerg, Bernard, Scarsdale, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Furnace. 2,160,800; May 30.
Goerg, Bernard, Scarsdale, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Heating apparatus. 2,160,801; May 30.
Goerg, Bernard, Scarsdale, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Heating apparatus. 2,160,802; May 30.

Goerg, Bernard, Scarsdale, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Heating apparatus. 2,160,803; May 30.
Goerg, Bernard, Scarsdale, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Heating apparatus. 2,176,586; Oct. 17.
Goerke, Henry, New York, N. Y. Racket. 2,165,701; July 11.
Goerl, Conrad P., Oakland, Calif. Cooking kit. 2,154,305; Apr. 11.
Goerlich, John E. (See Cope, Clifford L., assignor.)
Goerner, Gustave W., et al. (See Koehler, E. F., and Harden, assignors.)
Goertz, Frederick, South Orange, N. J. Drum ball. 2,147,157; Feb. 14.
Goertzen, Julius, assignor of one-half to C. Siver, Twin Falls, Idaho. Butcher block treating implement. 2,178,169; Oct. 31.
Goertzen, William S., Newton, Kans. Fishline float. 2,153,750; Apr. 11.
Goertzen, William S., Newton, Kans. Fishline bob. 2,173,394; Sept. 19.
Goessling, Gerald A., Webster Groves, Mo. Pencil bushing and clip. 2,183,350; Dec. 12.
Goethel, Herbert, Duisburg-Hamborn, and H. Tramm, Oberhausen-Holten, Germany. Producing lubricatin oils. 2,172,441; Sept. 12.
Goettie, Theodore R., Philadelphia, Pa. Roller skate brake. 2,179,592; Nov. 14.
Goettsche, Ruth K., et al. (See Grison, Joseph, assignor.)
Goetz, Emil. (See Jacobs, George, assignor.)
Goetz, Lawrence R. (See Nulsen, M. E., and Goetz.)
Goetz, Maurus T. (See Cook, L. R., and Goetz.)
Goetz, Maurus T., Chicago, Ill., assignor, by mesne assignments, to Teletypesetter Corporation. Automatic control of quadding and centering devices. 2,148,549; Feb. 28.
Goetz, Maurus T., Chicago, Ill., assignor, by mesne assignments, to Teletypesetter Corporation. Tape controlled apparatus. 2,152,641; Apr. 4.
Goetze, Hermann, Burscheid, near Cologne, Germany, assignor to F. W. Goetze, New Brunswick, N. J. Gasket and binding therefor. 2,159,355; May 23.
Goetzel, Claus G. (See Patterson, R. L., and Goetzel.)
Goetzel, Claus G., New York, N. Y., assignor to Hardy Metallurgical Corporation. Manufacture of aluminum alloys. 2,155,651; Apr. 25.
Goetzl, Manlio, Trieste, Italy. Integrating calorimeter. 2,163,730; June 27.
Goff, James M. (See Geddings, Saint J., assignor.)
Goff, Leonard D., and R. O. Monroe, assignors to The Johnson Corporation, Three Rivers, Mich. Condensate return system. 2,153,117; Apr. 4.
Goff, Leonard D., and R. O. Monroe, assignors to The Johnson Corporation, Three Rivers, Mich. Condensate siphon. 2,166,245; July 18.
Goff, Lionel E., Alton, assignor to The Cellulose Research Corporation, East Alton, Ill. Preparation of cellulose derivatives. 2,176,850; Oct. 17.
Goff, Lionel E., Alton, assignor to The Cellulose Research Corporation, East Alton, Ill. Making cellulose derivatives. 2,180,517; Nov. 21.
Goff, Mont, Huntington, W. Va. Switch retainer construction. 2,171,087; Aug. 29.
Goff, William F. (See Bronson, A. E., and Goff.)
Goffaux, Felicien (Felix), deceased, Shreveport, La., by L. D. Goffaux, administratrix, New York, N. Y. Machine for cutting sheet glass. 2,158,900; May 16.
Goffaux, Lydia D., administratrix. (See Goffaux, Felicien (Felix).)
Gofferjé, Eduard. (See Zerweck, W., and Gofferjé.)
Gogan, Joseph, Lakewood, Ohio. End coil reducing machine. 2,145,081; Jan. 24.
Gogan Machine Corporation. (See Andrews, Kinloch D., assignor.)
Goggins, Juil R., Minneapolis, Minn. Triplicate indicating device. 2,179,739; Nov. 14.
Goguen, Charles J., Chicago, Ill. Battery terminal. 2,175,164; Oct. 3.
Goguen, Charles J., Chicago, Ill., and S. S. Stewart, Jr., Flint, Mich. Vent plug terminal. 2,181,182; Nov. 28.
Gohorel, Fernand P., Antony, assignor to Compagnie des Telephones Thomson-Houston, Paris (Seine), France. Remote control system. 2,182,119; Dec. 5.
Goin, George R., Detroit, Mich., assignor to Peninsular Metal Products Corporation. Bending machine. 2,142,443; Jan. 3.
Goines, Albert C. (See Goines, John L., A. C., and C. S.)
Goines, Charles S. (See Goines, John L., A. C., and C. S.)
Goines, John L., A. C., and C. S., Charlotte, N. C. Paper padding or tableting press. 2,169,341; Aug. 15.
Going, George G., Stamford, Conn., assignor to Remington Rand, Inc., Buffalo, N. Y. Typewriting and like machine. 2,148,690; Feb. 28.
Going, George G., Stamford, Conn., assignor, by mesne assignments, to Remington Rand Inc., Buffalo, N. Y. Electric dry shaver. 2,160,965; June 6.
Going, George G., Utica, assignor to Remington Rand, Inc., Buffalo, N. Y. Computing and like machine. 2,172,749; Sept. 12.
Goins, Henry S., Chicago, Ill. Scaffold. 2,153,884; Apr. 11.
Golber, Hyman Eli, and A. Zenone, assignors to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Gravure printing-press doctor blade construction. 2,148,455; Feb. 28.
Gold, Bruce E. (See Gold, Samuel B. and B. E.)
Gold Car Heating & Lighting Company. (See Dearborn, Frank W., assignor.)
Gold, Herman, assignor to Breakstone Bros., Inc., New York, N. Y. Closure means for paper cups. 2,153,041; Apr. 4.
Gold, Jacob, Hollywood, Calif. Cutting device. 2,167,833; Aug. 1.
Gold, Leon, assignor of one-half to M. Krivis, Brooklyn, N. Y. Laminating apparatus. 2,169,975; Aug. 15.
Gold, Nathan, Portland, Oreg. Method and means of making hand-made neckties. 2,150,438; Mar. 14.
Gold, Samuel B. and B. E., Independence, assignors to Weber Engine Company, Kansas City, Mo. Internal combustion engine. 2,154,504; Apr. 18.
Goldacker, Paul. (See Ulrich, H., Saurwein, Goldacker, and Maiser.)
Goldacker, Paul, Dessau-Haideburg, G. Maiser, Dessau, and E. Schmitz-Hillebrecht, Bitterfeld, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Photographic developer. 2,181,941; Dec. 5.
Goldberg, Aaron S., Philadelphia, Pa. Glider. 2,177,616; Oct. 24.
Goldberg, David. (See Goldberg, Samuel and D.)
Goldberg, David D., Springfield, assignor to Chapman Valve Manufacturing Company, Indian Orchard, Mass. Valve operating mechanism. 2,166,840; July 18.
Goldberg, David D., Springfield, assignor to Chapman Valve Manufacturing Company, Indian Orchard, Mass. Valve manufacture. 2,169,525; Aug. 15.
Goldberg, David D., Springfield, assignor to Chapman Valve Manufacturing Company, Indian Orchard, Mass. Valve. 2,169,526; Aug. 15.
Goldberg, David D., Springfield, and A. R. Kligman, assignors to The Automatic Cone Valve Company, Indian Orchard, Mass. Valve apparatus. Re. 20,973; Jan. 10.
Goldberg, David D., Springfield, and A. R. Kligman, assignors to Chapman Valve Manufacturing Company, Indian Orchard, Mass. Valve apparatus. 2,153,885; Apr. 11.
Goldberg, Harry H., Denver, Colo. Casement window. 2,155,483; Apr. 25.
Goldberg, Harry H., Denver, Colo. Weather strip. 2,182,983; Dec. 12.
Goldberg, Herman, Chicago, Ill. Nut tapping machine. 2,166,952; July 25.
Goldberg, Jacob M., Denver, Colo. Shipping case for moving-picture films. 2,151,025; Mar. 21.
Goldberg, Jacob M., Denver, Colo. Film rewind device. 2,182,944; Dec. 12.
Goldberg, Max W., assignor to Modern Equipment Company, Port Washington, Wis. Covered ladle. 2,155,540; Apr. 25.
Goldberg, Max W., assignor to Modern Equipment Company, Port Washington, Wis. Automatic oiler. 2,167,451; July 25.
Goldberg, Maximilian M., assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,167,714; Aug. 1.
Goldberg, Maximilian M., assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,175,346; Oct. 10.
Goldberg, Nathan, Denver, Colo. Spacer for the sides of moving-picture reels. 2,161,157; June 6.
Goldberg, Nathan, Denver, Colo. Spacer for film reels. 2,172,675; Sept. 12.
Goldberg, Samuel and D., Brooklyn, N. Y. Toy punching bag. 2,143,691; Jan. 10.
Goldberg, Solomon L., New York, N. Y. Photocopying machine. 2,148,018; Feb. 21.
Goldberger, Arthur, Vienna, Austria, assignor to A. Liebling, Rockford, Ill. Pocket pyrophoric lighter. 2,162,345; June 13.
Goldblatt, Harvey E., Chicago, Ill. Binder. 2,146,013; Feb. 7.
Goldblum, Henry. (See Richter, J. L., and Goldblum.)
Golden, A. W., et al. (See Berstler, Carl E., assignor.)
Golden, Albert, assignor to Interstate Metal Products Company, Chicago, Ill. Metal cabinet door. 2,162,333; June 13.
Golden, Albert W., et al. (See Shade, Charles F., assignor.)
Golden Glint Company. (See Frew, Russell R., assignor.)
Golden, Louis J., Highland Park, assignor to B and B Shoe Company, Chicago, Ill. Footwear. 2,162,008; June 13.
Golden, Max K., Detroit, Mich. Ignition control for motor vehicles. 2,151,639; Mar. 21.
Golden State Company. (See Peebles, David D., assignor.)
Golden, William H., Pittsburgh, Pa. Continuous drier for wet granular material. 2,177,404; Oct. 24.
Goldenson, Robert M., New York, N. Y. Chair and adjustable table or desk member therefor. 2,146,137; Feb. 7.
Goldenthal, Philip, Brooklyn, N. Y. Powder insufflator. 2,147,158; Feb. 14.

Golder, Boyd E., Utica, N. Y. Heat ray bath. 2,183,883; Dec. 19.
Goldfarb, Abraham R., Bronx, and E. B. Michaels, Brooklyn, N. Y., assignors to Lawrence Richard Bruce, Inc. Heat generating package and waving hair therewith. 2,173,683; Sept. 19.
Goldfarb, Jacob A., Frankfort, Ky., assignor to Union Underwear Company, Inc., Indianapolis, Ind. Reinforcement for undergarments. 2,169,492; Aug. 15.
Goldfield, Edwin R., University Heights, assignor to Picker X-Ray Corporation Waite Manufacturing Division, Inc., Cleveland, Ohio. X-ray tube control means. 2,167,802; Aug. 1.
Goldfinger, Isidoro, Milan, Italy. Electromagnetic latch bolt. 2,156,387; May 2.
Goldhammer, Leo, Munich, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Roll film camera. 2,153,665; Apr. 11.
Goldhammer, Leo, Munich, Germany, assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Photographic camera. 2,177,770; Oct. 31.
Goldhammer, Leo, Munich, Germany, assignor by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Motion picture camera. 2,183,068; Dec. 12.
Goldhammer, Leo, Munich, Germany, assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Camera with exposure meter. 2,183,768; Dec. 19.
Goldin, Shepard J., Brooklyn, N. Y. Illuminated watch clip and mirror. 2,167,109; July 25.
Goldkamp, Otto B., assignor of one-half to San Diego Consolidated Gas and Electric Company, San Diego, Calif. Fluid cleaner. 2,145,047; Jan. 24.
Goldman, Harry, Detroit, Mich. Combined display stand and filing rack. 2,169,095; Aug. 8.
Goldman, Isidore H., Brooklyn, N. Y. Sound recording apparatus. 2,153,751; Apr. 11.
Goldman, Isidore H., Brooklyn, N. Y. Sound recording apparatus. 2,174,226; Sept. 26.
Goldman, Moses, Brooklyn, N. Y. Amusement device. 2,148,346; Feb. 21.
Goldman, Moses, Brooklyn, N. Y. Novel card game. 2,162,428; June 13.
Goldman, Oscar G., San Francisco, Calif. Protective lining and coating of pipes. 2,182,227: Dec. 5.
Goldman, Sam, Brooklyn, N. Y. Battery carrying strap. 2,181,400; Nov. 28.
Goldman, Sylvan N., Oklahoma City, Okla. Combination basket and carriage. 2,155,896; Apr. 25.
Goldmann, Max. (See Dzialoschinsky, V., and Deutschland, assignors.)
Goldmark, Peter C., Brooklyn, assignor to Markia Corporation, New York, N. Y. Sound and television receiving system. 2,155,126; Apr. 18.
Goldmark, Peter C., Brooklyn, assignor to Markia Corporation, New York, N. Y. Television system. 2,173,476; Sept 19.
Goldmark, Peter C., Brooklyn, assignor to Markia Corporation, New York, N. Y. Method and apparatus for televising a picture film. 2,177,365; Oct. 24.
Goldschmid, Kurt. (See Goldschmid, Otto and K.)
Goldschmid, Otto and K., Vienna, Austria. Shuttle. 2,148,938; Feb. 28.
Goldschmidt, Frank P., Sr., Chicago, Ill., assignor to The Ruberoid Co., New York, N. Y. Roofing. 2,144,678; Jan. 24.
Goldschmidt, Martha, Berlin, Germany. Sealing and handle attaching device for packages. 2,179,037; Nov. 7.
Goldschmidt, Max. (See Gaul, Max, assignor.)
Goldschmidt, Max, London, England. Water circulation thermostat. 2,177,937; Oct. 31.
Goldsmith, Alfred N. (See Van Dyck, A. F., and Goldsmith.)
Goldsmith, Alfred N., New York, N. Y. Radio relay and distribution system. 2,155,821; Apr. 25.
Goldsmith, Alfred N., New York, N. Y. Television system. 2,168,566; Aug. 8.
Goldsmith, Alfred N., New York, N. Y. Television control system. 2,172,936; Sept. 12.
Goldsmith, Alfred N., New York, N. Y. Signaling system. 2,181,564; Nov. 28.
Goldsmith, Alfred N., New York, N. Y. Production of still or motion pictures. 2,183,217; Dec. 12.
Goldsmith, Alfred N., New York, N. Y., assignor to Radio Corporation of America. Motion picture apparatus for approach shots. 2,178,228; Oct. 31.
Goldsmith, Bertram J., New York, N. Y. Dyeing apparatus. 2,148,069; Feb. 21.
Goldsmith, Bertram J., New York, N. Y. Dispensing and displaying means for narrow fabrics. 2,181,808; Nov. 28.
Goldsmith, Bertram J., Neshanic, N. J. Counter or table dispensing and display construction. 2,154,268; Apr. 11.
Goldsmith, Bertram J., Neshanic, N. J. Apparatus and method of forming crosses in warp beams and thread windings therefor. 2,176,710; Oct. 17.
Goldsmith, Fred C., Tulsa, Okla., assignor to Phillips Petroleum Company. Pump. 2,148,939; Feb. 28.
Goldsmith, George H., Pawtucket, R. I. Melting, purification, and recovery of metals. 2,151,696; Mar. 28.
Goldsmith, Lester M., assignor to The Atlantic Refining Company, Philadelphia, Pa. Water deaeration. 2,160,856; June 6.
Goldsmith, Robert, Orange, N. J. Garment seam. 2,151,381; Mar. 21.
Goldsmith, Townsend R. (See Anderson, R. G., Ahnell, and Goldsmith.)
Goldsmith, Thomas T., Jr., Montclair, assignor to Allen D. Du Mont Laboratories, Inc., Upper Montclair, N. J. Cathode ray cyclographic bridge balance indicator. 2,162,009; June 13.
Goldsmith, Thomas T., Jr., Montclair, assignor to Allen B. Du Mont Laboratories, Inc., Upper Montclair, N. J. Method and system for television communication. 2,164,176; June 27.
Goldsmith, William M., Cincinnati, Ohio. Furring attachment. 2,181,885; Dec. 5.
Goldson, Milton H., et al. (See Jones, Robert C., assignor.)
Goldstein, Alexander, Chicago, Ill. Calculating device. 2,163,032; June 20.
Goldstein, Arthur, assignor to Eagle Knitting Mills, Inc., Milwaukee, Wis. Cap. 2,143,265; Jan. 10.
Goldstein, Charles, Chicago, Ill. Filing spindle. 2,164,514; July 4.
Goldstein, Charles K., San Francisco, Calif. Safety device for automotive vehicles. 2,159,078; May 23.
Goldstein, George, Oshawa, Ontario, Canada, assignor to General Motors Corporation, Detroit, Mich. Welding electrode. 2,179,693; Nov. 14.
Goldstein, Jack. (See Cohen, A., Morgan, and Goldstein.)
Goldstein, Lewis W., assignor to Lipton Manufacturing Co., Inc., New York, N. Y. Tape dispensing and moistening machine. 2,175,959; Oct. 10.
Goldstein, Maxwell K., Philadelphia, Pa. Color transmission. 2,184,075; Dec. 19.
Goldstein, Morris, Pawtucket, R. I. Rug and filler therefor and producing the same. 2,163,337; June 20.
Goldstein, Sam, Montreal, Quebec, Canada. Machine for cutting fur trimmings for overshoes, slippers, and the like. 2,161,346; June 6.
Goldstine, Hallan E. (See Hansell, C. W., and Goldstine.)
Goldstine, Hallan E. (See Latimer, C. W., Finch, Conklin, and Goldstine.)
Goldstine, Hallan E. (See Usselman, G. L., and Goldstine.)
Goldstine, Hallan E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Phase modulation receiver. 2,165,252; July 11.
Goldstine, Hallan E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Method of and means for modulating wave energy. 2,176,587; Oct. 17.
Goldstine, Hallan E., Rocky Point, N. Y., assignor to Radio Corporation of America. Temperature control device. 2,180,706; Nov. 21.
Goldstine, Hallan E., Rocky Point, N. Y., assignor to Radio Corporation of America. Automatic lighter and display device. 2,182,336; Dec. 5.
Goldsworthy, Albert H., assignors to The Timken Roller Bearing Company, Canton, Ohio. Roller bearing. 2,155,897; Apr. 25.
Goldsworthy, Marion C., Takoma Park, Md., dedicated to the free use of the People in the territory of the United States. Fungicide. 2,177,198; Oct. 24.
Goldthwaite, George R., South Easton, assignor to B. F. Sturtevant Company, Boston, Mass. Grille making apparatus. 2,158,229; May 16.
Goldthwaite, Robert S., assignor to Rutenber Electric Company, Marion, Ind. Heating plate device. 2,164,650; July 4.
Goll, Georg, and E. Helft, Berlin, assignors to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Material and method for the treatment of rubber. 2,181,426; Nov. 28.
Goll, Otto. (See Morschel, H., and Goll.)
Gollmar, Herbert A., Union Township, Union County, N. J., assignor, by mesne assignments, to Koppers Company. Separation and purification of gaseous mixture. 2,163,169; June 20.
Gollmer, Hugo C. (See Cleesattel, Carlos G., assignor.)
Gollnick, Leonard E., Fort Pierce, Fla. Drive connection for mowing machines. 2,148,615; Feb. 28.
Gollwitzer, Walter T., Euclid, assignor, by mesne assignments to Addressograph-Multigraph Corporation, Cleveland, Ohio. Selective printing machine. Re. 21,207; Sept. 19.
Gollwitzer, Walter T., Euclid, assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing machine. Re. 21,208; Sept. 19.
Gollwitzer, Walter T., Euclid, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing device. 2,175,260; Oct. 10.
Goloviznin, Vladimir S., New York, N. Y. Induction coil. 2,179,257; Nov. 7.
Goltz, Gus, assignor of one-half to G. Stebbe, Beausejour, Manitoba, Canada. Automatic water fountain for chickens. 2,150,499; Mar. 14.
Gomez, Florencio, et al. (See Goddard, Anne, assignor.)
Gomez, Greci G. (See Jones, R. N., and Gomez.)
Gompers, Lewis, trustee. (See Ashley, Frank M., assignor.)
Gonano, Otto. (See Farley, W. R., Atherton, and Gonano.)
Gonard, John L., Englewood Cliffs, N. J. Spring suspension. 2,174,320; Sept. 26.
Gong Bell Manufacturing Company, The. (See Allen, Harold D., assignor.)

Gonsalves, John C. (See Sence, Victor, assignor.)
Gonser, Bruce W., assignor to Battelle Memorial Institute, Columbus, Ohio. Age-hardening lead base alloys. 2,148,741; Feb. 28.
Gonser, Bruce W., assignor to Battelle Memorial Institute, Columbus, Ohio. Manufacturing can bodies. 2,177,104; Oct. 24.
Gonseth, Jules E., Jr. (See Peterson, S., and Gonseth.)
González-Rincones, Rafael, New York, N. Y. Angular pillow. 2,149,140; Feb. 28.
Gooch, Claiborne W., Jr., Lynchburg, Va. Feeder for cigarette making machines. 2,181,229; Nov. 28.
Gooch, Guy W., Cedarville, Calif. Buck rake. 2,164,583; July 4.
Gooch, Oley P. (See Maxwell, J. A., Crosthwaite, and Duggan, assignors.)
Good, Frederick C., Philadelphia, Pa. Three carrier mechanism. 2,158,497; May 16
Good, Frederick C., Philadelphia, Pa. Tackle for flat knitting machines. 2,158,498; May 16.
Good, Frederick C., Philadelphia, Pa. Carrier operating mechanism for flat knitting machines. 2,167,478; July 25.
Good, Frederick C., Philadelphia, Pa. Speed reducing and shock absorbing mechanism for full-fashioned knitting machines. 2,174,977; Oct. 3.
Good, John N. (See Hewitt, E. E., and Good.)
Good, Paul E., Riverton, N. J. Tube cleaner motor. 2,154,328; Apr. 11.
Good, Paul E., Riverton, N. J. Rotary compressor. 2,158,933; May 16.
Goodacre, Harold, Newport, R. I. Lawn mower. 2,174,826; Oct. 3.
Goodale, Harold R., Bristol, Conn. Steam radiator valve. 2,146,731; Feb. 14.
Goodale, Harold R., Bristol, Conn. Play shelter. 2,153,081; Apr. 4.
Goodale, Harold R., Bristol, Conn. Valve. 2,177,649; Oct. 31.
Goodale, Uel R., New Suffold, N. Y. Gas burner. 2,170,139; Aug. 22.
Goodall, Arthur W., and O. H. Walters, Runcorn, England, assignors to Imperial Chemical Industries Limited. Stabilization of per compounds. 2,155,704; Apr. 25.
Goodall, Harry D. E. (See Salmond, H. M., Mathisen, Palmer, and Goodall.)
Goodall, Howard W., Aldan, Pa. Hose clamp. 2,166,524; July 18.
Goodall Worsted Company, The. (See Giuseffi, Jerome, assignor.)
Goodbody, Edmund M., Bellerose, assignor to Intertype Corporation, Brooklyn, N. Y. Metal pot for slug casting machines. 2,165,177; July 4.
Goodchap, William A., Claremont, Calif. Vehicle brake mechanism. 2,173,836; Sept. 26.
Goodchild, Frank D., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Indirectly heated cathode. 2,164,913; July 4.
Goodchild, George, Saco, assignor, by mesne assignments, to Saco-Lowell Shops, Biddeford, Maine. Twister ring. 2,145,478; Jan. 31.
Gooddy, John. (See Moncrieff, R. W., and Gooddy.)
Goode, Ronald B., Shreveport, La. Hydraulic pump jack or head. 2,161,922; June 13.
Goodell, Clifford E. (See Cosby, I. R., and Goodell.)
Goodell, I. Welton, assignor to The Bostwick-Goodell Co., Norwalk, Ohio. Venetian-blind bracket. 2,148,264; Feb. 21.
Gooden, Willis A., Beverly, Ohio. Attachment for grain binders. 2,153,461; Apr. 4.
Goodenough, Ernest F., London, England, assignor to Radio Corporation of America. Thermionic valve circuits. 2,168,870; Aug. 8.
Gooder, Clarence H., Scotts, Mich. Truck body. 2,145,926; Feb. 7.
Goodfellow, Frank A., Altoona, Pa. Variable auxiliary exhaust means. 2,176,257; Oct. 17.
Goodhue, Lyle D., Berwyn, Md., dedicated to the free use of the People of the United States. Adhesive for insecticides. 2,146,257; Feb. 7.
Goodhue, Lyle D., Berwyn, Md., dedicated to the free use of the People of the United States of America. Adhesive for insecticides. 2,146,258; Feb. 7.
Goodhue, Lyle D., Berwyn, Md., and C. M. Smith, Washington, D. C.; Dedicated to the free use of the People in the territory of the United States. Sedimentation apparatus. 2,163,000; June 20.
Goodhue, Roy A., Spokane, Wash. Egg dehydrator. 2,166,467; July 12.
Good Humor Ice Cream Company of Los Angeles. (See Hawkins, Elza, assignor.)
Gooding, Frank H., Lodi, and G. N. Everest, Hawthorne, assignors to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Electric cable system. 2,161,413; June 6.
Goodlass Wall & Lead Industries Limited. (See Jones, Brinley, assignor.)
Goodlass Wall & Lead Industries Limited. (See Jones, B., and Wilson, assignors.)
Goodloe, Alfred M., Roanoke, Va., assignor to Metal Textile Corporation, West Orange, N. J. Scouring means. 2,156,494; May 2.
Goodman, Abraham H. (See Morgan, W. L., and Goodman.)
Goodman, Abraham, Brooklyn, N. Y., assignor to Delamere Company, Inc. Hair curler. 2,161,758; June 6.
Goodman, Abraham, Brooklyn, N. Y., assignor to Delamere Company, Inc. Hair curler. 2,161,759; June 6.
Goodman, Emil, assignor, by mesne assignments, to J. E. Johnson, Chicago, Ill. Token or coin handling apparatus. 2,183,611; Dec. 19.
Goodman, H., & Sons, Inc. (See Huppert, William, assignor.)
Goodman, Hugh F., London, assignor to The Aluminum Plant & Vessel Company Limited, Wandsworth, England. Apparatus or plant for treating liquids such as milk. 2,177,248; Oct. 24.
Goodman, Jean, New York, N. Y. Drier for polished nails. 2,184,858; Dec. 26.
Goodman, Joseph, assignor to Automatic Truck Loader Corporation, New York, N. Y. Refuse truck. Re. 20,992; Jan. 31.
Goodman, Joseph P. (See Crowther, G. R., and Goodman.)
Goodman, Leo A., Brooklyn, assignor of one-half to Marcleph & Co. Inc., New York, N. Y. Sausage casing. 2,181,886; Dec. 5.
Goodman, Leo A., Brooklyn, assignor of one-half to Marcleph & Co. Inc., New York, N. Y. Making casings for sausages or other meat products. 2,181,887; Dec. 5.
Goodman Manufacturing Company. (See Bergmann, Ernst R., assignor.)
Goodman Manufacturing Company. (See Cartlidge, Frank, assignor.)
Goodman Manufacturing Company. (See Dooley, R. R., and Brown, assignors.)
Goodman Manufacturing Company. (See Madeira, John R., assignor.)
Goodman Manufacturing Company. (See McCarthy, Timothy F., assignor.)
Goodman Manufacturing Company. (See Packer, Glenn W., assignor.)
Goodman Manufacturing Company. (See Pray, Thomas E., assignor.)
Goodman Manufacturing Company. (See Sloane, William W., assignor.)
Goodman Manufacturing Company. (See Slomer, Joseph J., assignor.)
Goodman Manufacturing Company. (See Wood, Claude O., assignor.)
Goodman, Willard B., Paterson, N. J., and J. M. Miller, assignors to Bendix Aviation Corporation, South Bend, Ind. Carburetor and priming device. 2,148,265; Feb. 21.
Goodnow, Roland J., Northboro, and D. B. Wilson, assignors to Bay State Abrasive Products Company, Westboro, Mass. Manufacture of abrasive wheels. 2,172,243; Sept. 5.
Goodrich, B. F., Company, The. (See Alexander, Claude H., assignor.)
Goodrich, B. F., Company, The. (See Anderson, David R., assignor.)
Goodrich, B. F., Company, The. (See Bedell, James R., assignor.)
Goodrich, B. F., Company, The. (See Brous, Samuel L., assignor.)
Goodrich, B. F., Company, The. (See Brucker, Ferdinand F., assignor.)
Goodrich, B. F., Company, The. (See Cadden, Charles C., assignor.)
Goodrich, B. F., Company, The. (See Collier, William B., assignor.)
Goodrich, B. F., Company, The. (See Collins, Arthur E., assignor.)
Goodrich, B. F., Company, The. (See Crawford, Richard A., assignor.)
Goodrich, B. F., Company, The. (See Dewhirst, H., and Meyer, assignors.)
Goodrich, B. F., Company, The. (See Dieterich, Ernest O., assignor.)
Goodrich, B. F., Company, The. (See Dodge, Howard M., assignor.)
Goodrich, B. F., Company, The. (See Garvey, Benjamin S., assignor.)
Goodrich, B. F., Company, The. (See Gould, Louis P., assignor.)
Goodrich, B. F., Company, The. (See Hall, Charles R., assignor.)
Goodrich, B. F., Company, The. (See Haushalter, Fred L., assignor.)
Goodrich, B. F., Company. (See Holmes, Lenis, assignor.)
Goodrich, B. F., Company, The. (See Homeier, Otto F., assignor.)
Goodrich, B. F., Company, The. (See Hunter, Willson H., assignor.)
Goodrich, B. F., Company, The. (See Jones, Paul C., assignor.)
Goodrich, B. F., Company, The. (See Krotz, Alvin S., assignor.)
Goodrich, B. F., Company, The. (See Leguillon, Charles W., assignor.)
Goodrich, B. F., Company, The. (See Leguillon, C. W., and Homeier, assignors.)
Goodrich, B. F., Company, The. (See Martin, Henry, Jr., assignor.)
Goodrich, B. F., Company, The. (See Mathes, Roger A., assignor.)
Goodrich, B. F., Company, The. (See Matthews, A. T., and Cadden, assignors.)

Goodrich, B. F., Company, The. (See Nathan, T. D., Eakin, and Brucker, assignors.)
Goodrich, B. F., Company, The. (See Paddock, George A., assignor.)
Goodrich, B. F., Company, The. (See Partridge, Edward G., assignor.)
Goodrich, B. F., Company, The. (See Reimel, Samuel R., assignor.)
Goodrich, B. F., Company, The. (See Riley, Ralph E., assignor.)
Goodrich, B. F., Company, The. (See Schick, Edward L., assignor.)
Goodrich, B. F., Company, The. (See Schippel, Henry F., assignor.)
Goodrich, B. F., Company, The. (See Schoenfeld, Frank K., assignor.)
Goodrich, B. F., Company, The. (See Semon, Waldo L., assignor.)
Goodrich, B. F., Company, The. (See Slusher, Frank, assignor.)
Goodrich, B. F., Company, The. (See Taylor, Myron L., assignor.)
Goodrich, B. F., Company, The. (See Waner, Harry E., assignor.)
Goodrich, B. F., Company, The. (See Wellman, Victor E., assignor.)
Goodrich, B. F., Company, The. (See Williams, Herschel V., Jr., assignor.)
Goodrich, B. F., Company, The. (See Winch, Reuben E., assignor.)
Goodrich, Chauncey M., Windsor, Ontario, Canada. Overhead door. 2,151,845; Mar. 28.
Goodrich Electric Company. (See Saaf, Dirk G., assignor.)
Goodrie Cylent Flush Valve Co. (See Goodrie, Joseph J., assignor.)
Goodrie, Joseph J., assignor to Goodrie Cylent Flush Valve Co., Chicago, Ill. Fixed vacuum breaker for flush valves. 2,151,200; Mar. 21.
Goodrum, Charles L., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,165,924; July 11.
Goodrum, Charles L., New York, N. Y., E. E. Hinrichsen, Pasadena, Calif., and L. Keller, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Automatic billing system. 2,165,925; July 11.
Goodstein, Charles B., et al. (See Brownstein, Louis, assignor.)
Goodstein, Charles B., Brooklyn, N. Y. Staple strip and producing the same. 2,154,306; Apr. 11.
Goodstein, Charles B., Brooklyn, N. Y. Stapling and device therefor. 2,161,810; June 13.
Goodwillie, David H. (See Watkins, G. B., and Goodwillie.)
Goodwin, Carl W., Plainfield, N. J., and R. J. Daniels, Whitestone, N. Y., assignors to American Seal-Kap Corporation of Delaware, Wilmington, Del. Method and apparatus for sealing capped containers. 2,156,811; May 2.
Goodwin, Edwin W., New Rochelle, assignor to Dexter Folder Company, New York, N. Y. Sheet-feeding apparatus. 2,170,894; Aug. 29.
Goodwin, Ernest G., Roanoke, Va. Load responsive recoil snubber. 2,180,900; Nov. 21.
Goodwin, George S., and P. Kass, Chicago, Ill. Railway highway-vehicle carrier. 2,159,479; May 23.
Goodwin, H. Newell, et al. (See Timberlake, Journey F., assignor.)
Goodwin, Malcolm L., assignor of fifty-two per cent to P. S. Emery, Culver City, Calif. Electrical switch. 2,157,535; May 9.
Goodwin, Melville J., Needham, Mass., assignor to The Pfaudler Co., Rochester, N. Y. Dye wheel. 2,170,712; Aug. 22.
Goodyear, Charles H., Stockton, assignor to Fibreboard Products Inc., San Francisco, Calif. Display stand. 2,164,454; July 4.
Goodyear, Ellsworth S., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Method in the preparation of progressive-burning smokeless powder, and product thereof. 2,147,698; Feb. 21.
Goodyear, Ellsworth S., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Manufacture of smokeless powder. 2,159,208; May 23.
Goodyear, Ellsworth S., Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Preparation of progressive-burning smokeless powder and product thereof. 2,179,330; Nov. 7.
Goodyear-Zeppelin Corporation. (See Baade, Brunolf C., assignor.)
Gookin, Sylvester L., Quincy, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Fastener inserting machine. 2,182,021; Dec. 5.
Gookin, Sylvester L., Quincy, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Eyeleting machine. 2,183,069; Dec. 12.
Goon, Earl B., Niles, and G. W. Heath, Niles Township, Berrien County, Mich. Valved fluid outlet. 2,181,758; Nov. 28.
Goos, Arthur W., Marquette, and J. S. Owens, asignors to The Dow Chemical Company, Midland, Mich. Photochemical purification of acetic acid. 2,149,765; Mar. 7
Gopperton, Ardath A. (See Sherman, J. Q., Metzner, and Gopperton.)
Gora, Henry. (See Lee B. J. and Gora.)
Gora, Henry, Bridgeport, Conn., assignor to Jenkins Bros., New York, N. Y. Method and apparatus for molding and securing rubber objects to fabric. 2,166,490; July 18.
Gora, Henry Z., assignor to Jenkins Bros., Bridgeport, Conn. Coupling. 2,166,402; July 18.
Gordenier, Robert E., assignor to Brown & Bigelow, St. Paul, Minn. Ashtray. 2,165,544; July 11.
Gordon, Aaron, Berkeley, Calif. Composition and process for preserving wood. 2,149,284; Mar. 7.
Gordon, Charles W., Munster, Ind., assignor, by mesne assignments, to Combustion Engineering Company, Inc. Separating solid matter from a liquid. 2,149,017; Feb. 28.
Gordon, Charles W., Munster, Ind., assignor to Combustion Engineering Company, Inc., New York, N. Y. Drying apparatus. 2,149,018; Feb. 28.
Gordon, Harry J., New York, N. Y. Hose and stocking drier. 2,175,661; Oct. 10.
Gordon, Hiram, and A. C. Rogge, Columbus, Ohio, assignors to Lock-On-Heel Company, Chicago, Ill. Machine for inserting fasteners and forming the heel seat of shoe soles. 2,147,621; Feb. 14.
Gordon, Jack J., Kingsport, Tenn., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Replenishing and supplementing ester and alcohol entrainer content in azeotropic distillation systems. 2,171,550; Sept. 5.
Gordon, Jack J., and A. W. Bright, Kingsport, Tenn., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Azeotropic distillation of aliphatic acids. 2,171,549; Sept. 5.
Gordon, Jack J., and J. H. Zeigler, Kingsport, Tenn., assignors, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Apparatus for extracting. 2,176,899; Oct. 24.
Gordon, James. (See Baggett, R. E., and Gordon.)
Gordon, James H., Jr., Union, N. J., assignor to American Can Company, New York, N. Y. Transfer valve for container-treating machines. 2,172,375; Sept. 12.
Gordon, M. Martin, Chicago, Ill. Container and applicator for cosmetics. 2,158,901; May 16.
Gordon, Neil E., Fayette, Mo., and E. C. Pitzer, Baltimore, Md., assignors to The Chemical Foundation, Incorporated. Producing cadmium selenide. 2,176,495; Oct. 17.
Gordon, Newell T., Schenectady, N. Y., assignor to General Electric Company. Fluorescent sign lamp. 2,177,710; Oct. 31.
Gordon, Sewall & Co. (See Menning, Otto H., assignor.)
Gordon, Solomon, Brooklyn, N. Y. Body carrier for battery hearing aid. 2,146,570; Feb. 7.
Gordon, Verne W., assignor to D. H. Gianni, San Jose, Calif. Packing machine. 2,143,847; Jan. 17.
Gordon, William R., assignor to The Atwood Machine Company, Stonington, Conn. Textile machine. 2,158,611; May 16.
Gordon, William R., assignor to The Atwood Machine Company, Stonington, Conn. Swinging spindle unit for textile machines. 2,158,612; May 16.
Gordon, William R., assignor to The Atwood Machine Company, Stonington, Conn. Spindle driving means for textile machines. 2,176,839; Oct. 17.
Gordon, William R., assignor to The Atwood Machine Company, Stonington, Conn. Spindle stop motion. 2,183,239; Dec. 12.
Gordon, William S., Jr. (See Thompson, W. D., and Gordon.)
Gordon, William S., Jr., North Tonawanda, assignor to Roberts-Gordon Appliance Corporation, Buffalo, N. Y. Fluid fuel burner. 2,183,836; Dec. 19.
Gordon, William T., et al. (See Sleeper, Ned M., assignor.)
Gordonier, Robert E., and H. L. Fischer, assignors to Brown & Bigelow, St. Paul, Minn. Thermometer. 2,153,830; Apr. 11.
Gordy, George B., Jr., Houston, Tex., assignor of one-third to H. W. Dedman and one-third to J. S. Gordy. Slip. 2,143,849; Jan. 17.
Gordy, John S., et al. (See Gordy, George B., Jr., assignor.)
Gore, Herbert C., Scarsdale, G. Kirby, Yonkers, and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Enzyme preparation. 2,164,914; July 4.
Gore, Mary C., New York, N. Y. File guide for nails. 2,179,290; Nov. 7.
Gorey, Helen M., New York, N. Y. Scrubbing machine. 2,181,548; Nov. 28.
Gorfein, David, Lowell, Mass. Radiator drier. 2,151,510; Mar. 21.
Gorgas, Stanley M. (See Cooksey, Otha, assignor.)
Gorger, Leo E., Lexington, Oreg. Implement hitch. 2,181,270; Nov. 28.
Gorham, William R., Shibuya-ku, Tokylo, Japan. Driving gear. 2,159,694; May 23.
Gorham, William R., Shibuya-ku, Tokyo, Japan. Induction motor rotor. 2,159,695; May 23.
Gorick, Frank G., assignor of three-tenths to J. D. Ripp and three-tenths to H. B. Salkovitz, Pittsburgh, Pa. Rail joint. 2,151,026; Mar. 21.

Görik, Josef, assignor to firm Bekk & Kaulen Chemische Fabrik G. m. b. H., Loevenich, near Cologne, Germany. Photomechanical manufacture of printing forms for intaglio printing. 2,159,588; May 23.
Gorleski, Alexander, Leonia, N. J. Fuel mixing device. 2,166,720; July 18.
Görlich, Paul, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photoelectrically responsive layer. 2,168,259; Aug. 1.
Görlich, Paul, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photoelectric cathode. 2,172,164; Sept. 5.
Görlich, Paul, assignor to Zeiss-Ikon Aktiengesellschaft, Dresden, Germany. Photoelectric tube. 2,172,843; Sept. 12.
Gorman, Fay O., East Moline, assignor to Deere & Company, Moline, Ill. Mold fixture. 2,149,339; Mar. 7.
Gorman, Henry B., Belmont, assignor to Compo Shoe Machinery Corporation, Boston, Mass. Manufacture of footwear. 2,145,348; Jan. 31.
Gorman, Henry B., Lynchburg, Va., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Manufacture of footwear. 2,157,982; May 9.
Gorman, James C. (See Rupp, H. E., and Gorman.)
Gorman, Jesse E., assignor to E. L. Kennedy, Oakland, Calif. Refrigerating unit. 2,150,276; Mar. 14.
Gorman, Raymond S., Dormont, and R. E. Graham, Crafton, assignors to C. B. Ferree, Pittsburgh, Pa. Cooling of cylindrical bodies. 2,167,504; July 25.
Gorman, Richard J., and W. J. McInnch, Ottawa, Ontario, Canada. Automobile direction indicator. 2,176,378; Oct. 17.
Gorman-Rupp Company. (See Rupp, Herbert E., assignor.)
Gorman, Thomas J., Jr., Newark, N. J. Machine for attaching bails to cans. 2,154,071; Apr. 11.
Gorman, Thomas J., Jr., Newark, N. J. Attaching bails to cans. 2,176,711; Oct. 17.
Gorman, William D., assignor to H. Brinton Co., Philadelphia, Pa. Knitting machine. 2,159,266; May 23.
Gormley, Clarence H., assignor of one-half to G. A. Rickus, Farmington, Mo. Spark arrester. 2,152,760; Apr. 4.
Gormley, Frank L., Chicago, assignor to The Buda Company, Harvey, Ill. Swivel cap for lifting jacks. 2,165,366; July 11.
Gormley, Frank L., Chicago, assignor to The Buda Company, Harvey, Ill. Hydraulic nozzle tester. 2,183,189; Dec. 12.
Gormley, Frank L., Brookline, Mass., assignor to The Buda Company, Harvey, Ill. Ball-bearing screw and nut for lifting jacks and similar devices. 2,166,106; July 18.
Gormley, Frank L., Chicago, and H. S. Brown, assignors to The Buda Company, Harvey, Ill. Cable reel jack. 2,160,543; May 30.
Gormley, Frank L., Chicago, and H. S. Brown, assignors to The Buda Company, Harvey, Ill. Hydraulic lifting jack. 2,165,367; July 11.
Gorney, Edward A., assignor to R. A. Gorney, Holly, R. F. Gibbs, and M. J. Gilbert, Flint, Mich. Shooting range. 2,146,066; Feb. 7.
Gorney, Rose A., et al. (See Gorney, Edward A., assignor.)
Görnitz, Karl, Teltow, and W. Harnack and O. Wurm, Berlin-Friedrichshagen, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Seed disinfectant composition and making same. 2,145,594; Jan. 31.
Görnitz, Karl, Teltow, and W. Harnack and O. Wurm, Berlin-Friedrichshagen, assignors to Schering-Kahlbaum A. G., Berlin, Germany. Organic mercury compounds and making the same. 2,145,595; Jan. 31.
Görnitz, Karl, Teltow, and W. Harnack and O. Wurm, Berlin-Friedrichshagen, Germany, assignors to Schering Aktiengesellschaft. Organic mercury compound and producing the same. 2,178,099; Oct. 31.
Gorrell, Edmund M., Columbus, Ohio. Combined eraser and pencil. 2,173,361; Sept. 19.
Gorrie, Harvard H., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Control system. 2,179,450; Nov. 7.
Gorrien, John, Minneapolis, Minn. Clock with attachment. 2,162,166; June 13.
Gorshkoff, Alexis S. (See Mascuch, J. J., and Gorshkoff.)
Gorshkoff, Alexis S., New York, N. Y., assignor to Breeze Corporation, Inc., Newark, N. J. Rivet setting device. 2,170,323; Aug. 22.
Gorskey, Elmer J., Milwaukee, Wis. Boat mooring apparatus. 2,155,043; Apr. 18.
Gorsuch, George J., Rochester, N. Y. Combustion apparatus. 2,181,727; Nov. 28.
Gort, Godfrey, assignor to Western Railroad Supply Company, Chicago, Ill. Making electrical connection with railway rails. 2,142,586; Jan. 3.
Gorton, George, Machine Co. (See Henkes, Peter M., assignor.)
Gorton-Pew Fisheries Company. (See Hempel, Herbert, assignor.)
Gorton, Thomas S., Jr., Evanston, Ill. Preparing fish and product thereof. 2,178,787; Nov. 7.
Gorton, Walter T., U. S. Army, Springfield, Mass. Metallic cartridge belt or strip. 2,173,837; Sept. 26.
Goserud, Chester O., St. Paul, Minn. Storm sash fastener. 2,142,690; Jan. 3.
Goserud, Chester O., St. Paul, Minn. Sash holder. 2,164,515; July 4.
Goserud, Chester O., St. Paul, Minn. Sash stay and fastener. 2,167,834; Aug. 1.
Goshen Manufacturing Company. (See Weaver, Earl L., assignor.)
Goshorn, John C., and P. O. Rockwell, Baltimore, Md. Absorbents for hydrogen sulphide. 2,175,190; Oct. 10.
Goskey, Frank J., Euclid, Ohio. Cap. 2,179,719; Nov. 14.
Goslin-Birmingham Manufacturing Company. (See Hunter, Henry M., assignor.)
Goslin-Birmingham Manufacturing Company. (See Sadtler, Philip B., assignor.)
Gosling, Edward P., and F. J. Bittermann, St. Louis, Mo. Fluid pressure clutch. 2,163,033; June 20.
Gosling, Edward P., and F. J. Bitterman, St. Louis, Mo. Fluid pressure brake. 2,163,034; June 20.
Goss, Harry T., deceased, Rutherford, N. J.; M. N. Goss, executrix, assignor to L. N. S. Corporation, New York, N. Y. Fluid dispensing apparatus. 2,173,477; Sept. 19.
Goss, Marie N., executrix. (See Goss, Harry T.)
Goss, Norman P., assignor to The Cold Metal Process Company, Youngstown, Ohio. Sheet metal and manufacture. 2,165,368; July 11.
Goss, Philip S., San Francisco, Calif., assignor to The Phillips Corporation, Portland, Oreg. Primer valve. 2,154,811; Apr. 18.
Goss Printing Press Company, The. (See Crafts, Curtis S., assignor.)
Goss Printing Press Company, The. (See Durham, Hobart N., assignor.)
Goss Printing Press Company, The. (See Foster, Frank A., assignor.)
Goss Printing Press Company, The. (See Harless, Charles A., assignor.)
Goss Printing Press Company, The. (See Krohn, A. J., and Rada, assignors.)
Goss Printing Press Company, The. (See Lembcke, Elmer J., assignor.)
Goss Printing Press Company, The. (See Taylor, Auburn, assignor.)
Gossage, William H. (See Getaz, J. L., and Gossage.)
Gossard, Sarah L., San Diego, Calif. Body support for railroad coach cars. 2,163,198; June 20.
Gossel, Erich, Berlin-Britz, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, (Germany), Lorenzweg, Germany. Bridging condenser for high frequency arrangements. 2,161,289; June 6.
Gosselin, Carl. (See Leffler, C., and Gosselin.)
Gosselin, Eunice I., Raymond, N. H. Child's harness waist. 2,162,948; June 20.
Gosselin, Thomas, Attleboro, Mass., assignor to Swank Products, Inc. Key holder. 2,158,964; May 16.
Gossen, Martin J., Whitefish Bay, Wis. Weather strip and sash balance. 2,158,963; May 16.
Gössler, Dietrich, Heidenheim, Germany. Pressure loaded tank for hydraulic transmissions. 2,161,158; June 6.
Gössler, Dietrich, Heidenheim-on-the-Brenz, Germany, assignor to American Voith Contact Company, Inc., New York, N. Y. Hydraulic drive for vehicles. 2,142,269; Jan. 3.
Gössler, Dietrich, Heidenheim-on-the-Brenz, Germany, assignor to American Voith Contact Company, Inc., New York, N. Y. Hydraulic power plant. 2,158,231; May 16.
Gostin, Belgrave F., and C. E. Neale, Cincinnati, Ohio, assignors to Radio Corporation of America, New York, N. Y. Potential supply means for radio apparatus. 2,152,184; Mar. 28.
Gostkowski, Bedri H., Geneva, Switzerland. Relooping needle for woven and knitted goods. 2,183,716; Dec. 19.
Gothard Manufacturing Company. (See Frost, George W., assignor.)
Gothe, Albrecht, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. High frequency system. 2,160,857; June 6.
Gothe, Albrecht, H. O. Roosenstein, and L. Walter, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Arrangement for coupling high frequency circuits. 2,155,652; Apr. 25.
Gothe, Albrecht, W. Buschbeck, and W. Kautter, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Protection of high frequency lines. 2,165,848; July 11.
Götte, Ernst. (See Kling, W., and Götte.)
Gottesmann, Edward, assignor, by mesne assignments, to Karl Werner Posnansky, Berlin-Charlottenburg, Germany. Sulphurizing organic compounds having unsaturated linkages of an aliphatic character. 2,152,185; Mar. 28.
Gottesmann, Edward, Jerusalem, Palestine, assignor, by mesne assignments, to K. W. Posnansky, New York, N. Y. Production of rubber substitute (factice). 2,184,076; Dec. 19.
Gottfried, John. (See Fry, B. W., and Gottfried.)
Gotthardt, Henry R., assignor to Logan Co. Inc., Louisville, Ky. Article handling apparatus. 2,146,893; Feb. 14.
Göttler, Martin, West Reading, assignor to Berkshire Knitting Mills, Wyomissing, Pa. Knitting machine. 2,169,836; Aug. 15.

Gottlieb, Jacob, New York, N. Y., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,155,484; Apr. 25.
Gottlieb, Joseph, Jersey City, N. J. Bearing. 2,143,551; Jan. 10.
Gottlieb, Manious, Philadelphia, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Governor. 2,177,063; Oct. 24.
Gottlieb, Max E. (See Bosket, Shelby D., assignor.)
Gottlieb, Max E., Cleveland Heights, Ohio. Chapel tent. 2,151,908; Mar. 28.
Gottman, Edwin E., San Diego, Calif. Automobile jack. 2,147,837; Feb. 21.
Gottschalk, Albert O., Bridgewater, Mass. Plotting protractor. 2,178,962; Nov. 7.
Gottschalk, John W., Mfg. Company. (See Grater, Sylvester W., assignor.)
Gottwald, Norman K., Chicago, Ill. Adjustable template means. 2,155,705; Apr. 25.
Götz, Frantisek, Prague, assignor to the firm Limited Company formerly the Skoda Works, Pilsen, Prague, Czechoslovakia. Frictional transmission gearing. 2,164,516; July 4.
Gotz, Richard. (See Pelot, F., and Gotz.)
Goucher, Frederick S. (See Christensen, C. J., Goucher, and Wehe.)
Goudet, Hugo. (See Villem, R., and Goudet.)
Gougar, Joseph A., Chicago, Ill. Emergency siding. 2,155,790; Apr. 25.
Gough, Arthur G. H. (See Ford, F. P., Cope and Gough.)
Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric connector-switch. 2,149,049; Feb. 28.
Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Thermostatically controlled electric heating appliance. 2,154,042; Apr. 11.
Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Thermostatically controlled electric heating appliance. 2,154,043; Apr. 11.
Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric appliance. 2,176,855; Oct. 17.
Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric toaster. 2,177,177; Oct. 24.
Goulard, Alexander, Westfield, N. J. Insect trap. 2,162,502; June 13.
Gould, Alex. (See Rogers, Lester C., assignor.)
Gould Coupler Corporation. (See Barrows, Donald S., assignor.)
Gould & Eberhardt. (See Zimmermann, William F., assignor.)
Gould & Eberhardt. (See Zimmermann, W. F., and Davenport, assignors.)
Gould, Edgar L., assignor to E. E. Fairchild Corporation, Rochester, N. Y. Flower display box. 2,157,954; May 9.
Gould, Frank D., assignor of one-half to A. M. Moore, Oakland, Calif. Valve controlled bottle closure. 2,142,644; Jan. 3.
Gould, George R. (See Spalding, Clarence G., assignor.)
Gould, Jay H., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Polishing machine fixture. 2,151,909; Mar. 28.
Gould, Jay H., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Brake lever safety device. 2,168,567; Aug. 8.
Gould, Lawrence E., et al. (See Elsom, James D., assignor.)
Gould, Leslie A., Bridgeport, Conn., assignor to Radio Inventions, Inc., New York, N. Y. Television apparatus and method. 2,176,856; Oct. 17.
Gould, Louis P., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Lustrous rubber article. 2,149,170; Feb. 28.
Gould, Richard E., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,157,754; May 9.
Gould, Richard E., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,158,540; May 16.
Gould, Richard E., assignor to General Motors Corporation, Dayton, Ohio. Heat insulation. 2,161,037; June 6.
Gould, Robert E., Norris, Tenn. Making ceramic articles. 2,143,003; Jan. 10.
Gould, Robert E., Norris, Tenn. Making ceramic articles. 2,173,107; Sept. 19.
Gould, Stephen G., Kirkwood, assignor to Missouri Portland Cement Company, St. Louis, Mo. Calculator. 2,171,873; Sept. 5.
Gould, Stephen P., and E. O. Whittier, Washington, D. C.; dedicated to the free use of the people in the Territory of the United States. Fiber. 2,167,202; July 25.
Gould, Stephen P., and E. O. Whittier, Washington, D. C., dedicated to the free use of the People in the territory of the United States. Fiber. 2,169,690; Aug. 15.
Gouldbourn, Joseph, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating upon sheet material. 2,169,319; Aug. 15.
Gouldbourn, Joseph, and T. A. Kestell, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,168,568; Aug. 8.
Gouldbourn, Joseph, and T. A. Kestell, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Heel-attaching machine. 2,173,964; Sept 26.
Goulden, Albert B., Los Angeles, Calif. Bracelet attachment. 2,159,079; May 23.
Goulden, Albert B., Los Angeles, Calif. Bracelet attachment. 2,159,080; May 23.
Goulding, Charles E., Sr., Tampa, Fla. Oil burner. 2,154,567; Apr. 18.
Goulds Pumps, Inc. (See Carruthers, Eben H., assignor.)
Goulds Pumps, Inc. (See Mann, John, assignor.)
Goulet, Amedee, New Bedford, Mass. Cleaning device. 2,176,069; Oct. 17.
Goulet, Kenneth W., Detroit, Mich. Gas generator. 2,178,372; Oct. 31.
Gourley, Hillman, Whittier, Calif. Oiling attachment for saws. 2,164,238; June 27.
Gove, Edward L., Cleveland, Ohio. Variable attenuator. 2,167,237; July 25.
Government and the People of the United States of America, The. (See Boyce, Alfred M., assignor.)
Government and the People of the United States of America, The. (See Boyce, A. M., Chandler, and Kimball, assignors.)
Government of the United States. (See Hinman, Wilbur S., Jr., assignor.)
Government of the United States as represented by the Secretary of Commerce, The. (See Diamond, Harry, assignor.)
Government of the United States, as represented by the Secretary of Commerce, and his successors in office. (See Parkhurst, Douglas L., assignor.)
Government of the United States, as represented by the Secretary of the Interior. (See Frazier, Arthur H., assignor.)
Government of the United States, as represented by the Secretary of the Treasury. (See Hudson, C. S., and Richtmyer, assignors.)
Government of the United States of America. (See Katz, S. H., and Burger, assignors.)
Government of the United States of America, as represented by the Secretary of Commerce. (See Stanton, C. I., and Seaquist, assignors.)
Government of the United States of America, as represented by the Secretary of the Navy. (See Shanley, Francis R., assignor.)
Government of the United States of America, as represented by the Secretary of the Treasury. (See Small, L. F., and Fitch, assignors.)
Government of the United States of America, as represented by the Secretary of War, The. (See Holmes, H. B., Blood, and Bell, assignors.)
Government of the United States of America, as represented by the Secretary of War and his successors in office. (See Eroe, Harold S., assignor.)
Government of the United States of America, represented by the Secretary of Commerce. (See Thomas, James L., assignor.)
Government of the United States of America, represented by the Secretary of War. (See Zwald, Adolph, assignor.)
Government of the United States, represented by the Secretary of Commerce, The. (See Dunmore, Francis W., assignor.)
Government of the United States, represented by the Secretary of Commerce. (See Phelps, Francis P., assignor.)
Governors of the University of Toronto, The. (See Scott, David A., assignor.)
Governors of the University of Toronto, The. (See Scott, D. A., and Fisher, assignors.)
Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Manufacture of lubricating oil. 2,158,360; May 16.
Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Manufacture of lubricating oil. 2,158,361; May 16.
Govers, Francis X., Vincennes, Ind., assignor to Indian Refining Company, Lawrenceville, Ill. Solvent refining of hydrocarbon oil. 2,164,769; July 4.
Govoni, Enrico, West Hartford, Conn. Musical instruments. 2,167,359; July 25.
Govoni, John E., East Boston, Mass. Liquid fuel burner. 2,144,052; Jan. 17.
Gow, James T. (See Wise, E. M., and Gow.)
Gow, William G., Belleville, assignor to Gow-Mac Instrument Company, Newark, N. J. Gas cell. 2,171,502; Aug. 29.
Gowans, Floyd D., Wesleyville, Pa., assignor to General Electric Company. Refrigerant distributor for cooling units. 2,182,664; Dec. 5.
Gowell, Ernest E. (See Thompson, W. F., and Gowell.)
Gow-Mac Instrument Company. (See Gow, William G., assignor.)
Goyette, David R., Eldorado Springs, Mo. Adjustable mouthpiece for wind musical instruments. 2,175,191; Oct. 10.
Grab, Anna, et al. (See Kolouch, Emil, assignor.)
Grabau, Martin. (See Land, E. H., and Grabau.)
Grabbe, Edward, Hays, Kans. Smoking device. 2,176,627; Oct. 17.
Graben, Clifford B., assignor to General Mills, Inc., Minneapolis, Minn. Advertising display device. 2,162,915; June 20.

Grabner, Robert, New York, N. Y. Curling apparatus. 2,156,687; May 2.
Grabowski, Gustav. (See Grabowski, Herman and G.)
Grabowski, Herman and G. Grabowski, Cedar Grove, Wis. Molding machine. 2,162,079; June 13.
Grace, John F., Arlington, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Surface condenser. 2,168,902; Aug. 8.
Grace, Ralph C., San Francisco, Calif. Template. 2,165,369; July 11.
Grace, Thomas B., Winnetka, Ill., assignor to Clad Metals Industries, Inc. Producing steel clad with a copper base metal and the product thereof. 2,145,248; Jan. 31.
Gracey, Glen A., Grand Rapids, Mich. Device for deflecting air streams. 2,184,798; Dec. 26.
Grade Crossing Guard Corp. (See Evans, James M., assignor.)
Grade Crossing Guard Corp. (See Miller, William G., assignor.)
Grade, Hans, Bork, Kreis Zauch-Belzig, Germany. Vehicle body. 2,157,075; May 2.
Grade-O-Lite, Inc. (See Templeman, James A., assignor.)
Grady, Charles B., West Orange, N. J. Air conditioning apparatus. 2,170,991; Aug. 29.
Grady, Charles B., West Orange, N. J. Air conditioning. 2,170,992; Aug. 29.
Grady, Charles B., Sky Top, Pa. Air conditioning. 2,170,993; Aug. 29.
Graebner, Otto F., and F. J. Westrope, assignors to The Murray Corporation of America, Detroit, Mich. Window mounting. 2,160,068; May 30.
Graefe, Kurt H., Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Television scanning disk. 2,173,478; Sept. 19.
Graemiger, Benjamin, Zurich, Switzerland. Plant for pulverizing and burning coal. 2,159,849; May 23.
Graenacher, Charles, Riehen, R. Sallmann, Binningen, and H. Johner, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Secondary disazo dyestuffs. 2,152,408; Mar. 28.
Graenacher, Charles, Basel, and R. Sallmann, Arlesheim, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Emulsifiers and producing the same. 2,155,757; Apr. 25.
Graenacher, Charles, Basel, F. Ackermann, Binningen, near Basel, and H. Bruengger, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Derivatives of dyestuffs containing hydroxyl groups and making same. 2,170,262; Aug. 22.
Graenacher, Charles, and J. Meyer, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Benzimidazoles and making same. 2,170,474; Aug. 22.
Graenacher, Charles, Basel, and R. Sallmann, Arlesheim, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Cellulose solutions and making same. 2,179,181; Nov. 7.
Graenacher, Charles, Riehen, and M. Matter, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Printing assistant. 2,184,495; Dec. 26.
Graf, Andrew J., Norwood, and C. L. Schulte, Rossmoyne, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Automatic infeed centerless grinder. 2,147,891; Feb. 21.
Graf, Edwin L. (See Simpson, E. G., and Graf.)
Graf, Elmer J., Roselle Park, assignor to G. B. G. Corporation, Newark, N. J. Illuminated decorative device. 2,155,822; Apr. 25.
Graf, Ernest, assignor to The Electric Storage Battery Company, Philadelphia, Pa. Vent and filling means for storage battery cells. 2,185,102; Dec. 26.
Graf, Frederick, Flushing, N. Y. Camera and focusing means therefor. 2,173,553; Sept. 19.
Graf, Hugo, Gross-Steinheim-on-the-Main, Germany. Freshing-up ink ribbons. 2,155,653; Apr. 25.
Graf, Leo, Cologne-Bickendrof, assignor to K. Werth, Berlin, Germany. Sparking plug. 2,150,500; Mar. 14.
Graf, Oliver, assignor of one-half to A. H. Freie, Washington, Mo. Machine for laying breast covers at the joint between the heel and shoe. 2,156,239; Apr. 25.
Grafe, Paul M., Livingston, N. J. Collapsible tube closure. 2,171,175; Aug. 29.
Graff, August H. (See Cornell, M. L., Graff, and Bennett.)
Graff-Baker, William S., Kensington, London, assignor to The Benjamin Electric Limited, London, England. Cable terminal. 2,151,807; Mar. 28.
Graff, George B., Company. (See Stewart, Robert A., assignor.)
Graff, John H., assignor to The Institute of Paper Chemistry, Appleton, Wis. Illuminator. 2,144,653; Jan. 24.
Graff, Samuel. (See Wagner, Albert, assignor.)
Grafton, Corydon M. (See Bull, A. W., Sloman, and Grafton.)
Graham, Bennie M., Tupelo, Miss. Collapsible bed. 2,168,982; Aug. 8.
Graham, Carl H. (See Biles, Edgar V., assignor.)
Graham, Charles E., Maricopa, Calif. Retaining device. 2,158,116; May 16.
Graham, Charlie A., Apple Springs, Tex. Wrench. 2,185,058; Dec. 26.
Graham, Charlotte, New York, N. Y. Soap holder. 2,156,940; May 2.
Graham, Clarence T., North Attleboro, assignor, by mesne assignments, to Defiance Manufacturing Company, Barrowsville, Mass. Fabric. 2,155,127; Apr. 18.
Graham, Donald P., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone series. 2,152,186; Mar. 28.
Graham, Donald P., South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vat dyestuff of the anthraquinone series and producing the same. 2,167,434; July 25.
Graham, Donald P., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs and dyestuff intermediates of the anthraquinone series. 2,179,551; Nov. 14.
Graham, Donald P., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone series. 2,179,552; Nov. 14.
Graham, Duncan E., Denver, Colo. Scrip cover. 2,157,603; May 9.
Graham, Erwin W., assignor to Burgess Battery Company, Madison, Wis. Air cleaner. 2,180,411; Nov. 21.
Graham, Frank H., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Distributing frame. 2,169,727; Aug. 15.
Graham, Frederick M., Hollidaysburg, Pa. Apparatus for hardening the ends of track rails. 2,182,120; Dec. 5.
Graham, George M., Detroit, assignor to Hinckley-Myers Company, Jackson, Mich. Piston and wrist-pin heater. 2,148,742; Feb. 28.
Graham, George M., Detroit, assignor to Hinckley-Myers Company, Jackson, Mich. Headlight intensity tester. 2,149,285; Mar. 7.
Graham, George M., Detroit, assignor to Hinckley-Myers Company, Jackson, Mich. Ferrule expanding tool. 2,155,542; Apr. 25.
Graham, George M., Detroit, assignor to Hinckley-Myers Company, Jackson, Mich. Apparatus for testing the headlights of motor vehicles. 2,162,010; June 13.
Graham, George M., Detroit, and A. E. Price, assignors to Hinckley-Myers Company, Jackson, Mich. Radius turning gauge. 2,155,541; Apr. 25.
Graham, George M., and C. W. MacMillan, Detroit, assignors to Hinckley Myers Company, Jackson, Mich. Headlight testing apparatus. 2,167,803; Aug. 1.
Graham, Harold, Cleveland, Ohio. Pipe coupling. 2,146,067; Feb. 7.
Graham, Harold E., Pomona, Calif. Receptacle. 2,179,624; Nov. 14.
Graham, Harold J., Boston, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,175,891; Oct. 10.
Graham, Henry C., Coraopolis Heights, Pa. Dowel. 2,174,578; Oct. 3.
Graham, Herbert J., and H. Y. Mageoch, assignors to Electric Service Supplies Company, Philadelphia, Pa. Vehicle signal arm. 2,167,239; July 25.
Graham, Herbert W., and S. L. Case, assignors to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Sensitivity controlled steel and the manufacture thereof. 2,174,740; Oct. 3.
Graham, Howard B. (See Stahmer, Bernhardt, assignor.)
Graham, James B., Mount Lebanon, and R. G. Mayer, Wilkinsburg, Pa., assignors to National Tube Company. Apparatus for aligning, welding, and testing pipe joints. 2,167,886; Aug. 1.
Graham, James B., Mount Lebanon, and R. G. Mayer, Wilkinsburg, Pa., assignors to National Tube Company. Pipe aligning clamp. 2,167,887; Aug. 1.
Graham, James B., Mount Lebanon, and R. G. Mayer, Wilkinsburg, Pa., assignors to National Tube Company. Plug for lining up and welding casing and line pipe. 2,167,896; Aug. 1.
Graham, James E., Needham, and E. M. Lines, Dedham, assignors to Bird & Son, Inc., East Walpole, Mass. Sound-deadening wall and material. 2,160,729; May 30.
Graham, James G., Butte, Mont., assignor to Sullivan Machinery Company. Rock drilling mechanism. 2,183,793; Dec. 19.
Graham, Matthew P. (See Hufferd, G. H., and Graham.)
Graham, Matthew P., G. H. Hufferd, and J. E. Casse, assignors to Crawford Door Company, Detroit, Mich. Door construction. 2,173,684; Sept. 19.
Graham, Maurice H., St. Louis Park, Minn. Apparatus for making coffee infusions. 2,175,727; Oct. 10.
Graham, Maurice H., St. Louis Park, Minn., assignor to McGraw Electric Company, Chicago, Ill. Timed cooker. 2,180,233; Nov. 14.
Graham, Merwin B., Long Beach, Calif. Fishing tool. 2,148,019; Feb. 21.
Graham-Paige Motors Corporation. (See Kishline, Floyd F., assignor.)
Graham Paper Company. (See Nicholas, Henry, assignor.)
Graham, Philip J., assignor to Fosgood Corporation, Leominster, Mass. Hair fastener. 2,170,636; Aug. 22.
Graham, Ralph E. (See Gorman, R. S., and Graham.)
Graham, Robert W., Alcoa, Tenn., assignor to Aluminum Company of America, Pittsburgh, Pa. Metal rolling process. 2,177,711; Oct. 31.
Graham, Thornton G. (See Matthews, Albert T., assignor.)
Graham Transmissions, Inc. (See Jepson, Ivar, assignor.)
Graham Transmissions Inc. (See Madlé, Alain, assignor.)

Graham-White Sander Corporation. (See Frantz, Virgil L., assignor.)
Graham, William. (See Knox, W. H., and Graham.)
Graham, William S., Canton, Ill., assignor to International Harvester Company. Direct connected tractor implement. 2,172,971; Sept. 12.
Graham, William S., Canton, Ill., assignor to International Harvester Company. Harvesting machine for beets and the like. 2,184,422; Dec. 26.
Graham, William S., and J. L. Hipple, Canton, Ill., assignors to International Harvester Company. Tractor implement. 2,171,031; Aug. 29.
Grahek, Frank, Merrittstown, assignor of one-half to J. Petrolo, Republic, Pa. Wood-sawing machine. 2,178,476; Oct. 31.
Grahman, Frederick P., Deland, Fla. Detonator for internal combustion engines. 2,148,458; Feb. 28.
Graichen, Walter W., Methuen, Mass. Smash preventer for looms. 2,148,810; Feb. 28.
Gramann, Heinrich F. M. (See Huenlich, C., and Gramann.)
Gramann, Heinrich F. M., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Marking device for index blanks. 2,154,269; Apr. 11.
Gramann, Heinrich F. M., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,184,914; Dec. 26.
Gramkee, Bruce E. (See Carver, E. K., and Gramkee.)
Gramkee, Bruce E., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin sheets containing tributyrin. 2,184,423; Dec. 26.
Grammer, Allen L., Meadowbrook, assignor to The Curtis Publishing Company, Philadelphia, Pa. Bookmaking apparatus. 2,160,728; May 30.
Grammer, James I., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,168,796; Aug. 8.
Grammes, L. F., & Sons, Inc. (See Weindel, Fred, Jr., assignor.)
Grampp, Albert, New York, N. Y. Seesaw operated vehicle. 2,184,097; Dec. 19.
Granacher, Hugo. (See Lehr, E., and Granacher.)
Granat, Elie, assignor of one-half to Compagnie des Forges et Acieries de la Marine et d'Homecourt, Paris, France. Concordance restoring system for distant control means. 2,160,779; May 30.
Granath, Axel G. (See Christensen, A. C., and Granath.)
Granberg, Bengt, and J. B. Sinderson, assignors to Sundstrand Machine Tool Co., Rockford, Ill. Machine tool. 2,144,735; Jan. 24.
Granberg, Bengt R., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Rotary work support for a machine tool. 2,144,490; Jan. 17.
Granberg, Bengt R., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Machine tool. 2,160,858; June 6.
Granberg, Bengt R., and A. G. Ericson, assignors to Sundstrand Machine Tool Co., Rockford, Ill. Brake mechanism. 2,145,255; Jan. 31.
Granberg, Bengt R., and A. G. Ericson, assignors to Sundstrand Machine Tool Co., Rockford, Ill. Cooling device for machine tools. 2,175,347; Oct. 10.
Granberg, Bengt R., and A. G. Ericson, assignors to Sundstrand Machine Tool Co., Rockford, Ill. Gearing. 2,183,514; Dec. 12.
Grand, Jean F. E., Paris, France. Reinforced crossing of lines. 2,148,940; Feb. 28.
Grand, Jens. (See Jensen, Orla V., assignor.)
Grand Rapids Brass Company. (See Lickteig, Albert F., assignor.)
Grand Rapids Brass Company. (See Roedding, Gordon E., assignor.)
Grand Rapids Fibre Cord Company. (See Nykamp, Louis E., assignor.)
Grand Rapids Hardware Company. (See Viehweger, August, assignor.)
Grand Rapids Store Equipment Company. (See Vanderveld, Anthony, assignor.)
Grand Rapids Store Equipment Company. (See Welch, Kenneth C., assignor.)
Grandfield, Earl M., Boynton, Okla. Shock absorber for drilling machines. 2,147,436; Feb. 14.
Grandone, Peter. (See Smith, H. M., Grandone, and Rall.)
Grandstaff, Otho D., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Power relay. 2,152,042; Mar. 28.
Grandstaff, Otho D., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,159,081; May 23.
Grandy, Jessie P., et al. (See Read, David Y., assignor.)
Graneker, Lillian L., New York, N. Y. Ornamental display device. 2,165,474; July 11.
Granfield, John C., Pittsfield, Mass., assignor to General Electric Company. Electromagnetic induction apparatus and making the same. 2,160,588; May 30.
Granfield, John C., Pittsfield, Mass., assignor to General Electric Company. Apparatus for making strip wound magnetic cores. 2,160,589; May 30.
Grange, Edward A., A. F. Kaptuller, and E. J. Schmidt, assignors to Allied Engineering Company, Chicago, Ill. Wheel. 2,152,684; Apr. 4.
Grange, Edward A., and E. J. Schmidt, assignors to Allied Engineering Company, Chicago, Ill. Wheel. 2,152,685; Apr. 4.
Granger, Elmer E., Reno, Nev. Coffee leacher. 2,164,399; July 4.
Granite City Steel Company. (See White, Francis G., assignor.)
Grannis, L. Bruce. (See Clyne, James B., assignor.)
Granqvist, Carl-Erik, Stockholm, Sweden, assignor to Hazeltine Corporation. Low frequency amplifier. 2,169,837; Aug. 15.
Granqvist, Carl-Erik, Stockholm, Sweden, assignor to Hazeltine Corporation. Frequency-selective network. 2,177,713; Oct. 31.
Granstrom, George W., et al. (See Gulden, Edmond, assignor.)
Grant, Albert E., New York, N. Y., assignor, by mesne assignments, to M. F. Ashley, Boston, Mass. Attachment plug. 2,145,596; Jan. 31.
Grant, Albert E., assignor to Albert T. Otto & Sons, Inc., New York, N. Y., trustee. Electric switch. 2,167,648, Aug. 1.
Grant, Arthur C., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,181,427; Nov. 28.
Grant, Charles H., New Rochelle, N. Y. Variable camber wing. 2,146,014; Feb. 7.
Grant, Chester A., assignor to Gaylord Brothers, Inc., Syracuse, N. Y. Display rack for books and the like. 2,151,269; Mar. 21.
Grant, Chester A., assignor to Gaylord Brothers, Inc., Syracuse, N. Y. Display rack for books and the like. 2,170,994; Aug. 29.
Grant, Edmund G., Pasadena, Calif. Boat. 2,165,545; July 11.
Grant, Edmund G., Pasadena, Calif. Boat. 2,183,017; Dec. 12.
Grant, George F., Washington, D. C. Downspout cutting shears. 2,163,088; June 20.
Grant, George F., Butte, Mont. Hackle for artificial fishing fly and making same. 2,178,301; Oct. 31.
Grant, Henry M., Mount Vernon, N. Y. Unit building construction. 2,154,897; Apr. 18.
Grant, J. D., et al. (See Jones, Charles F., assignor.)
Grant, John. (See Abegg, Walter A., assignor.)
Grant, John. (See Beck, Julius S., assignor.)
Grant, John. (See Blair, Darrell H., assignor.)
Grant, John. (See Erwin, Weldon C., assignor.)
Grant, John. (See Foster, Walter L., assignor.)
Grant, John. (See Santiago, James J., assignor.)
Grant, John, Los Angeles, Calif. Well reaming tool. 2,170,451; Aug. 22.
Grant, John, Los Angeles, Calif. Expansible reamer. 2,170,452; Aug. 22.
Grant, John E. P., Swarthmore, Pa. Switch-actuating mechanism. 2,153,462; Apr. 4.
Grant, Jordan W. (See Irwin, Joseph D., assignor.)
Grant, Robert L., Jr., Atlanta, Ga. Beam-testing machine. 2,158,008; May 9.
Grant, Walter A., Elizabeth, assignor, by mesne assignments, to Carrier Corporation, Newark, N. J. Refrigerant distribution. 2,168,404; Aug. 8.
Grant, William F., Cleveland Heights, Ohio, assignor to Dispenser Products Inc., New York, N. Y. Dispensing device. 2,180,004; Nov. 14.
Grantham, Andrew, White Plains, N. Y. Tapping machine. 2,151,594; Mar. 21.
Grantham, Aubrey B., Douglaston, N. Y. Windshield wiper. 2,168,202; Aug. 1.
Grantham, Charles R., Washington, D. C. Switch and operator therefor. 2,170,715; Aug. 22.
Grantham, Reeves B., and G. L. Gray, Kilgore, Tex. Valve. 2,146,470; Feb. 7.
Grasberger, Boniface A., Richmond, Va. Hen nest. 2,183,320; Dec. 12.
Grass, Heinrich, Berlin, Germany. Clock with a rotating advertising disk. 2,146,138; Feb. 7.
Grassberger, Karl P., West Allis, Wis. Wall fastening. 2,167,176; July 25.
Grassby, George A., Jr., assignor to Kirsch Company, Sturgis, Mich. Metal slat for Venetian blinds. 2,146,816; Feb. 14.
Grasser, Emil, Brooklyn, N. Y. Off-centering device for lens grinding machines. 2,183,962; Dec. 19.
Grasshoff, Albert, Hanover, and W. König, assignors to G. Siegle & Co., G. m. b. H., Stuttgart, Germany. Chromium hydroxide green. 2,156,451; May 2.
Grassmann, Erich, Gelsenkirchen, Germany. Lifting jack. 2,173,685; Sept. 19.
Grassmann, Wolfgang, Dresden-Loschwitz, and H. Schelz, assignors to the firm Studiengesellschaft der Deutschen Lederindustrie G. m. b. H., Dresden, Germany. Depilating hides and skins. 2,155,087; Apr. 18.
Grassmann, Wolfgang, Dresden, and H. Reich, Berlin, Germany. Decomposing scleroproteins and new products obtained thereby. 2,158,499; May 16.
Gratehouse, James G. (See Church, Walter L., assignor.)
Grater, Sylvester W., assignor to John W. Gottschalk Mfg. Company, Philadelphia, Pa. Making a resilient metallic bunch. 2,165,178; July 4.
Gratiot Fixture & Supply Company, The. (See Whitsett, Robert, assignor.)
Gratsinger, Carl. (See Case, C. S., and Gratsinger.)

Grau, Herbert E., and R. K. Hertel, Vernon, assignors to Byron Jackson Co., Huntington Park, Calif. Drilling hook. 2,158,232; May 16.
Graubner, Herman G., New York, N. Y., assignor, by mesne assignments, to Union Carbide and Carbide Corporation. Flashlight. 2,147,368; Feb. 14.
Graubner, Herman G., New York, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Electric switch. 2,151,910; Mar. 28.
Graubner, Herman G., New York, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Flashlight. 2,152,187; Mar. 28.
Graubner, Herman G., New York, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Flashlight. 2,166,682; July 18.
Graubner, Herman G., New York, N. Y., and A. G. Saurwein, Cleveland, Ohio, assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Switch. 2,174,877; Oct. 3.
Grauel, Ernest H. (See Harrison, T. R., Grauel, and Kessler.)
Grauel, Ernest H. (See Klein, M., and Grauel.)
Grauert, Heinz, Stuttgart, Germany. Luminous sign. 2,177,771; Oct. 31.
Graunke, Mabel E., Westpoint, Nebr. Card holder. 2,164,318; July 4.
Grave, William. (See Kingsbury, F. L., and Grave.)
Gravel, Adelard. (See Rivard, Joseph, assignor.)
Graveley, Oscar W., New York, N. Y. Vaginal diaphragm inserter. 2,182,121; Dec. 5.
Gravenstine, George E., assignor to The S. H. Thomson Manufacturing Company, Dayton, Ohio. Roller construction. 2,173,298; Sept. 19.
Graver Tank & Mfg. Co. (See Wilkin, Lester A., assignor.)
Graves, Carl R., and J. C. Stout, Clarion, Iowa. Battery terminal connection clamp. 2,156,013; Apr. 25.
Graves, Edward H. and W. B., Arlington, Tex. Door mounting. 2,167,569; July 25.
Graves, Forrest G., McCook, Nebr. Trailer tongue. 2,142,749; Jan. 3.
Graves, George D. (See Carothers, W. H., and Graves.)
Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of resinous imides of substituted acrylic acids. 2,146,209; Feb. 7.
Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resins. 2,146,210; Feb. 7.
Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resins from aminophenols and formaldehyde. 2,147,789; Feb. 21.
Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyamides. 2,149,286; Mar. 7.
Graves, George D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of polyamides. 2,165,253; July 11.
Graves, John R., Bergenfield, N. J., assignor, by mesne assignments, to The Standard Stoker Company, Inc., New York, N. Y. Stoker. 2,165,098; July 4.
Graves, Mark S., Los Angeles, Calif. Brake control device. 2,152,686; Apr. 4.
Graves, Mark S., Los Angeles, Calif. Brake. 2,181,271; Nov. 28.
Graves, Mary S., Santa Barbara, Calif. Corset. 2,155,485; Apr. 25.
Graves, Walter B. (See Graves, Edward H. and W. B.)
Graviner Manufacturing Company Limited. (See Salmond, Hurbert M., assignor.)
Graviner Manufacturing Company Limited. (See Salmond, H. M., Mathisen, Palmer, and Goodall, assignors.)
Gravirowsky, Pierre. (See Pérébaskine, V., Gravirowsky, and Nikitine.)
Gravity Ladders Limited. (See Boor, Laurence M., assignor.)
Gravley, Charles K., assignor to The Brush Development Company, Cleveland, Ohio. Motion-converting mechanism. 2,149,216; Feb. 28.
Gray, Alvin E., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,150,218; Mar. 14.
Gray, Alvin E., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,153,182; Apr. 4.
Gray, Alvin E., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,156,979; May 2.
Gray, Alvin E., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,165,254; July 11.
Gray, Archie B., Shannon City, Iowa. Expansible building structure. 2,147,892; Feb. 21.
Gray, Daniel M., assignor to Hazel-Atlas Glass Co., Wheeling, W. Va. Composition for liners. 2,181,481; Nov. 28.
Gray, David E., assignor to Corning Glass Works, Corning, N. Y. Conveyer. 2,184,915; Dec. 26.
Gray, Donald E., Teaneck, N. J. Electrolyte and method. 2,162,397; June 13.
Gray, Donald E., Yonkers, N. Y., assignor, by mesne assignments, to Cornell-Dubilier Electric Corporation. Electrolytic condenser and producing same. 2,166,990; July 25.
Gray, Donald E., Yonkers, assignor to Cornell-Dubilier Corporation, New York, N. Y. Electrolytic condenser and making the same. 2,182,376; Dec. 5.
Gray, Edward, Detroit, Mich. Articulated railway truck. 2,152,799; Apr. 4.
Gray, Edward, Detroit, Mich. Double opposed lever engine. 2,166,211; July 18.
Gray, Edward, assignor of one-half to G. Wood, Detroit Mich. Internal combustion engine. 2,167,946; Aug. 1
Gray, Frank, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electro-optical system. 2,150,159; Mar. 14.
Gray, Frank, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electro-optical system. 2,150,160; Mar. 14.
Gray, Frank, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical system. 2,169,179; Aug. 8.
Gray, George L. (See Grantham, R. B., and Gray.)
Gray, Harry Z. (See Mulford, M. R., and Gray.)
Gray, Harry Z., assignor to M. R. Mulford, Lebanon, Ohio. Carton. 2,148,048; Feb. 21.
Gray, Harvey J. (See Brinker, E. L., and Gray.)
Gray, Herbert E., San Jose, Calif. Fruit and vegetable dicing apparatus. 2,157,604; May 9.
Gray, James W., Summit, assignor to Gasoline Products Company, Inc., Newark, N. J. Conversion of hydrocarbon oil. 2,163,306; June 20.
Gray, James W., Mountain Lakes, N. J., assignor to L. De Florez, New York, N. Y. Level column for evaporators and fractionating towers. 2,166,904; July 18.
Gray, James W., Basking Ridge, N. J., and J. S. Walton, Elkton, Mo., assignors to Gasoline Products Company, Inc., Newark, N. J. Treating hydrocarbon oils. 2,178,834; Nov. 7.
Gray, Jesse L., assignor to Armstrong Paint & Varnish Works, Chicago, Ill. Can. 1,154,741; Apr. 18.
Gray, John M. (See Sykes, R. E., and Gray.)
Gray, Joseph H., Elizabeth, N. J., and R. J. Kent, Jamaica, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wire laying machine. 2,155,044; Apr. 18.
Gray, Leven D., Richmond Heights, and R. M. McQuitty, Maplewood, Mo. Apparatus for metering vapors. 2,142,392; Jan. 3.
Gray Manufacturing Company, The. (See Long, George A. and W. W., assignors.)
Gray, Marion H., Little Rock, Ark. Soniferous device. 2,148,347; Feb. 21.
Gray, Martin V., San Francisco, assignor of one-half to W. E. Schendel, Burlingame, Calif. Garment hanger. 2,152,884; Apr. 4.
Gray, Philip P., Forest Hills, and I. Stone, assignors to Wallerstein Company, Inc., New York, N. Y. Beer and preparing same. 2,159,985; May 30.
Gray, Philip P., Forest Hills, and I. Stone, assignors to Wallerstein Company, Inc., New York, N. Y. Producing aqueous oil emulsions. 2,159,986; May 30.
Gray Processes Corporation, The. (See Cooke, H. B., and Mandelbaum, assignors.)
Gray Processes Corporation, The. (See Youker, Malcolm P., assignor.)
Gray, Raymond A., Rock, Kans. Changeable sign. 2,158,902; May 16.
Gray, Reid B. (See Burke, H. E., Frey and Gray.)
Gray, Robert A., Jr., et al. (See Eastin, Rollie R., assignor.)
Gray, Robert L., Brooklyn, N. Y. Envelope. 2,158,233; May 16.
Gray, Russell B., Detroit, Mich. V-pulley. 2,176,335; Oct. 17.
Gray, Thomas C., Evanston, Ill., assignor to Barco Manufacturing Company. Flexible joint. 2,175,752; Oct. 10.
Gray Tool Company. (See Lemley, John, assignor.)
Gray Tool Company. (See Mueller, Robert A., assignor.)
Gray Tool Company. (See Mueller, R. A., and Smith, assignors.)
Gray Tool Company. (See Smith, R., and Mueller, assignors.)
Gray, Walter P., assignor to The Crosley Corporation, Cincinnati, Ohio. Cabinet construction. 2,155,128; Apr. 18.
Graybill, Hershey R., Manheim, assignor to Animal Trap Company of America, Lititz, Pa. Animal trap. 2,178,256; Oct. 31.
Graybrook, Herbert W. (See Allen, J. W., and Graybrook.)
Grayson, Charles J., assignor to Grayson Manufacturing Company, Huntington, W. Va. Illuminating apparatus for ovens or the like. 2,164,239; June 27.
Grayson, Francis O., Coral Gables, Fla. Brake slack take-up mechanism. 2,160,859; June 6.
Grayson Heat Control, Ltd. (See Dynes, Kenneth L., assignor.)
Grayson Heat Control, Inc. (See Grayson, John H., assignor.)
Grayson Heat Control, Ltd. (See Mansky, Fred, assignor.)
Grayson, John H., Lynwood, Calif. Time clock mechanism. 2,145,082; Jan. 24.
Grayson, John H., assignor to Grayson Heat Control, Inc., Lynwood, Calif. Oven heat control. 2,153,886; Apr. 11.

Grayson, John H., Lynwood, Calif. Time clock controlled automatic mechanism. 2,166,683; July 18.
Grayson, John H., assignor to Grayson Heat Control, Ltd., Lynwood, Calif. Thermostatic control device. 2,181,809; Nov. 28.
Grayson Manufacturing Company. (See Grayson, Charles J., assignor.)
Grayson, Ralph P., Brooklyn, N. Y. Gas operated well pump. 2,144,679; Jan. 24.
Graziano, Sam F., and S. J. Cicero, Tampa, Fla. Brake adjuster. 2,153,042; Apr. 4.
Greager, Oswald H., and G. D. Patterson, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cast concrete article having a glossy surface resistant to water spotting, and method of making. 2,143,004; Jan. 10.
Greager, Oswald H., and G. D. Patterson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating compositions 2,149,914; Mar. 7.
Greager, Oswald H., and G. D. Patterson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating compositions 2,149,915; Mar. 7.
Greaker, Josef, Skien, Norway. Artillery type wheel for vehicles. 2,170,404; Aug. 22.
Great Lakes Pipe Line Company. (See Bertnolli, E. C., and Cornell, assignors.)
Great Lakes Steel Corporation. (See Clauss, Julius A., assignor.)
Great Northern Paper Company. (See Whitcomb, William A., assignor.)
Great Southern Box Company. (See Lapara, Anthony, assignor.)
Great Southern Box Company. (See Olivier, Paul E., assignor.)
Great Western Electro-Chemical Company. (See Maier, Charles G., assignor.)
Great Western Sugar Company, The. (See Brown, R. J., Nees, and Carney, assignors.)
Greathouse, Norman R., New York, N. Y. Synchronized theater production. 2,147,648; Feb. 21.
Greaves-Walker, Arthur F., and R. L. Stone, Raleigh, N. C., assignors to Feldspathic Research Corporation, New York, N. Y. Refractory material. 2,155,858; Apr. 25.
Grebe, John J., Midland, Mich. Shock absorber. 2,161,811; June 13.
Grebe, John J., assignor to The Dow Chemical Company, Midland, Mich. Preventing infiltration in wells. 2,152,307; Mar. 28.
Grebe, John J., assignor to The Dow Chemical Company, Midland, Mich. Preventing infiltration in wells. 2,152,308; Mar. 28.
Grebe, John J., and L. C. Chamberlain, assignors to The Dow Chemical Company, Midland, Mich. Drilling wells. 2,146,732; Feb. 14.
Grebe, John J., and S. M. Stoesser, assignors to The Dow Chemical Company, Midland, Mich. Removing metal obstructions from wells. 2,152,306; Mar. 28.
Grebe, John J., assignor to The Dow Chemical Company, Midland, Mich. Treatment of wells. 2,175,081; Oct. 3.
Grebe, John J., Midland, Mich., assignor, by mesne assignments, to Theodore Nagel, New York, N. Y. Producing ethylene from oil. 2,176,962; Oct. 24.
Greco, Louis P., Portland, Oreg. Carton for bottle goods. 2,175,600; Oct. 10.
Greedy, Edward D. (See Hruska, F. J., and Greedy.)
Greegor, Ralph H., and G. B. Renick, Columbus, Ohio, assignors to General Door Corporation, Reno, Nev. Braking mechanism for rolling closures. 2,142,562; Jan. 3.
Greegor, Ralph H., Columbus, Ohio, assignor to General Door Company, Reno, Nev. Truck body and door construction. 2,170,021; Aug. 22.
Greely, Luvan, Sr., South Lebanon, Ohio. Testing device. 2,168,983; Aug. 8.
Green, Aaron S., et al. (See Hunsicker, Clyde L., assignor.)
Green Bay Food Company. (See Kelly, L. J., Mueller, and Brunette, assignors.)
Green, Benjamin F., Sr. (See Johnson, James A., assignor.)
Green, Buford L., Charlotte, N. C. Transmitting apparatus. 2,183,559; Dec. 19.
Green, Charles J. (See Krauss, Harry C., assignor.)
Green, Charles W., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,167,715 Aug. 1.
Green, Charles W., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,176,130; Oct. 17.
Green, Clarence J., assignor to Norton Company, Worcester, Mass. Piston grinding apparatus. 2,179,213; Nov. 7.
Green, Clarence J., assignor to Norton Company, Worcester, Mass. Index mechanism. 2,183,864; Dec. 19.
Green, Clifton F., New Haven, assignor of one-third to A. H. Williams, Milford, and one-third to G. E. Wood, East Haven, Conn. Dolly for dismounting vehicle wheels. 2,170,607; Aug. 22.
Green, Daniel, Company. (See Disch, John E., assignor.)
Green, Earl E. (See Beil, F. F., and Green.)
Green, Earl E., assignor, by mesne assignments, to Curtis Companies Incorporated, Clinton, Iowa. Wall cabinet. 2,166,430; July 18.
Green, Edward W., and G. R. Unthank, London, England. Device for separating oil from water contaminated therewith. 2,175,563; Oct. 10.
Green, Eliot D., San Francisco, Calif. Ridge cutting assembly. 2,177,103; Oct. 24.
Green, Ernest. (See Smith, S. B., and Green.)
Green, Ernest, Writtle, Chelmsford, England, assignor to Radio Corporation of America. Modulated carrier wave transmitter. 2,149,432; Mar. 7.
Green, Ernest, and N. H. Clough, London, England, assignors to Radio Corporation of America. Modulated carrier wave transmitter. 2,183,865; Dec. 19.
Green, Estill I., East Orange, N. J., and W. H. Tidd, White Plains, N. Y., assignors to American Telephone and Telegraph Company. Multiplex telemetering system. 2,165,892; July 11.
Green, Estill I., Short Hills, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 2,182,337; Dec. 5.
Green, Floyd S. (See Adam, F. B., and Green.)
Green, Frederick L., Irvington, N. Y. Device for the removal of burs from metal surfaces. 2,164,741; July 4.
Green, George H., Leicester, England. Jack sinker. 2,179,888; Nov. 14.
Green, George R., Livingston, Wis. Closure fastening device. 2,154,001; Apr. 11.
Green, Harry A., Portland, Oreg. Gluing device. 2,155,011; Apr. 18.
Gresman, Harvey M., assignor to Ferrex Corporation, New York, N. Y. Producing slitted blanks. 2,181,228; Nov. 28.
Green, Isaac H. C. (See Lawson, R. H., and Green.)
Green, Isaac H. C. (See Lawson, R. H., Green, and Cloutier.)
Green, James, Brackenridge Heights, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Polishing block. 2,156,686; May 2.
Green, John H., Little Rock, Ark. Illuminated guide line. 2,162,302; June 13.
Green, John R., Philadelphia, A. E. Krogh, Erdenheim, C. B. Moore, Carroll Park, and R. Ullman, Roslyn, assignors to The Brown Instrument Company, Philadelphia, Pa. Control method and apparatus. 2,153,922; Apr. 11.
Green, John S., Terra Bella, Calif. Reel for gathering standing grain. 2,177,317; Oct. 24.
Green, Leonard, Philadelphia, assignor to Lovell Manufacturing Company, Erie, Pa. Wringer. 2,174,496; Sept. 26.
Green, Lewis J. G., Jackson Heights, N. Y. Camera filter. 2,182,585; Dec. 5.
Green, Lloyd G., Denver, Colo. Gold saver. 2,151,322; Mar. 21.
Green, Louis D., et al. (See Hunsicker, Clyde L., assignor.)
Green, Marcy, New York, N. Y. File wrapper or folder. 2,155,187; Apr. 18.
Green, Martin I., et al. (See Hunsicker, Clyde L., assignor.)
Green, Martin J. (See Leavenworth, F. G., and Green.)
Green, Mason V., assignor, by mesne assignments, to Hayes Electric Manufacturing Company, Lansing, Mich. Magnetic impulse contactor. 2,171,124; Aug. 29.
Green, Maurice L., St. Paul, Minn. Bite rim former. 2,173,879; Sept. 26.
Green, Newton B., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic shutter. 2,165,137; July 4.
Green, Norval H., North Arlington, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electrode mount. 2,150,323; Mar. 14.
Green, Norval H., North Arlington, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Weld splash shield. 2,184,939; Dec. 26.
Green, Raymond V., Fulton, N. Y. Tube cutting machine 2,168,203; Aug. 1.
Green, Robert G. (See Dowdell, R. L., and Green.)
Green, Samuel G., Gray, Ga. Clamp. 2,143,005; Jan. 10.
Green, Samuel G., Gray, Ga. Muzzle attachment for guns. 2,150,161; Mar. 14.
Green, Solomon, I. Spector, and J. Leese, Philadelphia, Pa. Expansion joint. 2,151,911; Mar. 28.
Green, Stanley S. (See Road, R. A., and Green.)
Green, Stanley S., assignor to Duncan Electric Mfg. Co., La Fayette, Ind. Electric meter. 2,149,287; Mar. 7.
Green, Stanley S., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Adjustable damping armature for watt-hour meters. 2,149,288; Mar. 7.
Green, Stanley S., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Watt-hour meter with uniform damping adjustments. 2,149,885; Mar. 7.
Green, Stanley S., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Balancing plate for watt-hour meters. 2,160,416; May 30.
Green, Stanley S., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Polyphase meter case. 2,166,003; July 11.
Green, Stanley S., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Electric meter. 2,167,649; Aug. 1.

Green, Stanley S., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Electric meter. 2,168,290; Aug. 1.
Green, Stanley S., assignor to Duncan Electric Manufacturing Company, La Fayette, Ind. Electric meter. 2,170,753; Aug. 22.
Green, Walker N. (See Cornelius, F. H., and Green.)
Green, Warren T., and C. Brenner, assignors to Mengel Body Company, Louisville, Ky. Knock-down chest. 2,160,653; May 30.
Green, Warren T., Louisville, Ky, assignor to Mengel Body Company (Division of The Mengel Company, Incorporated, Louisville, Ky.). Round corner joint. 2,155,969; Apr. 25.
Green, William A., Jonesboro, Ark., and E. Rolle, New York, N. Y., assignors to Standard Oil Company of California, San Francisco, Calif. Odorizer for natural gas. 2,180,584; Nov. 21.
Green, William H. (See Faires, A. W., Fine, and Green.)
Green, Willie D. T., assignor to The United Wire Works, Limited, Granton, Edinburgh, Scotland. Manufacture of paper-makers' wire cloth. 2,143,552; Jan. 10.
Greenawalt, Elmer J. (See Kinne, E. P., and Greenawalt.)
Greenawalt, John E., Bronxville, N. Y. Fuel burner and fuel combustion. 2,184,861; Dec. 26.
Greenawalt, William E., Denver, Colo. Ore roasting furnace. 2 152,687; Apr. 4.
Greenawalt, William E., Denver, Colo. Metallurgical process. 2,166,759; July 18.
Greenaway, John N., Jr., Hanover, Pa. Winding spindle. 2,177,318; Oct. 24.
Greenbaum, Arthur, Beachmont, assignor to Panther-Panco Rubber Co., Inc., Chelsea, Mass. Making tread members with friction inserts. 2,142,242; Jan. 3.
Greenbaum, Martin, Newark, N. J. Door latching mechanism. 2,149,730; Mar. 7.
Greenbaum, Martin, assignor to Martin Industrial Development Co., Inc., Newark, N. J. Sharpener for cloth cutting machines. 2,149,731; Mar. 7.
Greenbaum, Rudolph. (See Kortum, Robert E., Jr., assignor.)
Greenberg, Charles B., New York, N. Y. Spring bars. 2,157,408; May 9.
Greenberg, Charles B., New York, N. Y. Buckle for straps. 2,168,521; Aug. 8.
Greenberg, David X., et al. (See Vanderpool, Earl L., assignor.)
Greenberg, Elmer H., Philadelphia, Pa. Treating metals. 2,148,020; Feb. 21.
Greenberg, Herman, and P. Morrison, Brooklyn, N. Y. Top cowl vehicle antenna. 2,170,684; Aug. 22.
Greenberg, Otto W., Ocean City, N. J. Electrical amplifier system. 2,169,096; Aug. 8.
Greenblatt, Aaron. (See Korner, M., and Greenblatt.)
Greene, Albert L., Brooklyn, N. Y. Game apparatus. 2,175,892; Oct. 10.
Greene, Edwin D., assignor to Arkell Safety Bag Company, New York, N. Y. Crinkled paper tube and forming same. 2,170,945; Aug. 29.
Greene, Harold L., and R. H. Madden, Syracuse, N. Y. Signaling device. 2,176,794; Oct. 17.
Greene, Henry F., Sr., East Templeton, Mass., assignor to Gardner Tool and Stamping Company. Hub cap. 2,152,253; Mar. 28.
Greene, J. H., et al. (See Wentz, Mark, assignor.)
Greene, Jesse T., assignor of one-half to C. H. Massey, Milledgeville, Ga. Double point ignition set. 2,147,198; Feb. 14.
Greene, John H., Portland, Oreg., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Earth scraper. Re. 21,008; Feb. 21.
Greene, Josephine H., administratrix. (See Hayes, Timothy.)
Greene, Minnie, and L. Udey, El Segundo, Calif. Kitchen utensil. 2,156,014; Apr. 25.
Greene, Omar V. (See De Long, B. H., and Greene.)
Greene, Oscar V., Cleveland Heights, Ohio. Cushioning and preventing creep of rails. 2,149,599; Mar. 7.
Greene, Paul A., Venice, Calif. Faucet attachment. 2,165,926; July 11.
Greene, Thomas W., New York, N. Y., assignor to The Linde Air Products Company. Uniting metal members. 2,174,218; Sept. 26.
Greene, Whitney E., El Paso, Tex. Diesel engine fuel system. 2,146,139; Feb. 7.
Greener, James D., Brooklyn, Miss., dedicated to the free use of the People in the territory of the United States. Implement for root pruning and lifting seedlings. 2,173,742; Sept. 19.
Greenfield Tap and Die Corporation. (See Kuhn, Karl A., assignor.)
Greenleaf, Robert M. (See Palmer, Paul C., assignor.)
Greenleaf, Walter J., Meadville, Pa. Cutting tool. 2,174,741; Oct. 3.
Greenleaf, William H., Chicago, Ill. Weighing scale. 2,181,272; Nov. 28.
Greenlee Bros. & Co. (See Mansfield, Judson H., assignor.)
Greenman, Max H. (See Squire, Harold A. and P. J. A.)
Greenmun, Leo S., Binghamton, N. Y. Lamp. 2,146,181; Feb. 7.
Greensfelder, Bernard S., San Francisco, and M. E. Spaght, Long Beach, assignors to Shell Development Company, San Francisco, Calif. Fractionating mineral oils. 2,160,573; May 30.
Greensfelder, Bernard S., and M. E. Spaght, Martinez, assignors to Shell Development Company, San Francisco, Calif. Refining hydrocarbon oils. 2,162,195; June 13.
Greensfelder, Bernard S., San Francisco, and M. E. Spaght, Wilmington, assignors to Shell Development Company, San Francisco, Calif. Treating gasoline distillates. 2,174,174; Sept. 26.
Greenstein, George, Nassau, N. Y. Shaving instrument and blade therefor. 2,165,046; July 4.
Greenstreet, Clarence B., Elsinore, Calif. Mop wringer. 2,159,523; May 23.
Greenstreet, Clarence B., Elsinore, Calif. Bullet deflecting attachment for firearms. 2,166,468; July 18.
Greentree, Charles D., Schenectady, N. Y., assignor to General Electric Company. Traffic analyzer. 2,181,728; Nov. 28.
Greenup, Harold W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Thermal insulation. 2,157,096; May 9.
Greenview Manufacturing Company. (See Siemund, Herman, assignor.)
Greenwood, Aaron A. (See Siebert, D. W., Greenwood, and Lindquist.)
Greenwood, Dolphice H., Los Angeles, Calif. Return flow check and plug valve. 2,151,098; Mar. 21.
Greenwood, Henry B., and T. S. Fitchett, assignors to F. X. Hooper Company, Inc., Glenarm, Md. Piling delivery. 2,142,243; Jan. 3.
Greenwood, Henry B., assignor to F. X. Hooper Company, Inc., Glen Arm, Md. Heat transfer device for corrugator rolls. 2,170,405; Aug. 22.
Greenwood, Henry B., assignor to F. X. Hooper Company, Inc., Glenarm, Md. Web cut-off. 2,184,522; Dec. 26.
Greenwood, Leuie G., Springfield, Mass. Device for steam heating systems. 2,175,728; Oct. 10.
Greer, Agnes J. R., Morgantown, W. Va. Method and apparatus for pickling coils. 2,176,900; Oct. 24.
Greer, Edward R. (See Behrens, H. J., Bemis, Greer, and Morrison.)
Greer, Edward R., Springfield, Ill., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Door operating mechanism. 2,166,892; July 18.
Greer, J. W., Company. (See Flint, Thomas, assignor.)
Greer, Lanier, Erie, Pa., assignor to General Electric Company. Dynamo-electric machine. 2,183,396; Dec. 12.
Greger, Hebert H., Washington, D. C. Fuel combustion cell. 2,175,523; Oct. 10.
Greger, Herbert H., Washington, D. C., assignor to a board of trustees composed of C. F. Hirshfeld, Detroit, Mich., F. G. Cottrell, Washington, D. C., and R. J. Gaudy, Chicago, Ill. Production of electricity by means of a fuel cell. Re. 21,100; May 30.
Gregg, David, Caldwell, assignor to Eclipse Aviation Corporation, East Orange, N. J. Pump. 2,148,070; Feb. 21.
Gregg, Robert G., New York, and A. E. Wirth, Rutherford, N. J., assignors to Construction Products Corporation, New York, N. Y. Incinerator. 2,161,412; June 6.
Gregg, Tresham D., Leonia, N. J. Fluid compressing and exhausting device. 2,173,330; Sept. 19.
Gregoric, Brand F., assignor to Pneumatic Truck Body Corporation, Detroit, Mich. Pneumatic unloader. 2,179,408; Nov. 7.
Gregoric, Brand F., assignor to Pneumatic Truck Body Corporation, Detroit, Mich. Pneumatic loader. 2,184,384; Dec. 26.
Gregorie, Eugene T., Grosse Ile, assignor to Ford Motor Company, Dearborn, Mich. Motor vehicle construction. 2,153,535; Apr. 11.
Gregory, Alfred T., assignor to Ranger Engineering Corporation, Farmingdale, N. Y. Selective pressure cooling for engines. 2,152,043; Mar. 28.
Gregory, Carey G., Los Angeles, Calif. Desk set. 2,148,941; Feb. 28.
Gregory, Carey G., Los Angeles, Calif. Desk set. 2,177,772; Oct. 31.
Gregory, Carey G., Los Angeles, Calif. Desk set. 2,180,518; Nov. 21.
Gregory, Carl L. (See Terry, P. H., and Gregory.)
Gregory, Carl L., Washington, D. C. Composite photography. 2,164,770; July 4.
Gregory, Charles, Amarillo, Tex. Combination boot and shoe stretching and lengthening device. 2,170,754; Aug. 22.
Gregory, Charles E., Chicago, Ill. Brake. 2,158,624; May 16.
Gregory, Dennis, assignor to A. C. Wickman Limited, Coventry, England. Lathe and other machine tools. 2,165,751; July 11.
Gregory, Ella L., Los Angeles, Calif. Mop. 2,151,425; Mar. 21.
Gregory, George C., Lansing, assignor to D. D. Jones, Gregory, Mich. Basket display rack. 2,148,548; Feb. 28.
Gregory, James, New Kensington, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass cutting apparatus. 2,156,847; May 2.
Gregory, Jesse H., Wheaton, Ill., assignor to American Rock Wool Corporation, Wabash, Ind. Bonded fibrous insulating material. 2,163,567; June 20.
Gregory, Ray K., Berkeley, Calif. Cuticle pencil 2,172,656; Sept. 12.

Gregory, Sherlie E., Aurora, assignor to The Heyer Corporation, Chicago, Ill. Inking mechanism for duplicating machines. 2,162,346; June 13.
Greibach, Emil H., Brooklyn, N. Y. Bone conduction hearing device. Re. 21,030; Mar. 14.
Greider, Harold W., Wyoming, and G. A. Fasold, Cincinnati, Ohio, assignors to The Philip Carey Manufacturing Company. Flexible cement roofing. 2,153,887; Apr. 11.
Greider, Harold W., and H. Marc, Wyoming, Ohio, assignors to The Philip Carey Manufacturing Company. Manufacture of formed bituminous bodies. 2,157,696; May 9.
Greider, Harold W., Wyoming, and G. A. Fasold, Cincinnati, Ohio, assignors to The Philip Carey Manufacturing Company. Bituminized web. 2,159,586; May 23.
Greider, Harold W., Wyoming, and G. A. Fasold, Mount Healthy, Ohio, assignors to The Philip Carey Manufacturing Company. Apparatus for making bituminized webs. 2,159,587; May 23.
Greider, James B., Racine, Wis. Shoe. 2,156,532; May 2.
Greif, Alfred S. (See Rhein, L. R., and Greif.)
Greif, Alfred S., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Regulator and lock for swinging panels. 2,178,753; Nov. 7.
Greif, Edward J., assignor to Borg-Warner Corporation, Chicago, Ill. Machine for forming bottle necks upon sheet metal tubs. 2,170,946; Aug. 29.
Greiner, Anton F., Detroit, Mich. Printing and photographing and material therefor. 2,174,629; Oct. 3.
Greiner, George J., assignor to Continental Can Company Inc., New York, N. Y. Method and apparatus for punching metal sheets. 2,156,015; Apr. 25.
Greiner, Kurt R. (See Geisslinger, R., and Greiner.)
Greiser, Milton W., assignor, by mesne assignments, to Alwin Mfg. Company, Green Bay, Wis. Web dispenser. 2,177,430; Oct. 24.
Greist Manufacturing Company, The. (See Caldwell, Samuel P., assignor.)
Greist Manufacturing Company, The. (See Hinman, George L., assignor.)
Greist Manufacturing Company, The. (See Hinman, G. L., and Balzano, assignors.)
Greitzer, Meyer, Los Angeles, Calif. Furniture pedestal. 2,177,387; Oct. 24.
Grelok, William P. M., Baltimore, Md. Self-preserving semisolid food product from distiller's slop. 2,158,043; May 9.
Grembecki, Elmer C., assignor to Roberts & Porter, Inc., Chicago, Ill. Dampener for printing presses. 2,178,583; Nov. 7.
Gremmel, Henry F., Rutherford, N. J., and H. D. Rice, Barrington, R. I., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Protecting pipe lines. 2,161,036; June 6.
Grenadier Products Inc. (See Habel, Grant E., assignor.)
Greneker, Lillian L., New York, N. Y. Finger-fit implement. 2,151,846; Mar. 28.
Greneker, Lillian L., New York, N. Y. Display figure. 2,165,473; July 11.
Greneker, Lillian L., New York, N. Y. Display structure. 2,165,475; July 11.
Greneker, Lillian L., New York, N. Y. Display head. 2,165,476; July 11.
Greneker, Lillian L., New York, N. Y. Display form. 2,181,325; Nov. 28.
Grenell, Arthur F., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Voltage regulating circuit. 2,154,239; Apr. 11.
Grenert, Edward W., Wooster, Ohio. Ice creeper for automobile tires. 2,144,878; Jan. 24.
Grenier, Joseph O., Vancouver, British Columbia, Canada. Combination dredging, drilling, and pile-driving equipment. 2,153,557; Apr. 11.
Gresham, William F., Alton, assignor to Western Cartridge Company, East Alton, Ill. Control mechanism. 2,152,800; Apr. 4.
Gretener, Max, Baden, Switzerland. Sealing and draft excluding device. 2,146,259; Feb. 7.
Greterman, Lambert L., Santa Monica, Calif. Automatic bolt-up device. 2,162,167; June 13.
Grethe, Theodor, Hamburg, Germany. Improvement of tea free from or poor in caffeine and improved decaffeinized tea. 2,181,549; Nov. 28.
Grether, Ernest F., assignor to The Dow Chemical Company, Midland, Mich. Ethers of glycol mono-aryloxy-acetates. 2,142,125; Jan. 3.
Grether, Ernest F., assignor to The Dow Chemical Company, Midland, Mich. Ethers of glycol mono-aryloxy acetates. 2,142,126; Jan. 3.
Grether, Ernest F., W. R. Shawver, and R. B. Du Vall, assignors to The Dow Chemical Company, Midland, Mich. Ethylene glycol aryloxy-acetates. 2,170,995; Aug. 29.
Grether, Ernest F., W. R. Shawver, and R. B. Du Vall, assignors to The Dow Chemical Company, Midland, Mich. Ethylene glycol di-(aryloxy-acetates). 2,170,996; Aug. 29.
Grether, Ernest F., and R. B. Du Vall, assignors to The Dow Chemical Company, Midland, Mich. Ether-esters of alkoxy-benzoic acids. 2,176,070; Oct. 17.
Gretler, Otto, Zurich, Switzerland, assignor, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Apparatus for continuously feeding a web of fabric in open state into a treating liquid. 2,161,812; June 13.
Gretter, Aloys U., Chicago, Ill. Clothesline holder. 2,152,547; Mar. 28.
Grettie, Donald P., assignor to Industrial Patents Corporation, Chicago, Ill. Gelatin treatment. 2,158,117; May 16
Gretsch, Fred, Manufacturing Co., The. (See Gladstone, William D., assignor.)
Greulich, Frank C., Dayton, Ohio. Flexible coupling device. 2,174,342; Sept. 26.
Greulich, Gerald G., Mount Lebanon, Pa. Metallic piling. 2,151,847; Mar. 28.
Greulich, Gerald G., Mount Lebanon, Pa. Self-tightening clip for applying sheathing to metallic members. 2,162,303; June 13.
Greulich, Gerald G., Mount Lebanon, Pa. Protected bearing pile. 2,164,108; June 27.
Greulich, Gerald G., Mount Lebanon, Pa. Bearing pile construction. 2,165,190; July 4.
Greulich, Gerald G., Mount Lebanon, Pa. Structural joist or nailer stud. 2,167,835; Aug. 1.
Greulich, Gerald G., Mount Lebanon, Pa. Heavy nailer joist. 2,167,836; Aug. 1.
Greulich, Gerald G., Pittsburgh, Pa. Double tapered steel post. 2,176,530; Oct. 17.
Greulich, Gerald G., Mount Lebanon, Pa. Combination floor and ceiling housing unit. 2,177,036; Oct. 24.
Greune, Heinrich, and M. Thiele, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Preparing dyestuff sulphonic acids of the dioxazine series. 2,143,598; Jan. 10.
Greussner, Edwin, Brooklyn, N. Y. Razor. 2,149,995; Mar. 7.
Greve, Edgar E., assignor to Oil Well Supply Company, Dallas, Tex. Oil bath rotary. 2,171,176; Aug. 29.
Greve, Herman L., Hollis, N. Y. Carton. 2,181,483; Nov. 28.
Greve, Herman L., Hollis, assignor to International Mailing Tube and Wrapper Company, Long Island City, N. Y. Carton. 2,148,021; Feb. 21.
Greve, Herman L., Hollis, assignor to International Mailing Tube and Wrapper Company, Long Island City, N. Y. Carton. 2,159,737; May 23.
Greve, Herman L., Hollis, assignor to International Mailing Tube and Wrapper Company, Long Island City, N. Y. Carton. 2,164,517; July 4.
Greve, Herman L., Hollis, assignor to International Mailing Tube and Wrapper Company, Long Island City, N. Y. Fibroid case. 2,181,482; Nov. 28.
Grey Iron Casting Company. (See Schmidt, Samuel S., assignor.)
Grey, Ralph E. (See Phillips, E. C., Aspelin, and Grey.)
Gribbin, Treney P., San Antonio, Tex. Ear and forehead protector. 2,159,435; May 23.
Grice, Fred W., Girard, Ohio. Direction signal. 2,175,289; Oct. 10.
Gricks, Rudolph, New York, N. Y. Colostomy apparatus. 2,154,202; Apr. 11.
Griebling, Edward W., Freehold, N. J. Saw guard. 2,183,675; Dec. 19.
Griebsch, Franz, Dessau, assignor to T. Junkers, Ganting, near Munich, Germany. Composite sheet metal wall structure. 2,158,234; May 16.
Grieder & Cie. (See Siber, Hans, assignor.)
Griem, Walter B. (See Hart, E. B., Griem, and Clifcorn.)
Grier, Homer H., New Holland, Ga. Idler gear mechanism for looms. 2,147,027; Feb. 14.
Griesbacher, Hans, Taunton, Mass. Plant protector. 2,171,397; Aug. 29.
Grieshaber, Eugene. (See Prensky, H. N., and Grieshaber.)
Griese, William B., assignor to The Crosley Corporation, Cincinnati, Ohio. Refrigerator unit testing. 2,169,605; Aug. 15.
Griesedieck, William A., St. Louis, Mo. Leg brace for folding tables. 2,183,070; Dec. 12.
Griesemer, David E. (See Hardgrove, R. M., and Griesemer.)
Griesemer, John C., Reading, Pa. Fluid dispensing device. 2,152,588; Mar. 28.
Grieshaber, Eugene. (See Prensky, H. N., and Grieshaber.)
Griessbach, Robert. (See Zirngibl, H., and Griessbach.)
Grieten, Frederick M., Miami, Fla. Fishing reel. 2,153,923; Apr. 11.
Grieve, George T. W., assignor to Callender's Cable and Construction Company Limited, London, England. Press for the extrusion of lead and other metals. 2,171,062; Aug. 29.
Griffin, Alvah M., Los Angeles, Calif. Floating deck structure for oil storage tanks. 2,148,811; Feb. 28.
Griffin, Alvin G., Pittsburgh, Pa. Glider. 2,181,326; Nov. 28.
Griffin, Baldwin, New York, N. Y. Alarm device. 2,180,047; Nov. 14.
Griffin, Cecil M., Pittsburgh, Pa. Tube cleaner. 2,170,997; Aug. 29.
Griffin, George H., San Francisco, Calif., assignor to Link-Belt Company. Take-up. 2,148,691; Feb. 28.
Griffin, Patrick J., Sydney, Nova Scotia, Canada. Container holder. 2,161,347; June 6.

Griffin, Walter S., Jr., W. A. Harris, and D. H. Wallace, Jr., Greenville, S. C. Garbage can. 2,160,433; May 30.
Griffin, Herbert, Jersey City, N. J., and H. F. Heidegger, Brooklyn, assignors to International Projector Corporation, New York, N. Y. Framing device for motion picture mechanism. 2,174,579; Oct. 3.
Griffin, James H. (See Waldron, F. B., and Griffin.)
Griffin, James H., St. Helens, assignor to Pilkington Brothers Limited, Liverpool, England. Glass grinding tool. 2,179,740; Nov. 14.
Griffin Wheel Company. (See Vial, Frederick K., assignor.)
Griffin, William M. (See Jauch, R. J., Sturm, and Griffin.)
Griffins, Morris E. (See Saunders, N. H., and Griffins.)
Griffith, Arthur L., Baltimore, Md., assignor to Winchester Manufacturing Company, Frederick C. Stauffen. Inhaling device. 2,142,353; Jan. 3.
Griffith, Carroll L. (See Hall, L. A., Griffith.)
Griffith, Carroll L., assignor to the Griffith Laboratories, Inc., Chicago, Ill. Manufacture of protein composition. 2,155,417; Apr. 25.
Griffith, Carroll L., and L. A. Hall, assignors to The Griffith Laboratories, Inc., Chicago, Ill. Edible dusting powder. 2,144,371; Jan. 17.
Griffith, Carroll L., and L. A. Hall, assignors to The Griffith Laboratories, Inc., Chicago, Ill. Inhibited detergent composition. 2,155,045; Apr. 18.
Griffith, Carroll L., and L. A. Hall, assignors to The Griffith Laboratories, Inc., Chicago, Ill. Inhibited detergent composition. 2,155,046; Apr. 18.
Griffith, Carroll L., and L. A. Hall, Chicago, Ill., assignors to The Griffith Laboratories, Inc. Composition of matter. 2,171,428; Aug. 29.
Griffith, Charles A., deceased, Knoxville, by D. E. Griffith, executor and trustee, Pruden, Tenn. Interlocking door structures for mine cars and like purposes. 2,170,998; Aug. 29.
Griffith, Charles H., Miami, Fla. Fishline releaser. 2,184,589; Dec. 26.
Griffith, Clement P., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Air release mechanism for dispensing apparatus. Re. 21,186; Aug. 29.
Griffith, Clement P., assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Thermostatic control for fluid meters. 2,151,201; Mar. 21.
Griffith, Donald E., executor and trustee. (See Griffith, Charles A.)
Griffith, Harvey J., Denver, Colo. Board game and apparatus therefor. 2,176,258; Oct. 17.
Griffith-Hope Company. (See Hope, Samuel N., assignor.)
Griffith-Hope Company. (See Hope, S. N., and West, assignors.)
Griffith Laboratories. (See Griffith, Carroll L., assignor.)
Griffith Laboratories, Inc., The. (See Griffith, C. L., and Hall, assignors.)
Griffith Laboratories, Inc., The. (See Hall, Lloyd A., assignor.)
Griffith Laboratories, Inc., The. (See Hall, L. A., and Griffith, assignors.)
Griffith Laboratories, Inc., The. (See Jones, W. Bartlett, assignor.)
Griffith Laboratories, Inc., The. (See Komarik, Stephan L., assignor.)
Griffith, Leigh M., Los Angeles, Calif., assignor to P. L. Scott, Chicago, Ill. Variable volume internal combustion engine. 2,154,505; Apr. 18.
Griffith, Le Roy A., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Motor control system. 2,150,117; Mar. 7.
Griffith, Melvin J., Miami, Fla. Louver type window. 2,164,814; July 4.
Griffith, Ralph R., St. Paul, Minn. Bath cloth and holder. 2,172,676; Sept. 12.
Griffith, Roland H., and B. Crawley, assignors to The Gas Light & Coke Company, London, England. Treatment of combustible gases. 2,152,473; Mar. 28.
Griffith, Rolland C., Schenectady, N. Y., assignor to General Electric Company. Protective means for hot-cathode rectifiers. 2,158,934; May 16.
Griffith, Ronald G., Upper Warlingham, assignor to Creed and Company Limited, Croydon, Surrey, England. Translating mechanism. 2,167,505; July 25.
Griffith, William B., Audubon, N. J. Sprinkler head. 2,165,477; July 11.
Griffiths, Alfred, Liverpool, England. Washing or cleaning tumblers and like articles. 2,150,602; Mar. 14.
Griffiths, Daniel, Pittsburgh, Pa. Trestle. 2,177,431; Oct. 24.
Griffiths, Gwyn, Durham, N. C. Air conditioning apparatus. 2,171,088; Aug. 29.
Griffiths, James G., New Kensington, assignor of one-half to E. P. Mellon, II, Pittsburgh, Pa. Apparatus for thawing water hydrants or the like. 2,172,082; Sept. 5.
Griffiths, John B., and A. Brown, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Railway signal control system. 2,182,122; Dec. 5.
Griffiths, Septimus H., Canton, Ohio. Casting, self-stripping and rapid-cooling steel ingots. 2,169,797; Aug. 15.
Grigas, Anthony, Worcester, Mass. Transparent stove lid. 2,172,469; Sept. 12.
Grigg, William, assignor to Paper Novelties Limited, London, England. Bonbon cracker. 2,142,894; Jan. 3.
Griggs, Ernest L., Jr., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Method and apparatus for winding. 2,170,194; Aug. 22.
Griggs, John O., Lakewood, and B. H. Leeks, Bedford, Ohio. Furnace construction. 2,155,418; Apr. 25.
Grignolo, Juvenal, San Francisco, Calif. Fruit picker. 2,155,543; Apr. 25.
Grignolo, Juvenal, San Francisco, Calif. Pick-up device. 2,172,507; Sept. 12.
Grigsby, Marion W., Chicago, Ill. Shirt. 2,155,706; Apr. 25.
Grill, Harry E., Willoughby, and H. H. Feldstein, assignors to The Kilby Manufacturing Company, Cleveland, Ohio. Sugar crystallizing apparatus. 2,153,082; Apr. 4.
Grimditch, William H., Rydal, J. M., Bowman, Philadelphia, and L. B. Glaser, Drexel, assignors to Philco Radio and Television Corporation, Philadelphia, Pa. Tuning device for radio receivers or the like. 2,151,595; Mar. 21.
Grimes, Charles P. (See Bretzlaff, W. H., and Grimes.)
Grimes, Clinton A., Philadelphia, Pa. Storm shield for windows. 2,153,798; Apr. 11.
Grimes, David, Beverly, N. J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Construction and manufacture of radio receivers. 2,168,984; Aug. 8.
Grimes, Thaddeus S., assignor to Lummus Cotton Gin Company, Columbus, Ga. Automatic lift for cotton presses. 2,171,724; Sept. 5.
Grimm, Hans G., Heidelberg, and F. Schamberger, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Coating composition. 2,161,290; June 6.
Grimmer, John F., et al. (See Knapp, Joseph H., assignor.)
Grimson, Samuel B., assignor to Color Research Corporation, New York, N. Y. Diffraction method of and apparatus for color photography. 2,164,062; June 27.
Grimson, Samuel B., New York, and L. Lipp, Flushing, assignors to Color Research Corporation, New York, N. Y. Method of and apparatus for color photography. 2,154,898; Apr. 18.
Grindle, Aubrey J., Chicago, assignor to A. F. Pitzner, Winnetka, Ill. Melting apparatus. 2,184,297; Dec. 26.
Grindrod, George, Oconomowoc, Wis. Sterilizing apparatus. 2,170,195; Aug. 22.
Grindrod, George, Oconomowoc, Wis. Sterilizing food products. 2,170,196; Aug. 22.
Gringer, Rose. (See Davey, John E., assignor.)
Grinnell, Albert A. (See Whedon, L. S., and Grinnell.)
Grinnell, Albert A. (See Whedon, L. S., Grinnell, and Rousseau.)
Griplock, Inc. (See Hall, Edwin S., assignor.)
Grisdale, George W., assignor to Republic Flow Meters Company, Chicago, Ill. Measuring instrument. 2,160,266; May 30.
Grisdale, George W., assignor to Republic Flow Meters Company, Chicago, Ill. Recorder mechanism. 2,182,123; Dec. 5.
Grisdale, Richard O., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical device. 2,143,414; Jan. 10.
Grishkevich, Max, Gary, Ind. Adjustable screen and window for automobiles. 2,150,829; Mar. 14.
Grison, Joseph, Braintree, Mass., assignor of seven-eightieths to P. J. Ansel, three-eightieths to M. E. Ansel, one-twentieth to F. J. Barnum and C. A. Dolbier, one-fortieth to J. J. Logan, one-twentieth to H. B. Logan, one-one-hundredth to L. R. Andrus, three-fortieths to C. C. Wright and C. W. Wright, and one-fortieth to R. K. Goettsche, New York, N. Y. Automatic fire detector, alarm, and extinguisher. 2,152,761; Apr. 4.
Grissinger, Daniel D., et al. (See Klermund, Henry G., assignor.)
Grist, George W., Chicago, Ill. Device for obtaining objective evidence from a moving vehicle. 2,148,119; Feb. 21.
Griswold, Anne W., executrix. (See Griswold, William B.)
Griswold, Donald W., Bridgeton, N. J. Method and apparatus for preservation of perishable foodstuffs. 2,182,556; Dec. 5.
Griswold, Frederick C., Port Jefferson, N. Y. Drafting appliance. 2,178,257; Oct. 31.
Griswold Manufacturing Company, The. (See Anderson, Carl R., assignor.)
Griswold, Roger W., II, Old Lyme, assignor to United Aircraft Corporation, East Hartford, Conn. Slotted deflector flap. 2,169,416; Aug. 15.
Griswold, Stanley M., assignor to B. B. Chemical Co., Boston, Mass. Protective cover. 2,182,022; Dec. 5.
Griswold, Stanley M., assignor to B. B. Chemical Co., Boston, Mass. Protective cover. 2,182,256; Dec. 5.
Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle transmission. 2,143,312; Jan. 10.
Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,153,083; Apr. 4.
Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,158,235; May 16.

Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Gear mounting. 2,174,261; Sept. 26.

Griswold, Walter R., assignor to Packard Motor Car Company, Detroit, Mich. Making bearings. 2,174,262; Sept. 26.

Griswold, William B., deceased; A. W. Griswold, executrix, Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Container for papers, cards, and the like. 2,160,267; May 30.

Gritman, Joseph H., Wilkes-Barre, Pa. Thread carrying cone. 2,149,766; Mar. 7.

Griunsteinas, Nathanas, also known as Nathan Grunstein, Haifa, Palestine. Manufacture of very pure aluminum compounds. 2,167,238; July 25.

Groak, Irwin D., and F. B. Orr, Chicago, Ill. Purification of water and air in air conditioning. 2,162,809; June 20.

Groák, Josef, Olomouc, Czechoslovakia. Transfer copying material. 2,168,098; Aug. 1.

Groat, Keith P., Canton, Ohio, assignor to York Ice Machinery Corporation, York, Pa. Heat exchange apparatus. 2,181,230; Nov. 28.

Groat, Marshall O. (See Vogelei, A. C., and Groat.)

Groden, John J., Philadelphia, Pa. Work holder. 2,179,625; Nov. 14.

Groen, Christopher, Oak Park, Ill., assignor to A. Y. McDonald Mfg. Co., Dubuque, Iowa. Foot valve extractor. 2,145,441; Jan. 31.

Groendyk, James G., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Trolley wire guard. 2,151,099; Mar. 21.

Groene, Willard L., assignor to R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Change speed friction gearing. 2,173,608; Sept. 19.

Groene, Willard L., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft lathe. 2,174,083; Sept. 26.

Groene, Willard L., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Station type pin and line bearing lathe. 2,174,084; Sept. 26.

Groene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Tool feed mechanism for lathes. 2,148,293; Feb. 21.

Groene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Compound rest for lathes. 2,155,707; Apr. 25.

Groene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft lathe. 2,160,402; May 30.

Groene, William F., assignor to the R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Combined turning and broaching tool for lathes. 2,173,609; Sept. 19.

Groene, William F., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Orbital lathe. 2,184,591; Dec. 26.

Groene, William F., and H. J. Siekmann, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Turret lathe. 2,148,348; Feb. 21.

Groene, William F., and H. J. Siekmann, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Orbital lathe feed mechanism. 2,148,349; Feb. 21.

Groene, William F., and W. R. Meyer, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft chuck. 2,148,350; Feb. 21.

Groene, William F., H. J. Siekmann, and W. R. Meyer, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Multiple spindle vertical crankshaft lathe. 2,156,153; Apr. 25.

Groene, William F., and H. C. Kemper, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Lathe apron mechanism. 2,160,966; June 6.

Groene, William F., and W. R. Meyer, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft chuck. 2,160,967; June 6.

Groene, William F., and G. W. Luning, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Lathe transmission and the like. 2,161,545; June 6.

Groene, William F., and W. R. Meyer, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Machining crankshafts. 2,182,228; Dec. 5.

Groene, William F., and W. F. Meyer, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft chuck. 2,184,590; Dec. 26.

Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Combined hinge and flow valve. 2,153,536; Apr. 11.

Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Combined seat and flush rim. 2,154,240; Apr. 11.

Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Defecator. 2,158,362; May 16.

Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Adjustable support for plumbing fixtures. 2,159,021; May 23.

Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Automatic air valve with swing check and back pressure control. 2,161,813; June 13.

Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Air valve. 2,162,671; June 13.

Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Water closet or defecator. 2,164,319; July 4.

Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Combination seat and flush rim. 2,164,320; July 4.

Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Defecator. 2,164,321; July 4.

Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Antisiphon valve. 2,174,742; Oct. 3.

Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Antisiphoning device. 2,174,743; Oct. 3.

Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Floor discharging defecator. 2,180,585; Nov. 21.

Groeniger, William C., Columbus, Ohio, assignor to John B. Pierce Foundation, New York, N. Y. Combined soil, waste, and vent unit. 2,183,040; Dec. 12.

Groetchen, Richard. (See Peters, William G., assignor.)

Groff, Emory L., Washington, D. C. Articulated train. 2,184,298; Dec. 26.

Groff, Frazier, Charleston, W. Va., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Composite molded article and making the same. 2,149,732; Mar. 7.

Groggins, Philip H., J. T. Stearn, and B. Makower, Washington, D. C. Synthetic thermoplastic resins. 2,181,231; Nov. 28.

Grohmann, Benjamin F., Freesburg, Ill. Wind driven battery charger. 2,145,511; Jan. 31.

Grohn, Henry P., Chicago, Ill. Overload clutch. 2,167,749; Aug. 1.

Groll, Herbert P. A. (See Tamele, M. W., and Groll.)

Groll, Herbert P. A., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Inhibiting carbon formation in metal reaction vessels. 2,168,840; Aug. 8.

Groll, Herbert P. A., Oakland, and G. Hearne, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Esterification of allyl type alcohols and products resulting therefrom. 2,164,188; June 27.

Groll, Herbert P. A., and G. Hearne, Berkeley, and J. Burgin and D. S. La France, Oakland, assignors to Shell Development Company, San Francisco, Calif. Halo-substitution of ethylene. 2,167,927; Aug. 1.

Groll, Herbert P. A., Berkeley, and J. Burgin, Oakland, assignors to Shell Development Company, San Francisco, Calif. Dehydrogenation of organic compounds. 2,182,431; Dec. 5.

Groll, Herbert P. A., and J. Burgin, Oakland, assignors to Shell Development Company, San Francisco, Calif. Dehydrogenation process. 2,184,234; Dec. 19.

Groll, Herbert P. A., Berkeley, and J. Burgin, Oakland, assignors to Shell Development Company, San Francisco, Calif. Catalytic dehydrogenation of organic compounds. 2,184,235; Dec. 19.

Gromes, Adolph, Hoboken, N. J. Fire screen. 2,152,474; Mar. 28.

Gromus, Karl, Vienna, Austria. Light control device. 2,166,491; July 18.

Gronauer, Max H., Memphis, Tenn. Lapel fastener. 2,158,719; May 16.

Gronberg, Victor A. (See Jones, J. R., and Gronberg.)

Grondahl, Alfred G., Chicago, Ill. Anti-window-rattle device. 2,143,266; Jan. 10.

Grondahl, Lars O., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,159,524; May 23.

Grondahl, Lars O., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Protective device for electric circuits. 2,162,949; June 20.

Gronebaum, Willi. (See Brinck, M., and Grönebaum.)

Groninger, Holmes B., Port Royal, Pa. Hot top. 2,156,980; May 2.

Gronningsaeter, Anton M., Crestwood, N. Y., assignor to Falconbridge Nickel Mines, Limited, Toronto, Ontario, Canada. Treatment of nickel cathodes. 2,143,913; Jan. 17.

Groot, Robert W., Fort Wayne, Ind., assignor to General Electric Company. Centrifugal switch. Re. 20,993; Jan. 31.

Groote, Andreas, Dortmund, Germany. Bearing block or pedestal for marine vessels. 2,156,848; May 2.

Gros, Henry G., Oakville, assignor to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,146,117; Feb. 7.

Groskopf, Edwin O., Rutherford, N. J., assignor to The Patent and Licensing Corporation, New York, N. Y. Making rubber compositions and the like. 2,164,400; July 4.

Groskopf, Edwin O., Rutherford, N. J., assignor to The Patent and Licensing Corporation, New York, N. Y. Waterproof adhesive composition. 2,175,797; Oct. 10.

Groskopf, Edwin O., Rutherford, N. J., assignor to The Patent and Licensing Corporation, New York, N. Y. Insulating panels. 2,180,305; Nov. 14.

Gross, Alfred G., Chicago, Ill., assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,181,584; Nov. 28.

Gross, Andrew, New York, N. Y. Fender protector. 2,143,939; Jan. 17.
Gross, Carl G. (See Thomsen, W. A. V., and Gross.)
Gross, Charles V. (See Stangenberg, J. W. H., Crowell, and Gross.)
Gross, Clark E. (See Rihn, E. D., and Odenbaugh, assignors.)
Gross, Court, assignor to Motoraktieselskapet av 1935, Oslo, Norway. Internally cooled valve for combustion engines. 2,162,304; June 13.
Gross, Edward H. (See Butler, W. H., and Gross.)
Gross, Edward H., Kenmare, N. Dak. Olive utensil. 2,184,216; Dec. 19.
Gross, Elmer J., Chicago, assignor to J. E. Porter Corporation, Ottawa, Ill. Basketball backstop. 2,144,148; Jan. 17.
Gross, George L., assignor to Northern Cold Storage and Warehouse Company, Duluth, Minn. Fish freezing arrangement. 2,176,764; Oct. 17.
Gross, Howard H. (See Evans, L. P., and Gross.)
Gross, Howard H. (See McCarty, B. Y., and Gross.)
Gross, Howard H., Beacon, assignor to The Texas Company, New York, N. Y. Dewaxing hydrocarbon oil. 2,161,569; June 6.
Gross, John H., New York, N. Y. Brace for furniture. 2,147,437; Feb. 14.
Gross, John H., New York, N. Y. Turnbuckle. 2,165,478; July 11.
Gross, Joseph M. (See Lawry, Rolla, assignor.)
Gross, Joseph M., Rockville Centre, assignor to Ideal Fastener Corporation, Brooklyn, N. Y. Slider. 2,171,335; Aug. 29.
Gross, Louis, assignor to Gross Photo Supply Company, Toledo, Ohio. Photo mount. 2,177,405; Oct. 24.
Gross, Malvern J., and Z. J. Atlee, Chicago, Ill., assignors to General Electric X-Ray Corporation. High voltage X-ray tube. 2,167,275; July 25.
Gross Photo Supply Company. (See Gross, Louis, assignor.)
Gross, Walter E., and A. F. Jelinek, assignors to The Cleveland Automatic Machine Company, Cleveland, Ohio. Automatic clutch shifter. 2,152,044; Mar. 28.
Gross, Walter E. (See Jelinek, A. F., and Gross.)
Gross, Walter R., Grosse Pointe, Mich. Electric ventilator. 2,159,696; May 23.
Gross, William A., Janesville, Wis. Safety device for motor vehicles. 2,145,543; Jan. 31.
Gross, William E., Joppa, Md. Pneumatic vibrator and press. 2,142,127; Jan. 3.
Gross, William F., De Pere, Wis. Plant protector. 2,181,016; Nov. 21.
Grossarth, Albert A., La Grange, assignor to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Printing-press doctor blade. 2,148,456; Feb. 28.
Grossarth, Albert A., La Grange, assignor to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Manufacturing printing-press doctor blades. 2,148,457; Feb. 28.
Grossarth, Albert A., La Grange, assignor to Miehle Printing Press & Manufacturing Company, Chicago, Ill. Plank gib for power plate printing presses. 2,164,401; July 4.
Grosse, Aristid V. (See Mattox, W. J., and Grosse.)
Grosse, Aristid V. (See Morrell, J. C., and Grosse.)
Grosse, Aristid V., assignor to Universal Oil Products Company, Chicago, Ill. Dehydrogenation of hydrocarbons. 2,157,202; May 9.
Grosse, Aristid V., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon gases. 2,167,650; Aug. 1.
Grosse, Aristid V., assignor to Universal Oil Products Company, Chicago, Ill. Catalytic dehydrogenation of hydrocarbons. 2,172,534; Sept. 12.
Grosse, Aristid V., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of diolefins. 2,178,584; Nov. 7.
Grosse, Aristid V., assignor to Universal Oil Products Company, Chicago, Ill. Alkylation of naphthenes. 2,182,557; Dec. 5.
Grosse, Aristid V., and J. M. Mavity, assignors to Universal Oil Products Company, Chicago, Ill. Dehydrogenation of hydrocarbons. 2,157,203; May 9.
Grosse, Aristid V., and J. C. Morrell, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,157,204; May 9.
Grosse, Aristid V., and J. C. Morrell, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of acyclic hydrocarbons to cyclic hydrocarbons. 2,172,535; Sept. 12.
Grosse, Vitaly, Berlin-Lichterfelde, Germany, assignor to General Electric Company. Electric circuit interrupter. 2,142,840; Jan. 3.
Grosse, Vitaly, Berlin-Lichterfelde, Germany, assignor to F. Strauss, née Ruppel, New York, N. Y. Electric switch. 2,156,388; May 2.
Grosser, Christian E. (See Doe, T. B., Rose, and Grosser.)
Grosser, Christian E., assignor to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,157,852; May 9.
Grossman, Abraham, and J. Gilbert, Chicago, Ill. Bathroom clog. 2,176,570; Oct. 17.
Grossman, Benjamin. (See Grossman, Nathan, assignor.)
Grossman, Cornell J., Millburn, N. J. Dental casting alloy. 2,155,047; Apr. 18.
Grossman, Cornell J., Millburn, N. J. Dental casting alloy. 2,156,757; May 2.
Grossman, Cornell J., Milburn, N. J. Dental casting alloy. 2,162,252; June 13.
Grossman, Cornell J., Milburn, N. J. Dental casting alloy. 2,162,253; June 13.
Grossman, Cornell J., Millburn, N. J. Dental casting alloy. 2,165,793; July 11.
Grossman, Cornell J., Millburn, N. J. Dental casting alloy. 2,165,849; July 11.
Grossman, Cornell J., Millburn, N. J. Cast metallic denture. 2,171,744; Sept. 5.
Grossman, Nathan, Reading, Pa., assignor to Benjamin Grossman, New York N. Y. Collapsible shipping container. 2,162,169; June 13.
Grossman, Philip, Brooklyn, N. Y. Labeling method. 2,148,155; Feb. 21.
Grossmann, Marcus A. (See Mathesius, W., and Grossmann.)
Grossmann, Marcus A., Chicago, Ill., assignor to United States Steel Corporation, New York, N. Y. Alloy steels. 2,155,347; Apr. 18.
Grossmann, Marcus A., Chicago, Ill., assignor to United States Steel Corporation, New York, N. Y. Alloy steel. 2,155,348; Apr. 18.
Grossmann, Paul. (See Felix, F., Grossmann, and Bommer.)
Grossmann, Paul, Binningen, near Basel, and M. Bommer, Riehen, near Basel, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Anthraquinone derivatives. 2,149,433; Mar. 7.
Grosswege, John B. (See Canetta, J., and Grosswege.)
Grote, Edward, Berlin-Wilmersdorf, Germany. Clutch mechanism for change-speed gears. 2,169,639; Aug. 15.
Grote, Walter F., Mount Washington, Ohio, assignor to The National Colortype Company, Bellevue, Ky. Sheet reflector. 2,149,171; Feb. 28.
Grote, Walter F., Mount Washington, Ohio, assignor to The National Colortype Company, Bellevue, Ky. Total reflecting prism sheet. 2,167,149; July 25.
Grote, Walther H., New York, N. Y., assignor to United Carbon Company, Inc. Carbon black. Re. 21,302; Dec. 19.
Grotewohl, Laurence A., Muskegon, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Cupola furnace. 2,176,336; Oct. 17.
Groth, William J., Los Angeles, Calif. Ash trap. 2,166,291; July 18.
Grothe, Walter. (See Starr, O. L., Grothe, and Eberhard.)
Grothey, Ivan W., Laconia, N. H., assignor to Scott & Williams, Incorporated, New York, N. Y. Circular knitting machine. 2,163,461; June 20.
Grotte, Harry A., San Francisco, and S. Richardson, Los Angeles, Calif. Garment hanger. 2,158,539; May 16.
Grottum, B. E. (See Hurst, James L., assignor.)
Grotz, Homer M., Brentwood, N. Y. Noise eliminator. 2,143,313; Jan. 10.
Grötzinger, Wilhelm, Stuttgart-Bad Cannstatt, Germany, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Apparatus for the steeping of alkalicellulose and the like. 2,174,241; Sept. 26.
Grout, Homer, and Z. Lemley, Denver, Colo.; said Lemley assignor to said Grout. Gum massager. 2,172,998; Sept. 12.
Grove, George W. (See Bunton, Rheubin L., assignor.)
Grove, John R. (See Desmond, Jeremiah J., assignor.)
Grove, Julia E., et al. (See Grove, Marvin H., assignor.)
Grove, Martin H., assignor, by mesne assignments, to M. H. and J. E. Grove, Berkeley, Calif. Gas regulator. 2,158,068; May 16.
Grove, Marvin H., Berkeley, Calif. Fluid flow regulator. 2,163,597; June 27.
Grove, Marvin H., Berkeley, Calif. Gas pressure regulator. 2,177,825; Oct. 31.
Grove, Marvin H., Berkeley, Calif. Flow regulator. 2,181,428; Nov. 28.
Grover, Charles L., assignor to William Sellers & Company, Incorporated, Philadelphia, Pa. Index plate for boring and milling machines. 2,153,463; Apr. 4.
Grover, George, Jr., Hadley, Mich. Internal combustion engine. 2,158,419; May 16.
Grover, Victor T., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Control device for can making machinery. 2,158,069; May 16.
Groves, Arvel E., La Fayette, Ga. Wire stretcher. 2,174,489; Sept. 26.
Groves, Martin V., Brooklyn, N. Y. Hydraulic or air brake safety check. 2,145,790; Jan. 31.
Groves, Martin V., New York, assignor of one-half to Airdraulic Brake Corporation, Bellerose, N. Y. Compound hydraulic brake pump. 2,179,241; Nov. 7.
Grow Bros. (See Grow, M. W., and Volp, assignors.)
Grow Bros. (See Grow, Walter D., assignor.)
Grow, Maurice W., Cleveland, and J. G. Volp, Lakewood, assignors to Grow Bros., Cleveland, Ohio. Fish-scaling machine. 2,172,470; Sept. 12.
Grow, Walter D., assignor to Grow Bros., Painesville, Ohio. Apparatus for scaling fish. 2,172,471; Sept. 12.
Grow, Walter D., assignor to Grow Bros., Painesville, Ohio. Fish-scaling machine. 2,172,472; Sept. 12.
Growald, Henry K. (See Laddon, I. M., and Growald.)

Grözinger, Albert, Stuttgart-Bad Cannstatt, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Starting mechanism for internal combustion engines. 2,146,733; Feb. 14.
Grubb, Gunnar. (See Kögel, W. G., Strandberg, and Grubb.)
Grubb, Gunnar, Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigerator. 2,148,983; Feb. 28.
Grubb, Gunnar, Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Liquid fuel burner for absorption refrigeration apparatus. 2,158,282; May 16.
Grubb, Gunnar, Stockholm, Sweden, assignor, by mesne assignments, to Sewel, Inc., New York, N. Y. Refrigeration. 2,165,138; July 4.
Grubb, Gunnar, Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,170,656; Aug. 22.
Grubb, Gunnar, Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigerator. 2,171,745; Sept. 5.
Grubb, Gunnar A., and G. M. Blomqvist, Stockholm, Sweden, assignors, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,172,442; Sept. 12.
Grubelic, Nicholas, Great Neck, N. Y. Device for dispensing and mixing paint and the like. 2,158,773; May 16.
Grubelic, Nicholas, Great Neck, N. Y. Paint dispensing machine. 2,158,774; May 16.
Grubelic, Nicholas, Great Neck, N. Y. Automatic weighing machine for dispensing and mixing paint. 2,158,795; May 16.
Gruber, Earl B., West Allis, assignor to The Heil Co., Milwaukee, Wis. Hoist. 2,148,616; Feb. 28.
Gruber, George, Linden, N. J. Support for candy molds. 2,170,051; Aug. 22.
Gruber, Herbert, assignor to Heraeus-Vacuumschmelze, A. G., Hanau-on-the-Main, Germany. Production of beryllium copper alloys. 2,149,257; Mar. 7.
Gruber, John, New York, N. Y. Shoe. 2,153,304; Apr. 4.
Gruber, Oscar, St. Paul, Minn. Gem setting. 2,147,740; Feb. 21.
Gruber, Wolfgang, M. Thoma, and H. Zoebelein, Burghausen, assignors to Dr. Alexander Wacker Gesellschaft für elektro-chemische Industrie, G. m. b. H., Munich, Germany. Cellulose acetate and producing same. 2,165,850; July 11.
Grudin, Louis, New York, N. Y. Word-building game. 2,175,939; Oct. 10.
Gruen Watch Company, The. (See Katz, Benjamin S., assignor.)
Gruen Watch Company, The. (See Lux, Eugene, assignor.)
Gruen Watch Mfg. Co. (A.-G.). (See Theibaud, Henri, assignor.)
Gruenberger, Otto, Milwaukee, Wis. Power transmitting means. 2,179,149; Nov. 7.
Gruender, Oscar C., assignor to Nordberg Manufacturing Co., Milwaukee, Wis. Jaw crusher. 2,177,524; Oct. 24.
Gruenes, Ferdinand. (See Heman, T. R., and Gruenes.)
Gruenhagen, Henry W. A. (See Heintz, R. M., and Gruenhagen.)
Gruenhagen, William H., St. Paul, Minn. Fishing float. 2,143,942; Jan. 17.
Gruenhagen, William H., St. Paul, Minn. Fishing bait. 2,180,822; Nov. 21.
Gruening, William E., assignor to The Stacey Brothers Gas Construction Company, Cincinnati, Ohio. Sealing means for gas holders. 2,165,179; July 4.
Gruenke, Ronald E., Michigan City, Ind. Testing device. 2,162,429; June 13.
Gruhnwald, Hermann. (See Böhm, O., and Gruhnwald.)
Gruman, Lloyd B., assignor to Domestic Engine & Pump Company, Shippensburg, Pa. Vacuum heating pump. 2,176,658; Oct. 17.
Grumbacher, Walter, assignor to Spiral Binding Co. Inc., New York, N. Y. Binding construction. 2,142,816; Jan. 3.
Grumbacher, Walter, assignor to Spiral Binding Co. Inc., New York, N. Y. Spiral binding. 2,147,369; Feb. 14.
Grumbacher, Walter, assignor to Spiral Binding Co. Inc., New York, N. Y. Machine for making a spirally bound sheaf. 2,182,844; Dec. 12.
Grünbaum, Ludwig, Charlottenburg-Berlin, Germany. Automatic coin-operated time control switch mechanism. 2,150,324; Mar. 14.
Grund, William, Detroit, Mich. Calking gun. 2,175,601; Oct. 10.
Grundler, Frederick, Elyria, Ohio. Highway and railway transportation. 2,172,244; Sept. 5.
Grundmann, Christoph. (See Kuhn, R., and Grundmann.)
Grundmann, Gustave L., Westmont, N. J., assignor to Radio Corporation of America. Capacitor. 2,159,793; May 23.
Grundmann, Gustave L., Westmont, N. J., assignor to Radio Corporation of America. Radio receiving system. 2,183,741; Dec. 19.
Grundmann, Gustave L., Westmont, and H. C. Allen, Marlton, N. J., assignors to Radio Corporation of America. Television receiver. 2,157,170; May 9.
Grundstrom, Erik G., assignor to Advance Aluminum Castings Corp., Chicago, Ill. Aluminum alloys. 2,150,219; Mar. 14.
Grundstrom, Erik G., assignor to Advance Aluminum Castings Corp., Chicago, Ill. Fuse plug for pressure cookers. 2,173,999; Sept. 26.
Grunebaum, Ludwig H. (See Rollmann, Hans, assignor.)
Gruner, Albert P., Cleveland, Ohio. Folder construction for sheet music or the like. 2,160,205; May 30.
Grünert, Kurt, Bergen, Norway. Compressor, pump, and the like. 2,151,848; Mar. 28.
Grunert, Kurt, Zittau, Germany. Machine for cutting lengths of thread or the like. 2,184,452; Dec. 26.
Grunig, Bernhard C., Chicago, Ill. Coin slide. 2,153,183; Apr. 4.
Grunow, William C. (See Constantine, A. R., and Kenney, assignors.)
Grunow, William C. (See Kenney, M. W., and Constantine, assignors.)
Grünschneder, Johann, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Dynamo-electric machine. 2,183,397; Dec. 12.
Grunstein, Nathan. (See Griunsteinas, Nathanas.)
Grunwald, Albert C., River Forest, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Towel dispensing apparatus. 2,149,088; Feb. 28.
Grunwald, Albert C., River Forest, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Stop mechanism for sheet dispensing apparatus. 2,175,192; Oct. 10.
Grunwald, Carl J. H. (See Holmes, Paul A., assignor.)
Grünwald, Eduard, Nuremberg, assignor of one-half to H. Lenk, Nuremberg-Reichelsdorf, Germany. Magnesium lead. 2,173,200; Sept. 19.
Grupe, Herman L., Scotia, N. Y., J. A. Robertson, Framingham, Mass., and D. E. Moran, Scotia, N. Y.; said Grupe and said Moran assignors to General Electric Company, and said Robertson assignor to Warren Telechron Company. Electrical coil and making the same. 2,184,342; Dec. 26.
Grupe, William F., Lyndhurst, assignor to Chambon Corporation, Garfield, N. J. Apparatus for effecting register of multiple operations. 2,163,035; June 20.
Grupe, William F., Lyndhurst, assignor to Peerless Roll Leaf Co., Inc., Union City, N. J. Mounting a metallic film on a carrier. 2,164,010; June 27.
Grupe, William F., Lyndhurst, assignor to Chambon Corporation, Garfield, N. J. Applying material to a sheet or web. 2,170,140; Aug. 22.
Grupe, William F., Lyndhurst, assignor to Chambon Corporation, Garfield, N. J. Can blank and producing same. 2,174,071; Sept. 26.
Gruse, William A. (See Stevens, D. R., and Gruse.)
Gruskin, Benjamin, Philadelphia, Pa., assignor to Lakeland Foundation, Chicago, Ill. Pregnancy antigen. 2,151,697; Mar. 28.
Gruskin, Benjamin, Philadelphia, Pa., assignor to Lakeland Foundation, Chicago, Ill. Carcinoma antigen. 2,165,370; July 11.
Gruskin, Benjamin, Philadelphia, Pa., assignor to Lakeland Foundation, Chicago, Ill. Sarcoma antigen. 2,165,371; July 11.
Gruss, Heinz. (See Keinath, G., and Gruss.)
Gruss, Roland M., San Francisco, Calif. Counterbalanced stamp mill. 2,153,558; Apr. 11.
Grutzner, Fritz P., Beloit, Wis. Exhaust gas turbine for combustion engines. 2,176,021; Oct. 10.
Gruver, John H., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,154,381; Apr. 11.
Grzybowski, Jowita K., Chicago, Ill. Fish snare. 2,146,817; Feb. 14.
Gualdoni, John C., Brentwood, Mo. Slicing and weighing machine. 2,165,047; July 4.
Gualtiere, Julius, assignor to Edwin B. Stimpson Company, Brooklyn, N. Y. Feed drum for snap fastener setters. 2,154,899; Apr. 18.
Guanella, Gustav, Zurich, Switzerland, assignor to Radio Patents Corporation, New York, N. Y. Electrical circuit. 2,164,402; July 4.
Guanella, Gustave, Zurich, Switzerland, assignor to Radio Patents Corporation. Direction finding system. 2,166,991; July 25.
Guanella, Gustav, Zurich, Switzerland, assignor to Radio Patents Corporation. Tuning electric oscillatory circuits. 2,182,377; Dec. 5.
Guaranteed Parts, Inc. (See Livermore, Homer F., assignor.)
Guaranty Trust Company of New York. (See Czapek, Emil, assignor.)
Guardian Electric Manufacturing Co. (See Nelsen, M., and Obszarny, assignors.)
Guardian Electric Mfg. Co. (See Obszarny, Thedore, assignor.)
Guardian Electric Mfg. Co. (See Obszarny, Theodore J., assignor.)
Guardian Life Insurance Company of America, The. (See Weidenborner, Frank F., assignor.)
Guardian Safety Seal Company. (See Fabrice, Edward H., assignor.)
Guardite Corporation, The. (See Baer, John M., assignor.)
Guardite Corporation, The. (See Knox, Frank A., assignor.)

Guardite Corporation, The. (See Pilkey, Orrin H., assignor.)
Guarnaschelli, Stephen, Elmhurst, assignor to Packless Metal Products Corporation, New York, N. Y. Support for flexible hose. 2,170,557; Aug. 22.
Guarnaschelli, Stephen, Elmhurst, assignor to Packless Metal Products Corporation, New York, N. Y. Support for flexible hose. 2,175,662; Oct. 10.
Guastavino, Rafael, Bay Shore, assignor to R. Guastavino Company, New York, N. Y. Suspended ceiling structure. 2,143,980; Jan. 17.
Guastavino, R., Company. (See Guastavino, Rafael, assignor.)
Guba, Raymond J., Philadelphia, Pa., assignor to Audubon Wire Cloth Corporation. Advertising sign. 2,154,088; Apr. 11.
Gubelmann, Ivan, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Keto carboxylic acid esters and manufacture. 2,144,455; Jan. 17.
Gubelmann, Ivan, Wilmington, Del., and W. S. Calcott, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Extrusion of camphor and product thereof. 2,146,734; Feb. 14.
Gubelmann, Ivan, Wilmington, Del., and L. Spiegler, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,167,067; July 25.
Gubin, Samuel, Erlton, N. J., assignor to Radio Corporation of America. Shielded relay attenuator. 2,183,612; Dec. 19.
Gubler, Hans, and E. Bernasconi, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Dyestuffs containing simultaneously radicals of anthraquinone dyestuffs and azo dyestuffs and making the same. 2,154,981; Apr. 18.
Gubler, Hans, and E. Bernasconi, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Dyestuffs containing simultaneously radicals of anthraquinone dyestuffs and azo dyestuffs and making the same. 2,167,804; Aug. 1.
Guckes, George C. (See Gardella, Albert B., assignor.)
Gudge, Herbert, New York, N. Y. Safety lock. 2,153,831; Apr. 11.
Gudheim, Arns, Leonia, N. J., assignor to Lever Brothers Company. Blending edible fats. 2,174,365; Sept. 26.
Gudie, Ray. (See Armentrout, A. L., and Gudie.)
Gudis, Max, Philadelphia, Pa., assignor, by mesne assignments, to Spiral Binding Co. Inc., New York, N. Y. Binding for books. 2,142,817; Jan. 3.
Guedel, Louis A., assignor to Hetherington & Berner Inc., Indianapolis, Ind. Timing device for mixers. 2,147,575; Feb. 14.
Guedon, Emile C. (See Blessing, G. W., and Guedon.)
Guedon, Emile C., Audubon, N. J., assignor to Radio Corporation of America. Phonographic apparatus. 2,174,156; Sept. 26.
Guedon, Emile C., Audubon, N. J., assignor to Radio Corporation of America. Phonographic apparatus. 2,176,669; Oct. 17.
Guenther, Fritz, Ludwigshafen-on-the-Rhine, H. Haussmann, Mannheim, and W. Alt, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of conversion products from cellulose or cellulosic materials. 2,150,968; Mar. 21.
Guenst, William, Philadelphia, Pa. Etching machine. 2,152,688; Apr. 4.
Guenther, Edgar G., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Bobbin supporting and driving device. 2,161,348; June 6.
Guenther, Fritz, and K. Saftien, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing assistants in the textile and related industries. 2,169,976; Aug. 15.
Guenther, Fritz, and K. Saftien, Ludwigshagen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Sulpho-carboxylic esters suitable as assistants for the textile and related industries. 2,169,998; Aug. 22.
Guérard, Georges, assignor to Societe Anonyme dite Etablissements Laffly, Asnieres, France. Spring suspension for motor vehicles and the like. 2,167,403; July 25.
Guerbilsky, Alexis, Paris, France. Electromechanical resonator. 2,159,891; May 23.
Guerra, Anthony, Hackensack, N. J. Toaster. 2,182,124; Dec. 5.
Guerra, Ugo, Rome, Italy. Magnetic field direction finder. 2,158,500; May 16.
Guerrieri, Salvatore A., Mt. Vernon, N. Y. assignor to the Lummus Company. Cracking hydrocarbon gases and vapors. 2,163,170; June 20.
Guerrieri, Salvatore A., Mount Vernon, assignor to The Lummus Company, New York, N. Y. Fractionating column. 2,167,025; July 25.
Guest, Albert. (See Neale, J. E., and Guest.)
Guest, John, assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Cementing packer. 2,173,201; Sept. 19.
Gueydan, Arthur, Lausanne, Vaud, Switzerland. Toy apparatus. 2,167,068; July 25.
Gugala, Louis, Ludington, Mich. Automatic machine for beveling glass. 2,174,721; Oct. 3.
Guggenheim Brothers. (See Bevan, John G., assignor.)
Guggenheim, Paul, assignor to Philadelphia Metal Drying Form Company, Philadelphia, Pa. Automobile radio antenna. 2,181,327; Nov. 28.
Guglielmi, Guillaume, Paris, France, assignor to Elizabeth Arden, Inc., New York, N. Y. Hair-retaining device. 2,174,263; Sept. 26.
Guhman, John C., University City, assignor to Wright-Guhman Company, St. Louis, Mo. Shoe stiffener. 2,160,590; May 30.
Guhring, Alfred. (See Nädelin, Eugen, assignor.)
Guiberson Corporation, The. (See Garrett, Henry U., assignor.)
Guiberson Corporation, The. (See Pranger, Albert, assignor.)
Guiberson Corporation, The. (See Standlee, Harvey R., assignor.)
Guiberson Corporation, The. (See Thaheld, Feri A., assignor.)
Guiberson, Samuel A., III, and A. Pranger, Dallas, Tex. High pressure tubing oil saver. 2,174,366; Sept. 26.
Guided Radio Corporation. (See Langevin, Carl C., assignor.)
Guidobaldi, Alfredo, Castelfidardo, assignor to M. Soprani, Castelfidardo (Ancona), Italy. Valve structure for musical instruments. 2,149,434; Mar. 7.
Guidry, Melanie, Medina, Tex. (Paste tube closure. 2,172,099; Sept. 5.
Guiducci, Igino, Tivoli, Italy. Double safety washer for nuts of threaded bolts. 2,164,109; June 27.
Guier, William, assignor to Unit Rig & Equipment Company, Tulsa, Okla. Automatic cathead. 2,182,292; Dec. 5.
Guiford Folding Box Company, The. (See Chaney, John H. and L. P., assignors.)
Guild, Herbert C., New York, N. Y., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Multistage compressor. Re. 21,196; Sept. 5.
Guilday, John W., Mount Vernon, and J. Jeming, assignors to M. R. Scharff, New York, N. Y. Holder for record cards or sheets. 2,169,999; Aug. 22.
Guildford, Joseph R., Regina, Saskatchewan, Canada. Relief valve. 2,175,460; Oct. 10.
Guildford, Joseph R., et al. (See Carey, George B., assignor.)
Guillemin Tarayre, Jean, Paris, and A. Neveu, Livry-Gargan, France, assignors, by mesne assignments, to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,165,989; July 11.
Guillod, Herman, Elgin, Ill. Garment clasp. 2,154,329; Apr. 11.
Guillow, Paul K. (See Wildon, Thomas D., assignor.)
Guimond, Isadore E., Kankakee, Ill. Bowling pin. 2,180,676; Nov. 21.
Guinard, Paul A., Saint-Cloud, France. Pumping device in particular for volatile liquids. 2,149,600; Mar. 7.
Guinn, James W., Abilene, Tex. Articulator. 2,148,692; Feb. 28.
Guinness, Arthur, Son and Company Limited. (See Millar, James H., assignor.)
Guinness, Edward E., Wolverhampton, assignor to Fluvario, Limited, West Bromwich, England. Hydraulic machine. 2,159,941; May 23.
Guinot, Henri M., Niort, Deux-Sevres, assignor to Usines De Melle, Melle, Deux-Sevres, France. Apparatus for reacting gases with liquids. 2,144,053; Jan. 17.
Guinot, Henri M., assignor to les Usines de Melle, Melle, Deux-Sevres, France. Separation of acetic anhydride. 2,159,146; May 23.
Guinot, Henri M., Melle, Deux-Sevres, France, assignor to Les Usines de Melle. Dehydrogenation of saturated hydrocarbons. 2,162,011; June 13.
Guinot, Henri M., Niort, Deux-Sevres, assignor to Usines de Melle, Melle, France. Manufacture of chlorohydrins. 2,164,240; June 27.
Guinot, Henri M. E., Niort, assignor to Usines de Melle, Melle, Deux-Sevres, France. Manufacture of ketones and alcohols from olefins. 2,167,203; July 25.
Guinot, Henri M., Niort, Deux-Sevres, assignor to Les Usines de Melle, Melle, France. Vulcanizing rubber. 2,181,454; Nov. 28.
Guinzburg, Roland H., Flushing, assignor to I. B. Kleinert Rubber Company, New York, N. Y. Wearing apparel. 2,162,810; June 20.
Guirl, Paul R., and J. S. Barnes, deceased, by W. F. & John Barnes Company, Rockford, Ill., assignee. Metal working apparatus. Re. 20,974; Jan. 10.
Guise, Edwin R., Norwood, assignor to Bird & Son, Inc., East Walpole, Mass. Floor covering insert. 2,183,041; Dec. 12.
Guiteras, Albert F. (See Gessler, A. E., Guiteras, and Clarkson.)
Guiterman, Kenneth S., Hewlett, N. Y. Shingle. 2,171,746; Sept. 5.
Guix, Enrique. (See Roca, M., and Guix.)
Gulbrandsen, Svere, assignor to New Process Rayon, Inc., Gloucester, N. J. Preparation of iron free copper solutions. 2,168,985; Aug. 8.
Gulbrandsen, Trygve, Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole fitting machine. 2,152,735; Apr. 4.
Guldbrandsen, Henry, assignor to the firm Carl Zeiss, Jena, Germany. Binocular viewing device for stereophotogrammetric instruments. 2,149,601; Mar. 7.

Gulden, Edmund, assignor of three-fourths to H. C. and R. Gulden and G. W. Granstrom, St. Paul, Minn. Live bait carrier. 2,149,996; Mar. 7.
Gulden, Herbert C., et al. (See Gulden, Edmund, assignor.)
Gulden, Rhinold, et al. (See Gulden, Edmund, assignor.)
Gulf Oil Corporation. (See Cantrell, Troy L., assignor.)
Gulf Oil Corporation. (See Cantrell, T. L., and Peters, assignors.)
Gulf Oil Corporation. (See Cantrell, T. L., and Turner, assignors.)
Gulf Oil Corporation. (See Cashion, M. L., and Smith, assignors.)
Gulf Oil Corporation. (See Catanach, A. E., and Kolthoff, assignors.)
Gulf Oil Corporation. (See Cooke, Horace B., assignor.)
Gulf Oil Corporation. (See Eaton, Gerald L., assignor.)
Gulf Oil Corporation. (See Henst, Jan V., assignor.)
Gulf Oil Corporation. (See Irvin, John L., assignor.)
Gulf Oil Corporation. (See McCoy, William K., assignor.)
Gulf Oil Corporation. (See Orr, Albert S., assignor.)
Gulf Oil Corporation. (See Smith, Herschel G., assignor.)
Gulf Oil Corporation. (See Smith, H. G., and Cantrell, assignors.)
Gulf Oil Corporation. (See Vander Henst, Jan, assignor.)
Gulf Research & Development Company. (See Exline, Paul G., assignor.)
Gulf Research & Development Company. (See Gardner, Louis W., assignor.)
Gulf Research & Development Company. (See Kemler, Emory N., assignor.)
Gulf Research & Development Company. (See Kennedy, Harvey T., assignor.)
Gulf Research & Development Company. (See Lane, Abbott A., assignor.)
Gulf Research & Development Company. (See Loomis, Albert G., assignor.)
Gulf Research & Development Company. (See Owens, W. A., and Otto, assignors.)
Gulf Research & Development Company. (See Stevens, D. R., and Gruse, assignors.)
Gulf Research & Development Company. (See Stevens, D. R., and Nickels, assignors.)
Gulf Research & Development Company. (See Toussaint, Norbert F., assignor.)
Gulf Research & Development Company. (See Taylor, Joseph E., assignor.)
Gulf Research & Development Company. (See Vacquier, Victor V., assignor.)
Gulick, Russell A., Winthrop, Mass., assignor, by mesne assignments, to Stator Corporation. Aspirator arrangement. 2,169,640; Aug. 15.
Gulland, Frank M., Syracuse, N. Y. Body operated switch apparatus for timing X-ray exposures. 2,152,045; Mar. 28.
Gullander, Arne, et al. (See Haskel, Josef I., assignor.)
Gullett Gin Company. (See Wallace, Jeffrey J., assignor.)
Gulliksen, Finn H., Wilkinsburg, assignor to Westinghouse Electric & Manufactring Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,165,048; July 4.
Gulliksen, Finn H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cutter register control. 2,169,026; Aug. 8.
Gulliksen, Finn H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Photocell system to control spacing of traveling articles. 2,171,362; Aug. 29.
Gulliksen, Finn H., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Moisture indicator. 2,171,363; Aug. 29.
Gulliksen, Finn H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Speed regulator. 2,171,747; Sept. 5.
Gulliksen, Finn H., Wilkinsburg, and J. W. Dawson, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,157,893; May 9.
Gullion, Carroll H., Chicago, and C. P. Evans, Wilmette; said Gullion assignor to Swift and Company, Chicago, Ill. Container. 2,158,118; May 16.
Gümbel, Heinrich, Leipzig, Germany, assignor, by mesne assignments, to Dexter Folder Company, New York, N. Y. Sheet feeding apparatus. 2,159,147; May 23.
Gumkowski, John, assignor of one-half to M. Shannon, Johnston City, Ill. Car coupling. 2,153,305; Apr. 4.
Gump, B. F., Co. (See Bauer, Hans A., assignor.)
Gump, B. F., Co. (See Habas, W. F., and Bauer, assignors.)
Gump, B. F., Co. (See Hazle, Albert J., Jr., assignor.)
Gump, B. F., Co. (See Reimuller, Caryl L., assignor.)
Gumprich, William, Brooklyn, N. Y., assignor, by mesne assignments, to American Coil Spring Company, Muskegon, Mich. Spring testing scale. 2,170,197; Aug. 22.
Gundel, Wolfgang. (Se Rittler, W., and Gundel.)
Gundelfinger, William E., assignor to Knapp-Monarch Company, St. Louis, Mo. Handle for electric appliances or the like. 2,147,028; Feb. 14.
Gundelfinger, William E., assignor to Knapp-Monarch Company, St. Louis, Mo. Power attachment for food mixers. 2,176,379; Oct. 17.
Gunderman, Lester S., Pittsburgh, Pa. Thread protector. 2,143,480; Jan. 10.
Gundersen, Gordon L. (See Kalfstad, E., and Gundersen.)
Gunderson, Gothfried C., Perth Amboy, N. J., assignor to Bakelite Corporation, New York, N. Y. Automatic molding apparatus. 2,150,097; Mar. 7.
Gunderson, Lewis O., and O. W. Carrick, assignors to Electro-Chemical Engineering Corporation, Chicago, Ill. Valve. 2,173,362; Sept. 19.
Gunderson, Reuben J., Chicago, Ill. Device for, and method of, protecting hog-carcass tongues. 2,181,370; Nov. 28.
Gundlach, Henry R., Baltimore, Md., assignor to Central Commercial Company. Colored roofing granule. 2,163,678; June 27.
Gundlach, Henry R., Baltimore, Md., and P. Teetor, Poultney, Vt., assignors to Central Commercial Company. Coloring roofing granules. 2,163,679; June 27.
Gundlach, Howard F., Cleveland, Ohio, assignor to Dictaphone Corporation, New York, N. Y. Automatic shaver indicator. 2,148,426; Feb. 28.
Gundlach, Howard F., Cleveland, Ohio, assignor to Oxford Varnish Corporation, Detroit, Mich. Surface decoating method and apparatus. 2,166,138; July 18.
Gundlfinger, Karl, Frankfort-on-the-Main, Germany, assignor to Autophon Aktiengesellschaft, Solothurn, Switzerland. Telegraph printer. 2,144,758; Jan. 24.
Gundlfinger, Karl, Frankfort-on-the-Main, Germany, assignor to Autophon Aktiengesellschaft, Solothurn, Switzerland. Telegraph printer. 2,145,479; Jan. 31.
Gunion, Harry A., Frankfort, Ind. Alarm. 2,165,893; July 11.
Gunn, Daniel R., Jr., assignor to U. S. Bedding Company, Memphis, Tenn. Studio couch. 2,162,503; June 13.
Gunn, Earl G., Jackson, Mich., assignor to Walker Manufacturing Company, Racine, Wis. Jack. 2,174,321; Sept. 26.
Gunn, Earl G., Jackson, Mich., assignor to Walker Manufacturing Company, Racine, Wis. Exhaust silencer. 2,182,945; Dec. 12.
Gunn, Francis M. (See Kaunitz, C. F., Gunn, and Boles.)
Gunn Furniture Company. (See Hupp, Elmer H., assignor.)
Gunn, George, Jr., Seattle, Wash. Cleaning machine. 2,168,770; Aug. 8.
Gunn, Ross, Washington, D. C. Apparatus for the detection of displacements. 2,155,419; Apr. 25.
Gunn, Ross, Washington, D. C. Apparatus for the detection of displacements. 2,155,420; Apr. 25.
Gunn, Ross, Washington, D. C. Apparatus and method for detecting defects in metallic objects. 2,162,710; June 20.
Gunn, Thomas M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mechanically operated reflux proportioner. 2,182,378; Dec. 5.
Gunnarson, Gunnar, assignor to Eastman Kodak Company, Rochester, N. Y. Speed control for spring motor driven apparatus. 2,180,005; Nov. 14.
Gunning, Percy F., Liverpool, England, assignor to Associated Telephone and Telegraph Company, Chicago, Ill. Electrical signaling system. 2,154,742; Apr. 18.
Gunsaullus, Fred D., assignor of one-half to L. Gantz, Pampa, Tex. Pump jack. 2,161,252; June 6.
Gunsolley, Verne V., assignor to Dough-King, Inc., Minneapolis, Minn. Turner for doughnut machines. 2,181,599; Nov. 28.
Gunter, Edward R., assignor to W. H. Klauer, Dubuque, Iowa. Closure frame member. 2,144,406; Jan. 17.
Gunter, Elzy H., Wagener, S. C. Mowing machine attachment. 2,156,981; May 2.
Gunter, Walter A., Upper Darby, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Air conditioning. 2,145,222; Jan. 24.
Gunther, Felix A., assignor to Bocjl Corporation, Pittsburgh, Pa. Automatic heat control. 2,174,558; Oct. 3.
Gunther, Hermann. (See Vollman, J., and Gunther.)
Günther, Johannes, assignor to the firm Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Starting circuit for cathode ray tubes. 2,155,486; Apr. 25.
Gunther, Robert E., St. Paul, Minn. Electric culinary utensil. 2,164,813; July 4.
Günther, Wolfgang, Siemensstadt, Germany, assignor to General Electric Company. Direct current power transmission system. 2,146,571; Feb. 7.
Günther, Wolfgang, Berlin-Friedenau, Germany, assignor to Askania-Werke A. G. Optical device. 2,184,615; Dec. 26.
Günzel, Erwin, Berlin-Lichterfelde Sud, and E. Ruska, Berlin-Zehlendorf, assignors to the firm of Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Producing sectional coatings in vacuum vessels. 2,184,922; Dec. 26.
Gurd, Charles, and Company. (See Lemire, Wilfrid, assignor.)
Gurd, George W. (See Pokorny, O. S., and Gurd.)
Gurleay, Arthur H., Los Angeles, Calif., assignor of one-half to P. Warmenhoven, Lexington, Ky. Skates. 2,173,716; Sept. 19.
Gurley, Arnold M. and J. M., Fort Worth, Tex. Pumping system. 2,183,560; Dec. 19.
Gurley, James M. (See Gurley, Arnold M. and J. M.)

Gurley, Roger K., Chatham, N. J., assignor to American Telephone and Telegraph Company. Picture broadcasting system. 2,175,388; Oct. 10.
Gurlik, Edward A., Hamden, assignor to The G & O Manufacturing Company, New Haven, Conn. Heat transfer apparatus. 2,182,338; Dec. 5.
Gurney, D. A., Company. (See Hatch, Frank A., assignor.)
Gurney, Daniel, Waynesboro, Pa., and C. L. Ott, Detroit, Mich., assignors to Landis Tool Company, Waynesboro, Pa. Feed mechanism. 2,142,506; Jan. 3.
Gürtler, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Direct current amplifier circuits. 2,153,752; Apr. 11.
Gurton, William S., J. Plint, and H. Nyberg, assignors to Dominion Truck Equipment Company Limited, Kitchener, Ontario, Canada. Automatic semitrailer power hoist connection with truck power unit. 2,180,048; Nov. 14.
Gurwick, Irving, assignor to Shellmar Products Company, Mount Vernon, Ohio. Printing device. 2,169,641; Aug. 15.
Gussack, Henry W., Richmond Hill, N. Y. Carpet sweeper. 2,181,455; Nov. 28.
Gustafson, Alfred N., assignor to Schramm, Incorporated, West Chester, Pa. Compressor. 2,160,860; June 6.
Gustafson, George H., Los Angeles, Calif. Can opener. 2,178,991; Nov. 7.
Gustafson, Gustaf A., assignor to Cyclone Fence Company, Waukegan, Ill. Adjustable grade iron fence. 2,145,172; Jan. 24.
Gustafson, John M., Laurens, Iowa. Mechanism for operating an electrical signaling system. 2,178,854; Nov. 7.
Gustafson, Roy, Fields Landing, Calif. Clutch steering mechanism for tractors. 2,158,935; May 16.
Gustafson, Roy, Fields Landing, Calif. Clutch structure. 2,175,290; Oct. 10.
Gustafsson, Eric, assignor to Binks Manufacturing Company, Chicago, Ill. Spray booth. 2,180,586; Nov. 21.
Gustafsson, Eric, and H. L. Striegel, assignors to Binks Manufacturing Company, Chicago, Ill. Air nozzle for flat spraying appliances. 2,152,046; Mar. 28.
Gustafsson, Ivar, Goteborg, Sweden. Sash bar. 2,174,441; Sept. 26.
Gustaveson, David W., Bridgeport, Conn., assignor to General Electric Company. Rack for cooking utensils. 2,179,291; Nov. 7.
Gustavson, Alvin N., Jamestown, N. Y., assignor to Automatic Voting Machine Corporation. Voting machine. 2,154,158; Apr. 11.
Gustavson, Alvin N., Jamestown, N. Y., assignor to Automatic Voting Machine Corporation. Voting machine. 2,172,872; Sept. 12.
Gustin-Bacon Manufacturing Co. (See Boone, Charles G., assignor.)
Gustin, Daniel S., Bloomfield, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Insulating leading-in conductor. 2,142,841; Jan. 3.
Gustin, Daniel S., Bloomfield, N. J., assigner, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Vapor lamp. 2,171,237; Aug. 29.
Gustin, Daniel S., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Discharge device and electrode. 2,171,238; assignor.)
Gustin, Daniel S., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor discharge lamp. 2,177,105; Oct. 24.
Gustin, Harold H., Warren, Pa. Flexible coupling. 2,181,888; Dec. 5.
Gustlin, Walter F., Santa Ana, Calif. Trouser support and shirt retainer. Re. 21,271; Nov. 21.
Gutenberg, Andrew C., and R. L. Brower, Milwaukee, Wis. Automobile throttle control. 2,167,110; July 25.
Guth, Edwin F., Webster Groves, Mo. Light shield. 2,143,148; Jan. 10.
Guth, Edwin F., Webster Groves, Mo. Light directing shield. 2,143,149; Jan. 10.
Guth, Frederick A., Denver, Ohio. Swinging closure mounting. 2,162,381; June 13.
Guthke, Friedrich-Wilhelm, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Tanning agents and producing same. 2,174,287; Sept. 26.
Guthke, Friedrich W., Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Tanning agents and producing them. 2,179,038; Nov. 7.
Guthmann, Eugene Y., Philadelphia, Pa. Soap receptacle. 2,175,753; Oct. 10.
Guthmann, Walter S., Chicago, Ill., assignor to Production Oil Products, Inc. Cutting compound. 2,162,454; June 13.
Guthmann, Walter S., and H. Kerst, Jr., assignors to Leo Corporation, Chicago, Ill. Increasing solubility of metal salts of beta carboxy compounds in motor fuels. 2,144,654; Jan. 24.
Guthrie, James M., et al. (See Harpster, Howard, assignor.)
Guthrie, John M., Grantwood, N. J., assignor to Aluminum Company of America, Pittsburgh, Pa. Producing reflective aluminum surfaces. 2,153,060; Apr. 4.
Guthrie, Robert G., Chicago, Ill. Producing alloys. 2,154,613; Apr. 18.
Guthrie, Robert G., and O. J. Wilbor, assignors to Peoples Gas By-Products Corporation, Chicago, Ill. Reforming gases. 2,164,403; July 4.
Guthrie, Robert G., and O. J. Wilbor, assignors, by mesne assignments, to R. G. Guthrie. Dielectric device. 2,166,139; July 18.
Guthrie, Robert G., and O. J. Wilbor, assignors to Peoples Gas By-Products Corporation, Chicago, Ill. Creating a dispersion of one fluid in another fluid. 2,183,071; Dec. 12.
Gutierrez, Peter P., Watsonville, Calif. Bracket for supporting a direction indicator or the like. 2,156,849; May 2.
Gutkowski, John I., Jersey City, N. J. Emergency brake control. 2,153,506; Apr. 4.
Gutman, Ferdinand, & Co. (See Eisen, Jay B., assignor.)
Gutman, Louis, assignor to Independent Lock Company, Fitchburg, Mass. Tumbler lock. 2,158,501; May 16.
Gutmann, Franz. (See Homberger, Ernst, assignor.)
Güttler, Hermann, administrator. (See Müller, K. R.)
Gutton, Henri, and S. Berline, Paris, France, assignors to Compagnie Generale de Telegraphic Sans Fil. Magnetron oscillator and detector. 2,147,159; Feb. 14.
Gutwein, Theodore, Dayton, Ohio. Shoe insole. 2,153,832; Apr. 11.
Gutzeit, Carlos L. (See Talley, S. K., and Gutzeit.)
Guy, Charles M., Pittsburgh, Pa. Venetian blind. 2,176,259; Oct. 17.
Guy, Frederick M., assignor to Guy and Murton, Incorporated, Detroit, Mich. Universal coupling. 2,142,784; Jan. 3.
Guy, Frederick M., assignor to Guy and Murton, Incorporated, Detroit, Mich. Cotter pin. 2,162,811; June 20.
Guy, Frederick M., assignor to Guy and Murton, Incorporated, Detroit, Mich. Flexible coupling. 2,181,183; Nov. 28.
Guy and Murton, Incorporated. (See Guy, Frederick M., assignor.)
Guyer, Reynolds. (See Buchaman, F. L., and Guyer.)
Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Window shade. 2,146,182; Feb. 7.
Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Reclosing carton. 2,151,202; Mar. 21.
Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Garment hanger. 2,164,208; June 27.
Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Garment hanger. 2,175,506; Oct. 10.
Guyer, Reynolds, assignor to Waldorf Paper Products Company, St. Paul, Minn. Garment hanger. 2,182,665; Dec. 5.
Guyer, Reynolds, and R. B. Lewis, Jr., assignors to Waldorf Paper Products Company, St. Paul, Minn. Garment hanger. 2,164,207; June 27.
Guyler, Albert F., W. H. Boaler, and S. M. Fulton, Spondon, near Derby, England, assignors to Celanese Corporation of America. Knitting machine. 2,144,018; Jan. 17.
Guyman, Clarence L., Great Neck, assignor to The Atlantic Coast Fisheries Company, New York, N. Y. Trawling signal. 2,156,452; May 2.
Guynn, Andrew M., Houston, Tex. Gardening implement. 2,184,217; Dec. 19.
Guyot Brothers, Inc. (See Boots, William C., assignor.)
Guze, Emil B., assignor to Quality Hardware & Machine Corporation, Chicago, Ill. Motor mounting for machine frames. 2,171,032; Aug. 29.
Gwinn, Joseph M., Jr., Buffalo, N. Y. Aircraft. 2,183,676; Dec. 19.
Gwinn, Joseph M., Jr., and D. J. Fabricy, Jr., Buffalo, N. Y.; said Fabricy assignor to said Gwinn. Fastener. 2,172,924; Sept. 12.
Gwyn, Childress B., Jr., Highland Park, Ill., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Contact. 2,143,375; Jan. 10.
Gwynn, Marion H., Leonia, N. J. Continuously hydrofining carbonaceous vapors with solid sulphur sensitive catalytic surfaces. 2,174,510; Oct. 3.
Gygax, Ernest, St. Louis, assignor to Curtis Refrigerating Machine Company, Wellston, Mo. Refrigerator heat interchanger. 2,171,239; Aug. 29.
Gygax, Ernest, St. Louis, assignor to Curtis Refrigerating Machine Company, Wellston, Mo. Refrigerating condensing unit. 2,178,100; Oct. 31.
Gylleck, Olaf T., Grand Haven, and F. Barney, Spring Lake, assignors to The Challenge Machinery Company, Grand Haven, Mich. Paper trimming machine. 2,175,461; Oct. 10.
Gyproc Products Limited. (See Cavadino, C. G. F., assignor.)
Gyro Process Company. (See Schutt, Hermann C., assignor.)
Gyure, Tom, Bakersfield, Calif. Motor vehicle brake. 2,156,178; Apr. 25.
H-B Instrument Company. (See Hiergesell, Valentine, assignor.)

H. B. Motor Corporation. (See Harper, William, Jr., assignor.)
H D Electric Company. (See Mitchell, Chester F., assignor.)
H & H Machine & Motor Parts Co. (See Michener, E. R., and Vollmer, assignors.)
H. & H. Machine & Motor Parts Co. (See Vollmer, Walter G., assignor.)
H. L. F. Company. (See McBride, Samuel R., assignor.)
H-T Band Socket Corporation. (See Taylor, Samuel Y., assignor.)
H-T Band Socket Corporation. (See Werner, Henry E., assignor.)
Haack, Theodore T. (See De Long, Dwight M., assignor.)
Haacke, Friedrich, Machias, N. Y. Oiler. 2,145,349; Jan. 31.

Haag, Ivan L., Lakewood, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of calcium arsenate. 2,166,246; July 18.
Haag, Johannes, Neunkirchen, Saar, Germany. Supporting plate for chill molds. 2,153,464; Apr. 4.
Haag, Johannes, Neunkirchen, Germany. Device for flues, chimneys, and the like. 2,181,232; Nov. 28.
Haag, Wolfgang. (See Hofmann, G., Haag, and Zorn.)
Haag, Wolfgang, Mannheim, G. Hofmann and H. Zorn, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of a high quality lubricating oil. 2,165,372; July 11.
Haage, Konrad. (See Dornfeld, R., and Haage.)
Haagen, Karl. (See Hagge, W., and Haagen.)
Haakh, Hermann. (See Frankmann, H., and Haakh.)
Haaland, Carl E., Marysville, Wash. Hammer mill. 2,148,022; Feb. 21.
Haar, Paul C., Cleveland, Ohio. Automatic photographic printing apparatus. 2,143,692; Jan. 10.
Haarhoff, Daniel V., Alberton, assignor to Anti-abradants (Proprietary) Limited, Johannesburg, Union of South Africa. Wear-resistant surface. 2,165,955; July 11.
Haas, Alvin, Peru, Ill. Jointer fence and the like. 2,183,190; Dec. 12.
Haas, Clarence C. (See Kriegbaum, G. M., and Haas.)
Haas, Frank C., Wyandotte, Mich., assignor, by mesne assignments, to Archer-Daniels-Midland Company, Minneapolis, Minn. Lubricant. 2,162,398; June 13.
Haas, Frederick C. (See Sassen, B., Ernst and Haas.)
Haas, Frederick S. (See Dall, A. H., and Haas.)
Haas, Frederick S., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,147,893; Feb. 21.
Haas, Frederick S., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,161,465; June 6.

Haas, Frederick S., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Blacklash-eliminating mechanism for machine tools. 2,163,836; June 27.
Haas, Jacob R., Chicago, Ill. Tool. 2,168,405; Aug. 8.
Haas, Joseph F. (See Wodack, O. P., and Haas.)
Haas, Lucien L. (See Starkweather, G. C., and Haas.)
Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,148,197; Feb. 21.

Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 2,173,299; Sept. 19.
Haas, Otto R., North Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 2,175,056; Oct. 3.
Haas, Paul, Maspeth, Long Island, N. Y., and W. T. Taber, Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electrical apparatus. 2,152,589; Mar. 28.
Haas, Paul C., Mendon, Mich. Flashlight. 2,176,301; Oct. 17.
Haase, Fritz, Wohlen, Switzerland. Fastening device. 2,178,302; Oct. 31.
Haase, Harold R., River Forest, Ill. Venetian blind. 2,172,657; Sept. 12.
Haase, Harold R., River Forest, Ill. Venetian blind. 2,182,804; Dec. 12.
Haase, Harold R., River Forest, Ill. Venetian blind. 2,183,289; Dec. 12.
Haase, Harold R., River Forest, Ill. Venetian blind. 2,183,290; Dec. 12.

Haase, Heinrich E., assignor to Industrial Patents Corporation, Chicago, Ill. Printing device. 2,148,550; Feb. 28.
Haase, Heinrich E., assignor to Industrial Patents Corporation, Chicago, Ill. Inking device. 2,156,758; May 2.
Haase, Theodor, Hermsdorf, Thuringia, assignor to C. Lorenz, Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Piezoelectric apparatus. 2,167,506; July 25.
Haase, Wilbert W., Forest Park, assignor to Wilbert W. Haase Co., Forest Park, Ill. Sectional burial apparatus. 2,163,171; June 20.
Haase, Wilbert W., assignor to Wilbert W. Haase Co., Forest Park, Ill. Power operable burial device. 2,163,172; June 20.
Haase, Wilbert W., assignor to W. W. Haase Co., Forest Park, Ill. Universal burial device. 2,163,173; June 20.
Haase, Wilbert W., assignor to W. W. Haase Co., Forest Park, Ill. Power attachment for burial devices. 2,163,174; June 20.
Haase, Wilbert W., Co. (See Haase, Wilbert W., assignor.)
Haast, William E., Hawthorne, N. J. Thermostatically controlled fuel enrichment device. 2,184,834; Dec. 26.
Habach, George F., Orange, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Pump impeller and method of assembling. 2,149,435; Mar. 7.
Habann, Erich, Berlin-Frohnau, and F. Gerth, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. High frequency receiver. 2,147,813; Feb. 21.
Habann, Erich, Berlin-Hessenwinkel, and F. Gerth, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. High frequency generator. 2,151,912; Mar. 28.

Habann, Erich, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Receiver for ultrashort waves. 2,161,291; June 6.
Habas, Walter F., and H. A. Bauer, assignors to B. F. Gump Co., Chicago, Ill. Apparatus and method for creasing bags. 2,154,743; Apr. 18.
Habel, Grant E., assignor to Grenadier Products Inc., Bronx, N. Y. Slip cover for automobile seat cushions. 2,143,314; Jan. 10.
Haber, Christian, Hechingen, and E. Haumann, Stetten, near Hechingen, Germany. Production of boots and shoes. 2,180,234; Nov. 14.

Haber, Christian, Hechingen, and E. Haumann, Stetten, near Hechingen, Germany. Device for finishing the soles of shoes. 2,180,807; Nov. 21.
Haberbush, Bruno A. (See Weinman, Frank X., assignor.)
Haberfeld, Erwin O., Berlin-Weissensee, Germany. Keyboard for typewriting machines and other commercial machines. 2,167,150; July 25.
Haberl, Karl. (See Stadler, R., and Haberl.)
Haberlin, John F., assignor to Boeing Aircraft Company, Seattle, Wash. Case and link receiver for aerial machine guns. 2,149,522; Mar. 7.
Haberlin, John F., assignor to Boeing Aircraft Company, Seattle, Wash. Shielded flexible gun mount and ammunition container therefor. 2,182,868; Dec. 12.
Habermann, Hans. (See Bernhard, A., Beyrich, and Habermann.)
Haberstump, Alfred H. (See Avery, C. W., and Haberstump.)

Haberstump, Alfred H., Detroit, Mich., assignor to The Murray Corporation of America. Supporting trim material in vehicle bodies. 2,143,943; Jan. 17.
Haberstump, Alfred H., Detroit, Mich., assignor to The Murray Corporation of America. Apparatus for preparing padded trim panels. 2,143,944; Jan. 17.
Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Forming inner trim panels. 2,150,030; Mar. 7.
Haberstump, Alfred H., Detroit, Mich., assignor to The Murray Corporation of America. Seal construction. 2,153,418; Apr. 4.
Haberstump, Alfred H., Detroit, Mich., assignor to The Murray Corporation of America. Vehicle seat. 2,160,015; May 30.
Haberstump, Alfred H., Detroit, Mich., assignor to The Murray Corporation of America. Vehicle seat. 2,160,016; May 30.
Haberstump, Alfred H., Detroit, Mich., assignor to The Murray Corporation of America. Convertible top for vehicle bodies. 2,162,347; June 13.
Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Forming inner trim panels. 2,166,435; July 18.
Haberstump, Alfred H., and A. J. Jarosik, assignors to The Murray Corporation of America, Detroit, Mich. Die. 2,169,798; Aug. 15.
Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Vehicle top. 2,176,131; Oct. 17.
Habgood, Bernard J., R. Hill, and L. B. Morgan, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Manufacture of rubberlike polymerization products. 2,161,038; June 6.
Habgood, Bernard J., R. Hill, and L. B. Morgan, Blackley, England, assignors to Imperial Chemical Industries Limited. Manufacture of polymerization products. 2,161,039; June 6.

Habgood, Bernard J., and L. B. Morgan, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Manufacture of rubber articles. 2,170,947; Aug. 29.
Habicht, George C., Snyder, N. Y. Cribbing construction. 2,159,556; May 23.
Habstritt, Stanley J., Bell, Calif. Traveling brush attachment for grain cleaners. 2,178,963; Nov. 7.
Hachmuth, Henry C., Comstock Park, Mich. Spraying device. 2,147,292; Feb. 14.
Hack, Frank W., Wauconda, Ill. Universal machine tool. 2,181,128; Nov. 28.
Hack, Johann, Montreal, Quebec, Canada. Machine for mounting bottles in cases. 2,171,650; Sept. 5.
Hack, Leonard. (See Hack, Nathan and L., and Lynxwiler.)

Hack, Morton, and D. R. Brady, assignors to Hack Shoe Co., Detroit, Mich. Orthopedic shoe. 2,156,086; Apr. 25.
Hack, Nathan, and D. R. Brady, assignors to Hack Shoe Company, Detroit, Mich. Shoe and insole forming last. 2,175,117; Oct. 3.
Hack, Nathan and L., Detroit, Mich., and T. L. D. Lynxwiler, Milwaukee, Wis., assignors to Hack Shoe Company, Detroit, Mich. Foot-measuring device. 2,175,116; Oct. 3.
Hack Shoe Company. (See Hack, N., and Brady, assignors.)
Hack Shoe Company. (See Hack, Nathan and L., and Lynxwiler, assignors.)
Hackbarth, Walter G., Milwaukee, Wis., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Sheet feed mechanism for printing presses. 2,143,514; Jan. 10.
Hackenberg, John H., Beechhurst, N. Y., and K. B. Eller, Metuchen, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. System for producing modulated currents. 2,142,940; Jan. 3.
Hacker, Henry J. (See Purvis, Joseph R., assignor.)
Hacker, Louis P., Overton, Tex. Snatch block. 2,162,080; June 13.
Hacker, Marcus L., Houston, Tex. Core barrel operated float valve. 2,162,578; June 13.
Hacker, Oskar, assignor to Steyr-Daimler-Puch A. G., Steyr, Austria. Automobile vehicle. 2,161,760; June 6.
Hacker, Owen E., assignor to The Stanley Manufacturing Company, Dayton, Ohio. Badge. 2,177,406; Oct. 24.
Hackert, John, New York, N. Y. Tooth brush and paste container. 2,177,455; Oct. 24.
Hackethal, Paul F. (See Lampton, G. T., and Hackethal.)
Hackett, William S., Wilkinsburg, Pa. Confection. 2,160,730; May 30.
Hacklander, Hans, Tinley Park, and H. J. Le Vesconte, Western Springs, assignors to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,158,562; May 16.
Hacklander, Hans, Tinley Park, and H. J. Le Vesconte, Western Springs, assignors to Union Special Machine Company, Chicago, Ill. Presser foot for sewing machines. 2,158,563; May 16.
Hacklander, Hans, Linden, N. J., and G. Sauer, Berwyn, assignors to Union Special Machine Company, Chicago, Ill. Sewing machine. 2,180,319; Nov. 14.
Hackman, James R., Wilmington, Del. Vibration device. 2,152,689; Apr. 4.
Hacmac, Edward R., Hollywood, Calif., assignor to Na-Mac Products Company. Liquid dispenser and mixer. 2,162,348; June 13.
Hacmac, Edward R., Hollywood, Calif., assignor to Na-Mac Products Company. Container closure and dispensing device. 2,169,239; Aug. 15.
Hacmac, Edward R., assignor to Na-Mac Products Corporation, Hollywood, Calif. Beater and mixer. 2,182,984; Dec. 12.
Hadaway, John B., Swampscott, Mass. Rod holder. 2,143,109; Jan. 10.
Hadaway, John B., Swampscott, Mass. Bait holder and hook. 2,157,333; May 9.
Hadaway, John B., Swampscott, Mass. Bait holder. 2,164,708; July 4.
Hadaway, John B., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Welt beating and slashing machine. 2,143,006; Jan. 10.
Hadden, Gilbert E., Chicago, Ill. Tooth brush. 2,161,349; June 6.
Haddock, Norman H., and C. H. Lumsden, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Dyestuffs. 2,158,283; May 16.
Haddon, Murray R. (See Lyons, M. F., and Kaplan, assignors.)
Haddon, Walter. (See Exley, W. H., and Haddon.)
Hadenfeldt, Hans, Berlin, Germany, and B. Blumenthal, New York, N. Y. Manufacture of wires of magnesium or alloys thereof. 2,149,436; Mar. 7.
Hadert, Hans, Berlin, Germany, assignor to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Making water printing inks. 2,170,198; Aug. 22.
Hadjisky, Joseph N., Birmingham, Mich. Insulating means. 2,164,815; July 4.
Hadler, Barholdt C. (See Coleman, G. H., and Hadler.)
Hadler, Bartholdt C. (See Britton, J. W., Coleman, and Hadler.)
Hadley Company, The. (See Ritter, Saul, assignor.)
Hadley Company, The. (See Tost, Charles R., assignor.)
Hadley, Donald L., and E. H. Lockwood, Mansfield, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lighting unit for ranges. 2,162,504; June 13.
Hadley, Harlan A., St. Johnsbury, Vt., assignor to Fairbanks, Morse and Company, Chicago, Ill. Automatic beam stop. 2,167,204; July 25.
Hadley, Harlan A., assignor to E. and T. Fairbanks and Company, St. Johnsbury, Vt. Photoelectric cell control for scales. 2,169,465; Aug. 15.
Hadley, Homer M., Seattle, Wash. Concrete laying and placing machine. 2,179,553; Nov. 14.
Hadley, Homer M., Seattle, Wash. Internal form and reinforced concrete construction. 2,179,554; Nov. 14.
Hadley, Walter E., Gary, Ind. Portable tar spraying machine. 2,151,100; Mar. 21.
Hadley, Wilfred N., Springfield, Vt. Thread clipping machine. 2,149,886; Mar. 7.
Hadsell, Charles E., Los Angeles, Calif. Refrigerating pad. 2,154,933; Apr. 18.
Hadwiger, O. E., and H. O. Schmidt, Pueblo, Colo. Sandpaper drum. 2,145,980; Feb. 7.
Haeberlin, Arthur, Zurich-Albisrieden, Switzerland. Dental pencil. 2,160,731; May 30.
Haeffner, Emil, assignor to Gemex Company, Newark, N. J. Bracelet construction. 2,157,076; May 2.
Haehnel, Wolfram. (See Herrmann, W. O., Baum, and Haehnel.)
Haemmerling, Friedrich. (See Buch, R., and Haemmerling.)
Haesler, John. (See Bouvet, R., and Haesler.)
Haeuber, Hans, and F. Winkler, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Thermal treatment of hydrocarbons. 2,147,838; Feb. 21.
Haeuber, Hans, and J. Hirschbeck, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of ethylene from saturated hydrocarbons. 2,154,676; Apr. 18.
Haeuber, Hans, and J. Hirschbeck, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of valuable liquid hydrocarbons. 2,159,148; May 23.
Hafer, Harry W., Winnett, Mont. Trailer bed. 2,156,850; May 2.
Haferkorn, Herbert O., Alliance, Ohio. Automobile jack. 2,149,248; Feb. 28.
Haferkorn, Herbert O., Alliance, Ohio. Double acting jack. 2,153,888; Apr. 11.
Haffcke, Philip M., Meriden, Conn., assignor to R. Malcolm, Brooklyn, N. Y. Static rejector. 2,146,068; Feb. 7.
Haffcke, Philip M., Washington, D. C. Suppressing noise in radio receivers. 2,180,355; Nov. 21.
Hafner, Raoul, Vienna, Austria. Rotary wing aircraft. 2,150,969; Mar. 21.
Hagan, Carl L., Portland, Oreg. Meat preparing instrument. 2,182,379; Dec. 5.
Hagan, Charles L., Beaver County, Okla. Hopper type oil stove or heater. 2,142,507; Jan. 3.
Hage, Walter, assignor of one-half to H. M. Anderson, Hillsboro, N. Dak. Platform mount and lift for windrowers. 2,161,814; June 13.
Hagedorn, Gerhard. (See List, H., and Hagedorn.)
Hagedorn, Max. (See Ossenbrunner A., Hagedorn, and Wilmanns.)
Hagedorn, Max. (See Schneider, W., and Hagedorn.)
Hagedorn, Max, Dessau, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of plastic masses. 2,157,697; May 9.
Hagelin, Boris, and B. Kock, Stockholm, Sweden. Show counter or display case. 2,158,420; May 16.
Hageman, Louis F., assignor to American Sales Book Company, Inc., Niagara Falls, N. Y. Pin feed attachment for autographic registers. 2,179,150; Nov. 7.
Hagemann, Emmy, sole heiress. (See Hagemann, Wilhelm.)
Hagemann, Wilhelm, deceased; E. Hagemann, sole heiress, Bonn-on-the-Rhine, Germany, assignor to Kuppers Metallwerk Kom.-Ges. Bonn. Soldering agent. 2,155,307; Apr. 18.
Hagemeyer, Henry F., assignor to Castings Patent Corporation, Chicago, Ill. Apparatus for producing molds. Re. 21,046; Apr. 11.
Hagen, Carl, Park Ridge, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Drying starch. 2,144,333; Jan. 17.
Hagen, Carl, Park Ridge, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Valve. 2,151,511; Mar. 21.
Hagen, Carl, Park Ridge, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Vacuum drier. 2,166,351; July 18.
Hagen, Gustav. (See Fikentscher, H., and Hagen.)
Hagen, Harold F., Dedham, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Fan system. 2,160,968; June 6.
Hagen, Harro. Leverkusen-Kuppersteg, I. Dennstedt, Cologne-Buchforst, and W. Becker, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Stabilized synthetic rubberlike materials. 2,175,082; Oct. 3.
Hagen, Hilmar R., Pottsville, assignor to The Philadelphia and Reading Coal and Iron Company, Philadelphia, Pa. Apparatus for controlling draft. 2,151,512; Mar. 21.
Hagen, John A., Passaic, N. J., assignor to Kaysam Corporation of America, Dover, Del. Manufacture of hollow articles of rubber. 2,153,184; Apr. 4.
Hagen, Oscar E., Neenah, Wis., assignor to International Cellucotton Products Company, Chicago, Ill. Machine for making sanitary napkins. 2,145,048; Jan. 24.
Hagen, Rudolf A., Grand Island, Nebr., assignor of one-half to C. J. Doran, and one-half to Coil Piston Ring Company of America, St. Louis, Mo. Piston ring. 2,160,654; May 30.
Hagen, Wilhelm. (See Hänlein, W., Hagen, and Krefft.)

Hagen, Wilhelm, Berlin, W. Thouret, Berlin-Wilmersdorf, and J. Kern, Berlin, Germany, assignors to General Electric Company. Electric lamp and similar devices. 2,159,794; May 23.

Hagen, Wilhelm, Berlin, and W. Thouret, Berlin-Wilmersdorf, Germany, assignors to General Electric Company. Gaseous electric discharge lamp device. 2,177,714; Oct. 31.

Hagenbook, Thurloe M., assignor to International Door Company, Evansville, Ind. Speed control mechanism. 2,142,310; Jan. 3.

Hagenbuch, Charles W., and F. A. McCoy, Kansas City, Mo., assignors to Sheffield Steel Corporation. Grinding ball. 2,182,805; Dec. 12.

Hagenbuch, Harry E., Oklahoma City, Okla. Draft control means for gas heaters. 2,183,099; Dec. 12.

Hagendorn, Joseph E., and J. Vervueren, Hewlett, N. Y. Pin tumbler lock. 2,149,733; Mar. 7.

Hagendorn, Joseph E., and J. Vervueren, Hewlett, N. Y. Fuse. 2,159,083; May 23.

Hagenhaus, Kurt. (See Dietrich, J., and Hagenhaus.)

Hagenhaus, Kurt, Berlin-Siemensstadt, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiver gain control circuits. 2,179,928; Nov. 14.

Hagenson, Peder, and M. F. Hanson, Detroit Lakes, Minn. Water heating coil. 2,143,874; Jan. 17.

Hager, David R., Portola, Calif. Clevis. 2,178,170; Oct. 31.

Hager, Onslow B. (See Powers, D. H., and Hager.)

Hager, Willett V. (See Hager, Wilson T., assignor.)

Hager, Wilson T., assignor to W. V. Hager, Erwinna, Pa. The incubation of eggs and hatching chickens, as well as pheasants and the like. 2,155,937; Apr. 25.

Hagerty, Andrew T., Elkhart, Ind., assignor to The Adlake Company. Basin fitting. 2,147,839; Feb. 21.

Hagerty, Andrew T., and C. M. Verhagen, Elkhart, Ind., assignors to The Adlake Company. Combination baggage rack and lighting fixture. 2,185,078; Dec. 26.

Hagerty, Michael L. P., assignor of one-half to W. B. Wreford, Detroit, Mich. Package and means for attaching match container thereto. 2,148,459; Feb. 28.

Hagerty, Richard H., Biscoe, Va. Cleat. 2,163,089; June 20.

Haggan, Samuel J. (See Coffin, J. E., and Haggan.)

Haggar, Robert W., Hamilton, Ontario, Canada. Electrical convenience outlet. 2,174,442; Sept. 26.

Hagge, Walter, Wolfen, Kreis Bitterfeld, and K. Haagen, Dessau in Anhalt, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Sulphur dyes. 2,147,160; Feb. 14.

Haggerty, Patrick E. (See Dennis, W. C., and Haggery.)

Hagist, Emil T., Glenside, Pa., and E. G. Johansson, Watertown, Mass. Wire clamp and connecter. 2,147,160; Feb. 14.

Haglund, Anna J., assignor of one-third to C. E. Haglund and one-third to A. J. Haglund, Los Angeles, Calif. Weaving frame. 2,177,981; Oct. 31.

Haglund, Antoinette J., et al. (See Haglund, Anna J., assignor.)

Haglund, Charles E., et al. (See Haglund, Anna J., assignor.)

Haglund, Gustaf, Storangen, at Stockholm, Sweden. Apparatus for producing bisulphite solutions. 2,147,161; Feb. 14.

Haglund, Gustaf, Storangen, at Stockholm, Sweden. Production of bisulphite solutions. 2,147,162; Feb. 14.

Haglund, Hakon H., New York, N. Y., and L. R. Foster, River Edge, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Message ejecting mechanism for telegraph printers. 2,160,139; May 30.

Hagner, Frances, Barstow, Md. Skirt marker. 2,153,799; Apr. 11.

Hagner, Frederick H. (See Saylor, Paul, Jr., assignor.)

Hagopian, Avides, Springfield, assignor to The L. S. Starrett Company, Athol, Mass. Combined parallel work support and clamp. 2,148,156; Feb. 21.

Hagopian, Vahan, assignor to Certain-teed Products Corporation, New York, N. Y. Design producing tile, 2,162,777; June 20.

Hagquist, Gustaf E. (See Rundell, R. E., and Hagquist.)

Hagstrom, Gotthard E., Hamden, assignor to H. B. Ives Co., New Haven, Conn. Rim friction catch. 2,175,348; Oct. 10.

Hagstrom, Joseph E., Adrian, Mich., assignor, by mesne assignments, to Globe Corporation, Chicago, Ill. Printing machine. 2,158,284; May 16.

Hague, Arthur G., Miami, assignor to Cummer Sons Cypress Company, Jacksonville, Fla. Container for fruit or vegetables. 2,147,340; Feb. 14.

Hague, Louis M., Rumson, assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Ventilated buff. 2,168,871; Aug. 8.

Hahl, Hans, L. Taub, and F. Leuchs, Wuppertal-Elberfeld, Germany, assignors, by mesne assignments, to Alba Pharmaceutical Company, Inc., New York, N. Y. Preserving and disinfecting media. 2,152,047; Mar. 28.

Hahn, Arthur M., Washington, D. C., assignor to Mathews Conveyer Company, Ellwood City, Pa. Articulated resilient conveyer. 2,158,364; May 16.

Hahn, Carl A., Kirkwood, Mo. Amalgamator. 2,168,619; Aug. 8.

Hahn, Clarence E. (See Brown, C. A., and Hahn.)

Hahn, Clarence E., and P. P. Shebel, Cleveland, Ohio, assignors to General Electric Company. Method of and apparatus for perforating glass bodies. 2,146,572; Feb. 7.

Hahn, Clarence L., Baltimore, Md. Roller spring alignment clamp. 2,178,905; Nov. 7.

Hahn, Edward, Kansas City, Mo. Measuring and dispensing cap for receptacles. 2,171,651; Sept. 5.

Hahn, Elmer L. (See Barnard, C. B., and Hahn.)

Hahn, Eugene, Brooklyn, N. Y. Soot blower. 2,163,489; June 20.

Hahn, Frank R., Decatur, Ill. Building construction and building element. 2,164,322; July 4.

Hahn, Frederick C. (See Ellsworth, D. C., and Hahn.)

Hahn, Frederick C., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,161,815; June 13.

Hahn, Georg, Frankfort-on-the-Main, Germany. Purified bee poison. 2,154,934; Apr. 18.

Hahn, Harry W., Glendale, and C. E. Keas, and E. P. Burke, Los Angeles, Calif. Structural member for buildings. 2,146,539; Feb. 7.

Hahn, Harry W., Glendale, C. E. Keas, and E. P. Burke, Los Angeles, Calif. Structural member for buildings. 2,146,540; Feb. 7.

Hahn, Mathew P. (See Lincoln, C. S., Hahn, and Rockafield.)

Hahn, Otto W., San Francisco, Calif., assignor to Industrial Research Laboratories, Ltd. Automatic gas and water regulator. 2,164,323; July 4.

Hahn, William C., Scotia, N. Y., assignor to General Electric Company. Automatic fidelity control. 2,170,475; Aug. 22.

Hahn, William D., Ann Arbor, Mich. Spaceband buffer for linotype machines. 2,144,969; Jan. 24.

Hahne, Werner H. (See Colby, M. R., Colvin, and Hahne.)

Hahnemann, Charles D. (See Allan, Henry E., assignor.)

Hahnemann, Walter M. (See Arendt, P., and Hahnemann.)

Hahnemann, Walter M., Berlin-Marienfelde, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Antenna structure. 2,147,814; Feb. 21.

Hahnemann, Walter M., Berlin-Marienfelde, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Radiating device. 2,161,292; June 6.

Hahnemann, Walter M., Berlin-Marienfelde, and A. Wiessner, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. System for transmitting communications. 2,184,835; Dec. 26.

Hähnle, Hermann, Giengen-on-the-Brenz, Germany. Obtaining power outputs. 2,164,134; June 27.

Hähnle, Walter, Berlin, assignor to Siemens and Halske, Aktiengesellschaft, Berlin-Siemensstadt, Germany. Arrangment for modulation. 2,144,655; Jan. 24.

Hähnle, Walter, Berlin-Spandau, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Circuit arrangement for the control of glow tubes. 2,146,818; Feb. 14.

Haig, Lealdas W., assignor to The Standard Transformer Company, Warren, Ohio. Terminal mounting. 2,152,379; Mar. 28.

Haigh, Leslie B. (See Hatton, W., Haigh, and Kozma.)

Haigh, Vaughn, Muncie, Ind., assignor, by mesne assignments, to Borg-Warner Corporation. Automatic transmission. 2,156,336; May 2.

Haigh, Willam D., Coulterville, Calif. Portable stock holder. 2,148,551; Feb. 28.

Hail, Carl, Albany, Tex. Gasoline hose nozzle attachment. 2,146,211; Feb. 7.

Hailes, William D., Brighton, assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,153,518; Apr. 4.

Hailes, William D., Brighton, assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,184,696; Dec. 26.

Hailes, William D., and D. F. De Long, assignors to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,170,141; Aug. 22.

Hailey, James, et al. (See Tilly, James O., assignor.)

Haines, Charles E., Santa Barbara, assignor to Pacific Giro Sales Co., Alameda, Calif. Aerial advertising device. 2,153,924; Apr. 11.

Haines, Donald G., Owensboro, Ky., assignor to Radio Corporation of America. Electron discharge modulating device. 2,148,266; Feb. 21.

Haines, George H., Caledonia, assignor to The Fairfield Engineering Company, Marion, Ohio. Mixing apparatus. 2,166,403; July 18.

Haines, James R. (See Andrews, H. B. and Haines.)

Haines, John E. (See Miller, L. B., and Haines.)

Haines, John E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system for steam jet refrigerating mechanism. 2,158,059; May 16.

Haines, John E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Compensating control system. 2,173,331; Sept. 19.

Haines, John E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system for air conditioners. 2,177,596; Oct. 24.

Haines, John E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Summer-winter air conditioning system. 2,177,597; Oct. 24.

Haines, John R., assignor to Detroit Macoid Corporation, Detroit, Mich. Cellulosic coating. 2,157,334; May 9.
Haines, Kenneth F., Somerville, assignor to Submarine Signal Company, Boston, Mass. Sound transmitting and receiving apparatus. 2,147,649; Feb. 21.
Haines, William D., Haddonfield, assignor of one-half to M. M. Serata, Bridgeton, N. J. Agricultural machine. 2,161,705; June 6.
Haines, William R., Long Beach, Calif. Arm rest. 2,178,788; Nov. 7.
Hainsworth, Arthur S., West Pittsburgh, assignor of one-third to J. V. Kaufmann, New Castle, one-sixth to J. H. Ritchie, and one-sixth to W. H. Ritchie, Pittsburgh, Pa. Automobile plate or tag. 2,182,919; Dec. 12.
Hainsworth, William R., Larchmont, assignor to Servel, Inc., New York, N. Y. Safety device for liquid fuel burners. 2,155,188; Apr. 18.
Hainsworth, William R., Larchmont, assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,172,958; Sept. 12.
Hair Accessories Inc. (See Wallace, F. C., and Leisy, assignors.)
Haislip, Albert S., Fredericksburg, Va. Portable camp stove. 2,158,236; May 16.
Haislip, Albert S., Fredericksburg, Va. Holder for frankfurters. 2,161,512; June 6.
Hait, James M., Los Angeles, assignor to Food Machinery Corporation, San Jose, Calif. Centrifugal pump. 2,145,597; Jan. 31.
Hait, James M., Los Angeles, assignor to Food Machinery Corporation, San Jose, Calif. Centrifugal pump. 2,145,598; Jan. 31.
Hait, James M., Los Angeles, Calif., assignor to Food Machinery Corporation. Method and apparatus for protecting pump bearings. 2,161,862; June 13.
Hait, James M., Los Angeles, Calif., assignor to Food Machinery Corporation. Electrical impeller positioning device for turbine pumps. 2,166,404; July 18.
Hait, James M., Los Angeles, Calif., assignor to Food Machinery Corporation. Mercury seal. 2,166,405; July 18.
Hait, James M., Los Angeles, assignor to Food Machinery Corporation, San Jose, Calif. Method and apparatus for classification of fruits and foodstuffs. 2,183,884; Dec. 19.
Hait, James M., San Marino, assignor to Food Machinery Corporation, San Jose, Calif. Pump lubricating apparatus. 2,158,696; May 16.
Hajicek, Ben, Hutchinson, Minn. Rural mail box. 2,149,050; Feb. 28.
Hake, Andreas. (See Kuss, E., Emert, and Hake.)
Hake, Donald S. (See Kinzie, C. J., and Hake.)
Hal, George L., Melrose, Mass. Luminous advertising device. 2,173,939; Sept. 26.
Haladik, Adam A. (See Farner, L. S., Beals, and Haladik.)
Halas, Joseph T., South Norwalk, Conn. Valve for oil burners. 2,173,838; Sept. 26.
Halay, John, Milwaukee, Wis. Vending cabinet. 2,173,782; Sept. 19.
Halbach, Karl, Dusseldorf, Germany. Road covering. 2,174,264; Sept. 26.
Halbach, Ralph H., Oakland, Calif. Illuminating flare. 2,144,056; Jan. 17.
Halberg, Maynord N., Schenectady, N. Y., assignor to General Electric Company. Motor control system. 2,144,530; Jan. 17.
Halberg, Maynord N., Schenectady, N. Y., assignor to General Electric Company. Motor control system. 2,144,531; Jan. 17.
Halberstadt, Ludwig, Halle, Germany. Recovering metals and paper. 2,160,500; May 30.
Haldeman, Albert A., Mutual, Okla, assignor of one-half to R. E. Gilchrist, Wichita, Kans. Well drilling apparatus. 2,168,707; Aug. 8.
Hale, Adolph A., Grand Haven, Mich. Machine and method for manufacturing bushings. 2,156,337; May 2.
Hale, Douglas A. S. (See Glass, M. S., and Hale.)
Hale, Elbert D., Glasgow, Mont. Pump. 2,184,496; Dec. 26.
Hale Fire Pump Co., The. (See Sargent, Richard B., assignor.)
Hale Fire Pump Co., The. (See Wendell, Evert J., assignor.)
Hale, Frank B., Bel Air, Md. Valve replacement mechanism. 2,169,241; Aug. 15.
Hale, Frank B., Bel Air, Md., and F. A. Logan, Sarasota, Fla. Filter impregnating machine. 2,170,142; Aug. 22.
Hale, Frank B., San Francisco, Calif. Periodic rotary switch. 2,167,750; Aug. 1.
Hale, Frank C., Spondon, near Derby, England, assignor to Celanese Corporation of America. Circular loom. 2,145,302; Jan. 31.
Hale, Frank C., Spondon, near Derby, England, assignor to Celanese Corporation of America. Shedding mechanism for circular looms. 2,173,163; Sept. 19.
Hale, Frank C., and F. S. Hardy, Spondon, near Derby, England, assignors to Celanese Corporation of America. Shuttle for circular looms. 2,154,900; Apr. 18.
Hale, Gerald, Chicago, and K. L. Scott, Western Springs, Ill., assignors, by mesne assignments, to Magnet-O-Signs Corporation. Magnet construction. 2,144,184; Jan. 17.
Hale, Jackson T., Atlanta, assignor to Automatic Press Appliance Company, Fulton County, Ga. Sheet feeding mechanism. 2,176,176; Oct. 17.
Hale, Joseph B., assignor to Eastman Kodak Company, Rochester, N. Y. Stabilization of polyvinyl acetal resins. 2,146,735; Feb. 14.
Hale, Lloyd, Westfield, N. J., and E. McM. Pennock, Excelsior, and E. E. Price, assignors to G. H. Tennant Company, Minneapolis; M. T. Price, Hennepin County, Minn., special administratrix of E. E. Price, deceased. Abrading implement and making and assembling the same. 2,185,027; Dec. 26.
Hale, William J., assignor to The Dow Chemical Company, Midland, Mich. Nitrogenous fertilizer. 2,142,965; Jan. 3.
Haley Cate Rockwood Company Inc. (See Boecker, Theodore J., assignor.)
Haley, James R., New York, assignor to Welbilt Stove Company, Inc., Maspeth, Long Island, N. Y. Broiler oven and pull-out drawer thereof. 2,155,654; Apr. 25.
Haley, Timothy, assignor of one-half to G. R. Krumholtz, Springfield, Ohio. Sewer cleaning tool. 2,158,577; May 16.
Halgar, Inc. (See de la Garza, Carlota, assignor.)
Halgar, Inc. (See Hall, Frank G., assignor.)
Halkias, Theodore. (See West, Claude J., assignor.)
Hall, Arthur, assignor, by mesne assignments, to P. R. Mallory & Co., Inc., Indianapolis, Ind. Switch. 2,177,481; Oct. 24.
Hall, Arthur, assignor, by mesne assignments, to P. R. Mallory & Co., Inc., Indianapolis, Ind. Circuit altering device. 2,177,482; Oct. 24.
Hall, Arthur H., Vancouver, British Columbia, Canada. Board game apparatus. 2,180,049; Nov. 14.
Hall, Arthur S. (See Bell, Samuel J., assignor.)
Hall, Benjamin F., London, England. Electrically driven erasing machine. 2,143,124; Jan. 10.
Hall Brothers, Inc. (See Johntz, Margaret L., assignor.)
Hall, C. M., Lamp Company. (See Taylor, Arnold N., assignor.)
Hall, C. M., Lamp Company. (See Taylor, A. N., and Worden, assignors.)
Hall, C. M., Lamp Company. (See Worden, N. P., and Foley, assignors.)
Hall, Carlos and F., assignors of one-third to H. H. Hallett, Mexico, D. F., Mexico. Double cavity mold for for manufacture of rubber heels and the like. 2,145,653; Jan. 31.
Hall, Cecil R. L. (See Taylor, W., and Hall.)
Hall, Charles L., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Strip fastener. 2,152,590; Mar. 28.
Hall, Charles L., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastener attaching plate for upholstery installations. 2,166,052; July 11.
Hall, Charles P., and C. R. Tucker, Pearson, Okla. Shock absorber for walking beams. 2,164,709; July 4.
Hall, Charles R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Container closure. 2,182,492; Dec. 5.
Hall, Charles W., Long Beach, Calif. Pump operating mechanism. 2,144,149; Jan. 17.
Hall, Chester I., Schenectady, N. Y., assignor to General Electric Company. Condition responsive control. 2,145,722; Jan. 31.
Hall, Chester I., Schenectady, N. Y., assignor to General Electric Company. Coffee maker. 2,168,158; Aug. 1.
Hall, Chester I., Schenectady, and C. M. Hathaway, Niskayuna, N. Y., assignors to General Electric Company. Temperature control device. 2,158,857; May 16.
Hall, Clarence B., Schenectady, N. Y., assignor to General Electric Company. Flooded evaporator. 2,145,721; Jan. 31.
Hall, Claude C., Portland, Oreg. Feed forming machine. 2,144,054; Jan. 17.
Hall, Claude C., Portland, Oreg. Extrusion machine for forming compressed feeds. 2,144,055; Jan. 17.
Hall, Corliss W., Middletown, Ohio. Direction indicator for vehicles. 2,179,889; Nov. 14.
Hall, Daniel C. and W. M., assignors of one-half to H. L. Lyons, Pompano, Fla. Row cultivating implement. 2,146,337; Feb. 7.
Hall, Donald R., Beloit, Wis., assignor to Gardner Machine Company, South Beloit, Ill. Grinding machine. 2,142,444; Jan. 3.
Hall, Donald R., Beloit, Wis., assignor to Gardner Machine Company, South Beloit, Ill. Wheel dressing device. 2,148,120; Feb. 21.
Hall, Donald R., assignor to Gardner Machine Company, South Beloit, Ill. Grinding machine. 2,148,744; Feb. 28.
Hall, Donald R., Chicago, assignor to Gardner Machine Company, South Beloit, Ill. Work fixture. 2,159,267; May 23.
Hall, Donald R., Beloit, Wis., assignor to Gardner Machine Company, South Beloit, Ill. Control apparatus for grinding machines. 2,168,596; Aug. 8.
Hall, Donald R., Oakland, and E. G. Danielson, assignors to Remler Company, Ltd., San Francisco, Calif. Loudspeaker system. 2,147,894; Feb. 21.
Hall, E. B., et al. (See Pieper, Howard K., assignor.)
Hall, Earl C., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Coating interior surfaces of hollow articles. 2,146,819; Feb. 14.

Hall, Edward H., Chicago, Ill. Clutch for die press or the like. 2,166,004; July 11.
Hall, Edwin S., New Haven, Conn. Internal combustion engine. 2,150,162; Mar. 14.
Hall, Edwin S., New Haven, Conn. Engine mechanism. 2,152,351; Mar. 28.
Hall, Edwin S., New Haven, Conn. Typewriting machine. 2,175,602; Oct. 10.
Hall, Edwin S., New Haven, Conn., assignor to Griplock, Inc., New York, N. Y. Machine for making wire straps. 2,142,508; Jan. 3.
Hall, Edwin S., New Haven, Conn., assignor to Griplock, Inc., New York, N. Y. Machine for making wire straps. 2,142,509; Jan. 3.
Hall, Elisha W., Scituate, Mass. Making a buffing wheel or wheel section and the product thereof. 2,165,752; July 11.
Hall, Elwin B. (See Armentrout, A. L., and Hall.)
Hall, Elwin B., et al. (See Werts, Richard A., assignor.)
Hall, Elwin B., and A. L. Armentrout, Los Angeles, Calif. Drillable well liner. 2,155,129; Apr. 18.
Hall, Elwin B., Los Angeles, and A. L. Armentrout, Santa Maria, assignors to Security Engineering Co., Inc., Whittier, Calif. Well liner. 2,155,370; Apr. 18.
Hall, Elwin B., and A. L. Armentrout, Los Angeles, Calif., assignors to Security Engineering Co. Inc. Method and apparatus for repairing well liners, casings, etc. 2,160,804; May 30.
Hall, Elwin B., and A. L. Armentrout, assignors of one-third to V. P. Baker, Los Angeles, Calif. Liner hanger. 2,171,847; Sept. 5.
Hall, Eric E., Chicago, Ill. Golf club grip. 2,160,656; May 30.
Hall, Ernest A., assignor to The Hall Manufacturing Company, Toledo, Ohio. Pilot for valve seat facing tools. 2,150,621; Mar. 14.
Hall, Ernest A., assignor to The Hall Manufacturing Company, Toledo, Ohio. Collet construction. 2,176,071; Oct. 17.
Hall, Fernando. (See Hall, Carlos and F.)
Hall, Frances C., New York, N. Y. Hose supporter. 2,142,645; Jan. 3.
Hall, Frank G., assigno to Halgar, Inc., Chicago, Ill. Permanent wave apparatus. 2,162,081; June 13.
Hall, Frank L., Cincinnati, Ohio. Wheel machining apparatus. 2,152,380; Mar. 28.
Hall, Frank W., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Process and apparatus for separating laminated glass sheets. 2,156,688; May 2.
Hall, Frank W., assignor to The Texas Company, New York, N. Y. Solvent refining mineral oil. 2,166,005; July 11.
Hall, Fred B., F. G. Treat, Worcester, and H. F. Walton, Holden, assignors to Riley Stoker Corporation, Worcester, Mass. Hydraulic motor. 2,165,966; July 11.
Hall, Frederick W., assignor to Richards-Wilcox Canadian Company, Limited, London, Ontario, Canada. Door operator. 2,156,473; May 2.
Hall, George W., Bridgeport, Conn. Temporary protective covering for bathtubs. 2,143,267; Jan. 10.
Hall, George W., Lewiston, assignor to American Sales Book Company, Inc., Niagara Falls, N. Y. Manifolding set. 2,170,241; Aug. 22.
Hall-Gregg, Inc. (See Shields, Edward J., assignor.)
Hall, Harold R., Cleveland Heights, and G. W. Conner, Cleveland, Ohio. Dentists' gold-recovering drain attachment. 2,163,837; June 27.
Hall, Harry, et al. (See Rice, E. W., and Buchele, assignors.)
Hall, Harry C., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Gang switch. 2,177,483; Oct. 24.
Hall, Harry V. M., Berkeley, Calif. Motorboat driving mechanism. 2,179,626; Nov. 14.
Hall, Henry L. (See Jones, Arthur B., assignor.)
Hall, Henry L., Streatham, London, England. Sparking plug. 2,163,362; June 20.
Hall, Hettie M., Ocean Beach, Calif. Stay-bib bonnett apron. 2,156,495; May 2.
Hall, Horace E., Sea Cliff, N. Y. Fermentation process for solvent manufacture. 2,147,487; Feb. 14.
Hall, Isaac L., assignor to C. G. Sargent's Sons Corporation, Graniteville, Mass. Chain drive. 2,185,079; Dec. 26.
Hall, Isaiah, London, England. Crucible furnace. 2,175,462; Oct. 10.
Hall, James H., Yakima, Wash. Topped beet gathering and loading machine. 2,144,970; Jan. 24.
Hall, James S., Methuen, assignor to Emmons Loom Harness Company, Lawrence, Mass. Free spring metal reed. 2,172,972; Sept. 12.
Hall, John H., Germantown, assignor to Birdsboro Steel Foundry and Machine Company, Birdsboro, Pa. Manufacture of foundry molds. 2,144,532; Jan. 17.
Hall, John H., Philadelphia, assignor to Birdsboro Steel Foundry & Machine Company, Birdsboro, Pa. Manufacture of foundry molds. 2,169,384; Aug. 15.
Hall, John H., Philadelphia, assignor to Birdsboro Steel Foundry & Machine Company, Birdsboro, Pa. Manufacture of foundry molds. 2,169,385; Aug. 15.
Hall, John H., Philadelphia, assignor to Birdsboro Steel Foundry & Machine Company, Birdsboro, Pa. Manufacture of foundry molds. 2,169,386; Aug. 15.
Hall, Joseph F., Walpole, Mass. Type case. 2,148,235; Feb. 21.
Hall Laboratories, Inc. (See Bell, Edward B., assignor.)
Hall Laboratories, Inc. (See Draisbach, Fritz, assignor.)
Hall Laboratories, Inc. (See Hall, Ralph E., assignor.)
Hall Laboratories, Inc. (See Schwartz, Charles, assignor.)
Hall Laboratories, Inc. (See Smith, George W., assignor.)
Hall Laboratories, Inc. (See Wilson, John A. assignor.)
Hall, Lewis H., Chicago, Ill. Artificial golf green. 2,173,014; Sept. 12.
Hall, Lincoln, Los Angeles, Calif. Cord dispenser. 2,143,481; Jan. 10.
Hall, Lloyd A. (See Griffith, C. L., and Hall.)
Hall, Lloyd A., Chicago, Ill., assignor to The Griffith Laboratories, Inc. Homogeneous alkaline detergents and producing same. 2,142,871; Jan. 3.
Hall, Lloyd A., assignor to The Griffith Laboratories, Inc., Chicago, Ill. Stabilized nitrite salt composition. 2,145,417; Jan. 31.
Hall, Lloyd A., and C. L. Griffith, Chicago, assignors to The Griffith Laboratories, Inc. Alkaline detergent compound. 2,142,870; Jan. 3.
Hall, Malcolm B., assignor to The Foxboro Company, Foxboro, Mass. Liquid level indicator. 2,158,785; May 16.
Hall Manufacturing Company, The. (See Hall, Ernest A., assignor.)
Hall, Marvin H., Brady, Nebr. Wire stretcher and splicer. 2,151,027; Mar. 21.
Hall & McChesney, Inc. (See Cooper, J., and Baule, assignors.)
Hall & McChesney, Inc. (See Cooper, J., and Wall, assignors.)
Hall & McChesney, Inc. (See McChesney, D. and Cooper, assignors.)
Hall, Ocie C., Chicago, Ill., assignor to The Barrett Company, New York, N. Y. Shingle. 2,184,385; Dec. 26.
Hall, Peter P-G., assignor to The Hall Planetary Company, Philadelphia, Pa. Milling machine. 2,177,319; Oct. 24.
Hall Planetary Company, The. (See Hall, Peter P-G., assignor.)
Hall Planetary Company, The. (See Leisner, Henry J., assignor.)
Hall, Preston M., Worcester, Mass. Welding machine. 2,154,935; Apr. 18.
Hall, Preston M., Worcester, Mass., assignor to American Chain & Cable Company, Inc., New York, N. Y. Tread link for tire chains. 2,180,098; Nov. 14.
Hall, Ralph E., Mount Lebanon, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Laundry starch and using the same. 2,149,734; Mar. 7.
Hall, Ralph J., Lead, S. Dak. Mechanical classifier. 2,172,792; Sept. 12.
Hall, Ralph W., Fort Wayne, Ind., assignor to General Electric Company. Dynamo-electric machine. 2,180,983; Nov. 21.
Hall, Ralph W., and H. A. Smith, Fort Wayne, Ind., assignors to General Electric Company. Dynamo-electric machine. 2,169,097; Aug. 8.
Hall, Randolph F., Rochester, N. Y. Airplane. 2,166,292; July 18.
Hall, Richard W., assignor to C. G. Sargent's Sons Corporation, Graniteville, Mass. Conveyer chain. 2,157,289; May 9.
Hall, Robert R., Garden City, N. Y. Connecting mechanism. 2,183,138; Dec. 12.
Hall, Robert S., and R. Denhard, Detroit, Mich. Sawfiling apparatus. 2,166,567; July 18.
Hall, Samuel N., Tujunga, Calif. Pipe wrench. 2,177,485; Oct. 24.
Hall, Selden H., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Liquid flowing regulating means. 2,167,837; Aug. 1.
Hall, Thomas W. (See Terry, S. B., and Hall.)
Hall, Wayne L. (See McGrath, L. J., and Hall.)
Hall-Welter Co. (See Skeen, Lawrence H., assignor.)
Hall-Welter Co. (See Welter, Herman C., assignor.)
Hall, Willard C., Jr., assignor to Thomas H. Hearn, Los Angeles, Calif. Induction timer. 2,164,915; July 4.
Hall, William D., West Lynn, Mass., assignor to General Electric Company. Compensating means for long-scale watt-meters. 2,154,307; Apr. 11.
Hall, William D., Elkins, W. Va. Control system. 2,159,658; May 23.
Hall, William F., assignor to Sprout, Waldron & Company, Muncy, Pa. Material handling apparatus. 2,149,289; Mar. 7.
Hall, William H., Jr., assignor to Thermoid Company, Trenton, N. J. Fabric spreading means. 2,164,241; June 27.
Hall, William J., Detroit, Mich., assignor, by mesne assignments, to W. J. Hall, O. L. Herron, W. M. Zimmers, and R. C. Schemmel. Hood construction. 2,183,809; Dec. 19.
Hall, William M. (See Hall, Daniel C. and W. M.)
Hallbauer, Otto, Grantwood, assignor of one-half to H. Bodenmann, North Bergen, N. J. Illuminating device for pocketbooks or like receptacles. 2,179,214; Nov. 7.
Hallbauer, Otto, Grantwood, assignor of one-half to H. Bodenman, North Bergen, N. J. Vanity case. 2,185,149; Dec. 26.
Hallberg, Henry T., Chicago, Ill. Tee off apron. 2,165,479; July 11.
Hallberg, Oscar J., Blackfoot, Idaho. Beet topper. 2,144,879; Jan. 24.

Hallden, Frederick G., Bellerose, assignor to Postal Telegraph-Cable Company (New York), New York, N. Y. Single line telegraph repeater. 2,176,963; Oct. 24.
Hallden, Frederick G., Bellerose, assignor to Postal Telegraph-Cable Company (New York), New York, N. Y. Call circuit recorder. 2,182,339; Dec. 5.
Hallden, Karl W., Thomaston, Conn. Adjustable drive. 2,144,307; Jan. 17.
Hallden, Karl W., Thomaston, Conn. Flying cutting device. 2,144,308; Jan. 17.
Hallden, Karl W., Thomaston, Conn. Flying cutting device. 2,180,202; Nov. 14.
Hallden, Karl W., Thomaston, Conn. Flying cutting device. 2,180,203; Nov. 14.
Hallden, Karl W., assignor to The Hallden Machine Company, Thomaston, Conn. Rotary cutting device. 2,180,204; Nov. 14.
Hallden Machine Company, The. (See Hallden, Karl W., assignor.)
Halle, Kurt, Berlin-Zehlendorf-West, assignor to Dinglerwerke Aktiengesellschaft, Zweibrucken, (Pfalz), Germany. Valve. 2,151,596; Mar. 21.
Hallenbeck, George E., assignor to Baker Brothers, Inc., Toledo, Ohio. Instrument of precision. 2,143,241; Jan. 10.
Hallensleben, Rudolph. (See Henderson, James W., assignor.)
Haller, Arnold, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Disk brake. 2,180,677; Nov. 21.
Haller, Arnold, and H. Thommen, assignors to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric circuit breaker. 2,144,372; Jan. 17.
Haller, Cyrus W., Marblehead, assignor to Hygrade Sylvania Corporation, Salem, Mass. Making contactor bases for electric lamps, tubes, and the like. 2,158,044; May 9.
Haller, Josef, Leverkusen-I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo dyestuffs. 2,161,622; June 6.
Haller, Robert. (See Widmer, G., Haller, Landolt, and Schürch.)
Halleran, Henry T., Roselle, and R. Carlon, Elizabeth, N. J., assignors to Simmons Company, New York, N. Y. Glider. 2,169,728; Aug. 15.
Hallerberg, Theodore W. (See Mieras, M. A., and Hallerberg.)
Hallerberg, Theodore W., Chicago, Ill., assignor, by mesne assignments, to United Specialties Company, Detroit, Mich. Apparatus for cleaning air. Re. 21,272; Nov. 21.
Hallerberg, Theodore W., Chicago, Ill., assignor, by mesne assignments, to United Specialties Company, Detroit, Mich. Apparatus for cleaning air. 2,179,229; Nov. 7.
Hallett, Albert D. (See Trump, E. N., and Hallett.)
Hallett, Harry H. (See Hall, Carlos and F., assignors.)
Hallgarth, Horace M., Galva, Kans. Deep well motor pump. 2,144,186; Jan. 17.
Halliburton, Erle P., Los Angeles, Calif., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Formation tester. 2,169,559; Aug. 15.
Halliburton, Erle P., Los Angeles, Calif., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Packer. 2,173,903; Sept. 26.
Halliburton, Erle P., Los Angeles, Calif., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Apparatus for removing devices from wells. 2,177,886; Oct. 31.
Halliburton Oil Well Cementing Company. (See Babcock, Earl, assignor.)
Halliburton Oil Well Cementing Company. (See Bradshaw, John R., assignor.)
Halliburton Oil Well Cementing Company. (See Cooper, Carl W., assignor.)
Halliburton Oil Well Cementing Company. (See Guest, John, assignor.)
Halliburton Oil Well Cementing Company. (See Halliburton, Erle P., assignor.)
Halliburton Oil Well Cementing Company. (See Hanes, Dean, assignor.)
Halliburton Oil Well Cementing Company. (See McClendon, W. R., and Owsley, assignors.)
Halliburton Oil Well Cementing Company. (See Menaul, Paul L., assignor.)
Halliburton Oil Well Cementing Company. (See Morrisett, O. L., assignor.)
Halliburton Oil Well Cementing Company. (See O'Donnell, Roland E., assignor.)
Halliburton Oil Well Cementing Company. (See Owsley, William D., assignor.)
Halliburton Oil Well Cementing Company. (See Owsley, W. D., and Seeber, assignors.)
Halliburton Oil Well Cementing Company. (See Robidoux, Finley T., assignor.)
Halliburton Oil Well Cementing Company. (See Savitz, Christian W., assignor.)
Halliburton Oil Well Cementing Company. (See Scaramucci, Domer, assignor.)
Halliburton Oil Well Cementing Company. (See Simmons, John T., assignor.)
Halliburton Oil Well Cementing Company. (See Weiler, John E., assignor.)
Halliday, Thomas W. (See Tschudy, W., and Halliday.)
Hamgan, Clair W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,152,475; Mar. 28.
Halligan, Clair W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,164,033; June 27.
Halligan, Clair W., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission system. 2,167,069; July 25.
Hallikas, Theodore, Marley Neck Road, Md. Bit brace. 2,142,750; Jan. 3.
Hallinan, William W., Seattle, Wash. Oil burner for ranges. 2,148,617; Feb. 28.
Hallisy, James, Parma, Ohio. Erecting concrete structures. 2,150,830; Mar. 14.
Hallock, Robert L., Larchmont, N. Y. Shelf, especially for refrigerators. 2,173,108; Sept. 19.
Hallonquist, Earl G. (See Britton, E. C., Le Fevre, and Hallonquist.)
Halloran, Ralph A., and A. L. Lyman, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Dewaxing of petroleum oils. 2,150,501; Mar. 14.
Hallot, Paul, Paris, France. Automatic regulating device for brakes. 2,163,731; June 27.
Hallowell, Howard T., Jenkintown, and F. A. Bennett, Philadelphia, assignors to Standard Pressed Steel Co., Jenkintown, Pa. Pressed metal leg structure. 2,157,955; May 9.
Hallquist, Einar G., Wallingford, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,148,942; Feb. 28.
Hallquist, Einar G., Wallingford, and W. M. Sheehan, Merion, Pa., assignors to General Steel Castings Corporation, Granite City, Ill. Railway vehicle. 2,163,257; June 20.
Hallstead, Leon A., Grand Island, N. Y. Piston. 2,174,417; Sept. 26.
Hallsten, Erik V., Bergasvagen, Sweden. Central heating plant. 2,148,351; Feb. 21.
Hallstream, Henning, Braintree, Mass, assignor, by mesne assignments, to Dexter Folder Company, Pearl River, N. Y. Paper feeding machine. 2,144,057; Jan. 17.
Hallstream, Henning, Braintree, Mass, assignor, by mesne assignments, to Dexter Folder Company, Pearl River, N. Y. Bank feeding mechanism for paper feeding machines. 2,144,058; Jan. 17.
Hallström, Nils A. I., assignor to Svenska Aktiebolaget Gasaccumulator, Stockholm, Sweden. Solid fuel burning device. 2,151,970; Mar. 21.
Hallum, Henry A., Seattle, Wash. Gas pressure regulator. 2,148,618; Feb. 28.
Haloid Company, The. (See Sabel, Edward R., assignor.)
Halstead, John F., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Cigar machine. 2,156,284; May 2.
Halstead, John F., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Cigar bunch shaping machine. 2,157,125; May 9.
Halstead, John F., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Wrapper cutting and delivering mechanism. 2,157,536; May 9.
Halstead Products Company. (See Curtis, Charles C., assignor.)
Halteman, Ellsworth C., Dayton, Ohio. Flush ball. 2,142,393; Jan. 3.
Haltenberger, Jules, Ann Arbor, Mich. Automobile. Re. 21,138; July 4.
Halter, Joseph, et al. (See Pagliaroni, John V., assignor.)
Haltmeier, Alfred, Cologne, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Recovering ammonia from used cuprammonium artificial silk precipitation liquors. 2,184,923; Dec. 26.
Haluss, Hans C., New Westminster, British Columbia, Canada. Electric hair brush. 2,172,024; Sept. 5.
Halverson, Alvin G., Houston, Minn. Rotary engine abutment and operating means therefor. 2,149,767; Mar. 7.
Halvorsen, Arthur L., Staten Island, N. Y. Asphalt emulsions and making same. 2,157,698; May 9.
Halvorsen, Elmer W. (See Bergevin, C. R., and Halvorsen.)
Halvorsen, Olaf, Chicago, Ill. Key case. 2,183,453; Dec. 12.
Ham, Garnet P. (See Jones, L. C., Barnes, and Ham.)
Ham, Garnet P., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Photographic developing medium producing fine grain results. 2,156,626; May 2.
Ham, Garnet P., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Blue print coating. 2,165,166; July 4.
Ham, Garnet P., Old Greenwich, and R. B. Barnes, Stamford, Conn., assignors to American Cyanamid Company, New York, N. Y. Stabilization of blue-print coatings. 2,166,546; July 18.
Ham, Garnet P., Old Greenwich, Conn., assigner to American Cyanamid Company, New York, N. Y. Blue print coating. 2,172,319; Sept. 5.
Ham, Garnet P., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Photographic fixer. 2,179,242; Nov. 7.
Hamaguchi, Kaijiro, Setagaya-ku, Tokyo, Japan. Emergency brake for automobiles. 2,143,553; Jan. 10.
Hamalainen, Toivo, Finlayson, Minn. Antiskid device for vehicle wheels. 2,169,950; Aug. 15.

Hamann, Charles, Port Chester, N. J., assignor to H. Scarborough, Milwaukee, Wis. Bottle washer. 2,144,759; Jan. 24.
Hamann, Christel, Neu-Babelsberg, near Berlin, assignor to Deutsche Telephonwerke und Kabelindustrie Aktiengesellschaft, Berlin, Germany. Calculating machine. 2,170,406; Aug. 22.
Hamann, Karl, Krefeld-Uerdingen, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of polymer carboxylic acids and derivatives thereof. 2,163,238; June 20.
Hamant, Edward W. (See Casto, L. V., Von Webern, and Hamant.)
Hamant, Edward W., Dayton, Ohio, assignor to Oxford Varnish Corporation, Detroit, Mich. Inking system for surface-decorating machines. 2,170,817; Aug. 29.
Hamant, Edward W., Dayton, Ohio, assignor to Oxford Varnish Corporation, Detroit, Mich. Surface decorating apparatus. 2,176,765; Oct. 17.
Hamberger, John. (See Schauer, Adolf, assignor.)
Hamberger, John, New York, N. Y. Tamperproof closure. 2,162,711; June 20.
Hamberger, John, Richmond Hill, N. Y. Container and closure therefor. 2,162,712; June 20.
Hamberger, John, Richmond Hill, and A. Schauer, Ridgewood, N. Y., said Schauer, assignor to said Hamburger. Tamperproof closure. 2,162,713; June 20.
Hambidge, John J. (See Frame, W. J., and Hambidge.)
Hamblet, Boyd, Taft, Calif. Cooking utensil. 2,176,400; Oct. 17.
Hamblet, Byard, New York, N. Y. Toy. 2,172,937; Sept. 12.
Hamblin, Clyde M., Washington, D. C. Vibration dampening fitting. 2,162,714; June 20.
Hamblin, Clyde M., Washington, D. C. Welding pipe joints. 2,173,109; Sept. 19.
Hamblin, Clyde M., Washington, D. C. Mechanical foam generator. 2,183,561; Dec. 19.
Hamblin, Edward T., Winnipeg, Manitoba, Canada. Ore crusher. 2,144,185; Jan. 17.
Hamblin, John W., Lima, Pa. Power transmission apparatus. 2,148,352; Feb. 21.
Hambrick Products Corporation. (See Hambrick, William A., Jr., assignor.)
Hambrick, William A., Jr., San Francisco, Calif., assignor to Hambrick Products Corporation. Device for treating the hair. 2,171,725; Sept. 5.
Hambright, Harry G., et al. (See Maxwell, Walter, assignor.)
Hamby, William I. (See Schellens, E. L., and Hamby.)
Hamby, William I., Great Neck, assignor to Servel, Inc., New York, N. Y. Refrigerator shelf. 2,149,603; Mar. 7.
Hamel, Charles F., New York, N. Y. Operating means for receptacle closures. 2,182,432; Dec. 5.
Hamel, Henri, St. Jerome, Quebec, Canada. Electric toaster. 2,182,229; Dec. 5.
Hamel, J. Samuel. (See Jones, B., and Hamel.)
Hamer, William D., Indianapolis, Ind., assignor to James R. Kearney Corporation, St. Louis, Mo. Grounding device. 2,179,720; Nov. 14.
Hamer, William T., assignor to Eagle Pencil Company, New York, N. Y. Pen point. 2,175,349; Oct. 10.
Hamersley Manufacturing Company, The. (See Thor, Nils G., assignor.)
Hames, Frederick W., New York, assignor to J. A. Deknatel & Son, Inc., Queens Village, N. Y. Suture. 2,153,889; Apr. 11.
Hamill, George H., Grandfield, Okla. Plow. 2,151,270; Mar. 21.
Hamill, Ret O., Elmhurst, N. Y., assignor to Sangamo Electric Company, Springfield, Ill. Maximum demand register. 2,147,895; Feb. 21.
Hamill, William W., Chigwell, England. Shock-absorbing steering wheel for automobiles. 2,166,931; July 25.
Hamill, William W., Woodlands, Forest Lane, Chigwell, England, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Manufacture of disk wheels. 2,170,617; Aug. 22.
Hamill, William W., Forest Lane, Chigwell, England. Wall plug for insertion in walls, floors, ceilings, and other places. 2,172,125; Sept. 5.
Hamilton, Alan G., and E. C. Perkins, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Process and apparatus for extraction. 2,183,837; Dec. 19.
Hamilton, Alfred E., Pittsburgh, and L. M. Stempel, Coraopolis, Pa. Grinding machine. 2,156,453; May. 2.
Hamilton, Alfred F., Seattle, Wash. Game board. Re. 21,292; Dec. 12.
Hamilton Autographic Register Company, The. (See Roosevelt, M. S., and Bezold, assignors.)
Hamilton, Charles H. (See Trader, W. S., Hamilton, and Finley.)
Hamilton, Charles W. F., Fairlie, New Zealand. Apparatus for the elevation and disposal of spoil. 2,147,530; Feb. 14.
Hamilton, Curtis L., Baxley, Ga. Drop pipe for gins. 2,178,934; Nov. 7.
Hamilton, Don A., Salt Lake City, Utah. Installation of structural glass. 2,151,597; Mar. 21.
Hamilton, Douglas T., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Gear generating tool. 2,179,230; Nov. 7.
Hamilton, Evan L., Jr. Middletown Ohio. Aligning arrangement for printing presses. 2,172,279; Sept. 5.
Hamilton Foundry and Machine Company, The. (See Judge, Joseph D., assignor.)
Hamilton, Francis C., Evanston, Ill., assignor of one-half to L. R. Schuessler, St. Louis, Mo. Beverage dispensing assembly. 2,150,439; Mar. 14.
Hamilton, Francis E., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Card handling machine. 2,150,220; Mar. 14.
Hamilton, Francis F., and A. R. Lundquist, Miami, Fla. Nail coating stencil. 2,180,519; Nov. 21.
Hamilton, Glen W., Kansas City, and V. H. Rowlett, St. Louis, Mo. Combined match box and tray. 2,151,426; Mar. 21.
Hamilton, John, San Francisco, Calif. Book support. 2,165,255; July 11.
Hamilton, Karl M., Chicago, Ill., assignor to The Bettendorf Company, Bettendorf, Iowa. Hopper construction. 2,184,924; Dec. 26.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Shelf paper. 2,166,352; July 18.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Sputum cup. 2,167,111; July 25.
Hamilton, Kenneth C., assignor to Milwaukee Lace Paper Company, Milwaukee, Wis. Sputum cup. 2,171,748; Sept. 5.
Hamilton Laboratories, Inc., The. (See Bradner, Donald B., assignor.)
Hamilton Laboratories, Inc., The. (See Rentschler, M. J., and Bradner, assignors.)
Hamilton Manufacturing Company. (See Demcak, Andrew, assignor.)
Hamilton Manufacturing Company. (See Evans, H. G., and Kleerup, assignors.)
Hamilton Manufacturing Company. (See Kleerup, Bertel J., assignor.)
Hamilton Metal Products Company, The. (See Piker, Louis M., assignor.)
Hamilton, Philip E., Beaver Falls, Pa. Electrical attachment. 2,147,790; Feb. 21.
Hamilton, Philip E., Beaver Falls, Pa. Electrical receptacle. 2,154,159; Apr. 11.
Hamilton, Philip E., Beaver Falls, Pa. Attachment for electrical apparatus. 2,154,160; Apr. 11.
Hamilton, Reginald H., St. Albans, Christchurch, New Zealand. Latch. 2,148,693; Feb. 28.
Hamilton, Thomas J. (See Stephens, J. P., and Hamilton.)
Hamilton, Thomas J., Oklahoma City, Okla., assignor to Phillips Petroleum Company. Bailer. 2,170,369; Aug. 22.
Hamilton, Van A., Palestine, Tex. Switch. 2,177,938; Oct. 31.
Hamilton Wade Company. (See Ward, William J., assignor.)
Hamilton, William S. H., Larchmont, N. Y., assignor to The New York Central Railroad Company. Electric light and power system. 2,153,247; Apr. 4.
Hamilton, William S. H., Larchmont, N. Y., assignor to The New York Central Railroad Company. Air conditioning. 2,181,053; Nov. 21.
Hamister, Victor C., Lakewood, Ohio, assignor to National Carbon Company, Inc. Making sorptive carbon. 2,180,735; Nov. 21.
Hamje, John F., East Rockaway, N. Y. Paper bedpan cover. 2,173,686; Sept. 19.
Hamlin, Benjamin M., Chicago, Ill. Luggage handle. 2,176,857; Oct. 17.
Hamlin, Delbert, Baker City, Oreg. Saw set. 2,147,251; Feb. 14.
Hamlin, Fred. (See Mooter, J. A., and Hamlin.)
Hamlin, Louis. (See Smith, Walter D., assignor.)
Hamlin, Marston L., Lynbrook, assignor to The Barrett Company, New York, N. Y. Surface covering. 2,162,886; June 20.
Hamlin, Thorton, Pasadena, and J. H. Hood, South Pasadena, Calif. Concrete box joint. 2,155,823; Apr. 25.
Hamlin, Walter E., assignor to The Cleveland Shopping News Company, Cleveland, Ohio. Printing machinery. 2,152,736; Apr. 4.
Hamman, Betty R. (See Robertson, E. C., and Hamman.)
Hammarling, Hjalmar, Stocksund, near Stockholm, Sweden. Machine for cleaning carpets, garments, and the like. 2,156,389; May 2.
Hammel, Riglander & Co. (See Gaston, Irving, assignor.)
Hammell, Charles H., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Abrading apparatus. 2,154,843; Apr. 18.
Hammell, Kemper M., assignor to The Swartzbaugh Manufacturing Company, Toledo, Ohio. Time controlled switch. 2,182,894; Dec. 12.
Hammer, Axel V., Copenhagen, Denmark. Machine for treating fats. 2,169,642; Aug. 15.
Hammer, Charles, Garden City, N. Y. Container cap or closure. 2,175,350; Oct. 10.
Hammer, Charles F., Greensburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Rail sanding device. 2,148,745; Feb. 28.
Hammer, Franz J. (See von Hofe, G. W., and Hammer.)
Hammer, Gustaf, Chicago, Ill., assignor to International Harvester Company. Binder. 2,180,106; Nov. 14.

Hammer, Otto, assignor to Security Engineering Co., Inc., Whittier, Calif. Setting devices at predetermined levels in well casings and tubings. 2,160,357; May 30.
Hammer, Otto, assignor to Security Engineering Co., Inc., Whittier, Calif. Reamer body. 2,168,017; Aug. 1.
Hammer, Samuel, assignor to United Metal Box Co., Inc., Brooklyn, N. Y. Venetian blind head bar. 2,161,414; June 6.
Hammer, Samuel, assignor to United Metal Box Co., Inc., Brooklyn, N. Y. Impositive lock. 2,169,691; Aug. 15.
Hammer, William H., et al. (See Christiansen, Frederick A., assignor.)
Hammeren, Hans, Bethlehem, Pa., assignor to Bethlehem Steel Company. Floating roof seal. 2,180,587; Nov. 21.
Hammerling, Emanuel, Woodmere, N. Y., assignor to Harry Richman Novelties Corp. Cigarette and similar case. 2,181,993; Dec. 5.
Hammerly, Herman J., New Britain, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Bus bar conduit system of power distribution. 2,173,062; Sept. 12.
Hammerly, Herman J., New Britain, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric switch. 2,177,249; Oct. 24.
Hammermill Paper Company. (See Price, Richard P., assignor.)
Hammersmith, Charles J., Hollis, N. Y. Air cooled piston. 2,150,740; Mar. 14.
Hammerstrom, Karl R., Dormont, Pa., assignor to The Railroad Research Bureau of the Manufacturing Companies of the United States Steel Corporation. Car truck bolster. 2,161,513; June 6.
Hammett, David M. (See McCoy, C. T., and Hammett.)
Hammon, George L., Berkeley, Calif. Welding implement. 2,176,813; Oct. 17.
Hammon, George L., assignor to National Welding Equipment Company, San Francisco, Calif. Metal spray gun. 2,181,082; Nov. 21.
Hammon, James H. (See Newman, John J., assignor.)
Hammon, James H., Vincennes, Ind. Fused multifocal ophthalmic lens and blank for making the same. 2,177,021; Oct. 24.
Hammon, James H., Vincennes, Ind. Fused multifocal ophthalmic lens and blank for making the same. 2,177,022; Oct. 24.
Hammon, Stratton O. (See Misbach, T. A., and Hammon.)
Hammond, Edward B. (See Hutton, W., and Hammond.)
Hammond, Elmer H., Southport, Conn., assignor, by mesne assignments, to Manning, Maxwell & Moore, Inc., New York, N. Y. Condition controller. 2,175,351; Oct. 10.
Hammond, Grant, New Haven, Conn. Manicure implement. 2,148,157; Feb. 21.
Hammond, Grant, Hamden, Conn. Blade sharpener. 2,154,744; Apr. 18.
Hammond, Grant, New Haven, Conn. Door fastener. 2,161,673; June 6.
Hammond, Howard L. (See McCleary, L. F., and Hammond.)
Hammond Instrument Company. (See Smiley, Gilbert, assignor.)
Hammond Instrument Company. (See Williams, Charles E., assignor.)
Hammond, John A., and F. Korte, Denver, Colo. Golf tee. 2,146,736; Feb. 14.
Hammond, John H., Jr. (See Pfister, Arthur, assignor.)
Hammond, John H., Jr. (See Purington, Ellison S., assignor.)
Hammond, John H., Jr., Gloucester, Mass. Torpedo. 2,164,916; July 4.
Hammond, John H., Jr., Gloucester, Mass. Display sign. 2,164,917; July 4.
Hammond, John H., Jr., Gloucester, Mass. Altitude determining system for airplanes. 2,174,785; Oct. 3.
Hammond, John W. (See George, R. H., Heim, and Hammond.)
Hammond, Laurens, Chicago, Ill. Electric organ. 2,159,505; May 23.
Hammond, Laurens, Chicago, Ill. Electrical musical instrument. 2,161,706; June 6.
Hammond, Laurens, Chicago, Ill. Electrical musical instrument. 2,184,424; Dec. 26.
Hammond, Leonard. (See Rueff, R. C., and Hammond.)
Hammond, Michael F., assignor of one-half to W. P. Morgan, Buffalo, N. Y. Sawing appliance. 2,163,320; June 20.
Hammond Paint & Chemical Co. (See Faloon, Dalton B., assignor.)
Hammons, Claude L. (See McWilliams, Eugene W., assignor.)
Hampden National Bank & Trust Co., executor. (See McKean, John O.)
Hampe, Carl, and E. Kleisly, St. Louis, Mo. Pipe coupling. 2,148,746; Feb. 28.
Hampe, Carl, and E. Kleisly, St. Louis, Mo. Pipe coupling and making and using the same. 2,148,747; Feb. 28.
Hamprecht, Guenther, and G. Pauckner, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Separation of nickel from copper. 2,180,520; Nov. 21.
Hampton, Horace A., A. Hill, and E. B. Robinson, Manchester, England, assignors to Imperial Chemical Industries Limited. Modified alkyd resin. 2,181,054; Nov. 21.
Hampton, Leon N., New York, N. Y., and A. H. Shangle, Roselle, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrically heated tool. 2,179,818; Nov. 14.
Hampton, William H., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Detergent composition. 2,143,066; Jan. 10.
Hampton, William H., and N. N. Gay, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Preparing an emulsifiable oil. 2,144,260; Jan 17.
Hamren, Eric O., Hagerstown, Md. Tree pruning implement. 2,146,952; Feb. 14.
Hamren, Eric O., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,160,697; May 30.
Hamrum, Alfred U., et al. (See Spangler, John H., assignor.)
Hamson, Thomas E., Wichita, Kans. Combination foot and accelerator pedal. 2,161,656; June 6.
Hana, Thomas C., Flushing, N. Y., assignor to Magnetic Analysis Corporation. Magnetic testing. 2,152,690; Apr. 4.
Hanahan, Marion L., Wilmington, and R. A. Gagnon, Christiana, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing blended pigments. 2,177,250; Oct. 24.
Hanahan, Marion L., Wilmington, and R. A. Gagnon, Christiana, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing blended pigments. 2,177,251; Oct. 24.
Hanberry, William F. (See Cunningham, H. G., and Hanberry.)
Hancock Bros. (See Craig, H. G., and Pride, assignors.)
Hancock, John R. (See Howey, W., Woodward, and Hancock.)
Hancock Manufacturing Company. (See Marple, Rollo, assignor.)
Hancock, Myron S., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding system. 2,179,331; Nov. 7.
Hancock, William T., Long Beach, Calif. Paint. 2,157,205; May 9.
Hancock, William T., Long Beach, Calif. Oil refining system. 2,158,365; May 16.
Hancock, William T., Long Beach, Calif. Refining cracked petroleum distillate. 2,162,715; June 20.
Hancock, William T., Long Beach, Calif. Refining cracked petroleum distillate. 2,162,716; June 20.
Hancock, William T., Long Beach, Calif. Refining cracked petroleum distillates. 2,162,717; June 20.
Hand, David B. (See Sharp, P. F., and Hand.)
Hand, Edwin B., Cleveland Heights, Ohio. Sign. 2,167,838; Aug. 1.
Hand, John G. (See Glover, Edwin, assignor.)
Handel, Charles E., Winterset, Iowa. Earth anchor. 2,159,268; May 23.
Handelan, Daniel, Minneapolis, Minn. Apparatus for controlling the delivery of air. 2,147,741; Feb. 21.
Handforth, Stanley L. (See Burrows, L. A., and Handforth.)
Handforth, Stanley L. (See Carter, F. E., Handforth, and Kirst.)
Handforth, Stanley L., Gordon Heights, Del., and J. N. Tilley, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of nitric acid. 2,142,646; Jan. 3.
Handley, John, London, England. Ticket printing and issuing machine for totalizators. 2,155,655; Apr. 25.
Handler, Koloman, Vienna, Austria, assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,179,627; Nov. 14.
Handley Page Limited. (See Lachmann, Gustav V., assignor.)
Handshy, Charles F., St. Louis, Mo., and W. I. Conant, Decatur, Ill. Lock structure. 2,166,660; July 18.
Handwerk, Otto T. (See Spitzglass, A. F., and Handwerk.)
Handwerk, Otto T., assignor to Republic Flow Meters Company, Chicago, Ill. Sensitive instrument. 2,156,496; May 2.
Handwerk, Otto T., assignor to Republic Flow Meters Company, Chicago, Ill. Measuring instrument. 2,173,436; Sept. 19.
Handy & Harman. (See Comstock, Gregory J., assignor.)
Handy, J. F., executor. (See Glenn, Russell P.)
Handy, James F., executor. (See Glenn, Russell P.)
Handy, Le Roy L. (See Drake, J. L., Handy, and Fowler.)
Handy, Robert G., Detroit, Mich. Carburetor controlling device. 2,163,997; June 27.
Handy, Robert G., Detroit, Mich., C. B. Seymour, and A. A. Altenberg, Chicago, Ill., assignors to Hoof Products Company. Combined governor torque testing and spring calibrating and testing device. 2,182,519; Dec. 5.
Handy, Royal S., Kellogg, Idaho. Flotation reagent. 2,164,063; June 27.
Hanel, Franz, Berlin-Charlottenburg, Germany. Anti-skidding device for motor vehicles. 2,155,130; Apr. 18.

Hanes, Dean, assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Bypass assembly for packers. 2,144,842; Jan. 24.
Haneschka, Hans, Vienna, Austria. Recovering fats, oils, and proteins from animal and vegetable starting materials, and more particularly from waste products. 2,167,043; July 25.
Haney, Clifford I., Drummondville, Quebec, Canada, assignor to Celanese Corporation of America. Concentration of aliphatic compounds. 2,148,460; Feb. 28.
Haney, Clifford I., Drummondville, Quebec, Canada, assignor to Celanese Corporation of America. Treating solids. 2,171,652; Sept. 5.
Haney, David E., Minor Hill, Tenn. Jack. 2,150.831; Mar. 14.
Haney, John I., assignor to Brown Company, Berlin, N. H. Container for packaging dispensing interfolded paper sheets. 2,171,415; Aug. 29.
Hanff, Ferdinand, assignor to Siemens-Schuckertwerke, Aktiengesellschaft, Berlin-Siemensstadt, Germany. Electrically conducting whale line. 2,175,389; Oct. 10.
Hanford, John M. (See Willard, Louis E., assignor.)
Hangen, Harry S. (See Hartman, C. H., Dorrington, and Hangen.)
Hanhart, Walter. (See Straub, F., and Hanhart.)
Hanhart, Walter, Riehen, near Basel, and P. Pieth, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of chromiferous azo dyestuffs. 2,171,828; Sept. 5.
Hanisch, Herbert. (See Thompson, P., and Hanisch.)
Hanke, Edwin W. F., Chicago, and W. J. Zenner, Des Plaines, assignors to Teletype Corporation, Chicago, Ill. Bias transmitter. 2,183,613; Dec. 19.
Hankey, S. T. (See Carroll, Eugene G., assignor.)
Hankin, Francis, & Co. Limited. (See Doré, Lucien, assignor.)
Hankins Container Company, The. (See Brooks, Paul J., assignor.)
Hankins Container Company, The. (See Hayes, Harold J., assignor.)
Hankins, Cyrus, Washington, D. C. Railway car. 2,145,173; Jan. 24.
Hankins, Cyrus, Washington, D. C. Railway car. 2,145,174; Jan. 24.
Hankins, Cyrus, Washington, D. C. Railway car brake rigging. 2,176,177; Oct. 17.
Hankins, Frederick W., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Defect card receptacle. 2,180,294; Nov. 14.
Hankinson, Henry W., Augusta, Ga. Artificial tooth. 2,168,953; Aug. 8.
Hanks, Frederick W., Cleveland, Ohio. Fluid meter construction. 2,153,061; Apr. 4.
Hanks, Frederick W., Cleveland, Ohio. Fluid meter. 2,159,892; May 23.
Hanks, Frederick W., Cleveland, Ohio. Fluid-meter structure. 2,180,629; Nov. 21.
Hanks, George R., Clinton, assignor to Taylor-Wharton Iron & Steel Company, High Bridge, N. J. Dredge bucket. 2,176,840; Oct. 17.
Hanle, Benjamin W., Elizabeth, N. J., assignor to Eagle Pencil Company. Fountain pen. 2,148,236; Feb. 21.
Hanle, Benjamin W., Elizabeth, N. J., assignor to Eagle Pencil Company. Fountain pen. 2,170,242; Aug. 22.
Hanle, Frank L., Arlington, N. J. Closure device. 2,145,689; Jan. 31.
Hänlein, Walter. (See Krefft, H., Hänlein, and Wagner.)
Hänlein, Walter, Berlin-Spandau, W. Hagen, Berlin, and H. Krefft, Berlin-Friedrichshagen, Germany, assignors to General Electric Company. Gaseous electric discharge lamp device. 2,152,994; Apr. 4.
Hänlein, Walter, Berlin-Spandau, assignor to Patent-Treuhand-Gesellschaft für Elektrische Glühlampen m. b. H., Berlin, Germany. Apparatus for drawing pipes from quartz or glass having a high content in silicic acid. 2,155,131; Apr. 18.
Hanley, Frank H., Butler, N. J., assignor to American Telephone and Telegraph Company. Telegraph system, open Morse telegraph key alarm circuit. 2,160,206; May 30.
Hanley, Hugh, and E. Nielsen, Kankakee, Ill. Window. 2,154,330; Apr. 11.
Hanley, John A., Noroton, Conn., assignor to Clipshave Inc., Port Chester, N. Y. Hair clipper. 2,151,965; Mar. 28.
Hanley, John A., Stamford, Conn., assignor to Gillette Safety Razor Company, Boston, Mass. Electrically driven hair shearing machine. 2,176,337; Oct. 17.
Hanley, Stanley M., Detroit, Mich., assignor of one-half to The North Electric Manufacturing Company, Galion, Ohio, and one-fourth to D. R. Middleton, Detroit, Mich. Automatic regulating apparatus for current supply systems. 2,144,289; Jan. 17.
Hanley, Stanley M., Detroit, Mich., assignor of one-half to The North Electric Manufacturing Company, Galion, Ohio, and one-fourth to D. R. Middleton, Detroit, Mich. Automatic regulating apparatus for current supply systems. 2,144,290; Jan. 17.
Hanley, Stanley M., Detroit, Mich. Electrical regulating system. 2,182,666; Dec. 5.
Hanlon-Waters, Inc. (See Waters, Millard F., assignor.)
Hann, Alan L., Newark, N. J. Beverage cooler. 2,169,387; Aug. 15.
Hann, Albert G., and P. S. Russel, assignors to Detroit Lubricator Company, Detroit, Mich. Control device. 2,147,945; Feb. 21.
Hann, Albert G., and P. S. Russel, assignors to Detroit Lubricator Company, Detroit, Mich. Control device. 2,168,307; Aug. 8.
Hanna, Clinton R. (See Brace, P. H., Hanna, and Oplinger.)
Hanna, Clinton R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulator with gyroscopic antihunting. 2,162,482; June 13.
Hanna, Clinton R., Pittsburgh, and K. A. Oplinger, Verona, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Voltage regulating system. 2,165,049; July 4.
Hanna, Clinton R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Velocity governor with anticipatory action. 2,175,837; Oct. 10.
Hanna, Clinton R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Liquid pressure control apparatus. 2,179,292; Nov. 7.
Hanna, Clinton R., Wilkinsburg, Pa., assignor to Westinghouse Electric & Manufacturing Company. Sound recording and reproducing system. Re. 21,293; Dec. 12.
Hanna, Horace W., Brooklyn, N. Y. Amusement device. 2,177,804; Oct. 31.
Hanna, James D., New Britain, Conn., assignor to The Keeney Manufacturing Company. Valve. 2,174,786; Oct. 3.
Hanna, Max R., Erie, Pa., assignor to General Electric Company. Dynamo-electric machine. 2,167,360; July 25.
Hanna, Max R., Erie, Pa., assignor to General Electric Company. Commutator. 2,167,479; July 25.
Hanna, William T., Cincinnati, Ohio. Regulating mechanism for locomotive stoker engines. 2,148,461; Feb. 28.
Hanna, William T., Cincinnati, Ohio. Stoker construction. 2,150,163; Mar. 14.
Hanna, William T., Cincinnati, Ohio. Engine frame. 2,157,124; May 9.
Hanna, Samuel O., Jamestown, N. Y. Dust evacuating device. 2,170.324; Aug. 22.
Hannabach, Adam, Pittsburgh, Pa. Rubber heel. 2,142,244; Jan. 3.
Hannagen, Raymond W., Cardiff, Wales. Zinc sulphide as a ceramic opacifier. 2,163,516; June 20.
Hannan, Joseph J., Chicago, Ill. Chicken splitter. 2,169,951; Aug. 15.
Hannan, Richard J., Pittsburgh, Pa. Implement holder. 2,184,667; Dec. 26.
Hannay, Robert S. E. (See Morton, J., and Hannay.)
Hannay, Robert S. E. (See Morton, J., Hannay, and Carter.)
Hanneman, Walter M., Oak Park, assignor to Illinois Tool Works, Chicago, Ill. Screw and washer assembling machine and method. 2,152,591; Mar. 28.
Hanners, Harvey W. (See Stern, A. F., and Hanners.)
Hanney, Angus F., assignor to The American Laundry Machinery Company, Norwood, Ohio. Pressing machine. 2,153,690; Apr. 11.
Hannifin Manufacturing Co. (See Boyer, Earle G., assignor.)
Hannifin Manufacturing Co. (See Peterson, V. W., and Maha, assignors.)
Hannig, Max, Thalwil, Switzerland, assignor to Vereinigte Faerbereien und Appretur Aktiengesellschaft. Device for the lateral stretching of fabric webs. 2,171,551; Sept. 5.
Hannings, Charles J., assignor to Illinois Watch Case Company, Elgin, Ill. Spring catch. 2,146,140; Feb. 7.
Hannon, Albert H., Springfield, Mo. Barrel plating machine. 2,148,552; Feb. 28.
Hannon, Albert H., Springfield, Ohio. Barrel electroplating machine. 2,177,982; Oct. 31.
Hannon, Wilbur. (See Andrews, C., and Hannon.)
Hannula, Gust, Fort Bragg, Calif. Heating unit for fireplaces. 2,143,772; Jan. 10.
Hannum, Chester W. (See Daudt, H. W., and Hannum.)
Hannum, Chester W., and S. S. Rossander, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes. 2,171,364; Aug. 29.
Hannuss, Paul. (See Schneider, P., Brown, and Hannuss.)
Hanny, Charles E., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electrical terminal. 2,168,016; Aug. 1.
Hanovia Chemical and Manufacturing Company. (See Anderson, William T., Jr., assignor.)
Hanrahan, Walter, and H. J. Mineah, St. Louis, and R. C. Shannon, University City, Mo. Selective registering mechanism. 2,174,656; Oct. 3.
Hanrahan, William I., New York, N. Y., assignor to The Petroleum Iron Works Company of Ohio, Sharon, Pa. Rubber rolling hoop for steel barrels. 2,173,804; Sept. 19.
Hans, Edmund E., Detroit, Mich. Fuel feeding system for internal combustion engines. 2,142,979; Jan. 3.
Hans, Edmund E., Detroit, Mich. Heater. 2,146,953; Feb. 14.
Hansburg, George B., New York, N. Y., assignor, by mesne assignments, to Metropolis Bending Company, Metropolis, Ill. Combined chair and table for infants. 2,161,657; June 6.

Hansburg, George B., New York, N. Y., assignor, by mesne assignments, to Metropolis Bending Company, Metropolis, Ill. Combined stool and table. 2,161,658; June 6.
Hansell, Clarence W. (See Conklin, J. W., and Hansell.)
Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Recording system. 2,143,376; Jan. 10.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Multiplex facsimile printer system. 2,143,875; Jan. 17.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Elimination of distortion in electron discharge devices. 2,144,492; Jan. 17.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Combined fluid-cooled vacuum tube and cooling block. 2,146,541; Feb. 7.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Oscillation generation. 2,149,340; Mar. 7.
Hansell, Clarence W., and H. E. Goldstine, Port Jefferson, N. Y., assignors to Radio Corporation of America. Keying radio transmitters. 2,149,437; Mar. 7.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Oscillation generation and control. 2,160,655; May 30.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Single side band modulation. 2,163,680; June 27.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Radio beacon. 2,165,256; July 11.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Phase modulation type frequency inverter. 2,169,357; Aug. 15.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Electron discharge device. 2,171,980; Sept. 5.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Signaling apparatus. 2,173,164; Sept. 19.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Amplifier. 2,175,838; Oct. 10.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency modulation circuits. 2,179,182; Nov. 7.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Mercury arc rectifier. 2,179,929; Nov. 14.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Phase modulation receiver. 2,180,736; Nov. 21.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Filter. Re. 21,246; Oct. 24.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Radio relaying system. 2,183,562; Dec. 19.
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Electric arc discharge lamp. 2,184,386; Dec.26 .
Hansell, Clarence W., Port Jefferson, N. Y., assignor to Radio Corporation of America. Mercury arc oscillator. 2,184,740; Dec. 26.
Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Mercury rectifier. 2,163,785; June 27.
Hansell, Clarence W., Rocky Point, N. Y., assignor to Radio Corporation of America. Signaling. 2,167,480; July 25.
Hansella Albert Henkel K. G. (See Thürlings, Hermann, assignor.)
Hanselmann, Karl F., assignor to Mitre Box Corporation, Lebanon, Pa. Cellular box. 2,174,157; Sept. 26.
Hansen, A. L., Mfg. Co. (See Hansen, Augie L., assignor.)
Hansen, Arnold K. (See Gaebel, A. H., and Hansen.)
Hansen, Augie L., assignor to A. L. Hansen Mfg. Co., Chicago, Ill. Door lock. 2,169,692; Aug. 15.
Hansen, Augie L., assignor to A. L. Hansen Mfg. Co., Chicago, Ill. Door hinge. 2,177,826; Oct. 31.
Hansen Canning Machinery Corporation. (See Christel, William F., assignor.)
Hansen Canning Machinery Corporation. (See Mondloch, Henry, assignor.)
Hansen, Chris K., St. Paul, Minn. Flexible cope. 2,163,681; June 27.
Hansen, Donald W., and P. R. Shildneck, Decatur, Ill., assignors, by mesne assignments, to Prolamine Products Incorporated, Dover, Del. Prolamine base composition. 2,158,481; May 16.
Hansen, Edmund H. (See McFarlane, M. D., and Hansen.)
Hansen, Erich, Hohokus, N. J., assignor to Buffalo Electro-Chemical Company, Inc., Tonawanda, N. Y. Treating hides. 2,150,919; Mar. 21.
Hansen, Ernest, Greenwich, Conn. Pocket cigarette machine. 2,157,605; May 9.
Hansen, Ernest A., Oakland, Calif. Valve. 2,180,320; Nov. 14.
Hansen, Everett A., St. Paul, Minn. Speed governor for automotive vehicles. 2,181,429; Nov. 28.
Hansen, Frank J., Cheyenne, Wyo., assignor of one-half to J. C. Valentine, Sioux City, Iowa. Accelerator mechanism. 2,166,866; July 18.
Hansen, Hans. (See Miller, R. S., and Hansen.)
Hansen, Henry C. (See Sorenson, J. C., and Hansen.)
Hansen, James, Flushing, assignor of one-half to G. Drews, Brooklyn, N. Y. Valve. 2,158,070; May 16.
Hansen, Julius W. and W. L., and I. N. Hurst, assignors to Hansen Manufacturing Company, Inc., Princeton, Ind. Synchronized clock escapement. 2,184,668; Dec. 26.
Hansen, Larry A., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Brake rigging. 2,146,212; Feb. 7.
Hansen, Lorentz A., Waterloo, Iowa, and M. F. Clough, assignors to Ranger Sales Company, Minneapolis, Minn. Electric stock prod. 2,176,994; Oct. 24.
Hansen, Louis E., assignor of twenty-four and one-half per cent to W. B. Robinson and twenty-four and one-half per cent to A. Rutherford, Spokane, Wash. Retarded switch. 2,157,664; May 9.
Hansen, Mahlin S., Indianapolis, Ind. Flat type duplicator. 2,166,992; July 25.
Hansen Manufacturing Company. (See Anslinger, Justin V., assignor.)
Hansen Manufacturing Company. (See Hansen, Julius W., and W. L., and Hurst, assignors.)
Hansen Mfg. Company Inc. (See Hansen, William L., assignor.)
Hansen Mfg. Company. (See Hansen, W. L., and Hurst, assignors.)
Hansen, Marius H., assignor to Hanson Scale Company, Chicago, Ill. Weighing scale. 2,145,480; Jan. 31.
Hansen, Marius H., Chicago, Ill., assignor, by mesne assignments, to Hanson Scale Company. Weighing scale. 2,175,024; Oct. 3.
Hansen, Merrill E., assignor to American Anode, Inc., Akron, Ohio. Applying latex to deposition bases. 2,147,293; Feb. 14.
Hansen, Merrill E., assignor to American Anode Inc., Akron, Ohio. Manufacture of perforate rubber sheets. 2,165,099; July 4.
Hansen, Nis M., San Francisco, Calif. Burner for depitching beer barrels. 2,184,142; Dec. 19.
Hansen, Odd A. (See Dana, L. I., and Hansen.)
Hansen, Rasmus. (See Michaelson, G. C., and Davis, assignors.)
Hansen, Ray C., assignor to M & M Wood Working Co., Portland, Oreg. Cyindrical tank construction. 2,145,442; Jan. 31.
Hansen, Ray C., assignor to M and M Wood Working Company, Portland, Oreg. Ventilator and roof support. 2,183,645; Dec. 19.
Hansen, Siegfried. (See Barger, G. K., and Hansen.)
Hansen, Sydney H., Berkeley, Calif. Earthquake actuated shut-off valve. 2,158,753; May 16.
Hansen, Thomas A., Hartford, Conn. Golf tee. 2,159,893; May 23.
Hansen, Thor H. (See Bates, J. H., and Hansen.)
Hansen, William L. (See Hansen, Julius W. and W. L., and Hurst.)
Hansen, William L., assignor to Hansen Mfg. Company Inc., Princeton, Ind. Miniature electric motor. 2,144,656; Jan. 24.
Hansen, William L., and I. N. Hurst, assignors to Hansen Mfg. Company, Inc., Princeton, Ind. Rotor. 2,143,653; Jan. 10.
Hansen, William L., and I. N. Hurst, assignors to Hansen Mfg. Company, Inc., Princeton, Ind. Synchronous motor. 2,155,266; Apr. 18.
Hansen, William L., assignor to Hansen Mfg. Company, Inc., Princeton, Ind. Gear casing. 2,184,669; Dec. 26.
Hansen, William M., Phoenix, Ariz. Apparatus for water culture of vegetation. 2,152,254; Mar. 28.
Hanset, Eugene D., Portland, Oreg. Machine for attaching handle hangers. 2,167,452; July 25.
Hansgirg, Fritz, Konan, Korea. Production of heavy water. 2,156,851; May 2.
Hansgirg, Fritz, Radenthein, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Producing pure magnesium. 2,160,969; June 6.
Hansley, Virgil L. (See Scott, N. D., Hansley, and Walker.)
Hansley, Virgil L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ester condensations. 2,158,071; May 16.
Hansley, Virgil L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dialkyl formamides as selective solvents for refining mineral oils. 2,166,140; July 18.
Hansley, Virgil L., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alcoholysis of glycerides. 2,177,407; Oct. 24.
Hanson, Barney, Miami, Fla. Interlocking flashing plate. 2,168,204; Aug. 1.
Hanson, Bertrand, Jamestown, N. Y. Winding apparatus. 2,143,315; Jan. 10.
Hanson, Earl C., Chicago, Ill. Heating device for aircraft. 2,142,785; Jan. 3.
Hanson, Earl C., Chicago, Ill. Decorative illuminating system. 2,181,889; Dec. 5.
Hanson, Edward, Cleveland, Ohio. Internal combustion engine. 2,170,818; Aug. 29.
Hanson, Edward, assignor to D. A. Davies, Cleveland, Ohio. Wheel balance testing machine. 2,177,252; Oct. 24.
Hanson, Frank O., assignor to J. C. Conway, Buffalo, N. Y. Hernia appliance. 2,170,558; Aug. 22.

Hanson, Hans, Portland, Oreg. Door construction. 2,166,588; July 18.
Hanson, Harold H., assignor to The Shaler Company, Waupun, Wis. Vulcanizing equipment. 2,163,377; June 20.
Hanson, Harry W., Las Vegas, Nev. Refrigerating unit. 2,142,895; Jan. 3.
Hanson, Henry L. (See Hanson, Henry Lauritz and Henry L.)
Hanson, Henry L., deceased, and H. L. Hanson, Worcester, Mass.; T. C. Hanson, executrix of Henry Lauritz Hanson. Tube threading implement. 2,180,466; Nov. 21.
Hanson, Joseph M. (See Ford, David O., assignor.)
Hanson, Lars, Cranford, assignor to Carrier Corporation, Newark, N. J. Fluid compressor. 2,178,662; Nov. 7.
Hanson, Martin F. (See Hagenson, P., and Hanson.)
Hanson, Milton E., Collingswood, N. J., assignor to B. F. Sturtevant Company, Boston, Mass. Fan. 2,142,842; Jan. 3.
Hanson, Milton E., Haddonfield, N. J., assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Air cooling system for passenger vehicles. 2,176,841; Oct. 17.
Hanson, Newell B., Lake Lillian, Minn. Silo dome. 2,176,712; Oct. 17.
Hanson, Norman D., Bloomfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Making resin-fiber compositions. 2,170,755; Aug. 22.
Hanson, Norman D., Bloomfield, N. J., and E. Kritzmacher, Manchester, Conn., assignors to Bakelite Corporation, New York, N. Y. Brittle fusible resin. 2,158,366; May 16.
Hanson, Richard C., Alexandria, Va. Hedge trimmer. 2,145,391; Jan. 31.
Hanson Scale Company. (See Hansen, Marius H., assignor.)
Hanson, Thekla C., executrix. (See Hanson, Henry Lauritz and Henry L.)
Hanson-Van Winkle-Munning Company. (See Hague, Louis M., assignor.)
Hanson-Van Winkle-Manning Company. (See Todd, Guerin, assignor.)
Hanson-Van Winkle-Mining Company. (See Todd, G., and Knight, assignors.)
Hanson-Van Winkle-Munning Company. (See Todd, Van Winkle, assignor.)
Hanson-Van Winkle-Munning Company. (See Yerger, C. W., and Todd, assignors.)
Hanson, Victor F. (See Jakosky, J. J., and Hanson.)
Hanson, Victor F., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electric arc apparatus for producing chemical reactions. 2,167,976; Aug. 1.
Hanson, Victor F., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for producing carbon black. 2,181,759; Nov. 28.
Hanson, William G., et al., executors. (See Dowdy, C. R., and Doepke.)
Hanusch, Fritz. (See Dirscherl, W., and Hanusch.)
Hanusch, Fritz, Heidelberg, assignor to C. F. Boehringer & Soehne G. m. b. H., Mannheim-Waldorf, Germany. Separating ketones of the sterol series. 2,183,072; Dec. 12.
Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Process and machine for separating high viscosity cream from whole milk. 2,145,544; Jan. 31.
Hapgood, Cyrus H., Nutley, N. J., assignor to The De Laval Separator Company, New York, N. Y. Centrifugal separator. 2,160,140; May 30.
Hapman, Henry W., Detroit, Mich. Pipe conveyer elevator. 2,147,199; Feb. 14.
Hapman, Henry W., Detroit, Mich. Chain conveyer. 2,178,341; Oct. 31.
Hapman, Henry W., Detroit, Mich. Universal conveyer. 2,178,342; Oct. 31.
Happe, Arthur H., assignor of one-half to H. A. Sperlich, Detroit, Mich. Electric heater. 2,163,036; June 20.
Happe, William H., Jr., Brooklyn, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron-ray tube indicating instrument. 2,175,690; Oct. 10.
Hara, Nobushiro, Takinogawa-ku, Tokyo, Japan. Chair for use in medical treatment. 2,172,063; Sept. 5.
Harada, Henry H., Flint, assignor to General Motors Corporation, Detroit, Mich. Ratchet mechanism. 2,153,084; Apr. 4.
Harb, Alfred, Nyack, N. Y. Toy airplane. 2,165,050; July 4.
Harbaugh, Watson D., Chicago, Ill., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,175,261; Oct. 10.
Harbeke, Louis N., Sacramento, Calif. Lavatory ventilator. 2,161,863; June 13.
Harbers, William J., assignor to American Engineering Company, Philadelphia, Pa. Refrigerating apparatus. 2,152,691; Apr. 4.
Harbert, Victor H., assignor to Illinois Railway Equipment Company, Chicago, Ill. Wear plate for brake hangers. 2,169,729; Aug. 15.
Harbin, Oliver H., Mobile, Ala. Bird caller. 2,182,692; Dec. 5.
Harbison, Charles, Philadelphia, Pa. Egg candling machine. 2,144,657; Jan. 24.
Harbison, Clarence B., assignor to The Ohio Steel Foundry Company, Lima, Ohio. Return bend fitting. 2,173,202; Sept. 19.
Harbison-Walker Refractories Company. (See Rowe, Andrew R., assignor.)
Harbison-Walker Refractories Company. (See Seaver, Kenneth, assignor.)
Harbolt, Curtis L., assignor to Cockshutt Plow Company Limited, Brantford, Ontario. Cultivator. 2,145,981; Feb. 7.
Harbor Plywood Corporation. (See Birmingham, Donald G., assignor.)
Harbord, Frank W. and V., London, England. Apparatus for casting metal. 2,166,006; July 11.
Harbord, Vernon. (See Harbord, Frank W., and V.)
Harbour, Ernest D., Roanoke Rapids, N. C. Rimless spectacle mounting. 2,178,038; Oct. 31.
Harcus, Robert. (See Scott, Robert N., assignor.)
Hard, Merrill W., Los Angeles, Calif. Theatre chair. 2,164,918; July 4.
Hardacre, Richard W., N. E. Holden, and C. Shaw, Blackley, Manchester, England, assignors., to Imperial Chemical Industries Limited Coloring acetate artificial silk. 2,165,257; July 11.
Hardage, Clarence A., assignor to Crouse-Hinds Company, Syracuse, N. Y. Explosionproof switch housing. 2,156,564; May 2.
Hardeman, William E., Acocks Green, Birmingham, and R. F. Daw, Stechford, Birmingham, England, assignors to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Tractor attachment for wheels. 2,152,476; Mar. 28.
Harden, Richard. (See Koehler, E. F., and Harden.)
Hardenberg, Jan J. (See Schoonenberg, P. J., and Hardenberg.)
Hardenberg, Jan J., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Recording and reproducing apparatus. 2,169,143; Aug. 8.
Hardensett, Heinrich, Constance, Germany. External combustion engine. 2,151,759; Mar. 28.
Harder, Edwin L., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Carrier current relaying. 2,144,494; Jan. 17.
Harder, Edwin L., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Compensating metering apparatus. 2,154,270; Apr. 11.
Harder, Edwin L., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Relaying apparatus. 2,183,646; Dec. 19.
Harder, Edwin L., Forest Hills, Pa., B. E. Lenehan, Bloomfield, N. J., and W. A. Lewis, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Pilot protective system. 2,144,493; Jan. 17.
Harder, Oscar E., Columbus, Ohio, assignor to Inland Steel Company, Chicago, Ill. Steel. 2,182,758; Dec. 5.
Harder, Oscar E., Columbus, Ohio, assignor to Inland Steel Company, Chicago, Ill. Steel. 2,182,759; Dec. 5.
Hardesty, Ben F., Scarborough, N. Y., assignor, by mesne assignments, to Ferro-Alloy Incorporated, Pittsburgh, Pa. Making ferro-alloys and of making alloy steels from such alloys and in compositions for use in such processes. Re. 21,047; Apr. 11.
Hardesty, James M., and S. M. Sutton, Morristown, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Constructing concrete manholes. 2,166,632; July 18.
Hardgrove, Ralph M. (See Bailey, E. G., Cassidy, Hardgrove, and Ebbets.)
Hardgrove, Ralph M., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange apparatus. 2,165,258; July 11.
Hardgrove, Ralph M., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Control system. 2,170,350; Aug. 22.
Hardgrove, Ralph M., Westfield, N. J., and D. E. Griesemer, Allentown, Pa., assignors to The Babcock & Wilcox Company, Newark, N. J. Distributor for pneumatically transported solid material. 2,159,629; May 23.
Hardie, Harry, and J. F. Hargreaves, assignors to The Faultless Manufacturing Company, Baltimore, Md. Garment band. 2,183,257; Dec. 12.
Hardie, James, & Coy, Pty. Limited. (See Reid, Andrew T., assignor.)
Hardig, Eugene J. (See Britton, L. D., and Hardig.)
Hardiman, Frank M., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Engine cooling system. 2,147,699; Feb. 21.
Hardiman, Harold V., assignor to Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn. Pile fabric loom. 2,152,592; Mar. 28.
Hardin, Andrew M., Miami, Fla. Fountain for duplicating printing machines. 2,165,139; July 4.
Harding, Arthur T., Audubon, N. J., assignor to Radio Corporation of America. Electrolytic capacitor. 2,164,742; July 4.
Harding, Arthur T. (See Anderson, L. E., and Harding.)
Harding, Hiram R., Baltimore, Md. Air conditioning unit. 2,163,239; June 20.
Harding, Howard V., New York, N. Y. Automatic holding and releasing device. 2,171,365; Aug. 29.

Harding, Leo R., Buffalo, N. Y. Stitching mechanism for sewing machines. 2,180,756; Nov. 21.
Harding, Peter G., Chicago, Ill. Universal hand saw. 2,143,981; Jan. 17.
Harding, Robert E., Elmira, N. Y., assignor to J. A. Dunn, Worcester, Mass. Holder for sales slips. 2,182,257; Dec. 5.
Harding, Walter W., Martinsville, Ind. Jar cap tool. 2,180,235; Nov. 14.
Harding, William R. (See Blankenbuehler, J. H., and Harding.)
Harding, William R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cross-field generator. 2,184,766; Dec. 26.
Hardinge Company. (See Hardinge, Harlowe, assignor.)
Hardinge, Harlowe, assignor to Hardinge Company, Incorporated, York, Pa. Ore reducing machine. 2,171,268; Aug. 29.
Hardinge, Harlowe, assignor to Hardinge Company, Incorporated, York, Pa. Classification system for pulverized materials. 2,174,630; Oct. 3.
Hardman, Peck and Company. (See Sauerland, Joseph, assignor.)
Hardt, William G., Chicago, Ill. Air humidifier for internal combustion engines. 2,153,248; Apr. 4.
Hardt, William G., Chicago, Ill. Observation device. 2,169,874; Aug. 15.
Hardt, William G., Chicago, Ill. Road map mounting means for an automobile. 2,180,146; Nov. 14.
Hardwick, John. (See Blulein, A. D., and Hardwick.)
Hardwick, John. (See Browne, C. O., and Hardwick.)
Hardwicke-Etter Company. (See Streun, John A., assignor.)
Hardwick, Hindle, Inc. (See Hastings, Donald F., assignor.)
Hardwick, John, West Drayton, Middlesex, and E. L. C. White, Hillingdon, Middlesex, assignors to Electric & Musical Industries Limited, Middlesex, England. Intervalve coupling and like circuit. 2,161,959; June 13.
Hardy, Arthur C., Wellesley, Mass., assignor to Interchemical Corporation, New York, N. Y. Color reproduction. 2,165,167; July 4.
Hardy, Arthur C., Wellesley, Mass., assignor to Interchemical Corporation, New York, N. Y. Color reproduction. 2,165,168; July 4.
Hardy, Arthur C., Wellesley, Mass., assignor to Interchemical Corporation. Making corrected color separation images. 2,179,786; Nov. 14.
Hardy, Charles, Pelham Manor, N. Y., assignor to Hardy Metallurgical Corporation. Preventing adherence of congealed substances to metals. 2,155,592; Apr. 25.
Hardy, Charles, Pelham Manor, assignor to Hardy Metallurgical Corporation, New York, N. Y. Preventing adherence of congealed substances to metals. 2,155,593; Apr. 25.
Hardy, Charles, Pelham, and C. L. Mantell, Manhasset, N. Y., assignors to Hardy Metallurgical Company. Electrolytic metal powders. 2,157,699; May 9.
Hardy, Charles, Brooklyn, N. Y. Private refreshment bar. 2,166,633; July 18.
Hardy, Donovan H., U. S. Navy, San Diego, Calif. Marking stamp. 2,159,697; May 23.
Hardy, Frederick S. (See Hale, F. C., and Hardy.)
Hardy, Gordon W., Portland, Maine. Hydraulic steering gear. 2,178,073; Oct. 31.
Hardy, John L., Birmingham, assignor of one-half to Hardy, Spicer & Co., Limited, Witton, Birmingham, England. Flexible transmission coupling. 2,142,725; Jan. 3.
Hardy, John L., assignor to Hardy, Spicer & Co. Limited, Birmingham, England. Flexible transmission coupling. 2,153,465; Apr. 4.
Hardy, John L., assignor to Hardy, Spicer & Co. Limited, Birmingham, England. Flexible transmission coupling. 2,153,466; Apr. 4.
Hardy, John W., Pacific Beach, Calif. Photograph printing frame. 2,167,298; July 25.
Hardy Metallurgical Corporation. (See Goetzel, Claus G., assignor.)
Hardy Metallurgical Company. (See Hardy, C., and Mantell, assignors.)
Hardy Metallurgical Corporation. (See Hardy, Charles, assignor.)
Hardy Metallurgical Company. (See Mantell, Charles L., assignor.)
Hardy Metallurgical Company. (See Patterson, R. L., and Goetzel, assignors.)
Hardy, Richard D., C. Machen, and E. H. G. Aram, Westminster, assignors to British Coal Distillation Limited, London, England. Distillation of solid carbonaceous materials and apparatus therefor. 2,151,849; Mar. 28.
Hardy, Spicer & Co., Limited. (See Hardy, John L., assignor.)
Hardy, Vernal R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yarn and producing same. 2,174,878; Oct. 3.
Hardy, Wilbur, Bremerton, Wash. Periscope. 2,176,554; Oct. 17.
Hardy, William G., Crafton, assignor to The McKay Company, Pittsburgh, Pa. Pipe bending apparatus. 2,148,748; Feb. 28.
Hare, J. C., et al. (See Schramm, Frederick C., assignor.)
Hare, Weston A., L. D. Peterson, and G. Soler, assignors to The Timken Roller Bearing Company, Canton, Ohio. Collecting gases from metals. 2,143,982; Jan. 17.
Harford, Albert K., Oakland, Calif., assignor, by mesne assignments, to The American Rolling Mill Company, Middletown, Ohio. Manufacture of spiral pipe. 2,155,859; Apr. 25.
Harford, Charles G., Wollaston, assignor to Arthur D. Little, Inc., Cambridge, Mass. Buttermilk casein product. 2,167,751; Aug. 1.
Harford, Charles G., Wollaston, assignor to Arthur D. Little, Inc., Cambridge, Mass. Casein coating composition and preparing the same. 2,167,752; Aug. 1.
Harford, Charles G., Wollaston, Mass., assignor to Monsanto Chemical Company, St. Louis, Mo. Flatting agent and uses therefor. 2,180,145; Nov. 14.
Harford, Charles G., Quincy, assignor to Arthur D. Little, Incorporated, Cambridge, Mass. Making unsaturated chlorides or bromides and halohydrin esters. 2,179,787; Nov. 14.
Harford, Charles G., Wollaston, Mass., and E. Stafford, Philadelphia, Pa., assignors to Arthur D. Little, Inc. Spinning glass. 2,156,982; May 2.
Harfst, Walter, Grand Island, Nebr. Electrical tire gauge. 2,167,568; July 25.
Hargrave, William, Hillsboro, Oreg. Automobile signal. 2,168,673; Aug. 8.
Hargreaves, Edward S. (See Bolton, C. R., Lawrenson, Hargreaves, Clements, and Brown.)
Hargreaves, John F. (See Hardie, H., and Hargreaves.)
Hargreaves, Percy. (See Barrett, E. W., and Hargreaves.)
Hargreaves, William, Bergenfield, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Magnetic and resonator selector for carrier conveyers. 2,150,440; Mar. 14.
Hargroves, Willis W., assignor to Planters Manufacturing Company, Inc., Portsmouth, Va. Basket cover and fastener. 2,162,305; June 13.
Hari, Frank J., Newark, N. J. Glare-preventive lens. 2,166,684; July 18.
Haring, Ivan P., Houston, assignor of two-thirds to T. L. Cummings, Harris County, Tex. Internal combustion motor. 2,175,463; Oct. 10.
Haris, Ford W., assignor to Patco, Inc., Los Angeles, Calif. Pipe tongs. 2,162,216; June 13.
Haritos, Tassos G., assignor to Baby Aids, Inc., New York, N. Y. Holder for nursing bottles. 2,183,332; Dec. 12.
Härje, August B., Copenhagen, Denmark. Cutting tool. 2,171,694; Sept. 5.
Harker, John S., Vineland, and L. C. Van Gorden, Franklinville, assignors to Kimble Glass Company, Vineland, N. J. Conveyer chain. 2,154,844; Apr. 18.
Harkins, Charles R., Flint, Mich. Fishhook extractor. 2,155,898; Apr. 25.
Harkins, Henry H., River Edge, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Chemically resistant structure. 2,167,716; Aug. 1.
Harkins, James J., Wheeling, W. Va. Educational game. 2,174,034; Sept. 26.
Harlan, Avery S., Detroit, Mich., and V. S. Crane and P. R. Honan, near Lebanon, Boone County, assignors to Honan-Crane, Inc., Lebanon, Ind. Apparatus for refining oil. 2,153,062; Apr. 4.
Harlan, George E., Indianapolis, Ind. Soldering tool. 2,162,615; June 13.
Harlan, Howard H., East Moline, Ill., assignor, by mesne assignments, to American Machine & Metals Inc., New York, N. Y. Cylindrical washing machine structure and making same. 2,149,809; Mar. 7.
Harlan, Ralph F. (See Rose, S. L., and Harlan.)
Harless, Charles A., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Rotary delivery mechanism. 2,156,454; May 2.
Harless, Charles A., Oak Park, assignor to The Goss Printing Press Company, Chicago, Ill. Rotary inking mechanism. 2,177,253; Oct. 24.
Harleston, Loyd, Baton Rouge, La. Control system for pipe lines. 2,180,901; Nov. 21.
Harley, Benjamin F. (See Kronson, H., and Harley.)
Harley, Bertron G., et al. (See Harley, Bertron G., assignor.)
Harley, Bertron G., assignor to B. G. and E. B. Harley, Saco, Maine. Dumping device for trucks. 2,172,138; Sept. 5.
Harley-Davidson Motor Company. (See Harley, William S., assignor.)
Harley, Edna B., et al. (See Harley, Bertron G., assignor.)
Harley, Maldon C., Harlington, Hayes, England. Illuminating device. 2,148,198; Feb. 21.
Harley, Maldon C., Harlington, Hayes, England. Electric lamp. 2,149,172; Feb. 28.
Harley, William S., assignor to Harley-Davidson Motor Company, Milwaukee, Wis. Piston. 2,180,521; Nov. 21.
Harlin, Ellis C. (See Pitsch, Julius A., assignor.)
Harlow, Fred, Newark, Ohio. Trap. 2,155,544; Apr. 25.
Harlow, Walter F., Duffield, England. Centrifugal pump. 2,166,436; July 18.
Harlow, Winton G., Springfield, Pa., assignor to General Electric Company. Mounting for electric switches. 2,150,766; Mar. 14.

Harman, Hal W., El Paso, Tex. Fastening. 2,142,896; Jan. 3.
Harman, Harry G., Lisbon, Iowa. Lateral mowing apparatus. 2,165,851; July 11.
Harman, James R., assignor to C. O. Porter Machinery Company, Grand Rapids, Mich. Power operated router. 2,183,258; Dec. 12.
Harman, Marion W., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Making the piperidine salt of pentamethylene-dithio-carbamic acid. 2,153,043; Apr. 4.
Harman, Marion W., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Vulcanization accelerator. 2,167,385; July 25.
Harman, Marion W., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Vulcanization of rubber. 2,170,453; Aug. 22.
Harman, Marion W., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Vulcanization of rubber. 2,171,305; Aug. 29.
Harmon Color Works, Inc. (See Vesce, Vincent C., assignor.)
Harmon, Edward F., Flushing, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Web guiding device. 2,164,919; July 4.
Harmon, Ernest T., Lewiston, and P. W. Doherty, Portland, Maine. Power transmission apparatus. 2,167,276; July 25.
Harmon, F. S., Manufacturing Company. (See Bennes, Adolph B., assignor.)
Harmon, Jesse, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation for biuret. 2,145,392; Jan. 31.
Harmon, Jesse, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Diolefin polymerization process. 2,151,382; Mar. 21.
Harmon, Jesse, and D. M. McQueen, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Process and bath for cleaning metals. 2,165,852; July 11.
Harmon, Lawrence E., Jr., Jamestown, N. Y. Device for removing putty from window sashes. 2,161,040; June 6.
Harmon Manufacturing Company et al. (See Bennes, Adolph B., assignor.)
Harmon, Melvin H., High Point, N. C. Drawer slide or guide. 2,142,897; Jan. 3.
Harmon, Melvin H., High Point, N. C. Extension supporting roller drawer guide. 2,142,898; Jan. 3.
Harnack, Willy. (See Görnitz K., Harnack, and Wurm.)
Harney, Frank J., Lynn, Mass. Latch. 2,164,584; July 4.
Harnischfeger Corporation. (See Bates, J. H., and Hansen, assignors.)
Harnischfeger Corporation. (See Esters, Joseph H., assignor.)
Harnischfeger Corporation. (See Harnischfeger, Walter, assignor.)
Harnischfeger Corporation. (See Oesterlein, William J., assignor.)
Harnisch, Martin, Berlin, Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Tube having a plurality of grids. 2,172,198; Sept. 5.
Harnischfeger, Walter, assignor to Harnischfeger Corporation, Milwaukee, Wis. Excavator base and frame. 2,144,760; Jan. 24.
Harnly, David H., Chicago, Ill., deceased; W. R. Matheny, administrator. Weatherproofing structure for doors. 2,156,430; May 2.
Harnly, David H., deceased, Chicago, Ill.; W. R. Matheny, administrator. Weatherproofing structure for doors. 2,166,993; July 25.
Harold, Joseph F. X., Yonkers, N. Y. Fabric making. 2,184,041; Dec. 19.
Haroldson, Arthur, assignor to Continental-Diamond Fibre Company, Newark, Del. Resinous product and making the same. 2,185,080; Dec. 26.
Harper, Carolyn L., et al., trustees. (See Harper, Philip S., assignor.)
Harper, Carolyn L., trustees, et al. (See Harper, P. S., and Turner, assignors.)
Harper, Edward A. (See Hill, George and A. G., Baker, Mitchum, and Harper.)
Harper, Ewing, San Francisco, Calif. Ashtray and cigarette extinguisher. Re. 21,303; Dec. 19.
Harper, Fred C. (See Randall, W. H., and Harper.)
Harper, George G., West Hartford, Conn. Record card system. 2,177,106; Oct. 24.
Harper, Harry D., assignor to M. K. Harper, Minneapolis, Minn. Apparatus for making infusions. 2,151,966; Mar. 28.
Harper, Henry L., Verona, assignor to Aluminum Company of America, Pittsburgh, Pa. Metal rolling process. 2,143,554; Jan. 10.
Harper, Joseph W. (See Frank, W. H., and Harper.)
Harper, Margaret K. (See Harper, Harry D., assignor.)
Harper, Philip S., assignor of one-fourth to C. L. Harper and one-fourth to P. S. Harper, Chicago, Ill., and one-half to P. S. Harper and C. L. Harper, as trustees. Gas burner. 2,156,533; May 2.
Harper, Philip S., et al., trustees. (See Harper, Philip S., assignor.)
Harper, Philip S., and G. F. Turner, Chicago, assignors of one-fourth to said P. S. Harper and one-half to C. L. Harper, Chicago, Ill., and one-fourth to P. S. Harper and C. L. Harper, as trustees. Valve mechanism. 2,160,358; May 30.
Harper, Robert N., Danville, Va. Method and apparatus for procuring impressions of the surfaces of the anterior teeth for dental work. 2,171,695; Sept. 5.
Harper, Thomas C., assignor of one-third to A. A. Nelson, Kansas City, Mo., and one-third to O. F. Nelson, Cook County, Ill. Governor cable take-up. 2,142,354; Jan. 3.
Harper, Thomas E., Jr., and G. Reinberg, La Oroya, Peru, assignors, by mesne assignments, to The American Metal Company, Limited, New York, N. Y. Removal of tin from lead containing tin and other impurities. 2,155,545; Apr. 25.
Harper, Walter J., Lakewood, assignor to The Glidden Company, Cleveland, Ohio. Treatment of tung oil. 2,152,642; Apr. 4.
Harper, William A. (See Frank, William H., and Harper.)
Harper, William, Jr., Port Washington, N. Y. Internal combustion engine. 2,151,698; Mar. 28.
Harper, William, Jr., Port Washington, assignor to H. B. Motor Corporation, New York, N. Y. Piston for internal combustion engines. 2,153,501; Apr. 4.
Harper, Worthy C., Caldwell, Ohio, assignor to American Optical Company, Southbridge, Mass. Ophthalmic instrument. 2,160,359; May 30.
Harpman, Sigmund A., assignor to Oklahoma Paper Co., Oklahoma City, Okla. Shirt form. 2,147,576; Feb. 14.
Harpster, Howard, assignor of one-third to J. C. Keaney, Mount Lebanon, and one-third to J. M. Guthrie, Pittsburgh, Pa. Stroke perfecting device for golfers. 2,152,381; Mar. 28.
Harr, Herman H., Newark, N. J. Beer-dispensing faucet. 2,170,922; Aug. 29.
Harrah, Clayton C., assignor to National Standard Company, Niles, Mich. Manufacture of tubing. 2,158,796; May 16.
Harrah, Clayton C., assignor to National Standard Company, Niles, Mich. Vehicle. 2,176,964; Oct. 24.
Harrel, Chastain G., and A. W. Lindert, assignors to Pillsbury Flour Mills Company, Minneapolis, Minn. Feed and process of preparing same. 2,157,755; May 9.
Harrell, Fred E., and F. S. Dobric, assignors to The Reliance Electric & Engineering Company, Cleveland, Ohio. Ventilated cast rotor. 2,176,871; Oct. 24.
Harrie, James W., Oakland, assignor to Westinghouse Pacific Coast Brake Company, Emeryville, Calif. Regulator for fuel burners. 2,147,294; Feb. 14.
Harrie, James W., Oakland, assignor to Westinghouse Pacific Coast Brake Company, Emeryville, Calif. Steam boiler regulator. 2,176,132; Oct. 17.
Harries, John H. O., London, England. Electron discharge device. 2,155,824; Apr. 25.
Harrigan, Herman R., Chevy Chase, Md., assignor to District of Columbia Paper Mills, Incorporated, Washington, D. C. Third dimension ornamentation and producing the same. 2,154,614; Apr. 18.
Harrington, Alfred L., Rosslyn Farms, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Plate glass surfacing table. 2,152,801; Apr. 4.
Harrington, Edward L., Pittsburgh, assignor to Blaw-Knox Company, Blawnox, Pa. Head assembly for grab buckets. 2,170,999; Aug. 29.
Harrington, Ferris T., assignor to Vickers, Incorporated, Detroit, Mich. Reducing valve. 2,184,670; Dec. 26.
Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Core taking apparatus. 2,147,896; Feb. 21.
Harrington, George G., assignor to Reed Roller Bit Company, Houston, Tex. Core taking apparatus. 2,184,343; Dec. 26.
Harrington, George P., Fairfield, Conn. Hose coupling. 2,179,930; Nov. 14.
Harrington, James R., Oak Park, Ill., assignor, by mesne assignments, to The Autocall Company, Shelby, Ohio. Electric signaling, supervising, and recording system. 2,164,324; July 4.
Harrington, James R., Mansfield, assignor to The Autocall Company, Shelby, Ohio. Pressure and temperature responsive device. 2,176,338; Oct. 17.
Harrington, Joseph F., Highland Park, Ill. Manufacture of esters. 2,147,341; Feb. 14.
Harrington, Joseph, Jr., Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for separating shoes from lasts. 2,144,624; Jan. 24.
Harrington & King Perforating Company. (See Barrett, Harold T., assignor.)
Harrington, Oscar S., Miami, Fla. Car aerial. 2,166,589; July 18.
Harrington, Philip. (See Dundas, W. A., and Harrington.)
Harrington, Wallace A., Spokane, Wash. Connector. 2,164,612; July 4.
Harrington, William E., Beaumont, Tex. Hydraulic brake system. 2,184,042; Dec. 19.
Harris, Alexander C., Letchworth, England. Electrically heated fabric. 2,157,606; May 9.
Harris, Alfred S. (See Harrold, C. W., and Harris.)
Harris, Allyn, Chicago, Ill., assignor to Cardox Corporation. Material-breaking device. 2,161,041; June 6.

Harris, Anthony B., Bronxville, N. Y., assignor to Joseph E. Seagram & Sons, Inc., Lawrenceburg, Ind. Periscope. 2,155,164; Apr. 18.
Harris, Artie B., Kansas City, Mo. Making cutting blades. 2,168,406; Aug. 8.
Harris, Benjamin R., Chicago, Ill. Halogen-carboxylic acid esters. 2,145,443; Jan. 31.
Harris, Benjamin R., Chicago, Ill. Treating egg material. 2,151,760; Mar. 28.
Harris, Benjamin R.; and M. C. Reynolds, deceased; The First National Bank of Chicago and L. E. Reynolds, executors, assignors to The Emulsol Corporation, Chicago, Ill. Egg material. 2,142,510; Jan. 3.
Harris, Benjamin R.; and M. C. Reynolds, deceased; The First National Bank of Chicago and L. E. Reynolds, executors, assignors to The Emulsol Corporation, Chicago, Ill. Egg product. 2,142,511; Jan. 3.
Harris, Benjamin R., Chicago, Ill., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Sulphated aliphatic ethers. 2,155,899; Apr. 25.
Harris, Benjamin R., Chicago, Ill., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Cake batter and shortening for making cake. 2,158,775; May 16.
Harris, Benjamin R., Chicago, Ill. Sulphocarboxylic esters. 2,166,141 July 18.
Harris, Benjamin R., Chicago, Ill. Sulphocarboxylic acid esters. 2,166,142; July 18.
Harris, Benjamin R., Chicago, Ill. Sulphocarboxylic esters. 2,166,143; July 18.
Harris, Benjamin R., Cnicago, Ill. Preparation of sulphocarboxylic esters. 2,166,144; July 18.
Harris, Benjamin R., Chicago, Ill. Sulphocarboxylic esters. 2,166,145; July 18.
Harris, Benjamin R., Chicago, Ill. Cosmetic preparation. 2,173,203; Sept. 19.
Harris, Benjamin R., Chicago, Ill. Reaction product of pyrophosphoric acid with acyl derivatives of polyhydroxy substances. 2,177,650; Oct. 31.
Harris, Benjamin R., Chicago, Ill. Phosphate esters. 2,177,983; Oct. 31.
Harris, Benjamin R., Chicago, Ill. Phosphoric acid esters and producing them. 2,177,984; Oct. 31.
Harris, Benjamin R., Chicago, Ill. Ore dressing. 2,177,985; Oct. 31.
Harris, Benjamin R., Chicago, Ill. Preparation of salts of interface modifying agents. 2,181,890; Dec. 5.
Harris, Benjamin R., Chicago, Ill. Ore dressing. 2,182,845; Dec. 12.
Harris, Carl C., Orange, Mass. Pencil clip. 2,167,717; Aug. 1.
Harris, Charles R. (See Scott, N. D., and Harris.)
Harris, Charles R., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Manufacture of hydrocyanic acid. 2,184,062; Dec. 19.
Harris, Claire S., assignor to The Dow Chemical Company, Midland, Mich. Apparatus for melting magnesium. 2,173,063; Sept. 12.
Harris, Clara F., Kansas City, Mo. Container for lipstick and applicator. 2,177,651; Oct. 31.
Harris, Clarence E., Winthrop, Mass. Wrench. 2,156,285; May 2.
Harris, David A., New Kensington, Pa. Milk can. 2,164,816; July 4.
Harris, Donald A., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Heat exchanger. 2,146,141; Feb. 7.
Harris, Edward. (See Harris, Julius and E.)
Harris, Edward H., assignor to Wheeler Insulated Wire Company, Bridgeport, Conn. Wire drawing. 2,142,394; Jan. 3.
Harris, Edward R., Los Angeles, Calif. Sound recording and reproducing head. 2,142,563; Jan. 3.
Harris, Elwin E. (See Sherrard, E. C., and Harris.)
Harris, Ford W., Los Angeles, Calif. Pumping mechanism. 2,152,802; Apr. 4.
Harris, Frank C., Lakewood, assignor to The American Monorail Company, Cleveland, Ohio. Overhead carrier. 2,168,986; Aug. 8.
Harris, Garred T., Charleston, W. Va. Pawl operating mechanism. 2,154,568; Apr. 18.
Harris, Gavin M., assignor to Callender's Cable and Construction Company Limited, London, England. Manufacture of wire strands. 2,156,652; May 2.
Harris, George W., and J. Voss, Chicago, Ill. Hydraulic air compressor. 2,181,729; Nov. 28.
Harris, Henry H., Champaign, Ill. Muffle. 2,145,256; Jan. 31.
Harris, Henry H., Champaign, Ill. Muffle. 2,145,257; Jan. 31.
Harris, Henry H., Champaign, Ill. Flexible retainer member for heat treatment trays. 2,145,258; Jan. 31.
Harris, Henry H., Champaign, Ill. Heat treating furnace. 2,147,650; Feb. 21.
Harris, Henry H., Champaign, Ill. Tubular heat treating furnace tray. 2,148,462; Feb. 28.
Harris, Henry H., Champaign, Ill. Heat treating furnace tray. 2,148,463; Feb. 28.
Harris, Henry H., Champaign, Ill. Heat treating furnace tray. 2,148,464; Feb. 28.
Harris, Henry H., Champaign, Ill. Heat treating furnace tray. 2,168,333; Aug. 8.
Harris, Henry H., Champaign, Ill. Furnace pot. 2,168,334; Aug. 8.
Harris, Henry H., Champaign, Ill. Roller unit. 2,172,376; Sept. 12.
Harris, Henry H., Champaign, Ill. Roller rail unit. 2,172,377; Sept. 12.
Harris, Henry H., Champaign, Ill. Roller rail. 2,172,378; Sept. 12.
Harris, Henry H., Champaign, Ill. Roller rail. 2,172,379; Sept. 12.
Harris, Henry H., Champaign, Ill. Roller rail for industrial heat treating purposes. 2,172,380; Sept. 12.
Harris, Henry H., Champaign, Ill. Roller rail for industrial heat treating furnaces. 2,172,381; Sept. 12.
Harris, Henry H., Champaign, Ill. Heat-treating furnace tray. 2,176,072; Oct. 17.
Harris, Henry H., Champaign, Ill. Heat-treating furnace tray. 2,176,073; Oct. 17.
Harris, Henry H., Champaign, Ill. Carburizing box. 2,182,201; Dec. 5.
Harris, Henry H., Champaign, Ill. Roller rail for heat treating furnaces. 2,182,202; Dec. 5.
Harris, Huston, assignor to Corning Glass Works, Corning, N. Y. Television apparatus. 2,160,434; May 30.
Harris, John L., New York, N. Y. Shoe fitter device. 2,159,525; May 23.
Harris, John M., Jr., and C. A. Matherne, Baton Rouge, La., assignors to Standard Oil Development Company. Apparatus for subjecting liquids to silent electric discharge. 2,167,718; Aug. 1.
Harris, Julius and E., Chicago, Ill. Stem. 2,159,698; May 23.
Harris, Leonard B., Bayside, Long Island City, N. Y. Vehicle seat. 2,149,290; Mar. 7.
Harris, Lewis E. (See Breed, F., and Harris.)
Harris, Mark B., Birmingham, Mich. Hinge. 2,179,931; Nov. 14.
Harris Products Co. (See Bradley, Dan T.)
Harris, Raymond E., Agawam, Mass. Educational apparatus. 2,184,120; Dec. 19.
Harris, Robert A., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Cooling system. 2,161,570; June 6.
Harris-Seybold-Potter Company. (See Eickman, Walter C., assignor.)
Harris-Seybold-Potter Company. (See Harrold, Charles W., assignor.)
Harris-Seybold-Potter Company. (See Harrold, C. W., and Harris, assignors.)
Harris-Seybold-Potter Company. (See Harrold, C. W., and Wood, assignors.)
Harris-Seybold-Potter Company. (See Kaddeland, Christen R., assignor.)
Harris-Seybold-Potter Company. (See Lehman, John R., assignor.)
Harris-Seybold-Potter Company. (See Sims, William O., assignor.)
Harris-Seybold-Potter Company. (See Valiquette, William L., assignor.)
Harris-Seybold-Potter Company. (See Wood, J. R., and Harrold, assignors.)
Harris-Seybold-Potter Company. (See Wood, William H., assignor.)
Harris-Seybold-Potter Company. (See Wright, Joseph T., assignor.)
Harris, Stephen F., Dover, Mass. Transparent display and mounting container for stamps and the like. 2,142,843; Jan. 3.
Harris, Sterling G., assignor to The Blue Channel Corporation, Centreville, Md. Preserving crab meat. 2,155,308; Apr. 18.
Harris Textile Machinery Corporation. (See Harris, Thomas, assignor.)
Harris, Thaddeus S., Waverly, Ill. Deep well pump. 2,183,351; Dec. 12.
Harris, Thomas, Providence, R. I. Propeller shaft protector. 2,143,693; Jan. 10.
Harris, Thomas, Providence, R. I. Invalid chair. 2,150,441; Mar. 14.
Harris, Thomas, Providence, R. I., assignor to Harris Textile Machinery Corporation. Drafting apparatus. 2,143,876; Jan. 17.
Harris, Thomas, Providence, R. I., assignor to Harris Textile Machinery Corporation. Tensioning device for drafting machines. 2,153,118; Apr. 4.
Harris, William A. (See Griffin, W. S., Jr., Harris, and Wallace.)
Harris, William D., assignor to Refinoil Manufacturing Corporation, Kansas City, Mo. Electric heating element. 2,181,484; Nov. 28.
Harris, William H., Jr. (See Brower, E. F., and Harris.)
Harrison, Alma J., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Machine for applying joint or edge stripping to wire mesh screen. 2,144,570; Jan. 17.
Harrison, Archibald A., and H. Samuels, Blackley, England, assignors to Imperial Chemical Industries Limited. Manufacture of phthalocyanine coloring matters soluble in organic media. 2,150,741; Mar. 14.
Harrison, Charles F. R. (See Clark, A. M., Batten, and Harrison.)
Harrison, Charles F. R., Selley Oak, Birmingham, and A. E. Wallis, Clydach, England, assignors to The International Nickel Company, Inc., New York, N. Y. Preparation of nickel carbonyl. 2,167,112; July 25.

Harrison, Clifford E., assignor to American Engineering Company, Philadelphia, Pa. Material feeding mechanism. 2,156,627; May 2.
Harrison, E. H. (See Reed, Tiffin W., assignor.)
Harrison, Edwin S., deceased, Clayton, Mo.; M. J. Harrison, administratrix. Brake operating apparatus for automobiles and similar vehicles. 2,161,159; June 6.
Harrison, Geoffrey B., Ilford, assignor to Ilford Limited, Ilford, Essex, England. Color photography. 2,173,110; Sept. 19.
Harrison, George, assignor to Doehler Die-Casting Co., Toledo, Ohio. Hole sizing tool. 2,180,823; Nov. 21.
Harrison, George E., Yuba City, Calif. Lug box. 2,175,390; Oct. 10.
Harrison, George O. (See Parsons, J. S., and Harrison.)
Harrison, George R., assignor to National Stamping Company, Detroit, Mich. Battery hold-down clamp and making the same. 2,170,325; Aug. 22.
Harrison, Halla M., Portland, Oreg. Combination stationery and envelope. 2,147,897; Feb. 21.
Harrison, Harry P., assignor of one-half to I. L. Wiener, Chicago, Ill. Wheel-aligning gauge. 2,159,084; May 23.
Harrison, Henry C., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Earphone support. 2,149,341; Mar. 7.
Harrison, John K. M., Ogontz, Pa. Receptacle opener and spout. 2,158,502; May 16.
Harrison, John K. M., Ogontz, Pa. Paper and other containers and their manufacture. 2,173,585; Sept. 19.
Harrison, John K. M., Ogontz, Pa. Machine for making, filling, and sealing containers. 2,180,954; Nov. 21.
Harrison, Laurence E., Altadena, assignor, by mesne assignments, to Surgident, Ltd., Los Angeles, Calif. Package of reversible thermoplastic impression composition. 2,178,663; Nov. 7.
Harrison, Laurence S., Hartsdale, assignor to International Business Machines Corporation, New York, N. Y. Elapsed time printer. 2,153,185; Apr. 4.
Harrison, Laurence S., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Time recorder. 2,156,983; May 2.
Harrison, Margaret J., administratrix. (See Harrison, Edwin S.)
Harrison, Nealis C. (See Hill, T. E., and Harrison.)
Harrison, Sarah A., Omaha, Nebr. Button fastening means. 2,150,118; Mar. 7.
Harrison, Ted, assignor of one-half to A. L. Chavicourt, Erwin, Tenn. Collapsible container closure. 2,184,592; Dec. 26.
Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Recording and control system and apparatus therefor. Re. 21,309; Dec. 26.
Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Automatic control system. 2,162,469; June 13.
Harrison, Thomas R., Wyncote, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,172,064; Sept. 5.
Harrison, Thomas R., Wyncote, E. H. Grauel, Conshohocken, and J. E. Kessler, assignors to The Brown Instrument Company, Philadelphia, Pa. Measuring, indicating, and recording instrument. 2,150,502; Mar. 14.
Harrison, Vernon C. J., Timperley, assignor to Linotype and Machinery Limited, London, England. Casting mechanism of typographical composing machines. 2,170,263; Aug. 22.
Harrison, Wallace B., Pasadena, Calif. Bait container for animal traps. 2,175,754; Oct. 10.
Harrison, Ward, Shaker Heights, Ohio, assignor to General Electric Company. Illumination. 2,156,087; Apr. 25.
Harrison, William A., Liverpool, England. Wire clip forming and closing machine. 2,147,976; Feb. 21.
Harrison, Woodford F., assignor to The Adhesive Products Co., San Francisco, Calif. Parcel handle. 2,158,697; May 16.
Harrison, Woodford F., Berkeley, and F. H. Meyer, Oakland, assignors to The Adhesive Products Co., San Francisco, Calif. Dispenser for parcel handles. 2,161,415; June 6.
Harrold, Charles W. (See Wood, J. R., and Harrold.)
Harrold, Charles W., University Heights, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Feeding and registering sheets. 2,182,023; Dec. 5.
Harrold, Charles W., University Heights, and A. S. Harris, Cleveland Heights, assignors to Harris-Seybold-Potter Company, Cleveland, Ohio. Inker throw-off. 2,162,812; June 20.
Harrold, Charles W., Shaker Heights, Ohio, and J. R. Wood, Shelton, Conn., assignors to Harris-Seybold-Potter Company, Cleveland, Ohio. Inker mechanism. 2,173,839; Sept. 26.
Harroun, Ray W., Detroit, Mich., assignor to Aero-style Corporation, Anderson, Ind. Wheel guard fastener. 2,161,161; June 6.
Harroun, Ray W., and E. K. Zimmerman, Detroit, Mich., assignors to Aero-Style Corporation, Indianapolis, Ind. Wheel guard. 2,161,160; June 6.
Harroun, Ray W., Saginaw, and E. K. Zimmerman, Detroit, Mich., assignors to Aero-Style Corporation, Indianapolis, Ind. Wheel guard. 2,163,321; June 20.
Harroun, William L., Ellisburg, N. Y. Cigarette extinguisher. 2,147,029; Feb. 14.
Harry, Eugene B., Tulare, Calif. Padding rack. 2,170,301; Aug. 22.
Harry, Frederick C. E., Maroubra, and H. H. York, Killara, assignors to Chemtex Limited, Alexandria, near Sydney, New South Wales, Australia. Culinary salt. 2,175,955; Oct. 10.
Harry, Robert J., Alliance, Ohio, assignor to The Alliance Machine Company. Journal bearing lining. 2,163,090; June 20.
"Harry's Tire Shop." (See Mahler, Max.)
Harsch, John W., Gwynedd, assignor to Leeds and Northrup Company, Philadelphia, Pa. Carburizing. 2,161,162; June 6.
Harsch, John W., Gwynedd, assignor to Leeds & Northrup Company, Philadelphia, Pa. Heat treating system. 2,168,028; Aug. 1.
Harshaw Chemical Company, The. (See Bozarth, Abe R., assignor.)
Harshaw Chemical Company, The. (See Burchfield, Paul E., assignor.)
Harshaw Chemical Company, The. (See Kremers, Harry C., assignor.)
Harshaw Chemical Company, The. (See Long, Kenneth E., assignor.)
Harshaw Chemical Company, The. (See Swinehart, Carl F., assignor.)
Harshberger, Norman P., Scarsdale, assignor to Bakelite Building Products Co. Inc., New York, N. Y. Method and apparatus for making building materials or the like. 2,156,286; May 2.
Harsin, Clarence W., Los Angeles, Calif. Paperhanger's folding straight edge. 2,151,467; Mar. 21.
Harsted, Harry H., assignor to Gephart Manufacturing Co., Chicago, Ill. Fishing rod. 2,159,795; May 23.
Harsted, Harry H., assignor to Gephart Manufacturing Company, Chicago, Ill. Handle for fishing rods. 2,177,064; Oct. 24.
Hart, Arthur M., Lakewood, Ohio. Water heater. 2,163,199; June 20.
Hart, Barbara, San Francisco, Calif. Extension table for washbasins and the like. 2,162,887; June 20.
Hart-Carter Company. (See Hartley, Arthur J., assignor.)
Hart-Carter Company. (See Ingraham, Charles C., assignor.)
Hart, Charles, Chester, Pa. Preparation of pure carbon dioxide. 2,143,773; Jan. 10.
Hart, Charles, Chester, Pa. Treatment of dolomite for producing magnesia alba and lime products. 2,143,774; Jan. 10.
Hart, Clyde A., Richmond, Ind. Telegraph key. 2,143,067; Jan. 10.
Hart & Cooley Manufacturing Company. (See Covell, Harold S., assignor.)
Hart & Cooley Manufacturing Company. (See Heasley, Loyd E., assignor.)
Hart, Cornelius. (See Hobbs, J. W., and Hart.)
Hart, Dudley W., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Mounting for rock drills. 2,165,853; July 11.
Hart, Dudley W., and E. F. Wickens, Phillipsburg, assignors to Ingersoll-Rand Company, Jersey City, N. J. Forging device. 2,163,786; June 27.
Hart, Dudley W., and M. F. Behney, Phillipsburg, assignors to Ingersoll-Rand Company, Jersey City, N. J. Mounting for rock drills. 2,168,522; Aug. 8.
Hart, Earl H., Berkley, Mich. Mortar depositing device. 2,156,474; May 2.
Hart, Earl R., Cleveland Heights, assignor to The Clark Controller Company, Cleveland, Ohio. Clutch. 2,180,412; Nov. 21.
Hart, Edwin B., and W. B. Griem, Madison, Wis., and La V. E. Clifcorn, Chicago, Ill., assignors to Wisconsin Alumni Research Foundation, Madison Wis. Stabilization of iodine in salt and other feed materials. 2,144,150; Jan. 17.
Hart, Frank, Los Angeles, Calif. Decalcomania transfer. 2,184,077; Dec. 19.
Hart, Franklin L., Boston, Mass. Shaft indexing device. 2,164,455; July 4.
Hart, Fred V., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping soles. 2,170,022; Aug. 22.
Hart, Fred V., Lynn, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for operating upon soles. 2,182,806; Dec. 12.
Hart. George H., West Hartford, Conn. Electric switch indexing mechanism. 2,155,594; Apr. 25.
Hart, George H., West Hartford, Conn. Thermostatically operated electric switch. 2,182,315; Dec. 5.
Hart, Harold W., Los Angeles, Calif. Wall gas heater. 2,159,149;; May 23.
Hart, Henry A., Bayside, N. Y. Display device. 2,183,426; Dec. 12.
Hart, Henry J., West Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,157,607; May 9.
Hart, Henry J., West Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,177,432; Oct. 24.
Hart, Henry J., West Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,182,433; Dec. 5.
Hart, Kenneth V., Cleveland, Ohio. Fabricated structure. 2,183,563; Dec. 19.

Hart, Kenneth V., Cleveland, Ohio. Fabricated spring structure and making same. 2,183,564; Dec. 19.
Hart, Paul, Detroit, Mich. Dispensing mechanism. 2,147,252; Feb. 14.
Hart, Raymond S., Brooklyn, N. Y., assignor to Harry H. St. Clair, Montclair, N. J. Electronic discharge testing device and contactor. 2,183,333; Dec. 12.
Hart, Stanley, Kensington, assignor to Tuttle & Bailey, Inc., New Britain, Conn. Latch and lock. 2,163,307; June 20.
Hart, Willard M., Tucson, Ariz. Spark plug. 2,174,978; Oct. 3.
Hart, William A., Detroit, Mich., assignor to Colonial Broach Company. Rotary broaching machine. 2,156,941; May 2.
Hart, William A., Detroit, Mich., assignor to Colonial Broach Company. Spiral broach device. 2,158,720; May 16.
Hart, William A., Detroit, Mich., assignor to Colonial Broach Company. Vertical broach. 2,162,813; June 20.
Hart, William A., Detroit, Mich., assignor to Colonial Broach Company. Horizontal broach. 2,162,814; June 20.
Hart, William A., Detroit, Mich., assignor to Colonial Broach Company. Lubricating ways. 2,164,518; July 4.
Hart, William A., Detroit, Mich., assignor to Colonial Broach Company. Broaching cutter for stub ball joint. 2,164,874; July 4.
Hartanov, Andrew S. (See Williams, B. E., and Hartanov.)
Hartanov, Andrew S., assignor to Industrial Patents Corporation, Chicago, Ill. Motor. 2,155,708; Apr. 25.
Hartanov, Andrew S., assignor to Industrial Patents Corporation, Chicago, Ill. Tongue protector. 2,155,710; Apr. 25.
Hartanov, Andrew S., assignor to Industrial Patents Corporation, Chicago, Ill. Carcass tongue protector. 2,168,708; Aug. 8.
Hartanov, Andrew S., assignor to Swift and Company, Chicago, Ill. Meat marking. 2,182,203; Dec. 5.
Hartanov, Andrew S., and C. L. Lohner, assignors to Industrial Patents Corporation, Chicago, Ill. Tongue protector method. 2,155,799; Apr. 25.
Hartanov, Andrew S., and C. L. Lohner, assignors to Industrial Patents Corporation, Chicago, Ill. Tongue protector. 2,168,709; Aug. 8.
Hartbauer, August W. L., Chicago, Ill. Brake operating mechanism. 2,179,503; Nov. 14.
Harte, Charles R., Jr., Niagara Falls, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Gas Liquid contact apparatus such as distillation apparatus. 2,143,877; Jan. 17.
Hartel, Ernest G., Middlesex, England. Electrolytic etching machine. 2,142,512; Jan. 3.
Harten, John J., assignor to Niles-Bement-Pond Company, Hartford, Conn. Rotatable cutting tool. 2,155,595; Apr. 25.
Harten, Karl P., Eichen, and A. Lerg, Kreuztal, assignors to Hüttenwerke Siegerland Aktiengesellschaft, Siegen, Westfalen, Germany. Machine for receiving and conveying into and out of the pickling tanks, piles of sheet billets, semifinished rolled products, sheets, and other material to be pickled. 2,168,205; Aug. 1.
Harter, Isaac. (See Hay, Howard M., assignor.)
Harter, Isaac, New York, N. Y., assignor to The Babcock & Wilcox Company, Newark, N. J. Making a pipe section. 2,177,127; Oct. 24.
Harter, Noah S., Waukegan, Ill., assignor to Cyclone Fence Company. Wire belt. 2,151,913; Mar. 28.
Harter, Russell J. (See Cooley, F. N., and Harter.)
Hartford-Empire Company. (See Berthold, Walter K., assignor.)
Hartford-Empire Company. (See Dorsey, Francis E., assignor.)
Hartford-Empire Company. (See Honiss, William T., assignor.)
Hartford-Empire Company. (See Howard, George E., assignor.)
Hartford-Empire Company. (See Kucera, Peter, assignor.)
Hartford-Empire Company. (See Merrill, Donald G., assignor.)
Hartford-Empire Company. (See O'Neill, Frank, assignor.)
Hartford-Empire Company. (See Peiler, Karl E., assignor.)
Hartford-Empire Company. (See Rowe, George E., assignor.)
Hartford-Empire Company. (See Strauch, Clauss B., assignor.)
Hartford-Empire Company. (See Wadman, Harold A., assignor.)
Hartford, Orville E. (See Jones, W. T., and Hartford.)
Hartford Special Machinery Company, The. (See Erb, Edmund M., assignor.)
Hartford, Winslow H. (See Tarr, O. F., and Hartford.)
Hartig, Henry E., Robbinsdale, assignor of one-half to H. B. Wilcox, Minneapolis, Minn. Fluid meter and measuring the rate of flow of fluids. 2,151,203; Mar. 21.
Hartig, Henry E., Robbinsdale, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system. 2,170,072; Aug. 22.
Hartig, Rufus G. (See Benning, A. F., McHarness, and Hartig.
Hartinger, Hans, assignor to the firm Carl Zeiss, Jena, Germany. Ophthalmometer. 2,171,627; Sept. 5.
Hartinger, Hans, assignor to the firm Carl Zeiss, Jena, Germany. Ophthalmometer. 2,174,308; Sept. 26.
Hartlein, Hans. (See Fingado, R., and Hertlein.)
Hartley, Arthur J., deceased, The Central National Bank and Trust Company of Peoria and N. S. Hartley, executors, assignors to Hart-Carter Company, Peoria, Ill. Clutch mechanism. 2,152,310; Mar. 28.
Hartley, Arthur J., deceased, The Central National Bank and Trust Company, and N. S. Hartley, executors, assignors to Hart-Carter Company, Peoria, Ill. Thresher feeder mechanism. 2,161,042; June 6.
Hartley, Earl W. (See German, F. O., and Hartley.)
Hartley, Fannie, Ocilla, Ga. Powder puff. 2,176,795; Oct. 17.
Hartley, George C. (See Wright, E. P. G., and Hartley.)
Hartley, George C., and M. S. Snell, London, England, assignors to Western Electric Company, Incorporated, New York, N. Y. Private branch exchange system. 2,184,523; Dec. 26.
Hartley, Hugh L. (See Middleton, Orrie C., assignor.)
Hartley, Joseph W. (See Cost, W. A., and Hartley.)
Hartley, Kenneth, Houston, assignor, by mesne assignments, to Humble Oil & Refining Company, Harris County, Tex. Apparatus for making gravity measurements. 2,159,082; May 23.
Hartley, Neta S., et al. (See Hartley, Arthur J.)
Hartley, Neta S., et al., executors. (See Hartley, Arthur J.)
Hartley, Ralph V. L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,164,325; July 4.
Hartley, Ralph V. L., South Orange, and H. E. Ives, Montclair, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Electro-optical transmission system. 2,166,247; July 18.
Hartley, Richard A., Penn Township, Allegheny County, Pa., and C. M. Bouton, Canyon, Calif., assignors to The Union Switch & Signal Company, Swissvale, Pa. Electrical rectifier. 2,172,887; Sept. 12.
Hartman, Carl H., New Rochelle, N. E. Dorrington, Oswego, and H. S. Hangen, North Tarrytown, assignors to St. Regis Paper Company, New York, N. Y. Cement packer. 2,173,479; Sept. 19.
Hartman, Frederick V., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Fluid tank. 2,154,044; Apr. 11.
Hartman, George H., Fairview Village, and J. S. Burden, Cleveland, Ohio. Forming machine. 2,149,173; Feb. 28.
Hartman, Glen E., assignor to Oklahoma Paper Company, Oklahoma City, Okla. Collapsible box. 2,151,761; Mar. 28.
Hartman, Irene M., Akron, Ohio. Package for attachment to shower nozzles. 2,179,932; Nov. 14.
Hartman, Leon. (See Mendelsohn, S., and Hartman.)
Hartman, Max. (See Apotheker, C., Hartman, and Merz.)
Hartman, Roy E. (See Edwards, D. H., and Hartman.)
Hartman, Thomas L., assignor of one-third to H. M. Young, one-third to E. J. W. Keagy, and one-third to Reymer & Brothers, Inc., Pittsburgh, Pa. Process and apparatus for conditioning and dispensing beverages. 2,154,677; Apr. 18.
Hartman, William, trustee. (See Leavenworth, Frank G., assignor.)
Hartman, William, trustee. (See Leavenworth, F. G., and Green, assignors.)
Hartman, William W. (See Mautz, Ferdinand L., assignor.)
Hartman, William W., Los Angeles, Calif. Band blade slicing machine. 2,143,242; Jan. 10.
Hartman, William W., Los Angeles, Calif. Blade sharpening machine. 2,151,204; Mar. 21.
Hartman, William W., Los Angeles, Calif. Band blade slicing machine. 2,173,038; Sept. 12.
Hartman, William W., Los Angeles, Calif. Centering device. 2,174,085; Sept. 26.
Hartman, William W., Los Angeles, Calif. Multiple band blade slicing machine. 2,179,659; Nov. 14.
Hartman, William W., Los Angeles, Calif. Band blade slicing machine. 2,181,233; Nov. 28.
Hartmann, August. (See Uytenbogaart, J., and Hartmann.)
Hartmann, August, Berlin-Lichterfelde, and G. Bauriedel, Wuppertal-Barmen, Germany, assignors to American Bemberg Corporation, New York, N. Y. Method and apparatus for producing artificial silk. 2,146,737; Feb. 14.
Hartmann, Fritz, Dortmund, assignor to Kohle- und Eisenforschung G. m. b. H., Dusseldorf, Germany. High frequency smelting furnace. 2,184,741; Dec. 26.
Hartmann, Henry, Chicago, Ill. Radio table. 2,175,603; Oct. 10.
Hartmann, Joseph, Rudolstadt, Germany. Fluorescent screen and manufacturing the same. 2,146,573; Feb. 7.
Hartmann, Joseph, North Kansas City, and J. G. Campbell, Kansas City, assignors of fifty-one per cent to W. L. Suiter, Kansas City, Mo. Paper stuffing machine. 2,159,987; May 30.

Hartmann, Julius, Irvington, N. J. Gear construction. 2,163,277; June 20.
Hartmann, Max, Riehen, near Basel, and A. Wettstein, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Purifying hormones. Re. 21,064; May 2.
Hartmann, Max, Riehen, H. Ensslin, Basel, and L. Panizzon, Riehen, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of cyclohexanols. 2,152,960; Apr. 4.
Hartmann, Max, Riehen, near Basel, and A. Wettstein, Basel, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. 3-keto-cyclopentanopolyhydrophenanthrene. 2,182,920; Dec. 12.
Hartmann, Otto. (See Block, B., and Hartmann.)
Hartmann, Otto H. (See Rieger, W., and Hartmann.)
Hartmann, Otto H., assignor to the firm Schmidt'sche Heissdampf, Gesellschaft, m. b. H., Kassel-Wilhelmshoehe, Germany. Method and apparatus for regulating the operation of steam boiler plants, particularly for deep drilling operations. 2,142,473; Jan. 3.
Hartmann, Otto H., and H. Trede, Kassel-Wilhelmshohe, Germany. Boiler. 2,149,438; Mar. 7.
Hartmann, Otto H., and R. Loewenstein, assignors to the firm Schmidt'sche Heissdampf, Gesellschaft m. b. H., Kassel-Wilhelmshohe, Germany. Method and apparatus for preventing excess pressure increase in steam generators with low water content. 2,167,299; July 25.
Hartmann-Riis, Petter, Ostre Aker, near Olso, Norway. Electrical control apparatus for heating plants. 2,171,099; Aug. 29.
Hartmann, Willy, Stuttgart, assignor to Fichtel & Sachs A. G., Schweinfurt-on-the-Main, Germany. Bicycle drive. 2,172,473; Sept. 12.
Hartog, Louis N., New York, N. Y. Process and apparatus for manufacturing malto-dextrine. 2,155,374; Apr. 18.
Harton, J. Edney. (See Rominger, Herbert H., assignor.)
Harton, William M., Conway, Ark. Safety device for firearms. 2,182,693; Dec. 5.
Hartrick, Charles E., assignor to Chicago Motor Coach Company, Chicago, Ill. Fare register. 2,169,466; Aug. 15.
Hartrick, Mrs. L., et al. (See Claves, Joseph J., assignor.)
Hartshorn, Chester W., Syracuse, Kans. Door closing apparatus. 2,153,833; Apr. 11.
Hartshorn, Stanley D., assignor to Pennsylvania Crusher Company, Philadelphia, Pa. Ring hammer mill. 2,143,068; Jan. 10.
Hartshorn, Stanley D., Wayne, assignor to Pennsylvania Crusher Company, Philadelphia, Pa. Roll crusher. 2,155,970; Apr. 25.
Hartshorn, Stanley D., assignor to Pennsylvania Crusher Company, Philadelphia, Pa. Hammer mill. 2,170,407; Aug. 22.
Hartt, Robert A., Lynn, Mass. Feeding mechanism for tape applying machines. 2,168,159; Aug. 1.
Hartung, Felix C., Chicago, Ill. Fish lure. 2,168,476; Aug. 8.
Hartung, John A. (See Koppitz, B. A., and Hartung.)
Hartung, Walter H. (See Cope, A. C., Hartung, and Crossley.)
Hartwell, Arthur F. (See Hartwell, Benjamin F., L. L., and A. F.)
Hartwell, Arthur F. (See Hartwell, Benjamin F., L. L., Jr., and A. F.)
Hartwell, Benjamin F., L. L., Jr., and A. F., Bellows Falls, Vt. Preparing and premolding heel and quarter portions of boots and shoes. 2,159,762; May 23.
Hartwell, Benjamin F., L. L., Jr., and A. F., Bellows Falls, Vt. Making molded heels and quarter constructions. 2,170,559; Aug. 22.
Hartwell, Leslie L., Jr. (See Hartwell, Benjamin F., L. L., and A. F.)
Hartwell, Leslie L., Jr. (See Hartwell, Benjamin F., L. L., Jr., and A. F.)
Hartwig, Arthur H., Michigan City, Ind., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Car door lock. 2,148,158; Feb. 21.
Hartwig, William G., assignor to Railway Utility Company, Chicago, Ill. Roller sign mechanism. 2,177,715; Oct. 31.
Hartz, Barge L., Bethesda, Md. Refrigerating delivery vehicle. 2,168,018; Aug. 1.
Hartz, Helmut. (See Genest, W., and Hartz.)
Hartz, William, Detroit, Mich. Automatic variable speed transmission. 2,145,927; Feb. 7.
Hartzell, Herman L. (See Fitzsimmons, J. T., Hartzell, and Claytor.)
Hartzell, Herman L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Connecter. 2,143,110; Jan. 10.
Hartzell, Herman L., and D. L. Hittle, Anderson, Ind., assignors to General Motors, Corporation, Detroit, Mich. Ignition coil. 2,178,687; Nov. 7.
Hartzell Industries, Inc. (See Charavay, Frederick, assignor.)
Hartzman, Morris, Dubuque, Iowa. Hair collecting apparatus. 2,161,350; June 6.
Harvel Corporation, The. (See Caplan, Solomon, assignor.)
Harvel Corporation, The. (See Harvey, Mortimer T., assignor.)
Harvel Corporation, The. (See Hughes, William A., assignor.)
Harvel Research Corporation. (See Caplan, Solomon, assignor.)
Harvey, Alfred R., Los Angeles, Calif. Gear shift mechanism. 2,143,654; Jan. 10.
Harvey, Corwin S. (See Smith, C. B., and Harvey.)
Harvey, Frank, Cincinnati, Ohio, assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Bus bar conduit system. 2,161,571; June 6.
Harvey, Harold C., assignor to Harvey Paper Products Co., Sturgis, Mich. Sandwich holder. 2,145,481; Jan. 31.
Harvey, Herbert, assignor to L. M. Harvey, Los Angeles, Calif. Paper roll holder. 2,164,064; June 27.
Harvey, Herbert J. (See Le Vesconte, E. L., and Harvey.)
Harvey, Leo M. (See Harvey, Herbert, assignor.)
Harvey, Leo M., Los Angeles, Calif. Paper holder. 2,164,817; July 4.
Harvey, Marcus C., Stroud, Okla. Hanger. 2,166,492; July 18.
Harvey, Mortimer T., East Orange, N. J., assignor to The Harvel Corporation. Preparation of tertiary alkyl phenols. 2,150,920; Mar. 21.
Harvey, Mortimer T., East Orange, N. J., assignor to The Harvel Corporation. Composition of matter and methods and steps of making and using the same. 2,157,126; May 9.
Harvey, Mortimer T., East Orange, N. J., assignor to The Harvel Corporation. Composition of matter and methods and steps of making and using the same. 2,164,326; July 4.
Harvey, Mortimer T., East Orange, N. J., assignor to The Harvel Corporation. Compositions of matter and methods and steps of making and using the same. 2,165,140; July 4.
Harvey Paper Products Co. (See Harvey, Harold C., assignor.)
Harvey, Robert L. (See La Rue, W. D., and Harvey.)
Harvey, Robert L., Oaklyn, N. J., assignor to Radio Corporation of America. Magnetically tuned high frequency circuits. 2,180,413; Nov. 21.
Harvey, Ted M., London, and T. T. P. Sherwood, Wakefield, England. Displaying objects, specially applicable to shop windows. 2,149,019; Feb. 28.
Harvey, Walter L. (See Killinger, George, assignor.)
Harwick, Henry K., Darby, Pa., and H. I. Tramblie, Aurora, Ill., assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Slack adjuster. 2,155,012; Apr. 18.
Harwood, Geo. S., & Son. (See Howe, Joseph B., assignor.)
Harwood, James, and W. O. Pool, assignors to Armour and Company, Chicago, Ill. Concentrating ores. 2,166,093; July 11.
Harwood, James E., Jr., Memphis, Tenn. Vacuum sealed container. 2,152,643; Apr. 4.
Harwood, Paisley B., assignor to Cutler-Hammer, Inc., Milwaukee, Wisc. Dynamic braking controller. 2,172,245; Sept. 5.
Harwood, Paul D. (See Schaffer, J. M., Harwood, and Wehr.)
Harwood, Reymour E., Kenmore, and G. E. Munschauer, assignors to Niagara Machine & Tool Works, Buffalo, N. Y. Clutch and brake. 2,159,326; May 23.
Harz, Walter. (See Becker, W., Bayer, and Harz.)
Harz, Walter. (See Ulrich, H., and Harz.)
Hasbrook, John V. A., Hinsdale, assignor to Chicago Carton Company, Chicago, Ill. Food product package. 2,179,504; Nov. 14.
Hascham, Abraham T., Dedham, Mass. Barber's chair. 2,158,183; May 16.
Hasche, Herbert H., Los Angeles, Calif. Leaf spring lubricator. 2,162,718; June 20.
Hasche, Rudolph L. (See Gallagher, M., and Hasche.)
Hasche, Rudolph L., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Gas and liquid contact apparatus. 2,159,988; May 30.
Hasche, Rudolph L., Kingsport, Tenn., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Dehydrogenating alcohols. 2,173,111; Sept. 19.
Hasche, Rudolph L., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Process and apparatus for absorbing olefins. 2,176,496; Oct. 17.
Hasche, Rudolph L., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Production of amines. 2,182,807; Dec. 12.
Hasche, Rudolph L., and L. G. Davy, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Separation and refining of amines. 2,180,006; Nov. 14.
Haseltine, Stacy B. (See Johnson, G. A., and Haseltine.)
Haseltine, Stacy B., Glen Ellyn, assignor to W. H. Miner, Inc., Chicago, Ill. Buffer for railway cars. 2,146,015; Feb. 7.
Haseltine, Stacy B., Glen Ellyn, assignor to W. H. Miner, Inc., Chicago, Ill. Floor rack. 2,161,923; June 13.
Haselton, Merton L., Rye, and H. F. May, Valley Stream, assignors to The Teleregister Corporation, New York, N. Y. Annunciator. 2,146,576; Feb. 7.
Haselton, Merton L., Rye, N. Y., and R. M. Hicks, Plainfield, N. J., assignors to The Teleregister Corporation, New York, N. Y. Numerical comparator. 2,155,825; Apr. 25.
Haselwood, Willis E., Elkhart, Ind. Apparatus for and method of measuring speed. 2,146,820; Feb. 14.

Haselwood, Willis E., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Hollow shafted control unit. 2,154,615; Apr. 18.
Haske, Donald E., Mount Harris, Colo. Loading machine. 2,147,093; Feb. 14.
Haskel, Josef I., assignor to M. H. Haskel and A. Gullander, Stockholm, Sweden. Window frame. 2,177,037; Oct. 24.
Haskel, Maud H., et al. (See Haskel, Josef I., assignor.)
Haskelite Manufacturing Corporation. (See Potchen, Joseph A., assignor.)
Haskin, Byron C., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Support. 2,147,030; Feb. 14.
Haskin, Byron C., Beverly Hills, Calif.; assignor to Warner Bros. Pictures, Inc., New York, N. Y. Miniature ship. 2,164,651; July 4.
Haskin, Byron C., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Composite photography. 2,169,045; Aug. 8.
Haskin, Paul E., et al. (See Long, John E., assignor.)
Haskin, Walter E., assignor to Pressed & Welded Steel Products Company, Inc., New York, N. Y. Loose leaf shift binder. 2,142,786; Jan. 3.
Haskin, Walter E., Flushing, assignor to Pressed & Welded Steel Products Company, Inc., New York, N. Y. Book rack. 2,157,894; May 9.
Haskin, Walter E., Flushing, assignor to Pressed & Welded Steel Products Company, Inc., New York, N. Y. Book rack. 2,160,141; May 30.
Haskins, Butler J., Chicago, and H. W. Mitchell, Waukegan, Ill., assignors to The Potter Company. Producing a sweep wave optical picture with a cathode ray tube. 2,167,177; July 25.
Haskins, Joseph F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Mixed ether esters of cellulose. 2,146,738; Feb. 14.
Haskins, Joseph F., administrator. (See Ellsworth, D. C., and Hahn.)
Haskins, Robert H., Jr. (See Haskins, Robert H. and R. H., Jr.)
Haskins, Robert H. and R. H., Jr., Providence, R. I. Food product and making same. 2,168,934; Aug. 8.
Haslam, Robert T., Westfield, N. J., assignor to Standard Oil Development Company. Cable insulating compositions. 2,145,350; Jan. 31.
Haslup, Clarence L., assignor to The Troy Sunshade Company, Troy, Ohio. Seat construction. 2,177,408; Oct. 24.
Hasman, James, Independence, assignor to The Federal Foundry Supply Company, Cleveland, Ohio. Vibrator screen support. 2,183,991; Dec. 19.
Hass, Carl, Karlshorst, near Berlin, R. Witt, Berlin-Friedenau, and W. Quade, Furstenwalde, Spree, assignors to Julius Pintsch Kommanditgesellschaft, Berlin, Germany. Door mounting and latching means. 2,160,330; May 30.
Hass, Henry B., and E. T. McBee, assignors to Purdue Research Foundation, West Lafayette, Ind. Chlorinating propane and isobutane and their partially chlorinated derivatives. 2,147,577; Feb. 14.
Hass, Henry B., West Lafayette, and B. M. Vanderbilt, Terre Haute, assignors to Purdue Research Foundation, Lafayette, Ind. Secondary aminoalcohols. 2,164,271; June 27.
Hass, Henry B., West Lafayette, and B. M. Vanderbilt, Terre Haute, assignors to Purdue Research Foundation, La Fayette, Ind. Aminoglycols. 2,174,242; Sept. 26.
Hass, Henry B., and L. W. Seigle, assignors to Purdue Research Foundation, La Fayette, Ind. Production of dinitro derivatives of saturated non-benzenoid hydrocarbons. 2,181,531; Nov. 28.
Hassan, Joseph A., assignor of one-half to W. F. McIntyre, Quincy, Mass. Radio-controlled signaling means. 2,168,602; Aug. 8.
Hassan, Sidney N., New York, N. Y. Storage tank for combustible and inflammable materials. 2,160,360; May 30.
Hassard, William, Vancouver, British Columbia, Canada, assignor to D. B. Boyd, Los Angeles, Calif. Treating marine oils. 2,160,861; June 6.
Hasse, Joseph W., Muskegon, Wis., assignor to Anaconda Wire & Cable Company, New York, N. Y. Lead locating means and applying same. 2,159,269; May 23.
Hasselhorn, Walter C., and J. J. Thompson, assignors to Kellogg Company, Battle Creek, Mich. Decaffeination of coffee. 2,157,956; May 9.
Hassell, George W. (See Beggs, Ray P., assignor.)
Hasselquist, Hugo S., Oak Park, assignor to Rite-Rite Mfg. Co., Chicago, Ill. Mechanical pencil. 2,182,846; Dec. 12.
Hasselstrom, Torsten, assignor to G. & A. Laboratories, Savannah, Ga. Grease-setting agent. 2,154,616; Apr. 18.
Hassenkamm, Karl M., Copenhagen, Denmark. Expansion pipe. 2,172,612; Sept. 12.
Hassig, Edward, assignor to Wetmore Reamer Company, Milwaukee, Wis. Making a pilot light burner. 2,151,271; Mar. 21.
Hassildine, Edward C., Queens Village, N. Y. Automatic self-closing window ventilator. 2,182,558; Dec. 5.
Hassler, John E., Portland, Oreg. Reinforced pulp stone and grinding wheel. 2,147,438; Feb. 14.
Hassler, John E., Portland, Oreg., assignor to Simonds Worden White Co. Grinding stone. 2,178,855; Nov. 7.
Hässler, Max, Buenos Aires, Argentina. Calendar. 2,170,023; Aug. 22.
Hassold, Victor C., Chestnut Hill, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Method of and apparatus for warp leasing. 2,147,253; Feb. 14.
Hassold, Victor C., Chestnut Hill, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Comb and reed for textile machines. 2,152,430; Mar. 28.
Hastedt, Herbert J. (See Kyes, J. F., and Hastedt.)
Hastert, Edouard, Esch-Alzette, Luxemburg. Apparatus for homogenizing powdered mixtures. 2,171,398; Aug. 29.
Hastert, Edouard, Esch-Alzette, Luxemburg, assignor to L. Peters, Duesseldorf, Germany. Method and apparatus for homogenizing powdered mixtures. 2,171,399; Aug. 29.
Hastings, Arthur C., Jr., South Yarmouth, Mass. Spark plug. 2,168,206; Aug. 1.
Hastings, Donald F., Fairlawn, assignor to Hardwick, Hindle, Inc., Newark, N. J. Combination plug-in resistor and switch. 2,142,355; Jan. 3.
Hastings, Donald F., Fairlawn, assignor to Hardwick, Hindle, Inc., Newark, N. J. Resistor unit. 2,142,356; Jan. 3.
Hastings, Hammond C., and F. F. Usher, Rugby, England, assignors to General Electric Company. Electric motor control system. 2,167,481; July 25.
Hastings, Herbert, Brighton, and G. E. Ford, assignors to Rochester Manufacturing Co., Inc., Rochester, N. Y. Gauge damping construction. 2,147,031; Feb. 14.
Hastings Manufacturing Company. (See Phillips, Harold P., assignor.)
Hastings and McIntosh Truss Co., The. (See Barnhard, Emil George, assignor.)
Hastings, Roger W., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,165,480; July 11.
Hat Corporation of America. (See Cavanagh, John G., assignor.)
Hat Corporation of America. (See O'Brien, Joseph L., assignor.)
Hat Corporation of America. (See Smith, John C., assignor.)
Hat Corporation of America. (See Stack, Frank T., assignor.)
Hatch, Alexander G., Rochester, N. Y., assignor to Fibre Can Development Corporation, Rutland, Vt. Paper can body. 2,155,487; Apr. 25.
Hatch, Alexander G., assignor to Fibre Can Machinery Corporation, Rutland, Vt. Fiber can body. 2,159,948; May 23.
Hatch, Anne G., Bronxville, N. Y. Bridge scoring device. 2,172,508; Sept. 12.
Hatch, Charles T., assignor to Union Steel Products Company, Albion, Mich. Baker's oven. 2,149,439; Mar. 7.
Hatch, Charles T., and I. R. Swanson, assignors to Union Steel Products Company, Albion, Mich. Insulating wall panel. 2,170.637; Aug. 22.
Hatch, Frank A., South Hanson, assignor to D. A. Gurney Company, Whitman, Mass. Electroplating. 2,164,710; July 4.
Hatch, George B., Pittsburgh, Pa., assignor to Western Cartridge Company, East Alton, Ill. Explosive. 2,156,942; May 2.
Hatch, Meredith R. (See Rode, F. J., and Hatch.)
Hatch, Paul F., Ypsilanti, assignor to Harley C. Loney Company, Detroit, Mich. Wheel balancing unit. 2,173,321; Sept. 19.
Hatch, Paul F., Ypsilanti, assignor to Harley C. Loney Company, Detroit, Mich. Wheel balancing apparatus. 2,178,101; Oct. 31.
Hatch, Ronald K., Highland Park, Mich., assignor to Gar Wood Industries, Inc. Power swing crane. 2,167,026; July 25.
Hatfield, Arthur E., Toronto, Ontario, Canada. Dry cleaning. 2,150,031; Mer. 7.
Hatfield, Charles N., Fountain City, Ind. Grain and seed cleaner, separator, and grader. 2,174,322; Sept. 26.
Hatfield, Ira. (See Fox, K. R., Hyry, and Hatfield.)
Hatfield, Ira, Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Wood-preserving composition. 2,182,080; Dec. 5.
Hatfield, Ira, Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Wood-treating composition. 2,182,081; Dec. 5.
Hatfield, Robert L. (See Nash, D. J., and Hatfield.)
Hatfield, William F., Lovilia, Iowa. Wire stretcher. 2,182,148; Dec. 5.
Hatfield Wire & Cable Co. (See Charmoy, Harry, assignor.)
Hatfield Wire & Cable Co. (See Wertzheiser, Joseph, assignor.)
Hathaway, Claude M. (See Hall, C. I., and Hathaway.)
Hathaway, Claude M., Niskayuna, N. Y., assignor to General Electric Company. Foil gauge. 2,155,267; Apr. 18.
Hathaway, Edgar F., Wellesley, and W. Bixby, assignors to Shawmut Engineering Company, Dorchester, Mass. Tuft yarn presentation frame. 2,161,761; June 6.

Hathaway, Edgar F., Wellesley, and W. Bixby, assignors to Shawmut Engineering Company, Dorchester, Mass. Yarn carrier and spool brake mechanism therefor. 2,161,762; June 6.
Hathaway, Frank P., Los Angeles, Calif., assignor to Best Containers, Inc. Floating top container. 2,147,771; Feb. 21.
Hathaway, Jarrett L., Manhasset, N. Y., assignor to Radio Corporation of America. Program phase reverser. 2,158,820; May 16.
Hathaway, Jarrett L., Manhasset, N. Y., assignor to Radio Corporation of America. Program phase reverser. 2,158,821; May 16.
Hathaway, Jarrett L., Manhasset, N. Y., assignor to Radio Corporation of America. Antenna. 2,161,707; June 6.
Hathaway, Jarrett L., Manhasset, N. Y., assignor to Radio Corporation of America. Short wave transmitter. 2,180,107; Nov. 14.
Hathaway, John R. (See Riche, A. L., and Hathaway.)
Hathaway, John R., assignor, by mesne assignments, to Micro Switch Corporation, Freeport, Ill. Electric protective device. 2,172,677; Sept. 12.
Hathaway, Louis M. (See Hill, J. I., Hathaway, and Newberry.)
Hathaway, Ralph A., Girard, Pa., assignor to Louis Marx & Company, Ind., New York, N. Y. Block signal for toy railroads. 2,157,171; May 9.
Hathcock, Craven D., Oklahoma City, Okla. Hydraulic pump. 2,154,331; Apr. 11.
Hatherell, George A., Roscoe, assignor to F. A. Garbutt, Los Angeles, Calif. Treating ingredients of a chewing gum base and the like. 2,151,101; Mar. 21.
Hatheway, William E. (See Olmstead, Wilbur E., assignor.)
Hatheway, William E., Bridgeport, Conn. Hose supporter. 2,155,711; Apr. 25.
Hathorn, Clarence J., assignor to The Stackpole Carbon Company, St. Marys, Pa. Midget variable resistance device. 2,160,142; May 30.
Hatossy, Charles, Passaic, N. J. Automobile window construction. 2,175,391; Oct. 10.
Hatteberg, Ole J., Elliott, Ill. Hanger for flexible loading spouts. 2,156,587; May 2.
Hatters' Fur Exchange, Inc. (See Frenkel, Leo, assignor.)
Hatter's Fur Exchange, Inc. (See Mulqueen, Michael P., assignor.)
Hatton, William, L. B. Haigh, and L. Kozma, Antwerp, Belgium, assignors to Western Electric Company, Incorporated, New York, N. Y. Automatic call ticketing system. 2,180,824; Nov. 21.
Hattox, Erwin M. (See Stahly, E. E., and Hattox.)
Haubach, Ferdinand. (See Klein, H., Haubach, and Hofeditz.)
Haubert, Leo, Tulsa, Okla. Load binder. 2,157,451; May 9.
Haubursin, Richard. (See Beekman, E. W., Haubersin, and Ward.)
Hauck Manufacturing Company. (See Elze, Walter C., assignor.)
Hauck, Vernon D. (See Henderson, R. A., and Hauck.)
Haucke, Oswin, Brooklyn, N. Y. Wheel centering and camber gauge. Re. 21,052; Apr. 18.
Haucke, Oswin, Brooklyn, N. Y. Wheel and chassis alignment indicator. 2,167,361; July 25.
Hauf, George F., River Forest, Ill. Joint. 2,179,089; Nov. 7.
Hauf, George F., River Forest, assignor to Chicago Metal Mfg. Co., Chicago, Ill. Support. 2,182,474; Dec. 5.
Hauff, Thorvald W. (See Gideon, W. B., and Hauff.)
Hauffe, Otto, assignor to Deutsche Celluloid-Fabrik, Eilenburg, Germany. Manufacture of shaped articles of highly polymeric compounds. 2,154,203; Apr. 11.
Hauge, Andrew, Claremont, N. H., assignor to Claremont Waste Manufacturing Company. Flock cutting machine. 2,145,175; Jan. 24.
Hauge, Andrew, Claremont, N. H., assignor to Claremont Waste Manufacturing Company. Flock cutting machine. 2,145,176; Jan. 24.
Hauge, Andrew, Claremont, N. H., assignor to Claremont Waste Manufacturing Company. Flock cutting machine. 2,145,177; Jan. 24.
Haugh, Raymond R., assignor, by mesne assignment, to Kraft-Phenix Cheese Corporation, Chicago, Ill. Egg-candling machine. 2,175,262; Oct. 10.
Haught, Thomas E., Boldman, Ky. Gate lock. 2,183,291; Dec. 12.
Hauke, Charles R., assignor to National Metallurgical Laboratory, Royal Oak, Mich. Recovering precious metals. 2,153,467; Apr. 4.
Haukedahl, Arthur O., Mason City, Iowa. Aerial. 2,151,102; Mar. 21.
Haultain, Herbert E. T., Toronto, Ontario, Canada. Apparatus for classifying finely granulated solids according to size. 2,168,207; Aug. 1.
Haumann, Ernst. (See Haber, C., and Haumann.)
Haumann, George, Chicago, Ill. Display device. 2,145,599; Jan. 31.
Haumerson, Frederick C., Racine, Wis. Educational game device. 2,178,906; Nov. 7.
Haupt, Albertus H., Somerset West, Cape Providence, Union of South Africa, assignor to Imperial Chemical Industries Limited. Method and apparatus for forming plastic materials into cylinders of predetermined length and diameter. 2,154,446; Apr. 18.
Haupt, Hans, Berlin, Germany. Folding umbrella. 2,156,984; May 2.
Haupt, Hans, Berlin-Zehlendorf, Germany. Folding umbrella. 2,157,335; May 9.
Haupt, Hans, Berlin-Steglitz, Germany. Folding umbrella. 2,165,967; July 11.
Haupt, Walter H. (See Lee, W. M., and Haupt.)
Haupt, Walter H., Ludlow, assignor to The Kelley-Koett Manufacturing Company, Inc., Covington, Ky. Spring counterbalance. 2,168,209; Aug. 1.
Haupt, Walter H., Ludlow, assignor to The Kelley-Koett Manufacturing Company, Incorporated, Covington, Ky. Therapy head for X-ray apparatus. 2,181,620; Nov. 28.
Haupt, Wilhelm, Dortmund-Hoerde, Germany. Riveted joint. 2,181,550; Nov. 28.
Haupt, William E. (See Morton, W. D., and Haupt.)
Haupt, William E., Westville, assignor to Automatic Drive and Transmission Company, Gloucester City, N. J. Driving and control apparatus. 2,169,949; Aug. 15.
Haupt, William E., Westville, N. J., assignor to Automatic Drive & Transmission Company, New York, N. Y. Automatic drive and clutch mechanism. 2,171,829; Sept. 5.
Haurand, Carl H., North Plainfield, R. H. Neal, Bayonne, N. J., and H. W. Vahlteich, assignors to The Best Foods, Inc., New York, N. Y. Vegetable oil product. 2,167,113; July 25.
Haury, George W., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Tool for working tubing. 2,147,032; Feb. 14.
Haury, George W., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Resilient coupling for tubing. 2,174,105; Sept. 26.
Haus Neuerburg, Köln Zweig der H. F. and Ph. F. Reemstsma. (See Schünemann, Heinrich, assignor.)
Hausamann, George J. (See Lansing, R. P., and Hausamann.)
Hauschild, Frederick J., Oneonta, N. Y. Hammer adjusting means for pneumatic sheet metal flatteners. 2,148,619; Feb. 28.
Hauschild, Frederick J., Oneonta, N. Y. Pneumatic metal straightener. 2,148,943; Feb. 28.
Hause, Gilbert K. (See Pierce, E. R., and Hause.)
Hause, Gilbert K. (See Rasmussen, O., and Hause.)
Hauseman, Irvin K., Pottstown, Pa. Automatic stop mechanism for looms. 2,182,149; Dec. 5.
Hauser, Adalbert, New York, N. Y. Quick attachable plug and socket connector. 2,154,812; Apr. 18.
Hauser, Ernst A., Cambridge, Mass., assignor to the firm "Semperit" Oesterreichisch-Amerikanische Gummiwerke Aktiengesellschaft, Vienna, Austria. Making rubber articles. 2,171,552; Sept. 5.
Hauser, Ernst A., Cambridge, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Manufacture of porous rubber. 2,175,798; Oct. 10.
Hauser, George D., assignor to Utica Products Incorporated, Utica, N. Y. Casing for furnaces and the like. 2,150,682; Mar. 14.
Haushalter, Fred L., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Cushioned connection. 2,142,872; Jan. 3.
Haushalter, Fred L., Akron, Ohio., assignor to The B. F. Goodrich Company, New York, N. Y. Resilient mounting. 2,165,702; July 11.
Hausner, Carl R. (See Wade, Newman C., assignor.)
Haussmann, Hans. (See Guenther, F., Haussmann, and Alt.
Haussmann, Hans, Mannheim, W. Scheufler and J. Kaupp, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft. Frankfort-on-the-Main, Germany. Polyoxyalkylene ether acid compounds containing a higher aliphatic group. 2,183,853; Dec. 19.
Haussmann, Otto G., Philadelphia, Pa. Ophthalmic lens and making the same. 2,182,537; Dec. 5.
Haustein, Karl E., Berlin, Germany. Manufacture of artifical building bodies. 2,175,568; Oct. 10.
Hauton, Paul S., Atlanta, Ga. Mechanical pencil. 2,146,841; Feb. 14.
Hauton, Paul S., Atlanta, Ga. Mechanical pencil. 2,172,349; Sept. 12.
Hauton, Paul S., Atlanta, Ga. Mechanical pencil. 2,174,979; Oct. 3.
Hauvette, Jacques M. T., assignor to Michelin et Cie, Clermont-Ferrand, France. Pneumatic tire casing and making same. 2,143,694; Jan. 10.
Haux, Elmer H., Tarentum, and E. L. Fix, New Kensington, Pa., assignors to Pittsburgh Plate Glass Company. Process and apparatus for making safety glass. 2,159,630; May 23.
Havard, Paul. (See De Mey, R., and Havard.)
Havard Specialty Mfg. Corp. (See Hillson, Jacob, assignor.)
Havas, Emeric, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of imino-amino-methane-sulphinic acid. 2,150,921; Mar. 21.
Havas, Emeric, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing leuco quinizarine. 2,167,070; July 25.
Haveles, Evangel A., Los Angeles, Calif. Check pad holder. 2,179,694; Nov. 14.
Haveles, Evangel A., Los Angeles, Calif. Check-pad holder. 2,183,810; Dec. 19.
Havelet Corporation. (See Hoopes, Penrose R., assignor.)

Havemann, Hinrich, and K. Smeykal, Leuna, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Purification of tricresyl phosphate used for the extraction of phenols. 2,184,697; Dec. 26.
Haven, Kent C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Drainboard. 2,173,610; Sept. 19.
Havill, Clinton H., South Orange, assignor to Eclipse Aviation Corporation, East Orange, N. J. Expansible element. 2,177,564; Oct. 24.
Havis, Edward H., assignor of one-third to S. E. Finley and one-third to R. D. Kneale, Atlanta, Ga. Method of and apparatus for roasting and brewing coffee. 2,168,797; Aug. 8.
Hawaiian Pineapple Company. (See Hjelte, Marshall C., assignor.)
Hawes, Ben M., Santa Cruz, Calif. Mixing samples. 2,155,596; Apr. 25.
Hawes, Charlie L., Ashtabula, Ohio. Mechanical movement. 2,181,234; Nov. 28.
Hawes, John H., London, England. Pipe or tube bending machine. 2,168,123; Aug. 1.
Hawgood, Harvey R., Cleveland, Ohio. Winding and winding apparatus. 2,157,984; May 9.
Hawgood, Harvey R., assignor to The Lees-Bradner Company, Cleveland, Ohio. Finishing tool. 2,171,325; Aug. 29.
Hawk, Charles E., Muncie, Ind., assignor to Owens-Illinois Glass Company. Glass block trimmer. 2,181,810; Nov. 28.
Hawk, Henry W. N., Woodlynne, N. J., assignor to Radio Corporation of America. Quartz piezoelectric element. 2,159,796; May 23.
Hawker, Roland G., Kingfield, Maine. Valve seat. 2,144,244; Jan. 17.
Hawkins, Elvin V., and S. Indermuhle, Ellensburg, Wash. Plant and insect eradicator. 2,168,099; Aug. 1.
Hawkins, Elza, assignor to Good Humor Ice Cream Company of Los Angeles, Los Angeles, Calif. Vehicle lighting unit. 2,171,089; Aug. 29.
Hawkins, Fred, Gilmer, Tex. Power jack. 2,152,048; Mar. 28.
Hawkins, Irving J., assignor, by mesne assignments, of one-half to C. Hochbaum, St. Paul, Minn. Bull's-eye target. 2,148,749; Feb. 28.
Hawkins, Irving J., assignor of one-half to C. Hochbaum, St. Paul, Minn. Bull's-eye target. 2,152,803; Apr. 4.
Hawkins, James M., Browns Summit, assignor of one-half to L. B. King, Greensboro, N. C. Pea and bean sheller. 2,183,769; Dec. 19.
Hawkins, Luty, Mount Vernon, Ill. Combined cage and feeder structure for poultry. 2,169,144; Aug. 8.
Hawkins, Luty, assignor to Hawkins Million Dollar Hen, Inc., Mount Vernon, Ill. Hen laying cage. 2,176,814; Oct. 17.
Hawkins Million Dollar Hen, Inc. (See Hawkins, Luty, assignor.)
Hawkins, Orville J. (See Larry T. A., Cline, and Hawkins.)
Hawkins, Paul, Company. (See Stone, F. B., Arquette, and Rossetter C. F. and R. J., assignors.)
Hawkins, Paul E., Lakewood, assignor to The Baker-Raulang Company, Cleveland, Ohio. Utility truck. 2,159,022; May 23.
Hawkins, Paul E., Lakewood, assignor to The Baker-Raulang Company, Cleveland, Ohio. Utility truck. 2,164,327; July 4.
Hawkins, Paul E., Lakewood, assignor to The Baker-Raulang Company, Cleveland, Ohio. Utility truck. 2,173,112; Sept. 19.
Hawkins, Roe C., Long Beach, Calif. Thread holder for spools. 2,145,178; Jan. 24.
Hawkins, Roe C., Long Beach, Calif. Barrel truck. 2,150,503; Mar. 14.
Hawkins, Sara B., Birmingham, Ala. Convertible traveling case and baby bed. 2,160,069; May 30.
Hawkins, Wilford J., Claiborne, Md., assignor to National Biscuit Company, New York, N. Y. Oven. 2,146,427; Feb. 7.
Hawkins, Wilford J., Claiborne, Md., assignor to National Biscuit Company, New York, N. Y. Oven. 2,146,429; Feb. 7.
Hawkins, Wilford J., Claiborne, Md., and F. J. Brownell, Queens Village, assignors to National Biscuit Company, New York, N. Y. Oven. 2,146,428; Feb. 7.
Hawkins, William H., Brooklyn, N. Y., and M. Selditz, assignors to Freydberg Bros., Inc., Stamford, Conn. Shoulder pad and making same. 2,170,199; Aug. 22.
Hawksely, Ralph G., Cranston, R. I. Utility table for motor vehicles. 2,168,210; Aug. 1.
Hawksworth, David W. (See Thompson, W. D., and Hawksworth.)
Hawksworth, David W., Birmingham, Mich., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Car roof. 2,174,631; Oct. 3.
Hawksworth, David W., Birmingham, Mich., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Running board for railway cars. 2,176,670; Oct. 17.
Hawley, Charles G., Chicago, Ill. System of purification and waste recovery. 2,146,542; Feb. 7.
Hawley, Charles G., Chicago, Ill., assignor, by mesne assignments, to Downflow Syphon Company, Cleveland, Ohio. Arch supporting siphon. 2,148,121; Feb. 21.
Hawley, Charles G., Chicago, assignor, by mesne assignments, to Downflow Syphon Company, Cleveland, Ohio. Crown sheet protection. 2,179,741; Nov. 14.
Hawley, Don M. (See Bauer, Hans F. and J. V., and Hawley.)
Hawley, Jesse G., Painted Post, assignor to Hawley-Jones Corporation, Riverside, N. Y. Brake. 2,174,243; Sept. 26.
Hawley-Jones Corporation. (See Hawley, Jesse G., assignor.)
Hawley, Paul F., assignor to Stanolind Oil and Gas Company, Tulsa, Okla. Two-well method of electrical logging and apparatus therefor. 2,183,565; Dec. 19.
Hawley, Thomas G., Jr., Naugatuck, Conn., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Making elastic fabric. 2,162,551; June 13.
Hawley, William G. (See Fleming, R. S., Parker, and Hawley.)
Hawn, Ralph A., Columbus, Ohio. Ceramic drill. 2,151,205; Mar. 21.
Haworth, James G., and C. D. Burrell, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sheet glass handling apparatus. 2,172,199; Sept. 5.
Haworth, Mack E. (See Bird, B. M., and Haworth.)
Hawthorn, David G., Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y. Drill stem section. 2,151,206; Mar. 21.
Hawthorne, Charles W., assignor to Morgan Construction Company, Worcester, Mass. Switching of metal stock and the like. 2,181,401; Nov. 28.
Hawthorne, Kenneth C., and A. B. Campbell, Thomaston, Conn. Dead-beat inclinometer, acceleration, and deceleration meter. 2,154,678; Apr. 18.
Hawtin, Philip R. (See Rooney, J. H., and Hawtin.)
Hay, Donald L., Washington, D. C. Apparatus and method for detecting defects in electrically conductive objects. 2,150,922; Mar. 21.
Hay, Donald L., deceased, by M. K. Hay, executrix, Washington, D. C. Combination spring bellows control device. 2,162,719; June 20.
Hay, Harold R., assignor to Monsanto Chemical Company, St. Louis, Mo. Insect repellent. 2,164,328; July 4.
Hay, Howard M., Wenonah, N. J., assignor to I. Harter, New York, N. Y. Coiling cord and coiler. 2,171,553; Sept. 5.
Hay, Matilda K., executrix. (See Hay, Donald L.)
Hay, Rene M., assignor to Durex Products, Inc., New York, N. Y. Pessary inserter. 2,146,574; Feb. 7.
Haycock, John. (See Fink, H. A., and Haycock.)
Hayden, Alfred J., Port Orange, Fla. Animal trap. 2,181,551; Nov. 28.
Hayden, E. J., & Company. (See Hayden, E. J., and Smith.)
Hayden, Edward J., Rockaway Park, and G. A. Smith; said Smith assignor to E. J. Hayden, doing business as E. J. Hayden & Company, New York, N. Y. Advertising display device. 2,177,136; Oct. 24.
Hayden, Harold P., Woodbridge, N. J., assignor, by mesne assignments, to Barber Asphalt Corporation, Philadelphia, Pa. Curing concrete. 2,143,515; Jan. 10.
Hayden, Harold P., Sewaren, and H. E. Schweyer, Rahway, N. J., assignors to Barber Asphalt Corporation, Philadelphia, Pa. Viscosimeter. 2,182,082; Dec. 5.
Hayden, Silas B., Seattle, Wash. Nonglare reflector. 2,171,336; Aug. 29.
Hayden, William P. (See Ford, Larkin J., assignor.)
Haydon, Clarence B. (See Ellis, W. D., III, and Haydon.)
Hayes, Arthur D., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Bicycle saddle. 2,162,399; June 13.
Hayes, Charles T., assignor to James River Paper Products, Inc., Richmond, Va. Bag sealing machine. 2,163,278; June 20.
Hayes, Charles T., assignor to James River Paper Products, Inc., Richmond, Va. Intaglio roll. 2,170,560; Aug. 22.
Hayes, Curtis O., assignor to O. B. Marston, Phoenix, Ariz. Reversible pivot arm for masking leg drops. 2,148,553; Feb. 28.
Hayes Econocrete Corporation of America. (See Hayes, Hal, assignor.)
Hayes Electric Manufacturing Company. (See Green, Mason V., assignor.)
Hayes, George, Norwalk, Conn., assignor to G. F. Farr, Luton, England. Hat-finishing machine. 2,170,756; Aug. 22.
Hayes, Hal, Los Angeles, Calif., assignor to Hayes Econocrete Corporation of America, Reno, Nev. Portable crane. 2,143,111; Jan. 10.
Hayes, Harold J., East Orange, N. J., assignor to The Hankins Container Company, Cleveland, Ohio. Container. 2,167,947; Aug. 1.
Hayes Industries, Inc. (See Hollerith, Charles, assignor.)
Hayes Industries, Inc. (See Kingsley, George A., assignor.)
Hayes, James H., New York, N. Y. Artificial bait. 2,167,334; July 25.
Hayes, James H., New York, N. Y. Artificial lure. 2,167,335; July 25.
Hayes, John C. (See Eaton, W., and Hayes.)
Hayes, John P., Los Angeles, Calif. Punching bag. 2,184,453; Dec. 26.

Hayes, Lynn O., St. Louis, Mo. Manufacture of envelopes. 2,155,656; Apr. 25.
Hayes, Stanley W., assignor to Haynes Track Appliance Company, Richmond, Ind. Scotch block. 2,164,404; July 4.
Hayes, Timothy A. J., deceased, Boston, by J. H. Greene, administratrix, Newton, Mass., assignor to E. C. Mayo, Providence, R. I. Signal system. 2,151,272; Mar. 21.
Hayes Track Appliance Company. (See Hayes, Stanley W., assignor.)
Hayes, William G., Granite, Okla. Dam remover. 2,171,830; Sept. 5.
Hayfield, Alfred A., Longview, Wash. Mounting marine propellers. 2,176,796; Oct. 17.
Hayford, Benjamin I. (See Fletcher, A. L., and Hayford.)
Hayne, Robert, Indian Hill, Ohio. Dual window structure. 2,151,103; Mar. 21.
Hayner, Richard C., Bloomington, Ill. Scaffolding. 2,164,519; July 4.
Haynes, Albert, Bay City, Tex. Collapsible derrick. 2,176,965; Oct. 24.
Haynes, Charles M., Chillicothe, Ohio. Repair device for spectacle and eyeglass lenses. 2,174,511; Oct. 3.
Haynes, Chester W., Springfield, assignor to The Fisk Rubber Corporation, Chicopee Falls, Mass. Machine for coating golf balls or the like. 2,159,850; May 23.
Haynes, David R., Burlington, Iowa. Air cooling and circulating device for vehicles. 2,169,693; Aug. 15.
Haynes, George P., Rockville Centre, N. Y. Valve for control of mediums under pressure. 2,160,657; May 30.
Haynes, George P., Rockville Centre, N. Y., and S. Letvin, Weehawken, N. J., assignors to Todd Combustion Equipment, Inc., New York, N. Y. Wide range atomizer. 2,177,780; Oct. 31.
Haynes, George P., Rockville Centre, N. Y., and S. Letvin, Weehawken, N. J., assignors to Todd Combustion Equipment, Inc., New York, N. Y. Liquid fuel burner. 2,177,781; Oct. 31.
Haynes, James F., Murfreesboro, Tenn. Seed harvester. 2,169,527; Aug. 15.
Haynes, John W., Susanville, Calif. Clarinet. 2,164,110; June 27.
Haynes, Lonnie E., Birmingham, Ala. Cotton tamper. 2,171,090; Aug. 29.
Haynes Stellite Company. (See Lerch, R. L., and Wissler, assignors.)
Haynes, Thomas O. (See Fyke, Homer R., assignor.)
Haynes, William H., Little Rock, Ark. Grooving and surfacing machine. 2,160,732; May 30.
Hays, David, Fairfield, Conn., assignor to General Electric Company. Circuit breaker. 2,148,295; Feb. 21.
Hays, David, Fairfield, Conn., assignor to General Electric Company. Washing machine. 2,152,477; Mar. 28.
Hays, David, Fairfield, and G. W. Dunham, Westport, Conn., assignors to General Electric Company. Vacuum cleaner. 2,172,973; Sept. 12.
Hays, James L., Seminole, Okla. Truck for moving buildings. 2,152,804; Apr. 4.
Hays, Reynold N., Birmingham, Ala. Pour spout bucket friction lid. 2,177,178; Oct. 24.
Hays, Rex B., Hove, assignor to Tee Up Limited, London, England. Apparatus for playing a game. 2,157,172; May 9.
Hays, William W., assignor of twenty per cent to A. W. Lilly, Greenville, Tex. Sign. 2,147,033; Feb. 14.
Hays, William W., assignor of twenty percent to A. W. Lilly, Greenville, Tex. Illuminated display device. 2,152,844; Apr. 4.
Hays, William W., assignor of twenty percent to A. W. Lilly, Greenville, Tex. Sign. 2,152,845; Apr. 4.
Hayton, Charles J., Los Angeles, Calif. Buffing equipment. 2,160,143; May 30.
Hayton, Thomas R., Chicago, Ill. Combined dilating and massaging device. 2,153,753; Apr. 11.
Hayward, Carle R., Quincy, Mass. Treating materials containing sulphur. 2,146,294; Feb. 7.
Hayward, Edmund P., Buenos Aires, Argentina. Defroster for windshields. 2,166,146; July 18.
Hayward, John T., Tulsa, Okla. Apparatus for measuring well depths and well strings. 2,166,212; July 18.
Hayward, Landes H., Long Beach, assignor, by mesne assignments, to McGaffey-Taylor Corporation, Bakersfield and Long Beach, Calif. Well cleaning device. 2,159,023; May 23.
Hayward, R. B., Company. (See Wandrey, Erwin, assignor.)
Haywood, John F., assignor of one-third to O. F. Brush and one-third to H. B. McMeen, Lewistown, Pa. Hot water heating radiator. 2,170,777; Aug. 22.
Hayworth, Byron B. (See Crane, G. R., and Hayworth.)
Hazard, Charles S., Andover, N. J., assignor to Neptune Meter Company. Signal device for dispensing pumps. Re. 21,041; Apr. 4.
Hazard, Charles S., Andover, N. J., assignor to Neptune Meter Company. Signal device for dispensing pumps. 2,178,230; Oct. 31.
Hazard, Charles S., New York, N. Y., assignor to Neptune Meter Company. Control device. 2,143,516; Jan. 10.
Hazard, Charles S., New York, N. Y., assignor to Neptune Meter Company. Switch operator and control for dispensing pumps. 2,148,122; Feb. 21.
Hazard, Charles S., New York, N. Y., assignor to Neptune Meter Company. Temperature compensator for meter driven registers. 2,156,812; May 2.
Hazard, Charles S., New York, N. Y., assignor to Neptune Meter Company. Liquid measuring device. 2,162,254; June 13.
Hazard, Charles S., New York, N. Y., assignor to Neptune Meter Company. Automatic signal for dispensing pumps. 2,167,151; July 25.
Hazard, Charles S., New York, N. Y., assignor to Neptune Meter Company. Computing register construction. 2,178,229; Oct. 31.
Hazard, Frederick E., Chicago, Ill. Refrigerating device for bottled beverages. 2,177,137; Oct. 24.
Hazekamp, Herman H., assignor to Armour and Company, Chicago, Ill. Deairing of sheep carcasses. 2,175,352; Oct. 10.
Hazel-Atlas Glass Company. (See Eccleston, Howard R., assignor.)
Hazel-Atlas Glass Company. (See Flint, Francis C., assignor.)
Hazel-Atlas Glass Co. (See Gray, Daniel M., assignor.)
Hazel-Atlas Glass Company. (See Nelson, Valfred L., assignor.)
Hazel-Atlas Glass Company. (See Ross, James W., assignor.)
Hazel-Atlas Glass Company. (See Williams, J. J., and Bauman, assignors.)
Hazel-Atlas Glass Company. (See Williams, J. J., and Heil, assignors.)
Hazel, Ernest, Jr. (See Rygaard, Hans T., assignor.)
Hazel, James E. (See Washington, Robert, assignor.)
Hazelett, Clarence W., Greenwich, Conn. Metal working. Re. 21,261; Nov. 14.
Hazelett, Clarence W., Greenwich, Conn. Distributing device. 2,157,538; May 9.
Hazelett, Clarence W., assignor to Hazelett Metals, Inc., Greenwich, Conn. Metal working process. Re. 21,260; Nov. 14.
Hazelett Metals, Inc. (See Hazelett, Clarence W., assignor.)
Hazell, Eardley. (See Gibbons, W. A., and Hazell.)
Hazell, Eardley, assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Microporous rubber sheet. 2,181,891; Dec. 5.
Hazeltine Corporation. (See Case, Nelson P., assignor.)
Hazeltine Corporation. (See Cawein, Madison, assignor.)
Hazeltine Corporation. (See Curtis, Leslie F., assignor.)
Hazeltine Corporation. (See Farrington, John F., assignor.)
Hazeltine Corporation. (See Freeman, Robert L., assignor.)
Hazeltine Corporation. (See Granqvist, Carl-Erik, assignor.)
Hazeltine Corporation. (See Hazeltine, Louis A., assignor.)
Hazeltine Corporation. (See Herbst, Philip J., assignor.)
Hazeltine Corporation. (See Hergenrother, Rudolf C., assignor.)
Hazeltine Corporation. (See Hurff, Joseph L., assignor.)
Hazeltine Corporation. (See Johnson, John K., assignor.)
Hazeltine Corporation. (See Lewis, Harold M., assignor.)
Hazeltine Corporation. (See Lewis, H. M., and Cawein, assignors.)
Hazeltine Corporation. (See Lewis, H. M., and Hergenrother, assignors.)
Hazeltine Corporation. (See Loughren, Arthur V., assignor.)
Hazeltine Corporation. (See MacDonald, William A., assignor.)
Hazeltine Corporation. (See Toulon, Pierre M. G., assignor.)
Hazeltine Corporation. (See Wheeler, Harold A., assignor.)
Hazeltine Corporation. (See Wilkens, William B., assignor.)
Hazeltine Corporation. (See Wilson, John C., assignor.)
Hazeltine, Louis A., Hoboken, N. J., assignor to Hazeltine Corporation. Frequency conversion system. Re. 21,153; July 18.
Hazeltine, Louis A., Hoboken, N. J., assignor to Hazeltine Corporation. Electron discharge device. 2,172,750; Sept. 12.
Hazelton, Benjamin F., Jr., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Hollow glass building block. 2,145,351; Jan. 31.
Hazelton, George, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-seat fitting machine. 2,147,742; Feb. 21.
Hazelton, George, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-seat fitting machine. 2,150,277; Mar. 14.
Hazelton, George, Leicester, England, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Stitch-cutting machine. 2,180,414; Nov. 21.
Hazen, Comer D., Youngstown, Ohio. Welding apparatus. 2,146,430; Feb. 7.
Hazen, Ronald M., Ferndale, assignor to General Motors Corporation, Detroit, Mich. U-type two-cycle radial engine. 2,159,209; May 23.
Hazen, Ronald M., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Liquid cooling means for internal combustion engines. 2,162,082; June 13.
Hazen, Ronald M., and T. S. McCrae, Jr., Indianapolis, Ind., assignors to General Motors Corporation, Detroit, Mich. Welded two-piece light alloy piston. 2,159,989; May 30.

Hazle, Albert J., Jr., assignor to B. F. Gump Co., Chicago, Ill. Chaff separator for coffee mills. 2,144,533; Jan. 17.
Head, Casimir J., assignor to Metallurgical Development Company Limited, Montreal, Quebec, Canada. Making alloys of iron and steel. 2,185,081; Dec. 26.
Head, William H., Venice, Calif. Combination baby and parcel carrier. 2,181,892; Dec. 5.
Headland, Olga, Moorhead, Minn. Fuel. 2,170,326; Aug. 22.
Headlee, John F. (See Witting, A. G., and Headlee.)
Headlee, William W., Waynesburg, Pa. Telescopic sleeve for cameras. 2,143,125; Jan. 10.
Headrick, Billie, Wichita, Kans. Air conditioning apparatus. 2,165,854; July 11.
Headrick, Lewis B., West Orange, N. J., assignor to Radio Corporation of America. Electron tube. 2,169,046; Aug. 8.
Headrick, Lewis B., West Orange, N. J., assignor to Radio Corporation of America. Electron tube. 2,173,165; Sept. 19.
Heagney, Joseph P., Denver, Colo. Air-speed indicator. 2,178,422; Oct. 31.
Heald Machine Company, The. (See Blood, Harold L., assignor.)
Heald Machine Company, The. (See Blood, H. L., and Schmidt, assignors.)
Heald Machine Company, The. (See Burns, Alfred P., assignor.)
Heald Machine Company, The. (See Schmidt, William D., assignor.)
Heald Machine Company, The. (See Schmidt, W. D., Burns, and Corbett, assignors.)
Heald, Matthew L., Portland, Maine, and H. L. Bryant, Roselle, assignors to American Can Company, New York, N. Y. Can end lining machine. 2,145,873; Feb. 7.
Heald, Robert F., Nutley, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Soap. 2,162,255; June 13.
Healey, Michael J. (See Dwyer, W. L., and Healey.)
Health-Glo Laboratories, Inc. (See Schulte, George A., assignor.)
Healy, Fred D., et al. (See Blake, Kenneth R., assignor.)
Heanes, Herbert, Santa Ana, Calif. Electric meter box. 2,167,419; July 25.
Heanue, James E., Limerick, assignor to The United Pipe and Supply Company, Inc., Morristown, Pa. Building column. 2,176,007; Oct. 10.
Hearn, John L., Upper Darby, Pa. Locomotive smokebox shroud and hinge therefor. 2,170,302; Aug. 22.
Hearn, Richard B. (See Cummings, G. C., and Hearn.)
Hearn, Richard B., Hollis, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. System and method of determining distance. 2,144,843; Jan. 24.
Hearn, Richard B., Hollis, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,160,017; May 30.
Hearn, Richard B., Hollis, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,182,340; Dec. 5.
Hearn, Thomas, Ludlow, Ky., and G. S. McKee, Cincinnati, assignors to The Globe-Wernicke Company, Norwood, Ohio. Letter tray. 2,183,992; Dec. 19.
Hearn, Thomas A., Ludlow, Ky., assignor to The Globe-Wernicke Company, Norwood, Ohio. Locking device. 2,180,630; Nov. 21.
Hearn, Thomas H. (See Hall, Willard C., Jr., assignors.)
Hearne, George. (See Groll, H. P. A., and Hearne.)
Hearne, George. (See Groll, H. P. A., Hearne, Burgin, and La France.)
Hearne, Julius W. (See McGuire, John B., assignor.)
Heasley, Loyd E., Holland, Mich., assignor to Hart & Cooley Manufacturing Company, Dover, Del. Damper regulator. 2,146,142; Feb. 7.
Heatbath Corporation, The. (See Walen, Ernest A., assignor.)
Heath, Aurelius V., assignor to The Norwalk Hat Company, Norwalk, Conn. Hat-making apparatus. 2,147,531; Feb. 14.
Heath, Garris W. (See Goon, E. B., and Heath.)
Heath, Clarence L., and E. B. Sherwood, Kirkland Lake, Ontario, Canada, assignors to J. K. Smit & Sons, Inc., New York, N. Y. Diamond bit. 2,174,980; Oct. 3.
Heath, Delos P., Detroit, Mich., assignor to Frigidaire Corporation, Dayton, Ohio. Evaporator. 2,157,127; May 9.
Heath, Delos P., Grosse Pointe, Mich., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,161,293; June 6.
Heath, Delos P., Detroit, Mich., assignor, by mesne assignments, to General Motors Corporation. Sheet-metal evaporator. 2,166,953; July 25.
Heath, Emery A., Olympia, Wash. Removable motor mount and adapter for mixers, churns, and the like. 2,162,400; June 13.
Heath, Frank M., Silver Spring, Md. Water divider. 2,154,982; Apr. 18.
Heath, Frank M., Silver Spring, Md. Guide for flush tank valves. 2,171,447; Aug. 29.
Heath, Frank M., Silver Spring, Md. Water control for flush tanks. 2,183,677; Dec. 19.
Heath, Samuel, Philadelphia, Pa. Hoop and propelling means. 2,149,960; Mar. 7.
Heath, Sheldon B., assignor to The Dow Chemical Company, Midland, Mich. Producing iodine. 2,143,222; Jan. 10.
Heath, Sheldon B., assignor to The Dow Chemical Company, Midland, Mich. Producing bromine. 2,143,223; Jan. 10.
Heath, Sheldon B., assignor to The Dow Chemical Company, Midland, Mich. Sulphur composition. 2,145,259; Jan. 31.
Heath, Sheldon B., assignor to The Dow Chemical Company, Midland, Mich. Composition of matter. 2,146,739; Feb. 14.
Heath, Sheldon B., and F. R. Minger, assignors to The Dow Chemical Company, Midland, Mich. Dehumidifying solution. 2,143,007; Jan. 10.
Heath, Sheldon B., and F. R. Minger, assignors to The Dow Chemical Company, Midland, Mich. Composition for dehumidifying gases. 2,143,008; Jan. 10.
Heath, Sheldon B., and J. W. Corey, assignors to The Dow Chemical Company, Midland, Mich. Fertilizer. 2,150,164; Mar. 14.
Heath, Sheldon B., and F. R. Minger, assignors to The Dow Chemical Company, Midland, Mich. Homogenizing apparatus. 2,153,537; Apr. 11.
Heath, Sheldon B., and M. O. Keller, assignors to The Dow Chemical Company, Midland, Mich. Phenol composition. 2,169,240; Aug. 15.
Heath, Walter S., Bakersfield, Calif. Animal trap. 2,178,789; Nov. 7.
Heating Ventilating & Air Conditioning Co. Inc. (See Smith, Leonard C., assignor.)
Heaton, Roy C. (See Curtis, H. A., and Heaton.)
Heaven, George S. (See Glover, W. H., and Heaven.)
Heavens, E. M. (See Stocker, Closman P., assignor.)
Heavyside, Stuart J., Dayton, Ohio, assignor to The Univis Corporation, Wilmington, Del. Lens. 2,183,885; Dec. 19.
Hebard, Glen G. (See Carr, R. H., Saxon, Hebard, and Neal.)
Hebbard, Charles B. (See Rakowsky, V., Arms, and Hebbard.)
Hebel, Martin, Hechendorf-on-the-Pilsensee, Upper Bavaria, Germany. Telephone installation. 2,177,608; Oct. 24.
Hebenstreit, Charles P. (See Deubel, Joseph, assignor.)
Heberer, Albert J., Maywood, Ill., assignor to The Glidden Company, Cleveland, Ohio. Adhesive. 2,181,129; Nov. 28.
Heberlein, Georg. (See Heberlein, Georges and G.)
Heberlein, George J., Greeley, Colo. Weed burner. 2,144,491; Jan. 17.
Heberlein, Georges, Wattwil, and E. Weiss, Wattwil, Bunt, Switzerland, assignors to Heberlein Patent Corporation, New York, N. Y. Treating fabrics and like materials to produce effects therein and products therefrom. 2,171,513; Aug. 29.
Heberlein, Georges and G., Wattwil, St. Gallen, Switzerland, assignors to Heberlein Patent Corporation, New York, N. Y. Patterned fabric and producing the same. 2,172,443; Sept. 12.
Heberlein, Max F. W., Rahway, N. J., assignor to The American Metal Company, Limited, New York, N. Y. Treating material containing copper and tin. 2,152,188; Mar. 28.
Heberlein Patent Corporation. (See Heberlein, Georges and G., assignors.)
Heberlein Patent Corporation. (See Heberlein, G., and Weiss, assignors.)
Heberlein Patent Corporation. (See Kaase, W., and Waltmann, assignors.)
Heberlein Patent Corporation. (See Waltmann, E., and Wolf, assignors.)
Hebert, Arthur J., South Weymouth, Mass. Electric hand roller presser. 2,146,471; Feb. 7.
Hebler, William O., Westfield, N. J. Safety signaling device for automobiles. 2,178,343; Oct. 31.
Hechenbleikner, Ingenuin. (See Morton, A. A., and Hechenbleikner.)
Hechenbleikner, Ingeniun. (See Roblin, R. O., Jr., and Hechenbleikner.)
Hecht, Fred W., Clairton, Pa. Ram. 2,165,141; July 4.
Hecht, Joseph L., Davenport, Iowa, assignor to French & Hecht, Incorporated. Manufacturing wheels. 2,154,617; Apr. 18.
Hecht, Otto. (See Reppe, W., and Hecht.)
Heck, Ludwig, Munich, and R. Schwarz, Berlin-Mariendorf, Germany, assignors to Askania-Werke A. G. Sound operated contact device. 2,161,416; June 6.
Heckel, Hermann, Chicago, Ill., assignor to Marbon Corporation. Making sheet material. 2,167,570; July 25.
Hecker, John C. (See Hickman, K. C. D., and Hecker.)
Hecker Products Corporation. (See Burkhart, W. H., and Marceau, assignors.)
Hecker Products Corporation. (See Hylton, W. I., and Josinsky, assignors.)
Heckert, James H., Duquesne, Pa. Wheel mounting for vehicles. 2,173,015; Sept. 12.
Heckert, Winfield W., Ardentown, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic fibers. 2,157,118; May 9.
Heckert, Winfield W., Ardentown, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic material and preparing same. 2,168,335; Aug. 8.

Heckert, Winfield W., Ardentown, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic structure and producing same. 2,168,336; Aug. 8.
Heckert, Winfield W., Ardentown, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic structure and preparing same. 2,168,337; Aug. 8.
Heckert, Winfield W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic structure and producing same. 2,168,338; Aug. 8.
Heckert, Winfield W., Arden, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose esters and method. 2,170,024; Aug. 22.
Heckert, Winfield W., Arden, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing calcium sulphate. 2,177,254; Oct. 24.
Heckman, Gerhard F. (See Trible, W., and Heckman.)
Heckman, John A., assignor to Miller Wrapping and Sealing Machine Company, Chicago, Ill. Compensator for sheeters. 2,176,571; Oct. 17.
Heckman, Joseph H., Chicago, Ill. Mechanic's creeper. 2,148,199; Feb. 21.
Heckman, Joseph H., Chicago, Ill. Curtain holder. 2,154,161; Apr. 11.
Heckman, Richard P., Chicago, Ill. Insert anchor. 2,163,446; June 20.
Heckmann, Carl J., Breslau, Germany, assignor to Maschinenfabrik Heckmann G. m. b. H. Distilling, rectifying, fractionating, or washing column. 2,147,094; Feb. 14.
Heco Envelope Company. (See Randolph, Fred W., assignor.)
Hector, Ernest A., Jamestown, N. Y. Sign. 2,160,544; May 30.
Hector, Luther G., assignor to Buffalo Pressed Steel Company, Inc., Buffalo, N. Y. Muffler. 2,146,183; Feb. 7.
Hector, Luther G., assignor to Buffalo Pressed Steel Company, Buffalo, N. Y. Silencing the exhaust of internal combustion engines. 2,182,204; Dec. 5.
Hectorne, Ronald L. (See McMurray, Arthur A., assignor.)
Heddon's, James, Sons. (See McArthur, Joseph, assignor.)
Hedfield, Reynold T., assignor to Jas. P. Marsh Corporation, Chicago, Ill. Gauge adjusting means. 2,162,306; June 13.
Hedgcock, William C., assignor to American Steel Foundries, Chicago, Ill. Draft-gear housing. 2,160,417; May 30.
Hedgcock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,171,514; Aug. 29.
Hedgcock, William C., Wilmette, assignor to American Steel Foundries, Chicago, Ill. Car truck and clasp brake assembly. 2,168,291; Aug. 1.
Hedge, Marvin K., Portland, Oreg. Fishing rod. 2,177,433; Oct. 24.
Hedges, Edward G., Newark, and R. Stickles, Union, N. J. Filling liquid dispensing systems. 2,160,501; May 30.
Hedges, Harry O., assignor to Hedges Motor Company, Seattle, Wash. Rod connection and cross head guide. 2,171,554; Sept. 5.
Hedges Motor Company. (See Hedges, Harry O., assignor.)
Hedgpeth, Theron L., Oak Park, Ill. Tool having identification insignia. 2,161,163; June 6.
Hedgpeth, Theron L., Oak Park, assignor to Duro Metal Products Company, Chicago, Ill. Power driven tool. 2,154,745; Apr. 18.
Hedgpeth, Theron L., Oak Park, assignor to Duro Metal Products Company, Chicago, Ill. Power driven tool. 2,176,572; Oct. 17.
Hedley, Norman. (See Anderson, A. E., and Hedley.)
Hedquist, Carl S., Minneapolis, Minn. Clothespin bag. 2,160,658; May 30.
Hedquist, Carl S., G. A. Johnson, and E. A. Malmberg, Minneapolis, Minn. Utility rack. 2,144,534; Jan. 17.
Hedreen, Carl A., Seattle, Wash., and H. R. Beard, Vancouver, British Columbia, Canada, assignors to New England Fish Company, Seattle, Wash. Flesh foods and the preservation thereof. 2,151,967; Mar. 28.
Hedrick, Carl D., Miami, Fla. Safety device for linemen. 2,152,049; Mar. 28.
Hedrick, Gale H., Glenshaw, Pa., assignor to Maremont Automative Products, Inc., Chicago, Ill. Muffler. 2,150,768; Mar. 14.
Hedrick, Gale H., F. P. Myers, and R. E. Stark, assignors, by mesne assignments, to I. A. Simon, Pittsburgh, Pa. Hydraulic hand. 2,151,850; Mar. 28.
Heekin Can Company, The. (See Marx, Frederick C., assignor.)
Heeman & Froude Limited. (See Walker, George H., assignor.)
Heer, Heinrich H. (See Da Rold, Duilio, assignor.)
Heeren, John A., Le Mars, Iowa. Leveling shovel attachment for tractor front wheels. 2,163,682; June 27.
Heerwagen, Paul M., Fayetteville, Ark. Acoustic surfacing for walls, ceilings, partitions, or the like. 2,161,708; June 6.
Heess, Albert, Stuttgart-Bad-Cannstatt, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterkheim, Germany. Internal combustion engine. 2,166,525; July 18.
Hefele, Edward J., Amityville, N. Y., assignor, by mesne assignments, to Airplane & Marine Direction Finder Inc. Radio direction finding. 2,172,536; Sept. 12.
Heffelfinger, Paul E. (See Jung, O. H., and Heffelfinger.)
Hefferin, George M., assignor to E. E. Robinson, Mesa, Ariz. Thrust collar. 2,177,565; Oct. 24.
Heffner, Harry F., and L. L. De Turk, Kearny, N. J. Universal sled brake. 2,160,502; May 30.
Heffner, Lawrence L. (See Clayton, E. C., and Heffner.)
Heffron, William, Bronx, N. Y. Press-stitcher sewing machine. 2,169,528; Aug. 15.
Hefftner, Max, Fort Wadsworth, N. Y. Clamp. 2,146,575; Feb. 7.
Heft, Kenneth G., and E. J. Rapp, assignors to Morris Packaging Equipment Company, Toledo, Ohio. Method and apparatus for wrapping prints of butter or the like. 2,177,773; Oct. 31.
Hefti, Ernst, assignor to Gebruder Sulzer Aktiengesellschaft, Winterthur, Switzerland. Method and loom for weaving. 2,152,255; Mar. 28.
Hefti, Fridolin, assignor to the firm Aktiengesellschaft Cilander, Herisau, Switzerland. Ornamenting textiles. 2,184,593; Dec. 26.
Hefti, Hans, Neenah, assignor to The Appleton Coated Paper Company, Appleton, Wis. Paper handling mechanism. 2,162,430; June 13.
Heftler, Maurice B., Grosse Pointe Park, Mich., assignor to Torben Company. Governor. 2,172,678; Sept. 12.
Hegan, Chester P., assignor to American Air Filter Company, Inc., Louisville, Ky. Filtering medium for air filters. 2,167,323; July 25.
Hegel, Charles S., adminstrator. (See Howe, Ramon R.)
Hegenbarth, Francis, Birmingham, Ala. Manufacture of cane crushing rolls. 2,150,278; Mar. 14.
Heggie, James. (See Corrall, H., and Heggie.)
Hegland, James T. (See Shaffer, Frederick O., assignor.)
Hegwein, Georg, assignor to Junkers & Co. G. m. b. H., Dessau, Germany. Combined water boiler and beverage infuser. 2,154,845; Apr. 18.
Hegwein, Georg, assignor to Junkers & Co. G. m. b. H., Dessau, Germany. Heater for generating boiling water. 2,162,950; June 20.
Hehlgans, Friedrich W., Berlin-Hermsdorf, Germany, assignor to General Electric Company. Cathode ray tube. 2,183,398; Dec. 12.
Heian, William, et al. (See Fuller, Wayne C., assignor.)
Heiber, William, & Son. (See Heiber, W. G., and Meng, assignors.)
Heiber, William G., and E. R. Meng, assignors to said W. G. Heiber, doing business as William Heiber & Son, Rochester, N. Y. Shoe clamp. 2,168,935; Aug. 8.
Heichemer, Anthony E. (See Orr, Francis L., assignor.)
Heid, Jacob B., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Manufacture of asphalt. 2,154,746; Apr. 18.
Heid, Jacob B., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,167,507; July 25.
Heid, Jacob B., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,182,586; Dec. 5.
Heidbrink, Jay A. (See Stevens, E. J., and Heidbrink.)
Heidegger, Henry F. (See Griffin, H., and Heidegger.)
Heidel, Walter C., Oak Park, Ill. Stepladder attachment. 2,183,191; Dec. 12.
Heidenhain, Johannes, Berlin, Germany. Preparation of washed out reliefs. 2,142,311; Jan. 3.
Heidenreich, Franz. (See Federmann, W., Andrieu, and Heidenreich.)
Heider, Henry J., Carroll, Iowa. Ladder construction. 2,152,846; Apr. 4.
Heider, Henry J., Carroll, Iowa. Ladder construction. 2,178,856; Nov. 7.
Heidinger, Louis C., Belleville, Ill. Rat trap. 2,168,065; Aug. 1.
Heigis, Henry E., West Orange, assignor to Walter Kidde & Company, Inc., Bloomfield, N. J. Static eliminating means for carbon dioxide apparatus. 2,158,965; May 16.
Heigis, Henry E., West Orange, assignor to Walter Kidde & Company, Inc., Bloomfield, N. J. Fluid pressure operated apparatus and fluid control valve therefor. 2,185,103; Dec. 26.
Heil Co., The. (See Eisenberg, Charles G., assignor.)
Heil Co., The. (See French, H. C., and Frentzel, assignors.)
Heil Co., The. (See Frentzel, H. C., Jr., and French, assignors.)
Heil Co., The. (See Frentzel, H. C., Jr., and Novotny, assignors.)
Heil Co., The. (See Gruber, Earl B., assignor.)
Heil Co., The. (See Heil, J. P., and Kessler, assignors.)
Heil Co., The. (See Thwaits, Frederick G., assignor.)
Heil, Harry G., Coalport, Pa. Time or time-control switch. 2,159,085; May 23.
Heil, Jesse P. (See Williams, J. J., and Heil.)
Heil, Julius P., Whitefish Bay, and F. P. Kessler, assignors to The Heil Co., Milwaukee, Wis. Pasteurizer. 2,144,800; Jan. 24.
Heil, Rudolf. (See Laska, L., Zitscher, and Heil.)
Heiland, Carl A., assignor to Heiland Research Corporation, Denver, Colo. Multiple galvanometer. 2,183,934; Dec. 19.
Heiland Research Corporation. (See Heiland, Carl A., assignor.)

Heilbron, Isidor M., Manchester, England, F. Irving, Grangemouth, Scotland, and R. P. Linstead, London, England, assignors to Imperial Chemical Industries Limited. Coloring matters of phthalocyanine type. 2,153,620; Apr. 11.
Heilbron, Isidor M., Manchester, England, F. Irving, Grangemouth, Scotland, and R. P. Linstead, London, England, assignors to Imperial Chemical Industries Limited. Coloring matters of the phthalocyanine type. 2,166,213; July 18.
Heilhecker, Eugene C., Bristol, R. I. Shoe with rubber or composition sole. 2,183,277; Dec. 12.
Heilig, Cyrus H., York, Pa. Loom stop device. 2,142,899; Jan. 3.
Heilig, William L., Chicago, Ill. Tweezers. 2,165,374; July 11.
Heilmann, William A., Orange, and W. Schultz, Kearney, assignors to Newark Rivet Works, Newark, N. J. Folding umbrella. 2,150,971; Mar. 21.
Heilstedt, Harold R., Gary, Ind., and S. D. Jackson, Chicago, Ill. Safety helmet. 2,184,043; Dec. 19.
Heim, Daniel C., Sunbury, assignor to A. B. Farquhar Co., Limited, York, Pa. Treating plants for parasites. 2,150,767; Mar. 14.
Heim, Friedrich. (See Wolff, P. H., Heim, Winter, and Bettag.)
Heim, Hans. (See Berg, H., Heim, and Leiss.)
Heim, Howard J. (See George, R. H., and Heim.)
Heim, Howard J. (See George, R. H., Heim, and Hammond.)
Heim, Lewis R., Mount Dora, Fla. Making roller bearings. 2,160,382; May 30.
Heim, Moses L., and K. Fiedler, Leipzig, Germany; said Fielder assignor to said Heim. Oxygen-generating composition. 2,170,052; Aug. 22.
Heim, Oscar, East Hempstead, N. Y. Bellows-operated reed instrument. 2,162,382; June 13.
Heimann, Eberhard, Berlin-Schoneberg, Germany. Malt-enzyme extraction in beer making. 2,163,200; June 20.
Heimann, Walter, assignor to Allgemeine Elektricitats-Gesellschaft, Berlin, Germany. Cathode ray tube recording device. 2,170,819; Aug. 29.
Heimbach, Charles H., Elyria, and N. B. Thompson, Lorain, Ohio, assignors to National Tube Company. Recovering sal ammoniac from gas liquor. 2,179,183; Nov. 7.
Heimberger, Walter, Bayreuth, Germany. Cleaning of metallic surfaces. 2,171,981; Sept. 5.
Heimbinder, Barney A. (See Klein, B., and Heimbinder.)
Heimke, Paul. (See Schumacher, W., and Heimke.)
Heimke, Paul. (See Steindorff, A., Balle, Heimke, and Horst.)
Hein, Carl C., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Contact assembly for double-surfaced rectifier elements. 2,157,895; May 9.
Hein, Carl C., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Contact terminal for rectifier plates. 2,172,200; Sept. 5.
Hein, Carl C., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooled contact rectifier. 2,179,293; Nov. 7.
Hein & Hein. (See Hein, Julius, assignor.)
Hein, Julius, assignor to the firm of Hein & Hein, Berlin-Charlottenburg, Germany. Fuel-charging apparatus. 2,148,465; Feb. 28.
Heindel, Roy L. (See Britton, E. C., and Heindel.)
Heindl, William C., Rochester, N. Y. Base for fixtures. 2,161,674; June 6.
Heindlhofer, Kalman. (See Larsen, B. M., Berley, and Heindlhofer.)
Heindlhofer, Kalman, East Orange, N. J., assignor to United States Steel Corporation, New York, N. Y. Welding electrode spacing means. 2,173,446; Sept. 19.
Heine, Hugo. (See Scholz, M., and Wagenitz, assignors.)
Heinecke, Erich. (See Kramar, E., and Heinecke.)
Heineman, Charles W., and E. B. Thomas, Connersville, Ind. Signaling device. 2,153,754; Apr. 11.
Heineman, Lawrence M. (See Clark, Jesse H., assignor.)
Heineman, Paul G., Albany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Medicinal container. 2,153,981; Apr. 11.
Heinen, Andreas, Cologne, Germany. Method and apparatus for shrinking woven or knitted textile fabrics. 2,144,151; Jan. 17.
Heinen, Will, assignor to Kali-Forschungs-Anstalt G. m. b. H., Berlin, Germany. Method of and apparatus for conveying material containing at least one expansible constituent. 2,151,514; Mar. 21.
Heiner, Glen P., Salt Lake City, Utah. Hook rack for fly books. 2,173,395; Sept. 19.
Heiner, John N., Bethesda, Md. Casing for turbines. 2,151,699; Mar. 28.
Heinisch, Paul, Berlin-Zehlendorf, Germany, assignor to Askania-Werke A. G. Photographic camera. 2,166,148; July 18.
Heinisch, Paul, Berlin-Zehlendorf, Germany, assignor to Askania Werke A. G. Finder. 2,180,236; Nov. 14.
Heinisch, Paul, Berlin-Zehlendorf, and K. Schencke, Berlin-Tempelhof, Germany, assignors to Askania-Werke A. G. Motion picture camera. 2,149,217; Feb. 28.
Heinisch, Paul, Berlin-Zehlendorf, and K. Schencke, Berlin-Tempelhof, Germany. Motion picture camera. 2,149,218; Feb. 28.
Heinisch, Paul, and K. Schencke, Berlin, Germany, assignors to Askania-Werke A. G. Motion picture camera. 2,166,147; July 18.
Heinish, George, assignor to Star Drilling Machine Company, Akron, Ohio. Well drilling apparatus. 2,145,352; Jan. 31.
Heinkel, Ernst. (See Meissner, Erich, assignor.)
Heinrich, Ernst. (See Zerweck, W., and Heinrich.)
Heinrich, Ernst. (See Zerweck, W., Heinrich, and Trösken.)
Heinrich, Gerhard, Hainsberg, Saxony, assignor to G. Spiess, Leipzig, Germany. Device for eliminating differences in register. 2,184,218; Dec. 19.
Heinrich, Hans. (See Weber, J., and Heinrich.)
Heinrich, Hans, and J. F. Janssen, Stuttgart, and K. Fiedler, Stuttgart-Kaltental, assignors to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Control means for the fuel supply of internal combustion engines. 2,161,743; June 6.
Heinrich, Henry A., Middletown, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Typewriting and like machine. 2,182,150; Dec. 5.
Heinrich, Jean-Marie, et al. (See Fiorentino, Aldo, assignor.)
Heinrich, Johann, assignor to Rheinmetall-Borsig Aktiengesellschaft Werk Borsig Berlin-Tegal, Berlin-Tegal, Germany. Compressor. 2,172,751; Sept. 12.
Heinrich, Walter, Berlin-Steglitz, Germany, assignor to Askania-Werke A. G. vormals Centralwerkstatt-Dessau und Carl Bamberg-Friedenau. Remote control device. 2,175,165; Oct. 3.
Heinrich, Walter A., assignor to J. R. Kearney Corporation, St. Louis, Mo. Electrical wire bracket. 2,155,189; Apr. 18.
Heintz, James C., Lakewood, Ohio. Tire molding apparatus. 2,174,188; Sept. 26.
Heintz, James C., Lakewood, Ohio. Retreading vulcanizer. 2,174,189; Sept. 26.
Heintz, Joseph S., and M. S. Cook, Chicago, Ill. Cervical applicator. 2,146,472; Feb. 7.
Heintz & Kaufman, Ltd. (See Heintz, R. M., and Gruenhagen, assignors.)
Heintz & Kaufman, Ltd. (See Scofield, Philip F., assignor.)
Heintz, Ralph M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Ignition mechanism. 2,159,150; May 23.
Heintz, Ralph M., Palo Alto, Calif., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Distributor. 2,161,043; June 6.
Heintz, Ralph M., Palo Alto, and H. W. A. Gruenhagen, San Bruno, assignors to Heintz & Kaufman, Ltd., San Francisco, Calif. Antenna reel. 2,161,044; June 6.
Heintz, Ralph M., Montclair, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Prime mover dynamo plant. 2,174,236; Dec. 19.
Heinz, Karl H., Pforzheim, Germany. Multiple pencil, especially for make-up sticks. 2,142,312; Jan. 3.
Heinz, Richard, Queens Village, assignor to Carl Percy, Inc., New York, N. Y. Display device. 2,155,190; Apr. 18.
Heinze, William A. (See Victor, J. H., Heinze, and Bernstein.)
Heinze, William A., assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Fluid seal with welded housing. 2,166,293; July 18.
Heinze, William A., Chicago, and W. F. Bernstein, Brookfield, assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Fluid seal with integral vulcanized packing. 2,145,928; Feb. 7.
Heinzelmann, Hans, Effretikon, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Internal combustion engine plant. 2,179,628; Nov. 14.
Heinzelmann, Hans, Effretikon, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Supercharged combustion engine. 2,180,108; Nov. 14.
Heise, Arthur C., and M. W. Jacobi, Baltimore, Md. Shield for electrical outlets. 2,157,957; May 9.
Heise, George W. (See Schumacher, E. A., and Heise.)
Heise, George W., Rocky River, and E. A. Schumacher, Lakewood, Ohio, assignors to Union Carbide and Carbon Corporation. Primary battery. 2,180,955; Nov. 21.
Heise, Otto W., Bridgeport, Conn. Pressure gauge. 2,181,730; Nov. 28.
Heisel, Paul, and A. Hendschel, Gersthofen, near Augsburg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparing monohalogenation products. 2,168,260; Aug. 1.
Heisenberg, Erwin. (See Hubert, F. E., Heisenberg, Steindorff, and Orthner.)
Heiser, Harold W., East St. Louis, Ill., assignor to Aluminum Company of America, Pittsburgh, Pa. Production of double fluorides of alkali metals and aluminum. 2,182,509; Dec. 5.
Heiser, Harold W., East St. Louis, Ill., assignor to Aluminum Company of America, Pittsburgh, Pa. Production of double fluorides of alkali metals and aluminum. 2,182,510; Dec. 5.
Heiser, Harold W., East St. Louis, Ill., assignor to Aluminum Company of America, Pittsburgh, Pa. Production of fluoborate compounds. 2,182,511; Dec. 5.

Heisig, Theodore C., Beacon, assignor to The Texas Company, New York, N. Y. Cracking asphaltic oil. 2,150,119; Mar. 7.

Heising, Raymond A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric oscillator. 2,142,313; Jan. 3.

Heising, Raymond A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multielement electron discharge apparatus and system. 2,156,088; Apr. 25.

Heising, Raymond A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,157,336; May 9.

Heising, Raymond A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Ultra-short wave altimeter for aircraft. 2,183,399; Dec. 12.

Heisler, Harry F., Waterloo, Iowa. Foot-actuated throttle device. 2,150,972; Mar. 21.

Heisler Locomotive Works. (See Wheeler, Brian, assignor.)

Heisler, Ray W., Kansas City, Mo. Electrical etching machine. 2,176,588; Oct. 17.

Heisner, Donald A., assignor to The Lorain Telephone Company, Lorain, Ohio. Radio telephone system. 2,157,234; May 9.

Heisterkamp, Herbert W., assignor to The Bryant Heater Company, Cleveland, Ohio. Air conditioning system. 2,180,467; Nov. 21.

Heit, Harold B., New York, N. Y. Diamond studded watch ornamentation. 2,179,294; Nov. 7.

Heitler, George, New York, N. Y. Machine for grinding and shaping. 2,149,258; Mar. 7.

Heitman, Charles H., Jeffersonville, N. Y. Beverage dispensing device. 2,151,104; Mar. 21.

Heitmann, Grace, Brooklyn, N. Y. Adjustable column for lamps and other articles. 2,171,653; Sept. 5.

Heitner, William A., assignor to W. H. Miner, Inc., Chicago, Ill. Retaining means. 2,147,034; Feb. 14.

Heitner, William A., assignor to W. H. Miner, Inc., Chicago, Ill. Shock absorbing mechanism. 2,165,375; July 11.

Heitner, William A., assignor to W. H. Miner, Inc., Chicago, Ill. Refrigerator car door. 2,170,053; Aug. 22.

Hektner, Joel, assignor to The Timken Roller Bearing Company, Canton, Ohio. Wheel and axle assembly. 2,170,498; Aug. 22.

Helberg, Robert J., assignor to Sy-fil Corporation, Seattle, Wash. Carbonated water bottle filler. 2,183,770; Dec. 19.

Helberger, Johann H., Cologne-Mulheim, and C. Taube, Leverkusen-I. G.-Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo dyestuffs. 2,149,051; Feb. 28.

Held, Benjamin, Brooklyn, and A. Shayne, New York, N. Y. Ski creeper. 2,162,888; June 20.

Held, Gottfried, Bern, Switzerland. Mechanism for manufacturing cylindrical containers out of fibrous material suspended in a liquid. 2,167,753; Aug. 1.

Held, Joseph E., Woodside, Long Island, assignor to American Cystoscope Makers, Inc., New York, N. Y. Scissors-handle device for surgical instruments. 2,146,954; Feb. 14.

Held, Roy J., Freeport, Ill. Metal bottle. 2,157,896; May 9.

Held, Stanley S., assignor to Hillerich & Bradsby Co., Louisville, Ky. Adjustable weighting device for golf club heads. 2,163,091; June 20.

Heldenbrand, Arthur P., Tonkawa, Okla. Reconditioning tubing. 2,177,214; Oct. 24.

Heldman, Frank A., Freehold, N. J. Bucking bronco, polo pony, or single seesaw. 2,173,300; Sept. 19.

Helenek, Joseph. (See Werner, O., and Helenek.)

Helfrecht, Fred A., Oakland, Calif. Air cooling device. 2,157,409; May 9.

Helfrecht, Fred A., assignor to National Oil Seal Co., Oakland, Calif. Fluid seal. 2,172,280; Sept. 5.

Helft, Ernst. (See Goll, G., and Helft.)

Helgason, Arni, Wilmette, and P. E. Keegan, assignors to Chicago Transformer Corporation, Chicago, Ill. Coil. 2,166,841; July 18.

Helgeby, Ralph O. (See Waller, D. D., Smith, Randolph, and Helgeby.)

Helgeby, Ralph O., Flint, assignor to General Motors Corporation, Detroit, Mich. Speedometer pointer. 2,159,210; May 23.

Helgeson, Kennell, Mount Horeb, Wis. Tractor wheel. 2,155,938; Apr. 25.

Helicopter Corporation of America. (See de Bothezat, George, assignor.)

Héliot, Léon P., Sainte-Savine, France. Device for the drawing upon forms, of articles to be finished, such as stockings and other hosiery goods. 2,166,053; July 11.

Helland, Sigurd H., assignor to Whitin Machine Works, Whitinsville, Mass. Builder mechanism for spinning frames. 2,179,332; Nov. 7.

Heller, David, New York, N. Y. Ash receiver. 2,142,647; Jan. 3.

Heller, Ferdinand F., Royersford, Pa. Cutting and setting rivets. 2,163,683; June 27.

Heller, George L., and C. W. Snow, Pampa, Tex., assignors to General Atlas Carbon Company, Dover, Del. Manufacture of carbon black. 2,144,971; Jan. 24.

Heller, Harry, Ardmore, assignor to Sun Oil Company, Philadelphia, Pa. Fluid-dispensing apparatus. 2,171,125; Aug. 29.

Heller, Harry, Ardmore, Pa., assignor to Sun Oil Company. Temperature control apparatus. 2,185,104; Dec. 26.

Heller, Henry C., Collingdale, Pa., assignor to Baldwin-Southwark Corporation. Compressor-unloader structure. 2,156,943; May 2.

Heller, Henry R., assignor to Winter & Company, New York, N. Y. Piano. 2,177,486; Oct. 24.

Heller, Herman S., West Los Angeles, Calif. Recording system for telephone conversations. 2,165,546; July 11.

Heller, Israel E., assignor to Michaels, Stern & Co., Inc., Rochester, N. Y. Wearing apparel. 2,177,023; Oct. 24.

Heller, Karl, Jersey City, N. J. Beer faucet. 2,143,655; Jan. 10.

Heller, Lewis W., East Orange, assignor to The Babcock & Wilcox Company, Newark, N. J. Steam boiler. 2,159,557; May 23.

Heller, M. T., Chicago, Ill., assignor, by mesne assignments, to Marshall & Ilsley Bank, Milwaukee, Wis. Wrapper and system of producing same. 2,157,410; May 9.

Heller, Richard I., Los Angeles, Calif. Check marking device. 2,149,052; Feb. 28.

Hellige, F., & Co. (See Assmus, Friedrich, assignor.)

Hellman, S. Jack, Los Angeles, Calif. Closure for containers. 2,144,880; Jan. 24.

Hellmann, Frederick A., Chattanooga, Tenn., and H. R. Statham, Falls Church, Va. Stoker control. 2,178,171; Oct. 31.

Hellmann, Jay T., Miami, Fla. Telephone cord take-up. 2,167,571; July 25.

Hellmann, John, E. L. Keyes, and J. A. Petrone, Pittsburgh, Pa. Air conditioned garment. 2,171,337; Aug. 29.

Hellyar, Charles H., assignor to The Fafnir Bearing Company, New Britain, Conn. Thrust bearing. 2,155,657; Apr. 25.

Helm, Allison C., Fort Worth, Tex. Apparatus for preparing food pellets. 2,178,009; Oct. 31.

Helm, Bertha, administratrix. (See Helm, Eric, and Wolk.)

Helm, Emerson B. (See Kline, H. B., and Helm.)

Helm, Emerson B., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Thread store device. 2,165,259; July 11.

Helm, Eric, deceased, and J. Wolk, Waterbury, Conn.; B. Helm, administratrix of said E. Helm. Thumbtack package. 2,152,847; Apr. 4.

Helm, John T., Middletown, Ohio. Fish-scaling tool. 2,148,944; Feb. 28.

Helm, Max, Berlin-Niederschonhausen, and F. Schöbel, Berlin-Pankow, Germany, assignors to General Electric Company. Diaphragm for dry gas meters. 2,142,844; Jan. 3.

Helmer, Walter S., Oak Park, Ill. Automobile supporting means. 2,165,376; July 11.

Helmert, Robert, Berlin-Lichterfelde, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Telegraph system. 2,167,509; July 25.

Helmert, Robert, Berlin-Lankwitz, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Telegraph system. 2,184,836; Dec. 26.

Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,142,245; Jan. 3.

Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,142,246; Jan. 3.

Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,146,821; Feb. 14.

Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,152,848; Apr. 4.

Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,155,989; Apr. 25.

Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,156,475; May 2.

Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,160,250; May 30.

Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,160,251; May 30.

Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriter machine. 2,163,943; June 27.

Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,163,944; June 27.

Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,163,945; June 27.

Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Making a typewriter type bar rest. 2,171,696; Sept. 5.

Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,172,008; Sept. 5.
Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,176,628; Oct. 17.
Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,178,688; Nov. 7.
Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,178,689; Nov. 7.
Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,182,125; Dec. 5.
Helmond, William F., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,184,742; Dec. 26.
Helms, Harry W., Detroit, Mich., and J. W. Menhall, Edgerton, Wis. Trailer support operating means. 2,146,955; Feb. 14.
Helms Concrete Pipe Company. (See Helms, J. C., and Devonald, assignors.)
Helms, Jay C., and I. Richard Devonald, assignors to Helms Concrete Pipe Company, Inc., Alexandria, Va. Pipe joint. 2,162,431; June 13.
Helsel, Louis E., Duncansville, Pa. Fish elevator. 2,174,657; Oct. 3.
Helsel, Reuben H., Long Island City, assignor to General Register Corporation, New York, N. Y. Ticket issuing machine. 2,176,966; Oct. 24.
Helsten. Wesley, assignor to American Steel Foundries, Chicago, Ill. Slack adjuster. 2,167,610; July 25.
Helstrup, Lars K. V., Frederiksberg, Denmark. Apparatus for grinding liquid or semisolid substances. 2,170,303; Aug. 22.
Helwig, Edward L., Bristol, assignor to Röhm & Haas Company, Philadelphia, Pa. Shaping thermoplastic sheets. 2,142,445; Jan. 3.
Helyan, Charles M. (See Hetessy, Frank A., assignor.)
Heman, Theodore R., and F. Gruenes, Chicago, Ill.; said Gruenes assignor to said Heman. Safety bottle breaker. 2,177,926; Oct. 31.
Hemmann, Otto. (See Baumann, W., and Hemmann.)
Hemming, Emil, Long Island City, N. Y. Smoker's bowl. 2,177,107; Oct. 24.
Hemming, Harold, Dedham, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Heat exchange unit. 2,184,837; Dec. 26.
Hemming, Harold, Dedham, and C. E. Sweet, Mattapan, assignors to B. F. Sturtevant Company, Boston, Mass. Air conditioning system for passenger vehicles. 2,158,966; May 16.
Hemmingson, Alfred, Cambridge, assignor to Waltham Watch Company, Waltham, Mass. Resetting means for counters. 2,144,373; Jan. 17.
Hempel, Herbert, Essex, assignor to Gorton-Pew Fisheries Company, Ltd., Gloucester, Mass. Treating fish livers. 2,156,985; May 2.
Hempel, Richard W., North Tonawanda, N. Y. Hook and eye fastening. 2,145,444; Jan. 31.
Hempel, Richard W., North Tonawanda, N. Y. Latch for fastenings. 2,154,936; Apr. 18.
Hemphill Company. (See Lawson, John and R. H., assignors.)
Hemphill Company. (See Lawson, Robert H., assignor.)
Hemphill Company. (See Lawson, R. H.. and Armitage, assignors.)
Hemphill Company. (See Lawson, R. H., and Cloutier, assignors.)
Hemphill Company. (See Lawson, R. H., and Gagne, assignors.)
Hemphill Company. (See Lawson, R. H., and Green, assignors.)
Hemphill Company. (See Lawson, R. H., Green, and Cloutier, assignors.)
Hemphill Company. (See Lawson, R. H., and Smith, assignors.)
Hemphill, James W., Friday Harbor, Wash. Pick-up and stripping device for harvesters. 2,178,204; Oct. 31.
Hemphill, Lawrence F., Fort Wayne, Ind., assignor to General Electric Company. Electric circuit. 2,184,344; Dec. 26.
Henard, Marion E., Lamar, Colo. Flash boiler. 2,178,039; Oct. 31.
Henchert, John. (See Fenn, J. F., and Henchert.)
Hendee, Edward F., (See Dreyer, Edwin H., assignor.)
Hendershot, Robert F., Arlington, and E. R. Hughes, Morristown, N. J. Electric grill. 2,151,105; Mar. 21.
Hendershott, Silas J., and B. Coleman, Detroit, Mich. Stoker. 2,177,179; Oct. 24.
Henderson, Albert, assignor to W. P. Witherow, Pittsburgh, Pa. Drainage system for basement walls. 2,147,035; Feb. 14.
Henderson, Albert, Edgewood, assignor to W. P. Witherow, Pittsburgh, Pa. Building block. 2,151,468; Mar. 21.
Henderson, Albert, assignor to W. P. Witherow, Pittsburgh, Pa. Steel construction. 2,152,189; Mar. 28.
Henderson, Albert, assignor to W. P. Witherow, Pittsburgh, Pa. Composite block. 2,152,190; Mar. 28.
Henderson, Albert, Edgewood, assignor to W. P. Witherow, Pittsburgh, Pa. Step. 2,153,017; Apr. 4.
Henderson, Albert, assignor to W. P. Witherow, Pittsburgh, Pa. Step construction. 2,154,937; Apr. 18.
Henderson, Albert, assignor to W. P. Witherow, Pittsburgh, Pa. Drain for foundation walls. 2,157,290; May 9.
Henderson, Albert, assignor to W. P. Witherow, Pittsburgh, Pa. Building member and construction. 2,171,338; Aug. 29.
Henderson, Albert, Edgewood, assignor to W. P. Witherow, Pittsburgh, Pa. Sidewalk, floor, or roadway construction. 2,174,035; Sept. 26.
Henderson, Albert, assignor to W. P. Witherow, Pittsburgh, Pa. Retaining wall for basement windows. 2,174,036; Sept. 26.
Henderson, Albert, Edgewood, assignor to W. P. Witherow, Pittsburgh, Pa. Material handling apparatus. 2,177,525; Oct. 24.
Henderson, Albert, Edgewood Borough, assignor to William P. Witherow, Pittsburgh, Pa. Apparatus for making perforated angle bars. 2,183,018; Dec. 12.
Henderson, Albert, assignor to W. P. Witherow, Pittsburgh, Pa. Retaining wall. 2,184,974; Dec. 26.
Henderson, Albert E., Albany, Ga., assignor, by mesne assignments, to Henderson, Inc. Peanut harvester. 2,167,044; July 25.
Henderson, Angus D., Flushing, N. Y., assignor to A. W. Ross, Upper Montclair, N. J. Photosensitive measuring instrument. 2,149,735; Mar. 7.
Henderson, Charles J., Yazoo City, Miss. Display apparatus. 2,144,407; Jan. 17.
Henderson, Charles L., Appleton, Wis., assignor, by mesne assignments, to Standard Process Corporation, Chicago, Ill. Fountain doctor. 2,151,968; Mar. 28.
Henderson, Charles L., Appleton, Wis., assignor to Standard Process Corporation, Chicago, Ill. Inking apparatus and method. 2,151,969; Mar. 28.
Henderson, Charles L., Appleton, assignor to Paper Patents Company, Neenah, Wis. Scanning machine. 2,153,186; Apr. 4.
Henderson, Charles L., Appleton, assignor to Paper Patents Company, Neenah, Wis. Transfer machine. 2,170,895; Aug. 29.
Henderson, Charles L., Appleton, assignor to Paper Patents Company, Neenah, Wis. Transfer machine. 2,170,896; Aug. 29.
Henderson, Charles L., Appleton, assignor to Paper Patents Company, Neenah, Wis. Photogravure printing plate and method of and apparatus for producing the same. 2,182,559; Dec. 5.
Henderson, Charles R. (See Lochhead, Elmer C., assignor.)
Henderson, Douglas, Dallas, Tex. Ice tongs. 2,177,038; Oct. 24.
Henderson, Edward E., and D. O. Meeker, assignors, by mesne assignments, to Cutasy Laboratories, Inc., New York, N. Y. Perspiration accelerator. 2,180,280; Nov. 14.
Henderson, Eldon C., Paso Robles, Calif. Tire air pressure switch. 2,182,895; Dec. 12.
Henderson, Elting, Huntington Park, J. B. Reddick, Los Angeles, and B. M. Laulhere, Walnut Park, assignors to The Fluor Corporation, Ltd., Los Angeles, Calif. Separator. 2,167,839; Aug. 1.
Henderson, Forest L., Stamford, Conn., assignor to All America Cables, Incorporated, New York, N. Y. System and method of code telegraph signaling. 2,161,294; June 6.
Henderson, Forest L., Stamford, Conn., assignor to All America Cables, Incorporated, New York, N. Y. Multiple channel telegraph system. 2,164,920; July 4.
Henderson, Irwin R., Charleston, W. Va. Cement sprayer. 2,154,308; Apr. 11.
Henderson, Inc. (See Henderson. Albert E., assignor.)
Henderson, James W., Park of Edgewater, assignor to himself and R. Hallensleben, Beechhurst, N. Y., jointly. Photographic apparatus. 2,148,620; Feb. 28.
Henderson, Krieger W., assignor of one-half to R. B. Davenport, Jr., Chattanooga, Tenn. Refrigerating apparatus. 2,180,237; Nov. 14.
Henderson, Quintin M., Kearny, N. J., assignor to United States Steel Corporation, New York, N. Y. Extensometer device. 2,183,909; Dec. 19.
Henderson, Roy A., West Collingswood, and V. D. Hauck, Merchantville, N. J., assignors to Radio Corporation of America. Protective system and apparatus for discharge tubes. 2,166,685; July 18.
Henderson, Roy C., St. Louis, Mo., assignor of fifty-one one hundredths to I. J. McGuire, Dolgeville, N. Y. Golf gripping. 2,145,600; Jan. 31.
Henderson, Thomas A., Mart, Tex. Cooking and heating stove. 2,144,291; Jan. 17.
Henderson, Thomas G. (See Barber, Frank, assignor.)
Henderson, William S. (See Falk, H. W., and Henderson.)
Hendra, William S., New Bedford, Mass. Torpedo guard. 2,142,751; Jan. 3.
Hendrey, Waldersee B., Beacon, assignor to The Texas Company, New York, N. Y. Sulphurized lubricant. 2,147,578; Feb. 14.
Hendrey, Waldersee B., Beacon, assignor to The Texas Company, New York, N. Y. Solvent refining and dewaxing hydrocarbon oil. 2,161,572; June 6.
Hendrey, Waldersee B., and E. C. Knowles, Beacon, assignors to The Texas Company, New York, N. Y. Dewaxing mineral oil. 2,150,547; Mar. 14.

Hendrick, John V., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Bearing. 2,159,327; May 23.
Hendrick Manufacturing Company. (See Blackburn, Daniel M., assignor.)
Hendricks, Walter H., assignor to Wm. B. Scaife and Sons Company, Oakmont, Pa. Valve. 2,153,559; Apr. 11.
Hendrickson, Hugh H., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Railway car vestibule diaphragm. 2,169,694; Aug. 15.
Hendrickson, Leonard H., Kalamazoo, Mich. Auto signal. 2,147,404; Feb. 14.
Hendrickson, Niels E. (See Figgie, H. E., and Hendrickson.)
Hendrickson, Niels E., assignor to The Mather Spring Company, Toledo, Ohio. Load cushioning. 2,150,622; Mar. 14.
Hendrickson, Niels E., assignor to The Mather Spring Company, Toledo, Ohio. Spring terminal reinforcement. 2,163,875; June 27.
Hendrickson, Ralph E., Fullerton, assignor to Lane-Wells Company, Los Angeles, Calif. Well surveying instrument. 2,167,071; July 25.
Hendrickson, Ralph E., Fullerton, assignor to Lane-Wells Company, Los Angeles, Calif. Well surveying device. 2,167,072; July 25.
Hendrickson, Severine. (See Stinson, G., and Hendrickson.)
Hendrie, George S., Grosse Pointe Farms, assignor to Detroit Macoid Corporation, Detroit, Mich. Rubber steering wheel. 2,155,488; Apr. 25.
Hendrix, Ella O., executrix. (See Hendrix, Granville L.)
Hendrix, Granville L., deceased; E. O. Hendrix, executrix, Santa Rosa, Calif. Clothes hanger. 2,149,674; Mar. 7.
Hendrix, Granville L., deceased, by E. O. Hendrix, executrix, Santa Rosa, Calif. Size divider for garments. 2,176,713; Oct. 17.
Hendrix, Nathan A., Reno, Nev. Safety hook. 2,184,812; Dec. 26.
Hendry, William A. (See Carmack, Arthur F., assignor.)
Hendschel, Albert. (See Heisel, P., and Hendschel.)
Henecka, Hans, Wuppertal-Elberfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Derivatives of phenanthroline and preparing the same. 2,163,946; June 27.
Henke, Clyde O., Wilmington, Del., and R. G. Benner, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of mono nitrated alkoxy benzenes. 2,164,154; June 27.
Henke, Clyde O., Wilmington, Del., and J. L. Richmond, Woodstown, N. J., assignors to E. I. du Pont de Nemours and Company, Wilmington, Del. Sulphated acyloins and producing them. 2,174,127; Sept. 26.
Henke, Clyde O., Wilmington, Del., W. A. Douglass, Penns Grove, and R. G. Benner, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenating mono nitrated phenols. 2,183,019; Dec. 12.
Henkel & Cie. (See Köhler, Rüdolf, assignor.)
Henkel & Cie., G. m. b. H. (See Hentrich, W., and Köhler, assignors.)
Henkel & Cie. G. m. b. H. (See Hentrich, W., Köhler, and Schlegel, assignors.)
Henkel & Cie. G. m. b. H. (See Hentrich, W., Lainau, and Kaiser, assignors.)
Henkel & Cie. G. m. b. H. (See Hentrich, W., and Schlegel, assignors.)
Henkel & Cie G. m. b. H. (See Lind, Otto, assignor.)
Henkel & Cie G. m. b. H. (See Reuss, W., and von und zu Guttenberg, assignors.)
Henkel & Cie, Gesellschaft mit beschrankter Haftung. (See von und zu Guttenberg, F. H., and Köhler, assignors.)
Henkel, Gerhard. (See Sauer, H., Henkel, and Bartels.)
Henkel, Hermann. (See Heyner, W., and Henkel.)
Henkes, Peter M., assignor to George Gorton Machine Co., Racine, Wis. Three dimensional engraving and allied pantograph machine. 2,161,709; June 6.
Henley Extrusion Machine Company. (See Dunsheath, Percy, assignor.)
Henley Extrusion Machine Company Limited. (See Dunsheath, Percy, assignor.)
Henley, John C., et al. (See Dudenhofen, John J., assignor.)
Henley's, W. T., Telegraph Works Company Limited. (See Dunsheath, Percy, assignor.)
Henne, Isabelle, Brooklyn, N. Y. Dental floss throwaway unit and making same. 2,180,522; Nov. 21.
Henneberg, Walter, Berlin-Charlottenburg, assignor to Allgemeine Elektricitatz Gesellschaft, Friedrick Karl, Berlin, Germany. Electron optics. 2,161,466; June 6.
Henneberg, Walter, and A. Recknagel, assignors to Allgemeine Elektricitats Gesellschaft, Berlin, Germany. Electron device. 2,163,787; June 27.
Henneberg, Walter, Berlin-Reinickendorf, and A. Recknagel, Berlin, assignors to Allgemeine Elektricitats-Gesellschaft Friedrich Karl, Berlin, Germany. Electrode structure. 2,182,869; Dec. 12.
Hennefer, Fred L., Salt Lake City, Utah. Eraser cleaner. 2,163,788; June 27.
Henneman, Gustave J., Becker, Minn. Dental burr guard. 2,176,339; Oct. 17.
Hennessy, Daniel E., Petersham, assignor to Lewis-Shepard Company, Watertown, Mass. Elevating truck. 2,152,849; Apr. 4.
Hennessy, Daniel E., Petersham, assignor to Lewis-Shepard Company, Watertown, Mass. Multiple lift elevating truck. 2,152,850; Apr. 4.
Hennessy, Daniel E., Leominster, assignor to Springfield Wire & Tinsel Co., West Springfield, Mass. Method and apparatus for coiling wire. 2,176,872; Oct. 24.
Hennessy, James J., New York, N. Y. Journal lubricator. 2,162,383; June 13.
Hennessy, James J., New York, N. Y. Journal lubricator. 2,178,754; Nov. 7.
Hennessy, James J., Montclair, N. J. Railway journal lubricator. 2,178,891; Nov. 7.
Hennessy, James J., Montclair, N. J. Railway journal lubricator. 2,182,205; Dec. 5.
Hennessy, John B., San Francisco, Calif. Pipe and valve for controlling the flow of fluid therethrough. 2,182,724; Dec. 5.
Hennessy, Joseph F. (See Morea, B., and Hennessy.)
Hennessy, Mark M., assignor to Durant Manufacturing Company, Milwaukee, Wis. Counter assembly and shifter mechanism. 2,144,152; Jan. 17.
Hennessy, Walter J., San Francisco, Calif., assignor to Johns-Manville Corporation, New York, N. Y. Threshold plate and assembly. 2,147,700; Feb. 21.
Henney, Charles F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,158,367; May 16.
Henney, Charles F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,160,733; May 30.
Henney, Charles F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,166,906; July 18.
Henney Motor Company. (See Runkle, George L., assignor.)
Henney Motor Company. (See Schofield, Earl L., assignor.)
Hennicke, Carl R., assignor to Eberhard Manufacturing Company, Division of the Eastern Malleable Iron Company, Cleveland, Ohio. Catch mechanism. 2,159,895; May 23.
Hennig, Bruno, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of carbon tetrachloride. 2,160,574; May 30.
Hennig, Karl, Rosslau in Anhalt, assignor to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Manufacture of unsaturated fatty acids. 2,159,700; May 23.
Hennig, Paul A., et al. (See Schupp, Wilhelm, assignor.)
Henning, Edward E., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle door lock. 2,145,982; Feb. 7.
Henning, Dr. Georg. Chem. pharm. Werk G. m. b. H. (See Ostern, Pawel, assignor.)
Henning, Otto, Detroit, Mich., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,144,153; Jan. 17.
Henning, Otto, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor for internal combustion engines. 2,156,390; May 2.
Henning, Warren K., Plano, Ill., assignor to Hugh H. Eby Inc., Philadelphia, Pa. Socket. Re. 21,247; Oct. 24.
Henning, William, and M. A. Bursack, Fargo, N. Dak., and C. Loeb, Chicago, Ill. Optical instrument. 2,152,050; Mar. 28.
Hennings, Gustav, Mount Vernon, assignor to Cartier, Inc., New York, N. Y. Cigarette or cigar holder. 2,149,523; Mar. 7.
Hennings, Raymond A., New Orleans, La. Volume indicator. 2,158,936; May 16.
Hennings, Raymond A., New Orleans, La. Beverage and liquid dispenser. 2,168,211; Aug. 1.
Henny Motor Company. (See Schofield, Earl L., assignor.)
Henrici, Fritz W. A., Milton, Mass. Goods treating machine and unloading means therefor. 2,183,910; Dec. 19.
Henrick Manufacturing Company. (See Colville, Kenneth H., assignor.)
Henriksen, Alfred. (See Lincoln, B. H., and Henriksen.)
Henriksen, Alfred. (See Lincoln, B. H., Steiner, and Henriksen.)
Henriksen, Alfred, and B. H. Lincoln, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating oil. 2,172,382; Sept. 12.
Henriksen, Bjarne, North Bergen, N. J., assignor to Sedgwick Machine Works, Incorporated, Poughkeepsie, N. Y. Elevator safety device. 2,180,825; Nov. 21.
Henriksen, Ellen M., administratrix. (See Lincoln, B. H., Steiner, and Henriksen.)
Henriksen, Ernst J. J., Copenhagen, Denmark. Self-winding recording device. 2,160,734; May 30.
Henriksen, Ernst J. J., Copenhagen, Denmark. Support for self-winding recording devices. 2,175,524; Oct. 10.
Henriksen, Henry, Minneapolis, Minn. Art work. 2,184,121; Dec. 19.
Henrikson, William. (See Current, I. B., and Henrikson.)
Henriod, Charles E., Areuse, Switzerland. Automatic change speed gear. 2,155,132; Apr. 18.
Henriot, Floyd F., Klamath Falls, Oreg., assignor to B. F. W. Heyer, Tenafly, N. J. Battery testing clip. 2,142,314; Jan. 3.

Henriques, Hilary J. (See McKittrick, D. S., and Henriques.)
Henriquez, Vivian C. (See Tellegen, B. D. H., Peek, Hepp, and Henriquez.)
Henrite Products Corporation. (See Loftis, Homer J., assignor.)
Henroteau, François C. P., Ottawa, Ontario, Canada, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Television. 2,146,822; Feb. 14.
Henroteau, Francois C. P., Esneux, Liege, Belgium, assignor to Radio Corporation of America, New York, N. Y. Electrical image transmission. 2,164,520; July 4.
Henry, Abner E., Greensburg, Pa. Umbrella. 2,164,242; June 27.
Henry, Abner E., Greensburg, Pa. Cutting implement. 2,178,790; Nov. 7.
Henry, Albert R., Salina, and M. C. Wills, Topeka, Kans. Snow plow. 2,163,279; June 20.
Henry, Alexander D. (See Lee, F. T., and Henry.)
Henry, Carle D. (See Soule, G. C., and Henry.)
Henry, Charles L., assignor to Lee C. Moore & Company, Inc., Pittsburgh, Pa. Chain adjuster. 2,166,406; July 18.
Henry, Donald E. (See Rentschler, H. C., and Henry.)
Henry, Donald J. (See Clements, F. O., Terry, and Henry.)
Henry, Edward A., Joplin, Mo. Crushing machine. 2,161,573; June 6.
Henry, Ernest W., Battle Creek, Mich., and T. H. Everett, Canton, Ohio. Supporting and elevating automobiles in freight cars. 2,164,456; July 4.
Henry, Ernest W., Battle Creek, Mich. Chain holding device. 2,165,377; July 11.
Henry, Francois J. G., Saint Loup, France. Hydraulic clutch and power transmission device. 2,182,049; Dec. 5.
Henry, Frederick G., New York, N. Y. Container. 2,184,799; Dec. 26.
Henry, Guy J., Chicago, Ill. Coupling structure. 2,183,614; Dec. 19.
Henry, Harold T., New York, N. Y. Grate construction. 2,149,259; Mar. 7.
Henry, Harry H., assignor to Battery Patents Corporation, Chicago, Ill. Bicycle frame. 2,153,249; Apr. 4.
Henry, Harry H., assignor to Battery Patents Corporation, Chicago, Ill. Tubing. 2,178,935; Nov. 7.
Henry, Harry N., South Fort Mitchell, assignor to The Kelley-Koett Manufacturing Company, Inc., Covington, Ky. Slide support for X-ray heads. 2,182,985; Dec. 12.
Henry, James Y., Greenfield, N. H. Picture building apparatus. 2,176,797; Oct. 17.
Henry, Nelson B., Columbus, Ga. Variable speed transmission. 2,149,675; Mar. 7.
Henry, Raymond. (See Shipmen, Frank S., assignor.)
Henry, Remmel E., Houston, Tex. Pipe coating machine. 2,175,392; Oct. 10.
Henry, Sidney, New York, N. Y. Hair net. 2,183,963; Dec. 19.
Henschel Corporation. (See Mead, Samuel N., assignor.)
Henschel Flugzeng-Werke A. G. (See Oeckl, L., and Müller, assignors.)
Henschler, Ewald, Blue Island, Ill. Lavatory device. 2,167,152; July 25.
Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric contact material. 2,145,690; Jan. 31.
Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Metallic composition. 2,159,763; May 23.
Hensel, Franz R., assignor to P. R. Mallory & Co. Inc., Indianapolis, Ind. High resistance electrode. 2,160,659; May 30.
Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Magnet material. 2,167,240; July 25.
Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric contacting element. 2,180,956; Nov. 21.
Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Metal composition. 2,180,984; Nov. 21.
Hensel, Franz R., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Cadmium composition. 2,182,380; Dec. 5.
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper alloy. 2,142,671; Jan. 3.
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper base alloy. 2,142,672; Jan. 3.
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Brazing solder. 2,142,673; Jan. 3.
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper-silver-beryllium-nickel alloy. 2,143,914; Jan. 17.
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Contacting element. 2,145,792; Jan. 31.
Hensel, Franz R., and K. L. Emmert, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Silver-indium contact. 2,157,933; May 9.
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co. Inc., Indianapolis, Ind. Copper-magnesium alloys of improved properties. 2,157,934; May 9.
Hensel, Franz R., and K. L. Emmert, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Refractory metal compositions. 2,157,935; May 9.
Hensel, Franz R., and K. L. Emmert, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Refractory metal compositions. 2,157,936; May 9.
Hensel, Franz R., and K. L. Emmert, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Silver contact. 2,161,253; June 6.
Hensel, Franz R., and K. L. Emmert, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Silver-magnesium contact. 2,161,254; June 6.
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Alloy. 2,161,467; June 6.
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper base alloy. 2,161,468; June 6.
Hensel, Franz R., K. L. Emmert, and J. W. Wiggs, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Silver alloy. 2,161,574; June 6.
Hensel, Franz R., K. L. Emmert, and J. W. Wiggs, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Silver alloy. 2,161,575; June 6.
Hensel, Franz R., K. L. Emmert, and J. W. Wiggs, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Silver base alloy. 2,161,576; June 6.
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper chromium magnesium alloy. 2,164,065; June 27.
Hensel, Franz R., and K. L. Emmert, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electrical contacting element. 2,166,248; July 18.
Hensel, Franz R., and K. L. Emmert, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electrical make and break contacts. 2,165,481; July 11.
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Alloy. 2,171,697; Sept. 5.
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper alloy. 2,173,254; Sept. 19.
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Copper alloy. 2,178,992; Nov. 7.
Hensel, Franz R., and E. F. Swazy, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric contact. 2,180,826; Nov. 21.
Hensel, Franz R., and K. L. Emmert, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric contacting element. 2,180,827; Nov. 21
Hensel, Franz R., and K. L. Emmert, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electrical make and break contact. 2,180,845; Nov. 21.
Hensel, Franz R., and E. I. Larsen, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Contacting element. 2,182,381; Dec. 5.
Hensler, Bernard A. (See Humphries, H. E., and Hensler.)
Hensler, Bernard A., assignor to Siemens Brothers & Company Limited, London, England. Telephone system. 2,153,306; Apr. 4.
Hensler, Bernard A., and H. E. Humphries, assignors to Siemens Brothers & Company Limited, London, England. Telephone system. 2,176,340; Oct. 17.
Hensoldt, Hans, Wetzler, Germany. Prism system. 2,161,623; June 6.
Henst, Jan V., Houston, Tex., assignor to Gulf Oil Corporation, Pittsburgh, Pa. Apparatus for reclaiming drilling fluids. 2,142,270; Jan. 3.
Hentrich, Winfrid, Dusseldorf-Reisholz, and R. Köhler, Dusseldorf, assignors to Henkel & Cie., G. m. b. H., Dusseldorf-Halthausen, Germany. Adhesive. 2,145,303; Jan. 31.
Hentrich, Winfrid, Dusseldorf-Reisholz, and R. Köhler and F. Schlegel, Dusseldorf, assignors to Henkel & Cie. G. m. b. H., Dusseldorf-Halthausen, Germany. Adhesive. 2,148,554; Feb. 28.
Hentrich, Winfrid, Dusseldorf-Reisholz, and C. A. Lainau and W. J. Kaiser, Dusseldorf, A. Bartholomaus, administrator of said C. A. Lainau, deceased, assignors to Henkel & Cie. G. m. b. H., Dusseldorf-Holthausen, Germany. Production of higher molecular alcohols. 2,151,106; Mar. 21.
Hentrich, Winfrid, Dusseldorf-Reisholz, and R. Köhler, Dusseldorf, assignors to Henkel & Cie., G. m. b. H., Dusseldorf-Holthausen, Germany. Adhesive. 2,164,585; July 4.
Hentrich, Winfrid, Dusseldorf-Reisholz, and F. Schlegel, Dusseldorf, assignors to Henkel & Cie. G. m. b. H., Dusseldorf-Holthausen, Germany. Production of phenolic-formaldehyde resins. 2,175,393; Oct. 10.
Henton, Alec O., and A. F. Drewett, assignors to Erle Resistor Limited, London, England. Rheostat. 2,155,309; Apr. 18.
Henze, Hubert A., Wood-Ridge, N. J. Measuring instrument. 2,180,588; Nov. 21.
Henzi, Ernst A. (See Mayer, B., and Henzi.)
Hepburn, William M., Ottawa Hills, and T. W. Munford, assignors to Surface Combustion Corporation, Toledo, Ohio. Heating apparatus. 2,148,466; Feb. 28.

Hepler, B. E. (See Diescher, Alfred J., assignor.)
Hepp, Anthony J., and R. A. Feind, Chicago, Ill. Railroad refrigerator car. 2,166,867; July 18.
Hepp, Gerard. (See Tellegen, B. D. H., Peek, Hepp, and Henriquez.)
Heppes, George P. (See Fawkes, C. E., and Heppes.)
Hepworth, Bert H., Phoenix, Ariz. Venetian blind. 2,167,840; Aug. 1.
Heraeus-Vacuumschmelze, A. G. (See Gruber, Herbert, assignor.)
Heraeus-Vacuumschmelse, A. G. (See Hessenbruch, Werner, assignor.)
Heraeus-Vacuumschmelze A. G. (See Rohn, W., and Hessenbruch, assignors.)
Heraeus, W. C., G. m. b. H. (See Bruning, Hans, assignor.)
Herb, Adolph F., assignor to Miller Printing Machinery Co., Pittsurgh, Pa. Bearing for press beds. 2,142,974; Jan. 3.
Herb, Ferdinand, assignor to Arnold Joerns, Chicago, Ill. Process to make alpha naphthol soluble in water. 2,171,555; Sept. 5.
Herber, Leondard, Rochester, Minn. Butter cutting machine. 2,170,685; Aug. 22.
Herbers, Joseph G. (See Freeman, B. W., and Herbers.)
Herbsman, Abraham M., Huntington Park, assignor to Industrial Patents, Ltd., Los Angeles, Calif. Treating inorganic mineral slimes in oil wells. 2,172,083; Sept. 5.
Herbert, Alfred, Limited. (See Lloyd, Arthur H., assignor.)
Herbert, Fred W. (See Hoglund, O. K., and Herbert.)
Herbert, Robert B., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Automatic control for tabulating machines. 2,153,187; Apr. 4.
Herbrand Corporation, The. (See Heschel, Eugene A., assignor.)
Herbst, Donald F., Milwaukee, Wis. Underbody for shoes. 2,154,241; Apr. 11.
Herbst, Hans, Munich, Germany. Permutation lock. 2,160,698; May 30.
Herbst, Max, Mannhiem-Rheinau, and W. Frankenburger, Ludwigshafen, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Gelatin relief. 2,181,485; Nov. 28.
Herbst, Philip J., Bayside, N. Y., assignor to Hazeltine Corporation. Television signal reproducing tube. 2,169,838; Aug. 15.
Herchenrider, Henry R., Pittsburgh, Pa., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Roll for grinding and polishing. 2,145,418; Jan. 31.
Herchenrider, Henry R., Pittsburgh, Pa., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Method of and apparatus for grinding and polishing. 2,162,279; June 13.
Hercules Motors Corporation. (See Treiber, Otis D., assignor.)
Hercules Oil Well Shooting Company. (See Van Meter, James W., assignor.)
Hercules Powder Company. (See Allison, Elton R., assignor.)
Hercules Powder Company. (See Babcock, Leon W., assignor.)
Hercules Powder Company. (See Ball, Alpheus M., assignor.)
Hercules Powder Company. (See Billing, Wyly M., assignor.)
Hercules Powder Company. (See Bishop, William T., assignor.)
Hercules Powder Company. (See Borglin, Joseph N., assignor.)
Hercules Powder Company. (See Bowlby, W. D., and Little, assignors.)
Hercules Powder Company. (See Byrkit, Rollin J., Jr., assignor.)
Hercules Powder Company. (See Cairns, Robert W., assignor.)
Hercules Powder Company. (See Crater, Willard D., assignor.)
Hercules Powder Company. (See De Bell, John M., assignor.)
Hercules Powder Company. (See Dreshfield, Arthur C., assignor.)
Hercules Powder Company. (See Finlayson, Alexander S., assignor.)
Hercules Powder Company. (See Giggam, David R., assignor.)
Hercules Powder Company. (See Gloor, Walter E., assignor.)
Hercules Powder Company. (See Goodyear, Ellsworth S., assignor.)
Hercules Powder Company. (See Humphrey, Irvin W., assignor.)
Hercules Powder Company. (See Klinger, Harry W., assignor.)
Hercules Powder Company. (See Landon, George K., assignor.)
Hercules Powder Company. (See Little, Julius G., assignor.)
Hercules Powder Company. (See Littmann, Edwin R., assignor.)
Hercules Powder Company. (See Maters, C., and Riemersma, assignors.)
Hercules Powder Company. (See Mayfield, Evart E., assignor.)
Hercules Powder Company. (See Morrow, Donald G., assignor.)
Hercules Powder Company. (See Osterhof, Arthur L., assignor.)
Hercules Powder Company. (See Ott, Emil, assignor.)
Hercules Powder Company. (See Rummelsburg, Alfred L., assignor.)
Hercules Powder Company. (See Schnorf, Paul, assignor.)
Hercules Powder Company. (See Shankweiler, Fred K., assignor.)
Hercules Powder Company. (See Shapleigh, James H., assignor.)
Hercules Powder Company. (See Sheffield, Donald H., assignor.)
Hercules Powder Company. (See Spellacy, John R., assignor.)
Hercules Powder Company. (See Stern, Raphael L., assignor.)
Hercules Powder Company. (See Stevenson, William H., assignor.)
Hercules Powder Company. (See Stoops, Buren I., assignor.)
Hercules Powder Company. (See Thompson, Friar M., Jr.)
Hercules Powder Company. (See Tinsley, John S., assignor.)
Hercules Powder Company. (See Trowell, William W., assignor.)
Hercules Powder Company. (See Troxler, Bernhart, assignor.)
Hercules Steel Products Company. (See Ekin, Hursel L., assignor.)
Hereford, Gerald P., Ferguson, Mo. Card rack. 2,152,692; Apr. 4.
Heres, Martin, Elmhurst, assignor to Eppens, Smith Company, Inc., New York, N. Y. Container forming mechanism. 2,179,742; Nov. 14.
Herfort, Herman J., Wayne Township, Passaic County, N. J. Desk ledge. 2,176,178; Oct. 17.
Herfurth, Charles, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Grinding machine. 2,164,875; July 4.
Herfurth, Charles, and K. T. Schledorn, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Cambering mechanism for grinding machines. 2,167,948; Aug. 1.
Herfurth, Charles, assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Truing attachment. 2,170,304; Aug. 22.
Hergenrother, Rudolf C. (See Lewis, H. M., and Hergenrother.)
Hergenrother, Rudolf C., Beechhurst, N. Y., assignor to Hazeltine Corporation. Cathode-ray tube system. 2,174,580; Oct. 3.
Hergert, Winfield D., assignor to San Juan Fishing and Packing Company, Seattle, Wash. Frozen food product and ice glazing same. 2,145,393; Jan. 31.
Hering, Alfred, New York, N. Y. Heating system regulator. 2,177,388; Oct. 24.
Hering, Edward, Beverly, assignor to United States Pipe and Foundry Company, Burlington, N. J. Flexible pipe joint. 2,165,051; July 4.
Hering, Edward, Beverly, assignor to United States Pipe and Foundry Company, Burlington, N. J. Flexible pipe joint. 2,165,052; July 4.
Hering, Edward, Beverly, assignor to United States Pipe and Foundry Company, Burlington, N. J. Reinforced concrete pipe. 2,179,629; Nov. 14.
Hering, Ewald, Berlin-Siemensstadt, Germany. Change speed gear. 2,149,020; Feb. 28.
Herington, Cecil F., Bellevue, assignor to Amco, Incorporated, Pittsburgh, Pa. Twin annealing oven. 2.173.586; Sept. 19.
Herlihy, John J., et al. (See Thurston, Charles A., assignor.)
Herlihy, John W., et al. (See Thurston, Charles A., assignor.)
Herlihy, Wm. W., et al. (See Thurston, Charles A., assignor.)
Herline, George, Saginaw, Mich. Adjustable ladder step. 2,182,475; Dec. 5.
Herly, Jack, et al. (See Neesen, O., and Siess, assignors.)
Herman, Albert, New York, N. Y. Suction sweeper and mop. 2,159,211; May 23.
Herman, Boris S., et al. (See Booharin, Leo Y., assignor.)
Herman, Carl S., Columbus, Ohio. Angling service. 2,145,929; Feb. 7.
Herman, Clifton E., Columbus, Ohio. Refrigerator. 2,183,678; Dec. 19.
Herman, Dean A., Fort Sill, Okla. Phonographic time announcer. 2,144,625; Jan. 24.
Herman, Dock F., and J. Nordenhaug, Vinton, Va. Freezing machine. 2,179,039; Nov. 7.
Herman, Frances. (See Herman, Sidney E., assignor.)
Herman, Joseph L., Peoria, Ill. Apparatus for coating metallic materials. 2,166,249; July 18.
Herman, Joseph L., Peoria, Ill. Coating metallic materials. 2,166,250; July 18.
Herman, Joseph L., Peoria, Ill. Apparatus for coating metallic materials. 2,166,251; July 18.

Herman, Kenneth R., and H. F. Vickers, assignors to Vickers, Incorporated, Detroit, Mich. Machine tool speed control. 2,150,032; Mar. 7.
Herman, Leo, et al. (See Booharin, Leo Y., assignor.)
Herman, Louis J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,165,260; July 11.
Herman Pneumatic Machine Company. (See Plassmeyer, Louis D., assignor.)
Herman, Sidney E., Hollywood, Calif., assignor to F. Herman. Garment hanger. 2,168,647; Aug. 8.
Herman, William E. (See Rickenbach, H. C., and Herman.)
Hermann, Benjamin R., Lanesborough, Mass., assignor to General Electric Company. Electric disconnect device. 2,146,577; Feb. 7.
Hermann, Benjamin R., Lanesborough, Mass., assignor to General Electric Company. Electric switching device and mounting means therefor. 2,163,398; June 20.
Hermann, Dietrich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electrical wave generator. 2,181,328; Nov. 28.
Hermann, Earnest T., El Segundo, Calif. Apparatus for producing sized ceramic particles. 2,172,638; Sept. 12.
Hermann, Earnest T., El Segundo, Calif. Forming lightweight fluid pervious ceramic bodies. 2,180,757; Nov. 21.
Hermann, Hans. (See Bockmühl, M., and Hermann.)
Hermann, Otto L., assignor to Buxton & Skinner Printing & Stationery Company, St. Louis, Mo. Combined leaf holder and bookmark. 2,156,944; May 2.
Hermann, Theodor. (See Stotter, H., and Hermann.)
Hermanspann, Paul, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Direction finder. 2,170,860; Aug. 29.
Hermsdorf, Walter H., assignar, by mesne assignments, to Chain Store Products Corporation, Chicago, Ill. Float chamber. 2,143,878; Jan. 17.
Hermsdorf, Walter H., assignor, by mesne assignments, to Chain Store Products Corporation, Chicago, Ill. Generating combustible gas. 2,145,874; Feb. 7.
Hermsen, Wilhelmus, and F. J. Delves, Paris, France. Making an alloy. 2,184,716; Dec. 26.
Hermson, John H. (See Pierce, H. M., and Hermson.)
Hermson, John H. (See Pierce, H. M., Hermson, and Thorkelson.)
Hernández, José D., Guadalajara, Mexico. Nail making machine. 2,155,310; Apr. 18.
Herndon, Gray, Springfield, Ill. Furnace. 2,175,525; Oct. 10.
Herndon, Joyce A. (See Davis, Zack T., assignor.)
Herndon, Walter B., assignor to General Motors Corporation, Detroit, Mich. Transmission interlock. 2,153,085; Apr. 4.
Hernes, Guttorm. (See Engholm, T. H., and Hernes.)
Herodes, Vincent, and E. Janes, Chicago, Ill. Flush tank moisture collection device. 2,180,902; Nov. 21.
Herold, Edward W., Verona, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,146,016; Feb. 7.
Herold, James L., assignor to Barry-Wehmiller Machinery Company, St. Louis, Mo. Machine for feeding receptacles. 2,144,761; Jan. 24.
Herold, James L., assignor to Barry-Wehmiller Machinery Company, St. Louis, Mo. Driving device and controlling the flow of fluids therein. 2,156,497; May 2.
Herold, Lawrence C., Lakewood, Ohio. Wide brush section. 2,167,949; Aug. 1.
Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Chair and adjustable back support therefor. 2,147,439; Feb. 14.
Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Protective metal beading for furniture or the like. 2,149,089; Feb. 28.
Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Posture chair. 2,153,327; Apr. 4
Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Caster. 2,155,826; Apr. 25.
Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Caster. 2,155,827; Apr. 25.
Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Caster. 2,155,828; Apr. 25.
Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Slide, caster, or the like for furniture. 2,155,829; Apr. 25.
Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Tilting mechanism, especially for chairs. 2,167,508; July 25.
Herold, Walter F., assignor to The Bassick Company, Bridgeport, Conn. Height adjustment support for chair backs. 2,168,620; Aug. 8.
Herold, Walter F., assignor to The Bassick Company. Bridgeport, Conn. Cushion slide for furniture. 2,169,145; Aug. 8.
Héron, Amédée, Paris, France, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Key sender. 2,172,579; Sept. 12.
Herpen & Vorkauf. (See Vorkauf, Heinrich, assignor.)
Herr, Adam, assignor of one-half to J. Herr, Sheboygan, Wis. Vehicle operated overhead door. 2,181,552; Nov. 28.
Herr, Charles M., administrator. (See Moore, T., and Nighthart.)
Herr, John. (See Herr, Adam, assignor.)
Herrett, Wilbert A., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Preparation of di(arylamino) anthraquinones. 2,152,191; Mar. 28.
Herrick, Homer K., Alhambra, Calif. Transmission mechanism. 2,144,110; Jan. 17.
Herrick, John W., assignor to Crouse-Hinds Company, Syracuse, N. Y. Flametight switch housing. 2,171,063; Aug. 29.
Herrick, Roswell H., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Control apparatus. 2,181,972; Dec. 5.
Herrin, Charles W., Kansas City, Mo. Automatic separator. 2,155,489; Apr. 25.
Herrin, Harrison M., Kansas City, Kans. Combination range and table. 2,162,012; June 12.
Herring, Frank D., Aragon, Ga., assignor to Draper Corporation, Hopedale, Mass. Thread-cutting temple. 2,163,308; June 20.
Herring, Stanley S. (See Marchant, L. E., and Herring.)
Herrington, Arthur W., assignor to Marmon-Herrington Company, Inc., Indianapolis, Ind. Multiaxle drive vehicle. 2,154,045; Apr. 11.
Herrington, Arthur W., assignor to Marmon-Herrington Company, Inc., Indianapolis, Ind. Continuous-track tractor. 2,162,198; June 13.
Herrington, Arthur W., assignor to Marmon-Herrington Company, Inc., Indianapolis, Ind. Power shaft unit for four-wheel drive. 2,162,334; June 13.
Herrington, Ollie F., Blue Springs, Miss. Stock feeder. 2,175,960; Oct. 10.
Herrlinger, Richard. (See Jaeger, A. O., and Herrlinger.)
Herrmann, Arthur L., Detroit, Mich. Combination storm sash and screen frame construction. 2,180,415; Nov. 21.
Herrmann, Ferdinand A., Leipzig, Germany. Electrolytic cleansing. 2,174,722; Oct. 3.
Herrmann, Hanns R., Chicago, Ill., assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Method and apparatus for cutting and creasing. 2,183,400; Dec. 12.
Herrmann, Heinrich. (See Augustin, E., Fügmann, Klein, Schliemann, and Herrmann.)
Herrmann, Heinrich. (See Geisler, O., and Herrmann.)
Herrmann, Paul J., assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden, Germany. Transfer or delivery device for cigarette rod machines. 2,142,271; Jan. 3.
Herrmann, Paul J., assignor to "Universelle" Cigarettenmaschinenfabrik J. C. Muller & Co., Dresden, Germany. Tobacco spreader for cigarette-making machines. 2,153,982; Apr. 11.
Herrmann, Richard, and T. Skutta, Vienna, Austria. Periodical absorption refrigerator. 2,146,143; Feb. 7.
Herrmann, Richard, and T. Skutta, Vienna, Austria. Control arrangement for refrigerators. 2,162,256; June 13.
Herrmann, Walter. (See Streitwolf, K., Fehrle, and Herrmann.)
Herrmann, Willy O., Deisenhofen, assignor to Chemische Forschungsgesellschaft, m. b. H., Munich, Germany. Blood stancher. 2,160,503; May 30.
Herrmann, Willy O., Deisenhofen, and A. von Putzer-Reybegg, Burghausen, assignors to Chemische Forschungsgesellschaft m. b. H., Munich, Germany. Nonfogging laminated glass. 2,143,482; Jan. 10.
Herrmann, Willy O., Munich, Germany, E. Baum, Haifa, Palestine, and W. Haehnel, assignors to Chemische Forschungsgesellschaft m. b. H., Munich, Germany. Polymerized vinyl alcohol articles and making same. 2,146,295; Feb. 7.
Herrmann, Willy O., Deisenhofen, B. Braun, Melsungen, and W. Haehnel, assignors to Chemische Forschungsgesellschaft, m. b. H., Munich, Germany. Surgical and medical preparations. 2,155,658; Apr. 25.
Herrmann, Willy O., Deisenhofen, and H. Deutsch, and B. von Zychlinski, assignors to Chemische Forschungsgesellschaft m. b. H., Munich, Germany. Manufacture of artificial resins. 2,162,616; June 13.
Herron, James C., assignor to Sterling Reflector Co., Chicago, Ill. Lighting fixture. 2,142,395; Jan. 3.
Herron, Ollie, et al. (See Hall, William J., assignor.)
Herron, Ollie L., Detroit, Mich., assignor to Herron-Zimmers Moulding Company. Window. 2,145,930; Feb. 7.
Herron-Zimmers Moulding Company. (See Herron, Ollie L., assignor.)
Herrschaft, William, New York, N. Y. Projection device. 2,181,696; Nov. 28.
Hersberger, Arthur B. (See Cowles, H. C., Jr., and Hersberger.)
Herschede, William F. (See Woodruff, W. N., Toce, and Herschede.)
Herschel, William S., and A. H. Antrainer, assignors to Western Supplies Company, St. Louis, Mo. Ornamenting machine and work support therefor. 2,144,059; Jan. 17.
Herschel, William S., and A. H. Antrainer, assignors to Western Supplies Company, St. Louis, Mo. Duplex die. 2,144,060; Jan. 17.
Hersey, Donald S., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Engine cooling means. 2,172,139; Sept. 5.
Hersey, Donald S., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Engine cooling means. 2,174,418; Sept. 26.

Hersey, Donald S., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Finned cylinder. 2,184,345; Dec. 26.
Hersey, John C., Wellwyn Garden City, England. Heat exchange apparatus. 2,145,084; Jan. 24.
Hersey, Ralph E., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,161,864; June 13.
Hershberg, Samuel, Brooklyn, N. Y. Photographic developing machine. 2,157,128; May 9.
Hershberg, Samuel, Brooklyn, N. Y. System of photography. 2,176,573; Oct. 17.
Hershberg, Samuel, Brooklyn, N. Y. Photographic lighting system. 2,176,967; Oct. 24.
Hershberg, Samuel, Brooklyn, N. Y. Photographic developing machine. 2,183,742; Dec. 19.
Hershberger, Albert, Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproofing. 2,159,151; May 23
Hershberger, Albert, Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Making moistureproof material. 2,159,152; May 23.
Hershberger, William D., Fort Monmouth, Oceanport, N. J. Microray tube and frequency stabilizing system. 2,142,130; Jan. 3.
Hershey, Clyde E., Findlay, Ohio. Tire. 2,142,315; Jan. 3.
Hershey Manufacturing Company, et al. (See Purdie, David J., assignor.)
Hershman, Paul R., assignor to Petro Chemical Company, Chicago, Ill. Reagent and process for treating petroleum oils. 2,153,560; Apr. 11.
Herskind, Carl C., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting system. 2,157,897; May 9.
Herskind, Carl C., Schenectady, N. Y., assignor to General Electric Company. Excitation system for third harmonic interphase transformers. 2,166,814; July 18.
Herskind, Carl C., Schenectady, N. Y., assignor to General Electric Company. Grid control rectifier. 2,169,876;
Hersperger, Herman, Roselle, N. J., assignor to American Radiator Company, New York, N. Y. Air conditioning apparatus. 2,159,024; May 23.
Herst, David, Lebanon, Pa. Positive grip headless bolt. 2,181,657; Nov. 28.
Herstein, Karl M., Brooklyn, assignor, by mesne assignments, to Skol Company, Inc., New York, N. Y. Alkylene oxide-tannic acid reaction product. 2,167,073; July 25.
Hertel, Kenneth L., assignor to The University of Tennessee Research Corporation, Knoxville, Tenn. Partial pressure indicator. 2,143,775; Jan. 10.
Hertel, Richard K. (See Grau, H. E., and Hertel.)
Herter, Clarence M., West Branch, N. Y. Rotary beater. 2,182,921; Dec. 12.
Herterich, William F., Brooklyn, N. Y., assignor to The Technygraph, Techny, Ill. Ink pad for duplicating machines. 2,166,907; July 18.
Herthel, Eugene C., Flossmoor, Ill., assignor to Sinclair Refining Company, New York, N. Y. Art of cracking. 2,175,663; Oct. 10.
Hertzberg, Harry, assignor to Hertzberg Patents, Inc., New York, N. Y. Dish mop. 2,167,841; Aug. 1.
Hertzberg Patents, Inc. (See Hertzberg, Harry, assignor.)
Hertzberg Patents Inc. (See Hertzberg, William, assignor.)
Hertzberg, William, assignor to Hertzberg Patents Inc., New York, N. Y. Mitten mop. 2,157,700; May 9.
Hertzberg, William, assignor to Hertzberg Patents, Inc., New York, N. Y. Hair brush. 2,183,139; Dec. 12.
Hervey, Laurence R. B., Lexington, assignor to Arthur D. Little, Incorporated, Cambridge, Mass. Preparing tanning material and by-products derived therefrom. 2,178,874; Nov. 7.
Herzberg, Gustav, Maplewood, and A. F. Bahlke, Scotch Plains, assignors to Utility Electric Corporation, Newark, N. J. Adapter socket for multilight incandescent electric lamps. 2,143,150; Jan. 10.
Herzig, Leonard A., Brooklyn, assignor to C. H. Venner, New York, N. Y. Exciter lamp. 2,159,990; May 30.
Herzig, Leonard A., Brooklyn, assignor, by mesne assignments, to Lon-Ga-Tone, Inc., New York County, N. Y. Glow lamp. 2,183,042; Dec. 12.
Herzig, Paul, and H. Kükenthal, Leverkusen I. G. Werk, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Manufacture and application of agents for combating rodents. 2,177,598; Oct. 24.
Herzog, Adolph. (See Wilford, E. B., and Herzog.)
Herzog, Louis, assignor of one-half to J. Miller, Brooklyn, N. Y. Bedspring lifting device. 2,145,213; Jan. 24.
Herzog, Robert, Berlin-Wilhelmshagen, and A. Katsch, Berlin-Lichterfelde, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electron tube. 2,170,657; Aug. 22.
Herzog, Rupert C., Chicago, Ill. Calorie counter. 2,150,442; Mar. 14.
Heschel, Eugene A., assignor to The Herbrand Corporation, Fremont, Ohio. Producing a socket wrench head. 2,182,922; Dec. 12.
Heskett, John A., Huntly, Auckland, New Zealand. Lining smelting furnaces. 2,175,291; Oct. 10.
Heslop, Robert N., and W. W. Tatum, Grangemouth, Scotland, assignors to Imperial Chemical Industries Limited. Anthraquinone dyestuffs. 2,166,353; July 18.
Hess, Alexander M., Jamaica, N. Y. Forming pleats. 2,167,651; Aug. 1.
Hess, Andrew C., Abilene, Kans. Oil baffle. 2,163,490; June 20.
Hess, Frederick W., Haddonfield, N. J. Carbonated beverage flow control. 2,150,655; Mar. 14.
Hess, Francis M., Chicago, Ill. Apparatus for effecting lubrication control. 2,171,874; Sept. 5.
Hess, Francis M., Chicago, Ill. Apparatus for tank gauging. 2,178,116; Oct. 31.
Hess, Fritz. (See Krzikalla, H., Pardon, and Hess.)
Hess, Harold C., Decatur, Ill. Portable sanitary comfort seat for children. 2,153,866; Apr. 11.
Hess, Henry W., Toledo, Ohio. Heat treatment for glass. 2,180,737; Nov. 21.
Hess, Otto H., assignor to the firm Aktiengesellschaft Joh. Jacob Rieter & Cie., Winterthur, Switzerland. Method of and device for collecting dust and fly, particularly in textile factories, as spinning mills. 2,151,273; Mar. 21.
Hess, Marvin A., East Lansdowne, assignor to F. M. Stewart, Philadelphia, Pa. Bread roll machine. 2,174,658; Oct. 3.
Hess, Raymond W., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Production of sulphur dyes. 2,152,693; Apr. 4.
Hess, William F., Pawtucket, R. I., assignor to Armbrust Chain Company. Ornamental chain. 2,170,073; Aug. 22.
Hesse, Paul J., et al. (See Suhm, C. E., and Ankenbruck, assignors.)
Hesselman Motor Corporation Aktiebolag. (See Dillstrom, Torbjorn V., assignor.)
Hesselman Motor Corporation Aktiebolag. (See Johansson, Martin, assignor.)
Hessenbruch, Werner. (See Rohm, W., and Hessenbruch.)
Hessenbruch, Werner, assignor to Heraeus Vacuumschmelze, A. G., Hanau-on-the-Main, Germany. Copper base alloys. 2,172,639; Sept. 12.
Hesser, Edwin B., and E. L. V., West Hollywood, Calif., assignors, by mesne assignments, to Photocolor Corporation of America. Color photography. 2,177,342; Oct. 24.
Hesser, Edwin B., West Hollywood, Calif, assignor, by mesne assignments, to Photocolor Corporation of America. Electrical transmission of color photography. 2,172,818; Sept. 12.
Hesser, Eva L. V. (See Hesser, Edwin B. and E. L. V.)
Hesser, Fr., Maschinenfabrik-Aktiengesellschaft. (See Schwinger, Heinrich, assignor.)
Hessman, Fred W., Lovington, N. Mex., assignor to C. O. Bailer Company, Inc. Sand pump. 2,173,805; Sept. 19.
Hester, John C., assignor of one-half to G. Oestreich, Milwaukee, Wis. Transportation means for refrigerating unit containers. 2,169,446; Aug. 15.
Hester, William F., Drexel Hill, assignor to Röhm & Haas Company, Philadelphia, Pa. Insecticide. 2,159,025; May 23.
Hetessy, Frank A., assignor of one-half to C. M. Helyan, Chicago, Ill. Portable oxygen therapy apparatus. 2,180,631; Nov. 21.
Hetherington & Berner Inc. (See Guedel, Louis A., assignor.)
Hetherington, Robert, Sharon Hill, Pa. Guider for cloth. 2,178,231; Oct. 31.
Hetrick, Chester D. (See Chamberlain, John B., assignor.)
Hettinger, Daniel M., Kansas City, Mo. Weather strip. 2,172,580; Sept. 12.
Hettinger, George, East Rutherford, N. J., assignor, by mesne assignments, to American Sundries Co., Inc., Brooklyn, N. Y. Sterilizer. 2,158,698; May 16.
Hettrick, Ames B., Piney River, Va., assignor, by mesne assignments to Virginia Chemical Corporation. Purifying phosphoric acid. 2,165,100; July 4.
Hettrick Manufacturing Company, The. (See Vavrik, Louis, assignor.)
Hettrick Manufacturing Company, The. (See Yerrick, Harry A., assignor.)
Hetzer, Russell A., assignor to The American Laundry Machinery Company, Cincinnati, Ohio. Filtering and purifying liquids. 2,142,726; Jan. 3.
Hetzer, Russell A., Madeira, assignor to The American Laundry Machinery Company, Norwood, Ohio. Fabric cleaning apparatus. 2,166,294; July 18.
Hetzer, Russell A., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Pressure regulating apparatus. 2,171,698; Sept. 5.
Hetzer, Russell R., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Pressure regulating apparatus. 2,171,699; Sept. 5.
Heuberger, Josef F., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Air purifier. 2,145,049; Jan. 24.
Heuer, Hans H. A., Rochester, Mich. Horticulture shading device. 2,156,986; May 2.
Heuer, John M., Yoder, Wyo. Egg supporting means for incubators. 2,177,255; Oct. 24.
Heuer, Richard J., Philadelphia, Pa., assignor to U. S. Slicing Machine Company, La Porte, Ind. Substance support for slicing machines. 2,177,526; Oct. 24.

Heuer, Russell P., Bryn Mawr, Pa. Furnace roof. 2,155,165; Apr. 18.
Heuer, Russell P., Bryn Mawr, Pa. Desulphurizing apparatus. 2,177,716; Oct. 31.
Heuer, Russell P., Bryn Mawr, Pa., assignor to General Refractories Company. Suspended furnace roof. 2,154,813; Apr. 18.
Heuer, Russell P., Bryn Mawr, Pa., assignor to The American Metal Company, Limited, New York, N. Y. Copper refining apparatus. 2,158,625; May 16.
Heuer, Russell P., Byrn Mawr, Pa., assignor to The American Metal Company, Limited, New York, N. Y. Copper refining process. 2,166,354; July 18.
Heuer, Werner, Hofheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Polymerization in the gaseous state. 2,179,040; Nov. 7.
Heumann, Gerhart W., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,155,268; Apr. 18.
Heuser, Herman, Evanston, Ill. Process of and apparatus for sterilizing food products. 2,174,659; Oct. 3.
Heusted, George B. (See Dreisbach, R. R., and Heusted.)
Hevapar S. A. (See Kleiber, Ernst, assignor.)
Hevaloid Corporation. (See Lejeune, Léon S. M., assignor.)
Hevaloid Corporation. (See Lejeune, Léon S. M. and E. J. A., assignors.)
Hevapar S. A. (See Kleiber, Ernst, assignor.)
Hewel, Frank B., Pittsburgh, Pa. Shelf system for delivery vehicles. 2,158,503; May 16.
Hewel, Frank B., Pittsburgh, Pa. Cross chain repair link. 2,168,029; Aug. 1.
Hewel, Frank B., Pittsburgh, Pa. Spark plug. 2,172,844; Sept. 12.
Hewel, Frank B., Pittsburgh, Pa. Radiator structure. 2,175,394; Oct. 10.
Hewel, Frank B., Pittsburgh, Pa. Device for attaching tire chains. 2,175,395; Oct. 10.
Hewel, Horst. (See Roosenstein, H. O., and Hewel.)
Hewes, Laurence I., San Francisco, and W. Bertwell, San Mateo, Calif. Joint in concrete slabs or pavements. 2,168,925; Aug. 8.
Hewish, Ernest G., Winnipeg, Manitoba, assignor of one-half to C. Buchholz, Churchill, Manitoba, Canada. Coloring matter. 2,174,632; Oct. 3.
Hewitson, Joseph, Kalispell, Mont. Pressure feed carburetor. 2,178,040; Oct. 31.
Hewitt, Alfred G., La Grange Park, assignor to The Visking Corporation, Chicago, Ill. Package. 2,181,329; Nov. 28.
Hewitt, Daniel. (See Simon, Joseph, assignor.)
Hewitt, Daniel, Fort Worth, Tex. Animated signaling device. 2,152,051; Mar. 28.
Hewitt, Edwin J., Omaha, Nebr. Tonic and oil applicator. 2,166,295; July 18.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Grease gun. 2,142,189; Jan. 3.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake cylinder. 2,142,190; Jan. 3.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake equipment. 2,147,295; Feb. 14.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Braking apparatus. 2,147,298; Feb. 14.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,147,299; Feb. 14.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,148,750; Feb. 28.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake system. 2,148,751; Feb. 28.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Retardation controlled brake. 2,148,752; Feb. 28.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Magnetic brake controller. 2,148,753; Feb. 28.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Inertia device. 2,152,256; Mar. 28.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Empty and load apparatus. 2,155,225; Apr. 18.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Retardation control brake. 2,155,227; Apr. 18.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,159,797; May 23.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Speed controlled brake. 2,160,207; May 30.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Lubricating device for valve devices. 2,163,399; June 20.
Hewitt, Ellis E., Edgewood, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Air filter. 2,170,074; Aug. 22.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic train control. 2,173,941; Sept. 26.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Train braking system. 2,177,527; Oct. 24.
Hewitt, Ellis E., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Variable load brake. 2,184,551; Dec. 26.
Hewitt, Ellis E., Edgewood, and D. L. McNeal, Wilkinsburg, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,152,257; Mar. 28.
Hewitt, Ellis E., Edgewood, and J. N. Good, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Retardation controlled brake. 2,155,228; Apr. 18.
Hewitt, Ellis E., Edgewood, and D. L. McNeal, Wilkinsburg, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Safety control equipment. 2,166,007; July 11.
Hewitt, Ellis E., Edgewood, and D. L. McNeal, Wilkinsburg, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Locomotive brake equipment. 2,173,940; Sept. 26.
Hewitt, Harold C., Cleveland Heights, Ohio. Air conditioning apparatus. 2,144,626; Jan. 24.
Hewitt, John B., Roxbury, N. Y. Stall partition. 2,145,831; Jan. 31.
Hewitt, John C., Jr., and V. E. Kuster, Long Beach, Calif. Means to orient a tool in a well. 2,144,061; Jan. 17.
Hewitt, John C., Jr., and V. E. Kuster, Long Beach, Calif. Means to orient tools in a well. 2,154,162; Apr. 11.
Hewitt, John C., Jr., and V. E. Kuster, Long Beach, Calif. Well surveying instrument. 2,169,342; Aug. 15.
Hewlett, Amiot P., Westfield, and G. E. Phillips, Cranford, N. J., assignors to Standard Oil Development Company. Stabilized kerosene. 2,165,261; July 11.
Hewson, Bertram T., North Kensington, London, England. Detachable heel and sole for footwear. 2,157,235; May 9.
Hewson, Bertram T., North Kensington, London, England. Detachable heel. 2,183,218; Dec. 12.
Hext, William A., Cincinnati, Ohio. Apparatus for velocity particle-stream propagation. 2,176,497; Oct. 17.
Hey, Emil. (See Frank, A. R., Franck, Zieke, and Hey.)
Hey, Henry W. (See Hill, E. G., and Hey.)
Hey, Henry W., assignor to Automatic Shifters, Inc., Richmond, Va. Control handle device. 2,161,778; June 6.
Hey, Henry W., assignor to Automatic Shifters, Inc., Richmond, Va. Gear shifting mechanism for motor vehicles. 2,164,990; July 4.
Hey, Henry W., assignor to Automatic Shifters, Inc., Richmond, Va. Gear shifting mechanism for motor vehicles. 2,175,152; Oct. 3.
Hey, Henry W., assignor to Automatic Shifters, Inc., Richmond, Va. Gear shifting mechanism for motor vehicles. 2,180,330; Nov. 14.
Heybourne, Victor C., Tonawanda, assignor to Remington Rand Inc., Buffalo, N. Y. Copy holder for cameras. 2,184,698; Dec. 26.
Heye, Ole, Copenhagen, Denmark. Preparing wrapping and building material. 2,146,296; Feb. 7.
Heyer, Benjamin F. W. (See Henriot, Floyd F., assignor.)
Heyer Corporation, The. (See Gregory, Sherlie E., assignor.)
Heyer Corporation, The. (See Wahlquist, A. B., and De Cardy, assignors.)
Heyer, Don, assignor to U. S. Electrical Motors Inc., Los Angeles, Calif. Variable speed transmission device. 2,179,933; Nov. 14.
Heyer, Don, Los Angeles, Calif., assignor to U. S. Electrical Motors, Inc. Adjustable speed drive. 2,180,678; Nov. 21.
Heyer, Don, Los Angeles, Calif., assignor to U. S. Electrical Motors, Inc. Multiple belt adjustable speed drive system. 2,180,679; Nov. 21.
Heyer, Don, and G. T. Pfleger, Los Angeles, Calif., assignors to U. S. Electrical Motors, Inc. Variable speed power unit. 2,164,818; July 4.
Heyer, Frederic K., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Cylinder lock. 2,145,085; Jan. 24.
Heyer, Frederic K., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Deadlocking latch. 2,157,853; May 9.
Heyer, Frederic K., assignor to The Yale & Towne Manufacturing Co., Stamford, Conn. Combination lock. 2,167,205; July 25.
Heyl, George E., Mill Hill, London, England. Treating seeds, bulbs, tubers, and roots. 2,168,523; Aug. 8.
Heyman, Wilbert A., New York, N. Y. Coffee product and producing the same. 2,154,447; Apr. 18.
Heymann, George H., Louisville, and E. D. Rose, Bowling Green, Ky. Massage device. 2,154,846; Apr. 18.
Heymann, Karl. (See Hopff, H., and Heymann.)
Heymer, Gerd. (See Eggert, J., and Heymer.)
Heymer, Gerd, Wolfen, Kreis Bitterfeld, and W. Schultze, Dessau, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Photographic dyestuff picture. 2,169,320; Aug. 15.

Heyn, Ernest A., Los Angeles, Calif. Load distributing, auxiliary power, duo semi-trailer tractor. 2,153,468; Apr. 4.
Heyn, Hermann A. (See Geyer, W. O., and Heyn.)
Heyna, Hans, and P. Jörg, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, New York, N. Y. Disazo dyestuffs insoluble in water and fiber dyed therewith. 2,153,018; Apr. 4.
Heyne, Clarence A., Alton, Ill., assignor to Owens-Illinois Glass Company. Apparatus for handling bottles and jars. 2,154,126; Apr. 11.
Heyner, Willi, and H. Henkel, Berlin-Neukolln, Germany. Screw-threaded connecting means. 2,156,338; May 2.
Heyner, Willi, and H. Henkel, Berlin-Neukolln, Germany. Screw connection. 2,172,350; Sept. 12.
Heyser, Arthur C., assignor to Clamp Nail Company, Chicago, Ill. Clamp nail. 2,148,390; Feb. 21.
Heyser, Arthur C., assignor to Clamp Nail Company, Chicago, Ill. Driving tool for miter fasteners. 2,154,747; Apr. 18.
Heywood, Vincent E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Paper receptacle and blank therefor. 2,144,456; Jan. 17.
Heywood, Vincent E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Manufacture of dry-sealing envelopes. 2,163,037; June 20.
Heywood, Vincent E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Manufacture of dry-sealing envelopes. 2,163,038; June 20.
Heywood-Wakefield Company. (See Bell, Alfred B., assignor.)
Heywood-Wakefield Company. (See Hill, Oiva E., assignor.)
Heywood-Wakefield Company. (See Larsen, Lewis, assignor.)
Heywood-Wakefield Company. (See Sellers, Austin C., assignor.)
Heywood-Wakefield Company. (See Staveley, Wilford, assignor.)
Heywood-Wakefield Company. (See Stinson, George, assignor.)
Heywood-Wakefield Company. (See Stinson, G., and Hendrickson, assignors.)
Hiat, Gordon D. (See Malm, C. J., and Hiatt.)
Hiatt, Burritt M., and A. P. Albrecht, assignors to The Irwin Auger Bit Company, Wilmington, Ohio. Tool handle. 2,173,942; Sept. 26.
Hiatt, Gordon D. (See Fordyce, C. R., and Hiatt.)
Hibbard, Bert. (See Schulenberg, Frederick H., assignor.)
Hibbard, E. W., et al. (See Wilsey, Irven H., assignor.)
Hibbard, Robert L., assignor of one-half to W. K. Stamets, Pittsburgh, Pa. Chuck. 2,145,875; Feb. 7.
Hibberd, Frederick H., Harrison, N. Y., assignor to Ingersoll-Rand Company, Jersey City, N. J. Control means for refrigerating apparatus. 2,143,555; Jan. 10.
Hibbert, George F., Chicago, Ill., assignor to Eli Lilly and Company, Indianapolis, Ind. Streptococcus antigen. 2,156,240; Apr. 25.
Hibshman, Benjamin T., North Bergen, N. J. Merchandise dispensing device. 2,163,280; June 20.
Hicke, Johannes. (See Weichardt, R., Freistadt, and Hicke.)
Hicken, Elmer E., Collingswood, N. J. Locomotive tender. 2,159,738; May 23.
Hickey, Walter R., Butler, Pa. Safety device. 2,184,497; Dec. 26.
Hickey, William B., Denver, Colo. Belt sander. 2,147,840; Feb. 21.
Hickman, Albert F., assignor to Hickman Pneumatic Seat Co., Inc., Eden, N. Y. Device for providing torsional resistance. 2,149,887; Mar. 7.
Hickman, Albert F., assignor to Hickman Pneumatic Seat Co., Inc., Eden, N. Y. Vehicle suspension. 2,160,862; June 6.
Hickman, Albert F., assignor to Hickman Pneumatic Seat Co., Inc., Eden, N. Y. Vehicle spring suspension. 2,169,242; Aug. 15.
Hickman, Clarence N., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetic telegraphone. 2,144,844; Jan. 24.
Hickman, Clarence N., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selector switch. 2,164,034; June 27.
Hickman, John M., assignor to Carson Machine & Supply Co., Oklahoma City, Okla. Elevator. 2,149,938; Mar. 7.
Hickmam, Katherine G., administratrix. (See Garrett, Georg K.)
Hickman, Kenneth C. D., assignor to Eastman Kodak Company, Rochester, N. Y. Release for camera shutters. 2,143,776; Jan. 10.
Hickman, Kenneth C. D., assignor, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. Vacuum distillation. 2,146,894; Feb. 14.
Hickman, Kenneth C. D., assignor, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. Distillation process. 2, 150,683; Mar. 14.
Hickman, Kenneth C. D., assignor, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. Distillation of solids. 2,150,684; Mar. 14.
Hickman, Kenneth C. D., assignor, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. Process and means for the production of vacua. 2,150,685; Mar. 14.
Hickman, Kenneth C. D., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Cathode support for electrolytic units. 2,153,188; Apr. 4.
Hickman, Kenneth C. D., assignor, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. High vacuum pump. 2,153,189; Apr. 4.
Hickman, Kenneth C. D., assignor, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. High vacuum. 2,160,863; June 6.
Hickman, Kenneth C. D., assignor, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. Vacuum distillation. 2,165,378; July 11.
Hickman, Kenneth C. D., assignor, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. Vacuum rectifying column. 2,176,498; Oct. 17.
Hickman, Kenneth C. D., assignor, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. Vacuum distillation apparatus. 2,180,050; Nov. 14.
Hickman, Kenneth C. D., assignor, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. Removal of gas from organic liquids. 2,180,051; Nov. 14.
Hickman, Kenneth C. D., assignor to Distillation Products, Inc., Rochester, N. Y. Distillation apparatus. 2,180,053; Nov. 14.
Hickman, Kenneth C. D., assignor, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. Vacuum distillation of oils containing vitamins. 2,180,356; Nov. 21.
Hickman, Kenneth C. D., and J. G. Baxter, assignors, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. High vacuum. 2,147,488; Feb. 14.
Hickman, Kenneth C. D., and J. C. Hecker, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Toning and intensifying solutions. 2,158,184; May 16.
Hickman, Kenneth C. D., and J. C. Hecker, assignors to Eastman Kodak Company, Rochester, N. Y. Toning and intensifying solutions. 2,158,185; May 16.
Hickman, Kenneth C. D., and J. C. Hecker, assignors to Eastman Kodak Company, Rochester, N. Y. Toning and intensifying solutions. 2,158,186; May 16.
Hickman, Kenneth C. D., and A. O. Tischer, assignors, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. Production of vitamin A esters. 2,169,195; Aug. 8.
Hickman, Kenneth C. D., and J. C. Hecker, assignors, by mesne assignments, to Distillation Products, Inc., Rochester, N. Y. Vacuum distillation apparatus. 2,180,052; Nov. 14.
Hickman Pneumatic Seat Co. (See Hickman, Albert F., assignor.)
Hickok Manufacturing Company. (See Mix, Edwin S., assignor.)
Hickok Manufacturing Company. (See Vaisey, Harold C., assignor.)
Hickok, Willard, Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America. Television transmitting tube. 2,156,391; May 2.
Hickok, Willard, Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Cathode ray tube. 2,178,232; Oct. 31.
Hicks, Charles W., Washington, D. C., assignor, by mesne assignments, to Bendix Radio Corporation, New York, N. Y. Radio apparatus. 2,144,309; Jan. 17.
Hicks, Charles W., Hyattsville, Md., assignor, by mesne assignments, to Bendix Radio Corporation, New York, N. Y. Radio apparatus. 2,171,432; Aug. 29.
Hicks, De Witt., Waco, Tex., and V. L. Smithers, Akron, Ohio. Tire. 2,164,819; July 4.
Hicks, Elias S., Portland, Oreg. Propeller. 2,148,555; Feb. 28.
Hicks, Glenn H., assignor to Acme White Lead & Color Works, Detroit, Mich. Synthetic metallic enamel. 2,168,212; Aug. 1.
Hicks, Harold A., assignor to Chrysler Corporation, Detroit, Mich. Vehicle wheel suspension. 2,154,569; Apr. 18.
Hicks, Harold C., Taft, Calif. Rotary drilling machine and pipe tongs. 2,181,641; Nov. 28.
Hicks, Harold L., et al. (See Hicks, Harry L., assignor.)
Hicks, Harry L., Pontiac, assignor of twenty-six per cent to H. L. Hicks and twenty-six per cent to H. L. Hicks, Pontiac, Mich. Buffing wheel and salvaging buffing wheels. 2,160,403; May 30.
Hicks, Hubert L., et al. (See Hicks, Harry L., assignor.)
Hicks, James E., assignor to Continental-Diamond Fibre Company, Newark, Del. Continuous feeding mechanism. 2,159,851; May 23.
Hicks, Raymond M. (See Haselton, M. L., and Hicks.)
Hicks, Raymond M., Plainfield, N. J., assignor to The Teleregister Corporation, New York, N. Y. Transmitter and code translator. 2,142,691; Jan. 3.
Hicks, Raymond M., Plainfield, N. J., and E. R. Leroy, assignors to The Teleregister Corporation, New York, N. Y. Decoder. 2,162,170; June 13.
Hidde Nijland, Hendrik A., Laren, Netherlands. Electric circuit breaker. 2,166,590; July 18.
Hiergesell, Valentine. (See McKinney, Norman, assignor.)
Hiergesell, Valentine, assignor to H-B Instrument Company, Philadelphia, Pa. Thermometer casing. 2,146,394; Feb. 7.
Hierholzer, William. (See McMahon, T. A., Hierholzer and Glazat.)

Hiers, Ralph H., Granville, Mass. Making toy drums. 2,165,379; July 11.
Higbee, James F., Detroit, Mich. Dual wheel assembly. 2,142,787; Jan. 3.
Higbee, James F., Detroit, Mich. Dual wheel assembly. 2,182,560; Dec. 5.
Higbie, Vinton, Paterson, N. J., assignor to Wright Aeronautical Corporation. (Supercharger and cooler arrangement. 2,169,243; Aug. 15.
Higginbottom, Harold H., Manhattan, Kans., H. J. Peterson, Hattiesburg, Miss., and J. C. Peterson, Manhattan, Kans. Record sheet for statistical purposes. 2,171,556; Sept. 5.
Higgins, Andrew J., New Orleans, La. Double planked hull construction. 2,163,998; June 27.
Higgins, Andrew J., assignor to Higgins Industries, Inc., New Orleans, La. Boat hull construction. 2,144,111; Jan. 17.
Higgins, Dale G., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company., Wilmington, Del. Beaded surfaces. 2,153,755; Apr. 11.
Higgins, Francis W., Hale, England, assignor to The Carborundum Company, Niagara Falls, N. Y. Refractory article. 2,154,271; Apr. 11.
Higgins, Fred P. (See Parker, John R., assignor.)
Higgins, Grover B., Chicago, Ill. Iron stand. 2,142,191; Jan. 3.
Higgins Industries, Inc. (See Higgins, Andrew J., assignor.)
Higgins, Ira W., and H. L. Pickett, assignors of one-fourth to E. S. Newton and one-fourth to C. L. Frost, Chattanooga, Tenn. Hydraulic safety device. 2,164,272; June 27.
Higgins, Joseph C., Chicago, Ill. Table and associated seat. 2,182,476; Dec. 5.
Higgins, Leo J., and H. L. Rosen, Madison, Wis. Auxiliary heating apparatus. 2,166,355; July 18.
Higgins, Pattillo, Jr., Mont Belvieu, Tex. Method and apparatus for taking sample cores. 2,170,716; Aug. 22.
Higgins, Ralph, Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Method and apparatus for testing insulation. 2,146,069; Feb. 7.
Higgins, Ralph, Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Insulation testing. 2,162,280; June 13.
Higgins, Ray. (See McCreery, G. L., Campbell, and Higgins.)
High, Carl F., Flint, Mich. Fuel pump. 2,145,260; Jan. 31.
High, Carl F., Flint, Mich. Fuel pump. 2,146,184; Feb. 7.
High, Carl F., Flint, Mich. Fuel pump. 2,180,109; Nov. 14.
Higham, William W., assignor to Universal Cooler Corporation, Detroit, Mich. Refrigerating system. 2,160,018; May 30.
Higham, William W., assignor to Universal Cooler Corporation, Deroit, Mich. Evaporator. 2,163,175; June 20.
Higham, William W., Detroit, and S. H. Morse, Dearborn, assignors to Universal Cooler Corporation, Detroit, Mich. Evaporator. 2,162,083; June 13.
Higham, William W., Detroit, and E. A. Langwish, Birmingham, assignors to Universal Cooler Corporation, Detroit, Mich. Refrigerator evaporator. 2,171,790; Sept 5.
Highberg, George A. (See Sloan, H. E., and Highberg.)
Highriter, Harry W., Verona, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Treatment of photoflash lamp materials. 2,177,108; Oct. 24.
Hight, Stuart C., South Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric apparatus. 2,157,701; May 9.
Highway Trailer Company. (See Connors, George H., assignor.)
Highway Trailer Company. (See Cummings, John, assignor.)
Higley, Frank R., Cleveland Heights, assignor to The American Laundry Machinery Company, Norwood, Cincinnati, Ohio. Press control mechanism. 2,171,557; Sept. 5.
Higley, Frank R., Cleveland Heights, assignor to The American Laundry Machinery Company, Norwood, Cincinnati, Ohio. Press control mechanism. 2,171,558; Sept. 5.
Higley, Frank R., Cleveland Heights, assignor to The American Laundry Machinery Company, Norwood, Cincinnati, Ohio. Control mechanism for pressing machines. 2,171,559; Sept. 5.
Higley, Frank R., Cleveland Heights, Ohio. Chromatic device. 2,181,184; Nov. 28.
Higley, George, Youngstown, Ohio. Scale. 2,172,281; Sept. 5.
Higonnet, Rene A. (See Devaux, L., and Higonnet.)
Hilbers, Johann, Oldenburg-Etzhorn, Germany. Production of yeast. 2,162,217; June 13.
Hilbish, Joseph M., and J. K. McCahan, Pittsburgh, Pa. Apparatus for cleaning elongated metal objects. 2,174,879; Oct. 3.
Hilbish, Joseph M., and J. K. McCahan, Pittsburgh, Pa. Cleaning elongated metal shapes. 2,174,880; Oct. 3.
Hilblom, Samuel E. (See Crumb, C. F., and Hilblom.)
Hilblom, Samuel E. (See Raney, C. R., MacDonald, and Hilblom.)
Hilborn, Walter S., Covina, assignor to D. F. Ainslee, Ontario, Calif. Orchard heating system. 2,164,011; June 27.
Hilbourn, Walter P., Lansing, Mich. Adhesive. 2,182,399; Dec. 5.
Hild, Frederic W., Los Angeles, Calif. Casing head for pressure drilling. 2,180,680; Nov. 21.
Hildabolt, John M. (See Koehring, R. P., and Hildabolt.)
Hilde, Eddie A., Rothsay, Minn. Safety tractor hitch. 2,151,207; Mar. 21.
Hildebrandt, Frank M., Baltimore, and N. M. Erb., Riviera Beach, Md., assignors to U. S. Industrial Alcohol Co., New York, N. Y. Fermentation process. 2,169,244; Aug. 15.
Hildebrandt, Frank M., Baltimore, and N. M. Erb., Riviera Beach, Md., assignors to U. S. Industrial Alcohol Co., New York, N. Y. Glycerol fermentation process. 2,169,245; Aug. 15.
Hildebrandt, Frank M., Baltimore, and N. M. Erb., Riviera Beach, Md., assignors to U. S. Industrial Alcohol Co., New York, N. Y. Butyl acetone fermentation process. 2,169,246; Aug. 15.
Hildebrandt, Friedrich. (See Butenandt, A., and Hildebrandt.)
Hilderbrandt, Friedrich. (See Schwank, E., and Hilderbrandt.)
Hildebrandt, Friedrich. (See Schwenk, E., Hildebrandt, and Gehrke.)
Hildebrandt, Friedrich, Hohen Neuendorf, near Berlin, Germany, assignor to Schering Aktiengesellschaft. Pregnanolones and producing the same. 2,151,661; Mar. 21.
Hildebrandt, Friedrich, Hohen Neuendorf, near Berlin, Germany, assignor to Schering Corporation, Bloomfield, N. J. Keto cyclopentano dimethyl polyhydro phenanthroles and producing the same. 2,184,299; Dec. 26.
Hildebrandt, Friedrich, Hohen Neuendorf, near Berlin, Germany, and E. Schwenk, Bloomfield, N. J., assignors to Schering Aktiengesellschaft, Berlin, Germany. Producing acyl derivatives of the dihydrofollicle hormone and resulting product. 2,154,272: Apr. 11.
Hildebrandt, Gustav, Mannheim, Germany, assignor to E. Bilhuber Inc., Jersey City, N. J. Preparation of beta-(p-hydroxyphenyl)-isopropylmethylamine. 2,146,473; Feb. 7.
Hildebrandt, Gustav, Mannheim, Germany, assignor to E. Bilhuber Inc., Jersey City, N. J. Preparation of beta-(p-hydroxyphenyl)-isopropylmethylamine. 2,146,474; Feb. 7.
Hildebrandt, Gustav, Mannheim, Germany, assignor to E. Bilhuber Inc., Jersey City, N. J. Preparation of beta-(p-hydroxyphenyl)-isopropylmethylamine. 2,146,475; Feb. 7.
Hildebrandt, Gustav, Mannheim, Germany, assignor to E. Bilhuber Inc., Jersey City, N. J. Preparation of derivatives of beta-(p-hydroxyphenyl)-isopropylamine. 2,146,477; Feb. 7.
Hildebrandt, Gustav, Mannheim, Germany, assignor to E. Bilhuber Inc., Jersey City, N. J. Preparation of derivatives of beta-(p-hydroxyphenyl)-isopropylamine. 2,146,478; Feb. 7.
Hildebrandt, Gustav, Mannheim, and C. Freese, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to E. Bilhuber Inc., Jersey City, N. J. Preparation of optically active beta-(p-hydroxyphenyl)-isopropylmethylamines. 2,146,476; Feb. 7.
Hildebrandt, Hiram H., Logansport, Ind. Leader for flyfishing. 2,184,187; Dec. 19.
Hilder, Stuart, Glencarlyn, Va., assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machine. 2,160,361; May 30.
Hilderbrant, Daniel W., Farmersville, Calif. Clothespin. 2,158,937; May 16.
Hildreth, Harold F. (See Mosshart, Donald J., assignor.)
Hileman, James, Swissvale, Pa. Valve mechanism. 2,153,834; Apr. 11.
Hileman, James, Swissvale, Pa. Hot water heater. 2,158,122; May 16.
Hiler Engineering & Construction Company. (See Hiler, Thomas J., assignor.)
Hiler, Thomas J., Brooklyn, N. Y., assignor to Hiler Engineering & Construction Company, Inc. Refuse incinerating furnace. 2,145,261; Jan. 31.
Hilferty, Daniel J., Merchantville, N. J., assignor to Radio Corporation of America. Ultra high frequency transceiver. 2,147,595; Feb. 14.
Hilgeman, Carl F. (See Clark, F. J., and Hilgeman.)
Hilker, Roy E., Los Angeles, Calif. Game device. 2,167,074; July 25.
Hill, Albert E., New York, N. Y. Expansible rail joint. 2,143,879; Jan. 17.
Hill, Albert E., New York, N. Y. Expansible rail joint. 2,147,342; Feb. 14.
Hill, Albert F., Big Spring, Tex. Hand belt sanding plane. 2,154,814; Apr. 18.
Hill, Andrew E. (See Booker, C. A., and Hill.)
Hill, Arnold M., Orange, assignor to National Oil Products Company, Harrison, N. J. Recovering and reusing constituents of waxed paper. 2,183,259; Dec. 12.
Hill, Arthur. (See Hampton, H. A., Hill, and Robinson.)
Hill, Arthur D., Jr., assignor of one-half to R. C. Hill, Los Angeles, Calif. Propelling mechanism. 2,173,415; Sept. 19.
Hill, Arthur G. (See Hill, George and A. G., Baker, Mitchum, and Harper.)

Hill, Bruce L., Chicago, Ill. Squeezer device. 2,184,454; Dec. 26.
Hill, C. V., and Company. (See Hill, Joseph S., assignor.)
Hill, C. V., & Co. (See Hoffman, Cyrus F., assignor.)
Hill, C. V., & Co. (See MacMaster, Frank D., assignor.)
Hill, Charles A., Oakland, Calif. Game apparatus 2,180,416; Nov. 21.
Hill, Charles F. (See Ford, J. G., and Hill.)
Hill, Charles F., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective apparatus for electrical devices. 2,175,893; Oct. 10.
Hill, Charles H., Drexel Hill, Pa., assignor to General Electric Company. Electric switch gear. 2,152,478; Mar. 28.
Hill, Charles H., Drexel Hill, Pa., assignor to General Electric Company. Circuit breaker contact. 2,159,764; May 23.
Hill, Charles J. W., Sidcup, assignor to Electric & Musical Industries Limited, Middlesex, England. Electrical interference suppressing device. 2,148,984; Feb. 28.
Hill, Charles K., assignor to The Hillwood Manufacturing Company, Cleveland, Ohio. Method of and apparatus for grooving wire. 2,168,340; Aug. 8.
Hill, Clarence B., Union City, Ind., assignor to Backstay Welt Company. Finishing welt. 2,143,695; Jan. 10.
Hill, Cortlandt T., Beverly Hills, Calif. Foot attachment for skis and the like. 2,165,547; July 11.
Hill, Dewey H., Macomb, Ill., assignor to Globe American Corporation, Kokomo, Ind. Poultry trough. 2,165,968; July 11.
Hill, Earl G., Forty Fort, and W. A. Seem, Shavertown, assignors to Georgetown Silk Company, Wilkes-Barre, Pa. Attachment for winding taper ended packages. 2,154,847; Apr. 18.
Hill, Edith L., Governors Island, N. Y. Dust container. 2,149,676; Mar. 7.
Hill, Edward A., Clinton, S. C. Loom beam lock. 2,154,679; Apr. 18.
Hill, Edward G., assignor to Hill Engineering Corporation, Richmond, Va. Automatic gear shifting mechanism. 2,160,331; May 30.
Hill, Edward G., assignor to Hill Engineering Corporation, Richmond, Va. Vehicle brake mechanism. 2,180,937; Nov. 21.
Hill, Edward G., assignor to Hill Engineering Corporation, Richmond, Va. Clutch control mechanism for motor vehicles. 2,184,616; Dec. 26.
Hill, Edward G., and H. W. Hey, assignors to Automatic Shifters, Inc., Richmond, Va. Gear shifting mechanism for motor vehicles. 2,181,532; Nov. 28.
Hill, Elgin A., Pittsburgh, Pa. Internal motor cleaner. 2,173,554; Sept. 19.
Hill Engineering Corporation. (See Hill, Edward G., assignor.)
Hill, Ernest F., assignor to Carroll & Carroll, Oakland, Calif. Toilet seat hinge. 2,181,017; Nov. 21.
Hill, F. H., Company. (See Scholl, Harry S., assignor.)
Hill, Francis S., Denver, Colo. Rotary beet topper. 2,167,754; Aug. 1.
Hill, Frank B. (See Dreyfus, H., Moncrieff, and Hill.)
Hill, Frank B. (See Moncrieff, R. W., and Hill.)
Hill, George and A. G., Wellford, P. H. Baker, Greenville, S. C., and L. C. Mitchum and E. A. Harper, Atlanta, Ga., assignors to The Texas Company, New York, N. Y. Apparatus for conditioning fibrous material. 2,178,539; Nov. 7.
Hill, Harold S., Quebec, Quebec, Canada. Apparatus for pressing a moving web in paper making machines. 2,174,744; Oct. 3.
Hill, Harry. (See Hunter, P. V., and Hill.)
Hill, Harry. (See Hunter, P. V., Brazier, and Hill.)
Hill, Harry W., Sterling, Ill., assignor to Northwestern Steel and Wire Company. Bale tie package. 2,146,118; Feb. 7.
Hill, Harry W., assignor to American Optical Company, Southbridge, Mass. Multifocal lens and making the same. 2,173,651; Sept. 19.
Hill, Henry C., Paterson, N. J., assignor to Wright Aeronautical Corporation. Connecting rod. 2,150,548; Mar. 14.
Hill, Henry C., Paterson, N. J., assignor to Wright Aeronautical Corporation. Oil seal. 2,162,218; June 13.
Hill, Henry C., Montclair, N. J., assignor to Wright Aeronautical Corporation. Piston ring arrangement. 2,178,993; Nov. 7.
Hill, Henry C., Montclair, N. J., assignor to Wright Aeronautical Corporation. Ignition harness. 2,183,020; Dec. 12.
Hill, Herbert M., Leonia, N. J. Machine for making cups. 2,177,652; Oct. 31.
Hill, Jacob H. (See Loehr, C. E., and Till.)
Hill, James H., and H. W. Theiss, Louisville, Ohio, assignors to Continental Steel Corporation, Kokomo, Ind. Producing galvanized metal sheets or articles. 2,160,864; June 6.
Hill, James L., Kansas City, Mo. Brake unit. 2,166,493; July 18.
Hill, John I., L. M. Hathaway, and O. B. Newberry, Ingleside, Tex. Automatic valve. 2,177,278; Oct. 24.
Hill, Joseph S., Ewing Township, Mercer County, assignor to C. V. Hill and Company, Incorporated, Trenton, N. J. Illuminated display case. 2,148,159; Feb. 21.
Hill, Julian W. (See Carothers, W. H., and Hill.)
Hill, Leland H., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Voltage regulator. 2,177,109; Oct. 24.
Hill, Leland H., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electrical apparatus. 2,185,105; Dec. 26.
Hill, Matt V., Winton, Minn. Greaseless lower unit for outboard motors and the like. 2,145,623; Jan. 31.
Hill, Matthew E., assignor to The Holfast Rubber Company, Atlanta, Ga. Clamp for vulcanizing patches. 2,163,876; June 27.
Hill, Norman C., and C. D. Shannon, Saltville, Va., assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Purifying sodium carbonate solution. 2,143,069; Jan. 10.
Hill, Oiva E., assignor to Heywood-Wakefield Company, Gardner, Mass. Reversible seat base. 2,183,021; Dec. 12.
Hill, Oliver P., Charleston, W. Va. Polishing and abrading head. 2,156,179; Apr. 25.
Hill, Philip B., Florence, assignor of forty-nine one-hundredths to A. M. Lund, Little Rock, Ark. Arch structure. 2,175,292; Oct. 10.
Hill, Richard T. (See Snyder, D. A., and Hill.)
Hill, Robert H., Anderson, Ind., and K. R. Blake, Detroit, Mich. Automatic starting device. 2,169,247; Aug. 15.
Hill, Roland C. (See Hill, Arthur D., Jr., assignor.)
Hill, Rolo D., assignor of one-half to G. S. Tucker, Los Angeles, Calif. Oil filter. 2,145,304; Jan. 31.
Hill, Rowland. (See Habgood, B. J., Hill, and Morgan.)
Hill, Rowland M., Detroit, and R. D. Wiley, Oakland, Mich. Variable airfoil structure. 2,155,546; Apr. 25.
Hill, Roy W., Chicago, Ill. Garment. 2,158,797; May 16.
Hill, Sidney M., Hollywood, and F. S. Testera, Van Nuys, Calif. Film rewinding apparatus. 2,153,666; Apr. 11.
Hill, Thomas E., and N. C. Harrison, Kingston-upon-Hull, England. Apparatus for cleaning bottles, jars, or the like containers. 2,162,951; June 20.
Hill, Thomas M., New Kensington, assignor to Aluminum Company of America. Closure. 2,151,383; Mar. 21.
Hill, Thomas M., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Wrapper for foodstuffs. 2,156,987; May 2.
Hill, Thomas T., Beloit, Wis. Racing game. 2,183,771; Dec. 19.
Hill, Warren C., North Platte, Nebr. Radio frequency selection and oscillatory amplification element. 2,158,822; May 16.
Hill, Warren E., Northampton, Mass., and C. L. McArthur, Birmingham, Mich., assignors to Pro-phy-lac-tic Brush Company, Northampton, Mass. Toothbrush and making the same. Re. 21,197; Sept. 5.
Hill, Wayne B., Redondo Beach, Wash. Bid scoring device for contract and auction bridge. 2,180,873; Nov. 21.
Hill, Willard B., Hampton, and W. B. Melvin, Newport News, Va. Equipment for photographic development. 2,169,417; Aug. 15.
Hill, William H., Stamford, Conn., assignor to American Cyanamid Company, New York, N. Y. Unhairing process. 2,174,497; Sept. 26.
Hillberg, Bror, Chicago, Ill., assignor, by mesne assignments, to Reconstruction Finance Corporation. Combined bar support and spacer. 2,154,748; Apr. 18.
Hillberg, Bror, assignor, by mesne, assignments, to Reconstruction Finance Corporation, Chicago, Ill. Band clamp. 2,162,349; June 13.
Hillberg, Bror, assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Spreader for concrete forms. 2,167,888; Aug. 1.
Hillcourt, Carrol W., San Francicso, Calif. Perpetual calendar. 2,170,408; Aug. 22.
Hillenek, Paul, New York, N. Y. Ornament for bird cages. 2,178,117; Oct. 31.
Hiller, Eugen, Berlin, Germany. Circular warp loom. 2,166,494; July 18.
Hiller, Mary E., Pittsburgh, Pa. Utility table. 2,160,144; May 30.
Hiller, Stanley, Ltd. (See Hiller, S., and Nibecker, assignors.)
Hiller, Stanley, Berkeley, and H. A. Nibecker, San Mateo, assignors to Stanley Hiller, Ltd., San Francisco, Calif. Apparatus and method for expressing fluid. 2,149,736; Mar. 7.
Hiller, Vernon W., Clay, N. Y. Milk cooler. 2,181,553; Nov. 28.
Hillerich & Bradsby Co. (See Held, Stanley S., assignor.)
Hillers, Carl E., Charlottesville, and H. L. Small, Esmont, assignors to Blue Ridge Slate Corporation, Charlottesville, Va. Color coated surfacing material. 2,177,389; Oct. 24.
Hillery-Collings, Charles E., Mitcham, England. Film magazine for cinematographic cameras. 2,166,543; July 18.
Hillhouse, Charles B., assignor to S. R. Hillhouse, New York, N. Y. Burning oil as gas. 2,162,432; June 13.
Hillhouse, Charles B., assignor to S. R. Hillhouse, New York, N. Y. Producing gasoline. 2,162,433; June 13.
Hillhouse, Charles B., assignor to S. R. Hillhouse, New York, N. Y. Apparatus for burning liquid fuel. 2,173,626; Sept. 19.
Hillhouse, Sylvia R. (See Hillhouse, Charles B., assignor.)

Hilliard Corporation, The. (See La Brecque, Theodore A., assignor.)
Hilliard, Edward F., Sacramento, Calif. Rotary road broom. 2,158,967; May 16.
Hillier, Harold, assignor to G. & J. Weir, Limited, Cathcart, Glasgow, Scotland. Controlling feed water pumps. 2,163,281; June 20.
Hillier, Harold, and J. Sim, assignors to G. & J. Weir, Limited, Cathcart, Glasgow, Scotland. Stuffing box for fluid pressure engines. 2,178,075; Oct. 31.
Hillis, David R., Detroit, Mich., assignor, by mesne assignments, to Trabon Engineering Corporation, Cleveland, Ohio. Reversible lubricating feeder system. Re. 21,160; July 25.
Hillis, David R., Detroit, Mich., assignor, by mesne assignments, to Trabon Engineering Corporation, Cleveland, Ohio. Divisional feeder. Re. 21,236; Oct. 17.
Hillis, David R., Detroit, Mich., assignor to Trabon Engineering Corporation, Cleveland, Ohio. Reversible single-line feeder. 2,143,733; Jan. 10.
Hillis, David R., Detroit, Mich., assignor to Trabon Engineering Corporation, Cleveland, Ohio. Reversible single-line feeder. 2,168,936; Aug. 8.
Hillis, David R., Detroit, Mich., assignor to Trabon Engineering Corporation, Cleveland, Ohio. Unitary flow reversing pump and control valve. 2,168,937; Aug. 8.
Hillis, David R., Detroit, Mich., assignor to Trabon Engineering Corporation, Cleveland, Ohio. Combined alternating pump and control valve. 2,170,327; Aug. 22.
Hillis, David R., Detroit, Mich., assignor to Trabon Engineering Corporation, Cleveland, Ohio. Reversible single-line feeder. 2,180,632; Nov. 21.
Hillis, David R., assignor, by mesne assignments, to Reconstruction Finance Corporation, Detroit, Mich. Portable hydraulic hoist or movable scaffold. 2,183,679; Dec. 19.
Hillis, David R., Detroit, Mich., assignor to Trabon Engineering Corporation, Cleveland, Ohio. Reversible multiple outlet feeder. 2,184,778; Dec. 26.
Hillix, Foster F. (See Knebusch, W. F., and Hillix.)
Hillix, Foster F., Lakewood, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Method of and apparatus for transferring thread or the like. 2,173,840; Sept. 26.
Hillman, Albert G., Amersham, England. Optical system for color photography or cinematography. 2,167,453; July 25.
Hillman, Albert G., Amersham, England. Optical system for color photography or cinematography. 2,167,454; July 25.
Hillman, Albert G., Maidenhead, England. Camera. 2,171,269; Aug. 29.
Hillman, Albert G., Maidenhead, England. Intermittent feed mechanism. 2,179,630; Nov. 14.
Hillman, Endocen H., assignor to Standard Oil Company, Chicago, Ill. Printing ink. 2,154,089; Apr. 11.
Hillmer, Max L., Huntington, Ind. Carrying fish lures, trout flies, and the like. 2,173,363; Sept. 19.
Hills, Arthur W., Flint, assignor to General Motors Corporation, Detroit, Mich. Instrument panel. 2,145,931; Feb. 7.
Hills, George L., San Bernardino, assignor to Dimensional Pictures Incorporated, Los Angeles, Calif. Multiple reflector stereoscopic camera. 2,147,489; Feb. 14.
Hills, Leander H., Worcester, assignor to The Vellumoid Company, Boston, Mass. Saturated fibrous material and saturant and making the same. 2,172,974; Sept. 12.
Hills-McCanna Company. (See Anderson, Harry J., assignor.)
Hills, Robert C., and M. M. Barnett, Port Sulphur, La. Plastic and producing same. 2,174,000; Sept. 26.
Hills, Russell H., Putnam, Conn. Undertaker's transfer device. 2,149,090; Feb. 28.
Hills, Russell B., and H. E. Pleasant, Grand Rapids, Mich.; said Pleasant assignor to said Hills. Popcorn dispensing device. 2,158,119; May 16.
Hillside Cable Co. (See Wertzheiser, J., and Charmoy, assignors.)
Hillson, Jacob, Brookline, assignor to Harvard Specialty Mfg. Corp., Cambridge, Mass. Support and reel structure for table tennis nets. 2,150,033; Mar. 7.
Hillwood Manufacturing Company, The. (See Hill, Charles K., assignor.)
Hillyer, Laurence D., Brownwood, Tex. Agricultural machine. 2,162,434; June 13.
Hilpert, Meier G., Bethlehem, Pa. Prefabricated building unit and wall. 2,159,991; May 30.
Hilpert, Meier G., Bethlehem, Pa. Floor or roof construction. 2,167,208; July 25.
Hilson, Alexander R. J., Hamilton, Ontario, and F. F. Söhner, Stoney Creek, Ontario, assignors to Donald MacLaren, (C. A.), Hamilton, Ontario, Canada. Carburetor. 2,172,537; Sept. 12.
Hilty, Donald C., Apollo, Pa. Pickling of steel. 2,178,791; Nov. 7.
Himel, Curtis J., New Orleans, La. Ant trap. 2,168,339; Aug. 8.
Hinchliff, Edward C. (See Hinchliff, Ralph and E. C.)
Hinchliff, Edward C., assignor to Burson Knitting Company, Rockford, Ill. Stocking. 2,169,203; Aug. 8.
Hinchliff, Edward C., assignor to Burson Knitting Company, Rockford, Ill. Stocking. 2,169,204; Aug. 8.
Hinchliff, Ralph and E. C., assignors to Burson Knitting Company, Rockford, Ill. Protector for shoes and the like. 2,171,654; Sept. 5.
Hinchliff, Ralph and E. C., assignors to Burson Knitting Company, Rockford, Ill. Tubular knitted fabric and means for closing the tube. 2,176,968; Oct. 24.
Hinckley-Myers Company. (See Graham, George M., assignor.)
Hinckley-Myers Company. (See Graham, G. M., and MacMillan, assignors.)
Hinckley-Myers Company. (See Graham, G. M., and Price, assignors.)
Hinckley-Myers Company. (See MacMillan, Charles W., assignor.)
Hinckley-Myers Company. (See Price, Arthur E., assignor.)
Hinckley, William T., Chicago, assignor to Whiting Corporation, Harvey, Ill. Multiple effect evaporator and the like. 2,181,731; Nov. 28.
Hindahl, David, assignor to Rodger Ballast Car Company, Chicago, Ill. Car construction. 2,152,885; Apr. 4.
Hindahl, David, assignor to Rodger Ballast Car Company, Chicago, Ill. Car construction. 2,167,362; July 25.
Hinde & Dauch Paper Company, The. (See Drewsen, Pierre, assignor.)
Hinde & Dauch Paper Company, The. (See Loth, Gaylord, assignor.)
Hinde & Dauch Paper Company, The. (See Roberts, Paul, assignor.)
Hinde, Marion K., Atlanta, Ga. Automatic circuit breaker. 2,155,758; Apr. 25.
Hinden, Henrique, Rio de Janeiro, Brazil. Centrifugal clutch for motor cars. 2,173,204; Sept. 19.
Hinderer, Heinrich. (See Behne, R., and Hinderer.)
Hinderliter, Frank J., Tulsa, Okla. Rotary tool joint. 2,147,254; Feb. 14.
Hinderliter, Frank J., Tulsa, Okla. Rotary tool joint. 2,150,221; Mar. 14.
Hindle, Thomas, and S. Lord, Blackburn, England. Paper maker's drier felt. 2,180,054; Nov. 14.
Hindman, Earl E., Washington, D. C. Rotary tool. 2,151,274; Mar. 21.
Hindrichs, Albert J. (See Schuricht, A. G., and Hindrichs.)
Hindry, Walter F. (See Reichel, F. H., and Hindry.)
Hinds, Sherwood. (See Jauch, R. J., Sturm, Hinds, and Thompson.)
Hinegardner, Wilbie S. (See Reichert, J. S., Hinegardner, and Potter.)
Hineline, Edson S., assignor to The Folmer Graflex Corporation, Rochester, N. Y. Camera structure, particularly for color separation. 2,145,793; Jan. 31.
Hineline, Edson S., assignor to The Folmer Graflex Corporation, Rochester, N. Y. Range and view finder and camera mechanism functionally equipped therewith. 2,167,435; July 25.
Hineline, Edson S., assignor to The Folmer Graflex Corporation, Rochester, N. Y. Camera mechanism having correlated range and view finder. 2,167,436; July 25.
Hineline, Edson S., assignor to The Folmer Graflex Corporation, Rochester, N. Y. Range and view finder. 2,178,857; Nov. 7.
Hineline, Edson S., assignor to The Folmer Graflex Corporation, Rochester, N. Y. Combination range and view finder. 2,179,851; Nov. 14.
Hines, Charles, New York, N. Y. Window cleaner's guard. 2,171,446; Aug. 29.
Hines, Clarence W., assignor to Chicago Bridge & Iron Company, Chicago, Ill. Welding apparatus. Re. 21,101; May 30.
Hines, Claude M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Switch control system. 2,156,689; May 2.
Hines, Claude M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Switch control system. 2,156,690; May 2.
Hines, Claude M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Switch control circuits. 2,156,691; May 2.
Hines, Claude M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway switch controlling apparatus. 2,163,838; June 27.
Hines, Garde J., Kansas City, Mo. Asphaltic sand rock composition and producing same. 2,162,720; June 20.
Hines, Glen C., Raymondville, Tex. Rafter square. 2,176,798; Oct. 17.
Hines, James F., Lakewood, Ohio. Precision flask and jacket. 2,154,749; Apr. 18.
Hines, Posie L., Roanoke, Va. Sprayer. 2,159,894; May 23.
Hingst, Rudolf, assignor to Rheinmetall-Borsig Aktiengesellschaft, Berlin-Tegel, Germany. Boiler feeding pump and operating the same. 2,169,418; Aug. 15.
Hiniker, Benjamin F., Taft, Calif. Oil well spider. 2,151,208; Mar. 21.
Hinkle, James C. (See Scheider, F. E., and Hinkle.)
Hinlein, Milton J. (See Hinlein, Stanley H. and M. J.)
Hinlein, Stanley H. and M. J., Elkins Park, Pa.; said S. H. Hinlein assignor to said M. J. Hinlein. Ladder unit for Venetian blinds. 2,142,900; Jan. 3.
Hinman, A. M. (See Smith, Beauford B., assignor.)
Hinman, Albert H., Florida City, Fla. Tomato lug filler. 2,168,100; Aug. 1.

Hinman, George L., assignor to The Greist Manufacturing Company, New Haven, Conn. Hemstitching attachment for sewing machines. 2,154,680; Apr. 18.
Hinman, George L., assignor to The Greist Manufacturing Company, New Haven, Conn. Sewing machine attachment. 2,175,293; Oct. 10.
Hinman, George L., and O. Balzano, assignors to The Greist Manufacturing Company, New Haven, Conn. Adjustable bedplate attachment for sewing machines. 2,148,987; Feb. 28.
Hinman, Joseph M. (See Fulton, L. D., and Hinman.)
Hinman, Walker M., Winnetka, assignor to The Frederick Post Company, Chicago, Ill. Manufacture of diazo type material. 2,157,206; May 9.
Hinman, Walker M., Winnetka, and W. G. Hollmann, assignors to The Frederick Post Company, Chicago, Ill. Manufacture of tertiary amine of the dimethyl aniline type. 2,150,832; Mar. 14.
Hinman, Walker M., Winnetka, and W. G. Hollmann, assignors to The Frederick Post Company, Chicago, Ill. Manufacture of blue-print sheets. 2,154,506; Apr. 18.
Hinman, Walker M., Winnetka, and W. G. Hollmann, Chicago, Ill. Manufacture of para diazonium tertiary amines. 2,178,585; Nov. 7.
Hinman, Wilbur S., Jr., Springfield, Mass., assignor to the Government of the United States. Radio direction finder. 2,145,876; Feb. 7.
Hinnekens, Maurice G., Paterson, N. J. Chuck. 2,156,089; Apr. 25.
Hinnekens, Maurice G., Paterson, N. J. Treating fabrics. 2,156,090; Apr. 25.
Hinricher, Gerhardt A., assignor to Reynolds Electric Company, Chicago, Ill. Tensioning device. 2,163,039; June 20.
Hinrichs, Ferdinand, Kenosha, Wis. Valve. 2,156,498; May 2.
Hinrichsen, Edward E. (See Goodrum, C. L., Hinrichsen, and Keller.)
Hinsch, Walter H., assignor to Dearborn Chemical Company, Chicago, Ill. Blow-off apparatus for locomotive boilers. 2,146,144; Feb. 7.
Hinsch, Walter H., assignor to Dearborn Chemical Company, Chicago, Ill. Blow-off valve. 2,171,240; Aug. 29.
Hinsch, Walter H., assignor to Dearborn Chemical Company, Chicago, Ill. Water treatment apparatus. 2,184,346; Dec. 26.
Hinsdale, Clare L. (See Russert, E. J., and Hinsdale.)
Hinsen, Ralph C., Denver, Colo. Game and playing piece therefor. 2,151,030; Mar. 21.
Hinsey, Robert S., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Grinding machine. 2,166,356; July 18.
Hinshaw, Ira, Topeka, Kans. Spring suspension for vehicles. 2,184,188; Dec. 19.
Hinsky, Anthony P., assignor to Pyro Products Corporation, Brooklyn, N. Y. Machine for marking electric conductors. 2,184,552; Dec. 26.
Hinton, Edward M., and W. A. Brandt, Drexel Hill, Pa.; said Brandt assignor to said Hinton. Accelerator governor linkage. 2,179,788; Nov. 14.
Hinton, Ora A., New York, N. Y., assignor of one-half to L. De Stramp, Washington, D. C. Door and guard. 2,177,617; Oct. 24.
Hinton, Roy, Panhandle, Tex. Trailer brake. 2,155,547; Apr. 25.
Hintz, Paul, Marshall, Tex., and A. H. Schmidtke, assignors to St. Joseph Iron Works, St. Joseph, Mich. Basket cover fastener. 2,163,120; June 20.
Hintze, Harry, Rock Hill, S. C., and J. J. Dolphi, Cranston, R. I. Textile printing machine. 2,170,286; Aug. 22.
Hintze, Rudolf, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Compression refrigerating apparatus. 2,156,628; May 2.
Hintze, Rudolf, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Refrigerating apparatus of the compression type. 2,161,960; June 13.
Hintze, Rudolf, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Atkiengesellschaft, Berlin-Siemensstadt, Germany. Device for facilitating the starting of refrigerating apparatus of the compressor type. 2,164,405; July 4.
Hintze, Rudolf, Berlin-Charlottenburg, assignor to Patentverwertungs-Gesellschaft mit beschränkter Haftung "Hermes", Berlin, Germany. Refrigerating apparatus of the compression type. 2,177,827; Oct. 31.
Hipp, Augusta F., St. Joseph, Mo. Clothes supporting attachment for ironing boards. 2,165,548; July 11.
Hipple, Hermann, assignor to W. Müller, Munich, Germany. Telephonograph. 2,171,366; Aug. 29.
Hipple, Hermann, Munich, assignor, by mesne assignments, to F. Forg, Solln, near Munich, Germany. Grinding disk. 2,173,555; Sept. 19.
Hipple, James L. (See Graham, W. S., and Hipple.)
Hipsh, Charles. (See Pullins, Atwood V., assignor.)
Hirn, Charles M., Cincinnati, Ohio, assignor to The Mosler Lock Company, Covington, Ky. Time delay combination lock. 2,152,258; Mar. 28.
Hirohashi, Tannen, Koishikawa-ku, Tokyo-Shi, Japan. Cutting and folding machine. 2,176,815; Oct. 17.
Hiromi, Tetsutaro, Tokyo, Japan. Manufacturing method of the piston ring operative on every part of the cylinder with balanced compression. 2,171,831; Sept. 5.
Hironaka, Yasusaburo. (See Tsuneda, K., and Hironaka.)
Hironaka, Yasusaburo, Tsuwano-cho, Kanoashi-gun, assignor of one-half to K. Tsuneda, Kyoto, Japan. Internal combustion engine automatic compression ratio varying means. 2,153,691; Apr. 11.
Hirsch, Abraham, Brooklyn, N. Y. Electrician's drill. 2,167,153; July 25.
Hirsch, Fred B., East Providence, R. I., assignor to Dodgeville Finishing Company, Inc., Attleboro, Mass. Starch applying machine. 2,159,949; May 23.
Hirsch, Fred B., East Providence, R. I. Fluffing machine. 2,159,950; May 23.
Hirsch, Henry, and S. Englander, Jersey City, N. J. Beer pipe cleaning apparatus. 2,146,895; Feb. 14.
Hirsch, Henry D., Chicago, Ill. Film feeding device for projection apparatus. 2,174,660; Oct. 3.
Hirsch, Lee, New York, N. Y. Setting for precious stones. 2,172,613; Sept. 12.
Hirsch, Louis, Textile Machines, Inc. (See Ruckel, Erwin, assignor.)
Hirsch, Nicholas, Budapest, Hungary. Process and arrangement for increasing the maximum output of electron tubes. 2,175,990; Oct. 10.
Hirsch, Paul A. (See Hodson, F., and Hirsch.)
Hirsch, Raymond S., Viroqua, assignor of one-half to I. J. Wilson, Portage, Wis. Obstetrical receptor pad. 2,154,332; Apr. 11.
Hirsch, Richard. (See Mars, G., and Hirsch.)
Hirsch, Samuel, assignor to A. Mutscheller, New York, N. Y. High voltage and high vacuum discharge device. 2,168,872; Aug. 8.
Hirsch, Willi. (See Walther, W., and Hirsch.)
Hirschbeck, Josef. (See Haeuber, H., and Hirschbeck.)
Hirschberg, Charles A., Mountain Lakes, N. J. Detachable drill bit. 2,158,120; May 16.
Hirschberg, Charles A., Mountain Lakes, N. J. Auxiliary fog lens for automobiles. 2,158,121; May 16.
Hirschberg, Charles A., Mountain Lakes, N. J. Container. 2,161,295; June 6.
Hirschberg, Charles A., Mountain Lakes, assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Portable drilling rig. 2,162,552; June 13.
Hirschberg, Charles A., Mountain Lakes, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Portable drilling rig. 2,162,553; June 13.
Hirche, Willy, Leopoldshain, near Gorlitz, assignor, by mesne assignments, to E. Rothenberg, Berlin, Germany. Refrigerator. Re. 21,033; Mar. 21.
Hirschkind, Wilhelm, Berkeley, D. J. Pye, Pittsburg, Calif., and E. G. Thompson, Seattle, Washington, assignors, by mesne assignments, to The Dow Chemical Company, Midland, Mich. Bleaching. 2,161,045; June 6.
Hirschman, Arthur, Detroit, Mich. Skate and making same. 2,179,852; Nov. 14.
Hirschman, Frederick C., Chicago, and N. Johnson and J. E. Stringfellow, Villa Park, Ill.; said Johnson assignor, by mesne assignments, to said Hirschman and said Stringfellow. Engraving die. 2,143,243; Jan. 10.
Hirschman, Jerome C., Indianapolis, Ind. Wire spring structure. 2,161,165; June 6.
Hirschman, W. F., Co. (See Hirschman, William F., assignor.)
Hirschman, William F., assignor to W. F. Hirschman Co., Inc., Buffalo, N. Y. Structural curb. 2,168,798; Aug. 8.
Hirschmann, Winfred B., Chicago, Ill., assignor, by mesne assignments, to American Colloid Co., Lead, S. Dak. Method and means for increasing the strength of bentonitic clay gels. 2,167,455; July 25.
Hirshfeld, C. F., et al., trustees. (See Greger, Herbert H., assignor.)
Hirshfeld, Clarence F., Detroit, Mich., assignor to Transit Research Corporation, New York, N. Y. Hub construction. 2,161,164; June 6.
Hirshfeld, Clarence F., Detroit, Mich., assignor to Transit Research Corporation, New York, N. Y. Spring securing means. 2,175,118; Oct. 3.
Hirshfeld, Clarence F., Detroit, Mich., and A. H. Brown, assignors, by mesne assignments, to Transit Research Corporation, New York, N. Y. Anti-wheel-lock system. 2,182,694; Dec. 5.
Hirst, Cecil, Withington, Manchester, England. Gauging, measuring, setting, indexing, and like instrument or device. 2,144,972; Jan. 24.
Hirstel, Dave. (See Bendheim F., and Hirstel.)
Hirtenstein, Max M., Jamaica, assignor to Ben Hur Products, Inc., New York, N. Y. Sunglasses. 2,172,959; Sept. 12.
Hirth, Albert, deceased, by A. Koch, executor, Stuttgart, Germany. Multiple fountain pen. 2,144,658; Jan. 24.
Hirth, George W., Milwaukee, Wis. Concrete cutting device. 2,159,699; May 23.
Hirvonen, Eric J., assignor to Leland-Gifford Company, Worcester, Mass. Boring machine. 2,181,055; Nov. 21.
Hiscock, John T., Chicago, Ill. Tool-holding device. 2,170,590; Aug. 22.
Hiser, Homer E., Decatur, Ill. Straw buncher. 2,152,644; Apr. 4.
Hitch, Emmet F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Monazo dyes for cellulose esters and ethers. 2,173,054; Sept. 12.
Hitch, Emmet F., and S. S. Rossander, Wilmington, Del., and D. E. Kvalnes, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Monazo dyes. 2,173,052; Sept. 12.

Hitch, Emmet F., Wilmington, Del., and D. E. Kvalnes, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dye for cellulose esters and ethers. 2,173,053; Sept. 12.
Hitch, Emmet F., Wilmington, Del., and D. E. Kvalnes, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Monazo dyes for cellulose esters and ethers. 2,173,055; Sept. 12.
Hitch, Emmet F., and S. S. Rossander, Wilmington, Del., and D. E. Kvalnes, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyes for cellulose esters and ethers. 2,173,056; Sept. 12.
Hitchcock, Albert E. (See Zimmerman, P. W., and Hitchcock.)
Hitchcock, Floyd G., Detroit, Mich. Clip. 2,143,440; Jan. 10.
Hitchcock, Harold W., Apponaug, R. I., assignor to Universal Winding Company, Boston, Mass. Slub catcher or yarn cleaner. 2,155,900; Apr. 25.
Hitchcock, Richard C., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Contact rectifier. 2,151,762; Mar. 28.
Hitchcock, William J., Scotia, N. Y. Razor blade or other cutting edge. 2,150,549; Mar. 14.
Hitchcock, William J., Scotia, N. Y. Electric lamp. 2,166,781; July 18.
Hitchens, Thomas B., assignor to R. O. Dulany, Fruitland, Md. Machine for operating on fruits and the like. 2,182,538; Dec. 5.
Hiteshew, James W. R., Columbus, Ohio. Glassware foot making machine. 2,157,985; May 9.
Hitt, Ira V. (See Toole, H. S., and Hitt.)
Hitt, Maurice V. (See Cochran, P. B., Hitt, and Van Taylor.)
Hitt, Raymond C., Seattle, Wash. Machine for making firecrackers. 2,179,373; Nov. 7.
Hitt, Thomas G. (See Bunt, A. P., and Hitt.)
Hittle, Dalphin L. (See Hartzell, H. L., and Little.)
Hitzeman, Arthur C., Roselle, assignor to D. C. Rockola, Chicago, Ill. Parking meter. 2,161,046; June 6.
Hixon, Alfred J., Braintree, Mass. Cable tapping device. 2,154,163; Apr. 11.
Hixon, Alfred J., Braintree, Mass. Manufacturing articles. 2,156,692; May 2.
Hixon, Alfred J., Braintree, Mass. Connector. 2,159,153; May 23.
Hixon, Alfred J., Braintree, Mass. Cable tapping device. 2,159,154; May 23.
Hixon, Alfred J., Braintree, Mass. Cable splice and the like. 2,182,896; Dec. 12.
Hixon, Hiram W., Allentown, Pa. Method of and apparatus for stripping oil sands. 2,173,556; Sept. 19.
Hixson, Arthur W., Leonia, N. J., and R. Miller, New York, N. Y., assignors to The Chemical Foundation, Incorporated. Solvent refining of petroleum products. 2,143,415; Jan. 10.
Hiza, Paul, Fairfield, Conn. Hardware. 2,169,985; Aug. 15.
Hjelte, Marshall C., Honolulu, assignor to Hawaiian Pineapple Company, Limited, Honolulu, Hawaii. Fruit cutting device. 2,175,170; Oct. 10.
Hjulian, Julius A., Winnetka, Ill. Time switch. 2,183,886; Dec. 19.
Hloch, Albert. (See Balz, P., and Hloch.)
Hoag, Roderick W., Melrose, Mass. Folding box. 2,147,898; Feb. 21.
Hoag, Roderick W., Melrose, Mass. Folding box. 2,150,443; Mar. 14.
Hoag, Roderick W., Melrose, Mass. Folding box. 2,158,578; May 16.
Hoag, Roderick W., Melrose, Mass. Folding box. 2,159,378; May 23.
Hoag, Roderick W., Melrose, Mass. Folding box. 2,161,675; June 6.
Hoagland, Frank O., West Hartford, assignor to Niles-Bement-Pond Company, Hartford, Conn. Bench lathe. 2,167,755; Aug. 1.
Hoague-Sprague Corporation. (See Knowlton, Cutler D., assignor.)
Hoar, Herbert H. (See Vokaty, Joseph E., assignor.)
Hoar, Stedman B. (See Stephens, H. C., and Hoar.)
Hoard, James R., assignor to Oil Well Survey Instrument Company, Houston, Tex. Deviation recording device. 2,173,745; Sept. 19.
Hoare, Stephen C., Manchester, Mass., assignor to General Electric Company. Repulsion-attraction type current responsive instrument. 2,183,566; Dec. 19.
Hoban, Fairfield W., assignor to Stewart & McGuire, Inc., New York, N. Y. Dispensing machine. 2,157,207; May 9.
Hoban, Fairfield W., assignor to Stewart & McGuire, Inc., New York, N. Y. Coin classifier and slug detector. 2,170,897; Aug. 29.
Hobart Brothers Company, The. (See Hobart, Edward A., assignor.)
Hobart, Edward A., Troy, Ohio. Electric apparatus power saver. 2,170,861; Aug. 29.
Hobart, Edward A., assignor to The Hobart Brothers Company, Troy, Ohio. Welding apparatus. 2,176,341; Oct. 17.
Hobart, Floyd B., assignor to Battelle Memorial Institute, Columbus, Ohio. Making clay products. 2,171,290; Aug. 29.
Hobart, Franklin G., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Magneto. 2,175,664; Oct. 10.
Hobart, Garret A., 3d, Tuxedo Park, N. Y., assignor to General Electric Company. High frequency apparatus. 2,156,016; Apr. 25.
Hobart, Garret A., 3d, Tuxedo Park, N. Y., assignor to General Electric Company. High frequency apparatus. 2,156,017; Apr. 25.
Hobart, Henry M., Niskayuna, N. Y., assignor to General Electric Company. High potential terminal. 2,160,660; May 30.
Hobart, Henry M., Niskayuna, N. Y., assignor to General Electric Company. High tension gas insulated cable. 2,167,510; July 25.
Hobart, Henry M., Niskayuna, N. Y., assignor to General Electric Company. Electrical system for power transmission. 2,173,717; Sept. 19.
Hobart Manufacturing Company, The. (See Jensen, Donald G., assignor.)
Hobart Manufacturing Company, The. (See Johnston, Herbert L., assignor.)
Hobart Manufacturing Company. (See Meeker, D. A., and Geiger, assignors.)
Hobart Manufacturing Company, The. (See Meeker, D. A., and Johnston, assignors.)
Hobart Manufacturing Company, The. (See Meeker, D. A., and Slager, assignors.)
Hobbs, Charles C., Alameda, Calif. Instrument for the solution of the astronomical triangle. 2,151,970; Mar. 28.
Hobbs, Clarence A. (See Bond, E. R., and Hobbs.)
Hobbs, Edward W., Pinner, England. Cinematograph apparatus. 2,163,092; June 20.
Hobbs, Frank D., Huntington Park, assignor to Sol Core Barrel Co., Compton, Calif. Cable tool jar. 2,143,349; Jan. 10.
Hobbs, Harold B., Omaha, Nebr. Hair curling device. 2,150,504; Mar. 14.
Hobbs, John W., assignor to The George W. Borg Corporation, Chicago, Ill. Electric clock mechanism. 2,146,119; Feb. 7.
Hobbs, John W., Long Island City, and C. Hart, Brooklyn, N. Y. Game. 2,145,394; Jan. 31.
Hobbs, John W., Corporation. (See Hobbs, John W., assignor.)
Hobbs, John W., assignor to John W. Hobbs Corporation, Springfield, Ill. Automatic switch lamp socket. 2,167,756; Aug. 1.
Hobbs Sales & Service Station, Inc. (See Fischer, Arnold F., assignor.)
Hobbs Sales & Service Station, Inc. (See Minkow, Robert, assignor.)
Hobbs, Thomas J., Macon, Ga. Destructible license tag. 2,177,320; Oct. 24.
Hobbs, Travis R., San Dimas, Calif. Self-cleaning water fountain. 2,165,753; July 11.
Hoblitzell, Fred G., et al. trustees. (See Williamson, Henry C., assignor.)
Hobson, Benjamin F., Monticello, Ark. Power operated fan. 2,143,070; Jan. 10.
Hobson, Ivan H., Oakland, and C. A. Britton, Alameda, Calif. Compounding system and suspension for weighing and testing machines. 2,167,075; July 25.
Hobson, Leland S., Yeadon, Pa., assignor to General Electric Company. Electric circuit breaker. 2,159,829; May 23.
Hobson, Leland S., Yeadon, Pa., assignor to General Electric Company. Electric circuit breaker. 2,159,830; May 23.
Hobson, Norman S. (See Wilson, J. A., and Hobson.)
Hobson, Richard M., and E. Shotton, Hamilton, Ontario, Canada. Closure for squeeze tubes. 2,171,700; Sept. 5.
Hobson, Roy C., Cleveland Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck. 2,170,862; Aug. 29.
Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Gas range. 2,153,086; Apr. 4.
Hobson, T. Frank. (See Cross, James R., assignor.)
Hobson, Walter, Philadelphia, Pa., and H. H. Woodrow, Milford, Del. Track rail grinding machine. 2,163,908; June 27.
Hobstetter, Charles A., and J. P. Gillis, Martins Ferry, Ohio, and A. L. Milton, Wheeling, W. Va., assignors to Wheeling Steel Corporation, Wheeling, W. Va. Burner construction. 2,161,865; June 13.
Hoch, Edward G., Minneapolis, Minn. Cooler. 2,169,914; Aug. 15.
Hoch, Fred W., Forest Hills, N. Y. Testing for ink requirements. 2,167,652; Aug. 1.
Hoch, John, Corona, Long Island, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Combined dropper and cap. 2,145,223; Jan. 24.
Hoch, Winton C. (See Ball, J. A., and Hoch.)
Hochbaum, Caroline. (See Hawkins, Irving J., assignor.)
Hochberger, John, Chicago, Ill. Sewer rod guide. 2,163,947; June 27.
Hocher, Andrew A., Etna, Pa., assignor to Hubbard and Company. Insulator. 2,174,723; Oct. 3.
Hochgraf, Lester, Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cross-talk measuring and correcting apparatus. 2,183,140; Dec. 12.

Hochheimer, Ernst, Aachen, Germany. Mirror device for looms for ascertaining from the position of the weaver breaking of warp threads or the like in the loom. 2,171,493; Aug. 29.
Hochherr, Ferdinand, Heidelberg, Baden, Germany. Cigar mold. 2,169,839; Aug. 15.
Hochstadter, Martin, Brussels, Belgium. Multiconductor cable. 2,147,095; Feb. 14.
Hochstadter, Martin, Brussels, Belgium, assignor to Protona A. G. Therwil Baselland, Switzerland. Armor for sheaths of electric cables. 2,147,096; Feb. 14.
Hochstim, Samuel, Schenectady, N. Y. Dispenser. 2,180,468; Nov. 21.
Hochtheil, Ignatz, New York, N. Y. Visible accordion record file. 2,151,469; Mar. 21.
Hochwalt, Carroll A. (See Ault, W. C., and Hochwalt.)
Hochwalt, Carroll A., and M. Plunguian, Dayton, assignors to The Mead Corporation, Chillicothe, Ohio. Production of phenol-aldehyde-lignin resins. 2,168,160; Aug. 1.
Hock, Alvin, and A. F. Steioff, Cincinnati, Ohio; said Steiff assignor to said Hock. Cooler. 2,179,721; Nov. 14.
Hocke, John, Chicago, Ill. Cap retainer. 2,155,759; Ar. 25.
Hockelberg, Raymond W., et al. (See Baird, L., assignor.)
Hocker, Fred. (See Welk, N. S., and Hocker.)
Hockert, Walter E., Sutherland, Iowa. Tensioning device. 2,142,608; Jan. 3.
Hockett, Wayne A., Waseca, Minn. Motor wheel unit. 2,150,833; Mar. 14.
Hockey Roller Skate Co. (See Burton, John N., assignor.)
Hocking, Alfred. (See Jauch, J. A., and Hocking.)
Hockley, Adelaide. (See Rummel, Reba B., assignor.)
Hockley, Owen A., Lebanon, Pa. Electric lamp guard. 2,178,907; Nov. 7.
Hockman, Roger E., assignor to The Raymond Bag Company, Middletown, Ohio. Method and apparatus for closing bags. 2,144,154; Jan. 17.
Hockschulz, Alfred, Chicago, Ill., assignor to Askania-Werke A. G. Fluid pressure relay. 2,166,705; July 18.
Hodaly, Emerick, Detroit, Mich. Soft shoe. 2,143,556; Jan. 10.
Hodaly, Emerick, Detroit, Mich. Electric blending vaporizer. 2,184,872; Dec. 26.
Hodapp, Walter L. (See Payson, P., Bergen, and Hodapp.)
Hodell Chain Company, The. (See Hodell, Frederick G., assignor.)
Hodell, Frederick G., Cleveland Heights, assignor to The Hodell Chain Company, Cleveland, Ohio. Tire chain for tractors. 2,149,342; Mar. 7.
Hodell, Frederick G., Cleveland Heights, assignor to The Hodell Chain Company, Cleveland, Ohio. Tire chain for tractors. 2,178,041; Oct. 31.
Hodgdon, Paul E. (See Hodgdon, Theodore A. and P. E.)
Hodgdon, Theodore A., Whitingham, Vt. Apparatus for the manufacture or reduction of laminated sheet material. 2,158,754; May 16.
Hodgdon, Theodore A., Wilbraham, Mass., and P. E. Hodgdon, Readsboro, Vt. Laminated sheet material for use in making paper bags or wrappers. 2,158,755; May 16.
Hodge, Edward B. (See Martin, J., and Hodge.)
Hodge, Edward B., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Cyclic process for the production of nitroparaffins. 2,150,120; Mar. 7.
Hodge, James C., Barberton, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Welded metallic body and making same. 2,177,927; Oct. 31.
Hodge, Otis T. (See Smith, Charles, assignor.)
Hodge, William B., Charlotte, N. C., assignor to Parks-Cramer Company, Fitchburg, Mass. Self-cleaning nozzle. 2,179,184; Nov. 7.
Hodge, William B., Charlotte, N. C., assignor to Parks-Cramer Company, Fitchburg, Mass. Traveling cleaner. 2,184,880; Dec. 26.
Hodges, Finers F., Dallas, Tex. Well drilling and reaming tool. 2,180,589; Nov. 21.
Hodges, William O., San Antonio, Tex. Electric door switch. 2,153,835; Apr. 11.
Hodgins, Theodore S. (See Hovey, A. G., and Hodgins.)
Hodgins, Theodore S., Royal Oak, assignor to Reichhold Chemicals, Inc., formerly Beck, Koller & Company, Inc., Detroit, Mich. Improving drying properties of oils. 2,167,206; July 25.
Hodgins, Theodore S., Detroit, and A. G. Hovey, Pleasant Ridge, Mich. Water-soluble urea-formaldehyde-ethylene glycol condensation products and producing the same. 2,168,477; Aug. 8.
Hodgins, Theodore S., Detroit, and A. G. Hovey, Pleasant Ridge, assignors, by mesne assignments, to Reichhold Chemicals, Inc., Detroit, Mich. Water-soluble urea-formaldehyde ethylene glycol condensation products. 2,185,167; Dec. 26.
Hodgkins, Albert F., and A. M. C. Jameson, Slough, England. Apparatus for reconditioning or painting pipe lines. 2,158,579; May 16.
Hodgkinson, John E., Riverhead, N. Y. License plate fastener. 2,177,215; Oct. 24.
Hodgman, Frederick S., Glen Rock, N. J., assignor, by mesne assignments, to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,171,177; Aug. 29.
Hodgman, Frederick S., Glen Rock, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Electrohydraulic telemotor. 2,175,799; Oct. 10.
Hodgman, Frederick S., Glen Rock, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Electrohydraulic steering gear. 2,175,800; Oct. 10.
Hodgman, Frederick S., Glen Rock, N. J., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Positional control motor. 2,180,205; Nov. 14.
Hodgman, Willis K., Jr., Taunton, Mass. Pendant sprinkler head. 2,155,990; Apr. 25.
Hodgson, Howard E. (See Defandorf, J. L., and Hodgson.)
Hodgson, Howard E., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Lifting magnet. 2,160,019; May 30.
Hodgson, Howard E., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electromagnetic brake. 2,164,521; July 4.
Hodler, Adolf, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of synthetic resins. 2,145,050; Jan. 24.
Hodnett, Dempsey T. (See Nicholas, K. C., and Hodnett.)
Hodnette, John K., and A. D. Forbes, Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Discharge gap protective device. 2,147,440; Feb. 14.
Hodnette, John K., and A. D. Forbes, Sharon, Pa., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Discharge-gap device. 2,151,763; Mar. 28.
Hodos, Steve J., San Francisco, Calif. Retarding escapes. 2,152,052; Mar. 28.
Hodson Corporation, The. (See Hodson, Walter D., assignor.)
Hodson, Frank, and P. A. Hirsch, New York, N. Y. Beneficiating or reducing ores to metal. 2,184,300; Dec. 26.
Hodson, Walter D., assignor to The Hodson Corporation, Chicago, Ill. Multiple press lubricator. 2,164,273; June 27.
Hoe, R., & Co. (See Boaz, Arthur R., assignor.)
Hoe, R., & Co. (See Clauberg, Herman P., assignor.)
Hoe, R., & Co. (See De Manna, Nicholas, assignor.)
Hoe, R., & Co. (See Ginsberg, C. W., and Freeman, assignors.)
Hoe, R., & Co. (See Horton, Albert J., assignor.)
Hoe, R., & Co. (See Horton, A. J., and Freeman, assignors.)
Hoe, R., & Co. (See Huck, William F., assignor.)
Hoe, R., & Co. (See Keller, G. M., and Huck, assignors.)
Hoe, R., & Co. (See Lougee, F. G., and Horton, assignors.)
Hoe, R., & Co. (See Lundquist, A., Freeman, and Wieking, assignors.)
Hoe, R., & Co. (See Quick, C. G., and Shadrack, assignors.)
Hoe, R., & Co. Inc. (See Stone, Leslie N., assignor.)
Hoe, R., & Co. (See Wieking, William C., assignor.)
Hoe, R., & Co. (See Zuckerman, Adolph M., assignor.)
Hoecker, Albert C., St. Louis, Mo. Parking device. 2,162,257; June 13.
Hoedemaker, Meijlom, Heemstede, Netherlands. Plug. 2,148,945; Feb. 28.
Hoefer, Chester A., assignor to Hoefer Mfg. Co., Inc., Freeport, Ill. Multiple spindle machine tool. 2,183,743; Dec. 19.
Hoefer Mfg. Co. (See Hoefer, Chester A., assignor.)
Hoeffelman, Johan M. (See van Peski, A. J., and Hoeffelman.)
Hoefner, Regina, Columbus, Ohio. Valance-supporting device. 2,172,658; Sept. 12.
Hoeft, Adolph R., Evanston, Ill. Oil burner. 2,166,065; July 11.
Hoehl, Charles, Brooklyn, N. Y. Convertible chair bed. 2,155,490; Apr. 25.
Hoekstra, Harold D., Wayne, Mich., assignor, by mesne assignments, to Aviation Manufacturing Corporation, Chicago, Ill. Airplane control. 2,153,667; Apr. 11.
Hoell, Henry E., et al. (See Josephs, Henry, assignor.)
Hoell, John E., et al. (See Josephs, Henry, assignor.)
Hoelsche, George J. J. (See Komorowski, Joseph, assignor.)
Hoelscher, Walter W., Detroit, Mich. Camp stove. 2,173,166; Sept. 19.
Hoelscher, William G., Norwood, assignor to The American Tool Works Company, Cincinnati, Ohio. Electrically controlled automatic lathe. 2,172,999; Sept. 12.
Hoelscher, William G., Norwood, assignor to The American Tool Works Company, Cincinnati, Ohio. Tapering attachment for lathes. 2,173,557; Sept. 19.
Hoener, Samuel T. (See Panzegrau, N. O., and Hoener.)
Hoenie, Norman J. (See Landis, G. G., and Hoenie.)
Hoenig, Heinrich, Dusseldorf, Germany, assignor to R. Collins and J. J. Sheridan, Dublin, Ireland, and P. M. Scher, London, England. Manufacture of hollow bodies and containers from artificial resins. 2,181,786; Nov. 28.
Hoenigsberger, Harry L., Chicago, Ill. Sample carrier. 2,167,363; July 25.
Hoepfner, Edward P., Roosevelt, Okla. Floating tractor hitch. 2,184,044; Dec. 19.
Hoeppner, Fred, Milwaukee, Wis. Brake pedal jack. 2,171,832; Sept. 5.

Hoerichs, Edward, Baltimore, Md. Water closet for boats. 2,158,938; May 16.
Hoern, Joseph H. (See Welsmiller, F. A., and Hoern.)
Hoern, Joseph H., Saginaw, Mich., assignor, by mesne assignments, to Eaton Manufacturing Company, Cleveland, Ohio. Making self-locking screws. 2,147,899; Feb. 21.
Hoern, Joseph H., Saginaw, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Self-locking adjusting screw. 2,166,686; July 18.
Hoern, Joseph H., Birmingham, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Valve tappet. 2,150,444; Mar. 14.
Hoern, Joseph H., Birmingham, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Valve tappet. 2,178,724; Nov. 7.
Hoerr, Frederick G., St. Louis, Mo. Dividing wall for pans. 2,161,624; June 6.
Hoess, Frank L., Hammond, Ind. Metallic building unit. 2,178,357; Oct. 31.
Hoetze, Frederick W. (See Goetze, Hermann, assignor.)
Hoeveler, John A., Mount Lebanon, assignor to Pittsburgh Reflector Company, Pittsburgh, Pa. Reflector. 2,177,717; Oct. 31.
Hofeditz, Wilhelm. (See Klein, H., Haubach, and Hofeditz.)
Hofer, Hermann, assignor to Zahnradfabrik Friedrichshafen Aktiengesellschaft, Friedrichshafen-on-the-Bodensee, Germany. Truing device for grinding wheels. 2,154,938; Apr. 18.
Hofer, Rudolf. (See Böhm, O., and Hofer.)
Hofer, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Phase displacement detector. 2,183,260; Dec. 12.
Hoff, Carlton L., York, Pa. Motor vehicle control. 2,164,921; July 4.
Hoff, George P., and H. H. Parker, Kenmore, N. Y., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Rayon structures and their preparation. 2,154,204; Apr. 11.
Hoffenberg, Isidor, Milford, Conn. Stitch-down shoe structure. 2,165,927; July 11.
Hoffer, James F. (See Snader, I. J., and Hoffer.)
Hoffer, James F., Detroit, Mich., assignor to Ex-Cell-O Corporation. Metering pump. 2,160,735; May 30.
Hoffer, Le Roy H., assignor to Metropolitan Engineering Company, Brooklyn, N. Y. Production of certain tubular units. 2,154,448; Apr. 18.
Hofferberth, George F., and W. H. Teeter, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,169,419; Aug. 15.
Hoffman, Albert F., South Orange, C. Schmutzer, Irvington, and K. Manrodt, Newark, N. J., assignors, by mesne assignments, to The Liquid Carbonic Corporation, Chicago, Ill. Method and machine for filling containers. 2,174,745; Oct. 3.
Hoffman, Alfred, & Company. (See Anderson, V., and Trutner, assignors.)
Hoffman, Allan C., Milldale, assignor to Scovill Manufacturing Company, Waterbury, Conn. Lipstick container. 2,145,832; Jan. 31.
Hoffman, Allan C., Milldale, assignor to Scovill Manufacturing Company, Waterbury, Conn. Lipstick container. 2,165,632; July 11.
Hoffman, Allan C., Milldale, assignor to Scovill Manufacturing Company, Waterbury, Conn. Lipstick container. 2,171,112; Aug. 29.
Hoffman, Andrew. (See Bock, Charles S., assignor.)
Hoffman, Charles, Scarsdale, G. Dalby, New York, and T. R. Schweitzer, South Ozone Park, assignors to Ward Baking Company, New York, N. Y. Inhibition of mold. 2,154,449; Apr. 18.
Hoffman, Cyrus F., assignor to C. V. Hill & Co., Inc., Trenton, N. J. Reflector for display cases. 2,149,768; Mar. 7.
Hoffman, Cyrus F., assignor to C. V. Hill & Company, Incorporated, Trenton, N. J. Refrigerated case. 2,175,396; Oct. 10.
Hoffman, Cyrus F., assignor to C. V. Hill & Co., Inc., Trenton, N. J. Reflector for display cases. 2,149,769; Mar. 7.
Hoffman, Daniel C., et al. (See Rust, Mack D., assignor.)
Hoffman, Daniel C., Yeadon, Pa., assignor to General Electric Company. Protective system. 2,155,229; Apr. 18.
Hoffman-Donner, Dorothy. (See Donner, Josef, assignor.)
Hoffman, Frank, Dorchester, assignor to New England Bedding Company, Medford, Mass. Couch bed. 2,177,353; Oct. 24.
Hoffman, Harley W., Akron, Ohio. Combined blower and powder spraying device. 2,153,419; Apr. 4.
Hoffman, Henry C., Forest Hills, N. Y. Bracket. 2,150,222; Mar. 14.
Hoffman, Herbert E., Brooklyn, N. Y. Assembleable support for articles. 2,152,192; Mar. 28.
Hoffman, John A., Bismarck, N. Dak. Field insect destroyer. 2,182,230; Dec. 5.
Hoffman, Karl. (See Miescher, K., and Hoffmann.)
Hoffman-La Roche Inc. (See Karrer, Paul, assignor.)
Hoffman-La Roche, Inc. (See Warnat, Kurt, assignor.)
Hoffman Lions Mills Company. (See Osborne, Lester C., assignor.)
Hoffman, Max. (See Steinmetz, Julius, assignor.)
Hoffman, Morris J., Chicago, Ill., assignor to International Business Machines Corporation, New York, N. Y. Coupon ticket printing machine. 2,145,654; Jan. 31.
Hoffman, Paul, La Grange, Ill., assignor to The American Brake Shoe and Foundry Company, New York, N. Y. Welded anchor block. 2,174,367; Sept. 26.
Hoffman, Reinhold H. (See Van Bosch, E., and Hoffman.)
Hoffman, Robert W., St. Louis, Mo., and O. F. Juenger, Belleville, Ill., assignors to Johns-Manville Corporation, New York, N. Y. Stove oven. 2,170,409; Aug. 22.
Hoffman, Rose, Hartford, Conn. Marking device and using the same. 2,181,600; Nov. 28.
Hoffman, Rose, Hartford, Conn. Garment marker. 2,182,024; Dec. 5.
Hoffman, Rudolph, Rocky River, Ohio. Trimming wicks. 2,162,401; June 13.
Hoffman, Rudolph, Rocky River, Ohio, assignor to American Stove Company, St. Louis, Mo. Room heater. 2,162,084; June 13.
Hoffman, Rudolph, Rocky River, Ohio, assignor to American Stove Company, St. Louis, Mo. Circulating oil heater. 2,179,041; Nov. 7.
Hoffman, Samuel K., and C. H. Wiegman, Williamsport, Pa., assignors, by mesne assignments, to Aviation Manufacturing Corporation, Chicago, Ill. Internal combustion engine. 2,172,100; Sept. 5.
Hoffman Specialty Company. (See Gillett, M. C., Sanbern, and Roche, assignors.)
Hoffman Specialty Company. (See Simpson, William K., assignor.)
Hoffman, Viola, Cleveland, Ohio. Plating bright zinc. 2,157,129; May 9.
Hoffman, Walter G., Chicago, Ill., assignor to The American Brake Shoe and Foundry Company. Carburizing box. 2,144,374; Jan. 17.
Hoffman, William C., Baltimore, Md. Photographic lighting apparatus. 2,170,529; Aug. 22.
Hoffman, William M., Youngstown, Ohio. Closet ventilator. 2,160,213; May 30.
Hoffmann, Bruno, Berlin-Spandau, Germany, assignor to General Electric Company. Pressure combustion boiler. 2,152,479; Mar. 28.
Hoffmann, Bruno, Berlin-Spandau, Germany, assignor to General Electric Company. Power plant apparatus for aircraft. 2,158,858; May 16.
Hoffmann, Elmer L., assignor to Continental Radio and Television Corp., Chicago, Ill. Electromagnetic switch mounting. 2,174,086; Sept. 26.
Hoffmann, Emil, Cologne-Marienburg, Germany. Method and machine for binding packages with wire. 2,143,316; Jan. 10.
Hoffmann, Gilbert F., Milwaukee, Wis., assignor to Pittsburgh Plate Glass Company. Paint and varnish remover and method for use. 2,176,995; Oct. 24.
Hoffmann, Kerl. (See Miescher, K., and Hoffmann.)
Hoffmann, Kurt, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Motion picture projector. 2,143,328; Apr. 4.
Hoffmann-La Roche Inc. (See Elger, Franz, assignor.)
Hoffmann-La Roche Inc. (See Isler, Otto, assignor.)
Hoffmann-La Roche Inc. (See Karrer, Paul, assignor.)
Hoffmann-La Roche Inc. (See Preiswerk, E., and Schnider, assignors.)
Hoffmann-La Roche, Inc. (See Spiegelberg, Hans, assignor.)
Hoffmann-La Roche Inc. (See Schnider, Otto, assignor.)
Hoffmann-La Roche Inc. (See Wenner, Wilhelm, assignor.)
Hoffmann, Ludwig, Berlin-Hermsdorf, assignor to Gustav Schwarz Kommanditgesellschaft, Berlin, Germany. Air propeller. 2,152,805; Apr. 4.
Hoffmann, Max, Chemnitz, Germany. Card index system. 2,173,332; Sept. 19.
Hoffmann, William H., Davenport, Iowa, assignor to French & Hecht, Incorporated. Wheel structure. 2,161,351; June 6.
Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Table leg. 2,148,353; Feb. 21.
Hoffoss, John E. (See Mackenzie, D., and Hoffoss.)
Hoffoss, John E., assignor to Reed Roller Bit Company, Houston, Tex. Core drilling apparatus. 2,164,652; July 4.
Hoffstetter, Carl H. and R. F., Erie, Pa. Stove and range. 2,157,608; May 9.
Hoffstetter, Robert F. (See Hoffstetter, Carl H. and R. F.)
Hofft, Maurice A., Indianapolis, Ind. Water cooled grate bar. 2,171,848; Sept. 5.
Hofman, Emil. (See Elderkin, J. K., and Hofman.)
Hofmann, Alfred, & Company. (See Trutner, Donald G., assignor.)
Hofmann, Conrad, Leverkusen-I. G. Werk, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Device for filling pneumatic injection syringes. 2,163,240; June 20.
Hofmann, Conrad, Opladen, and A. Kneip, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Container. 2,174,855; Oct. 3.
Hofmann, George F. (See Nathanson, P., and Hofmann.)
Hofmann, Gerhardt. (See Haag, W., Hofmann, and Zorn.)

Hofmann, Gerhard, Leuna, W. Haag, Mannheim, and H. Zorn, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of lubricating oils. 2,165,373; July 11.

Hofmann, Harry E., Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Record blank. 2,184,524; Dec. 26.

Hofmann, Johannes W., Radebeul-Kotzschenbroda, near Dresden, Germany, assignor to Burndy Engineering Co., Inc., New York, N. Y. Cable connector. 2,182,151; Dec. 5.

Hofmann, Joseph F., assignor to Acme White Lead & Color Works, Detroit, Mich. Ornamental coating and material therefor and making same. 2,178,018; Oct. 31.

Hofmeier, Hermann. (See Nowak, P., Tobis, and Hofmeier.)

Hofwolt, Harry E., Luverne, Minn. High pressure cased contraction and expansion joint. 2,149,291; Mar. 7.

Hogan Inventions, Inc. (See Hogan, Kenneth P., assignor.)

Hogan, John V. L., Forest Hills, and H. G. Miller, Sunnyside, assignors to Radio Inventions, Inc., New York, N. Y. Facsimile system. 2,149,292; Mar. 7.

Hogan, John V. L., Forest Hills, and H. G. Miller, Sunnyside, assignors to Radio Inventions, Inc., New York, N. Y. Means and method for facsimile recording. 2,173,113; Sept. 19.

Hogan, Kenneth P., assignor to Hogan Inventions, Inc., Philadelphia, Pa. Toy. 2,148,374; Feb. 21.

Hogan, Sidney J., Chattanooga, Tenn. Ashpan. 2,162,579; June 13.

Hogarth, Donald D., Los Angeles, Calif. Dispensing apparatus for filling stations. 2,169,529; Aug. 15.

Hogarth, Donald D., Los Angeles, Calif. Filling station construction. 2,182,126; Dec. 5.

Hoge, Edward C., assignor to Lathrop-Hoge Gypsum Construction Company, Cincinnati, Ohio. Roof and floor construction. 2,174,581; Oct. 3.

Hoge, John R., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Bottle closure. 2,162,455; June 13.

Hoge, John R., L. D. Soubier, and L. O. Mankin, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Method and automatic device for sealing glass block halves together. 2,182,986; Dec. 12.

Hogencamp, Harold C. (See Clothier, S. L., and Hogencamp.)

Högfors, Hans F. B., Enskede, near Stockholm, Sweden. Cash register, adding and other calculating and accounting machine. 2,143,599; Jan. 10.

Hogg, Emerson E., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Sealing apparatus. 2,176,133; Oct. 17.

Hogg, Emerson E., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Sealing machine. 2,178,664; Nov. 7.

Hogg, Francis M., Erie, Pa., assignor to General Electric Company. Latch. 2,142,845; Jan. 3.

Hogg, Francis, Wesleyville, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Inc., New York, N. Y. Locomotive tender. 2,163,426; June 20.

Hogg, Francis, Wesleyville, Pa., assignor, by mesne assignments, to The Standard Stoker Company, Inc., New York, N. Y. Locomotive tender. 2,163,447; June 20.

Hogg, Frederick D., London, England. Comb brush producing and comb cleaning apparatus. 2,145,445; Jan. 31.

Hogg, Hazel V. (See Hogg, Robert T. and H. V.)

Hogg, Robert T. and H. V., Portland, Oreg., assignors to C. E. Burns, Stamford, Conn. Hair retaining attachment for power razors. 2,180,738; Nov. 21.

Hogg, William C., Pittsburgh, Pa., and L. Rumford, II, Wilmington, Del.; said Rumford assignor to United States Steel Corporation. Automatic fuel regulation of open hearth furnace. 2,177,805; Oct. 31.

Hogg, William J., assignor to The National Acme Company, Cleveland, Ohio. Threading die. 2,163,598; June 27.

Hogle, Stanley L., assignor to Aurora Equipment Company, Aurora, Ill. License plate holder. 2,166,994; July 25.

Hoglund, Oswald K., and F. W. Herbert, Santa Paula, Calif. Paper rack and slicer. 2,172,723; Sept. 12.

Hogue, Henry J., assignor of one-third to C. L. Wasmer and one-third to J. C. Wasmer, Lakewood, Ohio. Reel. 2,145,087; Jan. 24.

Hohf, John P. (See Sherrard, E. C., Beglinger, Hohf, and Bateman.)

Hohf, John P. (See Sherrard, E. C., Beglinger, Hohf, Mitchell, and Bateman.)

Hohl, John. (See Phelps, P., and Hohl.)

Hohl, John, and C. P. Whittier, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Dispensing container. 2,167,437; July 25.

Hohl, Russell L., New York, N. Y. Illuminating device. 2,166,149; July 18.

Hohl, Russell L., New York, N. Y. Illuminating device. 2,182,434; Dec. 5.

Hohlfelder, F., Company, The. (See Hohlfelder, Harvey F., assignor.)

Hohlfelder, Harvey F., Cleveland Heights, assignor to The F. Hohlfelder Company, Cleveland, Ohio. Chaplet. 2,176,179; Oct. 17.

Hohman, William A. (See Bruker, H. W., and Hohman.)

Hohmann, Joseph B., Forest Grove, Oreg. Jar opener. 2,151,209; Mar. 21.

Hohmann, Richard K., Rosedale, N. Y. Sewing machine. 2,144,801; Jan. 24.

Hohmann, Richard K., Rosedale, N. Y. Sewing machine feed mechanism. 2,144,802; Jan. 24.

Höhndorf, Wilhelm, Hanover-Waldheim, Germany. Testing instrument for vehicles. 2,165,894; July 11.

Hohnhorst, Ferdinand J., Covington, Ky. Abrading wheel. 2,162,013; June 13.

Hohwart, William, New York, N. Y. Self-sealing envelope. 2,157,898; May 9.

Hoiland, Albert, Fargo, N. Dak. Grate. 2,185,028; Dec. 26.

Hoile, Harold H. (See Milne, William M., assignor.)

Hojnowski, Jakob, Nekoosa, Wis. Submarine. 2,143,656; Jan. 10.

Hojnowski, Jakob, Nekoosa, Wis. Toy. 2,149,677; Mar. 7.

Hokanson, Martin, assignor to Eidco, Inc., Duluth, Minn. Shelving. 2,143,268; Jan. 10.

Hokanson, Martin, Duluth, Minn., assignor to Eidco, Inc. Drill rod and bit joint. 2,145,262; Jan. 31.

Hokanson, Martin, assignor to Eidco, Inc., Duluth, Minn. Friction joint. 2,147,343; Feb. 14.

Hokanson, Martin, assignor to Eidco, Inc., Duluth, Minn. Drill bit. 2,156,287; May 2.

Hokanson, Martin, assignor to Eidco, Inc., Duluth, Minn. Bimetallic ice rack. 2,157,130; May 9.

Hokanson, Martin, assignor to Eidco, Inc., Duluth, Minn. Refrigerator. 2,163,322; June 20.

Hoke, Frank J., Brendenwood, assignor to Holcomb & Hoke Manufacturing Company, Indianapolis, Ind. Illuminating means for signs and show cases. 2,183,352; Dec. 12.

Hoke, Harry A., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Drop coupler for locomotives. 2,179,789; Nov. 14.

Hoke, John A., assignor of one-half to R. B. Brown, Reading, Pa. Safety device for wringers on washing machines. 2,180,238; Nov. 14.

Hoke, John I., New Carlisle, Ind. Spring tooth harrow. 2,157,702; May 9.

Hoke, William E., Baltimore, Md. Lapping or abrading tool. 2,158,123; May 16.

Hoke, William E., Baltimore, Md. Lapping or grinding. 2,170,328; Aug. 22.

Hoke, William E., Baltimore, Md. Apparatus for lapping or abrading. 2,170,329; Aug. 22.

Hokerk, Lynde D., Utica, assignor to Kerk Guild, Inc., Whitesboro, N. Y. Attaching cord to soap. 2,182,293; Dec. 5.

Holborn, Frederick. (See Eller, K. B., and Holborn.)

Holbrook, Francis C., Brooklyn, and J. C. Zengerle, Floral Park, N. Y. Mechanism for charging refuse-burning furnaces. 2,167,653; Aug. 1.

Holbrook, Joseph H., et al. (See Scheutz, Joseph A., assignor.)

Holbrook, Keith, Salt Lake City, Utah. Milk bucket cover and strainer. 2,171,982; Sept. 5.

Holby, Frank A., assignor to The William F. Kenny Company, New York, N. Y. Fuel tank mounting for trucks. 2,144,292; Jan. 17.

Holcomb & Hoke Manufacturing Company. (See Hoke, Frank J., assignor.)

Holcomb, J. J., Manufacturing Company. (See Otto, William C., assignor.)

Holcomb, Lester, Freeport, assignor to Paramount Fireworks Company, Inc., New York, N. Y. Skyrocket. 2,149,845; Mar. 7.

Holcomb, Lloyd M., Perry, Iowa. Processing yeast for combination with food products. 2,156,499; May 2.

Holcomb, Philo, Jr., Great Neck, and A. Boggs, assignors to The Western Union Telegraph Company, New York, N. Y. Multichannel telegraph system. 2,176,901; Oct. 24.

Holcombe, Homer H., Atlanta, Ga., assignor to Textile Equipment, Inc. Spring side metal shuttle. 2,157,055; May 2.

Holden, Arthur, and W. A. Brown, assignors to Gasolitor Co., Inc., Los Angeles, Calif. Apparatus for producing combustible gas. 2,157,487; May 9.

Holden, Bertha B., executrix. (See Holden, Richard R.)

Holden, Daniel L., et al. (See Wheeler, Joseph, assignor.)

Holden, Dean H., Cleveland, Ohio. Lighting fixture. 2,183,647; Dec. 19.

Holden, James B., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Pigmented rubber hydrohalides. 2,175,801; Oct. 10.

Holden, James B., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Pigmented rubber hydrohalides. 2,175,802; Oct. 10.

Holden, John, Reddish, Stockport, England. Manufacture of sensitized photographic printing paper and cloth. 2,158,422; May 16.

Holden, John, Stockport, England, assignor to Keuffel & Esser Company, Hoboken, N. J. Manufacture of sensitized photographic printing paper and cloth. Re. 21,240; Oct. 17.

Holden, John W. W., Providence, R. I. Hair foundation roll. 2,152,737; Apr. 4.

Holden, N. E. (See Hardacre, R. W., Holden, and Shaw.)

Holden, Orloff W., assignor to Knickerbocker Rubber Company, Chicago, Ill. Shower ring. 2,161,047; June 6.

Holden, Orloff W., assignor to Knickerbocker Rubber Company, Chicago, Ill. Suction cup wall shower bracket. 2,171,875; Sept. 5.
Holden, R. Roy, Inc. (See Holden, Richard R.)
Holden, Richard R., deceased, by B. B. Holden, executrix, Highland Park, assignor, by mesne assignments, to R. Roy Holden, Inc., Chicago, Ill. Overhead trolley system. 2,158,421; May 16.
Holden, Spencer S. (See Bulpit, H. C., and Holden.)
Holden, S. S., Limited. (See Bulpit, H. C., and Holden, assignors.)
Holden, William H. T. (See Bachelet, A. E., and Holden.)
Holden, William H. T., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Peak voltage limiter. 2,155,230; Apr. 18.
Holden, Winfield L. (See Lynch, H. M., and Holden.)
Holder, Brooks R., Richmond, Calif. Protective athletic garment. 2,179,631; Nov. 14.
Holder, Hall G. (See Iller, Alfred J., assignor.)
Holderle, Carl L. (See Holderle, Frederick W. and C. L.)
Holderle, Frederick W. and C. L., Rochester, N. Y. Display tray. 2,143,624; Jan. 10.
Holderle, Frederick W. and C. L., assignors to Chain Store Root Beer Co., Inc., Rochester, N. Y. Beverage dispensing apparatus. 2,167,547; July 25.
Holdsworth Bros., Inc. (See Holdsworth, Harry, assignor.)
Holdsworth, Harry, Bronxville, assignor to Holdsworth Bros., Inc., New York, N. Y. Wall construction. 2,150,061; Mar. 7.
Holek, Václav, assignor to Ceskoslovenska Zbrojovka a. s. Brno, Brunn, Czechoslovakia. Automatic firearm. 2,146,185; Feb. 7.
Holek, Václav, assignor to Československá Zbrojovka, a. s., Brno, Brunn, Czechoslovakia. Firearm. 2,163,144; June 20.
Holfast Rubber Company, The. (See Hill, Matthew E., assignor.)
Holihan, Irving T. (See Ayotte, J. F., and Holihan.)
Holister, Frank O., Los Angeles, Calif. Machine for pitching the coils of helical springs. 2,169,248; Aug. 15.
Holister, Hilde, assignor to E. Miller, Berlin, Germany. Brassière. 2,174,881; Oct. 3.
Holland, Asburi L., Washington, D. C. Needle threader. 2,169,124; Aug. 8.
Holland Company. (See Holland, Cyrus J., assignor.)
Holland Company. (See Nylander, Erick G., assignor.)
Holland, Cyrus J., Chicago, Ill., assignor to Holland Company. Bolster spring unit. 2,171,064; Aug. 29.
Holland, Cyrus J., Chicago, Ill., assignor to Holland Company. Spring dampener. 2,183,100; Dec. 12.
Holland Electro N. V. (See Schenider, Frans L. G., assignor.)
Holland Furnace Company. (See De Lin, Martin, assignor.)
Holland & Holland Limited. (See Holland, J. E. D., and Mansfield, assignors.)
Holland, John E. D., and W. Mansfield, assignors to Holland & Holland Limited, London, England. Shotgun cartridge. 2,180,239; Nov. 14.
Holland-Letz, John, Crown Point, Ind., assignor to The Letz Manufacturing Company. Roughage mill. 2,150,230; Mar. 14.
Holland, Louis E., Kansas City, Mo. Apparatus for etching plates. 2,168,407; Aug. 8.
Holland. Nathaniel G., assignor to Old Dominion Railway Corporation, Norfolk, Va. Marine railway. 2,178,303; Oct. 31.
Holland, St. Clair C., Montreal, Quebec, Canada. Charcoal burner. 2,179,295; Nov. 7.
Holland, Samuel S., Methuen, Mass. Loom reed. 2,157,173; May 9.
Holland, Sidney S., Sandusky, assignor, by mesne assignments, to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Washing machine. 2,146,740; Feb. 14.
Holland, Sidney S., Sandusky, assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Washing machine. 2,174,787; Oct. 3.
Hollander, Aladar, and V. A. Hoover, Los Angeles, assignors to Byron Jackson Co., Huntington Park, Calif. Submersible motor assembly. 2,171,749; Sept. 5.
Hollander, Joseph J., Chicago, Ill. Eliminating odors in cooking. 2,184,671; Dec. 26.
Hollander, William L., assignor to A. B. Chance Company, Centralia, Mo. Rock anchor. 2,177,138; Oct. 24.
Holle, Otto E., Decatur, Ind. Planter shoe. 2,164,066; June 27.
Hollengreen, Wilburn A. (See Mathias, S. W., and Hollengreen.)
Holler, Hermann, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Apparatus for surface hardening the teeth of double helical gears. 2,151,971; Mar. 28.
Holler, Hermann, and O. Mues, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Apparatus for the preparation of acetylene. 2,180,085; Nov. 14.
Holler, Homer D., Export, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Purifying annealing gases. 2,151,764; Mar. 28.
Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Fairing holder. 2,148,160; Feb. 21.
Hollerith, Charles, assignor to Hayes Industries, Inc., Jackson, Mich. Muffler. 2,151,470; Mar. 21.
Holleron, William K. (See Church, W. L., and Holleron.)
Hollesen, Henrik F. M., Copenhagen, Denmark. Device for electric welding. 2,183,219; Dec. 12.
Holley, George M. and Earl, Engineering. (See Udale. Stanley M., assignor.)
Holliday, Theodore B., Dayton, Ohio. Flying automobile. 2,156,288; May 2.
Holliday, W. J., & Co. (See Ridgely, James A., assignor.)
Hollingsworth, Clarence T. (See Frank, W. H., Messing, and Hollingsworth.)
Hollingsworth, Denzil M., St. Louis, Mo. Horizontal drilling machine. 2,182,477; Dec. 5.
Hollingsworth, Joseph S. (See Fulmer, F. P., and Hollingsworth.)
Hollingsworth, R. Lee, Riverhead, N. Y., assignor to Radio Corporation of America. Delayed automatic gain control circuits. 2,144,221; Jan. 17.
Hollingsworth, Russell K., Washington, D. C. Venetian blind. 2,148,812; Feb. 28.
Hollins, Jesse, Brooklyn, N. Y. Grille guard. 2,169,695; Aug. 15.
Hollister, Thomas L., Miami, Fla. Gas receptor. 2,149,053; Feb. 28.
Hollister, Thomas L., Miami, Fla. Station equipment. 2,166,591; July 18.
Hollman, Charles. (See Boedeker, Edward W., assignor.)
Hollman, Walter G. (See Hinman, W. M., and Hollman.)
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge device. 2,144,222; Jan. 17.
Hollmann, Hans E., Berlin-Lichterfelde, Germany, assignor to Radio Patents Corporation. Device for oscillographically recording the action voltages of the human heart. 2,150,223; Mar. 14.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio apparatus for determining distance and direction. 2,151,323; Mar. 21.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Device for generating electrical oscillations. 2,151,765; Mar. 28.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Magnetron. 2,151,766; Mar. 28.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Oscillator. 2,153,190; Apr. 4.
Hollmann, Hans E., Berlin-Lichterfelde, Germany, assignor to Radio Patents Corporation, New York, N. Y. Electromechanical oscillating device. 2,154,127; Apr. 11.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Crystal mounting with temperature compensation. 2,157,665; May 9.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cross field control tube. 2,164,922; July 4.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiver for ultra-short waves. 2,169,358; Aug. 15.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge device. 2,171,212; Aug. 29.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Detector. 2,175,263; Oct. 10.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron beam tube. 2,176,589; Oct. 17.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Modulation arrangement for magnetron transmitter. 2,177,065; Oct. 24.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electronic device. 2,180,957; Nov. 21.
Hollmann, Hans E., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electronic system. 2,180,958; Nov. 21.
Hollmann, Hans E., Berlin-Lichterfelde, Germany, assignor to Radio Patents Corporation, New York, N. Y. Cathode ray device. 2,182,382; Dec. 5.
Hollmann, Walter G. (See Hinman, W. M., and Hollmann.)
Holloway, Jesse F., Aldan, Pa. Truck brake mechanism. 2,175,171; Oct. 10.
Holloway, John, Burnham, assignor to Holloway Patents Limited, Slough, Bucks, England. Power hammer. 2,170,757; Aug. 22.
Holloway, Joseph C., New Orleans, La., assignor to American Can Company, New York, N. Y. Can holding and protecting mechanism. 2,160,865; June 6.
Holloway, Mayo, Birmingham, Ala. Neck band ironer. 2,170,075; Aug. 22.
Holloway Patents Limited. (See Holloway, John, assignor.)
Hollstein, Paul, Carlstadt, N. J., assignor to J. M. Lehmann Company, Inc., New York, N. Y. Hydraulic press. 2,157,539; May 9.

Höllstin, Franz, Berlin, assignor to Rheinmetall-Borsig Aktiengesellschaft Werk Borsig Berlin-Tegel, Berlin-Tegel, Germany. Polishing means. 2,169,841; Aug. 15.
Holly-Pax, Inc. (See Webb, John L., assignor.)
Holm, Carl, assignor to Economic Machinery Company, Worcester, Mass. Labeling machine. 2,161,469; June 6.
Holm, Carl, assignor to Economic Machinery Company, Worcester, Mass. Rolling label wiper. 2,161,470; June 6.
Holm-Hansen, Osmund, Stratford, Conn., assignor to General Electric Company. Cord hook. 2,145,723; Jan. 31.
Holm-Hansen, Osmund, Stratford, Conn., assignor to General Electric Company. Suction nozzle. 2,173,718; Sept. 19.
Holm, John M., Pollokshields, Glasgow, Scotland, assignor to Imperial Chemical Industries Limited. Cartridge for the generation of gas pressures. 2,165,263; July 11.
Holm, Melvin M. (See Shiffler, W. H., and Holm.)
Holman, Arthur J., East Orange, N. J. Motion picture apparatus for projecting composite screen images. 2,150,165; Mar. 14.
Holman, Arthur J., East Orange, N. J. Sound pick-up unit. 2,151,700; Mar. 28.
Holman, Erling J., Brooklyn, N. Y. Protector for clotheslines. 2,158,659; May 16.
Holman, Harry V., Chicago, Ill. Safety lathe dog. 2,173,057; Sept. 12.
Holman, Herbert E. (See Blumlein, A. D., and Molman.)
Holman, Herbert E., Hayes, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Mosaic screen structure for television and like purposes. 2,179,090; Nov. 7.
Holmberg, Bernard. (See Beal, A. G., and Holmberg.)
Holmberg, Einar O., Wauwatosa, assignor to A. O. Smith Corporation, Milwaukee, Wis. Ladle and supporting the same. 2,165,053; July 4.
Holmboe, Harold, Chicago, and A. B. Cosper, Crestwood, Ill. Apparatus for atomizing liquids. 2,171,932; Sept. 5.
Holmboe, Lawrence S., Oklahoma City, Okla. Shore jack. 2,178,792; Nov. 7.
Holmboe, Ralph, assignor to H. A. Brassert & Company, Chicago, Ill. Indicator for liquid flow. 2,184,643; Dec. 26.
Holmes, Charlotte E. (See Barnett, Vida M., assignor.)
Holmes, Deborah P. (See Smith, Earle R., assignor.)
Holmes, Dewey, Bloomfield, Ind. Folding portable building. 2,145,353; Jan. 31.
Holmes, Dobbin, Cordele, Ga. Heel bolt. 2,162,171; June 13.
Holmes, Edward D., Chicago, Ill., assignor to Sherwin-Williams Company, Cleveland, Ohio. Proportional mixing scale. 2,169,952; Aug. 15.
Holmes, Edward W., assignor to E. R. Moore Company, Chicago, Ill. Cap. 2,153,146; Apr. 4.
Holmes, Elbridge R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Protector mechanism for looms. 2,173,965; Sept. 26.
Holmes, Eric L. (See Adams, B. A., and Holmes.)
Holmes, Ernest, Company. (See Holmes, Ernest W. and E. W., Jr., assignors.)
Holmes, Ernest W., Jr. (See Holmes, Ernest W. and E. W., Jr.)
Holmes, Ernest W. and E. W., Jr., assignors to Ernest Holmes Company, Chattanooga, Tenn. Automobile Towing device. 2,183,478; Dec. 12.
Holmes, Frederick M. E. (See McLeod, J. H., and Holmes.)
Holmes, Frederick T., Waterbury, Conn. Water heater. 2,161,417; June 6.
Holmes, Foster, Normandy, and V. G. Klein, St. Louis, assignors to Lincoln Engineering Company, St. Louis, Mo. Line-retrieving apparatus. 2,166,054; July 11.
Holmes, Glenn C., assignor to Gisholt Machine Company, Madison, Wis. Machine tool transmission and control. 2,176,737; Oct. 17.
Holmes, Harlan B., and H. F. Blood, Portland, Oreg., and M. C. Bell, Seattle, Wash., assignors to United States of America, as represented by Secretary of War. Fishway. 2,168,341; Aug. 8.
Holmes, Harlan B., and H. F. Blood, Portland, Oreg., and M. C. Bell, Seattle, Wash., assignors to the Government of the United States of America, as represented by the Secretary of War. Method of and means for effecting downstream migration of fish about dams. 2,169,249; Aug. 15.
Holmes, Harlan B., and H. F. Blood, Portland, Oreg., and M. C. Bell, Seattle, Wash., assignors to the Government of the United States of America, as represented by the Secretary of War. Method of and apparatus for fishway collecting systems. 2,171,560; Sept. 5.
Holmes, Harrison H., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Explosive composition. 2,168,030; Aug. 1.
Holmes, Harry H., assignor to Wildt and Company Limited, Leicester, England. Knitted fabric. 2,164,289; June 27.
Holmes, Henry H. (See Kent, A. W., and Holmes.)
Holmes, Henry H., assignor to Wildt and Company Limited, Leicester, England. Circular knitted article with pouch. 2,145,197; Jan. 24.
Holmes, Henry H., assignor to Wildt and Company Limited, Leicester, England. Rib knitting machine. 2,153,019; Apr. 4.
Holmes, Henry H., assignor to Wildt and Company Limited, Leicester, England. Manufacture of circular knitted articles with pouches. 2,163,557; June 20.
Holmes, Henry H., assignor to Wildt and Company Limited, Leicester, England. Yarn feeder for circular knitting machines. 2,173,783; Sept. 19.
Holmes, Henry S. (See Phelps, G. H., and Holmes.)
Holmes, Henry S., assignor to Metropolitan Engineering Company, Brooklyn, N. Y. Making heat exchangers. 2,149,696; Mar. 7.
Holmes, Herbert G., Lansing, Mich., assignor to Food Machinery Corporation, San Jose, Calif. Bending tool. 2,153,867; Apr. 11.
Holmes, Herbert G., Lansing, Mich., assignor to Food Machinery Corporation, San Jose, Calif. Wheel aligning aparatus. 2,160,145; May 30.
Holmes, Lawrence A., Whittier, Calif. Apparatus for treating oil. 2,165,703; July 11.
Holmes, Lenis, Medina, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Surfacing apparatus. 2,174,385; Sept. 26.
Holmes, Lester B., Garden City, Kans. Musical instrument tuning apparatus. 2,153,800; Apr. 11.
Holmes, Louis D., assignor to Whiting Corporation, Harvey, Ill. Drop pit apparatus. 2,178,632; Nov. 7.
Holmes, Mark B., and A. L. Rowland, Utica, N. Y. Autographic register machine. 2,163,684; June 27
Holmes, Minot K. (See Zimmerman, W. P., and Holmes.)
Holmes, Minot K., and D. Jones, Muncie, Ind., assignors to Owens-Illinois Glass Company. Apparatus for assembling hollow building blocks. 2,143,696; Jan. 10.
Holmes, Morris P., Claremont, N. H., assignor to Sullivan Machinery Company. Drilling apparatus. 2,144,627; Jan. 24.
Holmes, Paul A., assignor of one-half to C. J. H. Grunwald, Muskogee, Okla. Tooth brush attachment. 2,144,408; Jan. 17.
Holmes, Ralph S., Haddonfield, N. J., assignor to Radio Corporation of America. Television apparatus. 2,165,794; July 11.
Holmes, Ralph S., Haddonfield, N. J., assignor to Radio Corporation of America. Television system. 2,178,234; Oct. 31.
Holmes, Raynor M., assignor to Bloomer Bros. Company, Newark, N. Y. Carton. 2,155,791; Apr. 25.
Holmes, Richard E., Scranton, Pa. Ophthalmic mounting. 2,173,016; Sept. 12.
Holmes, Russell F., Flint, assignor to General Motors Corporation, Detroit, Mich. Reflector signal. 2,143,151; Jan. 10.
Holmes, Russell F., and L. M. Crabb, Flint, assignors to General Motors Corporation, Detroit, Mich. Automatic choke valve. 2,154,090; Apr. 11.
Holmes, Ruth V., Stonington, Conn. Miniature theater. 2,175,604; Oct. 10.
Holmes, W. C., & Company Limited. (See Bentley, Harry, assignor.)
Holmes, Will K., Tulsa, Okla., assignor to The Texas Company, New York, N. Y. Cracking oils. 2,158,504; May 16.
Holmquist-Swanson Company, The. (See Swanson, Axel W., assignor.)
Holmström, Axel, Monte Carlo, Monaco, assignor to H. A. Holmstrom, Ronninge, Sweden. Etching apparatus. 2,171,474; Aug. 29.
Holmstrom, Harry A. (See Holmström, Axel, assignor.)
Holmstrom, Henry W., Laurium, Mich. Building construction. 2,154,570; Apr. 18.
Holness, Reginald F. G., assignor to Waterlow and Sons Limited, London, England. Feeding of sheets. 2,178,304; Oct. 31.
Holophane Company. (See Rolph, Thomas W., assignor.)
Holran, John R., Chicago, and E. T. Lednum, Evanston, Ill. Torpedo. 2,163,462; June 20.
Holroyd, Robert, Durban, Natal, Union of South Africa, Perforating machine. 2,169,799; Aug. 15.
Holst, Gilles, Eindhoven, Netherlands, assignor to General Electric Company. Glow discharge device. 2,152,995; Apr. 4.
Holst, Gilles, Eindhoven, Netherlands, assignor to General Electric Company. Electric gaseous discharge device. 2,176,134; Oct. 17.
Holst, Gilles, W. Six, J. L. Snoek, and W. G. Burgers, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Magnetic material having low hysteresis losses. 2,147,791; Feb. 21.
Holst, Gilles, and J. H. de Boer, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Sound record and making same. 2,150,834; Mar. 14.
Holst, Gilles, and H. L. van der Horst, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Incandescible cathode. 2,169,643; Aug. 15.
Holst, Gilles, and W. C. van Geel, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electrode system of unsymmetrical conductivity. 2,173,904; Sept. 26.
Holst, Paul F. G., Oaklyn, N. J., assignor to Radio Corporation of America. Battery-operated receiver. 2,157,899; May 9.

Holst, Poul F. G., Oaklyn, N. J., assignor to Radio Corporation of America. Automatic volume control circuits. 2,144,920; Jan. 24.
Holst, Poul F. G., Oaklyn, and L. R. Kirkwood, Collingswood, N. J., assignors to Radio Corporation of America. Noise suppressor system. 2,149,697; Mar. 7.
Holst, Poul F. G., Oaklyn, N. J., assignor to Radio Corporation of America. Bias potential supply system. 2,154,091; Apr. 11.
Holst, William H., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Thickening latex without coagulation, and product. 2,149,961; Mar. 7.
Holst, William H., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Soldering flux. 2,149,962; Mar. 7.
Holst, William H., Tamaqua, Pa., assignor to Atlas Powder Company, Wilmington, Del. Soldering flux and process of fluxing. 2,149,963; Mar. 7.
Holsten, Frank E., Tulsa, Okla. Treating petroleum tank bottoms. 2,166,893; July 18.
Holsten, Hermann, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Aliphatic sulphonic acid. 2,170,380; Aug. 22.
Holsten, Karl G., assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Goniometer. 2,156,055; Apr. 25.
Holston Manufacturing Company. (See Thomas, Samuel E., assignor.)
Holstrom, John G., assignor to Kenworth Motor Truck Corporation, Seattle, Wash. Radiation of heat from center-mounted horizontal engines. 2,165,795; July 11.
Holt, Alberg C. (See Thorsson, M. T., and Holt.)
Holt, Albert C. (See Doty, C. R., Schneider, and Holt.)
Holt, Carl E., Kansas City, Mo. Apparatus for reclaiming used lubricating oil. 2,174,265; Sept. 26.
Holt, Charles, Cleveland, Ohio. Automatic speed control device. 2,146,070; Feb. 7.
Holt, Charles K., Bakersfield, Calif. Well cleaner. 2,171,849; Sept. 5.
Holt, Clarence G., Melrose, Mass. Screw head. 2,180,633; Nov. 21.
Holt, Francis A., New York, N. Y., assignor, by mesne assignments, to Hutchinson Fine Grain Photo Developers, Inc., San Francisco, Calif. Photographic developer. 2,147,441; Feb. 14.
Holt Hardwood Company. (See De Witt, Donald S., assignor.)
Holt, Harold S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,161,625; June 6.
Holt, John W., Cleveland Heights, Ohio. Toy railway. 2,154,450; Apr. 18.
Holt, Joseph, Seattle, Wash. Holder for collapsible tube containers. 2,166,107; July 18.
Holt, Laurence C. (See Sitzler, R. R., and Holt.)
Holt, Lee C., Wilmington, Del., and L. L. Alexander, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of aromatic amines. 2,143,152; Jan. 10.
Holt, Lee C., Edgemoor, and H. W. Daudt, assignors to Kinetic Chemicals, Inc., Wilmington, Del. Dielectric materials. 2,174,512; Oct. 3.
Holt, Lee C., Edgemoor, and H. W. Daudt, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chlorobenzotrifluorides. 2,174,513; Oct. 3.
Holt, Lucile E., Los Angeles, Calif. Puff sleeve ironer. 2,170,591; Aug. 22.
Holt, Thomas W., Woodley, Stockport, and J. B. Butler, Wilmslow, England. Production of slivers from textile fibers. 2,155,598; Apr. 25.
Holt, W. Clinton. (See Wright, George N., assignor.)
Holt, William E., Livingston, N. J. Electric surfacing tool. 2,152,352; Mar. 28.
Holter, Cameron B., and E. L. Stewart, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Foam stabilizing agent. 2,166,008; July 11.
Holthaus, Eugene F., Los Angeles, assignor to Inviz-a-Grip Company, Hollywood, Calif. Fabricating a garment engaging yoke. 2,173,507; Sept. 19.
Holthouse, Harry B. (See Ernst, M., and Holthouse.)
Holton, Ernest A. (See Wood, Albert A., assignor.)
Holton, Homer H., Corona, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Manufacture of sodium citrate di-hydrate. 2,159,155; May 23.
Holtz, Irenaeus B., Ashville, Pa. Two-speed differential. 2,152,409; Mar. 28.
Holtz, Ireneus B., Ashville, Pa. Buckle. 2,171,448; Aug. 29.
Holtzclaw, John B. (See Zimmer, J. C., and Holtzclaw.)
Holtzclaw, Sidney, Glendale, Calif. Foot throttle actuator. 2,174,419; Sept. 26.
Holtzman, Allen B., and D. Schell, Myerstown, Pa., assignors to Holtzman's Inc. Method of and apparatus for the manufacture of crackers, biscuits, and the like. 2,173,000; Sept. 12.
Holtzman, Florence L., New York, N. Y. Trunk mantle. 2,154,750; Apr. 18.
Holtzman, John, assignor of one-fourth to David Lampert, New York, N. Y. Door lock. 2,163,121; June 20.
Holtzman's Inc. (See Holtzman, A. B., and Schell, assignors.)
Holub, John J., Cicero, Ill. Furnace shell construction. 2,175,605; Oct. 10.
Holub, Miloslav, Ridgefield, Conn. Chain applying device. 2,177,279; Oct. 24.
Holven, Alfred L., and T. R. Gillett, Crockett, Calif. Photoelectric color measuring and analyzing apparatus. 2,152,645; Apr. 4.
Holy, Joe L., West, Tex. Tractor cultivator. 2,168,213; Aug. 1.
Holyoke Heater Co. (See Dufault, Homer D., assignor.)
Holz, Frank, Bristol, Conn. Casting mold. 2,182,808; Dec. 12.
Holzapfel, George L., Los Angeles, Calif. Carburetion apparatus for internal combustion engines. 2,143,194; Jan. 10.
Holzcker, Richard, Lake Wales, Fla. Pecto phenolic synthetic resin and making same. 2,157,488; May 9.
Holzer, Phillip P., Chicago, Ill. Television apparatus. 2,172,845; Sept. 12.
Holzknecht, Felix, Vancouver, British Columbia, Canada, assignor of five per cent to J. Morisi, Washington, D. C. Collar fastener. 2,171,270; Aug. 29.
Holzner, Adolf, Brooklyn, N. Y. Score register. 2,180,590; Nov. 21.
Homan, Edward C., East Orange, assignor to Irvington Varnish & Insulator Co., Irvington, N. J. Electrical insulation material. 2,183,811; Dec. 19.
Homasote Company. (See Lyman, Harold T., assignor.)
Homberger, Ernst, Frankfort-on-the-Main, Germany, assignor to F. Gutmann, Brooklyn, N. Y. Climate cabinet. 2,134,644; Dec. 26.
Homeier, Otto F. (See Leguillon, C. W., and Homeier.)
Homeier, Otto F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Pressing apparatus for articles such as valve stems. 2,159,852; May 23.
Homeland Mfg. Co. Inc. (See Matthai, William H., assignor.)
Homeyer, August H. (See Whitmore, F. C., and Homeyer.)
Homkes, Bartel J. (See Tull, R. H., and Homkes.)
Homogenizer Corporation. (See Saylor, Howard L., assignor.)
Homoky, William, St. Louis, Mo. Method of and means for generating steam. 2,146,431; Feb. 7.
Hompesch, George, Irvington, N. J. Toilet cover and seat lift. 2,155,548; Apr. 25.
Honan-Crane, Inc. (See Harlan, A. S., Crane, and Honan, assignors.)
Honan, Paul R. (See Harlan, A. S., Crane, and Honan.)
Honda, Kikutaro, Toyonaka, Japan. Drafting apparatus for slivers for the production of spun yarns. 2,160,545; May 30.
Honda, Kikutaro, Toyonaka, Japan. Spinning frame. 2,182,695; Dec. 5.
Honegger, Willy, Tann-Ruti, Canton Zurich, Switzerland. Buckle. 2,143,126; Jan. 10.
Hönel, Herbert, Vienna, and A. Zinke, Graz, Austria, assignors to H. Reichhold, Detroit, Mich., doing business as Reichhold Chemicals. Condensation products of the phenol-formaldehyde type. 2,162,172; June 13.
Hönel, Herbert, Vienna, Austria, assignor to H. Reichhold, Detroit, Mich., doing business as Reichhold Chemicals. Reaction products of a meta-substituted phenol and formaldehyde. 2,165,380; July 11.
Honer, Henry, Los Angeles, assignor to Western Stove Company, Culver City, Calif. Heater attachment for ranges. 2,159,156; May 23.
Honerkamp, Friedrich. (See Kurth, F. J., and Honerkamp.)
Hones, Charles A., Inc. (See Hones, William R., assignor.)
Hones, William R., assignor to Charles A. Hones, Inc., Baldwin, N. Y. Oven furnace. 2,159,480; May 23.
Hönger, Guido, Geneva, assignor to Méfina S. A., Binningen, Switzerland. Safety device for projectile fuses. 2,183,073; Dec. 12.
Honig, Adriaan N., Hilversum, assignor to Naamlooze Vennootschap; Oliefabrieken "Het Hart" en "De Zwann" Voorheen Adriaan Honig, Zaandam, Netherlands. Device for laying cloths about pre-pressed cakes in oil-pressing apparatus. 2,159,270; May 23.
Honig, Adriaan N., Hilversum, assignor to Naamlooze Vennootschap; Oliefabrieken "Het Hart" en "De Zwaan" voorheen Adriaan Honig, Zaandan, Netherlands. Device for conveying and stripping press cakes. 2,163,839; June 27.
Honig, Frank, Pawtucket, R. I. Thread twisting apparatus. 2,146,578; Feb. 7.
Honig, Frank, Pawtucket, R. I. Method and apparatus for winding balls. 2,156,896; May 2.
Honig, Frank, Pawtucket, R. I. Method and apparatus for winding balls. 2,161,546; June 6.
Honig, Frank, Edgewood, R. I. Thread twisting apparatus. 2,163,789; June 27.
Honig, Henry T., assignor to Universal Monotabular Corporation, Dallas, Tex. Tabular broaching machine. 2,153,890; Apr. 11.
Hönigsberg, Robert, and O. Ebner, Vienna, Austria; said Ebner assignor to said Hönigsberg. Article of linen or garment. 2,180,758; Nov. 21.
Honiss, William T., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Forehearth for molten glass. 2,144,973; Jan. 24.
Honn, Harlan V., San Francisco, Calif. Heavy fuel engine. 2,158,124; May 16.

Honn, Harlan V., San Francisco, Calif. Fuel injection device. 2,172,383; Sept. 12.
Honn, Harlan V., San Francisco, Calif. Metering fuel pump. 2,174,697; Oct. 3.
Honnef, Hermann, Berlin, Germany. Wind-operated electrical power station. 2,180,206; Nov. 14.
Honnef, Hermann, Berlin, and H. Geffcken, Berlin-Charlottenburg, Germany. Power generator. 2,167,265; July 25.
Honold, Ernst, and M. Schubert, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the anthraquinone series. 2,175,803; Oct. 10.
Honoré, Etienne A. H., Paris, France. Method of and apparatus for radio-goniometric indication. 2,148,267; Feb. 21.
Hood, Charles E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping uppers over lasts. 2,165,262; July 11.
Hood, Charles E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Splitting machine. 2,175,193; Oct. 10.
Hood, George A., Newark, assignor to New Jersey Optical Company, Irvington, N. J. Ophthalmic mounting. 2,161,296; June 6.
Hood, Harrison P., assignor to Corning Glass Works, Corning, N. Y. Glass composition. 2,148,621; Feb. 28.
Hood, Henry J., assignor to Eastman Kodak Company, Rochester, N. Y. Enlarging apparatus. 2,172,246; Sept. 5.
Hood, John H. (See Hamlin, T., and Hood.)
Hood, Joseph B., Hollywood, Calif. Sign. 2,165,704; July 11.
Hood Rubber Company. (See Flink, John H., assignor.)
Hood Rubber Company. (See Fowler, Fred D., assignor.)
Hood Rubber Company. (See Glidden, Alfred A., assignor.)
Hood Rubber Company. (See L'Hollier, L. H., and Wray, assignors.)
Hooe, Harry M., assignor of ten percent to P. B. Childress, Stockton, Calif. Lawn mower. 2,171,750; Sept. 5.
Hoof, Addison C., Hinsdale, Ill. Governor. 2,145,086; Jan. 24.
Hoof, Addison C., Hinsdale, Ill. Combined vehicle speed and automotive engine governor. 2,148,556; Feb. 28.
Hoof Products Company. (See Handy, R. G., Seymour, and Altenberg, assignors.)
Hoogstoel, Leon E., assignor to Behr-Manning Corporation, Troy, N. Y. Making gaskets. 2,175,773; Oct. 10.
Hook, Henry C., Bridgeport, Conn. Automobile vanity. 2,148,557; Feb. 28.
Hook, Sydney H., Gardiner, Victoria, Australia. Liquid fuel furnace. 2,149,770; Mar. 7.
Hooker, Donald E. (See Breitenstein, C. J., and Hooker.)
Hooker, Donald E., assignor to Raymond T. Moloney, Chicago, Ill. Ball rolling game obstacle. 2,163,122; June 20.
Hooker, Douglas L., Woodbury, N. J., and C. M. Fabian, Beaumont, Tex., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Treating oils. 2,184,838; Dec. 26.
Hooker Electrochemical Company. (See Babcock, J. H., and Loverde, assignors.)
Hooker Electrochemical Company. (See Stuart, Kenneth E., assignor.)
Hooker Electrochemical Company. (See Wojcik, Bruno H., assignor.)
Hooker, George W., assignor to The Dow Chemical Company, Midland, Mich. Halogen extraction. 2,143,224; Jan. 10.
Hooker, George W., assignor to The Dow Chemical Company, Midland, Mich. Making bromine. 2,163,877; June 27.
Hooker, Harry H., Euclid, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Brake slack adjuster. 2,156,154; Apr. 25.
Hooks, Herbert C., Bellerose, N. Y., assignor to Moore Push-Pin Co., Philadelphia, Pa. Clip pin. 2,185,082; Dec. 26.
Hooper, F. X., Company. (See Greenwood, Henry B., assignor.)
Hooper, F. X., Company. (See Greenwood, H. B., and Fitchett, assignors.)
Hooper, Frederick E., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for operating on shoe blanks. 2,144,721; Jan. 24.
Hooper, Frederick E., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for operating upon parts of shoe uppers. 2,144,722; Jan. 24.
Hooper, Frederick E., Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Stacking mechanism. 2,167,045; July 25.
Hooper, Gilman S., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic structures and preparing same. 2,147,701; Feb. 21.
Hooper, Gilman S., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition of matter and use of same in preparation of cellulosic articles. 2,147,702; Feb. 21.
Hooper, Gilman S., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulose derivative composition. 2,147,703; Feb. 21.
Hooper, Harold A. (See Hooper, William J., assignor.)
Hooper, James E., Ruxton, Md., assignor to Wm. E. Hooper & Sons Company. Vehicle top cover and method. 2,145,691; Jan. 31.
Hooper, James E., Ruxton, Md., assignor to Wm. E. Hooper & Sons Company. Laundry ironing and drying roll pad. 2,178,633; Nov. 7.
Hooper, William E., & Sons Company. (See Beck, Harry B., assignor.)
Hooper, Wm. E., & Sons Company. (See Clayton, E. C., and Heffner, assignors.)
Hooper, Wm. E., & Sons Company. (See Hooper, James E., assignor.)
Hooper, William J., Elsah, Ill. Pressure signal. 2,167,456; July 25.
Hooper, William J., Elsah, assignor of one-half to H. A. Hooper, Chicago, Ill. Dental cleaning spray. Re. 21,187; Aug. 29.
Hoopes, Ernest A., Des Moines, assignor of three-eighths to A. W. Erskine, Cedar Rapids, and one-eighth to F. D. Clark, Des Moines, Iowa. Thermostatically controlled water mixer. 2,145,115; Jan. 24.
Hoopes, Penrose R., assignor to The Selas Company, Philadelphia, Pa. Heat treatment method and apparatus. 2,148,859; Feb. 28.
Hoopes, Penrose R., Philadelphia, Pa., assignor to Havelet Corporation. Washing machine. 2,183,261; Dec. 12.
Hoos, Benjamin G. (See Schur, M. O., and Hoos.)
Hoose, William M., Highland Park, Mich. Car loader. 2,154,309; Apr. 11.
Hooton, John. (See Beamer, C. M., and Hooton.)
Hooven, C. E. (See Evans, Kelley D., assignor.)
Hooven, Frederick J., Dayton, Ohio. Control mechanism for radio receivers. 2,170,820; Aug. 29.
Hooven, Frederick J., Dayton, Ohio. Air navigation and landing system. 2,171,561; Sept. 5.
Hooven, Frederick J., Dayton, Ohio. Radio controlled aircraft system. 2,173,841; Sept. 26.
Hooven, Frederick J., Dayton, Ohio. Radio receiver. 2,175,025; Oct. 3.
Hooven, Frederick J., Dayton, Ohio. Ignition system. 2,180,358; Nov. 21.
Hooven, Frederick J., and C. G. Seright, Dayton, Ohio, assignors to Bendix Aviation Corporation, South Bend, Ind. Noise suppression. 2,172,558; Sept. 12.
Hoover, Arthur M. (See Raney, E. C., and Hoover.)
Hoover Ball & Bearing Company. (See Pew, Thomas C., assignor.)
Hoover, Charles E., Jr., Maplewood, N. J. Apparatus of mulling pigment. 2,150,603; Mar. 14.
Hoover, Charles E., assignor of one-half to O. P. Tiemenn and one-half to E. W. Rolley, Bloomington, Ill. Hardwood flooring. 2,152,694; Apr. 4.
Hoover Company, The. (See Babcock, Earl, assignor.)
Hoover Company, The. (See Becker, Bernard C., assignor.)
Hoover Company, The. (See Berg, Quentin, assignor.)
Hoover Company, The. (See Coons, Curtis C., assignor.)
Hoover Company, The. (See Daiger, George P., assignor.)
Hoover Company, The. (See Fitzsimmons, Richard R., assignor.)
Hoover Company, The. (See Gerber, Dale C., assignor.)
Hoover Company, The. (See Gross, Alfred G., assignor.)
Hoover Company, The. (See Kilpatrick, Wilford G., assignor.)
Hoover Company, The. (See Kitto, William H., assignor.)
Hoover Company, The. (See Nelson, Oscar J., assignor.)
Hoover Company, The. (See Nelson, Rudolph S., assignor.)
Hoover Company, The. (See Nelson, R. S., and Coons, assignors.)
Hoover Company, The. (See Pierce, Frank L., assignor.)
Hoover Company, The. (See Reed, Robert M., assignor.)
Hoover Company, The. (See Sellers, William D., assignor.)
Hoover Company, The. (See Siedle, Arnold D., assignor.)
Hoover Company, The. (See Smellie, Donald G., assignor.)
Hoover Company, The. (See Smellie, D. G., and Eberly, assignors.)
Hoover Company, The. (See Snyder, Eugene L., assignor.)
Hoover Company, The. (See Studer, C. W., Roshong, and Miller, assignors.)
Hoover Company, The. (See Taylor, Charles H., assignor.)
Hoover Company, The. (See Traut, Conrad W., assignor.)
Hoover Company, The. (See Troxler, Charles G., assignor.)
Hoover Company, The. (See White, Harry B., assignor.)
Hoover Company, The. (See Whiteaker, Uncas A., assignor.)
Hoover Company, The. (See Zacharias, Robert M., assignor.)
Hoover, Daniel S., Mansfield, Ohio. Steering wheel attachment. 2,166,296; July 18.
Hoover, Frank S. (See Shriver, J. W., and Hoover.)

Hoover, George R. (See Finkbone, B. P., Hoover, and Miller.)
Hoover, John D., et al. (See Clark, J. D., assignor.)
Hoover, Ray, Plainfield, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Signaling system and apparatus therefor. 2,149,219; Feb. 28.
Hoover, Vaino A. (See Hollander, A., and Hoover.)
Hoover, Walter S., Girard, Pa. Variable pitch propeller mechanism. 2,184,143; Dec. 19.
Hope, Samuel N., Wauwatosa, assignor to Columbian Art Works, Milwaukee, Wis. Desk pad. 2,159,212; May 23.
Hope, Samuel N., Wauwatosa, assignor to Griffith-Hope Company, West Allis, Wis. Conical cup dispenser. 2,164,406; July 4.
Hope, Samuel N., Wauwatosa, and P. A. West, Fox Point, assignors to Griffith-Hope Company, West Allis, Wis. Castered harness. 2,174,661; Oct. 3.
Hopewell, Henry C. (See McQuiston, R. C., and Hopewell.)
Hopewell, Robert, London, England. Floor construction. 2,156,588; May 2.
Hopff, Heinrich, H. Eichel, and A. Diebold, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Compounds of the anthraquinone series. 2,152,480; Mar. 28.
Hopff, Heinrich, Ludwigshafen-on-the-Rhine, H. Kellermann, Mannheim, and A. Freytag, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of carboxylic acid amides. 2,168,161; Aug. 1.
Hopff, Heinrich, Ludwigshafen-on-the-Rhine, and K. Heymann, Mannheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Compounds of the coeranthrene and coerbianthrene series. 2,176,421; Oct. 17.
Hopff, Heinrich, and G. Steinbrunn, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Interpolymerization of fumaric esters and isobutylene. 2,182,316; Dec. 5.
Hopkan Rivet Company. (See Hoppenstand, David, assignor.)
Hopkins, Albert F., Jr., Duluth, Minn. Electric connector. 2,148,467; Feb. 28.
Hopkins, Alva E., Tacoma, Wash. Spring anchor. 2,145,419; Jan. 31.
Hopkins, Arthur G., Maspeth, N. Y., assignor to McKeesport Tin Plate Corporation. Accelerating device. 2,155,088; Apr. 18.
Hopkins, Arthur G., Maspeth, New York, assignor to McKeesport Tin Plate Corporation. Soldered can seam and making same. 2,170,638; Aug. 22.
Hopkins, Arthur G., Maspeth, N. Y., assignor to McKeesport Tin Plate Corporation. Soldered metal seam for sheet metal cans and making same. 2,170,639; Aug. 22.
Hopkins, Carl P., assignor to The Latimer-Goodwin Chemical Company, Grand Junction, Colo. Insecticides and making same. 2,166,661; July 18.
Hopkins, Charles L., River Forest, Ill., assignor to Bendix Products Corporation, South Bend, Ind. Automatic clutch system for motor vehicles. 2,156,589; May 2.
Hopkins, Constant C., Woodstock, assignor of one-half to P. H. Waller, Chicago, Ill. Ventilator. 2,157,609; May 9.
Hopkins, Eugene, Elkhart, Ind. Burial vault. 2,162,435; June 13.
Hopkins, George J., assignor to McCray Refrigerator Company, Kendallville, Ind. Display stand. 2,175,839; Oct. 10.
Hopkins, George W., Jr., San Leandro, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,157,411; May 9.
Hopkins, Glenn W., Paducah, Ky., assignor to McKee Button Company, Muscatine, Iowa. Button-cutting machine. 2,163,338; June 20.
Hopkins, Herbert G., Yuma, Ariz. Induced flow well-point attachment. 2,159,157; May 23.
Hopkins, Horace H., Ridley Park, Pa., and F. A. McDermott, Claymont, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthetic resins. 2,181,893; Dec. 5.
Hopkins, Horner H., Des Moines, Iowa. Knife holder. 2,157,412; May 9.
Hopkins, Horner H., assignor to Cobbs, Hamilton Company, Des Moines, Iowa. Knife holder. 2,183,074; Dec. 12.
Hopkins, Howe H., Detroit, Mich., assignor to National Carbon Company, Inc. Apparatus for detecting leakage. 2,171,113; Aug. 29.
Hopkins, Leonard, Holyoke, Mass. Fold-making machine. 2,157,900; May 9.
Hopkins, Llewellyn, Butler, Pa. Sheet-handling apparatus. 2,162,580; June 13.
Hopkins, Lloyd N., Storm Lake, Iowa. Housing for light-sensitive cell or the like. 2,182,987; Dec. 12.
Hopkins, Mark A., Indianapolis, assignor to Prest-O-Lite Storage Battery Corporation, Speedway, Ind. Storage battery construction. 2,180,959; Nov. 21.
Hopkins, Nathan F., Rockland, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Sewing machine. 2,178,531; Oct. 31.
Hopkins, Richard M. (See Johnson, C. C., Hopkins, and Spamer.)
Hopkins, Robert C. (See Hughes, J. W., Hopkins, and Odenbreit.)
Hopkins, Robert C., Rockville Centre, N. Y. Hosiery dispensing machine. Des. Re. 21,146; July 11.
Hopkins, Robert K., assignor to M. W. Kellogg Co., New York, N. Y. Welding apparatus. 2,151,914; Mar. 28.
Hopkins, Robert K., assignor to M. W. Kellogg Co., New York, N. Y. Welding apparatus. 2,151,915; Mar. 28.
Hopkins, Robert K., assignor to M. W. Kellogg Co., New York, N. Y. Dispensing device. 2,174,175; Sept. 26.
Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Copy holder for a copying machine. 2,161,352; June 6.
Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic copying and projection apparatus. 2,180,007; Nov. 14.
Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic reproducing machine and copy holder therefor. 2,184,012; Dec. 19.
Hopkins, Roy S., and E. O. Wangerin, assignors to Eastman Kodak Company, Rochester, N. Y. Film feeding mechanism. 2,168,987; Aug. 8.
Hopkinson, Russell, and A. V. Tolstoouhov, assignors to Ostro Research Laboratories Inc., New York, N. Y. Antiseptic and making it. 2,162,014; June 13.
Hopkinsons Limited. (See Simpson, John W. L., assignor.)
Hopp, Leo, assignor to The Hopp Press Inc., New York, N. Y. Adjustable shelf molding. 2,172,282; Sept. 5.
Hopp Press Inc., The. (See Hopp, Leo, assignor.)
Höpp, Wilhelm, Berlin-Heiligensee, Germany, assignor to General Electric Company. Electric circuit interrupter. 2,180,147; Nov. 14.
Hoppe, Edgar, Amsterdam, Netherlands, and K. Johnsson, Oerebro, Sweden; said Johnsson assignor to said Hoppe. Multiwall bag of paper or other material. 2,176,499; Oct. 17.
Hoppe, Richard E., Los Angeles, Calif. Health balancing board. 2,176,342; Oct. 17.
Hoppe, William, assignor to National Bread Wrapping Machine Co., Springfield, Mass. Bread slicing machine. 2,181,680; Nov. 28.
Hoppe, William, assignor to National Bread Wrapping Machine Co., Springfield, Mass. Bread slicing machine. 2,181,681; Nov. 28.
Hoppe, William, assignor to National Bread Wrapping Machine Co., Springfield, Mass. Wrapper control for wrapping machines. 2,183,192; Dec. 12.
Hoppenstand, David, Glenshaw, assignor to Hopkan Rivet Company, Inc., Pittsburgh, Pa. Terminal. 2,147,255; Feb. 14.
Hoppenstand, David, Glenshaw, assignor to Hopkan Rivet Company, Inc., Pittsburgh, Pa. Atomizing device. 2,147,603; Feb. 14.
Hoppenstand, David, Glenshaw, assignor to Hopkan Rivet Company, Inc., Pittsburgh, Pa. Freezing tray. 2,169,733; Aug. 15.
Hoppenstand, David, Fox Chapel, Pa. Cord retriever. 2,169,734; Aug. 15.
Hoppenstand, David, Glenshaw, assignor to Hopkan Rivet Company, Inc., Pittsburgh, Pa. Container opener. 2,176,714; Oct. 17.
Hoppenstedt, Alfred W., assignor to J. A. Webb Belting Co., Inc., Buffalo, N. Y. Preservation of tanned leather. 2,162,015; June 13.
Hopper, Samuel E., Crafton, Pa. Flush tank. 2,145,601; Jan. 31.
Hoppes, Edwin F., F. C. Garratt, Jr., and W. B. Evans, assignors to The Everwear Manufacturing Company, Springfield, Ohio. Basketball backstop apparatus. 2,162,085; June 13.
Hoppes, John H. (See Chaffin, Paul, assignor.)
Hopple, Kenneth C., Atchison, Kans. Piston ring. 2,177,110; Oct. 24.
Hopwood, John M. (See Donaldson, Robert R., Jr., assignor.)
Horak, Gustave J. (See Matter, J. K., and Horak.)
Horák, Václav, Prague, Czechoslovakia. Gas mask. 2,156,852; May 2.
Horak, William. (See Sharp, D. E., and Horak.)
Horalek, Kurt. (See Kuss, E., Horalek, and Emert.)
Horansky, Charles, and F. J. Suchanek, New York, N. Y. Beer return device. 2,180,828; Nov. 21.
Horesi, Anthony C., Berwyn, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Treating starch. 2,168,524; Aug. 8.
Horgan, George D., London, England, assignor to American Machine & Foundry Company, New York, N. Y. Wrapping of cigarettes and other articles. 2,152,382; Mar. 28.
Horgan, George D., London, England, assignor to American Machine & Foundry Company, New York, N. Y. Feeding of cards from a stack. 2,158,505; May 16.
Horgan, George D., London, England, assignor to American Machine & Foundry Company, New York, N. Y. Packing of cigarettes and other articles. 2,159,158; May 23.
Horgan, George D., London, England, assignor to American Machine & Foundry Company, New York, N. Y. Machine for packeting cigarettes and the like. 2,179,123; Nov. 7.
Horger, Oscar J., assignor to The Timken Roller Bearing Company, Canton, Ohio. Lubricating system for roller bearings. 2,160,418; May 30.

Horger, Oscar J., assignor to The Timken Roller Bearing Company, Canton, Ohio. Apparatus for testing axles and the like. 2,180,363; Nov. 21.
Horikoshi, Shinichiro, Tokyo, Japan, assignor to General Electric Company. Electric protective system and apparatus. 2,158,859; May 16.
Horinstein, Philip, Chicago, Ill. Indicating apparatus. 2,159,328; May 23.
Horlacher, Albert F. (See Woodruff, A. E., and Horlacher.)
Horlacher, Herman, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Hydraulic vane motor. 2,164,876; July 4.
Horlacher, William A., Lethbridge, Alberta, Canada. Airplane. 2,143,317; Jan. 10.
Horle, Lawrence C. F., Newark, N. J. Method of and means for indicating direction. 2,159,159; May 23.
Horlebeck, Albert, and C. Wiesmann, Wuppertal-Barmen, Germany. Steam oven for baking. 2,181,130; Nov. 28.
Horman, Harold A., Lyndhurst, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Letter proportion varying device. 2,184,223; Dec. 19.
Hormel, August, Hoboken, N. J., assignor to National-Standard Company. Oil wiping machine. 2,149,964; Mar. 7.
Hormel, August, Hoboken, N. J., assignor to National-Standard Company. Sheet feeding machine. 2,162,889; June 20.
Hormel, Geo. A., & Company. (See Hormel, George A., assignor.)
Hormel, George A., Los Angeles, Calif., assignor to Geo. A. Hormel & Company, Austin, Minn. Apparatus for treating meat. 2,174,746; Oct. 3.
Horn, A. C., & Company. (See Bishop, Richard E., assignor.)
Horn, Charles L. (See Reed, Cortes F., assignor.)
Horn, Emil F., Long Island City, N. Y. Mechanism for reversing material. 2,156,339; May 2.
Horn, Ernst, Nuremberg, Germany. Device for winding up spring-driven clockworks of toy vehicles. 2,160,738; May 30.
Horn, Erwin A., assignor to I. F. Laucks, Seattle, Wash. Interlocking wall unit and wall. 2,151,384; Mar. 21.
Horn, George B. (See Starring, D. S., and Horn.)
Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Wheel ornament. 2,158,126; May 16.
Horn, Harry J., and C. R. Stough, assignors to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,158,125; May 16.
Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,169,047; Aug. 8.
Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,174,087; Sept. 26.
Horn, Harry J., assignor to Motor Wheel Corporation, Lansing, Mich. Vehicle wheel. 2,183,220; Dec. 12.
Horn, Josef, assignor of fifty per cent to E. Weber, Dresden, Germany. Production of metallic printing plates or cylinders. 2,181,111; Nov. 21.
Horn, Ott. (See Nicodemus, O., Lange, and Horn.)
Horn, Otto. (See Lange, H., and Horn.)
Hornack, John, Cleveland, assignor of one-half to M. Kacur, Lorain, Ohio. Motion transmitting and control apparatus. 2,165,754; July 11.
Hornback, Arch E., assignor of one-half to O. Van Dyke, Jr., Chicago, Ill. Spark plug. 2,170,243; Aug. 22.
Hornbecker, George A., Waterville, assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Tubular electric grounding rod. 2,145,420; Jan. 31.
Hornberger, Clarence L. (See Richter, M., and Hornberger.)
Hornbostel, Lloyd. (See Berry, E. E., and Hornbostel.)
Hornbostel, Lloyd, assignor to Beloit Iron Works, Beloit, Wis. Paper machine suction slice. 2,165,549; July 11.
Horne, Harlan F., and E. R. Perry, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bearing material and bearing. 2,162,890; June 20.
Hörnemann, Kurt, Essen, Germany. Running a blast furnace. 2,162,402; June 13.
Horner, Jack E., Dinsmore, Fla. Rotary engine. 2,156,180; Apr. 25.
Horner, John W., Urmston, Manchester, England. Measurement of broken granular or powdered material. 2,147,344; Feb. 14.
Horner, William L., assignor to Core Laboratories, Inc., Dallas, Tex. Extraction method. 2,173,842; Sept. 26.
Horney, Fred. (See Lysholm, A., and Horney.)
Horni, Paul P., Newark, N. J. Electrical detection apparatus. 2,144,535; Jan. 17.
Horni, Paul P., Newark, N. J. Traffic signal. 2,144,536; Jan. 17.
Horni, Paul P., Newark, N. J. Traffic signaling system. 2,157,236; May 9.
Horni, Paul P., Newark, N. J. Fire alarm signaling system. 2,157,237; May 9.
Hornibrook, Howard G., Minneapolis, Minn. Sealed container convertible to pail. 2,167,977; Aug. 1.
Hornickel, Richard, Finkenkrug, near Berlin, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Telephone system. 2,183,838; Dec. 19.
Horning, Samuel C. (See Denslow, R. R., Erskine, and Horning.)
Horns, Martin, Chicago, Ill. Oil heater. 2,183,812; Dec. 19.
Hornsby, Earnest, Red Dragon, W. Va. Milk bottle holder. 2,173,017; Sept. 12.
Hornschuch, Hanns, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Control mechanism. 2,152,695; Apr. 4.
Hornung, Elias J., assignor to Eastman Kodak Company, Rochester, N. Y. Camera-bellows-forming machine. 2,169,205; Aug. 8.
Hornung, Heinrich, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Producing carrier frequencies. 2,156,056; Apr. 25.
Hornung, Heinrich, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. High-frequency transmitter. 2,167,511; July 25.
Hornung, Timothy F., Oroville, Calif. Rotary dicing machine. 2,163,878; June 27.
Horowitz, Armand R., Brooklyn, assignor to Webwood Corporation, New York, N. Y. Treatment and utilization of scrap or waste leather. 2,148,904; Feb. 28.
Horowitz, Armand R., Brooklyn, assignor to Webwood Corporation, New York, N. Y. Treatment and utilization of scrap or waste leather. 2,148,905; Feb. 28.
Horrocks, Harry S., assignor to H. Brinton Co., Philadelphia, Pa. Knitting machine. 2,148,622; Feb. 28.
Horrocks, Percy, Hyde Park, N. Y. Variable pitch propeller. 2,155,311; Apr. 18.
Horrocks, Thomas S., Chestnut Hill, assignor to Provident Trust Company of Philadelphia, Philadelphia, and M. A. Walker, Scranton, Pa., trustees under the will of T. M. Chance, deceased. Method and apparatus for dewatering coal. 2,176,902; Oct. 24.
Horrocks, Walter E., Lakewood, Ohio. Self-contained thrust bearing. 2,168,342; Aug. 8.
Horrocks, Walter E., Lakewood, Ohio. Separating race ring thrust bearing. 2,173,508; Sept. 19.
Horsch, William F., and J. M. Thompson, Monessen, Pa. Nut lock. 2,159,160; May 23.
Horscraft, Herbert T. (See King, W. L., and Horscraft.)
Horsfield, Walter R., assignor to Electric Selectors Limited, Welwyn Garden City, England. Apparatus for feeding articles in sorting and like machines. 2,160,101; May 30.
Horsley, Caperton B., Gates Mills, Ohio. Contact welding. 2,145,724; Jan. 31.
Horsley, Caperton B., Toronto, Ontario, Canada, assignor to Picker X-Ray Corporation Waite Manufacturing Division, Inc., Cleveland, Ohio. X-ray filament current metering circuit. 2,172,581; Sept. 12.
Horsley, Caperton B., Willoughby, assignor to Picker X-Ray Corporation Waite Manufacturing Division, Inc., Cleveland, Ohio. Voltage control means for X-ray apparatus. 2,179,333; Nov. 7.
Horsley, James H., assignor to Universal Lamp Company, Chicago, Ill. Miner's lamp brace. 2,151,471; Mar. 21.
Horst, Edward H., Clinton, Iowa, assignor to Patent Novelty Company, Fulton, Ill. Dustpan. 2,176,135; Oct. 17.
Horst, Karl. (See Steindorff, A., Balle, Heimke, and Horst.)
Horst, Karl. (See Steindorff, A., Balle, Horst, and Schild.)
Horst, Ludwig, Berlin-Halensee, Germany. Producing color films by the subtractive three-color method. 2,144,457; Jan. 17.
Horst, Tallmon E., Chicago, Ill. Hinge. Re. 21,081; May 16.
Horstmann, Bevan G., Bath, England. Gas burner igniting apparatus. 2,146,479; Feb. 7.
Horstmann, Frederick O. and P. F., Bath, England. Gas pressure governor. 2,173,416; Sept. 19.
Horstmann, Herman C., Jr., Cloverdale, Ohio. Corn cutter. 2,158,541; May 16.
Horstmann, John H. G., Bath, Somerset, England. Gas burner igniter. 2,146,896; Feb. 14.
Horstman, John H., assignor to The Huffman Manufacturing Company, Dayton, Ohio. Dispensing device. 2,161,048; June 6.
Horstman, John H., assignor to The Huffman Manufacturing Company, Dayton, Ohio. Dispensing device. 2,161,049; June 6.
Horstmann, Percival F. (See Horstmann, Frederick O. and P. F.)
Horstmann, Wm. H., Company. (See Stemm, Jean L., assignor.)
Horton, Albert J. (See Lougee, F. G., and Horton.)
Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Printing machine. 2,153,959; Apr. 11.
Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Optical device for producing a substantially stationary image of successive similar area on a running web. 2,155,013; Apr. 18.
Horton, Albert J., White Plains, and S. C. Freeman, Mount Vernon, assignors to R. Hoe & Co., Inc., New York, N. Y. Printing and bundling machine. 2,181,088; Nov. 21.
Horton, Albert J., White Plains, assignor to R. Hoe & Co., Inc., New York, N. Y. Web supply mechanism for printing machines. 2,182,760; Dec. 5.
Horton, Arthur W., Jr., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical system. 2,184,743; Dec. 26.
Horton, Benjamin S. (See Brown, J. L., and Horton.)

Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Motor vehicle system. Re. 21,139; July 4.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Motor Vehicle. 2,146,213; Feb. 7.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Motor Vehicle. 2,146,214; Feb. 7.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,146,215; Feb. 7.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Motor vehicle accessory system. 2,146,395; Feb. 7.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,146,396; Feb. 7.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Motor vehicle power plant. 2,147,405; Feb. 14.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Direction indicator. 2,147,406; Feb. 14.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Window clearing system. 2,153,519; Apr. 4.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Window wiper. 2,160,736; May 30.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner system. 2,160,737; May 30.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Self-parking windshield wiper. 2,165,180; July 4.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Motor vehicle accessory system. 2,165,181; July 4.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield wiper. 2,167,207; July 25.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,170,264; Aug. 22.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,173,447; Sept. 19.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield wiper. 2,179,451; Nov. 7.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Thermostatic switch. 2,184,699; Dec. 26.
Horton, Erwin C., Hamburg, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield cleaner. 2,184,700; Dec. 26.
Horton, Frank J., assignor to No Sag Spring Company, Detroit, Mich. Wire bending machine. 2,160,020; May 30.
Horton, Frank J., Detroit, Mich. Smoothing iron reservoir. 2,180,523; Nov. 21.
Horton, Gilbert L., Paynesville, Minn. Boat lifting rack. 2,185,083; Dec. 26.
Horton, Oliver D., et al. (See Coty, Fred J., assignor.)
Horvath, Anthony G., assignor to The Dayton Pump & Mfg. Co., Dayton, Ohio. Pump. 2,149,602; Mar. 7.
Horvath, Alexander, Chicago, Ill. Artificial fish lure. 2,163,378; June 20.
Horvath, Artemy A., Newark, Del., assignor to Soya Corporation of America. Developing palatability of soya. 2,147,097; Feb. 14.
Horvath, Frank J., Cleveland, Ohio. Making concentrates. 2,145,395; Jan. 31.
Horvath, Frank J., Cleveland, Ohio. Air conditioning apparatus. 2,146,071; Feb. 7.
Horvath, James J., deceased, South Bend, Ind. M. Horvath, executrix. Fruit juice extractor. 2,166,547; July 18.
Horvath, Mary, executrix. (See Horvath, James J.)
Horvitz, Leo, assignor, by mesne assignments, to E. E. Rosaire, Houston, Tex. Gas separation. 2,177,139; Oct. 24.
Horvitz, Leo, assignor to E. E. Rosaire, Houston, Tex. Exploration for buried deposits. 2,183,964; Dec. 19.
Horwath, John H. (See Norton, L. D., and Horwath.)
Horwitt, Nathan G. (See Charlop, E., and Horwitt.)
Horwitt, Nathan G., New York, N. Y. Cyclometer clock. 2,157,540; May 9.
Horwitz, Claude, Rose Bay, near Sydney, New South Wales, Australia. Drain cleaner. 2,177,566; Oct. 24.
Hosack, Francis A., Rye, N. Y. Calculating machine. 2,166,066; July 11.
Hosack, Francis A., Rye, N. Y. Transfer mechanism. 2,166,067; July 11.
Hosiery Developments Limited. (See Jones, T. H., and Mills, assignors.)
Hosiery Developments Limited. (See Mills, Robert K., assignor.)
Hosiery Patents, Inc. (See Taylor, Raymond, assignor.)
Hosiery Patents Incorporated. (See Weisbecker, Frank G., assignor.)
Hosking, Richard T., Wilmette, assignor, by mesne assignments, to Illinois Tool Works, Chicago, Ill. Lock washer. 2,179,575; Nov. 14.
Hoskins, George A., Chicago, Ill. Oral root divider. 2,154,751; Apr. 18.
Hoskins, William, Jr. (See Bjorksten, J., and Hoskins.)
Hoskins, William, Jr., La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Hectograph roll or blanket. 2,172,873; Sept. 12.
Hosmer, Emery N. (See Verzi, Linus A., assignor.)
Hosmer, Frank F., Glendale, Calif. Animal trap. 2,148,813; Feb. 28.
Hosmer, Frank F., Glendale, Calif. Two-speed bicycle transmission. 2,152,886; Apr. 4.
Hosmer, Frank F., Glendale, Calif. Can opener. 2,152,887; Apr. 4.
Hosmer, Ruth M., et al. (See Betts, Earl W., assignor.)
Hosokawa, Kuro, Suwa-gun, Nagano-ken, assignor to T. Ozawa, Tokyo, Japan. Manufacturing a fertilizer by employing calcium cyanamide as the raw material. 2,157,541; May 9.
Hoss, Friedrich W., and W. Deutsch, Frankfort-on-the-Main, Germany, assignors to International Precipitation Company, Los Angeles, Calif. Electrical precipitation method and apparatus. 2,142,128; Jan. 3.
Hoss, Friedrich W., and W. Deutsch, Frankfort-on-the-Main, Germany, assignors to International Precipitation Company, Los Angeles, Calif. Apparatus for electrical precipitation. 2,142,129; Jan. 3.
Hossenfelder, Georg, Berlin, Germany. Arrangement for connecting structural elements. 2,157,986; May 9.
Hotchkiss, Clifford, Bellwood, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Electrically operated heater control. 2,169,696; Aug. 15.
Hotchkiss, E. H., Company, The. (See Peterson, Roy E., assignor.)
Hotchkiss, E. H., Company, The. (See Polzer, Fridolin, assignor.)
Hotchner, Harold, San Francisco, and H. E. Metcalf, Walnut Creek, Calif.; said Metcalf assignor to said Hotchner. Luminous tube sign. 2,172,384; Sept. 12.
Hote, Andrew A., Sr., New Orleans, La. Cartridge chemical refrigerator. 2,148,694; Feb. 28.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container filling machine. 2,144,628; Jan. 24.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,148,468; Feb. 28.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container body forming mechanism. 2,160,866; June 6.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Securing soft metal spouts to containers. 2,167,654; Aug. 1.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container reclosure. 2,173,843; Sept. 26.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Packaging milk. 2,174,514; Oct. 3.
Hothersall, John M., Brooklyn, assignor to American Can Company, New York, N. Y. Container. 2,180,357; Nov. 21.
Hothersall, John M., and G. C. Reid, Brooklyn, assignors to American Can Company, New York, N. Y. Coating machine. 2,153,561; Apr. 11.
Hothersall, John M., and G. C. Reid, Brooklyn, assignors to American Can Company, New York, N. Y. Can cooling and drying machine. 2,157,131; May 9.
Hothersall, John M., Brooklyn, and A. E. Almgren, Hillside, N. J., assignors to American Can Company, New York, N. Y. Can-closing machine. 2,170,821; Aug. 29.
Hotstream Heater Company, The. (See Morrow, Clarence H., assignor.)
Hott, Ion V. K., assignor to The Joyce-Gridland Company, Dayton, Ohio. Automobile lift. 2,153,891; Apr. 11.
Hotton, Percy W., Salisbury, Md. Transmission. 2,163,339; June 20.
Hou, Hans, Elmhurst, N. Y. Apparatus for straightening out deformities in mudguards. 2,183,427; Dec. 12.
Houck, Harry W., New York, assignor to Electro-Mechanical Research, Inc., Brooklyn, N. Y. Trimmer condenser. 2,150,973; Mar. 21.
Houck, John C., Scranton, Pa. Thread throwing machine and the like. 2,177,039; Oct. 24.
Houck, Martin, assignor of one-half to D. L. Rand, Minneapolis, Minn. Instrument for computing data and corrections in gunfire. 2,174,106; Sept. 26.
Houck, Robert C. (See Sheppard, S. E., and Houck.)
Houdaille-Hershey Corporation. (See Anderson, Hugh, assignor.)
Houdaille-Hershey Corporation. (See Baker, Edwin M., assignor.)
Houdaille-Hershey Corporation. (See Buchanan, Hugh, assignor.)
Houdaille-Hershey Corporation. (See Dall, Edward D., assignor.)
Houdaille-Hershey Corporation. (See Gould, Jay H., assignor.)
Houdaille-Hershey Corporation. (See Fergueson, Arthur P., assignor.)
Houdaille-Hershey Corporation. (See Jandus, Herbert S., assignor.)
Houdaille-Hershey Corporation. (See Jandus, H. S., and Brooke, assignors.)

Houdaille-Hershey Corporation. (See Jandus, H. S., and Buchanan, assignors.)
Houdaille-Hershey Corporation. (See Jandus, H. S., and Purdy, assignors.)
Houdaille-Hershey Corporation. (See Jandus, H. S., and Sandberg, assignors.)
Houdaille-Hershey Corporation. (See Sandberg, Ray A., assignor.)
Houdaille-Hershey Incorporation. (See Sandberg, R. A., and Van Sickel, assignors.)
Houdaille-Hershey Corporation. (See Schatzman, George W., assignor.)
Houde Engineering Corporation. (See Casper, Anthony B., assignor.)
Houde Engineering Corporation. (See Lautz, Carl F., assignor.)
Houde Engineering Corporation. (See Locke, Albert R., assignor.)
Houde Engineering Corporation. (See McPherson, H. W., and Chisholm, assignors.)
Houde Engineering Corporation. (See Peo, Ralph F., assignor.)
Houde Engineering Corporation. (See Perkins, Charles E., assignor.)
Houde Engineering Corporation. (See Peo, R. F., and Magrum, assignors.)
Houde Engineering Corporation. (See Potter, Elbert L., assignor.)
Houdremont, Eduard, and H. Schrader, Essen, assignors to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Manufacture of high speed steels. 2,159,086; May 23.
Houdry, Eugene J., Rosemont, Pa., assignor to Houdry Process Corporation, Dover, Del. Shielding of converters. 2,143,009; Jan. 10.
Houdry, Eugene J., Rosemont, Pa., assignor to Houdry Process Corporation, Dover, Del. Apparatus for thermal control of contact masses. 2,145,877; Feb. 7.
Houdry, Eugene J., Philadelphia, Pa., assignor to Houdry Process Corporation, Dover, Del. Catalysis. 2,150,923; Mar. 21.
Houdry, Eugene J., Philadelphia, Pa., assignor to Houdry Process Corporation, Dover, Del. Catalysis. 2,150,924; Mar. 21.
Houdry, Eugene J., Rosemont, Pa., assignor to Houdry Process Corporation, Dover, Del. Catalytic operation. 2,161,676; June 6.
Houdry, Eugene J., Rosemont, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Catalysis. 2,161,677; June 6.
Houdry, Eugene J., Ardmore, Pa., assignor to Houdry Process Corporation, Dover, Del. Control of heat exchange. 2,163,599; June 27.
Houdry, Eugène J., Rosemont, and R. S. Vose, Ridley Park, Pa., assignors to Houdry Process Corporation, Wilmington, Del. Promotion of chemical reactions. 2,167,655; Aug. 1.
Houdry, Eugene J., Rosemont, Pa., assignor to Houdry Process Corporation, Dover, Del. Heat exchange. 2,173,844; Sept. 26.
Houdry Process Corporation. (See Bond, George R., Jr., assignor.)
Houdry Process Corporation. (See Houdry, Eugene J., assignor.)
Houdry Process Corporation. (See Houdry, E. J., and Vose, assignors.)
Houdry Process Corporation. (See Lassiat, Raymond C., assignor.)
Houdry Process Corporation. (See Peterkin, Albert G., assignor.)
Houdry Process Corporation. (See Prickett, Thomas B., assignor.)
Houdry Process Corporation. (See Vose, Richard S., assignor.)
Houghton, E. F., & Co. (See Patch, Richard H., assignor.)
Houghton, E. F., & Co. (See Sarvis, Louis, assignor.)
Houghton, Edward M., assignor to M. J. O'Brien, Limited, Cobalt, Ontario, Canada. Liner for ball mills. 2,158,187; May 16.
Houghton, George F. C., Teaneck, N. J. Synthetic resinous compound and producing the same. 2,172,385; Sept. 12.
Houghton, Harry S., San Marino, assignor to Witt Ice & Gas Co., Los Angeles, Calif. Packer for solid refrigerants. 2,170,969; Aug. 29.
Houghton, James C. (See Barr, J. L., and Houghton.)
Houlis, Louis D., Cincinnati, Ohio. Baking oven. 2,145,482; Jan. 31.
Houk, Addison R., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Mask. 2,151,427; Mar. 21.
Houmère, Walter, New York, N. Y. Fabric Venetian blind. 2,173,275; Sept. 19.
House, Bryan E., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,163,879; June 27.
House, Frank R., Baldwin Harbor, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Remotely controlled arc for searchlights. 2,146,503; Feb. 7.
House, Frank R., Baldwin Harbor, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Sound locator receiver. 2,159,481; May 23.
House, Frank R., Baldwin Harbor, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. System of locating aircraft at night. 2,159,482; May 23.
House, Herbert E., Kansas City, Mo. Cash drawer lining insert. 2,155,549; Apr. 25.
House, Karl W., Oatman, Ariz. Theftproof license plate and holder therefor. 2,151,598; Mar. 21.
House, William C. (See Raymond, G. G., and House.)
Householder, Owen, et al. (See Trojan, José, assignor.)
Housekeeper, Earl J. (See Schellin, J. C., Housekeeper, and Hunt.)
Houseknecht, Walter, Highland Park, Mich. Game board. 2,147,900; Feb. 21.
Houseman, George A., Shreveport, La. Awning. Re. 20,975; Jan. 10.
Houseman, Harold E., Laconia, N. H., and W. L. Houseman, Maplewood, N. J., assignors, by mesne assignments, to Scott & Williams, Incorporated, Laconia, N. H. Knitting machine and process. 2,148,985; Feb. 28.
Houseman, Harold E., assignor to Scott & Williams, Incorporated, Laconia, N. H. Stocking and making the same. 2,170,078; Aug. 22.
Houseman, Harold E., assignor to Scott & Williams, Inc., Laconia, N. H. Knitting machine. 2,180,707; Nov. 21.
Houseman, Harold E., assignor to Scott & Williams, Inc., Laconia, N. H. Knitting machine. 2,180,708; Nov. 21.
Houseman, Harold E., assignor to Scott & Williams, Inc., Laconia, N. H. Knitting machine. 2,180,709; Nov. 21.
Houseman, Harry A., assignor to Scott and Williams, Incorporated, Laconia, N. H. Stocking and making the same. 2,170,077; Aug. 22.
Houseman, Percy A., Haddonfield, assignor to MacAndrews and Forbes Company, Camden, N. J. Coffee extract and making same. 2,155,971; Apr. 25.
Houseman, Wilbur L. (See Houseman, Harold E. and W. L.)
Houseman, Wilbur L., Somerton, Pa., assignor, by mesne assignments, to Scott & Williams, Incorporated, Laconia, N. H. Knitted fabric. 2,148,988; Feb. 28.
Houseman, Wilbur L., Maplewood, N. J., assignor to Scott and Williams, Incorporated, Laconia, N. H. Stocking and making the same. 2,170,076; Aug. 22.
Houser, Miles S., Bluffton, Ind. Flow meter. 2,165,705; July 11.
Houser, William P., Belle Center, Ohio. Lawn trimmer and edger. 2,158,580; May 16.
Housman, Alfred J., Hollis, N. Y., and W. S. Evans, Philadelphia, Pa., assignors to National Carbon Company, Inc. Folding easel. 2,160,457; May 30.
Houston, George F., Hamilton, Ohio, and R. S. Sanford, New York, N. Y., assignors to Bendix Products Corporation, South Bend, Ind. Gear shifting mechanism. 2,163,880; June 27.
Houston, George F., Hamilton, Ohio, assignor to Bendix Products Corporation, South Bend, Ind. Clutch control mechanism. 2,164,923; July 4.
Houston, John S., Waverly, Ala. Tool. 2,161,227; June 6.
Houston, Julia L., Los Angeles, Calif. Bathtub. 2,166,469; July 18.
Houston, Richard G. (See Davis, J. W., and Houston.)
Houston, William B., Alhambra, Calif. Waterproofing solution for cement and stucco. 2,167,300; July 25.
Houtzaager, Dirk, Velp, Netherlands, assignor to American Enka Corporation, Enka, N. C. Treatment of artificial silk packages. 2,155,312; Apr. 18.
Houwink, Roelof, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electrical insulating material and making same. 2,148,201; Feb. 21.
Houx, Earl O. (See Coogan, F. L., and Houx.)
Hovden, Knut, Monterey, Calif. Catching fish. 2,163,282; June 20.
Hovden, Olav. (See Plaman, A. J., Thompson, and Hovden.)
Hovey, Almon G. (See Hodgins, T. S., and Hovey.)
Hovey, Almon G., Pleasant Ridge, and T. S. Hodgins, assignors to H. Reichhold, Detroit, Mich., doing business as Reichhold Chemicals. Acid-amine condensation products. 2,149,678; Mar. 7.
Hovey, Almon G., Pleasant Ridge, and T. S. Hodgins, assignors to H. Reichhold, doing business as Reichhold Chemicals, Detroit, Mich. Acid-amine condensation product. 2,153,801; Apr. 11.
Hovey, Mark H., Stoughton, Wis. Refrigerating truck. 2,161,050; June 6.
Hovey, Preston W., and C. L. Thompson, Oakland, Calif. Spray gun. 2,156,783; May 2.
Hovey, Rexford W., Bronxville, N. Y., assignor to Oxford Paper Company. Paper and making the same. 2,173,167; Sept. 19.
Hovgaard, Ole M., Orange, and L. F. Koerner, Summit, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric apparatus. 2,157,703; May 9.
Hovgard, Paul E., Bristol, assignor to Kellett Autogiro Corporation, Philadelphia, Pa. Aerial advertising banner. 2,153,562; Apr. 11.
Hovgard, Paul E., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Aircraft wing arrangement. 2,165,482; July 11.
Hoving, Albert, Calgary, Alberta, Canada. Electric vulcanizing device. 2,179,819; Nov. 14.
Hovland, Henry, Williston Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,151,767; Mar. 28.
Hovland, Henry, Williston Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,165,855; July 11.

How, Harlan W., assignor to Struthers Wells-Titusville Corporation, Titusville, Pa. Separator. 2,163,600; June 27.
Howald, Arthur M. (See Shepard, W. N., and Howald.)
Howald, Arthur M., and L. S. Meyer, assignors to Plaskon Company, Incorporated, Toledo, Ohio. Bonded surface layer and forming it. 2,178,358; Oct. 31.
Howard, Alan F., Winchester, Mass. Toy structural material. 2,156,155; Apr. 25.
Howard Bros. Mfg. Co. (See Becker, Bertil I., assignor.)
Howard and Bullough, Limited. (See Pilling, John, assignor.)
Howard and Bullough, Limited. (See Wilson, William, assignor.)
Howard, Cecil D., Swarthmore, assignor to Sun Shipbuilding & Dry Dock Company, Chester, Pa. Internal combustion engine. 2,164,522; July 4.
Howard, Charles W., Franklin, assignor to The Black-Clawson Company, Hamilton, Ohio. Paper making apparatus. 2,162,403; June 13.
Howard, Charles W., Franklin, assignor to The Black-Clawson Company, Hamilton, Ohio. Paper making apparatus. 2,184,189; Dec. 19.
Howard, Clarence B., Oakland, Calif., assignor to E. H. Kueffer. Vehicle signal switch. 2,153,621; Apr. 11.
Howard, Darnley E., Washington, D. C. Optical apparatus for indicating the position of a tool. 2,145,116; Jan. 24.
Howard, David J., assignor to Quaker Manufacturing Company, Chicago, Ill. Window for stoves. 2,157,413; May 9.
Howard, Ernest A. (See Frech, T. W., Howard, and Scott.)
Howard, Ernest A., and K. D. Scott, Cleveland Heights, Ohio, assignors to General Electric Company. Vehicle head lamp. 2,177,216; Oct. 24.
Howard, Ernest A., and K. D. Scott, Cleveland Heights, Ohio, assignors to General Electric Company. Vehicle head lamp. 2,177,217; Oct. 24.
Howard, Erwin S., Oswego, N. Y. Filing cabinet. 2,174,939; Oct. 3.
Howard, Frank A., Elizabeth, N. J. Mechanical movement. 2,184,839; Dec. 26.
Howard, George E., Butler, Pa. Speed regulator. 2,156,116; Apr. 25.
Howard, George E., Butler, Pa. Speed regulator. 2,176,739; Oct. 17.
Howard, George E., Butler, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Method of and machine for forming glassware. 2,161,255; June 6.
Howard, George E., Butler, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Tempering glass. 2,178,520; Oct. 31.
Howard, George G., assignor to Scovill Manufacturing Company, Waterbury, Conn. Clincher hose coupling. 2,142,752; Jan. 3.
Howarth, Harry A. S., assignor to Kingsbury Machine Works, Inc., Philadelphia, Pa. Lubricating means for thrust bearings. 2,168,343; Aug. 8.
Howarth, Harry A. S., assignor to Kingsbury Machine Works, Inc., Philadelphia, Pa. Lubricating means for thrust bearings. 2,168,344; Aug. 8.
Howard, Henry C., assignor to Carnegie Institute of Technology, Pittsburgh, Pa. Separation and purification of organic acids. 2,176,343; Oct. 17.
Howard Hosiery Company. (See Stevenson, Frank, assignor.)
Howard Hosiery Company. (See Tait, Francis, Jr., assignor.)
Howard, James H., assignor to J. H. McEvoy & Company, Houston, Tex. Manifold tie rod clamp. 2,174,001; Sept. 26.
Howard, John H. (See Catland, A. C., and Howard.)
Howard, John J., Germantown, Philadelphia, Pa. Golf club. 2,155,830; Apr. 25.
Howard, Joseph A., assignor of one-third to The Moulded Hair Company Limited, London, and one-third to J. A. Talalay, Bedford, England. Upholstery padding material. 2,159,213; May 23.
Howard, Joseph O., assignor to Sail-Me Company, Inc., Chicago, Ill. Lamp shade. 2,163,427; June 20.
Howard, L. G. (See Evans, Charles E., assignor.)
Howard, Newell L., assignor to Rex International Corp., New York, N. Y. Artificial candle. 2,154,618; Apr. 18.
Howard, Richard R., and W. C. Anthony, assignors to Anthony Company, Inc., Streator, Ill. Raising and tipping vehicle. 2,183,813; Dec. 19.
Howard, Ronald J., Fort Worth, Tex. Oil well pump. 2,172,101; Sept. 5.
Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Receptacle filling machine. 2,146,072; Feb. 7.
Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Weighing machine. 2,151,107; Mar. 21.
Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging and weighing machine. 2,162,219; June 13.
Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Labeling machine. 2,168,525; Aug. 8.
Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Container filling machine. 2,172,102; Sept. 5.
Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Receptacle cleaning machine. 2,172,509; Sept. 12.
Howard, Stanley R., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Carton sealing machine. 2,183,163; Dec. 12.
Howard, Wayne A. (See Bolinger, J. C., Howard, and Woolley.)
Howard, Wayne A., Whittier, and T. C. Smith, Huntington Park, Calif., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Fabricating lined vessels. 2,148,427; Feb. 28.
Howard, Wayne A., Whittier, and T. C. Smith, Huntington Park, Calif., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Fabricating lined vessels. 2,172,819; Sept. 12.
Howard, Willard, Waban, Mass., assignor to The Celastic Corporation, Arlington, N. J. Shoe stiffener. 2,154,571; Apr. 18.
Howarth, David, Glendale, Calif., assignor to South Bend Bait Company, South Bend, Ind. Reel seat. 2,166,407; July 18.
Howarth, Harry A. S., assignor to Kingsbury Machine Works, Inc., Philadelphia, Pa. Radial bearing. 2,182,539; Dec. 5.
Howarth, John F., Long Beach, assignor of one-half to A. I. Elias, New York County, N. Y. Composition for soldering metal. 2,179,258; Nov. 7.
Howat, Clarence W., Pittsburgh, Pa. Blast furnace cinder or open hearth slag pot. 2,143,557; Jan. 10.
Howat, Clarence W., Pittsburgh, Pa. Car truck side frame. 2,162,307; June 13.
Howe, Andrew F., University City, and R. A. Bagnell, La Due, Mo. Gasoline meter dial. 2,169,048; Aug. 8.
Howe, Andrew F., University City, Mo. Burial box. 2,180,739; Nov. 21.
Howe, Bert A., Tucson, Ariz. Dough twisting machine. 2,175,119; Oct. 3.
Howe, Charles H. R., Richmond, Va. Rail and cross-tie assembly. 2,154,164; Apr. 11.
Howe, Earl E., Royal Oak, Mich. Hinge mechanism. 2,163,323; June 20.
Howe, Emery D., Coldwater, Mich. Fishing reel. 2,153,250; Apr. 4.
Howe, Francis R., Wakeman, Ohio. Supplemental panel stove top. 2,183,935; Dec. 19.
Howe, Frank D., Akron, Ohio. Fireplace furnace. 2,154,939; Apr. 18.
Howe, George J., Grove City, Pa. Key holder. 2,155,014; Apr. 18.
Howe, Goodwin H., Scotia, N. Y., assignor to General Electric Company. Metallic boat for use in high temperature furnaces. 2,142,846; Jan. 3.
Howe, Goodwin H., Scotia, N. Y., assignor to General Electric Company. Soft soldering alloys containing aluminum. 2,169,098; Aug. 8.
Howe, Harold, New York, N. Y. Folding ironing table and the like. 2,176,302; Oct. 17.
Howe, James F. (See Morrison, J. J., and Howe.)
Howe, Joseph B., Worcester, assignor to Geo. S. Harwood & Son, Boston, Mass. Trip mechanism for automatic weighers. 2,179,743; Nov. 14.
Howe Machinery Co. (See Lioy, Francesco P., assignor.)
Howe, Nettie M., Austin, Minn. Shampoo apparatus. 2,167,572; July 25.
Howe, Ramon R., deceased, by C. S. Hegel, administrator, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Control system. 2,175,729; Oct. 10.
Howe, Winthrop K., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,153,520; Apr. 4.
Howe, Winthrop K., assignor to General Railway Signal Company, Rochester, N. Y. Railway traffic controlling system. 2,163,881; June 27.
Howe, Wilfred H., Winchester, assignor, by mesne assignments, to The Foxboro Company, Foxborough, Mass. Automatic control of electric power. 2,168,031; Aug. 1.
Howe, Wilfred H., Winchester, assignor, by mesne assignments, to The Foxboro Company, Foxborough, Mass. Correcting control method and mechanism. 2,172,474; Sept. 12.
Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Photographic film treating apparatus. 2,162,016; June 13.
Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Photographic camera. 2,165,706; July 11.
Howell, Albert S., assignor to The Bell & Howell Company, Chicago, Ill. Intermittent feed device. 2,168,771; Aug. 8.
Howell Company, The. (See Bower, Byron F., assignor.)
Howell Company, The. (See Hoffmann, Wolfgang, assignor.)
Howell, Cooper, Blue Bell, assignor to The Edwin H. Fitler Company, Philadelphia, Pa. Rope structure. 2,176,422; Oct. 17.
Howell, Edward N., Swannanoa, N. C. Key-filing device. 2,157,788; May 9.
Howell, Edward T., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the benzanthrone series. 2,170,381; Aug. 22.
Howell Electric Motors Company. (See Sinnett, John B., assignor.)

Howell, Martin L., Freedom, Pa. Separable electrical connector. 2,183,911; Dec. 19.
Howell, Roy C., Lakewood, Ohio. Industrial truck. 2,143,983; Jan. 17.
Howell, Roy C., Lakewood, Ohio. Detachable coupling for electrical conductors. 2,171,726; Sept. 5.
Howells, George B. (See Flood, W. E., and Howells.)
Howenstine, James A., assignor to Neon Products, Inc., Lima, Ohio. Illuminated sign. 2,165,550; July 11.
Howenstine, James A., assignor to Neon Products, Inc., Lima, Ohio. Illuminated advertising device. 2,178,634; Nov. 7.
Hower, Harry C., Chicago, Ill. Tire. 2,155,972; Apr. 25.
Howett, Charles E., assignor to Howett Laboratories, Inc., Lancaster, Pa. Disabling liquid. 2,171,701; Sept. 5.
Howett Laboratories, Inc. (See Howett, Charles E., assignor.)
Howey, Walter, B. Woodward, and J. R. Hancock, New York, N. Y., assignors to Lee Electric Corporation, Demarest, N. J. Remote control photoelectric engraving. 2,164,209; June 27.
Howey, Walter, Demarest, N. J. Introducing signals to and receiving signals from telephone circuits. 2,165,856; July 11.
Howie, James E. (See Howie, Robert K. and J. E.)
Howie, Robert K. and J. E., Chicago, Ill. Mixing and molding device. 2,166,437; July 18.
Howk, Benjamin W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic hydrogenation of dinitriles to diamines. 2,166,150; July 18.
Howk, Benjamin W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic hydrogenation of adiponitriles to produce hexamethylene diamines. 2,166,151; July 18.
Howk, Benjamin W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of aliphatic dinitriles. 2,166,152; July 18.
Howk, Benjamin W., Wilmington, and W. A. Lazier, New Castle County, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dehydrogenation of secondary hydroxy compounds and products obtained therefrom. 2,173,114; Sept. 19.
Howland, John G., Old Greenwich, Conn., assignor of one-half to H. Schwartz, New York, N. Y. Slip. 2,153,836; Apr. 11.
Howland, Louis H., Nutley, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Treatment of rubber. 2,183,567; Dec. 19.
Howle, Louis W., Nashville, Tenn., assignor to American Telephone and Telegraph Company. Start-stop printing telegraph system. 2,184,916; Dec. 26.
Howlett, Arlene R., Buchanan, Mich. Mop wringer. 2,161,577; June 6.
Howlett, Grayle W., Evanston, Ill. Decoratively covered object of irregular surface contour and method. 2,149,293; Mar. 7.
Howlett, John W., Lymington, England. Providing cast-iron articles with a cell-like surface. 2,151,972; Mar. 28.
Howlett, Lewis G., assignor to Cookware Company of America, Hartford, Mich. Cooking utensil assembly. 2,177,487; Oct. 24.
Howsam, Hilyard C., assignor to Hubbard Spool Company, Chicago, Ill. Spool. 2,144,723; Jan. 24.
Howsam, Hilyard C., assignor to Hubbard Spool Company, Chicago, Ill. Spool construction. 2,163,685; June 27.
Howse, Curtis L. (See Brelsford, H. E., Howse, and Bowers.)
Howse, Curtis L. (See Thomas, W. P., Howse, Brelsford, and Bowers.)
Hoy, Edward W., Buffalo, assignor to Permochart Corporation, New York, N. Y. Record chart for automatic recording instruments. 2,156,289; May 2.
Hoy, Harvey H., Fillmore, Calif. Dry shaver. 2,168,823; Aug. 8.
Hoy, John E. (See Stacy, T. F., and Hoy.)
Hoya, Roy M., assignor to The T. L. Smith Company, Milwaukee, Wis. Concrete mixer. 2,175,464; Oct. 10.
Hoye, James B. (See Slye, E. A., Wild, Hoye, and Spaunburg.)
Hoye, Peder B., Maywood, assignor to Electrical Engineers Equipment Company, Melrose Park, Ill. Switch. 2,157,174; May 9.
Hoye, Peder B., Maywood, assignor to Electrical Engineers Equipment Company, Melrose Park, Ill. Switch. 2,172,201; Sept. 5.
Hoyer, Hans. (See Schlichenmaier, H., Hoyer, and Berlin.)
Hoyle, Robert L., Lombard, assignor to Burgess Battery Company, Chicago, Ill. Silencer. 2,166,408; July 18.
Hoyois, Léon, Gilly, Belgium. Quantitative separation of materials. 2,184,594; Dec. 26.
Hoysted, Elizabeth A., New York, N. Y. Hair curler. 2,170,785; Aug. 22.
Hoyt, Cornelius F., assignor of one-third to N. Olinekow and one-third to H. Leschner, Rochester, N. Y. Spray gun and means for heating air and liquid supplied thereto. 2,148,986; Feb. 28.
Hoyt, Ernest W., Kalispell, Mont. String-tensioning device for musical instruments. 2,144,974; Jan. 24.
Hoyt, Frederick A., East Orange, and P. E. Mills, Towaco, N. J., assignors to Bell Laboratories, Incorporated, New York, N. Y. Coin collector. 2,179,091; Nov. 7.
Hoyt, Karl R., North Hollywood, Calif., assignor to Radio-Vision Corporation of America. Image transmitting and receiving system. 2,176,136; Oct. 17.
Hoyt, Robert O., assignor to The Tomkins-Johnson Company, Jackson, Mich. Actuating mechanism. 2,176,008; Oct. 10.
Hoyt, Roy C., Duluth, Minn. Brake mechanism. 2,158,699; May 16.
Hoyt, Roy C., Duluth, Minn. Brake mechanism. 2,158,700; May 16.
Hoyward, Ralph A., assignor to Kalamazoo Vegetable Parchment Company, Parchment, Mich. Printing and punching registering apparatus. 2,151,028; Mar. 21.
Hromatka, Otto, Darmstadt, Germany, assignor to Merck & Co. Inc., Rahway, N. J. Production of thiazoles. 2,160,867; June 6.
Hruska, Frank J., and E. D. Greedy, assignors to Lefebure Corporation, Cedar Rapids, Iowa. Stand. 2,158,020; May 9.
Hruska, Leo J., Merchantville, N. J., assignor to Radio Corporation of America. Rectifier system. 2,160,070; May 30.
Hubaard and Company. (See Peirce, Charles L., Jr., assignor.)
Hubacher, Max, Valley Stream, N. Y., assignor to Ex Lax, Inc. Producing phenolphthalein. 2,168,346; Aug. 8.
Hubacker, Earl F., Highland Park, Mich., assignor to Borg-Warner Corporation. Refrigerating apparatus. 2,153,371; Apr. 4.
Hubacker, Earl F., Highland Park, Mich., assignor to Borg-Warner Corporation. Electric motor and making the same. 2,153,563; Apr. 11.
Hubacker, Earl F., Highland Park, Mich., assignor to Borg-Warner Corporation. Air conditioning system. 2,180,634; Nov. 21.
Hubald, Bernhard. (See Seliger, H., Bretschneider, Hubald, Krüger, and Truglitzka.)
Hubbard. Albert B., and M. Stanton, Bloomfield, N. J., assignors to General Electric Company. Fan and making same. 2,155,231; Apr. 18.
Hubbard, Arthur R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Toe rest for shoe machines. 2,160,868; June 6.
Hubbard, Bruce W. (See Lippincott, W. A., and Hubbard.)
Hubbard and Company. (See Hocher, Andrew A., assignor.)
Hubbard, David E. (See Hubbard, George W., and D. E.)
Hubbard, Elbert B., assignor to Williams Furniture Company, Sumter, S. C. Sanding wheel. 2,147,901; Feb. 21.
Hubbard, Francis A., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,149,343; Mar. 7.
Hubbard, Francis C., Minneapolis, Minn. Heat saving device. 2,143,269; Jan. 10.
Hubbard, George W., LaSalle, and D. E. Hubbard, Brighton, Colo. Jar lifter. 2,165,264; July 11.
Hubbard, Michael E., Paris, France. Liquid level gauge. 2,164,243; June 27.
Hubbard Spool Company. (See Howsam, Hilyard C., assignor.)
Hubbard Spool Company. (See Tucker, George G., Jr., assignor.)
Hubbard, Ward J., assignor to The Wabash Fibre Box Company, Terre Haute, Ind. Carton. 2,151,472; Mar. 21.
Hubbard, William, Dolgeville, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel press and pressing heels. 2,152,646; Apr. 4.
Hubbard, William, Dolgeville, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel building machine. 2,176,180; Oct. 17.
Hubbard, William A., Minneapolis, Minn. Humidification spray device. 2,177,111; Oct. 24.
Hubbell, Dean S., assignor to H. H. Robertson Company, Pittsburgh, Pa. Composite structure and making the same. 2,164,457; July 4.
Hubbell, Harvey, Jr., Bridgeport, Conn. Mounting for electrical devices. 2,146,741; Feb. 14.
Hubbell, Harvey, Jr., Bridgeport, Conn. Electrical receptacle. 2,152,647; Apr. 4.
Hubbell, Harvey, Jr., Bridgeport, Conn. Vacuum controlled emergency brake operating device. 2,156,290; May 2.
Hubbell, Jesse P., Fanwood, N. J. Telephone instrument. 2,183,744; Dec. 19.
Hubel, Eugen, Berlin, Germany, assignor to General Electric Company. High voltage measurement means. 2,157,823; May 9.
Hubellmeyer, Edward J. (See Jordan, C., and Hubelmeyer.)
Huber, Charlotte, New York, N. Y. Thread dispenser. 2,148,860; Feb. 28.
Huber, Ernst, Zug, Switzerland, assignor to Landis & Gyr, A.-G. Thermostatic temperature regulator. 2,183,745; Dec. 19.
Huber, Eugen, Leverkusen-I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the naphthophenosafranine series. 2,178,793; Nov. 7.
Huber, George H., Manhasset, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multiplex multiline carrier system. 2,142,316; Jan. 3.

Huber, Hans. (See Bornemann, F., and Huber.)
Huber, Henry, Woodside, N. Y. Hair curling device. 2,160,362; May 30.
Huber, Horace H., assignor to Charles A. Pipenhagen, Chicago, Ill. Method and apparatus for utilization of low grade fuel in internal combustion engines. 2,163,241; June 20.
Huber, J. M., Corporation. (See Price, Howard W., assignor.)
Huber, James W. (See Orlando, D. N., and Huber.)
Huber, John (Jack), Cincinnati, Ohio. Two-way test and waste plug. 2,161,783; June 13.
Huber, Joseph E. (See Swanson, J. M., Huber, and Olson.)
Huber, Matthew W. (See Kempton, H. E., and Huber, assignors.)
Huber, Matthew W., assignor to Tuthill Pump Company, Chicago, Ill. Strainer. 2,143,270; Jan. 10.
Huber, Paul M., assignor to General Motors Corporation, Detroit, Mich. Silencer. 2,160,332; May 30.
Huber, Price, Brookline, assignor to Rust Craft Publishers, Inc., Boston, Mass. Greeting card. 2,145,794; Jan. 31.
Huber, Robert, Baltimore, Md. Folding cake tray with mat. 2,177,390; Oct. 24.
Huber, Wilhelm. (See Felix, F., and Huber.)
Huber, Wilhelm. (See Felix, F., von Capeller, and Huber.)
Huber, Wilhelm, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs and making same. 2,173,417; Sept. 19.
Huber, William G., Hopkins, Minn. Support-engaging base for display devices. 2,166,470; July 18.
Hubert, Franz E., Dessau-Ziebigk, E. Heisenberg, Leipzig, and A. Steindorff and L. Orthner, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Imparting hydrophobic properties to cellulose fibers. 2,165,265; July 11.
Huberty, Oliver A., Lakewood, Ohio. Clothesline tightener. 2,169,530; Aug. 15.
Hubley Manufacturing Company, The. (See Brubaker, Jacob E., assignor.)
Hubmann, Otto, Frankfort-on-the-Main, and L. Ruckes, Offleben, near Helmstedt, Germany, assignors to American Lurgi Corporation, New York, N. Y. Device for discharging materials. 2,148,946; Feb. 28.
Hubron Company, The. (See Brown, Hugh S., assignor.)
Huck, Charles W., et al. (See Bonen, Thomas L., assignor.)
Huck-Gerhardt Company. (See Bartel, Harry H., assignor.)
Huck, Louis C., Grosse Pointe, assignor to Huxon Holding Corporation, Detroit, Mich. Rivet and setting the same. Re. 21,058; Apr. 25.
Huck, Louis C., Grosse Pointe Village, Mich., assignor to Huxon Holding Corporation. Trigger construction. 2,159,590; May 23.
Huck, Louis C., Buchanan, Mich., assignor to Huxon Holding Corporation. Hydraulic cycle control. 2,177,828; Oct. 31.
Huck, William F. (See Keller, G. M., and Huck.)
Huck, William F., Richmond Hill, N. Y. Railway track lubricating device. 2,152,696; Apr. 4.
Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Sheet feeding mechanism for printing machines. 2,144,881; Jan. 24.
Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Hydraulic piston packing. 2,149,294; Mar. 7.
Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Make-ready and proof machine. 2,158,237; May 16.
Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Matrix making machine with pressure indicator. 2,166,153; July 18.
Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Registering printing plates. 2,177,653; Oct. 31.
Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Registering printing machine cylinders. 2,181,894; Dec. 5.
Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Registering mechanism for printing cylinders. 2,181,895; Dec. 5.
Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Sheet feeding mechanism. 2,182,435; Dec. 5.
Huck, William F., Richmond Hill, assignor to R. Hoe & Co., Inc., New York, N. Y. Moisture distributing mechanism for printing machines. 2,183,568; Dec. 19.
Hucke, Charles H., assignor to Ventrite, Inc., St. Louis, Mo. Window screen. 2,151,295; Mar. 21.
Huckins, Arthur S., Philadelphia, Pa. Printing press. 2,161,866; June 13.
Hucks, Robert T., South River, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating compositions and preparing same. 2,157,901; May 9.
Hucks, Robert T., South River, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Enamel composition. 2,170,658; Aug. 22.
Hudgens, Mark C. (See Hudgens, Waman M. and M. C.)
Hudgens, Waman M. and M. C., Sparta, Tenn. Jewel setting holder. 2,157,789; May 9.
Hudgins, James L. (See Fitzpatrick, Ira H., assignor.)
Hudon, Blanche, New York, N. Y. Bed attachment. 2,174,582; Oct. 3.
Hudson, Alexander A., deceased; G. Hudson, executrix, assignor to B. J. McCashen, Cincinnati, Ohio. Shuttlecock. 2,153,251; Apr. 4.
Hudson, Charles C. (See Elliott, J. R., and Hudson.)
Hudson, Charles J., Eldorado, Kans. Pitman or like machine element. 2,162,436; June 13.
Hudson, Charles J., West Boylston, assignor to Norton Company, Worcester, Mass. Grinding wheel. 2,178,835; Nov. 7.
Hudson, Claude S., Washington, D. C., and N. K. Richtmyer, Greene County, N. Y., assignors to the Government of the United States, as represented by the Secretary of the Treasury. Production of D-ribose from calcium D-altronate. 2,162,721; June 20.
Hudson, Dwight C., deceased, by E. C. Hudson, administratrix, Chicago, Ill. Hair drier. 2,147,704; Feb. 21.
Hudson, Dwight C., assignor to The Wm. Meyer Company, Chicago, Ill. Hair drier. 2,174,583; Oct. 3.
Hudson, Edwin B. (See Millan, E. N., and Hudson.)
Hudson, Edwin B. (See Washburn, D. H., and Hudson.)
Hudson, Edwin B., Middletown, Ohio. Electric switch. 2,151,701; Mar. 28.
Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Process and device for reducing sheet metal. 2,148,469; Feb. 28.
Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Automatic controlling device for tandem mills. 2,155,860; Apr. 25.
Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Elongation gauge and method. 2,167,548; July 25.
Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Tension apparatus for reversible mills. 2,167,549; July 25.
Hudson, Edwin B., assignor to The American Rolling Mill Company, Middletown, Ohio. Hot strip coiling machine. 2,179,011; Nov. 7.
Hudson, Edwin B., and R. S. Burns, assignors to The American Rolling Mill Company, Middletown, Ohio. Needle roll cold reduction mill. 2,165,266; July 11.
Hudson, Eleanor C., administratrix. (See Hudson, Dwight C.)
Hudson, Frank M., Walnut Park, assignor to Pacific Pump Works, Huntington Park, Calif. Valve construction. 2,155,550; Apr. 25.
Hudson, George E., Buffalo, N. Y. Acoustic material. 2,165,101; July 4.
Hudson, Georgiana, executrix. (See Hudson, Alexander A.)
Hudson, H. D., Manufacturing Company. (See Cuff, Fred A., assignor.)
Hudson, H. D., Manufacturing Company. (See Oys, J. E., and Perron, assignors.)
Hudson, Harry W., Ellwood City, Pa., assignor to National Tube Company. Manufacture of steel or alloy tubes. 2,184,498; Dec. 26.
Hudson, Henry G. (See Hudson, John H. and H. G.)
Hudson, Herbert W., Columbus, Ohio. Reconditioning shingled roofs. 2,171,850; Sept. 5.
Hudson, John H. (See Boucher, Harry assignor.)
Hudson, John H. and H. G., Ardmore, Okla. Setting and cementing tool. 2,145,512; Jan. 31.
Hudson, John L., Vancouver, Bitish Columbia, Canada. Closure for collapsible tubes. 2,181,430; Nov. 28.
Hudson, Lycon L., Tampa, Fla. Match box. 2,149,679: Mar. 7.
Hudson Motor Car Company. (See Allison, William D., assignor.)
Hudson Motor Car Company. (See Baits, Stuart G., assignor.)
Hudson Motor Car Company. (See Benz, Erwin J., assignor.)
Hudson Motor Car Company. (See Northrup, H. M., Bartz, and Whisler, assignors.)
Hudson, Richard J. H., Dousland, South Devon, England. Hinge mounting for doors, panels, hatchways, or the like. 2,178,908; Nov. 7.
Hudson, Samuel L., West Terre Haute, Ind. Nonsqueak hammock and swing hanger. 2,182,587; Dec. 5.
Huebener, Mary A., and J. U. Lehn, assignors to Animal Trap Company of America, Lititz, Pa. Animal trap. 2,159,483; May 23.
Hueber, Henry, assignor to Trico Products Corporation, Buffalo, N. Y. Motor vehicle heater. 2,146,216; Feb. 7.
Huebner, William C., New York, N. Y. Method and apparatus for coating cylinders. 2,148,558; Feb. 28.
Huebner, William C., New York, N. Y. Camera. 2,150,974; Mar. 21.
Huebner, William C., New York, N. Y. Forming a printing element. 2,163,948; June 27.
Huebner, William C., New York, N. Y. Vacuum holder. 2,174,882; Oct. 3.
Huebner, William C., New York, N. Y. Photographically composing type characters. 2,180,417; Nov. 21.
Hueck, Claus. (See Zeh, L., and Hueck.)
Hueglin, Herman C., assignor to Airmaster Corporation, Chicago, Ill. Resilient mounting for a motor or the like. 2,145,655; Jan. 31.
Hueglin, Herman C., assignor to Airmaster Corporation, Chicago, Ill. Ventilating apparatus. 2,161,471; June 6.
Hueglin, Herman C., assignor to Airmaster Corporation, Chicago, Ill. Ceiling mounting fixture. 2,174,747; Oct. 3.

Huehn, Werner, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Iron-tanned leather and making same. 2,178,102; Oct. 31.
Huelster, Otto. (See Reuter, R. L. E., and Huelster.)
Huelster, Otto J., assignor to Scovill Manufacturing Company, Waterbury, Conn. Kick-out device for fastener attaching machines. 2,164,743; July 4.
Huelster, Otto J., and J. G. Wolff, assignors to Scovill Manufacturing Company, Waterbury, Conn. Duplex snap fastener attaching machine. 2,160,146; May 30.
Huenergardt, Clarence H., Cicero, Ill. Amusement game. 2,177,066; Oct. 24.
Huenergardt, William H., Chicago, Ill. Package for razor blades and the like. 2,144,680; Jan. 24.
Huenlich, Charles, Bloomfield, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,177,067; Oct. 24.
Huenlich, Charles, Bloomfield, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph record shaving machine. 2,184,366; Dec. 26.
Huenlich, Charles, Bloomfield, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph record shaving machine. 2,184,367; Dec. 26.
Huenlich, Charles, Bloomfield, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph record resurfacing machine. 2,184,368; Dec. 26.
Huenlich, Charles, Bloomfield, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph record resurfacing machine. 2,184,369; Dec. 26.
Huenlich, Charles, Bloomfield, and H. F. M. Gramann, Orange, assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Record support for phonographs. 2,175,264; Oct. 10.
Huessy, Walther. (See Trachsel, Ernst, assignor.)
Huet, Albert. (See Mouton, A., and Huet.)
Huet, André, Paris, France. Wind deflector and brake. 2,146,297; Feb. 7.
Huet, André, Paris, France. Apparatus for shielding a body from fluid currents. 2,177,887; Oct. 31.
Hueter, Richard. (See Stickdorn, K., and Hueter.)
Huey, Harold I., Lincoln, assignor to Sayles Finishing Plants, Inc., Saylesville, R. I. Finishing textile material. 2,179,505; Nov. 14.
Huey, Henry L., Atlanta, Ga. Cultivator shield. 2,146,338; Feb. 7.
Huff, Arthur E. (See Conover, C., and Huff.)
Huff, Edward I., Reiffton, Pa., assignor to Huff Equipment Company. Annealing furnace. 2,146,432; Feb. 7.
Huff, Edward I., Reiffton, assignor to Huff Equipment Company, Pittsburgh, Pa. Apparatus for treating metal sheets. 2,172,386; Sept. 12.
Huff Equipment Company. (See Huff, Edward I., assignor.)
Huff, Ernest, Elm Grove, assignor to Wehr Steel Company, West Allis, Wis. Method of and apparatus for grinding toothed wheels. 2,158,423; May 16.
Huff, George A. (See Lyon, Harry, assignor.)
Huff, James E., Independence, Kans. Valve for blast machines. 2,177,888; Oct. 31.
Huff, Lyman C., Dayton, Ohio, assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. Re. 21,066; May 2.
Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,144,803; Jan. 24.
Huff, Lyman C., assignor, by mesne assignments to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,146,504; Feb. 7.
Huff, Lyman C., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,175,397; Oct. 10.
Huff, Lyman C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,177,829; Oct. 31.
Huff, Ray Z., Jackson, Mich. Outlet box. 2,143,517; Jan. 10.
Huff, Sargent P., Chevy Chase, Md. Parachute flare. 2,166,154; July 18.
Huff, Van E., Miami, Fla. Tropical louver. 2,168,347; Aug. 8.
Huff, William D., Lafayette, La. Power transmission or clutch. 2,183,454; Dec. 12.
Hufferd, George H. (See Graham, M. P., Hufferd, and Casse.)
Hufferd, George H., Detroit, Mich., assignor to Thompson Products, Incorporated, Cleveland, Ohio. Link body and making same. 2,178,858; Nov. 7.
Hufferd, George H., and M. P. Graham, Detroit, Mich., assignors to Thompson Products Incorporated, Cleveland, Ohio. Joint having cylindrical studs. 2,147,815; Feb. 21.
Hufferd, George H., and J. E. Casse, Detroit, Mich., assignors to Thompson Products Incorporated, Cleveland, Ohio. Joint structure. 2,147,816; Feb. 21.
Huffman, Conard W., Lynwood, Calif. Fuel vaporizing unit for engines. 2,160,309; May 30.
Huffman, Ernest O. (See Cameron, F. K., Huffman, and Taylor.)
Huffman, Jay D., South Bend, Ind., and N. H. Wilkinson, Niles Township, Berrien County, Mich., assignors of one-third to H. Suddarth, Roseland, South Bend, Ind. Tractor-trailer combination. 2,146,145; Feb. 7.
Huffman Manufacturing Company, The. (See Horstman, John H., assignor.)
Huffman, Russell I., Dover, Ohio, assignor to Knapp-Monarch Company, St. Louis, Mo. Sadiron handle structure. 2,147,036; Feb. 14.
Huffman, Russell I., Dover, Ohio, assignor to Knapp-Monarch Company, St. Louis, Mo. Handle structure. 2,154,752; Apr. 18.
Huffman, Samuel A., Ben Avon, assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Type bed gib. 2,167,154; July 25.
Huffman, Samuel A., assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Work-holding vise. 2,168,772; Aug. 8.
Huffman, Samuel A., assignor to Miller Printing Machinery Co., Pittsburgh, Pa. Sawing and trimming machine. 2,173,587; Sept. 19.
Hufford, Harry J., assignor to Franklin S. Miles, Philadelphia, Pa. Thread cleaner. 2,145,624; Jan. 31.
Huffstickler, William A., assignor to Rudisill Machine & Tool Works, Charlotte, N. C. Knot-tying device. 2,169,800; Aug. 15.
Hufnagel, Andrew, Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,158,009; May 9.
Hufnagel, Edw. H., doing business as Norma Chemical Company, Mount Vernon, N. Y. Boiler compounds, soot destroyers, and rust solvents. Serial No. 413,090; Apr. 18. Class 6.
Huggins, Frank E., Jr., assignor to Sowers Manufacturing Co., Buffalo, N. Y. Thermocouple. 2,156,853; May 2.
Huggins, Merion J., Upper Saddle River, N. J. Radio apparatus. 2,165,483; July 11.
Huggins, Owen R., South Norwalk, Conn., assignor to Photo-Cylinder Corporation. Method of and means for engraving a printing surface. 2,143,984; Jan. 17.
Huggins, Owen R., South Norwalk, Conn., assignor to Linotone Corporation. Establishing bleed lines on printing surfaces. 2,175,194; Oct. 10.
Huggins, Owen R., South Norwalk, Conn., assignor to Linotone Corporation. Producing bleed line by diffusion of light. 2,178,118; Oct. 31.
Hughes, Burton S., assignor to Zaremba Company, Buffalo, N. Y. Evaporator. 2,150,860; Mar. 14.
Hughes, Burton S., assignor to Zaremba Company, Buffalo, N. Y. Mounting tube structures for evaporators. 2,176,873; Oct. 24.
Hughes, C. C., et al. (See Ohlrogge, Herbert E., assignor.)
Hughes, Edward, Detroit, Mich., assignor to Borg-Warner Corporation. Refrigerating apparatus. 2,146,505;
Hughes, Edward R. (See Hendershot, R. F., and Hughes.)
Hughes, Everett C. (See Burk, R. E., and Hughes.)
Hughes, Everett C., assignor to The Standard Oil Company, Cleveland, Ohio. Purifying sodium hydroxide. 2,148,470; Feb. 28.
Hughes, Everett C., assignor to The Standard Oil Company (Ohio), Cleveland, Ohio. Cellulosic container for oils. 2,173,517; Sept. 19.
Hughes, Everett C., assignor to The Standard Oil Company, Cleveland, Ohio. Removing sulphur from mineral oil distillates. 2,177,343; Oct. 24.
Hughes, Everett C., assignor to The Standard Oil Company, Cleveland, Ohio. Coated laminated structural material. 2,181,811; Nov. 28.
Hughes, Henry, & Son Limited. (See Everitt, Philip F., assignor.)
Hughes, Henry, & Son, Limited. (See Sproule, Donald O., assignor.)
Hughes, Jess W., R. C. Hopkins, and F. L. Odenbreit, Long Beach, Calif. Perforating pipe. 2,180,331; Nov. 14.
Hughes, Leonard, Chicago, Ill. Vacuum frame. 2,173,168; Sept. 19.
Hughes, Lester, and R. Blackledge, Blandinsville, Ill. Expansion joint. 2,181,018; Nov. 21.
Hughes, Levi P., Summit, N. J. Printing press. 2,143,377; Jan. 10.
Hughes-Mitchell Processes. (See Sessions, R. L., and Mitchell, assignors.)
Hughes, Ralph C., assignor to Reynolds Gas Regulator Co., Anderson, Ind. Pressure actuated valve. 2,165,267; July 11.
Hughes, Ralph C., assignor to Reynolds Gas Regulator Co., Anderson, Ind. Apparatus for automatically controlling reducing valves in gas regulators. 2,174,515; Oct. 3.
Hughes, Ralph C., assignor to Reynolds Gas Regulator Company, Anderson, Ind. Pressure regulator. 2,183,569; Dec. 19.
Hughes, Robert H. S., assignor of one-half to M. Roberts, Baltimore, Md. Stabilizing device. 2,184,301; Dec. 26.
Hughes, Robert H. S., Baltimore, Md., assignor of one-half to M. Roberts, Chicago, Ill. Recoil control of firearms. 2,184,595; Dec. 26.
Hughes, Ronald C. (See Minaeff, M. G., and Hughes.)
Hughes Tool Company. (See Fletcher, Harold W., assignor.)
Hughes Tool Company. (See Garfield, Lewis E., assignor.)
Hughes Tool Company. (See Schlumpf, Robert W., assignor.)
Hughes Tool Company. (See Scott, Floyd L., assignor.)
Hughes Tool Company. (See Wisler, A. E., and Woods, assignors.)

Hughes, Walter J., Chicago, Ill., assignor, by mesne assignments, to Infilco Inc. Liquid control. 2,183,075; Dec. 12.
Hughes, William A., Morristown, N. J., assignor to The Harvel Corporation. Composition of matter and methods and steps of making and using the same. 2,143,880; Jan. 17.
Hughes, William J., assignor to Manifold Supplies Company, Brooklyn, N. Y. Duplicating ink and making the same. 2,155,861; Apr. 25.
Hughes, William J., assignor to Manifold Supplies Company, Brooklyn, N. Y. Duplicating ink. 2,155,862; Apr. 25.
Hughey, Carter J. (See Case, C. Z., and Hughey.)
Hughey Carter J. (See Fairbanks, H. N., and Hughey.)
Hughey, Carter J. (See Wittel, O., and Hughey.)
Hugo, George D. (See Dotzer, L., and Hugo.)
Hugus, Forrest S., Barberton, and L. R. Lower, Akron, assignors to The Sun Rubber Company, Barberton, Ohio. Rubber doll. 2,160,739; May 30.
Huhn, Gustav, Berlin-Tempelhof, Germany. Packing for the shafts of rotary machines, turbines, and the like. 2,149,524; Mar. 7.
Huhn, Gustav, Berlin-Tempelhof, Germany. Assembling packings, linings, and the like. 2,176,816; Oct. 17.
Huhn, Gustav, Berlin-Tempelhof, Germany. Hollow cylinder or ring for packings, bearings, linings, and the like. 2,177,040; Oct. 24.
Huijser, Hendrik W., and C. N. J. de Nooijer, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. High molecular weight polar compounds and process of making the same. 2,142,980; Jan. 3.
Huismann, Johann, Leverkusen-Wiesdorf, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Condensation product having an amidelike structure. 2,165,484; July 11.
Hulbert, George E., and H. S. Indge, Westboro, assignors to Norton Company, Worcester, Mass. Lapping machine. 2,151,473; Mar. 21.
Hulcher, Julius J., Richmond, Va. Door stop. 2,142,753; Jan. 3.
Hulfish, David S. (See Kleinschmidt, E. E., and Hulfish.)
Hull, Albert W., Schenectady, N. Y., assignor to General Electric Company. Cathode for electron discharge devices. 2,162,661; June 13.
Hull, Albert W., and E. E. Burger, Schenectady, N. Y., assignors to General Electric Company. Glass-to-metal seal. 2,167,482; July 25.
Hull, Carl M. (See Gerhart, H. L., and Hull.)
Hull, Edwin J., assignor to Trabon Engineering Corporation, Cleveland, Ohio. Hydraulically operated flow reversing valve. 2,175,398; Oct. 10.
Hull, Harry B., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,145,354; Jan. 31.
Hull, Harry B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,150,224; Mar. 14.
Hull, Harry B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,155,831; Apr. 25.
Hull, Harry B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,161,297; June 6.
Hull, Harry B., and A. A. McCormack, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,158,542; May 16.
Hull, John B., Berkeley, assignor to Westinghouse Pacific Coast Brake Company, Emeryville, Calif. Fuel regulator. 2,145,305; Jan. 31.
Hull, John B., Berkley, Calif., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Magnetic track brake. 2,170,244; Aug. 22.
Hull, John I., Swampscott, Mass., assignor to General Electric Company. Dynamo-electric machine. 2,148,296; Feb. 21.
Hull, Matthew R., Connersville, Ind., assignor, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Refrigerator cabinet. 2,170,717; Aug. 22.
Hull, Richard O., Lakewood, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus and process for the study of plating solutions. 2,149,344; Mar. 7.
Hull, Richard O., Lakewood, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Bright dip. 2,154,451; Apr. 18.
Hull, Richard O., Lakewood, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Electroplating. 2,164,924; July 4.
Hull, Robert W., assignor to Rex Manufacturing Company, Connersville, Ind. Ladder. 2,144,293; Jan. 17.
Hull, Samuel P., Yonkers, assignor to Railroad Accessories Corporation, New York, N. Y. Door fastener. 2,180,306; Nov. 14.
Hull, Samuel P., Yonkers, and J. J. Corcoran, Albany, assignors to Railroad Accessories Corporation, New York, N. Y. Pipe carrier. 2,166,409; July 18.
Hull, Thelma L. (See Hull, Willard P. and T. L.)
Hull, Walter E., Warren, Ohio. Magnetic compass. 2,155,712; Apr. 25.
Hull, Walter E., Warren, Ohio. Bracket. 2,167,046; July 25.
Hull, Walter E., Galveston, Tex. Display rack. 2,160,102; May 30.
Hull, Willard P. and T. L., Portland, Oreg. Condiment dispenser. 2,184,302; Dec. 26.
Hullegård, Erik W. (See Alexandersson, H. V., and Hullegård.)
Hullegård, Erik W., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Electric signaling system. 2,182,152; Dec. 5.
Hulme, Richard E., assignor to Kendall Refining Company, Bradford, Pa. Apparatus for dispensing grease. 2,144,702; Jan. 24.
Hulsart, Dexter D., assignor to The Columbus Coffin Company, Columbus, Ohio. Casket illuminating apparatus. 2,179,409; Nov. 7.
Hulse, Arthur F., assignor of one-half to Sharpe Manufacturing Company, Los Angeles, Calif. Closure. 2,178,964; Nov. 7.
Hulse, George E., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Cooling system. 2,179,632; Nov. 14.
Hulse, George E., New Haven, Conn., and J. Rumpf, New Milford, N. J., assignors to The Safety Car Heating & Lighting Company. Pressure reducing device. 2,154,901; Apr. 18.
Hulse, Ray D., New Bloomfield, Mo. Tail straightener. 2,167,889; Aug. 1.
Hulshizer, Joseph L., Stewartsville, assignor to Ingersoll-Rand Company, Jersey City, N. J. Wear compensating device. 2,161,052; June 6.
Hülster, Friedrich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio tube manufacture. 2,182,341; Dec. 5.
Hulswit, Jan P., Noroton, Conn. Bomb. 2,151,916; Mar. 28.
Hultgren, Albert B., East Milton, Mass. Water heating apparatus. 2,151,108; Mar. 21.
Hultgren, Arnold P., assignor to Sears, Roebuck and Co., Chicago, Ill. Instrument dial. 2,169,447; Aug. 15.
Hultin, Oscar H., assignor to Pneumatic Scale Corporation, Quincy, Mass. Paper bag. 2,162,258; June 13.
Hultquist, Bernard A., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Adjustable tripod head. 2,168,988; Aug. 8.
Hultquist, Martin E., Plainfield, assignor to The Calco Chemical Company, Inc., Bound Brook, N. J. aminoarylsulphonylamino aliphatic acids and their salts. 2,142,847; Jan. 3.
Hultsch, Charles, assignor to C. G. Conn, Ltd., Elkhart, Ind. Tuning device. 2,180,110; Nov. 14.
Human, Henry. (See Muldoon, B. F., and Britsch, assignors.)
Humane Fur Getter, Inc., The. (See Marlman, Ethel P., assignor.)
Humason, Granville A., Houston, Tex. Pump. 2,159,526; May 23.
Humason, Granville A., Houston, Tex. Valve for chokes. 2,173,743; Sept. 19.
Humber, Charles T., Oakland, Calif. Preventing retrograde movement of a vehicle. 2,156,590; May 2.
Humbert, Reuben L., and E. R. Witzel, Kohler, Wis. Prime mover dynamo plant. 2,165,969; July 11.
Humbert, Vallie D. (See Clark, R. F., and Humbert.)
Humble Oil & Refining Company. (See Hartley, Kenneth, assignor.)
Humboldt-Deutzmotoren, A. G. (See Hummel, Adolf., assignor.)
Humby, Albert M., North Petherton, Bridgwater, England. Telegraph signaling apparatus. 2,152,961; Apr. 4.
Hume, James P. (See Rheem, Richard S., assignor.)
Hume, Horace D., and J. E. Love, Garfield, Wash. Rotary reel. 2,165,381; July 11.
Hume, Horace D., and J. E. Love, Garfield, Wash. Adjustable mount. 2,165,382; July 11.
Hume, John T., Chicago, Ill., and C. Van Westrum, Houston, Tex., assignors to Electric Household Utilities Corporation, Chicago, Ill. Cabinet domestic appliance. 2,156,759; May 2.
Humes, James T., Harrisonburg, Va. Transfer article. 2,163,601; June 27.
Humeston, Frederick L., New Haven, Conn., assignor, by mesne assignments, to Western Cartridge Company. Telescope mount for firearms. 2,151,768; Mar. 28.
Humeston, Frederick L., New Haven, Conn., assignor, by mesne assignments, to Western Cartridge Company. Adjustabe telescope mount for firearms. 2,161,051; June 6.
Humeston, Frederick L., Hamden, Conn., assignor, by mesne assignments, to Western Cartridge Company. Telescope mount for firearms. 2,165,796; July 11.
Hummel, Adolf, Ulm-on-the-Donau, assignor to Humboldt-Deutzmotoren, A. G., Cologne-Deutz, Germany. Fireman's ladder. 2,147,370; Feb. 14.
Hummel & Downing Co. (See Wenzel, Fred A., assignor.)
Hummel, Fred F. (See Ballentine, Earle W., assignor.)
Hummel, Fred E. (See Parr, Webster A.)
Hummel, Frederick E., et al. (See Busch, Robert W., assignor.)
Hummel, Henry, New York, N. Y. Electric plug. 2,161,353; June 6.
Hummel, Oscar, Stuttgart-Rohr, Germany. Apparatus for mixing different or similar substances. 2,167,805; Aug. 1.

Hummert, Robert H., assignor to S. H. Thomson Manufacturing Company, Dayton, Ohio. Universal jack switch. 2,177,409; Oct. 24.
Hummon, Cyrus, Miami, Fla. Eye testing instrument. 2,162,617; June 13.
Humoco Corporation. (See Caten, Walter E., assignor.)
Humoco Corporation. (See Moore, George A., assignor.)
Humphner, Ferdinand W., Oak Park, Ill., assignor, by mesne assignments, to Mid-State Gummed Paper Co. Gummed tape. 2,143,600; Jan. 10.
Humphner, Ferdinand W., Oak Park, Ill., assignor, by mesne assignments, to Mid-States Gummed Paper Company. Decalcomania paper. 2,147,345; Feb. 14.
Humphner, Ferdinand W., Oak Park, Ill., assignor, by mesne assignments, to Mid-States Gummed Paper Company. Decalcomania. 2,149,916; Mar. 7.
Humphner, Ferdinand W., Oak Park, Ill., assignor, by mesne assignments, to Mid-States Gummed Paper Company. Stamp. 2,156,018; Apr. 25.
Humphner, Ferdinand W., Oak Park, assignor to Mid-States Gummed Paper Co., Chicago, Ill. Method and means for unremovably securing stamp transfers and the like. 2,168,989; Aug. 8.
Humphner, Ferdinand W., Oak Park, Ill., assignor, by mesne assignments, to Mid-States Gummed Paper Company. Decalcomania. 2,183,315; Dec. 12.
Humphrey, Albert F., Somerville, Mass. Sand spreading apparatus. 2,152,259; Mar. 28.
Humphrey, Bingham J. (See Dunbrook, R. F., and Humphrey.)
Humphrey, Bingham J., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Composite article and making the same. 2,144,495; Jan. 17.
Humphrey, Clen S., Brooklyn, N. Y. Dispensing container. 2,149,698; Mar. 7.
Humphrey, Frank L., Wichita, Kans. Clothesline reel and stretcher. 2,172,907; Sept. 12.
Humphrey, Frank L., Wichita, Kans. Combined basket and stand therefor. 2,183,455; Dec. 12.
Humphrey, Fred, and A. Krieger, assignors to The Pass Book and Check Cover Company, Denver, Colo. Machine for making book covers. 2,171,126; Aug. 29.
Humphrey, George F., Montreal, Quebec, Canada, assignor to Tridek Corporation. Article of food. 2,147,098; Feb. 14.
Humphrey, George P., Mount Vernon, N. Y. Stabilized coupler for tractor drawn trailers. 2,170,898; Aug. 29.
Humphrey, George T., Dallas, Tex. Straight lift pumping apparatus. 2,152,762; Apr. 4.
Humphrey, George T., Dallas, assignor to Republic Supply Company, Houston, Tex. Well pump crank. 2,143,945; Jan. 17.
Humphrey, George T., Dallas, assignor to Republic Supply Company, Houston, Tex. Pumping unit for wells. 2,161,961; June 13.
Humphrey, George T., Dallas, assignor to Republic Supply Company, Houston, Tex. Pumping device. 2,169,493; Aug. 15.
Humphrey, Homer D., et al. (See Coppock, Ira M., assignor.)
Humphrey, Irvin W., assignor to Hercules Powder Company, Wilmington, Del. Producing hydrogenated abietyl alcohol and product. 2,146,897; Feb. 14.
Humphrey, Irwin W., assignor to Hercules Powder Company, Wilmington, Del. Hydrogenated terpene ether. 2,151,769; Mar. 28.
Humphrey, Irvin W., assignor to Hercules Powder Company, Wilmington, Del. Hydrogenated reaction product of a rosin ester and maleic anhydride and its production. 2.167,420; July 25.
Humphrey, Loyd W., Detroit, Mich. Hair curler. 2,172,582; Sept. 12.
Humphrey, Willard D., Bronxville, assignor to Magazine Repeating Razor Company, New York, N. Y. Advertising display device. 2,172,583; Sept. 12.
Humphreys & Glasgow Limited. (See Mengel, Eric C., assignor.)
Humphreys, Robert E., assignor to Standard Oil Company, Whiting, Ind. Distilling oils. Re. 21,095; May 23.
Humphreys, Robert L., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Extreme pressure lubricating compositions. 2,157,452; May 9.
Humphries, Horace E. (See Hensler, B. A., and Humphries.)
Humphries, Horace E., and B. A. Hensler, assignors to Siemens Brothers & Company Limited, London, England. Telephone system. 2,170,899; Aug. 29.
Humphries, Loyal E., Balmorhea, Tex. Rod-supporting bushing. 2,170,718; Aug. 22.
Humphries, Wilfred R., Arcadia, Calif. Interior building construction. 2,142,396; Jan. 3.
Humuco Corporation. (See Moore, George A., assignor.)
Hund, Mildred A., et al. (See Pagliaroni, John V., assignor.)
Hund, Walter J., and S. B. Thomas, Oakland, and D. B. Luten, Jr., Berkeley, assignors to Shell Development Company, San Francisco, Calif. Desulphurizing alkyl phenols. 2,163,227; June 20.
Hund, Walter J., Oakland, and L. Rosenstein, assignors to Shell Development Company, San Francisco, Calif. Treatment of nonmineral fatty matter raffinates. 2,164,012; June 27.
Hund, Walter J., and D. H. Rowe, Oakland, assignors to Shell Development Company, San Francisco, Calif. Fatty matter refining process. 2,164,189; June 27.
Hunefeld, Mark, Fort Dodge, Iowa. Pump jack. 2,147,037; Feb. 14.
Hunefeld, Mark, and A. M. Kallanarud, Fort Dodge, Iowa. Battery terminal clamp. 2,154,507; Apr. 18.
Hungate, James B., Newburgh, and H. A. Strassweg, Evansville, Ind. Automatic drag scraper. 2,152,888; Apr. 4.
Hungaria Kunstdünger, Schwefelsäure und Chemische Industrie. (See Seidl, Otto, assignor.)
Hungerford, Daniel C., Chalfont, Pa., assignor, by mesne assignments, to Star Expansion Bolt Company, New York, N. Y. Form tie. 2,168,990; Aug. 8.
Hungerford, Daniel C., Chalfont, Pa., assignor to Star Expansion Bolt Company, New York, N. Y. Wedge for concrete tie rods. 2,168,991; Aug. 8.
Hunicke, Clarence C., Palisade, N. J., assignor to Auditorium Conditioning Corporation. Air conditioner. 2,150,505; Mar. 14.
Hunker, Martin L., assignor to Reeves Steel and Manufacturing Company, Dover, Ohio. Sheet metal roofing. 2,163,840; June 27.
Hunna, Emerich. (See Lilienfeld, Leon.)
Hunna, Emerich, et al., executors. (See Lilienfeld, Leon.)
Hunneman, John R., Woburn, Mass. Faucet drinking fountain attachment. 2,144,062; Jan. 17.
Hunneman, John R., Woburn, Mass. Portable drinking fountain. 2,145,306; Jan. 31.
Hunold, James L., Mendham, assignor to J. Braun, Linden, and A. Kass, Newark, N. J. Device for indicating results of bowling games. 2,144,975; Jan. 24.
Hunsaker, Claude H., University City, Mo. Earth boring apparatus. 2,149,345; Mar. 7.
Hunsdiecker, Cläre. (See Hunsdiecker, Heinz and C., and Vogt.)
Hunsdiecker, Heinz and C., and E. Vogt, Cologne-Lindenthal, Germany. Manufacturing organic chlorine and bromine derivatives. 2,176,181; Oct. 17.
Hunsdorf, William P., Cleveland, Ohio. Variable speed electrical apparatus and control therefor. 2,153,252; Apr. 4.
Hunsicker, Clyde L., San Francisco, Calif. Instrument supporting apparatus. 2,149,141; Feb. 28.
Hunsicker, Clyde L., assignor of one-half to A. S., L. D., and M. I. Green, San Francisco, Calif. Instrument supporting device. 2,150,975; Mar. 21.
Hunsicker, Clyde L., assignor of one-half to A. S. and M. I. Green, San Francisco, Calif. Instrument supporting device. 2,161,962; June 13.
Hunt, Cyril J., Morrisville, Pa. Pants hanger. 2,148,200; Feb. 21.
Hunt, Donald B., Troy, N. Y. Combination metal-wood ski. 2,158,325; May 16.
Hunt, George H., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,144,020; Jan. 17.
Hunt, George H., assignor to Motor Wheel Corporation, Lansing, Mich. Brake booster. 2,163,686; June 27.
Hunt, Harold W., et al. (See Devey, John, Jr., assignor.)
Hunt, Henry M. (See Schellin, J. C., Housekeeper, and Hunt.)
Hunt, Herbert G., New York, N. Y. Fire alarm thermostatic contact. 2,149,997; Mar. 7.
Hunt, Horace S. (See Stuart, H. W., and Hunt.)
Hunt, J Harold, assignor to Motor Wheel Corporation, Lansing, Mich. Stamped metal wheel. 2,157,175; May 9.
Hunt, J Harold, and H. J. Horn, Lansing, assignors, by mesne assignments, to G. A. Lyon, Detroit, Mich. Vehicle wheel. Re. 21,059; Apr. 25.
Hunt, James B., Dayton, Ohio, assignor of one-half to The Philip Carey Manufacturing Company. Roofing clip. 2,176,344; Oct. 17.
Hunt, James K. (See Latham, G. H., and Hunt.)
Hunt, Jesse A., Collegepark, assignor to Egan Cotton Mills, Atlanta, Ga. Making slivers for use in padding. 2,159,992; May 30.
Hunt, John D., Alexandria Bay, N. Y. Boat. 2,165,633; July 11.
Hunt, John E., Jackson, Calif. Flotation concentration of ores. 2,154,092; Apr. 11.
Hunt, John H., assignor to General Motors Corporation, Detroit, Mich. Double toric friction transmission. 2,157,238; May 9.
Hunt, John L., Detroit, Mich. Toy airplane. 2,166,068; July 11.
Hunt, Lloyd F., Glendale, Calif. Protective system. 2,147,841; Feb. 21.
Hunt, Lloyd F., Glendale, Calif. Power line protective system. 2,147,842; Feb. 21.
Hunt, Logan G. (See Anderson, J. A., and Hunt.)
Hunt, Rodney, Machine Company. (See Frusher, Tom, Jr., assignor.)
Hunt, Rodney, Machine Company. (See Simonds, Warren J., assignor.)
Hunt, Rodney, Machine Company. (See Simonds, W. J., and Jefferson, assignors.)
Hunt, Rufus W., Birmingham, Mich. Looseleaf binder. 2,160,147; May 30.
Hunt, Samuel B., Jr., Essex, Conn. Bottle cap. 2,180,055; Nov. 14.
Hunt, Scott F., assignor to M. E. Chandler, Detroit, Mich. Thermostatic choke-controlled carburetor. 2,143,153; Jan. 10.

Hunt, Scott F., assignor to M. E. Chandler, Detroit, Mich. Automatic choke. 2,158,424; May 16.
Hunt, Seymour, Jackson Heights, Long Island, N. Y., assignor to Radio Corporation of America. Automatic volume control. 2,144,921; Jan. 24.
Hunt, Seymour, Jackson Heights, N. Y., assignor to Radio Corporation of America. Audio amplifier circuit. 2,153,756; Apr. 11.
Hunt, Shirley B., Birmingham, Ala. Natural color cinematography. 2,153,564; Apr. 11.
Hunt, William B., Montgomery, Ala. Hinge. 2,145,307; Jan. 31.
Hunt, William H., National City, assignor to Fish Machinery Corporation, San Diego, Calif. Means and method of filleting fish. 2,149,021; Feb. 28.
Hunt, William H., National City, assignor to Fish Machinery Corporation, San Diego, Calif. Fish filleting machine. 2,149,022; Feb. 28.
Hunt, William H., National City, assignor to Fish Machinery Corporation, San Diego, Calif. Fish-ribbing machine and method. 2,179,821; Nov. 14.
Hunt, William V., Vancouver, British Columbia, Canada. Paper roll dispenser. 2,174,190; Sept. 26.
Hunter, David E., deceased, Muskegon, Mich., by M. H. Brown, East Greenwich, R. I., special administratrix, assignor to The Shaw-Walker Company, Muskegon, Mich. Metal lining for walls of insulated cabinets. 2,153,868; Apr. 11.
Hunter, Francis R., et al. (See Hunter, Ray, assignor.)
Hunter, Frederick, Southborne, England. Manufacturing signs and other display devices. 2,143,946; Jan. 17.
Hunter, Harrison A., Mankato, Kans. Ball catching and throwing apparatus. 2,147,705; Feb. 21.
Hunter, Henry M., New York, N. Y., assignor to Goslin-Birmingham Manufacturing Company, Inc. Filter. 2,174,748; Oct. 3.
Hunter Illuminated Car Sign Co. Inc., The. (See Reisiger, William F., assignor.)
Hunter, James B., Quincy, Mass., assignor to Bethlehem Shipbuilding Corporation, Ltd. Metallic structure. 2,179,820; Nov. 14.
Hunter, John. (See Brierley, A. W., Dunkerley, and Hunter.)
Hunter, John N., Norbury, England, assignor to Pyrene Manufacturing Company, Newark, N. J. Apparatus for trapping dust arising in bore holes. Re. 20,998; Feb. 7.
Hunter, Philip V., and L. G. Brazier, London, and H. Hill, Kent, assignors to Callender's Cable and Construction Company Limited, London, England. Electric cable. 2,149,771; Mar. 7.
Hunter, Philip V., London, and H. Hill, Belvedere, assignors to Callendar's Cable and Construction Company Limited, London, England. Electric cable. 2,149,772; Mar. 7.
Hunter, Philip V., London, and H. Hill, Belvedere, assignors to Callender's Cable and Construction Company Limited, London, England. Metal rolling machine applicable for the manufacture of electric conductors. 2,160,268; May 30.
Hunter, Philip V., and A. W. Metcalf, assignors to Callender's Cable and Construction Company Limited, London, England. Cartridge fuse. 2,180,874; Nov. 21.
Hunter, Ralph M., assignor to The Dow Chemical Company, Midland, Mich. Electrolytic cell. 2,161,166; June 6.
Hunter, Ralph W., Jacksonville, Fla., assignor to Scientific Traffic Controls, Inc. Traffic control sign. 2,155,832; Apr. 25.
Hunter, Ray, assignor to F. R. Hunter and H. M. Farrell, as coowners in common, Williston, N. Dak. Brake for trailers. 2,154,815; Apr. 18.
Hunter, Rex A., Bristol, Pa. Grenade. 2,148,623; Feb. 28.
Hunter, Richard B., Shorewood, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Illumination intensity control system. 2,177,488; Oct. 24.
Hunter, Richard B., Shorewood, and H. L. Mekelburg, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Drum controller. 2,169,049; Aug. 8.
Hunter Sash Company. (See Colleran, Thomas J., assignor.)
Hunter, Willson H., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Brake. 2,174,724; Oct. 3.
Huntington, James M., La Canada, Calif. Barbecue stand. 2,154,165; Apr. 11.
Huntington, Levin B., Jr., Baltimore, Md. Adjustable crank structure. 2,162,173; June 13.
Huntley, George J., and R. J. Stewart, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Filling machine. 2,145,765; Jan. 31.
Huntley, George W., Washington, D. C. Safety plug. 2,149,773; Mar. 7.
Huntley, John G., et al. (See Azarowich, Frank, assignor.)
Huntress, Andrew W., Washington, D. C. Pen attachment. 2,169,644; Aug. 15.
Huntsman, Edwin S., Fillmore, Calif. Pump plunger. 2,180,240; Nov. 14.
Huntzinger, C. Herman, et al. (See Bryant, Thomas W., assignor.)
Huntzinger, Philip J., and G. R. Snyder, Carlisle Barracks, Pa. Roaster platform. 2,145,263; Jan. 31.
Hunyady, Frank W., Chicago, Ill. Brake mechanism. 2,155,089; Apr. 18.
Hunyady, István, Rakospalota, Hungary. Treatment of aluminum ores. 2,160,148; May 30.
Huott, Edmond J., New York, N. Y. Penholder for inkstands. 2,160,661; May 30.
Hupp, Elmer H., assignor to Gunn Furniture Company, Grand Rapids, Mich. Desk. 2,155,048; Apr. 18.
Huppert, William, New York, N. Y., assignor to Delamere Company, Inc. Comb. Re. 21,131; June 27.
Huppert, William, New York, N. Y., assignor to Delamere Company, Inc. Hair curler. 2,142,848; Jan. 3.
Huppert, William, New York, N. Y., assignor to Delamere Company, Inc. Hair fastener. 2,142,849; Jan. 3.
Huppert, William, New York, N. Y., assignor to H. Goodman & Sons, Inc., Jersey City, N. J. Brooch or the like. 2,144,375; Jan. 17.
Huppert, William, New York, N. Y., assignor to Delamere Company, Inc. Ornamental clip. 2,145,224; Jan. 24.
Huppert, William, New York, N. Y., assignor to Delamere Company, Inc. Hair roll or the like. 2,146,674; Feb. 7.
Huppert, William, New York, N. Y., assignor to Delamere Company, Inc. Hair device. 2,146,675; Feb. 7.
Huppert, William, New York, N. Y., assignor to Delamere Company, Inc. Hair fastener. 2,170,778; Aug. 22.
Huppert, William, New York, N. Y., assignor to Delamere Company, Inc. Wave forming and setting device. 2,171,503; Aug. 29.
Hurd, George D. (See Wilkinson, E. W., and Hurd.)
Hurd, Loren C., Glenside, assignor to Röhm & Haas Company, Philadelphia, Pa. Stabilized cuprous oxide. 2,184,617; Dec. 26.
Hurd, Lucian. (See Dixon, S. H., and Hurd.)
Hurd, Norman B., Newington, assignor to The American Hardware Corporation, New Britain, Conn. Lock. 2,164,290; June 27.
Hurd, Ralph H. (See Youngfelt, T. T., Besal, and Hurd.)
Hurff, Joseph L., Flushing, N. Y., assignor to Hazeltine Corporation. Frequency selector system. 2,151,109; Mar. 21.
Hurja, Arthur O., et al. (See Stratton, Glen S., assignor.)
Hurlburt, Edward N., assignor to Taylor Instrument Companies, Rochester, N. Y. Electric contact thermometer. 2,160,404; May 30.
Hurlburt, Wilbur F., East Orange, N. J., assignor to Automatic Switch Co., New York, N. Y. Solenoid valve. 2,168,774; Aug. 8.
Hurley, Albert B., Huntington, N. Y. Sound-reproducing and light-reflecting motion picture screen. 2,175,434; Oct. 10.
Hurley, Dan. J., Los Angeles, Calif. Precast building slab. 2,154,619; Apr. 18.
Hurley, Patrick J., Secretary of War of the United States of America, and his successors in office. (See Barker, M. E., and Danner, assignors.)
Hurley, Walter G., Gladewater, Tex., assignor of one-half to L. A. Crancer, Webster Groves, and one-half to G. B. Fleischman, University City, Mo. Collapsible deep well drill. 2,173,018; Sept. 12.
Hürlimann, Max, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric valve protective system. 2,170,499; Aug. 22.
Hurlock, Edward K., Baltimore, Md. Football game apparatus. 2,148,354; Feb. 21.
Hurlow, Hugh, Jr. (See Riblet, Royal N., assignor.)
Hurn, James E., La Porte, Ind., assignor to De Luxe Products Corporation. Oil purifying device. 2,168,124; Aug. 1.
Hurn, James E., La Porte, Ind., assignor to De Luxe Products Corporation. Fuel oil filter cartridge. 2,168,125; Aug. 1.
Hurn, James E., La Porte, Ind., assignor to De Luxe Products Corporation. Winding cartridges. 2,175,775; Oct. 10.
Hurrell, Guy C., assignor to The P. & M. Co. (England) Ltd., London, England. Rail greasing appliance. 2,181,235; Nov. 28.
Hurst, Eda, et al. (See Strobel, Roy E., assignor.)
Hurst, Edward, assignor to United Cotton Products Company, Fall River, Mass. Impregnating a web of fibrous material. 2,142,397; Jan. 3.
Hurst, Edward, and M. Crane, assignors to United Cotton Products Company, Fall River, Mass. Making web material. 2,168,775; Aug. 8.
Hurst, Fred. (See Strobel, Roy E.)
Hurst, George P., et al. (See Monner, Ray J., assignor.)
Hurst, Ira N. (See Hansen, Julius W. and W. L., and Hurst.)
Hurst, Ira N. (See Hansen, W. L., and Hurst.)
Hurst, James L., Spirit Lake, Iowa, assignor of one-half to B. E. Grottum, Jackson, Minn. Mail box. 2,156,854; May 2.
Hurston, Maxwell, Washington, D. C. Needle adapter. 2,153,253; Apr. 4.
Hurt, George F., New York, N. Y., assignor, by mesne assignments, to Jig-Action Filters, Inc. Cleaning of filter beds. 2,156,291; May 2.
Hurt, Samuel N., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,149,888; Mar. 7.
Hurt, Samuel N., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Weighing scale. 2,170,798; Aug. 29.
Hurt, Victor C., Dallas, Tex. Formation display device. 2,158,368; May 16.

Hurt, Victor H., Providence, R. I., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Laminated sheet material and article made therefrom. 2,183,380; Dec. 12.

Hurtado, Paul A., Toledo, Ohio. Pedal-car shield. 2,160,546; May 30.

Hurter, Henry, and C. J. Kurth, assignors to Fulton Iron Works Company, St. Louis, Mo. Tine for deep juice grooves. 2,151,405; Mar. 21.

Hurwitt, Samuel J., Los Angeles, Calif. Ant exterminator. 2,176,345; Oct. 17.

Hurwit, Sol, Los Angeles, Calif. Woven shoe. 2,161,472; June 6

Huse, John O. (See Berg, A. J., and Huse.)

Huse, Leon C., Laconia, N. H. Meat-tendering machine. 2,163,123; June 20.

Hushinsky, Max, Brooklyn, N. Y. Laundry washing process. 2,161,167; June 6.

Huskey, Lloyd E., Waterbury, Md. Electric board testing apparatus. 2,167,209; July 25.

Huss, Richard. (See Fischer, E., and Huss.)

Huss, Richard. (See Fischer, E., Gmelin, and Huss.)

Huss, Richard. (See Fischer, E., Huss, and Gmelin.)

Hussey, Philip W., North Berwick, Maine. Supporting horse. 2,158,939; May 16.

Husson, Marie E. L. J., Asnieres, Seine, France. Change speed gear. 2,183,193; Dec. 12.

Husted, Harry A., Lakewood, Ohio, assignor, by mesne assignments, to Thermo-Plastics, Incorporated, St. Clair, Mich. Steering wheel. 2,146,703; Feb. 7.

Husted, Harry A., Sandusky, Ohio, assignor, by mesne assignments, to Thermo-Plastics, Incorporated, St. Clair, Mich. Steering wheel construction. 2,148,559; Feb. 28.

Husted, Harry A., assignor, by mesne assignments, to Thermo-Plastics, Incorporated, St. Clair, Mich. Two-piece hub construction. 2,156,476; May 2.

Husted, Harry A., St. Clair, Mich., assignor, by mesne assignments, to The Standard Products Company, Port Clinton, Ohio. Steering wheel rim and spoke construction. 2,184,800; Dec. 26.

Husted, Harry R., St. Clair, Mich., assignor, by mesne assignments, to The Standard Products Company, Port Clinton, Ohio. Molding plastic material. 2,182,400; Dec. 5.

Husted, Raymond E., Tuxedo Park, N. Y. Air conditioning apparatus. 2,143,777; Jan. 10.

Husting, B. J., et al. (See Kuenzi, Harold R., assignor.)

Huston, Elmer C., Moline, Ill. Automatic signal switch for automobiles. 2,144,571; Jan. 17.

Huston, Frederick P., Fanwood, and A. Wesley, Bayonne, N. J., assignors to The International Nickel Company, Inc., New York, N. Y. Producing composite metals. 2,147,407; Feb. 14.

Huston, Sanford K., Jr. (See Craigie, Frank, assignor.)

Hutaff, George H., Jr. (See Foley, Fred C., assignor.)

Hutaff, George H., Jr. (See Maurer, William O., assignor.)

Hutaff, George H., Jr., Wilmington, N. C. Bottle cap. 2,157,239; May 9.

Hutaff, George H., Jr., Wilmington, N. C. Cigarette case and dispenser. 2,168,214; Aug. 1.

Hutaff, George H., Jr., Wilmington, N. C. Decoy. 2,174,211; Sept. 26.

Hutaff, George H., Jr., Wilmington, N. C. Water and feed device. 2,174,725; Oct. 3.

Hutaff, George H., Jr., Wilmington, N. C. License plate holder. 2,185,084; Dec. 26.

Hutaff, George H., Jr., Wilmington, N. C. License plate holder. 2,185,085; Dec. 26.

Hutchens, Harold G., and J. H. Crosier, Brighton, assignors to The Chef Master Corporation, Rochester, N. Y. Electric stove. 2,183,866; Dec. 19.

Hutchings, John H., Schenectady, N. Y., assignor to General Electric Company. Pool-type discharge device. 2,175,894; Oct. 10.

Hutchings, Joseph L., Newark, N. J., assignor to Brosites Machine Company, Inc., New York, N. Y. Apparatus for making artificial silk. 2,182,540; Dec. 5.

Hutchins, Floy W., et al. (See McEniry, Horace, assignor.)

Hutchins, Hugh A., Los Angeles, Calif. Attachment for tractors and the like. 2,171,792; Sept. 5.

Hutchins, Hugh A., Glendale, and J. S. Stewart, Huntington Park, assignors to Emsco Derrick & Engineering Company, Los Angeles, Calif. Bulldozer attachment for tractors. 2,169,606; Aug. 15.

Hutchins, Hugh A., Glendale, and A. Ashton, Los Angeles, assignors to Emsco Derrick & Equipment Company, Los Angeles, Calif. Scraper. 2,174,749; Oct. 3.

Hutchins, Hugh A., Glendale, and J. S. Stewart, Los Angeles, assignors, by direct and mesne assignments, to Emsco Derrick & Equipment Company, Los Angeles, Calif. Power take-off for power driven vehicles. 2,178,280; Oct. 31.

Hutchins, Otis, assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Silicon carbide product and making the same. 2,150,166; Mar. 14.

Hutchins, Otis, Niagara Falls, N. Y., and J. R. McFarlin, assignors to Electric Service Supplies Company, Philadelphia, Pa. Current control and discharge of transient overvoltages. 2,150,167; Mar. 14.

Hutchins, William H. (See Wallis, C. T., and Hutchins.)

Hutchins, William H., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Room thermostat. 2,160,740; May 30.

Hutchinson, Arthur J. L., Kansas City, Mo., assignor of one-half to The Fluor Corporation, Ltd., Los Angeles, Calif., and one-half to Lone Star Gas Company, Dallas, Tex. Treating gases. 2,177,068; Oct. 24.

Hutchinson, Arthur J. L., Palo Alto, assignor to The Fluor Corporation, Limited, Los Angeles, Calif. Recovering casing head gasoline. 2,181,633; Nov. 28.

Hutchinson, Arthur J. L., Palo Alto, assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. Treating gases. 2,184,596; Dec. 26.

Hutchinson, Claude. (See Kozel, H., Hutchinson, and Baca.)

Hutchinson, Fenton F., assignor to Kohler & Chase, San Francisco, Calif. Current converting system. 2,166,155; July 18.

Hutchinson, Henry M. (See Auden, H. A., Staudinger, and Hutchinson.)

Hutchinson, Miller R., New York, N. Y. Seat. 2,156,629; May 2.

Hutchinson, Richard E., Salem, Ind., assignor to Intertype Corporation, Brooklyn, N. Y. Matrix holder for typographical machines. 2,175,153; Oct. 3.

Hutchison Fine Grain Photo Developers, Inc. (See Holt, Francis A., assignor.)

Hutchison, Frank C., Kansas City, Mo., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Welding nozzle. 2,184,499; Dec. 26.

Hutchison, Frank Y. (See Hutchison, Robert M. and F. Y.)

Hutchison, Oakley, Pedro, Ohio. Boot or shoe. 2,155,599; Apr. 25.

Hutchison, Robert M. and F. Y., Houston, Tex. Apparatus for introducing an odorant fluid into a gas line. 2,175,526; Oct. 10.

Hutchison, William K. (See Pexton, S., Hutchison, and Birks.)

Hutchisson, Clarence L., Jr., Mobile, Ala. Expansion strip. 2,174,940; Oct. 3.

Huth, Fritz, Berlin-Johannistahl, Germany. Blade mounting for aircraft. 2,164,744; July 4.

Huth, Walter H., assignor to Aurex Corporation, Chicago, Ill. Microphone. 2,171,793; Sept. 5.

Huth, Walter H., assignor to Aurex Corporation, Chicago, Ill. A and B battery combination. 2,176,671; Oct. 17.

Huth, Walter H., assignor to Aurex Corporation, Chicago, Ill. Microphone. 2,181,565; Nov. 28.

Huth, Walter H., and J. R. Cubert, assignors to Aurex Corporation, Chicago, Ill. Audiometer. 2,156,945; May 2.

Huthsing, Leo B., Los Angeles, Calif. Hydraulic clutch. 2,172,975; Sept. 12.

Hutsell, Thomas A., Seattle, Wash. Beer dispensing device. 2,151,110; Mar. 21.

Hutt, Robert B. W., Hartford, and R. N. Abild, East Hartford, assignors to trustees of Trinity College, Hartford, Conn. Measuring energy in psychological experimentation. 2,157,790; May 9.

Hüttenwerke Siegerland Aktiengesellschaft. (See Harten, K. P., and Lerg, assignors.)

Hutter, William H., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonograph. 2,154,093; Apr. 11.

Hutter, William H., assignor to Rock-Ola Manufacturing Corp., Chicago, Ill. Phonograph apparatus. 2,161,168; June 6.

Huttig, Hans. (See Reese, R., and Huttig.)

Huttinger, Charles A., Lakewood, assignor to Acme Rayon Corporation, Cleveland, Ohio. Package insert adaptable for the mounting of fine filamentous thread in annular package form. 2,153,420; Apr. 4.

Huttinger, Charles A., Lakewood, assignor to Acme Rayon Corporation, Cleveland, Ohio. Means for use in spinning and in liquid-treating tubular rayon packages. 2,158,581; May 16.

Huttinger, Charles A., Lakewood, assignor to Acme Rayon Corporation, Cleveland, Ohio. Manufacturing artificial silk thread and apparatus therefor. 2,184,144; Dec. 19.

Huttner, Karl. (See Schmidt, W., and Huttner.)

Hutto, Marsden C., Grosse Pointe, Mich., assignor to Pressure Generators, Inc. Combustion apparatus. 2,173,115; Sept. 19.

Hutton, William, Glasgow, and E. B. Hammond, Giffnock, Glasgow, Scotland. Crank bracket for cycles. 2,144,976; Jan. 24.

Huxford, George T., North Kingston, assignor to Builders Iron Foundry, Providence, R. I. Method of and apparatus for telemetric receiver indicating. 2,145,026; Jan. 24.

Huxon Holding Corporation. (See Huck, Louis C., assignor.)

Huxon Holding Corporation. (See Miller, R. A., and Morris, assignors.)

Huye, Joseph G., New Orleans, La. Hat packing stay and combination thereof with a hat box. 2,180,524; Nov. 21.

Huygen, Frédéric C., Schiedam, assignor to N. V. Machinefabriek "Breda" v/h. Backer & Rueb, Breda, Netherlands. Tube plate for multitubular boilers. 2,152,260; Mar. 28.

Hvid, Rasmus M., Wilmette, Ill. Thermal atmolysis and apparatus employing same. 2,158,238; May 16.

Hy, Joseph, Alden, N. Y. Box holder. 2,155,760; Apr. 25.
Hyatt, Campbell C., Jr., Kingsport, Tenn., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Concentrating aqueous aliphatic acid solutions by means of seven carbon atom aliphatic esters and five carbon atom aliphatic alcohol entrainers 2,176,500; Oct. 17.
Hyatt, Elmer, Kansas City, Mo. Pocket knife. 2,159,798; May 23.
Hyatt, Louis C., Albany, N. Y. Lubricant container for journal boxes. 2,153,692; Apr. 11.
Hyatt, Wilbert J., London, Ontario, Canada. Tandem axle hook-up. 2,150,604; Mar. 14.
Hybinette, Noak V., Jackson, Mich. Insulating concrete construction. 2,153,837; Apr. 11.
Hybinette, Noak V., Jackson, Mich. Concrete wall construction. 2,175,895; Oct. 10.
Hyde, A. R., and Sons Co. (See Rossi, Rocco F., assignor.)
Hyde, Arthur L., Blackwood, assignor to Rainbow Plastics Corporation, Grenloch, N. J. Slide for separable fasteners. 2,174,002; Sept. 26.
Hyde, Elbert L., Shaker Heights, assignor to The American Laundry Machinery Company, Norwood, Cincinnati, Ohio. Control mechanism for presses. 2,171,562; Sept. 5.
Hyde, Elbert L., Shaker Heights, assignor to The American Laundry Machinery Company, Norwood, Ohio. Control mechanism for presses. 2,171,563; Sept. 5.
Hyde, Elbert L., Shaker Heights, assignor to The American Laundry Machinery Company, Norwood, Cincinnati, Ohio. Control mechanism for presses. 2,171,564; Sept. 5.
Hyde, Elbert L., Shaker Heights, assignor to The American Laundry Machinery Company, Norwood, Cincinnati, Ohio. Control mechanism for presses. 2,171,565; Sept. 5.
Hyde, Elbert L., Shaker Heights, assignor to The American Laundry Machinery Company, Norwood, Cincinnati, Ohio. Pressing machine control. 2,171,566; Sept. 5.
Hyde, Elbert L., Shaker Heights, assignor to The American Laundry Machinery Company, Norwood, Ohio. Washing machine. 2,175,435; Oct. 10.
Hyde, Henry W., Dedham, and D. Edgar, Lynn, assignors to The Tanning Process Company, Boston, Mass. Drying hides and skins. 2,168,478; Aug. 8.
Hyde, Herman S., Deerfield, Mass. Mechanical movement for toy figures and so forth. 2,158,860; May 16.
Hyde, John R., assignor of one-tenth to W. Bold. Pittsburgh, Pa. Automatic hydraulic clutch. 2,153,372; Apr. 4.
Hyde, Reed W., Summit, N. J. Sintering finely divided fluorspar. 2,184,078; Dec. 19.
Hydraulic Brake Company. (See Bowen, Herbert C., assignor.)
Hydraulic Brake Company. (See Bowen, H. C., and Gardner, assignors.)
Hydraulic Brake Company. (See Fowler, Owen H., assignor.)
Hydraulic Brake Company. (See Gardner, Clarence V., assignor.)
Hydraulic Brake Company. (See Loweke, Aaron A., assignor.)
Hydraulic Brake Company. (See Loweke, Erwin F., assignor.)
Hydraulic Brake Company. (See Oliver, Wallace F., assignor.)
Hydraulic Brake Company. (See Scott, Don O., assignor.)
Hydraulic Brake Company. (See Swift, Harvey C., assignor.)
Hydraulic Braking Company. (See Bowen, Herbert C., assignor.)
Hydraulic Coupling Patents Limited. (See Basebe, A. C., and Sinclair, assignors.)
Hydraulic Coupling Patents Limited. (See Clerk, Robert C., assignor.)
Hydraulic Coupling Patents Limited. (See Sinclair, H. and Clerk, assignors.)
Hydraulic Equalizer Company. (See Wilson, Thomas J., assignor.)
Hydraulic Press Corporation, The. (See Ernst, Walter, assignor.)
Hydraulic Press Corporation, The. (See Farnham, Thaddeus L., assignor.)
Hydraulic Press Corp., The. (See Lawyer, Ira B., assignor.)
Hydraulic Press Corporation, The. (See MacMillin, Howard F., assignor.)
Hydraulic Press Corp., Inc. (See Pocock, P. C., and Shaw, assignors.)
Hydril Company. (See Knox, Granville S., assignor.)
Hydril Company. (See Stone, A. L., and Seaver, assignors.)
Hydril Company. (See Stone, F., and Knox, assignors.)
Hydril Company. (See Stone, Frederick and A. L., assignors.)
Hydril Company of California. (See Stone, Albert L., assignor.)
Hydroblast Corporation, The. (See Tirrell, Leslie L., assignor.)
Hygienic Arts Corporation. (See McGerry, James J., assignor.)
Hygienic Dust Bag Corporation. (See Gasner, Sigmund, assignor.)
Hygienic Tube & Container Corporation. (See Lermer, Herman B., assignor.)
Hygienol Co. Inc., The. (See Meyer, David, assignor.)
Hygrade Sylvania Corporation. (See Biggs, Orrick H., assignor.)
Hygrade Sylvania Corporation. (See Biggs, O. H., and Davis, assignors.)
Hygrade Sylvania Corporation. (See Bowie, Robert M., assignor.)
Hygrade Sylvania Corporation. (See Espersen, George A., assignor.)
Hygrade Sylvania Corporation. (See Haller, Cyrus W., assignor.)
Hygrade Sylvania Corporation. (See Imboden, George J., assignor.)
Hygrade Sylvania Corporation. (See Krahl, Walter L., assignor.)
Hygrade Sylvania Corporation. (See McCarthy, Henry J., assignor.)
Hygrade Sylvania Corporation. (See Miller, Carl F., assignor.)
Hygrade Sylvania Corporation. (See Myers, Henry W., assignor.)
Hygrade Sylvania Corporation. (See O'Neill, George D., assignor.)
Hygrade Sylvania Corporation. (See Palmateer, Russell E., assignor.)
Hygrade Sylvania Corporation. (See Pomfrett, John M., assignor.)
Hygrade Sylvania Corporation. (See Reuscher, B. R., and Bennett, assignors.)
Hygrade Sylvania Corporation. (See Thomas, Ralph B., assignor.)
Hygrade Sylvania Corporation. (See Wittich, Edward H., assignor.)
Hyland, Daniel F., St. Louis, Mo. Orthopedics. 2,162,916; June 20.
Hyland, Lawrence A., Washington, D. C. Radio apparatus. 2,183,746; Dec. 19.
Hyland, Lawrence A., Washington, D. C., assignor, by mesne assignments, to Bendix Radio Corporation, New York, N. Y. Radio apparatus and method of manufacture. 2,144,310; Jan. 17.
Hyland, Lawrence A., Washington, D. C., assignor, by mesne assignments, to Bendix Radio Corporation, New York, N. Y. Radio apparatus. 2,151,917; Mar. 28.
Hyland, Lawrence A., Washington, D. C., assignor, by mesne assignments, to Bendix Radio Corporation, New York, N. Y. Electric discharge device circuits. 2,156,534; May 2.
Hyland, Lawrence A., Washington, D. C., assignor, by mesne assignments, to Bendix Radio Corporation, New York, N. Y. Radio antenna. 2,159,379; May 23.
Hyle, Carrie M., Kansas City, Mo. Chronological gas-recording apparatus. 2,159,380; May 23.
Hyle, Jacob A., assignor to Champion Brake Corporation, Chicago, Ill. Bell-crank lever for hand brakes for railway cars. 2,182,561; Dec. 5.
Hylton, Walter I., New York, and J. Josinsky, Bayside, assignors to Hecker Products Corporation, New York, N. Y. Dispensing device. 2,155,191; Apr. 18.
Hyman, Henry. (See Keller, Frederick A., assignor.)
Hyman, Henry. (See Muldoon, Bernard F., assignor.)
Hyman, Kenneth R., Houston, assignor to R. E. Willson, San Antonio, Tex. Recording system for telephones. 2,176,346; Oct. 17.
Hymans, Frederick, Larchmont, assignor to Otis Elevator Company, New York, N. Y. Elevator safety apparatus. 2,145,656; Jan. 31.
Hymans, Frederick, Larchmont, assignor to Otis Elevator Company, New York, N. Y. Elevator suspension device. 2,148,123; Feb. 21.
Hymans, Frederick, Larchmont, assignor to Otis Elevator Company, New York, N. Y. Elevator safety device. 2,150,373; Mar. 14.
Hynes, Dibrell P., assignor to Chicago Forging & Manufacturing Co., Chicago, Ill. Hood latch. 2,146,186; Feb. 7.
Hynes, Dibrell P., Evanston, assignor to Chicago Forging & Manufacturing Co., Chicago, Ill. Hood latch. 2,146,187; Feb. 7.
Hynes, Dibrell P., assignor to Chicago Forging & Manufacturing Company, Chicago, Ill. Hood latch. 2,166,252; July 18.
Hynson, Westcott & Dunning, Incorporated. (See Krantz, John C., Jr., assignor.)
Hyry, Edmund C. (See Fox, K. R., Hyry, and Hatfield.)
Hysko, John L. (See Davey, J. R., and Hysko.)
Hysko, John L. (See Corwin, T. L., and Hysko.)
Hyslop, Samuel, Newton, Mass. Thread cleaning device. 2,180,985; Nov. 21.
I. G. Farbenindustrie Aktiengesellschaft. (See Baader, Otto, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Baehr, Hans, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Baehr, H., and Braus, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Baehr, H., Wenzel, and Mengdehl, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Balle, G., and Schulz, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Balz, P. and Hloch, assignors.)

I. G. Farbenindustrie Aktiengesellschaft. (See Bauer, Rudolf, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Baumann, P., Krapp, Schilling, and Stadler, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Baumann, W., and Hemmann, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Beck, A., and Bohner, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Beck, C., and Kremp, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Becker, W., Bayer, and Harz, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Becker, W., and Koch, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Bencker, Franz, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Berndt, W., and Wulff, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Billig, Kurt, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Brill, R., and Schoenemann, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Brodersen, K., and Quaedvlieg, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Brunner, Arnold, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Christ, Bruno, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Dachlauer, K., and Schnitzler, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Daimler, K., and Platz, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Daimler, K., Paquin, and Riedelsberger, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Dannenberg, H., and Saffert, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Dehnert, Heinrich, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Dierichs, Alfred, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Drucker, Julius, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Duftschmid, F., Linckh, and Winkler, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Eckell, J., and Ritter, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Eggert, J., and Heymer, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Eggert, J., and Küster, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Eggert, J., and Wendt, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Eisenhut, O., Rein, and Widmann, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Eishenhut, O., Rein, and Kaupp, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Esselmann, Paul, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Esselmann, P., Kösslinger, and Saffert, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Fikentscher, H., and Franke, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Fikentacher, H., and Hagen, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Fingado, R., and Herthlein, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Fitzky, Wilhelm, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Flemming, W., Dachlauer, and Schnitzler, assignors.)
I. G. Farbenindustrie Aktiengesellschaft, et al. (See Frank, K., and Osterloh, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Frick, Friedrich, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Gericke, P. H., v. Baumbach, and Berndt, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Giller, F., and Winkler, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Grimm, H. G., and Schamberger, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Guenther, F., Haussman, and Alt, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Guenther, F., and Saftien, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Guthke, Friedrich-Wilhelm, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Guthke, Friedrich W., assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Haag, W., Hofmann, and Zorn, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Haeuber, H., and Hirschbeck, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Haeuber, H., and Winkler, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Hagedorn, Max, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Hagen, H., Dennstedt, and Becker, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Haltmeier, Alfred, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Hamann, Karl, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Hamprecht, G., and Pauckner, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Haussmann, H., Scheufler, and Kaupp, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Havemann, H., and Smeykal, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Heisel, P., and Hendschel, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Hennig, Bruno, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Heuer, Werner, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Hodler, Adolf, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Hofmann, G., Haag, and Zorn, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Holler, Hermann, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Holler, H., and Mues, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Holsten, Hermann, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Hopff, H., Kellermann, and Freytag, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Hopff, H., and Steinbrunn, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Hubert, F. E., Heisenberg, Steindorff, and Orthner, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Huehn, Werner, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Huismann, Johann, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Jaeger, Karl, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Jaeger, M., and Besemann, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Jähne, Friedrich, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Jung, Karl, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Keunecke, E., and Muench, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Keunecke, E., and Werner, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Keyssner, Ernst, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Kiesskalt, S., and Mejer, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Kiesskalt, Siegfried, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Kiesskalt, S., Tampke, Winnacker, and Weingaertner, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Kiesskalt, Siegfried, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Klein, H., Haubach, and Hofeditz, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Klein, Hans, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Kleine, J., and Brennecke, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Koch, E., Schulz, and Eckelmann, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Koch, E., Thomsen, and Dachlauer, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Koch, Wilhelm, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Korinth, E., and Meder, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Korte, Helmuth, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Kränzlein, G., Bestian, and Schnurr, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Kränzlein, Georg, assignor.)
I. G. Farbenindustrie Aktiengesellschaft et al. (See Kuss, Ernst, assignor.)
I. G. Farbenindustrie Aktiengesellschaft et al. (See Kuss, E., Horalek, and Emert, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Lange, H., and Dorrer, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Lange, H., and Horn, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Leuchs, Otto, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Leupold, E. O., and Vollmann, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Lieseberg, Friedrich, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Lieseberg, F., and Wietzel, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Lohmann, Karl, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Maier, Walter, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Mauthe, G., and Noerr, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Menger, Adolf, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Messner, Georg, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Metzger, K., and Andrussow, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Metzger, L. W., and Bayer, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Meyer, Georg, assignor.)

I. G. Farbenindustrie Aktiengesellschaft. (See Meyer, Oskar, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Michael, W., and Jaeckh, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Michael, Wilhelm, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Michel, Josef M., assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Michel, Richard, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Moeller, August, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Mueller-Cunradi, M., and Daniel, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Mueller-Cunradi, M., and Krekeler, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Mueller-Cunradi, M., Otto, Daniel, and Werner, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Mueller-Cunradi, M., and Pieroh, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Mueller-Cunradi, M., and Uloth, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Müller, Theodor, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Müller, T., and Roelig, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Nicodemus, O., Lange, and Horn, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Nicodemus, O., and Wulff, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Noerr, H., and Mauthe, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Nuesslein, J., von Finck, and Stärk, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Orthner, L., and Selle, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Otto, M., assignor, and Schneider.)
I. G. Farbenindustrie Aktiengesellschaft. (See Pattock, K., and Wassenegger, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Petersen, Karl W., assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Pfleiderer, Georg, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Pier, Mathias, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., and Christmann, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Pier, M., Michael, and Jaeckh, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Pieroh, Kurt, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Pinkernelle, Walter, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Rein, Herbert, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Reppe, W., and Hecht, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Reppe, W., Keyssner, and Nicolai, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Reppe, W., and Nicolai, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Riedl, H-J., and Pfleiderer, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Rothweiler, Friedrich, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Schamberger, Friedrich, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Scherer, Otto, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Schierenbeck, Julius, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Schlack, Paul, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Schlecht, L., and Schubardt, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Schmidt, Willi, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Schmidt, W., and Huttner, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Schmidt, W., Thewalt, and Rothhaas, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Schneider, Johann, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Schneider, K., and Schunck, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Schoeller, C., and Nuesslein, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Schröter, R., and Becker, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Schuette, Herman, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Schuette, H., and Wittwer, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Siedler, P., Kayser, Korte, and Waibel, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Siefert, Fritz, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Stadler, R., Ackermann, and Lehrer, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Stadler, R., and Haberl, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Starck, W., and Freudenberger, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Stärk, Hermann, assignor.)
I. G. Farbeindustrie Aktiengesellschaft. (See Steindorff, A., Balle, Heimke, and Horst, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Steindorff, A., Balle, Horst, and Schild, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Stern, G., and Friedrichsen, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Stiasny, Edmund, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Stoewener, Fritz, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Strauch, Hugo, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Sütterlin, W., and Wassenegger, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Tietz, Hans, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Ufer, Hanns, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., Baehr, and Wenzel, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., Fick, Baehr, and Wenzel, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., and Harz, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, Heinrich, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., and Koerding, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., and Ploetz, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Ulrich, H., Ploetz, and Bögemann, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Vollmann, H., and Schacke, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See von Recklinghause, H., and Saffert, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See von Zeppelin, Helmut, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Voss, A., and Staerk, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Waldmann, E., and Chwala, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Wick, Georg, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Wilmanns, Gustav, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Wolf, K., and Scheuermann, assignors.)
I. G. Farkenindustrie Aktiengesellschaft. (See Wolff, W., and Vierling, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Zetzsche, W., Giesen, and von Pongratz, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Zetzsche, W., Stix, Faber, and Schürman, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Zimmerman, M., and Funke, assignors.)
I. G. Farbenindustrie Aktiengesellschaft. (See Zirngibl, Hans, assignor.)
I. G. Farbenindustrie Aktiengesellschaft. (See Zirngibl, H., and Griessbach, assignors.)
I. S. M. Limited. (See Sandor, Nicholas and F. E. L., assignors.)
I-T-E Circuit Breaker Company. (See Scott, William M., Jr., assignor.)
Iams, Harley A., East Orange, N. J., assignor to Radio Corporation of America. Cathode ray apparatus. 2,146,017; Feb. 7.
Iams, Harley A., Berkeley Heights, N. J., assignor, by mesne assignments, to Radio Corporation of America. Television transmitting apparatus. 2,156,392; May 2.
Iams, Harley A., Berkeley Heights, N. J., assignor to Westinghouse Electric & Manufacturing Company. Photoelectric cell oscillation circuit. 2,157,824; May 9.
Iams, Harley A., Berkeley Heights, N. J., assignor by mesne assignments, to Radio Corporation of America, New York, N. Y. Electrode arrangement for cathode ray tubes. 2,160,021; May 30.
Iams, Harley A., Berkeley Heights, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Photovoltaic target. 2,175,691; Oct. 10.
Iams, Harley A., Berkeley Heights, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Television transmitting tube. 2,175,692; Oct. 10.
Iams, Harley A., Berkeley Heights, N. J., assignor to Radio Corporation of America. Television system. 2,177,366; Oct. 24.
Iapicca, Tancredi. (See Mucci, J. B., Sico, and Iapicca.)
Iavelli, Teno. (See Dunn, W. T., and Iavelli.)
Iavelli, Teno. (See Neracher, C. A., and Iavelli.)
Iavelli, Teno. (See Neracher, C. A., Iavelli, and Syrovy.)
Iavelli, Teno, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,177,889; Oct. 31.
Ibach, Gerald A. (See Farrell, J. L., and Ibach.)
Ibañez, Francisco R., Mexico, D. F., Mexico. Articulated mechanism for the transmission of movement. 2,159,896; May 23.
Ibold, Michael, Incorporated. (See Ibold, W. E., and Fornefeld, assignors.)

Ibold, Walter E., and J. R. Fornefeld, assignors to Michael Ibold Incorporated, Cincinnati, Ohio. Cigar perforator. 2,149,346; Mar. 7.
Ice Cooling Appliance Corporation. (See Swanson, Wilburn H., assignor.)
Ice, James N., assignor to P. H. Michel, Wheeling, W. Va. Self-threading coupling unit. 2,152,962; Apr. 4.
Ichthyol Co., The. (See Wernicke, Erich A., assignor.)
Ickes-Braun Mill Company. (See Gast, Ernst, assignor.)
Idaho Maryland Mines Corporation. (See Newsom, John B., assignor.)
Iddings, Carl, Staten Island, N. Y., assignor to The Muralo Company, Inc. Stable casein solution. 2,154,400; Apr. 11.
Iddings, Carl, Staten Island, N. Y., assignor to The Muralo Company, Inc. Water paste paint. 2,154,401; Apr. 11.
Iddings, Roscoe C., and H. G. Williams, assignors to The Fyr-Fyter Company, Dayton, Ohio. Fire extinguisher. 2,175,120; Oct. 3.
Iddink, Johannes. (See Kuiper, Cornelis, assignor.)
Ideal Cement Company. (See Tangdall, Alfred, assignor.)
Ideal Dairy Dispenser Company. (See Warner, R. W., Woodruff, and Smalley, assignors.)
Ideal Electric and Manufacturing Company, The. (See Milliken, Frank H., assignor.)
Ideal Fastener Corporation. (See Behrens, Walter A.)
Ideal Fastener Corporation. (See Behrens, Walter A., assignor.)
Ideal Fastener Corporation. (See Gross, Joseph M., assignor.)
Ideal Fastener Corporation. (See Lawson, Birdsall P., assignor.)
Ideal Roller & Manufacturing Company. (See Davis, Arthur B., assignor.)
Ideal Roller & Manufacturing Company. (See Lambert, Harry E., assignor.)
Ideal Roller & Manufacturing Company. (See Lippincott, W. A., and Hubbard, assignors.)
Iden, Christian, Houston, Tex. Formation tester. 2,171,000; Aug. 29.
Iden, Fred B., Cleveland Heights, Ohio., assignor to General Electric Company. Filament coiling machine. 2,179,296; Nov. 7.
Idzal, Milton M., Sioux City, Iowa. Stereoscopic picture. Re. 21,082; May 16.
Ifield, Richard J., Solihull, Birmingham, England. Automatically reversible freewheel or one-way locking device. 2,169,645; Aug. 15.
Igarashi, Isamu, and G. Kitahara, Fuse, assignors to Sumitomo Kinzoku-Kogyo Kabushiki Kaisha, Osaka, Japan. Aluminum alloys. 2,166,495; July 18.
Igarashi, Isamu, and G. Kitahara, Fuse, assignors to Sumitomo Kinzoku-Kogyo Kabushiki Kaisha, Osaka, Japan. Aluminum alloys. 2,166,496; July 18.
Iglauer, Samuel, Cincinnati, Ohio. Protective device for baseball players or the like. 2,143,483; Jan. 10.
Iglehart, Carroll M., Burtonsville, Md. End gate. 2,184,597; Dec. 26.
Igoe Brothers, Inc. (See Tubbs, Earl D., assignor.)
Ihagee Kamerawerk Steenbergen & Co. (See Nuchterlein, Karl, assignor.)
Ihrig, Harry K., assignor to Globe Steel Tubes Co., Milwaukee, Wis. Impregnation of metals with silicon. 2,142,941; Jan. 3.
Ihrig, Harry K., assignor to Globe Steel Tubes Co., Milwaukee, Wis. Impregnation of metals with silicon. 2,157,902; May 9.
Ihrig, Harry K., assignor to Globe Steel Tubes Co., Milwaukee, Wis. Making hot molding die plates and other castings and product thereof. 2,163,753; June 27.
Ilberg, Waldemar. (See Gerhard, E., and Ilberg.)
Ilberg, Waldemar. (See Schmid, K., Ilberg, and Runge.)
Ilberg, Waldemar, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Modulation system for magnetron oscillators. 2,142,192; Jan. 3.
Ilberg, Waldemar, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Ultra short wave system. 2,156,653; May 2.
Ilex Optical Company. (See Brueck, Theodore M., assignor.)
Ilford Limited. (See Barent, M., and Kendall, assignors.)
Ilford Limited. (See Bloch, Olaf F., assignor.)
Ilford Limited. (See Harrison, Geoffrey B., assignor.)
Ilford Limited. (See Kendall, John D., assignor.)
Ilg Electric Ventilating Company. (See Pfautsch, Raymond V., assignor.)
Ilg Electric Ventilating Co. (See Sutcliffe, Arthur G., assignor.)
Ilg, William J., Lakewood, Ohio. Container. 2,151,702; Mar. 28.
Iller, Alfred J., assignor of one-half to H. G. Holder, La Jolla, Calif. Steering wheel protector. 2,172,584; Sept. 12.
Iller, Alfred J., assignor of one-half to H. G. Holder, La Jolla, Calif. Steering wheel protector. 2,172,585; Sept. 12.
Illig, Edward A., assignor of one-half to L. Burg, Erie, Pa. Clothes drier. 2,166,592; July 18.
Illinois Clay Products Company, The. (See Jones, O. L., and Essex, assignors.)
Illinois Clay Products Company, The. (See Nichols, Arthur S., assignor.)

Illinois Engineering Company, The. (See Leutwiler, R. W., and Eichholz, assignors.)
Illinois Pipe Line Company, The. (See Slough, Ralph M., assignor.)
Illinois Powder Manufacturing Co. (See Manning, Bruce W., assignor.)
Illinois Railway Equipment Company. (See Harbert, Victor H., assignor.)
Illinois Railway Equipment Company. (See Johnson, Malcolm S., assignor.)
Illinois Testing Laboratories, Inc. (See Boyle, John R., assignor.)
Illinois Testing Laboratories, Inc. (See Breitenstein, Victor W., assignor.)
Illinois Tool Works. (See Hanneman, Walter M., assignor.)
Illinois Tool Works. (See Hosking, Richard T., assignor.)
Illinois Tool Works. (See Jacobson, Gunnard W., assignor.)
Illinois Tool Works. (See Olson, Carl G., assignor.)
Illinois Watch Case Company. (See Hannings, Charles J., assignor.)
Illinois Watch Case Company. (See Osborne, Harry J., assignor.)
Illinois Watch Case Company. (See Wewetzer, Albert, assignor.)
Illinois Watch Case Company. (See Wewetzer, A., and Anderson, assignors.)
Illinois Watch Case Company. (See Ziehm, Kurt F., Jr., assignor.)
Illmer, Louis, Cortland, N. Y. Spent razor blade holder. 2,148,989; Feb. 28.
Illsche, Arthur, Rye, N. Y. Beating and mixing device. 2,162,017; June 13.
Illsche, Arthur, Rye, N. Y., assignor to Ardon Co., Inc., Wilmington, Del. Button fastener. Re. 21,304; Dec. 19.
Illy, Francesco, Triest, Italy. Apparatus for the preparation of coffee infusions. 2,152,410; Mar. 28.
Imbault, Georges, Paris, France. Fixing fastening pieces to metallic cables. 2,177,567; Oct. 24.
Imblum, Leo, San Diego, Calif. Chuck. 2,143,010; Jan. 10.
Imboden, George J., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Indirectly heated cathode. 2,145,833; Jan. 31.
Imboden, George J., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Electron discharge tube. 2,170,410; Aug. 22.
Imhoff, Karl, Essen, Germany. Aerating tank. 2,180,148; Nov. 14.
Imlay, Robert. (See Weaver, E. A., and Imlay.)
Imm, Lewis W., Inglewood, Calif. Balance computer. 2,179,822; Nov. 14.
Immel, Earl O. (See Fellows, R. S., and Immel.)
Imperial Brass Manufacturing Company, The. (See Beehler, V. D., and McIntosh, assignors.)
Imperial Brass Manufacturing Company, The. (See Blackwood, George E., Jr., assignor.)
Imperial Brass Manufacturing Company, The. (See Haury, George W., assignor.)
Imperial Brass Manufacturing Company, The. (See Lang, Frank M., assignor.)
Imperial Brass Manufacturing Company, The. (See McIntosh, Robert D., assignor.)
Imperial Brass Manufacturing Company, The. (See Neukirch, Frank, assignor.)
Imperial Brass Manufacturing Company, The. (See Shanley, William C., assignor.)
Imperial Chemical Industries Limited. (See Baird, W., and Jones, assignors.)
Imperial Chemical Industries Limited. (See Baldwin, A. W., and Piggott, assignors.)
Imperial Chemical Industries Limited. (See Baldwin, A. W., and Walker, assignors.)
Imperial Chemical Industries Limited. (See Burrage, Leslie J., assignor.)
Imperial Chemical Industries Limited. (See Callender, A., and Stevenson, assignors.)
Imperial Chemical Industries Limited. (See Clark, A. M., Batten, and Harrison, assignors.)
Imperial Chemical Industries Limited. (See Cliffe, Wilfrid H., assignor.)
Imperial Chemical Industries Limited. (See Crawford, John W. C., assignor.)
Imperial Chemical Industries Limited. (See Coulthard, Albert, assignor.)
Imperial Chemical Industries Limited. (See Davies, J. S. H., and Jones, assignors.)
Imperial Chemical Industries Limited. (See Davies, J. S. H., Wyler, Barrett, and Linstead, assignors.)
Imperial Chemical Industries Limited. (See Dent, Charles E., assignor.)
Imperial Chemical Industries Limited. (See Douglas, A. H., and Lefebure, assignors.)
Imperial Chemical Industries Limited. (See Dunbar, Charles, assignor.)
Imperial Chemical Industries Limited. (See Fawcett, Erie W., assignor.)
Imperial Chemical Industries Limited. (See Fawcett, E. W., Gibson, and Perrin, assignors.)
Imperial Chemical Industries Limited. (See Fleming, J. S. B., and Payn, assignors.)
Imperial Chemical Industries Limited. (See Freer, R. McD., and Morris, assignors.)

Imperial Chemical Industries Limited. (See Glass, John V. S., assignor.)
Imperial Chemical Industries Limited. (See Goodall, A. W., and Walters, assignors.)
Imperial Chemical Industries Limited. (See Habgood, B. J., Hill, and Morgan, assignors.)
Imperial Chemical Industries Limited. (See Habgood, B. J., and Morgan, assignors.)
Imperial Chemical Industries Limited. (See Haddock, N. H., and Lumsden, assignors.)
Imperial Chemical Industries Limited. (See Hampton, H. A., Hill, and Robinson, assignors.)
Imperial Chemical Industries Limited. (See Hardacre, R. W., Holden, and Shaw, assignors.)
Imperial Chemical Industries Limited. (See Harrison, A. A., and Samuels, assignors.)
Imperial Chemical Industries Limited. (See Haupt, Albertus H., assignors.)
Imperial Chemical Industries Limited. (See Heilbron, I. M., Irving, and Linstead, assignors.)
Imperial Chemical Industries Limited. (See Heslop, R. N., and Tatum, assignors.)
Imperial Chemical Industries Limited. (See Holm, John M., assignor.)
Imperial Chemical Industries, Limited. (See Jones, M., Smith, and Stewart, assignors.)
Imperial Chemical Industries Limited. (See Knight, Arthur H., assignor.)
Imperial Chemical Industries Limited. (See Knight, A. H., and Lodge, assignors.)
Imperial Chemical Industries Limited. (See Lawrie, L. G., Reynolds, and Walker, assignors.)
Imperial Chemical Industries Limited. (See Lowe, Arthur R., assignor.)
Imperial Chemical Industries Limited. (See Mendoza, Mordecai, assignor.)
Imperial Chemical Industries Limited. (See Mendoza, M., and White, assignors.)
Imperial Chemical Industries Limited. (See Moore, J. G., and Dod, assignors.)
Imperial Chemical Industries Limited. (See Nonhebel, G., and Pearson, assignors.)
Imperial Chemical Industries Limited. (See Peacock, Roger B., assignor.)
Imperial Chemical Industries Limited. (See Pearson, John L., assignor.)
Imperial Chemical Industries Limited. (See Piggott, Henry A., assignor.)
Imperial Chemical Industries Limited. (See Piggott, H. A., and Statham, assignors.)
Imperial Chemical Industries Limited. (See Rayner, John W. R., assignor.)
Imperial Chemical Industries Limited. (See Ritchie, P. D., Jones, and Burns, assignors.)
Imperial Chemical Industries Limited (See Rubenstein, Leon, assignor.)
Imperial Chemical Industries Limited. (See Rubenstein, L., and Taylor, assignors.)
Imperial Chemical Industries Limited. (See Semple, G. C., and Shaw, assignors.)
Imperial Chemical Industries Limited. (See Sexton, Wilfred A., assignor.)
Imperial Chemical Industries Limited. (See Smith, Walter F., assignor.)
Imperial Chemical Industries Limited. (See Tatum, William W., assignor.)
Imperial Chemical Industries Limited. (See Taylor, James, assignor.)
Imperial Chemical Industries Limited. (See Taylor, W., and Hall, assignors.)
Imperial Chemical Industries Limited. (See Tyre, Alexander T., assignor.)
Imperial Paper and Color Corporation. (See Van Wirt, A. E., Aylies, and Jones, assignors.)
Imperial Chemical Industries Limited. (See Waterman, H. I., and van Vlodrop, assignors.)
Imperial Chemical Industries Limited. (See Waterman, H. I., van Vlodrop, and van Dijk, assignors.)
Imperial Chemical Industries Limited. (See White, Albert G., assignor.)
Imperial Chemical Industries Limited. (See Worrall, Gladstone W., assignor.)
Imperial Industries Limited. (See Burchill, J., Piggott, and White, assignors.)
Imperial Knife Co. (See Mirando, F. A., and Vossler, assignors.)
Imperial Tobacco Company (of Great Britain & Ireland) Limited, The. (See Kersey, Lemuel R., assignor.)
Impervious Varnish Company. (See Snelling, Robert J., assignor.)
Impress Company, The. (See Niles, Irving F., assignor.)
Imray, Howard H., Jr., Kingsport, Tenn., and E. A. Robinson, Elizabeth, assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Lubrication of artificial silk. 2,161,354; June 6.
Imsick, Frank J., Ewing, Nebr. Lister plow. 2,167,210; July 25.
Imus, Clifford L., San Francisco, Calif. Refrigeration apparatus. 2,174,584; Oct. 3.
Inabnit, Wade P., Wilsall, Mont. Calf weaner. 2,145,983; Feb. 7.
Indemse Corporation, The. (See Chambers, Edward G., assignor.)
Independent Lock Company. (See Gutman, Louis, assignor.)
Independent Pneumatic Tool Co. (See Forss, Frithiof P., assignor.)
Independent Pneumatic Tool Co. (See Forss, Fritz V., assignor.)
Independent Pneumatic Tool Co. (See Kuehne, Herman H., assignor.)
Independent Pneumatic Tool Co. (See Nash, William W., assignor.)
Independent Pneumatic Tool Co. (See Schindel, John, assignor.)
Indermuhle, Sam. (See Hawkins, E. V., and Indermuhle.)
Indge, Herbert S. (See Hulbert, G. E., and Indge.)
Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Cam-lapping machine. 2,162,662; June 13.
Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Crankshaft lapping machine. 2,166,009; July 11.
Indge, Herbert S., Westboro, assignor to Norton Company, Worcester, Mass. Method and apparatus for lapping bores. 2,178,448; Oct. 31.
Indge, Herbert S., Westboro, and A. G. Belden, assignors to Norton Company, Worcester, Mass. Lapping device, apparatus and method. 2,153,521; Apr. 4.
India Rubber, Gutta Percha and Telegraph Works Company Limited, The. (See Tarris, Frederick J., assignor.)
Indian Refining Company. (See Govers, Francis X., assignor.)
Indiana Canning Machinery Company. (See Lindley, Stacey B., assignor.)
Indiana Condensed Milk Company. (See Kennedy, Alex R., assignor.)
Indiana Fibre Products Company. (See Richards, J. B., and Van Winkle, assignors.)
Indiana Fibre Products Company. (See Richards, Ralph N., assignor.)
Indicator Corporation. (See Schiller, Frederick A., assignor.)
Industrial Clutch Company. (See Eason, Clarence M., assignor.)
Industrial Clutch Company. (See Fawick, Thomas L., assignor.)
Industrial Development and Manufacturing Corporation. (See Thomes, F. E., and Nugent, assignors.)
Industrial Development & Research Laboratory, Inc. (See Lewit, Carl J., assignor.)
Industrial Gloves Corporation. (See Jensen, Karl E., assignor.)
Industrial Patents Corporation. (See Burnett, Alexander, assignor.)
Industrial Patents Corporation. (See Bursick, Edward R., assignor.)
Industrial Patents Corporation. (See Cadwell, Leon L., assignor.)
Industrial Patents Corporation. (See Chapman, Thomas J. C., assignor.)
Industrial Patents Corporation. (See Cook, Leo J., assignor.)
Industrial Patents Corporation. (See Davis, Elmer M., assignor.)
Industrial Patents Corporation. (See De Vout, Anson W., assignor.)
Industrial Patents Corporation. (See Dziedzic, Nicholas J., assignor.)
Industrial Patents Corporation. (See Dziedzic, N. J., and Bratek, assignors.)
Industrial Patents Corporation. (See Grettie, Donald P., assignor.)
Industrial Patents Corporation. (See Haase, Heinrich E., assignor.)
Industrial Patents Corporation. (See Hartanov, Andrew S., assignor.)
Industrial Patents Corporation. (See Hartanov, A. S., and Lohner, assignor.)
Industrial Patents Corporation. (See Lohner, Carl L., assignor.)
Industrial Patents Corporation. (See Lohner, C. L., and McKee, assignors.)
Industrial Patents Corporation. (See McKee, Harry H., assignor.)
Industrial Patents Corporation. (See Miller, Nick J., assignor.)
Industrial Patents Corporation. (See Mink, Leon D., assignor.)
Industrial Patents Corporation. (See Mitchell, Harold S., assignor.)
Industrial Patents Corporation. (See Nelson, R. C., and De Beukelaer, assignors.)
Industrial Patents Corporaton. (See Nevin, Harry W., assignor.)
Industrial Patents Corporation. (See Newton, R. C., and Mink, assignors.)
Industrial Patents Corporation. (See Paddock, Levi S., assignor.)
Industrial Patents Corporation. (See Parsons, Clinton H., assignor.)
Industrial Patents Corporation. (See Reece, Harry A., assignor.)
Industrial Patents Corporation. (See Sadoff, Bernard J., assignor.)
Industrial Patents Corporation. (See Standlee, Alonzo, assignor.)

Industrial Patents Corporation. (See Straeten, Charles L., assignor.)
Industrial Patents Corporation. (See Terry, George, assignor.)
Industrial Patents Corporation. (See Urbain, Walter M., assignor.)
Industrial Patents Corporation. (See Urbain, W. M., and Jensen, assignors.)
Industrial Patents Corporation. (See Walter, Charles T., assignor.)
Industrial Patents Corporation. (See Wickliffe, John K.)
Industrial Patents Corporation. (See Williams, B. E., and Hartanov, assignors.)
Industrial Patents Corporation. (See Wright, David M., assignor.)
Industrial Patents, Ltd. (See Herbsman, Abraham M., assignor.)
Industrial Process Corporation. (See Minor, Henry R., assignor.)
Industrial Rayon Corporation. (See Fryer, Louis S., assignor.)
Industrial Rayon Corporation. (See Helm, Emerson B., assignor.)
Industrial Rayon Corporation. (See Hillix, Foster F., assignor.)
Industrial Rayon Corporation. (See Jordan, L. J., and Knebusch, assignors.)
Industrial Rayon Corporation. (See Jordan, L. J., and Walters, assignors.)
Industrial Rayon Corporation. (See Kline, Hayden B., assignor.)
Industrial Rayon Corporation. (See Kline, H. B., and Burkholder, assignors.)
Industrial Rayon Corporation. (See Kline, H. B., and Helm, assignors.)
Industrial Rayon Corporation. (See Kline, H. B., Knebusch, and Burkholder, assignors.)
Industrial Rayon Corporation. (See Knebusch, W. F., and Burkholder, assignors.)
Industrial Rayon Corporation. (See Knebusch, W. F., and Hillix, assignors.)
Industrial Rayon Corporation. (See Lovett, Louis E., assignor.)
Industrial Rayon Corporation. (See Samerdyke, Fred J., assignor.)
Industrial Rayon Corporation. (See Walters, Clarence C., assignor.)
Industrial Research Laboratories, Ltd. (See Hahn, Otto W., assignor.)
Industrial Washing Machine Corporation. (See Ball, Harold H., assignor.)
Infants Socks, Inc. (See Longtin, W. J., and Saussaman, assignors.)
Infilco Inc. (See Hughes, Walter J., assignor.)
Ingalls, Henry A., assignor to Helen Ingalls Crowder (sometimes known as Helen Elaine Crowder), Bakersfield, Calif. Road construction. Re. 21,262; Nov. 14.
Ingalls, William, Bedford, Ind. Drain trap. 2,153,373; Apr. 4.
Ingalls, Willis A., assignor to Tompkins Bros. Co., Syracuse, N. Y. Brake means for yarns. 2,180,241; Nov. 14.
Inge, Melvin C., Brea, Calif. Blow-out preventer. 2,162,018; June 13.
Ingenium Aktiengesellschaft. (See Reiter, Bruno, assignor.)
Ingersoll Milling Machine Company. (See Johnson, John R., assignor.)
Ingersoll Milling Machine Company, The. (See Kampmeier, Frederick J., assignor.)
Ingersoll Milling Machine Company, The. (See Kraus, Charles E., assignor.)
Ingersoll Milling Machine Company, The. (See Malone, Frank J., assignor.)
Ingersoll Milling Machine Company, The. (See Oberhoffken, Alexander, assignor.)
Ingersoll Milling Machine Company, The. (See Ridgway, William F., assignor.)
Ingersoll Milling Machine Company, The. (See Rougemont, Rene L., assignor.)
Ingersoll Milling Machine Company, The. (See Strawn, Marion L., assignor.)
Ingersoll Milling Machine Company, The. (See Strawn, M. L., and Oberhoffken, assignors.)
Ingersoll Milling Machine Company, The. (See Weddell, R. R., and Kaiser, assignors.)
Ingersoll-Rand Company. (See Baker, Charles S., assignor.)
Ingersoll-Rand Company. (See Bancel, Paul A., assignor.)
Ingersoll-Rand Company. (See Carpenter, Allan O., assignor.)
Ingersoll-Rand Company. (See Dickenson, Ernest H., assignor.)
Ingersoll-Rand Company. (See Hart, Dudley W., assignor.)
Ingersoll-Rand Company. (See Hart, D. W., and Behney, assignors.)
Ingersoll-Rand Company. (See Hart, D. W., and Wickens, assignors.)
Ingersoll-Rand Company. (See Hibberd, Frederick H., assignor.)
Ingersoll-Rand Company. (See Hornschuch, Hanns, assignor.)
Ingersoll-Rand Company. (See Hulshizer, Joseph I., assignor.)
Ingersoll-Rand Company. (See Jimerson, Francis A., assignor.)
Ingersoll-Rand Company. (See Jimerson, F. A., and Reynolds, assignors.)
Ingersoll-Rand Company. (See Karr, Alfred D., assignor.)
Ingersoll-Rand Company. (See Kellegrew, Richard D., assignor.)
Ingersoll-Rand Company. (See Kirgan, John, assignor.)
Ingersoll-Rand Company. (See Kirgan, J., MacLean, and Woodard, assignors.)
Ingersoll-Rand Company. (See MacLean, John A., assignor.)
Ingersoll-Rand Company. (See Metzgar, Chester W., assignor.)
Ingersoll-Rand Company. (See Mock, John F., assignor.)
Ingersoll-Rand Company. (See Morris, William C., assignor.)
Ingersoll-Rand Company. (See Morrison, William A., assignor.)
Ingersoll-Rand Company. (See Shepherd, Benjamin F., assignor.)
Ingersoll-Rand Company. (See Slater, Fred M., assignor.)
Ingersoll-Rand Company. (See Smith, H. A., and Kirgan, assignors.)
Ingersoll-Rand Company. (See Smith, William A., Sr., assignor.)
Ingersoll-Rand Company. (See Terry, Edward F., assignor.)
Ingersoll-Rand Company. (See Woodward, George H., assignor.)
Ingersoll, Roy C., Oak Park, assignor to Borg-Warner Corporation, Chicago, Ill. Forming metal parts. 2,164,523; July 4.
Ingham, John F., Old Greenwich, Conn. Flue radiator. 2,175,564; Oct. 10.
Ingham, William I. (See Draving, A. M., and Ingham.)
Ingildsen, Sven, assignor of one-half to O. L. Smith, Detroit, Mich. Land vehicle. 2,144,112; Jan. 17.
Ingildsen, Sven, assignor of one-half to O. L. Smith, Detroit, Mich. Automobile radiator construction. 2,146,120; Feb. 7.
Ingle, Tom P., et al. (See Baker, Harvie E., assignor.)
Ingleman, William F., La Fayette, Ind. Machine for sharpening lawn mowers. 2,149,774; Mar. 7.
Inglis, John, assignor to Clyde Paper Company, Limited, Rutherglen, and Drysdale & Company, Limited, Glasgow, Scotland. Centrifugal pump unit. 2,178,994; Nov. 7.
Ingouf, Robert J. A. (See Blaisdell, S. B., and Ingouf.)
Ingouf, Robert J. A., Kingsport, Tenn., assignor to Fidelity Machine Company, Wilmington, Del. Wire mesh fabric for wire glass. 2,170,719; Aug. 22.
Ingraham, Charles C., Minneapolis, Minn., assignor to Hart-Carter Company, Peoria, Ill. Grain separator. 2,181,431; Nov. 28.
Ingraham, E., Company, The. (See Poole, Arthur B., assignor.)
Ingraham, Joseph H., Wayne, Pa. Agitator. 2,146,372; Feb. 7.
Ingram, Arthur B., Azusa, Calif. Agricultural implement. 2,151,918; Mar. 28.
Ingram, Edgar W., and L. W. Ray, assignors to White Castle System, Inc., Columbus, Ohio. Metal building structure. 2,169,388; Aug. 15.
Ingram, George V., Oakland, Calif. Table. 2,180,525; Nov. 21.
Ingres, Jack G., Detroit, Mich., assignor to Vaco Products, Inc., Jersey City, N. J. Speed controlled switch. 2,164,991; July 4.
Ingwer, Max, Bronx, and H. Fleisher, Brooklyn, assignors to Consolidated Sewing Machine & Supply Co. Inc., New York, N. Y. Guard for sewing machine stitch regulators. 2,181,828; Nov. 28.
Ingwersen, Christian I., Milwaukee, Wis. Torch compass. 2,170,305; Aug. 22.
Injecta Aktiengesellschaft. (See Vontobel, Jakob, assignor.)
Injection Moulding Corp. (See Berliner, Eleanor S., assignor.)
Injection Moulding Corp. (See Kayn, S. F., and Whyte, assignors.)
Inland Bed Company. (See Erdos, John, assignor.)
Inland Steel Company. (See Castle, Alfred J., assignor.)
Inland Steel Company. (See Harder, Oscar E., assignor.)
Inland Steel Company. (See Sykes, Wilfred, assignor.)
Inland Steel Company. (See Werner, Frank J., assignor.)
Inman, George E., East Cleveland, Ohio, assignor to General Electric Company. Electric discharge lamp. 2,146,579; Feb. 7.
Inman, George E., Cleveland Heights, Ohio, assignor to General Electric Company. Enclosed arc lamp. 2,163,428; June 20.
Inman, George E., East Cleveland, Ohio, assignor to General Electric Company. Method and apparatus for flashing electric discharge devices. 2,178,423; Oct. 31.
Inman, Gilbert H., Taunton, Mass. Apparatus to operate a jack. 2,161,053; June 6.
Inman, William H., assignor to Bloomer Bros. Company, Newark, N. Y. Carton construction. 2,142,131; Jan. 3.
Innes Company. (See Innes, George, assignor.)
Innes, George, Davenport, assignor, by mesne assignments, to Innes Company, Bettendorf, Iowa. Apparatus for baling. Re. 21,132; June 27.

Innes, George, Davenport, assignor to Innes Company, Bettendorf, Iowa. Haymaker mechanism. 2,157,261; May 9.
Innes, Walter P., Jr., Wichita, Kans. Spark plug. Re. 21,294; Dec. 12.
Innis, James S., New York, N. Y. Article holding foldable box. 2,153,538; Apr. 11.
Innis, Robert I., Winthrop, Mass. Wall switch. 2,146,146; Feb. 7.
Innovation Brakes, Inc. (See Shelor, Frederick L., Jr., assignor.)
Insley Manufacturing Corporation. (See Rasmussen, Alvin C., assignor.)
Insley, Birddine T., San Francisco, Calif. Injection rate control for fuel pumps. 2,158,326; May 16.
Insta-Freeze Corporation. (See Lindsey, Ernest E., assignor.)
Institute of Paper Chemistry, The. (See Graff, John H., assignor.)
Institute of Paper Chemistry. (See Kress, O., and Johnson, assignors.)
Institute of Paper Chemistry, The. (See Nolan, Philip, assignor.)
Insulation Development Corporation. (See McIntyre, Brouwer D., assignor.)
Insulite Company, The. (See Ellis, George H., assignor.)
Insulite Company, The. (See Ellis, G. H., and Schlafge, assignors.)
Interchemical Corporation. (See Borger, Carl J., assignor.)
Interchemical Corporation. (See Engle, Loy S., assignor.)
Interchemical Corporaton. (See George, Fred, assignor.)
Interchemical Corporation. (See Gessler, A. E., Guiteras, and Clarkson, assignors.)
Interchemical Corporation. (See Hardy, Arthur C., assignor.)
Interchemical Corporation. (See Jones, W. L., and McLeod.)
Interchemical Corporation. (See MacArthur, Charles J., assignor.)
Interchemical Corporation. (See Rolle, Clifford J., assignor.)
Interchemical Corporation. (See Wurzburg, Francis L., Jr., assignor.)
Interlock Patents Limited. (See Reynolds, W., and Bonser, assignors.)
Intermetal Corporation. (See Booker, J. F., and Annis, assignors.)
Intermetal Corporation. (See Jenness, Leslie G., assignor.)
International Braid Company. (See Dennis, John R., assignor.)
International Business Machines Corporation. (See Brand, Samuel, assignor.)
International Business Machines Corporation. (See Brand, S., and Wheeler, assignors.)
International Business Machines Corporation. (See Bryce, James W., assignor.)
International Business Machines Corporation. (See Bryce, J. W., and Daly, assignors.)
International Business Machines Corporation. (See Bryce, J. W., Daly, and Lowkrantz, assignors.)
International Business Machines Corporation. (See Bryce, J. W., and Dickinson, assignors.)
International Business Machines Corporation. (See Carroll, Fred M., assignor.)
International Business Machines Corporation. (See Carroll, F. M., and Smith, assignors.)
International Business Machines Corporation. (See Corbett, Lawrence B., assignor.)
International Business Machines Corporation. (See Crumrine, Chester W., assignor.)
International Business Machines Corporation. (See Cunningham, James M., assignor.)
International Business Machines Corporation. (See Daly, G. F., and Dickinson, assignors.)
International Business Machines Corporation. (See Daly, G. F., and Lowkrantz, assignors.)
International Business Machines Corporation. (See Dodge, Ronald D., assignor.)
International Business Machines Corporation. (See Doty, Charles R., assignor.)
International Business Machines Corporation. (See Doty, C. R., Schneider, and Holt, assignors.)
International Business Machines Corporation. (See Ecker, William E., assignor.)
International Business Machines Corporation. (See Ehret, Clement, assignor.)
International Business Machines Corporation. (See Fitch, Clyde J., assignor.)
International Business Machines Corporation. (See Fitch, C. J., and Schneider, assignors.)
International Business Machines Corporation. (See Ford, Eugene A., assignor.)
International Business Machines Corporation. (See Fronefield, Louis H., assignor.)
International Business Machines Corporation. (See Fuller, Frederick L., assignor.)
International Business Machines Corporation. (See Fuller, F. L., and Brand, assignors.)
International Business Machines Corporation. (See Fuller, F. L., and Daly, assignors.)
International Business Machines Corporation. (See Ghertman, Goino, assignor.)
International Business Machines Corporation. (See Ghertzmann, Ioyno, assignor.)
International Business Machines Corporation. (See George, Harry O., assignor.)
International Business Machines Corporation. (See Gifford, Emerson W., assignor.)
International Business Machines Corporation. (See Gray, Alvin E., assignor.)
International Business Machines Corporation. (See Hamilton, Francis E., assignor.)
International Business Machines Corporation. (See Harrison, Laurence S., assignor.)
International Business Machines Corporation. (See Herbert, Robert B., assignor.)
International Business Machines Corporation. (See Herman, Louis J., assignor.)
International Business Machines Corporation. (See Hoffman, Morris J., assignor.)
International Business Machines Corporation. (See Johnson, Reynold B., assignor.)
International Business Machines Corporation. (See Juriga, Anton, assignor.)
International Business Machines Corporation. (See Keen, Harold H., assignor.)
International Business Machines Corporation. (See Kimball, Philip W., assignor.)
International Business Machines Corporation. (See Knutson, Irving B., assignor.)
International Business Machines Corporation. (See Kölm, Ulrich, assignor.)
International Business Machines Corporation. (See Lake, Clair D., assignor.)
International Business Machines Corporation. (See Lake, C. D., and Pfaff, assignors.)
International Business Machines Corporation. (See Lang, William, assignor.)
International Business Machines Corporation. (See Lemmon, Walter S., assignor.)
International Business Machines Corporation. (See Lemmon, W. S., Fitch, and Walz, assignors.)
International Business Machines Corporation. (See Livingston, Harry T., assignor.)
International Business Machines Corporation. (See Miles, Joseph W., assignor.)
International Business Machines Corporation. (See Mills, Albert W., assignor.)
International Business Machines Corporation. (See Nichols, Harry J., assignor.)
International Business Machines Corporation. (See Nichols, H. J., and Tholstrup, assignors.)
International Business Machines Corporation. (See Offner, Maximilian, assignor.)
International Business Machines Corporation. (See Page, Ralph E., assignor.)
International Business Machines Corporation. (See Paris, Robert E., assignor.)
International Business Machines Corporation. (See Peirce, John R., assignor.)
International Business Machines Corporation. (See Petz, John L., assignor.)
International Business Machines Corporation. (See Rabenda, Edward J., assignor.)
International Business Machines Corporation. (See Reppert, Richard V., assignor.)
International Business Machines Corporation. (See Rolwey, Russell A., assignor.)
International Business Machines Corporation. (See Schneider, K. R., and Fitch, assignors.)
International Business Machines Corporation. (See Tauschek, Gustav, assignor.)
International Business Machines Corporation. (See Thomas, Felix, assignor.)
International Business Machines Corporation. (See Thorsson, M. T., and Holt, assignors.)
International Business Machines Corporation. (See Torkelson, Torkel E., assignor.)
International Business Machines Corporation. (See Von Pein, Edward J., assignor.)
International Business Machines Corporation. (See Von Pein, E. J., and Schlessiger, assignors.)
International Business Machines Corporation. (See Wallat, Wilhelm, assignor.)
International Business Machines Corporation. (See Warren, Richard, assignor.)
International Business Machines Corporation. (See Watson, Glenn W., assignor.)
International Business Machines Corporation. (See Wilkerson, Victor O., assignor.)
International Business Machines Corporation. (See Wilson, Joseph T., assignor.)
International Business Machines Corporation. (See Wittenmyer, Carlos, assignor.)
International Business Machines Corporation. (See Ziguelde, Georges, assignor.)
International Carbonic Engineering Company. (See Schutz, Adolph, assignor.)
International Carrier-Call and Television Corporation. (See Levy, S. J., and Cassell, assignors.)
International Cellucotton Products Company. (See Glomstead, Edwin E., assignor.)
International Cellucotton Products Company. (See Hagen, Oscar E., assignor.)
International Cellucotton Products Company. (See Newman, Herbert, assignor.)

International Chain & Manufacturing Company. (See Campbell, George J., Jr., assignor.)
International Chromium Process Corporation. (See Reynders, Charlton, assignor.)
International Cigar Machinery Corporation. (See Bronander, Wilhelm B., assignor.)
International Cigar Machinery Company. (See Brophy, William J., assignor.)
International Cigar Machinery Company. (See Burns, Herbert A., assignor.)
International Cigar Machinery Company. (See Clausen, Sigurd, assignor.)
International Cigar Machinery Company. (See Halstead, John F., assignor.)
International Cigar Machinery Company. (See Neumair, Joseph A., assignor.)
International Cigar Machinery Company. (See Rundell, Rupert E., assignor.)
International Cigar Machinery Company. (See Rundell, R. E., and Hagquist, assignors.)
International Cigar Machinery Company. (See Rundell, R. E., and Neumair, assignors.)
International Cigar Machinery Company. (See Wheeler, Henry H., assignor.)
International Cinema Inc. (See Doran, Albert B., assignor.)
International Derrick & Equipment Company. (See Bloss, Richard R., assignor.)
International Detachable Bits & Equipment, Limited. (See Cook, Charles E., assignor.)
International Door Company. (See Hagenbook, Thurloe M., assignor.)
International Engineering Corporation. (See Brace, Kemper P., assignor.)
International Engineering Corporation. (See Brace, K. P., and Kliesrath, assignors.)
International Engineering Corporation. (See Clark, Kendall, assignor.)
International Engineering Corporation. (See Kliesrath, Victor W., assignor.)
International Engineering Corporation. (See Nordgren, Arnold W., assignor.)
International Engineering Corporation. (See Pontius, George W., Jr., assignor.)
International Flare-Signal Company. (See McEntegart, James M., assignor.)
International Harvester Company. (See Acton, Russel D., assignor.)
International Harvester Company. (See Baker, David B., assignor.)
International Harvester Company. (See Baker, D. B., Bechman, and Tomik, assignors.)
International Harvester Company. (See Baker, D. B., Rogers, and Bechman, assignors.)
International Harvester Company. (See Baker, D. B., and Rogers, assignors.)
International Harvester Company. (See Bechman, William O., assignor.)
International Harvester Company. (See Book, Raymond H., assignor.)
International Harvester Company. (See Book, R. H., and Currier, assignors.)
International Harvester Company. (See Crumb, C. F., and Hilblom, assignors.)
International Harvester Company. (See Crumb, C. F., and Mowry, assignors.)
International Harvester Company. (See Cudderback, N. C., and Benjamin, assignors.)
International Harvester Company. (See Dyrr, Jacob V., assignor.)
International Harvester Company. (See Graham, William S., assignor.)
International Harvester Company. (See Graham, W. S., and Hipple, assignors.)
International Harvester Company. (See Hammer, Gustaf, assignor.)
International Harvester Company. (See Johnson, Arnold E. W., assignor.)
International Harvester Company. (See Johnson, A. E. W., and Kaupke, assignors.)
International Harvester Company. (See Johnson, A. E. W., and Kriegbaum, assignors.)
International Harvester Company. (See Johnston, E. A., Baker, and Rogers, assignors.)
International Harvester Company. (See Johnston, E. A., and Engstrom, assignors.)
International Harvester Company. (See Johnston, E. A., Rogers, and Bechman, assignors.)
International Harvester Company. (See Kriegbaum, G. M., and Haas, assignors.)
International Harvester Company. (See Lacey, Sumner E., assignor.)
International Harvester Company. (See Lindgren, Alexus C., assignor.)
International Harvester Company. (See Lindgren, A. C., and Gallagher, assignors.)
International Harvester Company. (See Lindgren, A. C., and Raney, assignors.)
International Harvester Company. (See Lindgren, A. C., and Morkovski, assignors.)
International Harvester Company. (See Lindgren, A. C., and Mott, assignors.)
International Harvester Company. (See Lingren, A. C., and Raney, assignors.)
International Harvester Company. (See Mitchell, Melville J., assignor.)
International Harvester Company. (See Morkoski, James, assignor.)
International Harvester Company. (See Mott, Carl W., assignor.)
International Harvester Company. (See Panzegrau, N. O., and Hoener, assignors.)
International Harvester Company. (See Raney, C. R., MacDonald, and Hilblom, assignors.)
International Harvester Company. (See Reinoehl, H. K., and Renno, assignors.)
International Harvester Company. (See Renno, Donald G., assignor.)
International Harvester Company. (See Scarlett, Arthur A., assignor.)
International Harvester Company. (See Smith, Hiram P., assignor.)
International Harvester Company. (See Smith, Lewis E., assignor.)
International Harvester Company. (See Walker, Earl C., assignor.)
International Harvester Company. (See Wessman, Arnt W., assignor.)
International Harvester Company of Canada Limited. (See Thompson, Frank, assignor.)
International Mailing Tube and Wrapper Company. (See Greve, Herman L., assignor.)
International Manufacturing Company, The. (See Johnson, Roy W., assignor.)
International Metal Industries Limited. (See Brouse, William H. D.)
International Milling Company. (See Cecka, Thomas G., assignor.)
International Milling Company. (See Thompson, Peyton M., assignor.)
International Mutoscope Reel Co. Inc. (See Robin, Jacob I., assignor.)
International Nickel Company. (See Clappier, R. R., and McDowell, assignors.)
International Nickel Company, The. (See Bieber, Clarence G., assignor.)
International Nickel Company, The. (See Eash, J. T., and Wood, assignors.)
International Nickel Company, The. (See Fraser, H. J., Drugan, and McDowell, assignors.)
International Nickel Company, The. (See Harrison, C. F. R., and Wallis, assignors.)
International Nickel Company, The. (See Huston, F. P., and Wesley, assignors.)
International Nickel Company, The. (See Kayes, Augustus E., assignor.)
International Nickel Company, The. (See Pfeil, Leonard B., assignor.)
International Nickel Company, The. (See Robiette, Alfred G. E., assignor.)
International Nickel Company, The. (See Skelton, Edward W., assignor.)
International Nickel Company, The. (See Tietz, Herbert D., assignor.)
International Nickel Company, The. (See Wallis, Albert E., assignor.)
International Nickel Company. (See Welwood, Joseph S., assignor.)
International Nickel Company. (See Wise, E. M., and Gow, assignors.)
International Paper Box Machine Company, The. (See Labombare, Harold S., assignor.)
International Paper Company. (See Charlton, Edgar A., assignor.)
International Paper Company. (See Meendsen, Frederick H., assignor.)
International Paper Company. (See Quinn, Robert G., assignor.)
International Postal Supply Company, The. (See Persson, Ernst, assignor.)
International Precipitation Company. (See Hoss, F. W., and Deutsch, assignors.)
International Projector Corporation. (See Frappier, L. S., and Kindelmann, assignors.)
International Projector Corporation. (See Griffin, H., and Heidegger, assignors.)
International Register Company. (See Thompson, Ernest H., assignor.)
International Register Company. (See Woodward, Arthur H., assignor.)
International Seal and Knot Protector Co., The. (See Keidel, Frank, assignor.)
International Shoe Company. (See Quinn, J. E., and Elliott, assignor.)
International Silver Company. (See Egeberg, B., and Promisel, assignors.)
International Smelting & Refining Company. (See Anderson, G., and Olsen, assignors.)
International Smelting and Refining Company. (See Cooper, J. P., and Light, assignors.)
International Smelting and Refining Company. (See Frick, Frederick F., assignor.)
International Smelting and Refining Company. (See McKenna, William J., assignor.)
International-Stacey Corporation. (See Athy, Clifford R., assignor.)
International-Stacey Corporation. (See Claire, Guy K., assignor.)

International Standard Electric Corporation. (See Brown, Andrew, assignor.)
International Standard Electric Corporation. (See Devaux, L., and Higonnét, assignors.)
International Standard Electric Corporation. (See Clavier, André G., assignor.)
International Standard Electric Corporation. (See Ellison, Leslie J., assignor.)
International Standard Electric Corporation. (See Giroud, Pierre, assignor.)
International Standard Electric Corporation. (See Giroz, Henri E., assignor.)
International Standard Electric Corporation. (See Goodchild, Frank D., assignor.)
International Standard Electric Corporation. (See Griffiths, J. B., and Brown, assignors.)
International Standard Electric Corporation. (See Kolster, F. A., and Byrne, assignors.)
International Standard Electric Corporation. (See Kolster, Frederick A., assignor.)
International Standard Electric Corporation. (See Ono, Mitsuo, assignor.)
International Standard Electric Corporation. (See Perroux, Georges E. M., assignor.)
International Standard Electric Corporation. (See Rabuteau, G., and Chevigny, assignors.)
International Standard Electric Corporation. (See Scaife, Frederick N., assignor.)
International Standard Electric Corporation. (See Scott, T. R., and Pooley, assignors.)
International Standard Electric Corporation. (See Smith, Clyde, assignor.)
International Standard Electric Corporation. (See Stockton, K. E., and Jammer, assignors.)
International Standard Electric Corporation. (See Strong, C. E., and McLean, assignors.)
International Standard Electric Corporation. (See Tahon, Robert G., assignor.)
International Standard Electric Corporation. (See Warren, William H., assignor.)
International Standard Electric Corporation. (See Webb, John K., assignor.)
International Steel Wool Corporation. (See Stybr, Miles A., assignor.)
International Supply Company. (See Sloan, James W., assignor.)
International Supply Company. (See Wrigley, James B., assignor.)
International Titanium Limited. (See Fahrenwald, F. A., Parkinson, and Barnes, assignors.)
International Vibration Company, The. (See Day, William P., assignor.)
Interstate Bakeries Corporation. (See Weltmer, Tracey C., assignor.)
Interstate Metal Products Company. (See Golden, Albert, assignor.)
Interstate Metal Products Co. (See Skobel, Louis W., assignor.)
Intertype Corporation. (See Bieber, Lynn W., assignor.)
Intertype Corporaion. (See Freund, Herman R., assignor.)
Intertype Corporation. (See Goodbody, Edmund M., assignor.)
Intertype Corporation. (See Hutchinson, Richard E., assignor.)
Intertype Corporation. (See Sperry, Arthur G., assignor.)
Intertype Corporation. (See Willis, Le Roy W., assignor.)
Interwoven Stocking Company. (See Getaz, James L., assignor.)
Interwoven Stocking Company. (See Mettler, John W., assignor.)
Interwoven Stocking Company. (See Miller, J. H., and Evans, assignors.)
Interwoven Stocking Company. (See Miller, J. H., Thurston, and Poole, assignors.)
Invex Corporation. (See Craig, Palmer H., assignor.)
Inviz-a-Grip Company. (See Holthaus, Eugene F., assignor.)
Ioannu, John P., Philadelphia, Pa. Treating fruit. 2,182,965; Dec. 12.
Iobbi, Alfred, Philadelphia, Pa. Floor sanding machine. 2,154,620; Apr. 18.
Ionesco, Jean, Paris, France. Phonogram and means for moving same with reference to a stationary needle. 2,154,848; Apr. 18.
Ionesco, Jean, Munich, Germany, and G. L. V. J. Prouvot, Roubaix, France. Camera, chiefly for cinematographs. 2,148,814; Feb. 28.
Iowa State College Research Foundation. (See Collins, Edgar V., assignor.)
Iowa State College Research Foundation. (See Shedd, C. K., and Collins, assignors.)
Ipatieff, Vladimir, and H. Pines, assignors to Universal Oil Products Company, Chicago, Ill. Alkylating phenols. 2,147,256; Feb. 14.
Ipatieff, Vladimir, and V. Komarewsky, assignors to Universal Oil Products Company, Chicago, Ill. Hydrogenation of hydrocarbon oils. 2,145,657; Jan. 31.
Ipatieff, Vladimir, and R. E. Schaad, assignors to Universal Oil Products Company, Chicago, Ill. Polymerization and catalyst therefor. 2,157,208; May 9.
Ipatieff, Vladimir, and H. Pines, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of butane. 2,169,494; Aug. 15.
Ipatieff, Vladimir, and H. Pines, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,170,306; Aug. 22.
Ipatieff, Vladimir, assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of ethers. 2,179,092; Nov. 7.
Ipatieff, Vladimir, and H. Pines, assignors to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbons. 2,174,883; Oct. 3.
Ipatieff, Vladimir N., and H. Pines, assignors to Universal Oil Products, Chicago, Ill. Polymerization of olefins. 2,181,942; Dec. 5.
Irby, David F., assignor of one-fourth to J. Calzada and one-fourth to F. J. Fabre, Gretna, La. Brake system. 2,169,646; Aug. 15.
Irelan, Ellison S. (See MacDonald, E. R., and Irelan.)
Ireland, Glenn V., Wauwatosa, Wis. Welding rod. 2,171,306; Aug. 29.
Ireland, J. F. (See Conklin, Raymond, assignor.)
Ireland, Murray, St. Paul, Minn., assignor to McGraw Electric Company, Chicago, Ill. Automatic electric toaster. 2,147,371; Feb. 14.
Ireland, Murray, St. Paul, Minn., assignor to McGraw Electric Company, Chicago, Ill. Toaster control. 2,149,965; Mar. 7.
Ireland, Murray, St. Paul, Minn., assignor to McGraw Electric Company, Chicago, Ill. Unitary thermally responsive timing mechanism. 2,168,526; Aug. 8.
Irgens, Finn T., Milwaukee, Wis., assignor, by mesne assignments, to Outboard, Marine & Manufacturing Company, Wilmington, Del. Underwater exhaust mechanism. Re. 20,961; Jan. 3.
Irgens, Finn T., Wauwatosa, Wis., assignor, by mesne assignments, to Outboard, Marine & Manufacturing Company, Wilmington, Del. Charge forming device. 2,148,071; Feb. 21.
Iron Fireman Manufacturing Company. (See Bentall, Frank M., assignor.)
Iron Fireman Manufacturing Company. (See Carter, Haskell C., assignor.)
Iron Fireman Manufacturing Company. (See Carter, H. C., and Marsh, assignors.)
Iron Fireman Manufacturing Company. (See Marsh, Thomas A., assignor.)
Iron Fireman Manufacturing Company. (See Peltz, Gordon M., assignor.)
Iron Fireman Manufacturing Company. (See Richardson, Max C., assignor.)
Iron Paving Limited. (See Small, Francis G., assignor.)
Ironsides Company, The. (See Williams, Robert C., assignor.)
Irrgang, William F. (See Shea, J. J., and Irrgang.)
Irven, William, Lakewood, assignor to The Standard Oil Company (Ohio), Cleveland, Ohio. Tubular sheet metalware manufacture. 2,145,834; Jan. 31.
Irvin, John L., Southside Place, Tex., assignor to Gulf Oil Corporation, Pittsburgh, Pa. Method and apparatus for embedding submarine pipe lines. 2,144,063; Jan. 17.
Irvin, Robert R., and M. W. Mead, Jr., Bloomfield, N. J. Production of yeast. 2,183,570; Dec. 19.
Irvine, Jan S. (See Slayter, G., and Irvine.)
Irvine, Jan S., Toledo, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Spring take-up for filter units. 2,175,195; Oct. 10.
Irvine, John M., Walworth Township, Walworth County, Wis. Electrical outlet supporting device. 2,177,718; Oct. 31.
Irvine, Keith S., Wellington, New Zealand. Scale and indicating means for use in connection therewith. 2,155,600; Apr. 25.
Irvine, Samuel M., assignor of one-half to R. B. Koehler, Great Neck, N. Y. Hedge shears. 2,181,056; Nov. 21.
Irving Air Chute Co. (See Smith, Floyd, assignor.)
Irving Air Chute Co. (See Waite, G., and Rogers, assignors.)
Irving Air Chute of Great Britain Limited. (See Pool, Joseph H., assignor.)
Irving, Arthur E. (See Kirby, F. G., and Irving.)
Irving, Francis. (See Heilbron, I. M., Irving, and Linstead.)
Irving, Henry F. (See Gebauer-Fuelnegg, E., Moffett, and Irving.)
Irving, John S., Birmingham, England, assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,160,071; May 30.
Irving, John S., Birmingham, England, assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,168,648; Aug. 8.
Irving, John S., Birmingham, England, assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,177,456; Oct. 24.
Irving Trust Company, executor, et al. (See David, John.)
Irving, Walter E. (See Prince, Burton A., assignor.)
Irving, Walter E., Glenbrook, Conn. Concrete filled grating. 2,147,442; Feb. 14.
Irvington Varnish & Insulator Co. (See Homan, Edward C., assignor.)
Irvington Varnish & Insulator Co. (See Kuzmick, Joseph N., assignor.)

Irwin Auger Bit Company, The. (See Albrecht, Alfred P., assignor.)
Irwin Auger Bit Company, The. (See Hiatt, B. M., and Albrecht, assignors.)
Irwin, Benjamin H. (See Silva, A. D., and Irwin.)
Irwin, Chester M., et al. (See Van Eweyk, William F., assignor.)
Irwin, Herbert G., Amarillo, Tex. Wind power machine. 2,152,963; Apr. 4.
Irwin, Herbert G., Amarillo, Tex. Wind power machine. 2,181,658; Nov. 28.
Irwin, Joseph D., assignor of one-half to J. W. Grant, Portsmouth, Va. Game device. 2,181,236; Nov. 28.
Irwin, Justus C., Minneapolis, Minn., assignor to H. B. Laymon, Spencer, Ind. Vending machine. 2,154,205; Apr. 11.
Irwin, Milton, assignor of one-half to W. G. Berg, Minneapolis, Minn. Irrigating apparatus. 2,157,756; May 9.
Irwin, Robert W., Company. (See Irwin, R. W., and Bekius, assignors.)
Irwin, Robert W., and N. Bekius, assignors to Robert W. Irwin Company, Grand Rapids, Mich. Drawer partition guide. 2,144,804; Jan. 24.
Irwin, William J., Wilkinsburg, Pa. Furnace regenerator system. 2,178,794; Nov. 7.
Irwin, William J., Wilkinsburg, Pa. Furnace regenerator arrangement. 2,178,795; Nov. 7.
Irwine, Robert L., Union, and J. P. Kovacs, assignors to Motor Improvements, Inc., Newark, N. J. Filter forming machine. 2,155,973; Apr. 25.
Isaacs, Mone R., Chelsea, N. J. Composition of matter. 2,160,869; June 6.
Isaacs, Moses H., executor, et al. (See Molins, Walter E.)
Isaacs, Moses H., et al., executors. (See Molins, Walter E.)
Isaacs, Moses H., executor, et al. (See Molins, W. E., and Nichols.)
Isaacson, Carl A., St. Paul, Minn. Garment hanger. 2,170,686; Aug. 22.
Isaacson, Max, Dayton, Ohio. Magnetic type floating compass card. 2,153,565; Apr. 11.
Isaacson, Max J., Brooklyn, N. Y. Spout attachment for bottles and other containers. 2,155,049; Apr. 18.
Isasi, Linus, Washington, D. C. Button. 2,175,840; Oct. 10.
Isbell, Arnold J., Pensacola, Fla., assignor of one-half to M. E. A. Isbell, Chicago, Ill. Multiple throttle control. 2,143,318; Jan. 10.
Isbell, Arnold J., Pensacola, Fla., assignor of one-half to M. E. A. Isbell, Chicago, Ill. System for parking vehicles. 2,164,992; July 4.
Isbell, Mary E. A. (See Isbell, Arnold J., assignor.)
Isbell, Paul Y., Whitehaven, Tenn. Combined cutter, agitator, and crusher for dredges. 2,174,323; Sept. 26.
Iseler, Charles W., assignor to General Motors Corporation, Detroit, Mich. Engine balancing. 2,182,988; Dec. 12.
Iselin, Martin. (See Becherer, F., Iselin, and Bindler.)
Isendahl, Herbert, Berlin-Halensee, Germany. Gas producer. 2,152,411; Mar. 28.
Isgren, Elmer E. (See Le Tourneau, R. G., Peterson, and Isgren.)
Isham, Robert M., assignor of three-fourths to W. B. Pine, Okmulgee, Okla. Producing light hydrocarbons. 2,168,261; Aug. 1.
Isham, Robert M., Okmulgee, Okla., and H. N. Lyons, Maplewood, assignors, by mesne assignments, to Power Patents Company, Jersey City, N. J. Gasoline manufacture with by-product recovery. 2,145,025; Jan. 24.
Isham, Robert M., Okmulgee, and M. R. Ryan, assignors to Danciger Oil & Refineries, Inc., Tulsa, Okla. Treatment of gaseous hydrocarbons for the production of liquid aromatic hydrocarbons. 2,158,582; May 16.
Ishibashi, Kay, San Pedro, Calif. Signaling apparatus. 2,148,695; Feb. 28.
Ishiwata, Kiichi, Kanagawaken, Japan, assignor to General Electric Company. Electric circuit interrupter. 2,151,551; Mar. 21.
Isle, William E., Kansas City, Mo. Nut and bolt lock. 2,183,814; Dec. 19.
Isler, Ernst, assignor to Steatit-Verkaufsgesellschaft A. G. (Steatite Trading Ltd.), Basel, Switzerland. Closure for collapsible tubes. 2,159,161; May 23.
Isler, Ernst, assignor to Steatit Verkaufsgesellschaft A. G. (Steatite Trading Ltd.), Basel, Switzerland. Closure device for collapsible tubes. 2,183,912; Dec. 19.
Isler, Otto, Basel, Switzerland, assignor to Hoffman-La Roche Inc., Nutley, N. J. α-naphthacetyl-amino acids and manufacture of same. 2,179,979; Nov. 14.
Isles, David R., Topeka, Kans. Air conditioning unit. 2,148,161; Feb. 21.
Isman, Marcel A. (See Ducellier, G. L. R., and Isman.)
Israel, John J., Brooklyn, assignor, by mesne assignments, to U. M. A. Inc., New York, N. Y. Therapeutical appliance. 2,145,932; Feb. 7.
Ittner, Martin H., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Distillation of glycerin. 2,164,274; June 27.
Ittner, Martin H., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Distillation of glycerin. 2,164,275; June 27.
Ittner, Martin H., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Distillation of glycerin. 2,164,276; June 27.
Ivanek, Otto, Lyndhurst, N. J. Interchangeable line-up. 2,163,978; June 27.
Ivers-Lee Company. (See Salfisberg, LeRoy L., assignor.)
Iversen, Johannes, Copenhagen, Denmark. Fountain pen. 2,143,601; Jan. 10.
Iversen, Lorenz, assignor to Mesta Machine Company, Pittsburgh, Pa. Annealing plant. 2,168,527; Aug. 8.
Iversen, Lorenz, assignor to Mesta Machine Company, Pittsburgh, Pa. Method and apparatus for cold rolling strip metal. 2,180,635; Nov. 21.
Iverson, Cato, assignor to National Rubber Machinery Company, Akron, Ohio. Vulcanizing mold and other presses. 2,169,146; Aug. 8.
Iverson, Cato, assignor to National Rubber Machinery Company, Akron, Ohio. Vulcanizing press. 2,181,273; Nov. 28.
Iverson, Christian, Weston, Iowa. Lawn mower. 2,165,551; July 11.
Ives, Charles Q., Reading, assignor to Sherman Paper Products Corporation, Newton, Mass. Apparatus for the manufacture of indented corrugated paper products. 2,154,940; Apr. 18.
Ives, Clifford E., Wilmette, assignor to R. E. Landis, Chicago, Ill. Automatic cutting device. 2,181,185; Nov. 28.
Ives, Clifford E., Wilmette, Ill. Can sealer. 2,181,237; Nov. 28.
Ives, H. B., Co. (See Hagstrom, Gotthard E., assignor.)
Ives, Herbert E. (See Hartley, R. V. L., and Ives.)
Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electro-optical system. 2,150,168; Mar. 14.
Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Optical device. 2,174,003; Sept. 26.
Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Multichannel television system. 2,177,256; Oct. 24.
Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cathode ray device. 2,179,243; Nov. 7.
Ives, Herbert E., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrooptical scanning apparatus. 2,184,525; Dec. 26.
Iwan, Arthur, assignor of one-half to H. F. Ellerman, Chicago, Ill. Slipper and making the same. 2,177,321; Oct. 24.
Izard, Emmette F., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating metal. 2,162,618; June 13.
Izard, Emmette F., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic composition and preparing same. 2,168,348; Aug. 8.
Izard, Emmette F., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Forming films, threads, and the like. 2,169,250; Aug. 15.
Izard, Emmette F., Kenmore, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of non-fibrous film. 2,176,903; Oct. 24.
Jabelmann, Otto, Omaha, Nebr. Locomotive. 2,183,913; Dec. 19.
Jabelmann, Otto, Omaha, Nebr., and R. J. Finch, Schenectady, assignors to American Locomotive Company, New York, N. Y. Cup for containing lubricant. 2,184,925; Dec. 26.
Jablonsky, Bruno, London, England. Pressed article, particularly airscrew blade of laminated wood, and method of manufacture. 2,155,375; Apr. 18.
Jabouley, Joanny, Rochetaillee, France, assignor to Celanese Corporation of America. Shedding mechanism for looms. 2,154,902; Apr. 18.
Jabouley, Joanny, Rochetaillee, France, assignor to Celanese Corporation of America. Circular loom. 2,154,903; Apr. 18.
Jaccard, E. Gilbert. (See Jaccard, Helene S., assignor.)
Jaccard, Helene S., assignor to E. G. Jaccard, Mission Hills, Kans. Hat. 2,172,510; Sept. 12.
Jack, David G., assignor of one-half to A. P. Trlica, Houston, Tex. Pipe or tube elevator. 2,172,908; Sept. 12.
Jack, George, Rochelle Park, assignor to J. M. Lehmann Co., Inc., New York, N. Y. Roller mill. 2,185,150; Dec. 26.
Jack, Julius F. (See Schmidt, A. C., and Jack.)
Jack, Julius F., Newark, N. J. Thermostatic valve. 2,161,924; June 13.
Jackel, Arthur P. (See Snavely, C. S., Miller, and Jackel.)
Jackel, Arthur P., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,171,751; Sept. 5.
Jacker, Nelle, Chicago, Ill., assignor to American Can Company, New York, N. Y. Ground spice container. 2,177,589; Oct. 24.
Jackes-Evans Manufacturing Company. (See Jackes, Stanley F., assignor.)
Jackes-Evans Manufacturing Company. (See Jackes, S. F., and Gehne, assignors.)
Jackes-Evans Manufacturing Company. (See Mange, Clarence E., assignor.)
Jackes, Stanley F., assignor to Jackes-Evans Manufacturing Company, St. Louis, Mo. Apparatus for assembling stovepipes. 2,157,337; May 9.
Jackes, Stanley F., St. Louis, and R. Gehne, Pine Lawn, assignors to Jackes-Evans Manufacturing Company, St. Louis, Mo. Flue bushing. 2,168,066; Aug. 1.

Jackes, Stanley F., assignor to Jackes-Evans Manufacturing Company, St. Louis, Mo. Stove. 2,178,635; Nov. 7.
Jackman, Elmer F., Elyria, assignor to The Ridge Tool Company of Elyria, Ohio, North Ridgeville, Ohio. Drill guide. 2,165,485; July 11.
Jackman, Fred W., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Apparatus for trick photography. 2,147,038; Feb. 14.
Jackman, Fred W., Beverly Hills, assignor to Warner Bros. Pictures, Inc., Burbank, Calif. Double camera. 2,153,892; Apr. 11.
Jackman, Fred W., Beverly Hills, Calif., assignor to Warner Brothers Pictures, Inc., New York, N. Y. Apparatus for treating cinematographic film. 2,164,653; July 4.
Jackman, Fred W., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Photography. 2,173,518; Sept. 19.
Jackman, Fred W., Beverly Hills, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Manufacture of plastic sheets. 2,184,672; Dec. 26.
Jacks, Charles O., Reno, Nev. Trailer hitch. 2,163,999; June 27.
Jackson, Arthur J., et al. (See Glasgow, Chester W., assignor.)
Jackson, Arthur R., London, England, assignor to Remington Rand Inc., Buffalo, N. Y. Card-holding clip. 2,178,449; Oct. 31.
Jackson, Byron, Co. (See De Coursey, Harry V., assignor.)
Jackson, Cecil, Sardis, Ohio. Apparatus for flushing and repacking automobile wheels. 2,160,214; May 30.
Jackson, Charles R. (See Loughmiller, William N., assignor.)
Jackson City Bank and Trust Company, executor. (See Tomkins, Harold A.)
Jackson, Corwill, Ludington, Mich. Concrete placement machine. 2,150,325; Mar. 14.
Jackson, Corwill, Ludington, Mich. Concrete placing apparatus. 2,150,326; Mar. 14.
Jackson, Corwill, Ludington, Mich. Concrete placing machine. 2,154,206; Apr. 11.
Jackson, Corwill, Ludington, Mich. Concrete placing apparatus. 2,154,207; Apr. 11.
Jackson, Corwill, Ludington, Mich. Transportable support for power implements and units. 2,154,208; Apr. 11.
Jackson, Corwill, Ludington, Mich. Concrete placing apparatus. 2,163,882; June 27.
Jackson, Donald R. (See Vaughn, T. H. and Jackson.)
Jackson, George F., Toledo, Ohio. Brake shoe key anchorage. 2,171,307; Aug. 29.
Jackson, George J., assignor to Woodall-Duckhans (1920) Limited, London, England. Underjet-fired coke oven. 2,154,166; Apr. 11.
Jackson, George P. (See Zinkernagel R., and Jackson.)
Jackson, Harry, Harrisburg, Pa. Burglar-alarm window guard. 2,179,042; Nov. 7.
Jackson, Honel A., Detroit, Mich. Mask. 2,156,181; Apr. 25.
Jackson, James H., Detroit, Mich. Oil burner. 2,181,186; Nov. 28.
Jackson, James P., Oklahoma City, Okla. Deep well pump. 2,157,704; May 9.
Jackson, John E., Lynchburg, Va. Mapping machine. 2,149,440; Mar. 7.
Jackson, John G., assignor to Square D Company, Detroit, Mich. Electric switch. 2,142,674; Jan. 3.
Jackson, John G., assignor to Square D Company, Detroit, Mich. Electric switching device. 2,143,697; Jan. 10.
Jackson, John G., assignor to Square D Company, Detroit, Mich. Enclosed electric device. 2,146,627; Feb. 7.
Jackson, John G., assignor to Square D Company, Detroit, Mich. Contact jaw. 2,146,628; Feb. 7.
Jackson, John G., assignor to Square D Company, Detroit, Mich. Electric switch. 2,158,369; May 16.
Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,177,774; Oct. 31.
Jackson, John G., assignor to Square D Company, Detroit, Mich. Circuit breaker. 2,177,775; Oct. 31.
Jackson, John G., and W. T. Allen, assignors to Square D Company, Detroit, Mich. Circuit breaker. 2,156,760; May 2.
Jackson, John G., and W. T. Allen, assignors to Square D Company, Detroit, Mich. Circuit breaker. 2,156,761; May 2.
Jackson, John G., and R. Mueller, assignors to Square D Company, Detroit, Mich. Circuit breaker. 2,156,762; May 2.
Jackson, John M., Los Angeles, Calif. Control device. 2,166,410; July 18.
Jackson, John R., Boston, Mass. Tool post and holder. 2,168,162; Aug. 1.
Jackson, John W., Glen Allen, assignor of one-half to E. D. Erwin, Richmond, Va. Aircraft. 2,176,904; Oct. 24.
Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Multiple unit hearth bread baking pan. 2,150,623; Mar. 14.
Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Stay for pan sets. 2,153,757; Apr. 11.
Jackson, Joseph G., Oak Park, assignor to The Edward Katzinger Company, Chicago, Ill. Making integral ferrules and tool shanks. 2,159,329; May 23.
Jackson, Keene S., Springfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron ray voltage indicator. 2,167,842; Aug. 1.
Jackson, Laurence O., Watonga, Okla. Golf bag support. 2,148,947; Feb. 28.
Jackson, Leslie K., assignor to North American Car Corporation, Chicago, Ill. Transmission. 2,160,215; May 30.
Jackson, Lloyd R., and H. W. Russell, Columbus, Ohio, assignors to Utilities Coordinated Research, Inc., New York, N. Y. Induction heater construction. 2,181,274; Nov. 28.
Jackson, Otto V., Cleveland, Ohio. Washing machine for dishes and the like. 2,146,433; Feb. 7.
Jackson, Paul, and A. B. Cady, assignors to Read Machinery Company, Incorporated, York, Pa. Door for bake ovens. 2,167,047; July 25.
Jackson, Paul C., Houston, Tex. Pumping unit. 2,161,298; June 6.
Jackson, Paul S., assignor to Rockford Machine Tool Company, Rockford, Ill. Hydraulic machine tool. 2,167,890; Aug. 1.
Jackson, Ralph G., Woodbury, N. J. Floor covering. Re. 21,036; Mar. 28.
Jackson, Robert E., Dedham, Mass. Safety bill handling chest. 2,170,245; Aug. 22.
Jackson, Robert H., Orange, Calif. Spinning rope pipe tongs. 2,157,338; May 9.
Jackson, Samuel B., Shawsheen Village, assignor to The Bolta Company, Lawrence, Mass. Comb package. 2,155,313; Apr. 18.
Jackson, Stillman D. (See Heilstedt, H. R., and Jackson.)
Jackson, Thomas, and G. W. Stanley, Denton, England. Internal combustion turbine. 2,174,266; Sept. 26.
Jackson, Thomas W., Lewisville, Idaho. Weed exterminator. 2,173,966; Sept. 26.
Jackson, Walter C., Rahway, N. J., assignor to Tingley Reliance Rubber Corporation. Antiskid device. 2,183,321; Dec. 12.
Jackson, Walter C., Rahway, N. J., assignor to Tingley Reliance Rubber Corporation. Holding strap for antiskid devices. 2,183,322; Dec. 12.
Jackson, William A., Pittsburgh, Pa. Electric fan cabinet. 2,146,339; Feb. 7.
Jackson, William B., Monroe, Ga. Roll picker. 2,151,111; Mar. 21.
Jackson, William H., Los Angeles, and H. S. Kelley, Long Beach, assignors to Axelson Manufacturing Co., Los Angeles, Calif. Pump anchor. 2,177,890; Oct. 31.
Jackson, William R., assignor of fifty per cent to A. L. Rikard, Greenville, S. C. Self-lubricating trolley shoe. 2,158,721; May 16.
Jacob, Andrew. (See Jacob, Mike and A., and Maravalli.)
Jacob, Bruno. (See Jacob, Max, assignor.)
Jacob, Frederick N., assignor to Johnson Laboratories, Inc., Chicago, Ill. Cathode ray oscilloscope. 2,145,483; Jan. 31.
Jacob, Frederick N., assignor to Johnson Laboratories, Inc., Chicago, Ill. Permeability tuned antenna system. 2,153,622; Apr. 11.
Jacob, Frederick N., assignor to Johnson Laboratories, Inc., Chicago, Ill. Vacuum tube sweep circuit. 2,162,335; June 13.
Jacob, Frederick N., assignor to Johnson Laboratories, Inc., Chicago, Ill. Machine for winding duolateral electrical coils. 2,180,207; Nov. 14.
Jacob, Frederick N., assignor to Johnson Laboratories, Inc., Chicago, Ill. Machine for bank-winding electrical coils. 2,180,208; Nov. 14.
Jacob, Frederick N., and M. J. Kirk, assignors to Johnson Laboratories, Inc., Chicago, Ill. Three-section condenser of the trimmer type. 2,158,127; May 16.
Jacob, Max, Berlin-Oberschoneweide, assignor of one-half to B. Jacob, Berlin, Germany. Hinge for curved vehicle doors. 2,144,977; Jan. 24.
Jacob, Mike and A., and J. Maravalli, Dunlo, Pa. Line Tightener. 2,168,954; Aug. 8.
Jacob, Paul. (See Pier, M., Simon, and Jacob.)
Jacob, Thomas H., Wausau, Wis. Vehicle axle. 2,155,939; Apr. 25.
Jacobi, Edward N., assignor to Briggs & Statton Corporation, Milwaukee, Wis. Spark plug shield. 2,151,112; Mar. 21.
Jacobi, Edward N., assignor to Briggs & Statton Corporation, Milwaukee, Wis. Lock. 2,151,113; Mar. 21.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Flywheel magneto assembly for internal combustion engines. 2,157,666; May 9.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Compartment door latch. 2,172,586; Sept. 12.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Hub cap lock. 2,175,353; Oct. 10.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Lock. 2,182,588; Dec. 5.
Jacobi, Edward N., assignor to Briggs & Stratton Corporation, Milwaukee, Wis. Compartment door latch. 2,182,589; Dec. 5.
Jacobi, Helmut. (See Strassberger, L., and Jacobi.)
Jacobi, Millard W. (See Heise, A. C., and Jacobi.)

Jacobi, William H., Wilkinsburg, Pa., and I. A. Yost, Lakewood, Ohio, assignors to Westinghouse Electric & Manufacturing Company. Arc head mechanism for searchlights. 2,147,443; Feb. 14.
Jacobi, Willy, Bremerhaven, Germany. Collar and collar-shirt. 2,143,778; Jan. 10.
Jacobowitz, Simon, Berlin-Charlottenburg, assignor to G. Snoek, Berlin, Germany. Solidified normally liquid substances. 2,165,857; July 11.
Jacobs, Albert L., et al. (See Willat, Arnold F., assignor.)
Jacobs, Albert L., Pittsburgh, Pa. Treating manganese ores. 2,154,128; Apr. 11.
Jacobs, Charles C., Akron, Ohio. Variable transmission. 2,174,698; Oct. 3.
Jacobs, Charles T. (See Dunning, O. M., and Jacobs.)
Jacobs, Charles T. (See Miessner, B. F., and Jacobs.)
Jacobs, Charles T., New Providence, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonographic system. 2,146,434; Feb. 7.
Jacobs, Charles T., New Providence Township, Union County, assignor to Miessner Inventions, Inc., Millburn, N. J. Apparatus for the production of music. 2,165,707; July 11.
Jacobs, Charles T., New Providence Township, Union County, and L. Z. La Forest, Orange, assignors to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph record resurfacing machine. 2,184,370; Dec. 26.
Jacobs, F. L., Company. (See Chesley, Walter R., assignor.)
Jacobs, F. L., Co. (See Jacobs, Rex C., assignor.)
Jacobs, F. L., Company. (See Visser, John, assignor.)
Jacobs, Frank C., New Kensington, Pa. Condenser tube seal. 2,155,491; Apr. 25.
Jacobs, George, assignor of one-half to E. Goetz, Detroit, Mich. Wire-bending machine. 2,169,420; Aug. 15.
Jacobs, Hans, Berlin-Mariendorf, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electrical oscillatory circuits. 2,167,512; July 25.
Jacobs, James W., assignor to General Motors Corporation, Dayton, Ohio. Ice tray. 2,169,180; Aug. 8.
Jacobs, Jesse F., Baird, Tex., assignor, by mesne assignments, to Automatic Tank Cleaner Company. Oil tank cleaner. 2,143,441; Jan. 10.
Jacobs, Joseph, Bridgeport, assignor to The A. J. Donahue Corporation, Milford, Conn. Ear muff. 2,184,996; Dec. 26.
Jacobs, Morris B., Brooklyn, and A. A. Singer, New York, N. Y. Separatory flask. 2,170,411; Aug. 22.
Jacobs, Oles B., Chicago, Ill. Combustion turbine. 2,173,333; Sept. 19.
Jacobs, Rex C., Detroit, Mich. Automobile visor bracket. 2,156,091; Apr. 25.
Jacobs, Rex C., Detroit, Mich. Automobile glare shield. 2,160,504; May 30.
Jacobs, Rex C., Detroit, Mich. Glare shield for automobiles. 2,160,505; May 30.
Jacobs, Rex C., Detroit, Mich. Automobile glare shield. 2,163,340; June 20.
Jacobs, Rex C., Detroit, Mich. Seat track and riser. 2,170,923; Aug. 29.
Jacobs, Rex C., assignor, by mesne assignments, to F. L. Jacobs Co., Detroit, Mich. Removable ash receiver. 2,174,244; Sept. 26.
Jacobs, Theodor. (See Lange, M., and Jacobs.)
Jacobs, Viding O., Chicago, Ill. World time clock. 2,144,922; Jan. 24.
Jacobsen, Arthur J., assignor to Bucyrus-Monighan Company, Chicago, Ill. Cutting. 2,163,687; June 27.
Jacobsen, Oystein, Dayton, Ohio, assignor to The Duriron Company, Inc. Pump runner assembly. 2,143,484; Jan. 10.
Jacobsen, Oystein, Dayton, Ohio, assignor to The Duriron Company, Inc. Lubricated plug valve. 2,168,903; Aug. 8.
Jacobsen, Richard S., Wheaton, Ill. Variable speed transmission. 2,157,757; May 9.
Jacobsen, Richard S., Wheaton, Ill. Change speed transmission. 2,157,758; May 9.
Jacobsen, William B. (See Campbell, T. P., and Jacobsen.)
Jacobsen, William E., Schenectady, N. Y., assignor to General Electric Company. Regulating system. 2,158,871; May 16.
Jacobsens, N., Elektriske Varksted A/S. (See Engholm, T. H., and Hernes, assignors.)
Jacobsmeyer, Oscar H., et al. (See Shifflett, John A., assignor.)
Jacobson, Albin G., Crossett, Ark. Loading apparatus. 2,151,385; Mar. 21.
Jacobson, Benno Y., New York, N. Y. Tag fastener. 2,159,026; May 23.
Jacobson, Bror J. (See Kirk, L. H., and Jacobson.)
Jacobson, Carl A., Morgantown, assignor to Sealco By-Products Company, Bluefield, W. Va. Manufacture of carburized silica. 2,156,591; May 2.
Jacobson, Emanuel, New York, N. Y. Seamless rubber figure. 2,152,311; Mar. 28.
Jacobson, Erik W., Chicago, Ill. Flushing flue cleaner. 2,148,754; Feb. 28.
Jacobson, Franz, Brooklyn, N. Y. Coupling. 2,142,357; Jan. 3.
Jacobson, Gunnard W., assignor to Illinois Tool Works, Chicago, Ill. Electrical connecter. 2,142,818; Jan. 3.
Jacobson, Gunnard W., assignor to Illinois Tool Works, Chicago, Ill. Locking device. 2,151,919; Mar. 28.
Jacobson, Harry, et al. (See Fitzgerald, Thomas W., assignor.)
Jacobson, Harry. (See Vaccaro, George, assignor.)
Jacobson, Harold B. (See Nardulli, M. J., and Jacobson.)
Jacobson, Irving, Burbank, Calif. Shutter and flash synchronizer for cameras. 2,161,355; June 6.
Jacobson, James H., Chicago, Ill., assignor to C. C. Chambers and R. S. Bradshaw, Jr., St. Louis, Mo. Parting strip for roadways or the like. 2,176,574; Oct. 17.
Jacobson, James H., Chicago, Ill., assignor to C. C. Chambers and R. S. Bradshaw, Jr., St. Louis, Mo. Road joint assembly and support. 2,178,119; Oct. 31.
Jacobson, Joel M., and M. Watter, assignors to The Glenn L. Martin Company, Baltimore, Md. Aircraft construction. 2,176,817; Oct. 17.
Jacobson, Louis J., Chicago, Ill. Cigarette holder. 2,153,623; Apr. 11.
Jacobson, Moses G., Swissvale, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Gas testing method and apparatus. 2,149,441; Mar. 7.
Jacobson, Moses G., Swissvale, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Gas testing. 2,156,693; May 2.
Jacobson, Peter G., Chicago, Ill. Antibacklash device. 2,166,662; July 18.
Jacobson, Ralph A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dithiohydantoins. 2,143,816; Jan. 10.
Jacobson, Ralph A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resin compositions. 2,155,863; Apr. 25.
Jacobson, Ralph A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilized organic nitrile and making. 2,175,805; Oct. 10.
Jacobson, Ralph A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyamides. 2,176,074; Oct. 17.
Jacobson, Ralph A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Amino ketones and making. 2,179,215; Nov. 7.
Jacobson, Roy G., Rockford, Ill. Boring head. 2,182,478; Dec. 5.
Jacobson, Wilhelm L., Libby, Mont. Lip exerciser. 2,164,458; July 4.
Jacobsson, Wilgot J. (See Geibig, F. C., and Jacobson.)
Jacobsson, Wilgot J. (See Smith, G. H., and Jacobsson.)
Jacobstein, Archie and B., Louisville, Ky. Chance ticket. 2,180,808; Nov. 21.
Jacobstein, Bessie. (See Jacobstein, Archie and B.)
Jacobstein, Hyman, New Rochelle, N. Y. Individual cigar box. 2,161,816; June 13.
Jacobucci, Silvey A., Upland, assignor of one-third to M. E. Jones, Ontario, Calif. Adjustable and collapsible crutch. 2,172,047; Sept. 5.
Jacobus, Warren A., Wood River, Nebr. Direction indicator. 2,170,370; Aug. 22.
Jacoby-Bender, Inc. (See Duerr, Charles, assignor.)
Jacoby, Enos R., Muskegon, assignor to Continental Motors Corporation, Detroit, Mich. Induction system for internal combustion engines. 2,163,040; June 20.
Jacoby, Hans, Finkenkrug, East-Havelland, and H. Panzerbieter, Berlin-Haselhorst, assignors to Siemens and Halske, Aktiengesellschaft, Berlin-Siemensstadt, Germany. Microphone. 2,168,569; Aug. 8.
Jacoby, Meyer, New York, N. Y. Hair bearing figure and making same. 2,175,693; Oct. 10.
Jacquard Knitting Machine Co. (See Sirmay, Julius, assignor.)
Jacques, Walter J., Blackstone, assignor to Whitin Machine Works, Whitinsville, Mass. Builder mechanism for spinning frames. 2,146,435; Feb. 7.
Jacquet, René J. F., Cortenberg, assignor to Tannerie & Maroquinerie Belges (Société Anonyme), Saventhem, near Brussels, Belgium. Treatment of gelatin and glue. 2,166,297; July 18.
Jacuzzi Bros. Inc. (See Jacuzzi, Frank, assignor.)
Jacuzzi, Frank, Berkeley, Calif., assignor to Jacuzzi Bros. Inc. Pumping apparatus. 2,150,799; Mar. 14.
Jäderblom, Erik T., Alnas, Bo, Sweden. Plant for hydraulically operating delivery pumps. 2,154,904; Apr. 18.
Jaeckh, Wolfgang. (See Michael, W., and Jaeckh.)
Jaeckh, Wolfgang. (See Pier, M., Michael, and Jaeckh.)
Jaeger, Alphons O. (See Caryl, C. R., and Jaeger.)
Jaeger, Alphons O. (See West, H. J., and Jaeger.)
Jaeger, Alphons O., Greentree, Pa., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Esters of sulphodicarboxylic acids. 2,176,423; Oct. 17.
Jaeger, Alphons O., Mount Lebanon, and R. Herrlinger, Bridgeville, Pa., assignors to American Cyanamid & Chemical Corp., New York, N. Y. Unhairing of hides and skins. 2,169,147; Aug. 8.
Jaeger, Alphons O., Greenwich, Conn., and R. Herrlinger, Bridgeville, Pa., assignors to American Cyanamid & Chemical Corporation, New York, N. Y. Unhairing of hides and skins. 2,169,148; Aug. 8.
Jaeger, Alphons O., and J. E. Jewett, Mount Lebanon, Pa., assignors to American Cyanamid & Chemical Corp., New York, N. Y. Developing photographic films and plates. 2,178,450; Oct. 31.
Jaeger, Gebhard, Columbus, Ohio, and C. Gerst, Detroit, Mich. Transmission. 2,180,470; Nov. 21.

Jaeger, Gebhard, Columbus, Ohio, and C. Gerst, Detroit, Mich., assignors to The Jaeger Machine Company, Columbus, Ohio. Transmission. 2,180,469; Nov. 21.

Jaeger, Gustav. (See Wille, A., and Jaeger.)

Jaeger, Gustav, Neu-Isenburg, assignor to Deutsche Gold und Silber Scheideanstalt vormals Roessler, Frankfort-on-the-Main, Germany. Electrolytic production of metals. 2,151,599; Mar. 21.

Jaeger, Gustav, Neu-Isenburg, and A. Wille, Frankfort-on-the-Main, assignors to Deutche Gold-und Silber-Scheideanstalt, vormals Roessler, Frankfort-on-the-Main, Germany. Decomposing beryllium minerals, particularly beryl. 2,160,547; May 30.

Jaeger, Gustav, Neu-Isenburg, and H. Diehl, assignors to Deutsche Gold- und Silber-Scheide-Anstalt vormals Roessler, Frankfort-on-the-Main, Germany. Manufacturing green ceramic colors. 2,180,056; Nov. 14.

Jaeger, Hans, Karlshorst, Berlin, asisgnor to Admos Bleibronze Dr. Springorum & Co., Kom.-Ges, Berlin-Oberschoneweide, Germany. Process for the manufacture of bearings. 2,157,453; May 9.

Jaeger, Hans W., assignor of one-half to F. B. Dawley, Seattle, Wash. Roasting and smelting furnace. 2,177,654; Oct. 31.

Jaeger, Karl, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of absorptive materials. 2,161,710; June 6.

Jaeger Machine Company, The. (See Bohmer, C. I., and Gatch, assignors.)

Jaeger Machine Company, The. (See Cost, W. A., and Hartley, assignors.)

Jaeger Machine Company, The. (See Jaeger, G., and Gerst, assignors.)

Jaeger Machine Company, The. (See Mosel, Joseph H., assignor.)

Jaeger Machine Company, The. (See Saxe, Arthur C., assignor.)

Jaeger, Max, and F. Besemann, Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of alkali metasilicates and alkali metasilicate-containing compositions. 2,161,515; June 6.

Jaeger, Walter J., Imperial, Nebr. Rim mounting. 2,175,294; Oct. 10.

Jaeger Watch Company. (See Vail, Edgar L., assignor.)

Jaekel, Ben, et al. (See Rissman, Paul, assignor.)

Jaekel, Walter, et al. (See Rissman, Paul, assignor.)

Jaenicke, Johannes. (See Bentz, E., and Jaenicke.)

Jagemann, George N. (See Schuknecht, W. C., and Jagemann.)

Jagenberg-Werke Akt.-Ges. (See Küchler, Karl, assignor.)

Jagersberger, Joseph W., assignor, by mesne assignments, to Standard Foundry Company, Racine, Wis. No-roll back mechanism. 2,145,008; Jan. 24.

Jaggars, Thomas L., et al. (See Exline, Marcus P., assignor.)

Jago, John H. (See Busche, A., and Jago.)

Jagschitz, Konrad, Mainz, assignor to Machinenfabrik Augsburg-Nürnberg A. G., Nuremberg, Germany. Gas holder without dead space. 2,161,817; June 13.

Jagschitz, Konrad, Mainz, assignor to Maschinenfabrik Augsburg-Nuernberg A. G., Nuremberg, Germany. Dry gas holder. 2,166,156; July 18.

Jagschitz, Konrad, Mainz, assignor to Maschinenfabrik Augsburg-Nurnberg A. G., Nuremburg, Germany. Collapsible gasholder. 2,171,567; Sept. 5.

Jahant, George A., U. S. Marine Corps. Parachute rip cord receding cone. 2,179,506; Nov. 14.

Jahn, C. R., Company. (See Jahn, H. W., and Rendall, assignors.)

Jahn, Carl A. H., assignor to Johnson Matthey & Company, Limited, Hatton Garden, London County, England. Resistance wire or the like. 2,166,055; July 11.

Jahn, Georg, Arnswalde, Germany. Device for the separation of solids of various particle sizes contained in a fluid, especially in the manufacture of starch. 2,184,598; Dec. 26.

Jahn, Edward J. (See Anderson, A. P., and Jahn.)

Jahn, Herbert W., and H. G. Rendall, assignors to C. R. Jahn Company, Chicago, Ill. Vehicle axle coupling. 2,155,940; Apr. 25.

Jähne, Friedrich, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Apparatus for testing magnetizable workpieces. 2,170,371; Aug. 22.

Jahnke, Albert, and T. F. Ryan, Chicago, Ill. Device for opening, dispensing contents of, and encasing cans. 2,144,155; Jan. 17.

Jahns, George, Hollywood, Calif. Match book. 2,151,031; Mar. 21.

Jain, Lewis G. (See Magee, J., and Jain.)

Jakel Company. (See Rissman, Paul.)

Jäkel, Paul, and H. Muth, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electrical measuring system. 2,178,074; Oct. 31.

Jak-Kraw, Inc. (See Stirgwolt, Robert W., assignor.)

Jakl, Josef. (See Widmer, G., Fisch, and Jakl.)

Jakob, Lothar, and B. Wendt, Dessau, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Colored photographic pictures. 2,177,257; Oct. 24.

Jakob, Oliver G. (See O'Brien, F. J., and Jakob.)

Jakobsen, Andrew, Phoenix, Ariz. Concrete vault mold. 2,148,815; Feb. 28.

Jakosky, John J., Los Angeles, Calif. Method and apparatus for continuous exploration of bore holes. Re. 21,102; May 30.

Jakosky, John J., Los Angeles, Calif. Apparatus for determining photographic exposures. 2,147,902; Feb. 21.

Jakosky, John J., Los Angeles, Calif. Method and apparatus for continuous exploration of bore holes. 2,150,169; Mar. 14.

Jakosky, John J., Los Angeles, Calif. Method and apparatus for continuous exploration of bore holes. 2,153,802; Apr. 11.

Jakosky, John J., Los Angeles, Calif. Method and apparatus for electrical exploration of the subsurface. 2,162,086; June 13.

Jakosky, John J., Los Angeles, Calif. Method and apparatus for electrical exploration of the subsurface. 2,162,087; June 13.

Jakosky, John J., Los Angeles, Calif. Method and apparatus for electrical exploration of subsurface. 2,167,950; Aug. 1.

Jakosky, John J., Los Angeles, Calif. Method and apparatus for electrical exploration of subsurfaces. 2,174,343; Sept. 26.

Jakosky, John J., Los Angeles, Calif. Method and apparatus for continuous exploration of bore holes. 2,181,601; Nov. 28.

Jakosky, John J., Los Angeles, Calif., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Electrical method and apparatus for determining the characteristics of geologic formations. 2,155,133; Apr. 18.

Jakosky, John J., Los Angeles, Calif., assignor to Schlumberger Well Surveying Corporation, Houston, Tex. Electrical method and apparatus for determining the characteristics of a geological formation traversed by a bore-hole. 2,179,593; Nov. 14.

Jakosky, John J., Los Angeles, Calif., and V. F. Hanson, Niagara Falls, N. Y., assignors to Electrolblacks, Inc., Culver City, Calif. Producing carbon black. 2,148,355; Feb. 21.

Jakosky, John J., Los Angeles, Calif., and V. F. Hanson, Niagara Falls, N. Y., assignors to Electrolblacks, Inc., Culver City, Calif. Producing carbon black. 2,148,356; Feb. 21.

Jalma, Michael M., and H. Coutinho, New York, N. Y.; said Coutinho assignor to said Jalma. Process and apparatus for roasting. 2,159,027; May 23.

Jalonack, Irwin G., Brookhaven, N. Y. Oil burner. 2,148,202; Feb. 21.

Jamar, Warren S., and E. H. Dodd, assignors to R. S. Patrick, Duluth, Minn. Casting diamond core drill bits. 2,147,843; Feb. 21.

James, Bill, Miami, Okla. Box. 2,144,978; Jan. 24.

James, Bill, Miami, Okla. Box. 2,144,979; Jan. 24.

James, Charles F., and J. H. Buckley, Beards Fork, and S. D. Buckley, Alloy, W. Va. Three-way switch. 2,149,699; Mar. 7.

James, Cyril H. (See Ricks, F. Boothroyd, and James.)

James, Francis M., Leon, assignor of twenty-four per cent to W. A. Wylie, and twenty-four per cent to M. Niles, Wichita, Kans. Branding tool. 2,177,180; Oct. 24.

James, Frederick S. (See Mayer, M. B., and James.)

James, Henry D. (See Rugg, W. S., and James.)

James, Herman B., Los Angeles, Calif. Bedclothes adjuster. 2,177,986; Oct. 31.

James, Joseph H., Pittsburgh, assignor to C. P. Byrnes, Sewickley, Pa., trustee. Resinification of oxidized terpene hydrocarbons. 2,180,418; Nov. 21.

James, Lewis A., assignor to The James Washer Company, Inc., Independence, Kans. Agitator. 2,164,277; June 27.

James Manufacturing Company. (See Markey, George T., assignor.)

James Mfg. Co. (See Olson, John B., assignor.)

James Manufacturing Company. (See Willett, William M., assignor.)

James Mfg. Co. (See Willett, W. M., and Markey, assignors.)

James River Paper Products, Inc. (See Hayes, Charles T., assignor.)

James, Robert F., Mahwah, N. J., and E. B. Baker, Detroit, Mich., assignors, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Radiating apparatus. 2,162,505; June 13.

James, Robert F., Mahwah, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Treatment of meat and the product thereof. 2,169,081; Aug. 8.

James Washer Company, The. (See James, Lewis A., assignor.)

James, William G., West Middlesex, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transformer tank structure. 2,151,770; Mar. 28.

James, William H. (See Berger, H. G., James, and Badertscher.)

James, William H. (See Crandall, G. S., and James.)

James, William H. (See Moran, R. C., and James.)

James, William H. (See Moran, R. C., James, and Fuller.)

James, William H., Paulsboro, R. C. Moran, Wenonah, and W. L. Evers, Moorestown, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Lubricating oil. 2,146,543; Feb. 7.

James, William H., Paulsboro, R. C. Moran, Wenonah, and E. M. Nygaard, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Diesel fuel. 2,177,719; Oct. 31.

Jameson, Arthur M. C. (See Hodgkins, A. F., and Jameson.)

Jameson, Clarence W., Lombard, assignor to Atlas-Ometer Co., Chicago, Ill. Enclosed arc lamp. 2,152,763; Apr. 4.

Jameson, John B. (See Matson, Carl A., assignor.)

Jamieson, C. E., & Company. (See Melton, Henry E., assignor.)

Jamieson, Harold, Schenectady, N. Y., assignor to General Electric Company. Control system. 2,177,489; Oct. 24.

Jamieson, James L., Barberton, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Purification of caustic. 2,155,269; Apr. 18.

Jamieson, Joseph, Rozelle, Sydney, assignor to The Tool & Engineering Co. Pty. Ltd., Glebe, Sydney, Australia. Apparatus for cutting sheet metal or other sheet material. 2,145,725; Jan. 31.

Jamison, Claude T., assignor to W. F. Kramer, Alton, Ill. Clothes wringer. 2,160,363; May 30.

Jamison Cold Storage Door Co. (See Leonard, David C. E., assignor.)

Jamison Cold Storage Door Company. (See Leonard, D. C. E., and Jamison, assignors.)

Jamison, John V., Jr. (See Leonard, D. C. E., and Jamison.)

Jammer, Jacob S. (See Stockton, K. E., and Jammer.)

Janalene, Inc. (See Present, Mortimer T., assignor.)

Jancke, Hans, and R. Rompe, Berlin, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,152,996; Apr. 4.

Jancke, Hans, Berlin, and M. Reger, Berlin-Charlottenburg, Germany, assignors to General Electric Company. Electric lamp and similar device. 2,156,988; May 2.

Janda, Rudolph W., Berwyn, assignor to Fairbanks, Morse & Co., Chicago, Ill. Washing machine agitator. 2,159,271; May 23.

Jandos, Charles B., Craig, Colo. Electrode holder. 2,151,552; Mar. 21.

Jandus, Herbert S., assignor, by mesne asisgnments, to Houdaille-Hershey Corporation, Detroit, Mich. Bumper structure. 2,157,825; May 9.

Jandus, Herbert S., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Automobile lock. 2,158,455; May 16.

Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Friction brake lever. 2,173,255; Sept. 19.

Jandus, Herbert S., and C. F. Purdy, assignors, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Brake lever release mechanism. 2,146,121; Feb. 7.

Jandus, Herbert S., and H. L. Brooke, assignors, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Trailer hitching. 2,151,920; Mar. 28.

Jandus, Herbert S., Detroit, Mich., and R. A. Sandberg, Waukegan, Ill., assignors, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Brake lever construction. 2,159,799; May 23.

Jandus, Herbert S., and Charles F. Purdy, assignors, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Brake lever construction. 2,170,900; Aug. 29.

Jandus, Herbert S., and H. Buchanan, assignors to Houdaille-Hershey Corporation, Detroit, Mich. Bumper guard. 2,173,276; Sept. 19.

Janes, Emil. (See Herodes, V., and Janes.)

Janes, Clinton S., Elmira, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Engine starter drive. 2,142,942; Jan. 3.

Janes, Clinton S., Elmira, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Engine starter drive. 2,167,891; Aug. 1.

Janes, Joseph, Somerville, Mass. Convertible furniture. 2,149,120; Feb. 28.

Janes, Ralph R., Roanoke, Va. Random dyeing machine for yarn. 2,182,752; Dec. 5.

Janes, Robert B., Rutherford, N. J., assignor by mesne assignments, to Radio Corporation of America, New York, N. Y. Television transmitting tube and electrode structure. 2,171,213; Aug. 29.

Janetschke, Erwin, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulator system for parallel operation of commutator rectifiers. 2,155,090; Apr. 18.

Janetschke, Erwin, Berlin-Charlottenburg, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Device for the conversion of electric currents or potentials by means of periodically actuated switching contacts. 2,169,560; Aug. 15.

Janetschke, Erwin, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Conversion system. 2,182,628; Dec. 5.

Janeway, Price W., Jr., Media, Pa., assignor to B. Chance, Mantoloking, N. J. Control system. 2,182,696; Dec. 5.

Janeway, Robert N., assignor to Chrysler Corporation, Detroit, Mich. Combustion chamber. 2,151,428; Mar. 21.

Janeway, Robert N., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Vehicle draft means. 2,170,924; Aug. 29.

Janeway, Robert N., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Railway vehicle. 2,174,324; Sept. 26.

Janeway, Robert N., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Balancing apparatus and method. 2,177,830; Oct. 31.

Janhunen, Erkki J., Karihaara, Kemi, Finland. Method of and apparatus for recovering chemicals from cellulose waste liquor. 2,181,330; Nov. 28.

Jänicke, Hermann, Lochham, near Munich, Germany. Operation of internal combustion engines. 2,167,951; Aug. 1.

Janisch, Leopold, deceased, Berlin, Germany, by W. A. Dodge, administrator, Schenectady, N. Y., assignor to General Electric Company. Electric braking system. 2,148,297; Feb. 21.

Janke, Albert W., Iowa Falls, assignor to L. C. Perkins, Belmond, Iowa. Display device. 2,185,086; Dec. 26.

Janke, William, et al. (See Paul, Leonard B.)

Janline Tile Company. (See Jansen, Henry, assignor.)

Jann, Kurt, Berlin-Charlottenburg, and H. Roland, Berlin-Steglitz, assignors to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Automatic control device for vehicles. 2,167,421; July 25.

Janowitz, Arnold, Berlin, Germany. Display device. 2,148,624; Feb. 28.

Janowski, Henry M., South Bend, Ind., assignor to Peco Manufacturing Corporation, Philadelphia, Pa. Apparatus for making incisions. 2,178,665; Nov. 7.

Jansen, Cecelia S., Los Gatos, Calif. Adjustable measuring cup. 2,157,262; May 9.

Jansen, Cornelis G., Arnhem, Netherlands, assignor to American Enka Corporation, Enka, N. C. Device for use in the manufacture of artificial silk. 2,177,322; Oct. 24.

Jansen, Edward G., Sheboygan, Wis. Preparing a food product. 2,176,347; Oct. 17.

Jansen, Henry, assignor to Janline Tile Company, Inc., Chicago, Ill. Tile making machine. 2,153,307; Apr. 4.

Janssen, Anna D. W., Crete, Nebr. Quilting frame stand. 2,177,720; Oct. 31.

Janssen, Henry, assignor to Textile Machine Works, Wyomissing, Pa. Yarn tensioning for knitting machines. 2,143,485; Jan. 10.

Janssen, Henry, assignor to Textile Machine Works, Wyomissing, Pa. Textile machine yarn conditioner. 2,166,548; July 18.

Janssen, Johann. (See Heinrich, H., Janssen, and Fiedler.)

Janssen, Johann F. (See Voit, W., and Janssen.)

Janssen, Johann F., Stuttgart, Germany, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung. Fuel delivery apparatus for injection internal combustion engines. 2,157,737; May 9.

Janssen, Wesley, Forreston, Ill. Ice creeper. 2,143,319; Jan. 10.

Jan Voogd, Herman G., Hengelo, Netherlands, assignor to R. J. Montgomery, Chicago, Ill. Wire stripper hand tool. 2,179,581; Nov. 14.

Janz, Franzjakob, Freiburg in Breisgau, Germany. Cold sealing mass. 2,142,193; Jan. 3.

Janzen, Otto, Berlin-Hermsdorf, assignor of one-third to Pollopas Patents Ltd., London, England, and two-thirds to W. Agulnik, Berlin-Dahlem, Germany. Display apparatus. 2,151,600; Mar. 21.

Japolsky, Nicholas, Highgate, London, England. Electric transmission system. 2,168,032; Aug. 1.

Jarchow, Otto, Scheessel, Germany. Dust pan and collector. 2,164,407; July 4.

Jardine, Frank, Cleveland, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Piston. 2,142,272; Jan. 3.

Jardine, Louise S., administratrix. (See Jardine, Robert.)

Jardine, Robert, deceased; by L. S. Jardine, administratrix, Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Valve for internal combustion engines. 2,157,610; May 9.

Jardot, Albert. (See Shatto, A., and Jardot.)

Jares, Joseph, Brooklyn, N. Y. Incineration of smoke and industrial fumes. 2,177,258; Oct. 24.

Jargick, Peter P., West Chicago, Ill., assignor to Electric Tamper & Equipment Company, Ludington, Mich. Ballast working implement and method. 2,155,713; Apr. 25.

Jarmin, James B., Dallas, Tex., assignor, by mesne assignments, to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Road machine. 2,143,225; Jan. 10.

Jarmin, James B., and T. P. Moore, Dallas, Tex. Trailer. 2,173,277; Sept. 19.

Jarnak, Niels P. R., Hillerod, Denmark. Earcap for telephone receivers. 2,153,044; Apr. 4.

Jaros, Otto, Cicero, assignor of one-half to W. J. Gilbert, Chicago, Ill. Furnace construction. 2,147,946; Feb. 21.

Jarosik, Andrew J. (See Haberstump, A. H., and Jarosik.)

Jaross, Paul. (See Döme, R., and Jaross.)
Jarreau, Joseph A., and U. J. Roch, New Orleans, La. Time limit switch. 2,173,418; Sept. 19.
Jarrett, George T., East Cleveland, Ohio, assignor to I. Saks. Clutch plate. 2,151,515; Mar. 21.
Jarrett, Tracy C. (See Splaine, E. M., and Jarrett.)
Jarrett, Thomas, Seattle, Wash. Easel. 2,142,317; Jan. 3.
Jarry, Albert G., Paris, France. Motored clock. 2,169,647; Aug. 15.
Jarvis, Frank J., assignor to George Blackburn and Sons Limited, Nottingham, England. Manufacture of patterned fabrics on circular knitting machines which are adapted to produce interlock fabrics. 2,169,801; Aug. 15.
Jarvis, Kenneth W., Chicago, Ill. Method and apparatus for radio reception. 2,166,298; July 18.
Jarvis, Kenneth W., New Rochelle, and R. M. Blair, Teaneck, assignors to Radio Corporation of America, New York, N. Y. Electron tube circuits. 2,151,771; Mar. 28.
Jarvis, Kenneth W., Norwalk, and R. M. Blair, Westport, Conn., assignors to Radio Corporation of America, New York, N. Y. Superheterodyne detector. 2,178,995; Nov. 7.
Jarvis, Kenneth W., Norwalk, and R. M. Blair, Westport, Conn., assignors to Radio Corporation of America, New York, N. Y. Oscillation generator. 2,182,870; Dec. 12.
Jarvis, W. B., Company. (See Andrie, Michael B., assignor.)
Jarvis, W. B., Company. (See Dey, George E., assignor.)
Jasberg, Onni J., Kellogg, Idaho. Pumping system. 2,181,973; Dec. 5.
Jaskey, Leo L., assignor to The Studebaker Corporation, South Bend, Ind. Battery supporting means. 2,155,941; Apr. 25.
Jaskowiak, Andrew J. (See Cherry, A. J., and Jaskowiak.)
Jaspers, Bernhard, Mannheim-Kafertal, Germany. Electric heating system operating by heat radiation. 2,165,970; July 11.
Jauch, Eugen, Berlin-Siemensstadt, and E. Wochinger, Berlin, assignors to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Automatic telephone system. 2,183,839; Dec. 19.
Jauch, John A., and A. Hocking, Indianapolis, Ind. Wire stretcher. 2,146,629; Feb. 7.
Jauch, Robert J. (See Farnham, I. R., and Jauch.)
Jauch, Robert J., F. W. Sturm, and W. M. Griffin; W. Shambaugh and F. J. Travers, coexecutors of W. M. Griffin, deceased, assignors to The Wayne Pump Company, Fort Wayne, Ind. Liquid dispensing apparatus. 2,157,087; May 2.
Jauch, Robert J., W. G. Polhamus, and R. H. Arnold, assignors to The Wayne Pump Company, Fort Wayne, Ind. Liquid dispensing apparatus. 2,160,459; May 30.
Jauch, Robert J., F. W. Sturm, S. Hinds, and E. J. Thompson, assignors to The Wayne Pump Company, Fort Wayne, Ind. Liquid dispensing apparatus. 2,172,065; Sept. 5.
Jauss, August C. (See Moore, C. B., and Jauss.)
Jaworowski, Joseph F., Cleveland, Ohio. Power transmission and speed reducer. 2,158,327; May 16.
Jaworowski, Joseph F., Cleveland, Ohio. Rotary pump. 2,183,571; Dec. 19.
Jaxheimer, William H. (See Drum, H. S., Dodson, and Jaxheimer.)
Jaxon Farm Equipment Company. (See Martin, James M., assignor.)
Jaxon, George S., Chicago, Ill., assignor to Link-Belt Company. Apparatus for screening and loading coal. 2,150,717; Mar. 14.
Jay, Edward G. (See Bailey, G. B., and Jay.)
Jay, Webb, Miami Beach, Fla. Steering control attachment. 2,143,271; Jan. 10.
Jay, William R., Jackson, Mich. Garment. 2,153,838; Apr. 11.
Jayet, Albert C. (See Benson, R. F., Bauer, and Jayet.)
Jaymar Specialty Company. (See Brown, Roy M., assignor.)
Jayne, David W., Jr. (See Christmann, L. J., and Jayne.)
Jayne, David W., Jr., Elizabeth, N. J., assignor to American Cyanamid Company, New York, N. Y. Parasiticide. 2,145,214; Jan. 24.
Jayne, David W., Jr., Elizabeth, N. J., assignor to American Cyanamid Company, N. Y. Composition of matter useful for mothproofing. 2,157,854; May 9.
Jayne, David W., Jr., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Preparing melamine. 2,180,295; Nov. 14.
Jayne, David W., Jr., Old Greenwich, and A. E. Anderson, New Canaan, Conn., assignors to American Cyanamid Company, New York, N. Y. Substituted biguanides as flotation reagents. 2,180,926; Nov. 21.
Jayne, John K. (See Page, F. L., and Jayne.)
Jean, Bernard H., Bay City, Mich. Attachment for electric razors. 2,164,820; July 4.
Jean, James W., Pasadena, Calif. Motor fuel. 2,179,151; Nov. 7.
Jean, James W., Pasadena, Calif. Fermentative production of solvents from garbage. 2,182,989; Dec. 12.
Jecusco, Mark A., Forest Hills, Long Island, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Single dose collapsible tube. 2,173,627; Sept. 19.
Jedlicka, Louis J., Cleveland, Ohio. Running gear. 2,174,465; Sept. 26.
Jedrychowski, Jerzy, assignor to Panstwowe Zaklady Tele-i Radjotechniczne W. Warszawie, Warsaw, Poland. Telephone system. 2,152,889; Apr. 4.
Jeffay, Louis S., Chorlton-on-Medlock, Manchester, England. Stand or holder for a preserve dish or jar or like container for table use. 2,158,626; May 16.
Jefferis, Albert W., Jr., assignor of one-half to E. H. Wilson, Omaha, Nebr. Dentiphone. 2,161,169; June 6.
Jeffers, Harry I., Montgomery, Ala. Filing device. 2,169,953; Aug. 15.
Jeffers, Walter M., assignor to Crouse-Hinds Company, Syracuse, N. Y. Traffic signal system. 2,166,721; July 18.
Jefferson Electric Company. (See Mauerer, Leopold, assignor.)
Jefferson, Emmett, New York, N. Y. Heater for beauty parlor tools. 2,150,063; Mar. 7.
Jefferson, Frank A., St. Petersburg, Fla. Wick. 2,145,878; Feb. 7.
Jefferson Island Salt Mining Company. (See Segura, Marnell, assignor.)
Jefferson, Roswell C. (See Simonds, W. J., and Jefferson.)
Jeffery, James H., and C. B. Matt, assignors to Plaskon Company, Incorporated, Toledo, Ohio. Apparatus for conveying particulate materials. 2,157,339; May 9.
Jeffree, John H., Bray-on-Thames, assignor to Scophony Limited, London, England. Light modulating device. 2,155,659; Apr. 25.
Jeffree, John H., Oxshott, assignor to Scophony Limited, London, England. Light modulating device. 2,155,660; Apr. 25.
Jeffree, John H, Oxshott, assignor to Scophony Limited, London, England. Light modulating device. 2,155,661; Apr. 25.
Jeffree, John H., Oxshott, assignor to Scophony Limited, Campden Hill, London, England. Television and the like system. 2,161,299; June 6.
Jeffrey, Benjamin A., assignor, by mesne assignments, to Champion Spark Plug Company, Toledo, Ohio. Method of and apparatus for molding materials. 2,152,738; Apr. 4.
Jeffrey, Clarence L., Fairfield, assignor of one-half to W. P. Mautz, Lebanon, Ill. Cutting blade. 2,184,045; Dec. 19.
Jeffrey, M. L., Corporation, The. (See Jeffrey, Max L., assignor.)
Jeffrey Manufacturing Company, The. (See Arms, G. L., and McGovern, assignors.)
Jeffrey Manufacturing Company, The. (See Bauroth, Walter J., assignor.)
Jeffrey Manufacturing Company, The. (See Bird, B. M., and Haworth, assignors.)
Jeffrey Manufacturing Company, The. (See Briggs, Robert E., assignor.)
Jeffrey Manufacturing Company, The. (See Jeffrey, Robert K., assignor.)
Jeffrey Manufacturing Company, The. (See Levin, Nils D., assignor.)
Jeffrey Manufacturing Company, The. (See Mitchell, Lewis E., assignor.)
Jeffrey Manufacturing Company, The. (See Nichols, Richard D., assignor.)
Jeffrey Manufacturing Company, The. (See Tolman, Samuel L., assignor.)
Jeffrey Manufacturing Company, The. (See Whitney, Paul V., assignor.)
Jeffrey, Max L., Shaker Heights, assignor to The M. L. Jeffrey Corporation, Cleveland, Ohio. Electromagnetic circuit breaker. 2,169,477; Aug. 15.
Jeffrey, Max L., Shaker Heights, assignor, by mesne assignments, to The M. L. Jeffrey Corporation, Cleveland, Ohio. Circuit breaker. 2,181,829; Nov. 28.
Jeffrey, Robert K., Bexley, Ohio, assignor to The Jeffrey Manufacturing Company. Drilling machine. 2,159,087; May 23.
Jeffrey, Robert K., Bexley, Ohio, assignor to The Jeffrey Manufacturing Company. Drilling machine switch. 2,159,088; May 23.
Jeffrey, Robert K., Bexley, Ohio, assignor to The Jeffrey Manufacturing Company. Drilling machine switch. 2,159,089; May 23.
Jeffreys, Charles R., McKeesport, Pa. Safety shield. 2,165,142; July 4.
Jeffreys, Sidney T., and H. J. Petty, assignors to Photosculpture Limited, Newport, England. Photosculpture. 2,163,124; June 20.
Jeffreys, Sidney T., and H. J. Petty, assignors to Photosculpture Limited, Newport, England. Photosculpture. 2,163,125; June 20.
Jeffries, John C., Angola, Ind. Fishing reel. 2,176,424; Oct. 17.
Jeffries, John J., and H. C. Knoblock, Baltimore, Md. Bottle and stopper grinding machine. 2,154,681; Apr. 18.
Jeffries, Schuyler A., assignor to The Studebaker Corporation, South Bend, Ind. Semicab forward. 2,174,267; Sept. 26.
Jelen, Fredrick C., Anniston, Ala., assignor, by mesne assignments, to Monsanto Chemical Company. Manufacture of tetra alkali-metal pyrophosphate and chlorine. 2,167,757; Aug. 1.
Jelenko, J. F., & Co. (See Berger, Herbert R., assignor.)

Jelinek, Alfred F. (See Gross, W. E., and Jelinek.)
Jelinek, Alfred F., and W. E. Gross, assignors to The Cleveland Automatic Machine Company, Cleveland, Ohio. Indexing mechanism for automatic screw machines. 2,157,958; May 9.
Jelinek, Otto K., Chicago, Ill. Defining roadways. 2,182,697; Dec. 5.
Jellinek, Karl, Offenbach-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Producing water-insoluble azo dyestuffs on the fiber and dyeing preparations therefor. 2,175,806; Oct. 10.
Jellinek, Samuel, St. Louis, Mo. Dental plate cleanser. 2,160,149; May 30.
Jeming, Joseph. (See Guilday, J. W., and Jeming.)
Jencick, Stephen, Chagrin Falls, Ohio. Fuel injection pump for Diesel motors. 2,143,698; Jan. 10.
Jend, Henry W. G., Grosse Pointe Park, Mich. Fishhook cover. 2,165,708; July 11.
Jenkins Bros. (See Gora, Henry, assignor.)
Jenkins Bros. (See Gora, Henry Z., assignor.)
Jenkins Bros. (See Lee, B. J., and Gora, assignors.)
Jenkins, Cecil, Tulsa, Okla., assignor to Lee C. Moore & Company, Inc., Pittsburgh, Pa. Spool arm. 2,143,734; Jan. 10.
Jenkins, Charles M. (See Walker, R. M., Jenkins, and Strong.)
Jenkins, Charles R., Parma, Mich. Measuring instrument. 2,154,621; Apr. 18.
Jenkins, Edward M., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Joint-closing member and making the same. 2,167,550; July 25.
Jenkins, Elsworth H., North Bend, Wash. Shingle making or wood shake cutting machine. 2,183,479; Dec. 12.
Jenkins, Fredrick T., Seattle, Wash. Retort door. 2,171,876; Sept. 5.
Jenkins, George O., Company. (See Kimball, Richard H., assignor.)
Jenkins, George O., Company. (See Richter, Herman W., assignor.)
Jenkins, Henry A., Fayetteville, N. C. Display fixture. 2,163,093; June 20.
Jenkins, Henry G., Pinner, J. W. Ryde, London, and G. H. Wilson, Wembley Park, Middlesex, England, assignors to General Electric Company. High-pressure metal vapor electric discharge lamp. 2,177,712; Oct. 31.
Jenkins, Howard W., Henderson, Ky. Pencil sharpener. 2,152,412; Mar. 28.
Jenkins, James M., assignor to Andale Company, Philadelphia, Pa. Heat transfer apparatus. 2,173,169; Sept. 19.
Jenkins, James M., assignor to Andale Company, Philadelphia, Pa. Heat exchange equipment. 2,181,486; Nov. 28.
Jenkins, Paul W. (See Young, J. H., and Jenkins.)
Jenkins Petroleum Process Company. (See Jenkins, Ulysses S., assignor.)
Jenkins, Russell L., Anniston, Ala., assignor, by mesne assignments, to Monsanto Chemical Company. Separation of aminodiphenyls. 2,149,525; Mar. 7.
Jenkins, Russell L., Anniston, Ala., assignor, by mesne assignments, to Monsanto Chemical Company. Purification of aryl amines. 2,153,960; Apr. 11.
Jenkins, Tazewell H., Chicago, Ill. Aircraft construction. 2,152,053; Mar. 28.
Jenkins, Tazewell H., Chicago, Ill. Carrier for bottles or other objects. 2,160,662; May 30.
Jenkins, Tazewell H., Chicago, Ill. Display device and holder for neckties. 2,177,181; Oct. 24.
Jenkins, Ulysses S., St. Louis, Mo., assignor, by mesne assignments to Jenkins Petroleum Process Company, Chicago, Ill. Distilling. 2,167,211; July 25.
Jenkins, Vance N., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Separating oil and wax. 2,164,013; June 27.
Jenkins, Wayne E., assignor to Domestic Manufacturing Company, Inc., Los Angeles, Calif. Automatic safety device. 2,179,633; Nov. 14.
Jenkins, William R., Charlottetown, Prince Edward Island, assignor of one-half to P. W. Ellis, Summerside, Prince Edward Island, Canada. Animal tongs. 2,183,480; Dec. 12.
Jenks, George S., Pittsburgh, Pa. Shipping tin plate. 2,166,594; July 18.
Jenks, Harry N., Berkeley, Calif. Apparatus for biologic purification of liquids. 2,168,208; Aug. 1.
Jenks, Harry N., Berkeley, Calif., assignor to The Carborundum Company, Niagara Falls, N. Y. Water treatment. 2,154,167; Apr. 11.
Jenks, Ransaeller J., Lewiston, Idaho. Rotating clothes drier. 2,159,436; May 23.
Jennens, Walter S., and C. J. Miller, Jr., Barberton, assignors to The Ohio Brass Company, Mansfield, Ohio. Electrical measuring apparatus. 2,146,073; Feb. 7.
Jenner, Ralph L., assignor to Lapp Insulator Company, Inc., Le Roy, N. Y. Insulator construction. 2,144,537; Jan. 17.
Jennerich, Balthasar, Cologne, Germany. Insect trap. 2,167,978; Aug. 1.
Jenness, Leslie G., Brooklyn, N. Y., assignor to Intermetal Corporation, Newark, N. J. Controlling the plasticity of hydrogenated glyceride oil. 2,154,452; Apr. 18.
Jenness, Leslie G., Brooklyn, N. Y., assignor to Intermetal Corporation, Newark, N. J. Catalyst for and process of selectively carrying out catalytic reactions. 2,163,602; June 27.
Jenness, Leslie G., Englewood, assignor to Intermetal Corporation, Newark, N. J. Hydrogenation. 2,163,603; June 27.
Jenness, Leslie G., Englewood, assignor to Intermetal Corporation, Newark, N. J. Hydrogenated oil product. 2,164,291; June 27.
Jenness, Leslie G., Englewood, assignor to Intermetal Corporation, Newark, N. J. Producing hydrogen. 2,164,292; June 27.
Jennings, Andrew B. (See Middleton, E. B., and Jennings.)
Jennings, Andrew B., New Brunswick, and E. B. Middleton, Metuchen, N. J., assignors to Du Pont Film Manufacturing Corporation, New York, N. Y. Photographic color-forming developer and emulsion. 2,184,303; Dec. 26.
Jennings, Chester S., Syracuse, N. Y., and F. W. Gerard, Dayton, Ohio, assignors to The Lamson Company, Syracuse, N. Y. Drying materials. 2,150,445; Mar. 14.
Jennings, Chester S., Syracuse, N. Y., and F. W. Gerard, Dayton, Ohio, assignors to The Lamson Company, Syracuse, N. Y. Treatment of leather. 2,152,312; Mar. 28.
Jennings, Gerald P. (See Gibbs, L. T., and Jennings.)
Jennings, Gerald P., Bartlesville, Okla., assignor to Phillips Petroleum Company. Gas-lift pump. 2,142,484; Jan. 3.
Jennings, Harry C. (See Everest, H. A., and Jennings.)
Jennings, Howard C., Lufkin, assignor of forty per cent to J. G. Donovan, Houston, Tex. Headlight construction. 2,169,531; Aug. 15.
Jennings, Irving C., South Norwalk, Conn. Control mechanism for steam heating systems. 2,162,952; June 20.
Jennings, Irving C., South Norwalk, Conn. Heat control apparatus. 2,176,001; Oct. 10.
Jennings, Irving C., South Norwalk, Conn. Heat control apparatus. 2,176,002; Oct. 10.
Jennings, Jarvis S., Jr., assignor to Monarch Governor Company, Detroit, Mich. Spark control mechanism. 2,183,747; Dec. 19.
Jennings, Oliver S., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,170,412; Aug. 22.
Jennings, Paul F., Alhambra, Calif. Well fishing tool. 2,181,187; Nov. 28.
Jennings, Samuel, Jr., Masury, Ohio. Manufacturing refrigerant plates. 2,142,513; Jan. 3.
Jennings, William A., assignor to Economy Forms Corporation, Des Moines, Iowa. Mold form for circular concrete walls. 2,151,210; Mar. 21.
Jennings, William F., Worthing, England Air or gas compressor. 2,155,551; Apr. 25.
Jenny, Alexander, Berlin-Charlottenburg, N. Budiloff, Berlin-Friedenau, H. Becker, Berlin-Siemensstadt, and K. Anton, Berlin-Charlottenburg, Germany. Photographic reproduction. 2,184,599; Dec. 26.
Jenny, Cletus J., East Orange, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Diaphragm device. 2,162,308; June 13.
Jenny, Cletus J., East Orange, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Temperature compensated indicating instrument. 2,166,595; July 18.
Jensen, Aage, Phillips, Wis. Windshield. 2,166,108; July 18.
Jensen, Arthur E., Anaheim, Calif. Hair clipper. 2,146,298; Feb. 7.
Jensen, Charles, Evanston, Ill. Humidifier. 2,158,543; May 16.
Jensen, Christian B., Minneapolis, Minn. Snow plow. 2,143,699; Jan. 10.
Jensen, Christian W. (See McKinney, L. J., and Jensen.)
Jensen Creamery Machinery Company. (See Cornell, Fritz F., Jr., assignor.)
Jensen, Donald G., Cincinnati, assignor to The Hobart Manufacturing Company, Troy, Ohio. Flour sifting machine. 2,166,438; July 18.
Jensen, Frithjoff. (See Severin, Carl E., assignor.)
Jensen, Harry K., Oakland, Calif. Listing apparatus. 2,174,088; Sept. 26.
Jensen, James A., and R. B. Ziegler, assignors to Quaker City Iron Works, Philadelphia, Pa. Distributor control valve for tank vehicles. 2,160,741; May 30.
Jensen, John, assignor to Whitney Metal Tool Company, Rockford, Ill. Joint and making same. 2,151,032; Mar. 21.
Jensen, John, assignor to Whitney Metal Tool Company, Rockford, Ill. Portable bending brake. 2,181,566; Nov. 28.
Jensen, John P., Ashland, Wis. Cabinet ironing board. 2,160,435; May 30.
Jensen, Joseph W., assignor to Electric Household Utilities Corporation, Chicago, Ill. Clothes drier. 2,156,784; May 2.
Jensen, Joseph W., assignor to Electric Household Utilities Corporation, Chicago, Ill. Cabinet construction. 2,172,614; Sept. 12.
Jensen, Karl E., assignor to Industrial Gloves Corporation, Danville, Ill. Hand protector. 2,142,788; Jan. 3.

Jensen, Lloyd B. (See Urbain, W. M., and Jensen.)
Jensen, Louis, Chicago, Ill., assignor to United Autographic Register Co. Feeding and aligning mechanism for a cutting device. 2,180,903; Nov. 21.
Jensen, Orla V., assignor to J. Grand, Copenhagen, Denmark. Preventing the infection of milk. 2,143,947; Jan. 17.
Jensen, Otto M., T. Whitley, and F. T. Wruk, assignors to Peerless Machine Company, Racine, Wis. Fluid pressure work feed. 2,144,335; Jan. 17.
Jensen, Richard C., Scotia, N. Y., assignor to General Electric Company. Superregenerative detector circuit. 2,160,663; May 30.
Jensen, Roy E., Topanga Canyon, assignor of one-fourth to C. Edwards, West Hollywood, and one-fourth to M. L. Murrell, Santa Monica, Calif. Position-locating apparatus. 2,169,532; Aug. 15.
Jensen-Salsbery Laboratories, Inc. (See Austin, James A., assignor.)
Jensen, Sigvard H., Detroit, Mich. Exercising machine. 2,152,431; Mar. 28.
Jensen, Thormod, Laurelton, N. Y., assignor to American Machine & Foundry Company. Outsert attachment. 2,156,241; Apr. 25.
Jensen, Thormod, Laurelton, N. Y., assignor to American Machine and Foundry Company. Index device. 2,181,432; Nov. 28.
Jensen, Walter D., Grant, Nebr. Chemical treatment of fuel. 2,146,742; Feb. 14.
Jenson, Kenneth S., assignor to American Gas Machine Company, Incorporated, Albert Lea, Minn. Oil pilot device. 2,162,844; June 20.
Jeppsson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Motor control mechanism. 2,144,733; Jan. 24.
Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Combined motor and speed control device. 2,144,734; Jan. 24.
Jepson, Ivar, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Electric motor. 2,165,858; July 11.
Jepson, Ivar, Oak Park, Ill., assignor, by mesne assignments, to Graham Transmissions, Inc., Wilmington, Del. Variable speed transmission. 2,178,395; Oct. 31.
Jepson, Ivar, and P. A. Chamberlain, assignors to Chicago Flexible Shaft Company, Chicago, Ill. Mixer motor unit. 2,182,083; Dec. 5.
Jepson, James A., Decatur, Ga., assignor to Decatur Associates. Variable speed drive. 2,161,054; June 6.
Jepson, James A., Decatur, Ga. Belt. 2,177,410; Oct. 24.
Jerabek, Ben D., Hutchinson, Minn. Hoisting apparatus. 2,153,803; Apr. 11.
Jereckez, Viktor, Weissensee, near Berlin, Germany. Milling machine. 2,145,355; Jan. 31.
Jeremiah, Charles W., Cincinnati, Ohio. Jacking attachment. 2,175,776; Oct. 10.
Jeremiassen, Finn, assignor to Aktieselskapet Krystal, Oslo, Norway. Apparatus and method for treating granular materials with flowing liquids. 2,164,111; June 27.
Jeremiassen, Finn, assignor to Aktieselskapet Krystal, Oslo, Norway. Crystallization process. 2,164,112; June 27.
Jerram, Arthur E., and C. C. Sheffield, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Leveling machine. 2,143,071; Jan. 10.
Jerrell, Joseph H. and J. M., Jr., New Orleans, La. Multiple double action connecting rod and crankpin assembly. 2,179,185; Nov. 7.
Jerrell, Joseph M., Jr. (See Jerrell, Joseph H. and J. M., Jr.)
Jeschor, Paul, Breslau, Germany. Boring machine gauge. 2,156,500; May 2.
Jeschor, Paul, Breslau, Germany. Apparatus for boring crank case bearings. 2,170,054; Aug. 22.
Jesnig, Charles J., assignor of one-half to T. G. Alteneder, Philadelphia, Pa. Bottle closure. 2,173,570; Sept. 19.
Jesnig, Charles J., assignor of one-half to T. G. Alteneder, Philadelphia, Pa. Valve for vacuum pack closures. 2,173,571; Sept. 19.
Jesnig, Charles J., Newtown Square, Pa. Bathtub slipper. 2,179,124; Nov. 7.
Jespersen, Helgo W., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Metal bending apparatus. 2,143,416; Jan. 10.
Jessen, Arnold H., Los Angeles, Calif. Variable speed power transmission device. 2,152,739; Apr. 4.
Jessen, Arnold H., Los Angeles, Calif. Power-transmission mechanism. 2,161,473; June 6.
Jessen, Arnold H., Los Angeles, Calif. Transmission synchronizer and gear lock-up. 2,169,495; Aug. 15.
Jessen, Arnold H., Los Angeles, Calif. Selective control mechanism for automobile transmissions. 2,175,940; Oct. 10.
Jessen, John D., O'Hara Township, Allegheny County, assignor to Blaw-Knox Company, Blawnox, Pa. Movable form for dams or the like. 2,162,220; June 13.
Jesser, Albert E., assignor to A. G. Jesser Vandergrift, Pa. Method of and apparatus for abrasive treatment of metal sheets and the like. 2,173,364; Sept. 19.
Jesser, Annabelle G. (See Jesser, Albert E., assignor.)
Jessup, William R., Minneapolis, Minn. Float switch. 2,153,421; Apr. 4.
Jester, John W. (See Pittinger, P. S., and Jester.)
Jester, Ralph T., Hollywood, Calif. Hobbyhorse. 2,173,536; Sept. 19.
Jett, George C. (See Jett, Robert M. and G. C.)
Jett, Marvin C. (See Bellamy, G. E., and Jett.)
Jett, Robert M. and G. C., Milwaukee, Wis. Power transmission mechanism. 2,178,859; Nov. 7.
Jetter, R. and S., Co. (See Sparling, Frank K., W. D., and A. E., assignors.)
Jewel, Paul W., and J. R. Pratt, assignors to Max Factor & Co., Los Angeles, Calif. Dyestuff and making the same. 2,157,667; May 9.
Jewel, Paul W., and W. E. Bradley, assignors to Union Oil Company of California, Los Angeles, Calif. Insecticide and its preparation. 2,165,486; July 11.
Jewell, Bernard W., Dayton, Ohio, assignor, by mesne assignments, to Chrysler Corporation, Highland Park, Mich. Heat exchanger. 2,149,737; Mar. 7.
Jewell, Ira H., Evanston, Ill. Filter. 2,149,680; Mar. 7.
Jewell, Richard G., Lynn, Mass., assignor to General Electric Company. Telemeter transmitter. 2,184,347; Dec. 26.
Jewett, Clifford L., Minneapolis, assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Roofing granules. 2,164,329; July 4.
Jewett, Earold C., assignor to Eastman Kodak Company, Rochester, N. Y. Film forming apparatus. 2,161,356; June 6.
Jewett, Freeborn G., Lake Forest, Ill., assignor to American Can Company, New York, N. Y. Can carrier and display device. 2,145,879; Feb. 7.
Jewett, Freeborn G., Lake Forest, Ill., and M. V. Odquist, Hastings on Hudson, assignors to American Can Company, New York, N. Y. Display stand. 2,153,566; Apr. 11.
Jewett, Joseph E. (See Jaeger, A. O., and Jewett.)
Jewett, Maurice G. (See Welser, B., and Jewett.)
Jezek, Henry J. and L. F., Jr., Temple, Tex. Brake operator for trailers. 2,149,775; Mar. 7.
Jezek, Louis F., Jr. (See Jezek, Henry J. and L. F., Jr.)
Jiffy Manufacturing Company. (See Gerard, George A., assignor.)
Jig-Action Filters, Inc. (See Hurt, George F., assignor.)
Jiggers, Inc. (See Burrell, Ellis, assignor.)
Jimenez Lopez, César, Mexico D. F., Mexico. Shell type sluice gate. 2,168,825; Aug. 8.
Jimenez, Ramón C., Boston, Mass. Burglar catching device. 2,177,140; Oct. 24.
Jimerson, Francis A., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Locking device. 2,147,163; Feb. 14.
Jimerson, Francis A., and H. C. Reynolds, Athens, Pa., assignors to Ingersoll-Rand Company, Jersey City, N. J. Impact wrench. 2,160,150; May 30.
Jiranek, Josef, Greenwood Lake, N. Y. Rear-view mirror for eyeglasses. 2,175,896; Oct. 10.
Jirousek, Joseph F., assignor to The Chandler and Price Company, Cleveland, Ohio. Printing press. 2,158,701; May 16.
Jiskra, Zdeněk, Prague-Strasnice, Czechoslovakia. Automatic calendar. 2,146,340; Feb. 7.
Joa, Curt G., Inc. (See Joa, Curt G., assignor.)
Joa, Curt G., assignor to Curt G. Joa, Inc., Sheboygan Falls, Wis. Manufacturing sanitary napkins. 2,164,408; July 4.
Joa, Curt G., Sheboygan Falls, assignor to Curt G. Joa, Inc., Manitowoc, Wis. Propulsion mechanism for conveyers. 2,167,179; July 25.
Joa, Curt G., Inc. (See Joa, Curt G., assignor.)
Joachim, Herman L. (See Foster, J. P., and Joachim.)
Joachim, Herman L., San Francisco, Calif. Recovery of lime sludge. 2,178,586; Nov. 7.
Joal Manufacturing Corporation. (See Coventry, Joseph F., assignor.)
Jobe, Frederick W., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Apparatus for testing vision. 2,184,507; Dec. 26.
Jobson, John H., Mentone, Ala. Safety valve for hydraulic brakes. 2,149,295; Mar. 7.
Jobst, Conrad, assignor to The Toledo Automatic Brush Machine Company, Toledo, Ohio. Brush making machine. 2,176,672; Oct. 17.
Jobst, Gunther, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Indirectly heated cathode. 2,143,915; Jan. 17.
Jochum, Kurt, Frankfort-on-the-Main, H. Geier, Zittau, and K. Pauser, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Washing composition. 2,159,381; May 23.
Jodeiko, Alexander J., New York, N. Y. Cooling means for combustion turbines. 2,150,098; Mar. 7.
Jodoin, Adolph. (See Cunha, Anthony M., assignor.)
Joedicke, Fritz, Hamburg, Germany, assignor to Shell Development Company, San Francisco, Calif. Asphalt laying apparatus. 2,170,330; Aug. 22.
Joerns, Arnold. (See Herb, Ferdinand, assignor.)
Joers, Carl F., Los Angeles, Calif. Flashlight. 2,143,558; Jan. 10.
Joesting, Frederick D. (See Kronmiller, C. G., and Joesting.)
Joffe, Isaac. (See Shapiro, H., and Joffe.)
Johannes, Erich H. L., Audubon, N. J., assignor to Campbell Soup Company. Can-filling machine. 2,166,528; July 18.

Johannessen, Vaughn L., Cranford, and S. T. Swallow, Westfield, N. J., assignors to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,143,417; Jan. 10.
Johanning, Paul M., Milwaukee, Wis. Stone cutting machine. 2,152,193; Mar. 28.
Johannsen, Otto, assignor to Röchling'sche Eisen-und Stahlwerke Gesellschaft mit beschränkter Haftung, Volklingen, Saar, Germany. Deoxidation of steel baths. 2,173,205; Sept. 19.
Johannsen, Udo K., assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Folding table leg latch. 2,162,672; June 13.
Johansen, Einar K. (See Glasner, R. W., and Johansen.)
Johansen, Hans, Mantua, Ohio. Shock absorber. 2,152,740; Apr. 4.
Johansen, Harry C., Michigan City, Ind., assignor to Sullivan Machinery Company. Adjustable support. 2,183,867; Dec. 19.
Johanson, Carl H., assignor to O. S. Johanson, Los Angeles, Calif. Uniform glove skin stretch distributor and method. 2,144,585; Jan. 17.
Johanson, Carl H., assignor to O. S. Johanson, Los Angeles, Calif. Cylindrical die apparatus for cutting blanks. 2,144,980; Jan. 24.
Johanson, Carl H., assignor to O. S. Johanson, Los Angeles, Calif. Measured stretch, tension distributing machine. 2,147,039; Feb. 14.
Johanson, Carl H., assignor to O. S. Johanson, Los Angeles, Calif. Variable-zone leather stretching machine. 2,150,894; Mar. 21.
Johanson, Carl H., assignor to O. S. Johanson, Los Angeles, Calif. Leather stretching apparatus. 2,155,833; Apr. 25.
Johanson, Elof, Chicago, Ill. Venetian blind clamp. 2,153,893; Apr. 11.
Johanson, Johan A., Stockholm, Sweden. Double-acting wind turbine. 2,169,149; Aug. 8.
Johanson, John T., assignor to Aktiebolaget Radius, Stockholm, Sweden. Gauge. 2,173,019; Sept. 12.
Johanson, Magnus H., Rochester, and A. E. Clark, Fairport, assignors to Gleason Works, Rochester, N. Y. Tool mechanism for gear cutting machines. 2,148,072; Feb. 21.
Johanson, Olivia S. (See Johanson, Carl H., assignor.)
Johansson, Ernest G. (See Hagist, E. T., and Johansson.)
Johansson, Ernest G., Watertown, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Meter connection device. 2,182,629; Dec. 5.
Johansson, Ernest G., Watertown, Mass., and O. K. Coleman, Mineola, N. Y. Apparatus for by-passing socket meters. 2,184,840; Dec. 26.
Johansson, Isak E., Alvsjo, Stockholm, Sweden. Apparatus for separating a liquid from solid matters suspended therein. 2,181,456; Nov. 28.
Johansson, Martin, assignor to Hesselman Motor Corporation Aktiebolag, Henriksdal, Stockholm, Sweden. Governing device. 2,170,413; Aug. 22.
John-Full Steel Products, Inc. (See Forrer, Henry A., assignor.)
John, James L., South Colby, Wash. Angularity adjusting means for feathering rotors and the like. 2,159,382; May 23.
John, Robert, New York, N. Y., and E. R. Boots, Short Hills, N. J.; said John assignor to said Boots. Refrigerator. 2,150,064; Mar. 7.
Johner, Hans. (See Bonhôte, G., and Johner.)
Johner, Hans. (See Graenacher, C., Sallmann, and Johner.)
Johns, Henry B., New York, N. Y. Lock for vehicle doors. 2,176,969; Oct. 24.
Johns, Janet S. (See Johns, Robert I., assignor.)
Johns-Manville Corporation. (See Cummins, Arthur B., assignor.)
Johns-Manville Corporation. (See Cummins, A. B., and Miller, assignors.)
Johns-Manville Corporation. (See Gibbons, William P., assignor.)
Johns-Manville Corporation. (See Hennessy, Walter J., assignor.)
Johns-Manville Corporation. (See Hoffman, R. W., and Juenger, assignors.)
Johns-Manville Corporation. (See Jenkins, Edward M., assignor.)
Johns-Manville Corporation. (See Kellogg, George D., assignor.)
Johns-Manville Corporation. (See MacIldowie, John C., assignor.)
Johns-Manville Corporation. (See Miles, William S., assignor.)
Johns-Manville Corporation. (See Nies, Herman H., assignor.)
Johns-Manville Corporation. (See Papineau, Louis J., assignor.)
Johns-Manville Corporation. (See Parkinson, John S., assignor.)
Johns-Manville Corporation. (See Rembert, Ernest W., assignor.)
Johns-Manville Corporation. (See Rembert, E. W., and Bertogliat, assignors.)
Johns-Manville Corporation. (See Seigle, William R., assignor.)
Johns-Manville Corporation. (See Seigle, W. R., and Townshend, assignors.)
Johns-Manville Corporation. (See Toohey, E. A., and Campbell, assignors.)
Johns-Manville Corporation. (See Voigt, Paul A., assignor.)
Johns-Manville Corporation. (See Wells, Edward H., Jr., assignor.)
Johns-Manville Corporation. (See Wiener, J. A., and Bromley, assignors.)
Johns-Manville Corporation. (See Williams, Earl R., assignor.)
Johns-Manville Corporation. (See Ximenez, Manuel R., assignor.)
Johns, Raphael C., Melrose, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe and making the same. 2,175,295; Oct. 10.
Johns, Robert I., assignor to Janet S. Johns, Brooklyn, N. Y. Reflector. 2,179,660; Nov. 14.
Johns, Stanley S., Baltimore, Md. Power transmission mechanism. 2,176,401; Oct. 17.
Johnsen, George E., Phoenix, Ariz. Retractable landing gear. 2,180,526; Nov. 21.
Johnson, Adam E., Naugatuck, Conn. Wrench. 2,181,621; Nov. 28.
Johnson, Albert A., Kew Gardens, N. Y. Truck body. 2,150,624; Mar. 14.
Johnson, Albert A., Kew Gardens, N. Y. Railway hopper car. 2,167,364; July 25.
Johnson, Albert E., Lennox, S. Dak. Well tool. 2,179,594; Nov. 14.
Johnson, Albert M., assignor to Barnes Drill Co., Rockford, Ill. Honing machine. 2,163,604; June 27.
Johnson, Albert M., assignor to Barnes Drill Co., Rockford, Ill. Honing machine. 2,171,271; Aug. 29.
Johnson, Albert M., and W. M. Fairborn, assignors to Barnes Drill Co., Rockford, Ill. Machine for dressing external cylindrical surfaces. 2,164,067; June 27.
Johnson, Albert M., and W. M. Fairbairn, assignors to Barnes Drill Co., Rockford, Ill. Method and machine for honing cylindrical surfaces. 2,167,758; Aug. 1.
Johnson, Alexander R. (See Blakely, Albert W., assignor.)
Johnson, Alfred, Summit, and M. M. Brandegee, Plainfield, N. J. Manufacture of high calorific value gas. 2,166,094; July 11.
Johnson, Alfred E., Woodstock, Ill. Accelerator-controlling device. 2,167,843; Aug. 1.
Johnson, Alfred J. (See Lubs, H. A., and Johnson.)
Johnson, Alfred J. Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphurized indophenol dyestuffs and producing the same. 2,151,114; Mar. 21.
Johnson, Alpheus D., Wichita, Kans., assignor of one-half to M. J. Welsh, Kansas City, Mo. Reflex camera. 2,166,471; July 18.
Johnson, Alvin L., Ottawa Hills, assignor to The Logan Gear Company, Toledo, Ohio. Lifting device. 2,176,715; Oct. 17.
Johnson, Alvin L., Toledo, Ohio, assignor to The American Forging & Socket Company, Pontiac, Mich. Control for hand brakes. 2,180,209; Nov. 14.
Johnson, Alvin L., Toledo, Ohio, assignor to The American Forging & Socket Company, Pontiac, Mich. Emergency brake handle for automobiles. 2,183,772; Dec. 19.
Johnson, Andrew, Chicago, Ill. Shed-forming device. 2,156,092; Apr. 25.
Johnson, Andrew L., assignor to The American Forging & Socket Company, Pontiac, Mich. Control mechanism. 2,172,793; Sept. 12.
Johnson, Andrew L., assignor to The American Forging & Socket Company, Pontiac, Mich. Adjustable supporting means. 2,180,210; Nov. 14.
Johnson, Annie R., New York, N. Y. Broiling oven. 2,143,602; Jan. 10.
Johnson, Anthon G., Des Moines, Iowa. Hair divider. 2,147,040; Feb. 14.
Johnson, Anthon G., Des Moines, Iowa. Permanent waving apparatus. 2,165,552; July 11.
Johnson, Arden R., Elmhurst, Ill. Printing. 2,149,846; Mar. 7.
Johnson, Arnold E. W., Chicago, Ill., assignor to International Harvester Company. Hitch for offset harrows. 2,164,210; June 27.
Johnson, Arnold E. W., Chicago, Ill., assignor to International Harvester Company. Harrow construction. 2,164,211; June 27.
Johnson, Arnold E., Ringoes, N. J., assignor to Saks and Company, New York, N. Y. Container. 2,182,615; Dec. 5.
Johnson, Arnold E. W., Chicago, Ill., and L. H. Kaupke, Auburn, N. Y., assignors to International Harvester Company. Potato digger. 2,146,898; Feb. 14.
Johnson, Arnold E. W., Chicago, Ill., and G. M. Kriegbaum, Richmond, Ind., assignors to International Harvester Company. Hopper construction. 2,159,659; May 23.
Johnson, Arnold R., Underwood, N. Dak. Grinding machine. 2,183,914; Dec. 19.
Johnson, Arthur A., assignor to Casco Products Corporation, Bridgeport, Conn. Cigar lighter. 2,144,376; Jan. 17.
Johnson, Arthur A., assignor to Casco Products Corporation, Bridgeport, Conn. Windshield heater. 2,157,056; May 2.
Johnson, Arthur A., Bridgeport, Conn., assignor to Autographic Register Company, Hoboken, N. J. Manifolding. 2,178,103; Oct. 31.

Johnson, Arthur A., assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,180,927; Nov. 21.
Johnson, Arthur B., Minneapolis, Minn. Tiltable cutter unit. 2,170,687; Aug. 22.
Johnson, Arthur E. (See Van Stone, C. E., and Johnson.)
Johnson, Arthur S., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Abrading machine. 2,179,507; Nov. 14.
Johnson, Austin E., Burlington, Colo. Front wheel spread adjuster for tractors. 2,173,419; Sept. 19.
Johnson Automatic Sealer Co. (See Richard, Charles F., assignor.)
Johnson, Axel, deceased (by G. W. and L. A. Johnson, executors), and G. W. Johnson, Oakland, Calif. Double seamer. 2,170,055; Aug. 22.
Johnson, Axel F., Chicago, assignor to Chicago Metal Hose Corporation, Maywood, Ill. Hose support. 2,177,128; Oct. 24.
Johnson, Ben F., assignor to National Metal Products Co., Inc., Connersville, Ind. Casket handle. 2,152,483; Mar. 28.
Johnson, Ben H., assignor of one-half to J. A. Gage, Dallas, Tex. Conveyer attachment. 2,181,659; Nov. 28.
Johnson, Bernard G., Brookfield, Ill. Die truck. 2,161,578; June 6.
Johnson Bronze Company. (See Sandler, Louis, assignor.)
Johnson, Bror A. (See Mossberg, F., and Johnson.)
Johnson, Bror A. E., Alsten, assignor to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden. Machine for making cross-bottom paper bags. 2,159,853; May 23.
Johnson, C. S., Co., The. (See Johnson, Charles S., assignor.)
Johnson, Carl A., et al. (See Fernstrom, Charles, assignor.)
Johnson, Carl A., Omaha, Nebr. Brake control mechanism. 2,151,211; Mar. 21.
Johnson, Carl A., Chicago, Ill. Artificial fishing bait. 2,157,414; May 9.
Johnson, Carl C., et al. (See Fogas, Livius V., assignor.)
Johnson, Carl E., Pasadena, Calif. Variable-speed pulley structure. 2,183,887; Dec. 19.
Johnson, Carl E., Pasadena, Calif. Control for variable-diameter pulley. 2,184,673; Dec. 26.
Johnson, Carl E., Pasadena, and E. Mendenhall, Los Angeles, Calif. Variable speed unit. 2,181,567; Nov. 28.
Johnson, Carl E., San Marino, and E. Mendenhall, assignors to Sterling Electric Motors, Inc., Los Angeles, Calif. Air-cooled variable-speed device. 2,145,545; Jan. 31.
Johnson, Carl G., assignor to J. P. Seebury Corporation, Chicago, Ill. Automatic phonograph. 2,158,328; May 16.
Johnson, Carl V., assignor to Bendix Products Corporation, South Bend, Ind. Shock strut. 2,156,117; Apr. 25.
Johnson, Carl V., assignor to Bendix Products Corporation, South Bend, Ind. Shock strut. 2,167,928; Aug. 1.
Johnson, Carl W., Brooklyn, N. Y., assignor to American Machine & Foundry Company. Tap holder chuck. 2,159,162; May 23.
Johnson, Carlyle, Machine Co., The. (See Coe, Allan R., assignor.)
Johnson, Cecil F., Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Insulating bat. 2,159,028; May 23.
Johnson, Charles, Detroit, Mich. Combination shoe last and presser. 2,162,554; June 13.
Johnson, Charles D., assignor to Johnson Steel & Wire Company, Inc., Worcester, Mass. Wire straightening apparatus. 2,148,357; Feb. 21.
Johnson, Charles E. (See Kress, O., and Johnson.)
Johnson, Charles E., North Muskegon, Mich. Hydraulic tappet. 2,145,484; Jan. 31.
Johnson, Charles E., North Muskegon, Mich. Valve adjustment. 2,145,485; Jan. 31.
Johnson, Charles E., North Muskegon, Mich. Tappet. 2,175,465; Oct. 10.
Johnson, Charles E., North Muskegon, Mich. Horizontal hydraulic valve tappet. 2,175,466; Oct. 10.
Johnson, Charles E., North Muskegon, Mich. Hydraulic tappet. 2,175,467; Oct. 10.
Johnson, Charles G., assignor to Ken-Rad Tube & Lamp Corporation Owensboro, Ky. Carton. 2,155,091; Apr. 18.
Johnson, Charles I., assignor to Nestor Johnson Mfg. Co., Chicago, Ill. Ice skate. 2,178,424; Oct. 31.
Johnson, Charles R., Glen Mills, Pa., and W. E. Kirst, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Electric blasting cap. 2,150,374; Mar. 14.
Johnson, Charles S., assignor to The C. S. Johnson Co., Champaign, Ill. Mixing apparatus. 2,174,089; Sept. 26.
Johnson, Charles W., Norwood, Mass. Type binding means. 2,158,583; May 16.
Johnson, Charlie. (See Montgomery, C. C., and Johnson.)
Johnson, Chester W., South Weymouth, Mass., assignor to I. L. Cragin, C. W. Johnson, and R. N. Dresser, as trustees. Gas detection apparatus. 2,153,568; Apr. 11.
Johnson, Chris D., et al. (See Robbins, Martin V., assignor.)
Johnson, Clarence, East Cleveland, Ohio. Regulating apparatus. 2,169,150; Aug. 8.
Johnson, Clarence C., New York, N. Y., R. M. Hopkins, Rutherford, N. J., and R. F. Spamer, Lynbrook, assignors to American District Telegraph Company, New York, N. Y. Printing recorder for electric impulse signal systems. 2,172,511; Sept. 12.
Johnson, Coile, Port William, Ohio. Holder for hog or swine rings. 2,166,526; July 18.
Johnson Corporation, The. (See Goff, L. D., and Monroe, assignors.)
Johnson Corporation, The. (See Monroe, Rollo O., assignor.)
Johnson, David E., Rockford, Ill. Screw and making same. 2,162,891; June 20.
Johnson, Edward C., Stratford, assignor to Neva-Clog Products, Inc., Bridgeport, Conn. Stapling plier. 2,157,987; May 9.
Johnson, Edward C. W., assignor to Scherer Electric Company, Indianapolis, Ind. Panel board wiring apparatus. 2,182,847; Dec. 12.
Johnson, Edward J., Chicago, Ill. Cast cutter. 2,167,212; July 25.
Johnson, Elmer L. (See Prosser, J. G., and Johnson.)
Johnson, Elvin H., Winnetka, Ill. Builder's hardware. 2,171,065; Aug. 29.
Johnson Engineering & Mfg. Co. (See Johnson, J. E., and Frey, assignors.)
Johnson, Erik H., Portland, Oreg. Grate for sawdust burners. 2,183,648; Dec. 19.
Johnson, Eric K., New York, N. Y. Operating means for elevator doors. 2,166,527; July 18.
Johnson, Eric R., Malden, assignor to C. F. Berg, Boston, Mass. Dust removing apparatus. 2,162,019; June 13.
Johnson, Evar, assignor to E. A. Morsbach, Rockford, Ill. Hydrometer. 2,162,020; June 13.
Johnson, Floyd D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Brake mechanism. 2,175,897; Oct. 10.
Johnson, Foy E., Turkey, Tex. Trailer. 2,179,410; Nov. 7.
Johnson, Frank L., Akron, Ohio. Collapsible form. 2,149,604; Mar. 7.
Johnson, Fred A., Jr. (See Johnson, Fred A., assignor.)
Johnson, Fred A., assignor to F. A. Johnson, Junior, Chicago, Ill. Composite door. 2,160,151; May 30.
Johnson, Fred C., Minneapolis, Minn. Spacing sleeve for nails. 2,171,877; Sept. 5.
Johnson, Fred G., assignor to United States Gypsum Company, Chicago, Ill. Wall insulation. 2,172,048; Sept. 5.
Johnson, Fred P., Raeford, N. C. Conveyer. 2,180,681; Nov. 21.
Johnson, Fred R., Buffalo, N. Y. Method of and apparatus for separating materials. 2,154,682; Apr. 18.
Johnson, Frederick B., Murrysville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Porcelain-surface protection. 2,179,297; Nov. 7.
Johnson, George A. (See Hedquist, C. S., Johnson, and Malmberg.)
Johnson, George A., assignor to W. H. Miner, Inc., Chicago, Ill. Combined spring and friction shock absorber. 2,143,154; Jan. 10.
Johnson, George A., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,146,956; Feb. 14.
Johnson, George A., Trumbull, assignor to The Bryant Electric Company, Bridgeport, Conn. Electric tumbler switch. 2,156,989; May 2.
Johnson, George A., assignor to W. H. Miner, Inc., Chicago, Ill. Rail anchor. 2,161,925; June 13.
Johnson, George A., Chicago, and S. B. Haseltine, Glen Ellyn, assignors to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,142,247; Jan. 3.
Johnson, George A., and W. M. Dwyer, assignors to W. H. Miner, Inc., Chicago, Ill. Railway draft rigging. 2,147,041; Feb. 14.
Johnson, George A., Chicago, and S. B. Haseltine, Glen Ellyn, assignors to W. H. Miner, Inc., Chicago, Ill. Friction shock-absorbing mechanism. 2,168,408; Aug. 8.
Johnson, George A., and E. H. Lehman, assignors to W. H. Miner, Inc., Chicago, Ill. Shock absorbing mechanism. 2,165,383; July 11.
Johnson, George F. (See McAllister, S. H., and Johnson.)
Johnson, George W. (See Johnson, A. and G. W.)
Johnson, George W., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Balancing device for extractors. 2,144,064; Jan. 17.
Johnson, George W., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Garment cleaning system. 2,146,262; Feb. 7.
Johnson, George W., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Garment cleaning system. 2,165,487; July 11.
Johnson, George W., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Cincinnati, Ohio. Control mechanism for pressing machines. 2,171,568; Sept. 5.
Johnson, George W., assignor to The American Laundry Machinery Company, Norwood, Cincinnati, Ohio. Press control mechanism. 2,171,569; Sept. 5.

Johnson, George W., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Cincinnati, Ohio. Control mechanism for pressing machines. 2,171,570; Sept. 5.
Johnson, George W., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Control for pressing machines. 2,183,194; Dec. 12.
Johnson, Glen A., assignor to Stant Manufacturing Company, Connersville, Ind. Rear-view mirror mounting. 2,178,258; Oct. 31.
Johnson, Glenn D. (See Bronzan, B., and Johnson.)
Johnson, Glenn D. (See MacClatchie, J. W., Johnson, and Thies.)
Johnson, Glenn D., assignor to Baash-Ross Tool Company, Los Angeles, Calif. Liner. 2,143,072; Jan. 10.
Johnson, Glenn D., Compton, assignor to Baash Ross Tool Company, Los Angeles, Calif. Rotary table bushing. 2,144,156; Jan. 17.
Johnson, Glenn D., Compton, assignor to Baash-Ross Tool Company, Los Angeles, Calif. Bailer. 2,155,601; Apr. 25.
Johnson, Glenn D., Compton, assignor to Baash-Ross Tool Company, Los Angeles, Calif. Valve actuating mechanism. 2,157,263; May 9.
Johnson, Glenn D., Compton, and E. R. Lindgren, Huntington Park, assignors to Baash-Ross Tool Company, Los Angeles, Calif. Wall scraper. 2,177,721; Oct. 31.
Johnson, Gustav, West Roxbury, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener stud. 2,144,882; Jan. 24.
Johnson, Gustav O., Elkhart, Ind. Punch press control. 2,178,205; Oct. 31.
Johnson, Gustave A., Weymouth, assignor to New England Bedding Company, Medford, Mass. Convertible couch. 2,179,152; Nov. 7.
Johnson, Gustave P., Waukegan, Ill. Spring cushion. 2,155,792; Apr. 25.
Johnson, Harley S., Erwin, Tenn., and R. J. Adams, Ashland, Ky. Derailment actuated brake applying means for pony and engine trucks. 2,171,178; Aug. 29.
Johnson, Harold L., Chicago, Ill. Combination business form and envelope. 2,166,439; July 18.
Johnson, Harry H., Boston, Mass. Dispensing device. 2,151,115; Mar. 21.
Johnson, Harry T., Hollis, assignor to Johnson & Semonsen, Bellerose, N. Y. Removably mounting sheet material. 2,147,817; Feb. 21.
Johnson, Henry, et al. (See Spikes, Robert L., assignor.)
Johnson, Henry (Heinie) L., Bloomington, Ill. Radio antenna. 2,184,997; Dec. 26.
Johnson, Herbert C., Wilmette, Ill. Juice extracting device. 2,177,939; Oct. 31.
Johnson, Herbert W. (See Bitzer, E. W., and Johnson.)
Johnson, James A., assignor of one-half to B. F. Green, Sr., Lexington, N. C. Saw set. 2,155,901; Apr. 25.
Johnson, James E. (See Goodman, Emil, assignor.)
Johnson, James E. (See Kozel, H., Hutchinson, and Baca, assignors.)
Johnson, James E. (See Mabs, Harry J., assignor.)
Johnson, James M., New York, N. Y. Paving composition. 2,177,568; Oct. 24.
Johnson, James P., Shaker Heights, Ohio. Vacuum pump. 2,156,340; May 2.
Johnson, James P., Shaker Heights, assignor, by mesne assignments, to Pump Engineering Service Corporation, Cleveland, Ohio. Fuel pump. 2,170,530; Aug. 22.
Johnson, James S., Pasadena, Calif. Fuel control device or the like. 2,178,477; Oct. 31.
Johnson, James W., Los Angeles, Calif. Egg candling machine. 2,150,375; Mar. 14.
Johnson, James W., Jr., assignor to The Atlantic Refining Company, Philadelphia, Pa. Lubricant. 2,173,117; Sept. 19.
Johnson, Jay J. R., Mumford, N. Y. Collapsible vehicle wheel. 2,180,471; Nov. 21.
Johnson, Jesse C., Delray Beach, Fla. Hydraulic transmission. 2,184,219; Dec. 19.
Johnson, John, Toronto, Ontario, Canada. Alloys. 2,146,630; Feb. 7.
Johnson, John A., Woodhaven, N. Y. Assembling receptacle closure caps. 2,168,409; Aug. 8.
Johnson, John A., Clinton, Iowa. Invalid bed accessory. 2,168,649; Aug. 8.
Johnson, John A., Woodhaven, N. Y. Spool-making apparatus. 2,169,251; Aug. 15.
Johnson, John A., Denison, Tex., assignor, by mesne assignments, to The American Brake Shoe and Foundry Company, New York, N. Y. Rail crossing. 2,177,655; Oct. 31.
Johnson, John B., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling. 2,155,192; Apr. 18.
Johnson, John C., Boswell, Ind. Road drag. 2,166,596; July 18.
Johnson, John E., and H. Frey, assignors to Johnson, Engineering & Mfg. Co., Wilkes-Barre, Pa. Soaking machine. 2,168,479; Aug. 8.
Johnson, John G. (See Kennedy, M. D., and Johnson.)
Johnson, John J., Dallas, Tex. Photographic apparatus. 2,147,532; Feb. 14.
Johnson, John K., Rye, N. Y., assignor to Hazeltine Corporation. Noise suppressor. 2,152,481; Mar. 28.
Johnson, John K., Rye, N. Y., assignor to Hazeltine Corporation, Jersey City, N. J. Noise suppressor. 2,152,482; Mar. 28.
Johnson, John K., assignor to Wells-Gardner & Company, Chicago, Ill. Adjustable dual condenser. 2,155,050; Apr. 18.
Johnson, John K., assignor to Wells-Gardner Company, Chicago, Ill. Frequency drift compensator. 2,171,655; Sept. 5.
Johnson, John R., assignor to Ingersoll Milling Machine Company, Rockford, Ill. Machine tool driving mechanism. 2,153,567; Apr. 11.
Johnson, John T. (See Cole, Harry E., assignor.)
Johnson, John W., St. Maries, Idaho. Cover for garment hangers. 2,178,965; Nov. 7.
Johnson & Johnson. (See Dickson, Earle E., assignor.)
Johnson, Jonas F., assignor to J. A. Anderson, trustee, Chicago, Ill. Leg-supported structure. 2,168,710; Aug. 8.
Johnson, Joseph. (See Allen, V. O., and Johnson.)
Johnson, Julian E., Chicago, Ill. Pneumatic spring suspension means. 2,164,068; June 27.
Johnson, Julian E., Chicago, Ill. Pneumatic spring system. 2,185,128; Dec. 26.
Johnson, Keith C., and R. C. Dunsmore, Pittsburgh, Pa., Splice bar. 2,160,310; May 30.
Johnson, Kenneth, Terre Haute, assignor to Purdue Research Foundation, Lafayette, Ind. Hydrogenation of nitrohydroxy compounds. 2,157,386; May 9.
Johnson, Kenneth, Terre Haute, assignor to Purdue Research Foundation, La Fayette, Ind. Hydrogenation of nitroparaffins. 2,174,498; Sept. 26.
Johnson, Klas. (See Hoppe, E., and Johnsson.)
Johnson Laboratories, Inc. (See Crossley, Alfred, assignor.)
Johnson Laboratories, Inc. (See Crossley, A. and Neighbors, assignors.)
Johnson Laboratories, Inc. (See Jacob, Frederick N., assignor.)
Johnson Laboratories, Inc. (See Jacob, F. N., and Kirk, assignors.)
Johnson Laboratories, Inc. (See Polydoroff, Wladimir J., assignor.)
Johnson Laboratories, Inc. (See Schaper, William A., assignor.)
Johnson Laboratories, Inc. (See Sinninger, Dwight V., assignor.)
Johnson, Lawrence C., Park Ridge, assignor to Underwood Electric & Mfg. Co., Inc., Chicago, Ill. Trimmer condenser bank. 2,179,093; Nov. 7.
Johnson, Le Baron B., Bronxville, N. Y., assignor to Oakite Products, Inc. Device for cleaning surfaces. 2,149,526; Mar. 7.
Johnson, Leonard, Beverly Shores, Ind. Combination wire twister and tightener. 2,168,992; Aug. 8.
Johnson, Levi R., Worthington, Minn. Hat hanger. 2,177,546; Oct. 24.
Johnson, Lloyd A., et al., executors. (See Johnson, A. and G. W.)
Johnson, Lloyd A., Hillsborough, assignor to National Oil Seal Co., Oakland, Calif. Fluid seal. 2,146,677; Feb. 7.
Johnson, Lyman B., East Orange, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Gaseous electric discharge lamp. 2,152,997; Apr. 4.
Johnson, Malcolm S., assignor to Illinois Railway Equipment Company, Chicago, Ill. Brake beam hanger pin and adapter. 2,154,094; Apr. 11.
Johnson, Malcolm S., assignor to Illinois Railway Equipment Company, Chicago, Ill. Brake hanger retainer. 2,167,979; Aug. 1.
Johnson, Malcolm S., assignor to Illinois Railway Equipment Company, Chicago, Ill. Brake hanger retainer locking means. 2,172,976; Sept. 12.
Johnson, Malcolm S., assignor to Illinois Railway Equipment Company, Chicago, Ill. Brake hanger retainer. 2,179,722; Nov. 14.
Johnson, Malcolm S., assignor to Illinois Railway Equipment Company, Chicago, Ill. Brake hanger suspension means. 2,184,122; Dec. 19.
Johnson, Manfred J., assignor of one-half to The Lewis Engineering Company, Naugatuck, Conn. Light valve control. 2,151,474; Mar. 21.
Johnson Matthey & Company. (See Jahn, Carl A. H., assignor.)
Johnson, Melvin F., Los Angeles, Calif. Expansion plug. 2,176,260; Oct. 17.
Johnson, Melvin M., et al. (See Johnson, Melvin M., Jr., assignor.)
Johnson, Melvin M., Jr., assignor to M. M. Johnson, Brookline, E. E. Rice, Boston, Mass, and himself, as trustees of Johnson Patent Trust. Firearm. 2,146,743; Feb. 14.
Johnson, Melvin M., Jr., assignor to M. M. Johnson, Brookline, E. E. Rice, Boston, Mass., and himself, as trustees of Johnson Patent Trust. Breech mechanism. 2,181,131; Nov. 28.
Johnson, Melvin W., Nutley, N. J., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Wood-sealing composition. 2,156,694; May 2.
Johnson, Mensal L., Kalamazoo, Mich., and J. J. Rose, Dayton, Ohio. Magneto breaker contact point opening and closing indicator. 2,184,304; Dec. 26.
Johnson, Myron O. (See Riney, A. H., and Johnson.)
Johnson, Nelbert A., West Salem, Wis. Hairpin. 2,148,073; Feb. 21.
Johnson, Nels. (See Hirschman, F. C., Johnson, and Stringfellow.)

Johnson, Nels J., Wallingford, Iowa. Wire splicing tool. 2,147,042; Feb. 14.
Johnson, Orlando B., Boise, Idaho. Stationary piston air compressor. 2,152,054; Mar. 28.
Johnson, Oscar M., Denver, Colo. Caster penholder. 2,178,755; Nov. 7.
Johnson, Otis O., Moline, Ill. Clothesline support. 2,176,501; Oct. 17.
Johnson, Otto V., Minneapolis, Minn. Safety match book. 2,153,925; Apr. 11.
Johnson Patent Trust. (See Johnson, Melvin M., Jr.)
Johnson, Percy J. (See White, A. J., and Johnson.)
Johnson, Philip C., and C. M. Stacey, assignors to Willys-Overland Motors, Inc., Toledo, Ohio. Door latch. 2,162,673; June 13.
Johnson, Philip C., and E. C. De Smet, Toledo, assignors, by mesne assignments, to Reconstruction Finance Corporation, Cleveland, Ohio. Combined window weather strip and drain. 2,184,553; Dec. 26.
Johnson, Ralph P. (See Koller, L. R., and Johnson.)
Johnson, Raymond C., West Brunswick Township, Schuylkill County, assignor to The Philadelphia and Reading Coal and Iron Company, Philadelphia, Pa. Radiation heater. 2,151,516; Mar. 21.
Johnson, Reynold B., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Indicating device. 2,168,443; Aug. 8.
Johnson, Ross C., Dayton, Ohio. Protecting the retorts of stokers against high temperatures. 2,181,371; Nov. 28.
Johnson, Roy, Seattle, Wash. Burner unit. 2,151,973; Mar. 28.
Johnson, Roy W., Milwaukee, Wis. Electric oil control valve. 2,145,446; Jan. 31.
Johnson, Roy W., Milwaukee, Wis. Metering valve. 2,155,761; Apr. 25.
Johnson, Roy W., Wyoming, assignor to The International Manufacturing Company, Cincinnati, Ohio. Automobile-type lamp. 2,156,947; May 2.
Johnson, Roy W., Milwaukee, Wis. Oil control device. 2,183,815; Dec. 19.
Johnson, Russell E., Mishawaka, Ind. Automobile. 2,167,929; Aug. 1.
Johnson, Samuel J., West Chester, assignor to Clopay Corporation, Cincinnati, Ohio. Window shade. 2,155,376; Apr. 18.
Johnson, Samuel J., assignor to Clopay Corporation, Cincinnati, Ohio. Making window shades. 2,157,057; May 2.
Johnson & Semonsen. (See Johnson, Harry T., assignor.)
Johnson Service Company. (See Otto, Arthur J., assignor.)
Johnson Service Company. (See Scharpf, Otto, assignor.)
Johnson, Sheldon K., et al. (See Walker, Joseph B., assignor.)
Johnson, Sixten I., College Point, assignor to Lily-Tulip Cup Corporation, New York, N. Y. Blank feeding device. 2,163,145; June 20.
Johnson, Stanley G., Grosse Pointe, Mich., assignor to The Burkhardt Company. Making loose-leaf binders. 2,172,909; Sept. 12.
Johnson Steel & Wire Company. (See Johnson, Charles D., assignor.)
Johnson, Stephen, Jr., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Steering mechanism. 2,168,480; Aug. 8.
Johnson, Stephen, Jr., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Clutch control mechanism. 2,183,481; Dec. 12.
Johnson, Thomas T., assignor to Myers-Spalti Manufacturing Company, Houston, Tex. Folding chair. 2,182,761; Dec. 5.
Johnson, Tomlinson F., Atlanta, Ga. Fuse switch. 2,158,722; May 16.
Johnson, Tomlinson F., Atlanta, Ga. Fuse assembly. 2,171,179; Aug. 29.
Johnson, Treat B., Bethany, Conn., assignor to Röhm & Haas Company, Philadelphia, Pa. Preparing sulphonyl halides and sulphonic acids from pseudothioureas. 2,146,744; Feb. 14.
Johnson, Treat B., Bethany, Conn., assignor to Röhm & Haas Company, Philadelphia, Pa. Sulphonic halides. 2,147,346; Feb. 14.
Johnson, Treat B., Bethany, Conn., assignor to Textile Foundation, Washington, D. C. Silk. 2,171,241; Aug. 29.
Johnson, Treat B., Bethany, Conn., assignor to Rohm & Haas Company, Philadelphia, Pa. Producing sulfonyl halides. 2,174,856; Oct. 3.
Johnson, Valdemar A., Trenton, N. J., dedicated to the free use of the People in the Territory of the United States. Insecticide. 2,147,947; Feb. 21.
Johnson, Victor S. (See White, Sidney Y., assignor.)
Johnson, Vinson L., Mount Vernon, N. Y. Fine grinding. 2,164,409; July 4.
Johnson, Walter A., Rochester, Minn. Mower cutter bar unit. 2,149,347; Mar. 7.
Johnson, Walter A., Rochester, Minn. Mower cutting structure. 2,173,687; Sept. 19.
Johnson, Walter W. (See Schifferle, Charles J., assignor.)
Johnson, Warren, New Orleans, La. Golf practice device. 2,149,174; Feb. 28.
Johnson, Welton V., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Direct current to alternating current converters. 2,172,202; Sept. 5.
Johnson, Welton V., East Orange, and K. Riesz, Gillette, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Operation indicator reset. 2,172,203; Sept. 5.
Johnson, Wilfred G., assignor to The Colson Corporation, Elyria, Ohio. Lift jack. 2,184,455; Dec. 26.
Johnson, Wilfrid E., Fort Wayne, Ind., assignor to General Electric Company. Sight glass. 2,155,270; Apr. 18.
Johnson, Wilfrid E., Fort Wayne, Ind., assignor to General Electric Company. Refrigerating machine. 2,178,425; Oct. 31.
Johnson, William A., Birkdale, assignor to The General Electric Company Limited, London, England. Apparatus for comparing or measuring the diffuse reflection of light from surfaces. 2,165,054; July 4.
Johnson, William C., assignor of one-third to G. J. Ornauer, Denver, Colo. Rotary engine. 2,175,265; Oct. 10.
Johnson, William E., Chicago, Ill., assignor to Rand McNally & Company. Globe. 2,151,601; Mar. 21.
Johnson, William H., Cranston, assignor to Weskenson Corporation, Providence, R. I. Overlapping cam action. 2,159,739; May 23.
Johnson, William H., Cranston, assignor to Weskenson Corporation, Providence, R. I. Variable speed transmission. 2,159,740; May 23.
Johnson, William V., Washington, D. C. Serving tray. 2,178,172; Oct. 31.
Johnston, Archibald P., Altadena, assignor to Standard Oil Company of California, San Francisco, Calif. Welding electrode coating. 2,150,925; Mar. 21.
Johnston, Archibald P., Altadena, assignor to Standard Oil Company of California, San Francisco, Calif. Welding electrode flux. 2,154,816; Apr. 18.
Johnston, Arthur J. (See Levy, O. C., and Johnston.)
Johnston, Arthur J., San Mateo, Calif., assignor to General Electric Company. Automatic totalizing system. 2,167,513; July 25.
Johnston, Carey W., Newark, N. J. Control device. 2,149,681; Mar. 7.
Johnston, Charles F., Oakland, Calif. Piston expander. 2,150,062; Mar. 7.
Johnston, Charles F., Oakland, Calif. Piston, ring, and ring expander. 2,170,970; Aug. 29.
Johnston, Charles S., Glencoe, assignor to Transportation Specialties Company, Chicago, Ill. Refrigerator car construction. 2,176,425; Oct. 17.
Johnston, Clarence L., Oakland, Calif. Autographic register. 2,170,143; Aug. 22.
Johnston, David J., Kew Gardens, assignor to A. M. Bovier, Elmira, N. Y. Manifolding record. 2,143,625; Jan. 10.
Johnston, Donald F., Pelham, and J. B. Shiel, Glen Head, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,148,560; Feb. 28.
Johnston, Edward A., Chicago, C. R. Rogers, Oak Park, and W. O. Bechman, Chicago, Ill., assignors to International Harvester Company. Torque brace for track type tractors. 2,156,565; May 2.
Johnston, Edward A., Chicago, and G. W. Engstrom, Riverside, Ill., assignors to International Harvester Company. Tractor. 2,166,411; July 18.
Johnston, Edward A., Chicago, D. B. Baker, Riverside, and C. R. Rogers, Oak Park, assignors to International Harvester Company, Chicago, Ill. Transmission gearing and power take-off. 2,168,033; Aug. 1.
Johnston, Fred E., assignor to The Crosley Corporation, Cincinnati, Ohio. Mounting device. 2,144,261; Jan. 17.
Johnston, Harold G., Chicago, and J. C. Gates, Downers Grove, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Accounting system. 2,158,872; May 16.
Johnston, Herbert L. (See Meeker, D. A., and Johnston.)
Johnston, Herbert L., assignor to The Hobart Manufacturing Company, Troy, Ohio. Food handling apparatus. 2,151,852; Mar. 28.
Johnston, Howard M., assignor to Massey-Harris Company, Limited, Toronto, Ontario, Canada. Grain grinder. 2,178,636; Nov. 7.
Johnston, Howard M., and P. Bjerre, assignors to Massey-Harris Company, Limited, Toronto, Ontario, Canada. Control device for power lift mechanisms. 2,181,994; Dec. 5.
Johnston, James W., Manchester, N. H., assignor to North American Holding Corporation, Syracuse, N. Y. Grading machine. 2,146,217; Feb. 7.
Johnston, James W., Manchester, N. H., assignor to North American Holding Corporation, Syracuse, N. Y. Grading machine. 2,180,591; Nov. 21.
Johnston, John, Short Hills, N. J., assignor to United States Steel Corporation, New York, N. Y. Apparatus for cooling rails. 2,166,056; July 11.
Johnston, Leith. (See Nelson, M. L., and Johnston.)
Johnston, M. O. (See Sutliff, Wayne N., assignor.)
Johnston, Marshall E., St. Petersburg, Fla. Thermal accumulator. 2,160,333; May 30.

Johnston, Merton A., Indianapolis, Ind. Sorting and classifying of flat sheets, tallies, cards, or the like. 2,169,050; Aug. 8.
Johnston, Mordica O. (See Bettis, Wilbur F., assignor.)
Johnston, Mordica O. (See O'Neill, Frank E., assignor.)
Johnston, Mordica O., Glendale, Calif. Pressure bomb mounting. 2,176,766; Oct. 17.
Johnston, Mordica O., and C. W. Savitz, Glendale, Calif.; said Savitz assignor to said Johnston. Method and means of measuring fluid flow. 2,153,254; Apr. 4.
Johnston, Norris, Los Angeles, Calif. Method of coring to preserve fluid content. 2,146,263; Feb. 7.
Johnston, William, Jr., Wilkinsburg, Pa. Cinder pot. 2,181,331; Nov. 28.
Johnston, William H., Fort Erie, Ontario, Canada. Take-up for electric iron cords. 2,172,705; Sept. 12.
Johnston, William J., assignor to A. S. Lashbrook, London, Ontario, Canada. Axle straightener. 2,142,850 Jan. 3.
Johnston, William S. (See Morse, E. H., Johnston, and Mack.)
Johnstone, Bruce D., Los Angeles, Calif., assignor of one-third to J. T. Cawthorn and one-third to C. E. Wyss. Vehicle fender guard. 2,177,112; Oct. 24.
Johnstone, Charles A., assignor to Pacific Can Company, San Francisco, Calif. Compound drier for coated disks. 2,162,336; June 13.
Johnstone, Henry F., and A. D. Singh, Urbana, assignors, by mesne assignments, to Commonwealth Edison Company, Chicago, Ill. Recovery of SO_2 from ammonium sulphite solutions. 2,161,055; June 6.
Johnstone, Henry F., and A. D. Singh, Urbana, assignors, by mesne assignments, to Commonwealth Edison Company, Chicago, Ill. Recovering sulphur dioxide from waste gases. 2,161,056; June 6.
Johnstone, James O. (See Drapeau, J. E., Jr., and Johnstone.)
Johnstone, James O., East Chicago, Ind., assignor to The Glidden Company, Cleveland, Ohio. Red lead composition. 2,182,436; Dec. 5.
Johnstone, James O., East Chicago, Ind., assignor to The Glidden Company, Cleveland, Ohio. Lead oxide and method of preparation. 2,182,479; Dec. 5.
Johnstone, Theodore H., Detroit, Mich., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Cylinder lock. 2,182,809; Dec. 12.
Johntz, Margaret L., assignor to Hall Brothers, Inc., Kansas City, Mo. Greeting card. 2,155,193; Apr. 18.
Joliet, Maurice A., assignor to The Alliance Machine Company, Alliance, Ohio. Extractor head for ingot strippers. 2,148,625; Feb. 28.
Jollasse, Erik, assignor to Quarzlampen-Gesellschaft m. b. H., Hanau-on-the-Main, Germany. Apparatus for making prints. 2,168,481; Aug. 8.
Jollie, Andrew, St. Helens, England, assignor to Pittsburgh Plate Glass Company, Pittsburgh, Pa. Drawing glass strip. 2,157,759; May 9.
Jolliffe, John J., Hawthorne, assignor to The Okonite Company, Passaic, N. J. Electric connector or terminal. 2,159,163; May 23.
Jolly, Charles L., Wilmar, Calif. Sunshade. 2,142,851; Jan. 3.
Jominy, Walter E., assignor to General Motors Corporation, Detroit, Mich. Ferrous alloy. 2,179,695; Nov. 14.
Jonas, Frank D., East Williston, assignor to Oxford Filing Supply Co., Brooklyn, N. Y. Filing container. Re. 21,287; Dec. 5.
Jonas, Gottfried B. (See Bol, C., Jonas, and Lemmens.)
Jonas, Gottfried B. (See de Boer, J. H., and Jonas.)
Jonas, Gottfried B. (See Elenbaas, W., Jonas, and van Wyk.)
Jonas, Gottfried B., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Permanent magnet steel alloy and making same. 2,156,019; Apr. 25.
Jonas, Gottfried B., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Manufacturing permanent magnets. 2,161,926; June 13.
Jonas & Naumburg Corporation. (See Messing, L. N., and Naumburg, assignors.)
Jonas, Stephen P., assignor to The Cleveland Welding Company, Cleveland, Ohio. Steering wheel. 2,162,088; June 13.
Jonassen, Jonas, South Ozone Park, N. Y., assignor to Tri State Cap & Cap Machinery Co., Inc., Newark, N. J. Reeling mechanism. 2,184,744; Dec. 26.
Jones, Abraham L., Logansport, Ind. Door hinge. 2,166,815; July 18.
Jones, Albert S., assignor to Arnold Print Works, North Adams, Mass. Method and apparatus for coloring fabrics. 2,174,227; Sept. 26.
Jones, Areal F., Amarillo, Tex. Combination salt and pepper shaker. 2,144,981; Jan. 24.
Jones, Arthur B., assignor of forty-nine percent to H. L. Hall, Detroit, Mich. Steaming device. 2,149,605; Mar. 7.
Jones, Bassett, New York, and J. S. Hamel, Babylon, assignors to New York World's Fair 1939 Inc., New York, N. Y. Fountain. 2.160.474; May 30.
Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Traffic detector. 2,149,998; Mar. 7.
Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Motor control system. 2,151,553; Mar. 21.
Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Washing apparatus. 2,155,271; Apr. 18.
Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Dishwashing machine. 2,155,272; Apr. 18.
Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Washing apparatus. 2,155,273; Apr. 18.
Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Traffic-signal controller. 2,164,177; June 27.
Jones, Benjamin W., Schenectady, N. Y., assignor to General Electric Company. Remote control system. 2,170,688; Aug. 22.
Jones-Blair Paint & Varnish Company. (See Metcalf, Elbert L., assignor.)
Jones, Brinley, Perivale, assignor to Goodlass Wall & Lead Industries Limited, London, England. Lead alloy. 2,171,180; Aug. 29.
Jones, Brinley, and C. Wilson, Perivale, assignors to Goodlass Wall & Lead Industries Limited, London, England. Lead alloy. 2,145,513; Jan. 31.
Jones Brothers Company. (See Knox, Robert, assignor.)
Jones Brothers Pty. Ltd. (See Jones, Joseph G. and J. R., assignors.)
Jones, Burr W., Elmira, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Transmission. 2,180,527; Nov. 21.
Jones, Carl C., Clayton, Ohio. Radio direction finding system. 2,146,745; Feb. 14.
Jones, Charles, assignor to Pearson Sanding Machine Company, High Point, N. C. Sanding wheel head. 2,167,573; July 25.
Jones, Charles, assignor to Pearson Sanding Machine Company, High Point, N. C. Tiltable adjustable sanding wheel. 2,182,725; Dec. 5.
Jones, Charles F., Burlingame, Calif. Camera. 2,166,440; July 18.
Jones, Charles F., Burlingame, assignor of one-fourth to J. D. Grant and one-fourth to C. W. Durbrow, San Francisco, Calif. Apparatus for photographic printing. 2,174,788; Oct. 3.
Jones, Charles F., Burlingame, assignor of one-fourth to J. D. Grant and one-fourth to C. W. Durbrow, San Francisco, Calif. Sound track on colored film and producing same. 2,176,303; Oct. 17.
Jones, Clarence E., Springfield, Ohio. Float for fishing lines. 2,153,869; Apr. 11.
Jones, Clarence F., Fort Collins, Colo. Trailer construction. 2,154,129; Apr. 11.
Jones, Clarence W., Philadelphia, Pa. Dampening roll for lithographing presses. 2,149,606; Mar. 7.
Jones, Clifton E., Chicago, Ill. String instrument. 2,168,736; Aug. 8.
Jones, Dallas D. (See Gregory, George C., assignor.)
Jones, David. (See Holmes, M. K., and Jones.)
Jones, David, Detroit, Mich. Trigonometric angle generator. 2,173,519; Sept. 19.
Jones, David M. (See Whitmore, F. C., Jones, and Noll.)
Jones, David T. (See Ritchie, P. D., Jones, and Burns.)
Jones, Don F., assignor to Motor Wheel Corporation, Lansing, Mich. Automatic draft regulator. 2,176,217; Oct. 17.
Jones, Dorothy E., et al. (See Lewallen, Alvis M., assignor.)
Jones, Earl P., assignor to Gate City Sash & Door Company, Fort Lauderdale, Fla. Louver construction. 2,166,441; July 18.
Jones, Edward G., Paisley, Fla. Fish lure. 2,149,054; Feb. 28.
Jones, Edward L., Wilmette, Ill. Fill cap. 2,143,626; Jan. 10.
Jones, Edwin A., Jackson, and A. H. Dierker, Columbus, assignors to Globe Iron Company, Jackson, Ohio. Alloy cast iron. 2,167,301; July 25.
Jones, Edwin B., Wallasey, England. Apparatus for surface treatment of green clay. 2,146,957; Feb. 14.
Jones, Edwin P., Garden City, assignor to Champagne Paper Corporation, New York, N. Y. Making paper pulp. 2,161,763; June 6.
Jones, Emory D., Detroit, Mich. Valve mechanism of fuel preheating controls. 2,169,321; Aug. 15.
Jones, Ernest E., Melrose, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener socket and installation thereof. 2,166,894; July 18.
Jones, Frank D., assignor to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Power lift implement. 2,165,859; July 11.
Jones, Frank D., and H. Moschel, assignors to Dain Manufacturing Company of Iowa, Ottumwa, Iowa. Side delivery rake. 2,162,506; June 13.
Jones, Frederick McK., Minneapolis, Minn., assignor to Nation-Wide Manufacturing Corporation, New York, N. Y. Ticket dispensing machine. 2,163,754; June 27.
Jones, Frederick W., Milwaukee, Wis. Internal combustion engine. 2,154,095; Apr. 11.
Jones, George E., Wood-Ridge, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Oscillator. 2,175,694; Oct. 10.
Jones, George F. (See Van Wirt, A. E., Aylies, and Jones.)
Jones, George F., Dallas, Tex. Overhead drop bulkhead gate. 2,160,870; June 6.

Jones, George W., Larchmont, assignor to Wm. C. Jones Envelope Co., Inc., New York, N. Y. Coin envelope. 2,171,702; Sept. 5.
Jones, Guy D., Portland, Oreg. Fishing spoon. 2,162,845; June 20.
Jones, Harold W., assignor to The Columbus Pharmacal Company, Columbus, Ohio. Colloidal aluminum hydroxide. 2,166,868; July 18.
Jones, Harry H., assignor, by mesne assignments, to Technical Oil Tool Corporation, Ltd., Los Angeles, Calif. Well hole inclinometer. 2,155,552; Apr. 25.
Jones, Hilton I., Wilmette, assignor to The Naselmo Corporation, Chicago, Ill. Embalming. 2,152,484; Mar. 28.
Jones, Hilton I. and L., Wilmette, Ill. Fixing cloth finishes. 2,171,475; Aug. 29.
Jones, Homer W., Westfield, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Delayed action switch. 2,171,114; Aug. 29.
Jones, Homer W., Westfield, and A. J. Miller, Cranford, N. J., assignors to Oxweld Acetylene Company. Tube welding process and apparatus. 2,178,451; Oct. 31.
Jones, Horry M., Chicago, Ill. Apparatus for chemical analysis. 2,148,203; Feb. 21.
Jones, Horry M., Chicago, Ill. Measuring device. 2,180,057; Nov. 14.
Jones, Howard M. (See Atkinson, G. E., and Jones.)
Jones, Ira, et al. (See Maxwell, Walter, assignor.)
Jones, Ira M. (See Ohlson, John B., assignor.)
Jones, James H., Bisbee, Ariz. Closure device. 2,144,982; Jan. 24.
Jones, James R., assignor to Art Metal Construction Company, Jamestown, N. Y. Drop shelf and bracket. 2,170,799; Aug. 29.
Jones, James R., and V. A. Gronberg, assignors to Art Metal Construction Company, Jamestown, N. Y. Suspension for drawers and analogous devices. 2,157,611; May 9.
Jones, Jesse L., assignor to McCormick & Company, Inc., Baltimore, Md. Top for spice tins. 2,167,574; July 25.
Jones, John H., Bradford, Pa. Grasshopper holder. 2,160,436; May 30.
Jones, John L. (See Stockbarger, D. C., and Jones.)
Jones, John L. (See Whitney, E. C., and Jones.)
Jones, John L., Billerica, assignor to Stockton Profile Gauge Corporation, Lowell, Mass. Area measuring machine. 2,184,157; Dec. 19.
Jones, John R. (See Jones, Joseph G., and J. R.)
Jones, Johnie J., assignor to Roswell Welding Company, Inc., Roswell, N. Mex. Welding transformer. 2,179,661; Nov. 14.
Jones, Joseph G., and J. R., Surry Hills, near Sydney, New South Wales, assignors to Jones Brothers Pty. Limited, Sydney, Australia. Production of wool felt capelines, and the product thereof. 2,145,835; Jan. 31.
Jones, Joseph W., and F. C. Reilly, New York, N. Y. Brake. 2,166,157; July 18.
Jones, Kenneth W., Enfield, England. Conveyer. 2,155,553; Apr. 25.
Jones, Kit, Woodlawn, Tenn. Seed gathering attachment for mowing machines. 2,152,548; Mar. 28.
Jones & Lamson Machine Company. (See Flanders, Ralph E., assignor.)
Jones & Laughlin Steel Corporation. (See Graham, H. W., and Case, assignors.)
Jones & Laughlin Steel Corporation. (See Kaufman, George A., assignor.)
Jones & Laughlin Steel Corporation. (See McCreary, Alfred D., assignor.)
Jones, Leo D., assignor to The Sharples Corporation, Philadelphia, Pa. Centrifugal separator. 2,162,199; June 13.
Jones, Leo D., assignor to The Sharples Corporation, Philadelphia, Pa. Dewaxing hydrocarbon oils. 2,172,320; Sept. 5.
Jones, Leonard, Davyhulme, England, assignor to General Electric Company. Fusion welding. 2,175,026; Oct. 3.
Jones, Lester L., Oradell, N. J. Electric steam iron. 2,179,259; Nov. 7.
Jones, Lewis, Youngstown, Ohio. Sheet handling apparatus. 2,147,099; Feb. 14.
Jones, Lewis C., Utica, N. Y. Window guard. 2,174,941; Oct. 3.
Jones, Linus H., Amherst, Mass., assignor to W. B. Jones, Chicago, Ill. Supporting potted plants. 2,157,340; May 9.
Jones, Llewellyn. (See Jones, Hilton I. and L.)
Jones, Lloyd B., Altonna, Pa. Locomotive smoke box. 2,175,266; Oct. 10.
Jones, Lloyd E., and H. L. Smith, Dunedin, Fla., assignors to Food Machinery Corporation, San Jose, Calif. Box press. 2,163,126; June 20.
Jones, Lloyd M., Fort Lauderdale, Fla. Awning shutter. 2,145,569; Jan. 31.
Jones, Lloyd T. (See Kennedy, H. E., Rotermund, and Jones.)
Jones, Lloyd T., Berkeley, Calif. Luminescent tube. 2,177,891; Oct. 31.
Jones, Lloyd T., Berkeley, Calif., assignor to Union Carbide and Carbon Research Laboratories, Inc. Electric welding. 2,152,194; Mar. 28.
Jones, Lloyd T., H. E. Kennedy, and M. A. Rotermund, Berkeley, Calif., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Making flux for use in electric welding. 2,150,625; Mar. 14.
Jones, Loren F., Merchantville, N. J., assignor to Radio Corporation of America. Hum reduction in amplifier networks. 2,161,418; June 6.
Jones, Louis C., Greenwich, R. B. Barnes, Stamford, and G. P. Ham, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Photographic developer. 2,165,797; July 11.
Jones, Louis C., Greenwich, R. B. Barnes, Stamford, and G. P. Ham, Old Greenwich, Conn., assignors to American Cyanamid Company, New York, N. Y. Photographic developer. 2,179,790; Nov. 14.
Jones, Lucian N. (See Smith, H. L., Jr., and Jones.)
Jones, Mack C., Haddon Heights, N. J., assignor to Radio Corporation of America. Audio frequency amplifier. 2,179,260; Nov. 7.
Jones, Malcolm L., assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill. Folding partition. 2,151,033; Mar. 21.
Jones, Malcolm L., assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill. Partition door. 2,180,112; Nov. 14.
Jones, Maldwyn. (See Baird, W., and Jones.)
Jones, Maldwyn, and W. F. Smith, Blackley, Manchester, England, and A. Stewart, Grangemouth, Scotland, assignors to Imperial Industries, Limited. Coloring rubber. 2,167,514; July 25.
Jones, Margaret B., Hickman Mills., Mo. Combination lipstick and blender. 2,171,794; Sept. 5.
Jones, Mary, et al. (See Nash, William C., assignor.)
Jones, Mary, et al. (See Nash, William M., assignor.)
Jones, Mary E. (See Jacobucci, Silvey A., assignor.)
Jones, Nevell R., Haddonfield, and B. R. Carson, Camden, N. J., assignors to Radio Corporation of America. Material cutter and stacker. 2,182,871; Dec. 12.
Jones, Norman, Manchester, England. Jacquard card and verdol paper roll repeater cutting machine. 2,180,058; Nov. 14.
Jones, Norman G., Bridgeport, Pa., assignor to Continental-Diamond Fibre Company, Newark, Del. Drying vulcanized fiber sheets. 2,185,087; Dec. 26.
Jones, Otis L., Joliet, and J. L. Essex, La Grange, assignors to The Illinois Clay Products Company, Joliet, Ill. Foundry sand. 2,159,952; May 23.
Jones, Paul C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Nonstaining antioxidants. 2,153,804; Apr. 11.
Jones, Paul C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Diaryldithiocarbamyl derivative and making the same. 2,177,547; Oct. 24.
Jones, Paul C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Accelerator of vulcanization. 2,177,548; Oct. 24.
Jones, Paul L., Cedar Falls, Iowa. Silo. 2,175,468; Oct. 10.
Jones, Paul R., Piedmont, assignor to Shell Development Company, San Francisco, Calif. Spray oil emulsifier. 2,177,434; Oct. 24.
Jones, Paul S., assignor to Jones & Vining, Inc., Brockton, Mass. Ventilated shoetree. 2,155,015; Apr. 18.
Jones, Paul S., assignor to Jones & Vining Inc., Brockton, Mass. Shoe last and protector therefor. 2,167,611; July 25.
Jones, Paul S., assignor to Jones & Vining, Inc., Brockton, Mass. Last. 2,168,292; Aug. 1.
Jones, Paul S., assignor to Jones & Vining, Inc., Brockton, Mass. Shoe tree. 2,169,151; Aug. 8.
Jones, Percy R., Lakeville, assignor of one-third to B. Osborne, Clinton, Mass., and one-third to M. H. Van Bergh, New York, N. Y. Flexible pipe or tubing. 2,168,067; Aug. 1.
Jones, Percy (Twinlock) Limited. (See Bigg, H. T., and Sunderland, assignors.)
Jones, Ralph S. S. (See Armstrong, H., and Jones.)
Jones, Raymond. (See Strash, Lewis, assignor.)
Jones, Richard W. (See Williams, H. W., and Jones.)
Jones, Robert C., Brooklyn, assignor of fifty-five per cent to E. C. Gillette, seven and one-half per cent to M. H. Goldson, and seven and one-half per cent to S. Moanfeldt, New York, N. Y. Vacuum brake booster. 2,142,514; Jan. 3.
Jones, Robert F., U. S. Navy. Safety device for use on aircraft employing retractable landing gear. 2,148,471; Feb. 28.
Jones, Robert I., Van Nuys, assignor of forty-two per cent to R. N. Wilson and ten per cent to S. Tannen, Los Angeles, and six per cent to L. D. Wilson, North Hollywood, Calif. Electric heating unit. 2,179,934; Nov. 14.
Jones, Robert R., Akron, assignor to Ohio Ferro-Alloys Corporation, Canton, Ohio. Electrode clamp. 2,179,153; Nov. 7.
Jones, Roy C. (See Marbury, H. B., and Jones.)
Jones, Roy W., Hialeah, Fla. Automatic protector against overheating and lack of oil or oil pressure. 2,162,174; June 13.
Jones, Ruel A., Covington, Ky. Making soap cakes. 2,179,853; Nov. 14.
Jones, Russell N., and G. G. Gomez, Johnsonburg, Pa., assignors to Castenea Paper Company. Electrolytic cell. 2,153,569; Apr. 11.

Jones, Thomas H., Woodthorpe, and R. K. Mills, Sherwood, assignors to Hosiery Developments Limited, Nottingham, England. Knitting machine and in the production of fabric thereon. 2,142,754; Jan. 3.
Jones, Thomas M., assignor to Mather & Platt Limited, Newton Heath, Manchester, England. Apparatus for cooking and cooling canned goods. 2,176,818; Oct. 17.
Jones, Tom A., et al. (See Reynolds, Bennie S., assignor.)
Jones & Vining, Inc. (See Jones, Paul S., assignor.)
Jones, W. Bartlett. (See Jones, Linus H., assignor.)
Jones, W. Bartlett, Chicago, Ill. Plant container covering. 2,152,648; Apr. 4.
Jones, W. Bartlett, assignor, by mesne assignments, to Consolidated Carton Inc., Chicago, Ill. Cellular carton and structure therefor. 2,152,649; Apr. 4.
Jones, W. Bartlett, assignor to The Griffith Laboratories, Inc., Chicago, Ill. Weighing scale indicator. 2,157,705; May 9.
Jones, W. Bartlett, assignor to The Griffith Laboratories, Inc., Chicago, Ill. Weighing and weight change indicating device. 2,157,706; May 9.
Jones, W. Bartlett, assignor, by mesne assignments, to Consolidated Carton Inc., Chicago, Ill. Divisible carton. 2,158,072; May 16.
Jones, Walter, Princeton, assignor to Carrier Corporation, Newark, N. J. Refrigerating method and apparatus. 2,145,692; Jan. 31.
Jones, Walter H., Bothell, Wash. Portable display rack. 2,154,622; Apr. 18.
Jones, Walter I., Arlington, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Slip cover installation and fastener for the same. 2,159,383; May 23.
Jones, Walter I., Arlington, assignors to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener member. 2,164,014; June 27.
Jones, Walter W., El Paso, Tex. Massaging machine. 2,143,320; Jan. 10.
Jones, Warren E., Chicago, Ill. Eraser, erasing material, and forming the same. 2,164,035; June 27.
Jones, Watkin F., Upper Darby, Pa. Railroad track. 2,153,624; Apr. 11.
Jones, Watkin F., Upper Darby, Pa. Toy train tie. 2,153,625; Apr. 11.
Jones, Weston E., et al. (See Mohler, James V., assignor.)
Jones, Wilbur C., Washington, D. C. Match holder. 2,151,116; Mar. 21.
Jones, Wilbur L., New York, N. Y., and E. H. McLeod, Rutherford, N. J., assignors to Interchemical Corporation, New York, N. Y. Multicolor intaglio printing. 2,147,651; Feb. 21.
Jones, Wm. C., Envelope Co. (See Jones, George W., assignor.)
Jones, William J., Forest Hills, N. Y., assignor to Talon, Inc. Garment. 2,162,697; June 20.
Jones, William L., Los Angeles, Calif. Practice golf club. 2,157,415; May 9.
Jones, William O. (See Davies, J. S. H., and Jones.)
Jones, William T., Newton, and O. E. Hartford, Malden, assignors to Barnes & Jones, Incorporated, Jamaica Plain, Mass. Orifice device. 2,169,359; Aug. 15.
Jones, Willie F., Anderson, S. C. Apparatus for conditioning cotton. 2,161,170; June 6.
Jonker, Johan L. H., and A. J. W. M. van Overbeek, Eindhoven, Netherlands, assignors to N. V. Philips' Gloeilampenfabrieken. Electron discharge device. 2,143,916; Jan. 17.
Jonker, Johan L. H., and A. J. W. M. Van Overbeek, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Heterodyne receiver. 2,145,356; Jan. 31.
Jonker, Johan L. H., E. H. Löpp, A. J. W. M. van Overbeek, and H. Filippo, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Secondary electron discharge tube. 2,146,580; Feb. 7.
Jonker, Johan L. H., and B. O. M. Gali, assignors to N. V. Philips Gloeilampenfabriken, Eindhoven, Netherlands. Electron discharge device. 2,159,765; May 23.
Jonker, Johan L. H., E. H. Löpp, and A. J. W. M. van Overbeek, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Secondary electron emitting screen tube. 2,171,214; Aug. 29.
Jonkhoff, Henri W., Arnhem, Netherlands, assignor to T. A. Peterman, Tacoma, Wash. Bogie construction. Re. 21,009; Feb. 21.
Jonkhoff, Henri W., Arnhem, Netherlands. Steerable bogie for vehicles. 2,182,437; Dec. 5.
Jonsson, Anders J., Linkoping, Sweden. Tool for the manufacture of container caps of sheet metal. 2,148,906; Feb. 28.
Jonsson, Anders J., Linkoping, Sweden. Device for producing sealing disk sets for closure cap shells. 2,154,508; Apr. 18.
Jonsson, Josef E., Linkoping, Sweden. Capping machine. 2,177,141; Oct. 24.
Jonville, Charley, Neuville-en-Ferrain, and P. Ferlay, Paris, France. Internal combustion engine. 2,151,853; Mar. 28.
Jonz, J. P., et al. (See Burton, Edgar F., assignor.)
Joos, Charles E. (See Rohlin, V. A., and Joos.)
Joos, Charles E., assignor to Cochrane Corporation, Philadelphia, Pa. Water softening system. 2,142,515; Jan. 3.
Joost, William E., Oakland, Calif. Lubricating system. 2,178,756; Nov. 7.
Jordan, A. H. B. (See Babcock, Garrison, assignor.)
Jordan, Alice M., executrix. (See Playfair, A. F., Brisbin, and Jordan.)
Jordan, Claude W., Paoli, Pa., assignor to The United Gas Improvement Company. Gas purification. 2,181,433; Nov. 28.
Jordan, Cornelius, and E. J. Hubelmeyer, Little Ferry, N. J., assignors to United American Metals Corporation, Brooklyn, N. Y. Metal feeding apparatus. 2,171,181; Aug. 29.
Jordan, Henry. (See Murphy, A. R., and Jordan.)
Jordan, Henry, and S. S. Rossander, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dye. 2,164,524; July 4.
Jordan, Henry, and S. S. Rossander, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes. 2,178,757; Nov. 7.
Jordan, Hubert F., Nutley, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Method and apparatus for filtering. 2,173,256; Sept. 19.
Jordan, James D. (See Preston, C. W., Ellis, and Jordan.)
Jordan, James D., Oak Park, and D. F. Ellis and C. W. Preston, assignors to General Household Utilities Company, Chicago, Ill. Boiler feeder. 2,183,101; Dec. 12.
Jordan, John F. (See Kock, W. E., and Jordan.)
Jordan, John F., assignor to The Baldwin Company, Cincinnati, Ohio. Shielded multiple discharge tube. 2,150,800; Mar. 14.
Jordan, Lavern J., Fairview Village, and C. C. Walters, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Reel for drying thread or the like. 2,173,001; Sept. 12.
Jordan, Lavern J., Fairview Village, and W. F. Knebusch, Rocky River, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Drying reel. 2,173,002; Sept. 12.
Jordan, Leo C., Peoria, Ill. Valve. 2,167,952; Aug. 1.
Jordan, Richard H., New Haven, Conn. Ornament. 2,148,990; Feb. 28.
Jordan, Rowland C. (See Playfair, A. F., Brisbin, and Jordan.)
Jordan, Thomas G. (See Ragsdale, E. J. W., Conwell, and Jordan.)
Jordan, Wayne D., New Rochelle, and P. D. Van Vliet, assignors to Savage Arms Corporation, Utica, N. Y. Hold-over refrigerator unit. 2,145,308; Jan. 31.
Jordan, William H. (See Reynolds, W. C., and Jordan.)
Jordan, William H. (See Roper, John, assignor.)
Jordan, William J., Jr., Algiers, La. Plaster base unit. 2,164,069; June 27.
Jordan, Wolfgang, Schweinfurt, Germany. Freewheel hub with coaster brake. 2,151,324; Mar. 21.
Jordhoy, Hans C., North Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Ink-motion carriage. 2,170,025; Aug. 22.
Jordre, William S. (See Trainer, J. E., Ziegler, Yeo, and Jordre.)
Jörg, Paul. (See Heyna, H., and Jörg.)
Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Stiffener placing machine. 2,150,279; Mar. 14.
Jorgensen, Bernhart, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and apparatus for operating on shoes. 2,154,453; Apr. 18.
Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for shaping uppers over lasts. 2,156,393; May 2.
Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,156,394; May 2.
Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Buffing machine. 2,170,901; Aug. 29.
Jorgensen, Bernhardt, Marblehead, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for shaping uppers over lasts. 2,181,896; Dec. 5.
Jorgensen, Clarence H., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Automatic choke for carburetors. 2,148,816; Feb. 28.
Jorgensen, Clarence W., assignor to Superior Fastener Corporation, Chicago, Ill. Sash fastener. 2,184,674; Dec. 26.
Jorgensen, Enoch B., assignor, by mesne assignments, to Viber Company, Los Angeles, Calif. Vibrating machine. 2,142,273; Jan. 3.
Jørgensen, Holger, Copenhagen, Denmark, assignor, by mesne assignments, to N. V. Noury & van der Lande's Exploitatie Maatschappij, Deventer, Netherlands. Improving the baking strength of flour. 2,149,682; Mar. 7.
Jorgensen, Jacob C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe machine. 2,143,881; Jan. 17.
Jorgensen, Jacob C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on shoes. 2,153,570; Apr. 11.

Jorgensen, Knud C., Auckland, Auckland, New Zealand. Expansion joint for roofing and the like surfaces. 2,180,904; Nov. 21.
Jörgensen, Mathias O., and M. P. Weibel, Copenhagen, Denmark. Method and means for measuring voltages. 2,177,569; Oct. 24.
Jorgenson, Arthur P., Racine, Wis., assignor to Landon P. Smith, Inc., Irvington, N. J. Holder. 2,149,142; Feb. 28.
Jorgenson, John P., Racine, Wis., assignor to Ayrmor Laundry Machinery Co., Chicago, Ill. Dry cleaning apparatus. 2,144,157; Jan. 17.
Jorling, Joseph H., Cincinnati, assignor to The McDonald Printing Company, Norwood, Ohio. Soap package. 2,163,228; June 20.
Jorolemon, Earl W., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Air heating and conditioning unit. 2,160,269; May 30.
Josam Manufacturing Company, The. (See Feighan, Edward M., assignor.)
Joselyn, Lynn T., Des Moines, Iowa. Permanently waving hair. 2,143,700; Jan. 10.
Joseph, Alex, Amsterdam, Netherlands. Expanding device for tubular envelopes. 2,168,993; Aug. 8.
Josephs, Henry, assignor to J. E. and H. E. Hoell, copartners doing business as Hoell Brothers Machine Shop, Green Bay, Wis. Paper cutting and folding mechanism. 2,177,722; Oct. 31.
Josephs, Lyman C., Jr., Allentown, Pa. Transmission. 2,174,662; Oct. 3.
Josephson, Helmer G., Saugus, Mass. Armored shoe. 2,151,554; Mar. 21.
Josephus, Joseph, Oakland, Calif. Freeze eliminator for dining car drains and the like. 2,160,475; May 30.
Josinsky, Joseph. (See Hylton, W. I., and Josinsky.)
Joslyn Mfg. and Supply Co. (See Yonkers, Edward H., Jr., assignor.)
Joslyn, Stuart S., assignor to H. C. Bates, Chester, Conn. Manicure or sewing kit or the like. 2,167,213; July 25.
Joss, Ernest J., Cranston, R. I., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Method and apparatus for tensioning and winding resilient thread. 2,179,094; Nov. 7.
Josselyn, John, Administrator, et al. (See de la Cierva, Juan, assignor.)
Jourdan, Lionel F., and H. A. Levey, New Orleans, La. Corrosion-resistant battery terminal. 2,159,854; May 23.
Journal Box Servicing Corporation. (See Bissell, W. T., and Potter, assignors.)
Journeaux, Didier, Wauwatosa, and S. R. Durand, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Aural stroboscope. 2,174,176; Sept. 26.
Journeaux, Didier, Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Motor control system. 2,175,547; Oct. 10.
Joy Fastener Company. (See Arentzen, Einar M., assignor.)
Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Electrical controlling apparatus. 2,148,472; Feb. 28.
Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Electrical controlling apparatus. 2,148,473; Feb. 28.
Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Hoisting mechanism. 2,149,889; Mar. 7.
Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Mine pump. 2,157,132; May 9.
Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Material handling apparatus. 2,161,547; June 6.
Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Truck. 2,161,818; June 13.
Joy, Joseph F., and C. P. Baldwin, Claremont, N. H., assignors to Sullivan Machinery Company. Mining machine. 2,162,722; June 20.
Joy, Joseph F., Marion, Ohio, assignor to Sullivan Machinery Company, Chicago, Ill. Coal cutting machine. 2,163,341; June 20.
Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Hoisting mechanism. 2,165,895; July 11.
Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 2,170,331; Aug. 22.
Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine. 2,180,359; Nov. 21.
Joy, Joseph F., Claremont, N. H., assignor to Sullivan Machinery Company. Method of and apparatus for mining. 2,182,127; Dec. 5.
Joy Manufacturing Company. (See Arentzen, Einar M., assignor.)
Joy, Robert W., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Light and load brake. 2,146,299; Feb. 7.
Joyce, Bryan P., East Orange, N. J., assignor to American Armament Corporation, New York, N. Y. Gun firing mechanism. 2,142,132; Jan. 3.
Joyce, Bryan P., East Orange, N. J., assignor to American Armament Corporation, New York, N. Y. Telescopic gun-sight reticule. 2,154,454; Apr. 18.
Joyce-Gridland Company, The. (See Hott, Ion V. K., assignor.)
Joyce, Harold L., assignor to Jas. P. Marsh Corporation, Chicago, Ill. Combined Bourdon tube and trap. 2,170,561; Aug. 22.
Joyce, Robert L., Columbus, Ohio. Display device. 2,174,942; Oct. 3.
Joyce, Thomas J., Pittsburgh, Pa., and T. W. Delanty, Hubbard Woods, Ill., assignors to Tri-Lok Company, Pittsburgh, Pa. Walkway, particularly for rail cars. 2,179,634; Nov. 14.
Jubilee Manufacturing Co. (See Nielsen, Peter, assignor.)
Judd, Irving H., Dearborn, assignor to Whitehead & Kales Company, River Rouge, Mich. Motor vehicle transport. 2,169,648; Aug. 15.
Judd, Morton F., Stratford, Conn., assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Friction facing and making same. 2,175,399; Oct. 10.
Judell, Julius S., assignor to Milwaukee Flush Valve Company, Milwaukee, Wis. Plumbing fixture. 2,173,064; Sept. 12.
Judelshon, Oscar I., Park Ridge, N. J. Clutch. 2,183,401; Dec. 12.
Judge, Joseph D., assignor to The Hamilton Foundry and Machine Company, Hamilton, Ohio. Hardening camshafts and the like. 2,178,281; Oct. 31.
Judge, Thomas J., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,145,795; Jan. 31.
Judge, Thomas J., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,155,554; Apr. 25.
Judge, Thomas J., Rio de Janeiro, Brazil, assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,156,042; Apr. 25.
Judsen, Nils A. (See Rose, M., and Judsen.)
Judsen, Nils A., and M. Rose, assignors to Kellogg Switchboard & Supply Company, Chicago, Ill. Wall telephone set. Des. Re. 20,999; Feb. 7.
Judson, Alfred O. (See Pilliod, G. L., and Judson.)
Judson, Walter E., Sylvania, Ohio. Scraper attachment for push brooms. 2,163,979; June 27.
Judson, William B., Santa Monica, assignor to J. A. Winans, Los Angeles, Calif. Treating ore. 2,143,073; Jan. 10.
Juenger, Otto F. (See Hoffman, R. W., and Juenger.)
Juergens, Fred C. (See Ricard, Elzear J., assignor.)
Juettner, Bernard, assignor to Carnegie Institute of Technology, Pittsburgh, Pa. Manufacture of mellitic acid. 2,176,348; Oct. 17.
Juilfs, Albert G., Newtown, and O. H. Juilfs, Cincinnati, assignors to Springtramp Eliminator Co., Newtown, Ohio. Adjuster. 2,176,629; Oct. 17.
Juilfs, Otto H. (See Juilfs, Albert G. and O. H.)
Julien, Louis F., F. R. Smith, and E. L. Billing, assignors to Chamberlin Metal Weather Strip Company, Detroit, Mich. Window screen. 2,173,334; Sept. 19.
Julien, Maurice F. A., Paris, France. Suspension of vibrating bodies. 2,172,706; Sept. 12.
Julien, Maurice F. A., Paris, France. Resilient coupling. 2,172,707; Sept. 12.
Juliot, Joseph, assignor to Northern Wisconsin Manufacturing Co., Pepin, Wis. Harrow. 2,177,570; Oct. 24.
Julius, Arthur D., assignor to Miner's, Inc., New York, N. Y. Container for rouge and the like. 2,171,339; Aug. 29.
Julius, John H. W. (See Thege, E. O. P., and Julius.)
Jullmann, Ernst, assignor to C. Neithold, Frankfort-on-the-Main, Germany. Holder for transparent pictures. 2,148,124; Feb. 21.
Jumonville, Joseph A., New Orleans, La. Shade bracket. 2,156,182; Apr. 25.
Jump, George H., Buffalo, N. Y., assignor to General Electric Company. Regulating device. 2,176,716; Oct. 17.
Jump, Willard H. (See Page, J. W., and Jump.)
Jumper, Frank J., Omaha, Nebr., and G. G. Gilpin, Riverside, assignors to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Railway car end structure. 2,185,168; Dec. 26.
Jung, Adolf, Dessau, Germany, assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Manufacture of photographic materials. 2,173,480; Sept. 19.
Jung, Albert H., Flushing, New York. Babbitt metal bar. 2,146,678; Feb. 7.
Jung, Albert H., Flushing, assignor to United American Metals Corporation, Brooklyn, N. Y. Slip-off ingot. 2,145,766; Jan. 31.
Jung, Albert H., Flushing, assignor to United American Metals Corporation, Brooklyn, N. Y. Ingot for feeding machines. 2,157,097; May 9.
Jung, Albert H., Flushing, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Attachment for collapsible tubes. 2,161,516; June 6.
Jung, Albert H., Flushing, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Applicator. 2,164,244; June 27.
Jung, Albert H., Flushing, assignor to United American Metals Corporation, Brooklyn, N. Y. Casting apparatus. 2,169,885; Aug. 15.
Jung, Henry, Manhattan, Ill. Preparing yeast raised dough for baking. 2,152,593; Mar. 28.

Jung, Karl, Rheinfelden in Baden, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacturing vinyl halides. 2,183,240; Dec. 12.
Jung, Oscar H., and P. E. Heffelfinger, Milwaukee, Wis. Oiler. 2,165,634; July 11.
Jung, Reinhard. (See Martin, F., Tramm, and Jung.)
Jungbecker, Alfred A., Houston, Tex. Ice shaving machine. 2,145,421; Jan. 31.
Junghans, Helmut, Schramberg-Sulgen, Germany. Mechanical time fuse. 2,153,758; Apr. 11.
Junghans, Helmut, Schramberg-Sulgen, Germany. Controlling pendulum clocks. 2,158,723; May 16.
Junghans, Helmut, Schramberg-Sulgen, Wurtemberg, Germany. Movable dustproof bush for winding keys. 2,162,309; June 13.
Junghans, Helmut, Schramberg-Sulgen, Germany. Barrel safety means for fuses. 2,167,302; July 25.
Junghans, Helmut, Sulgen, near Schramberg, Germany, Mechanical detonator. 2,168,482; Aug. 8.
Junghans, Helmut, Schramberg-Sulgen, Wurtemberg, Germany. Photographic shutter. 2,168,483; Aug. 8.
Junghans, Helmut, Eckenhof in Sulgen, near Schramberg, Germany. Alarm clock. 2,170,079; Aug. 22.
Junghans, Helmut, Schramberg-Sulgen, Wurtemberg, Germany. Pendulum clockwork. 2,179,411; Nov. 7.
Junghans, Helmut, Schramberg-Sulgen, Germany. Clutch releasing mechanism for automatic lathes. 2,179,744; Nov. 14.
Junker, Erich, Berlin-Charlottenburg, and W. Leitgebel, Berlin-Wilmersdorf, Germany. Melting up light metal scrap. 2,170,863; Aug. 29.
Junkers & Co. G. m. b. H. (See Hegwein, Georg, assignor.)
Junkers & Co. G. m. b. H. (See Lorenz, W., and Steinhardt, assignors.)
Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. See Gausmann, Carl, assignor.)
Junkers Flugzeug- und-Motorenwerke Aktiengesellschaft. (See Gerlach, Manfred, assignor.)
Junkers Flugzeug- und Motorenwerke Aktiengesellschaft. (See Kotz, F., and Bergmann, assignors.)
Junkers Flugzeug- und-Motorenwerke Aktiengesellschaft. (See Mader, Otto, assignor.)
Junkers Flugzeug- und Motorenwerke Aktiengesellschaft. (See Neugebauer, Franz, assignor.)
Junkers Flugzeug- und-Motorenwerke Aktiengesellschaft. (See Scheibe, Alfred, assignor.)
Junkers Flugzeug- und-Motorenwerke Aktiengesellschaft. (See Steudel, Hans, assignor.)
Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. (See Steuerlein, Gustav, assignor.)
Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. (See von Schlippe, Boris, assignor.)
Junkers Flugzeug- und Motorenwerke Aktiengesellschaft. (See Wagner, H., and Meyer, assignors.)
Junkers-Flugzeug- und-Motorenwerke Aktiengesellschaft. (See Wagner, H., and Muttray, assignors.)
Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. (See Wogeck, Walter, assignor.)
Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft. (See Wolf, Erich, assignor.)
Junkers Flugzeug-und Motorenwerke Aktiengesellschaft. (See Zindel, Ernst, assignor.)
Junkers, Therese. (See Griebsch, Franz, assignor.)
Junkins, Raymond D., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Operating vapor generators. 2,170,351; Aug. 22.
Juns Corporation Limited. (See Duffield, William A., assignor.)
Jurale, Bernard, South Meriden, Conn. Poultry feed. 2,170,562; Aug. 22.
Juriga, Anton, Kothen, Germany, assignor to International Business Machines Corporation, New York, N. Y. Sorting machine. 2,153,191; Apr. 4.
Jurkat, Gerhard, Hoboken, N. J. Cable connection. 2,176,137; Oct. 17.
Jurriaanse, Tom, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Mercury cathode discharge tube. 2,183,102; Dec. 12.
Jurs, Albert E., Piedmont, Calif. Liquid level indicator. 2,144,113; Jan. 17.
Jurs, Albert E., Piedmont, Calif. Gas flow regulator. 2,161,171; June 6.
Jury, Aaron C., Bloomsburg, Pa. Support for coal chutes and the like. 2,147,347; Feb. 14.
Justheim, Clarence I., et al. (See Woodbury, Elias L., assignor.)
Justheim, Clarence I., Salt Lake City, Utah. Refrigerator. 2,170,332; Aug. 22.
Justheim, Clarence I., Salt Lake City, Utah. Refrigerated display stand. 2,178,042; Oct. 31.
Justrite Manufacturing Company. (See Brown, Le Roy O., assignor.)
Juthe, Kristian A., Newton Center, assignor to American Electric Furnace Company, Dorchester, Mass. Apparatus for continuous heating and cooling of metals. 2,182,616; Dec. 5.
Jutson, Robert P., Halesite, N. Y., and J. L. Larew, South Amboy, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier line power supply. 2,153,329; Apr. 4.
Jutting, Bernhard G., New Brunswick, N. J. Rotary Diesel engine. 2,170,414; Aug. 22.
Juul, Jens. (See Wendell, Elmer R., assignor.)
Jyrch, Herbert, Dresden, Germany. Loudspeaker. 2,174,128; Sept. 26.
K-D Manufacturing Company. (See Kulp, Harry W., assignor.)
K-D. Manufacturing Company. (See Kulp, H. W., and Dellinger, assignors.)
K. D. S. Corporation. (See Klemm, Emil R., Jr., assignor.)
K. L. G. Sparking Plugs Limited. (See Carington, Charles M., assignor.)
K and R Manufacturing Company, The. (See Kurpiewski, Felix, assignor.)
K-Z Company. (See Kidwell, Clarence, assignor.)
Kaak, Kurt, assignor to The Narow Fabric Company, West Reading, Pa. Warp knit fabric. 2,159,615; May 23.
Kaasa, Gilbert O., Keewatin, Minn. Tool stand. 2,160,311; May 30.
Kaase, Walther and E. Waltmann, Krefeld, Germany, assignors to Heberlein Patent Corporation, New York, N. Y. Rendering textiles water repellent. 2,171,791; Sept. 5.
Kaase, Walther, and E. Waltmann, Krefeld, Germany, assignors to Heberlein Patent Corporation, New York, N. Y. Process for the enablement of textile materials and products therefrom. 2,172,475; Sept. 12.
Kabushiki Kaisha Wakamoto Honpo Eiyo To Ikuji No Kai. (See Kawata, Matajiro, assignor.)
Kabushiki-Kaisha Takeda Chobei Shoten. (See Matukawa, T., and Ohta, assignors.)
Kach, Arthur R., Ashtabula, Ohio. Tooth paste or shaving cream dispenser. 2,179,012; Nov. 7.
Kachel, Henry W., Youngstown, Ohio. Apparatus for table tennis games. 2,174,884; Oct. 3.
Kacur, Michael. (See Hornack, John, assignor.)
Kadavy, Godfrey J., Omaha, Nebr. Instrument for drawing blood. 2,164,711; July 4.
Kadco Corporation. (See Kelley, George S., assignor.)
Kaddeland, Christen R., Shelton, Conn., assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Gravure printing press. 2,177,656; Oct. 31.
Kadel, Byers W., Baltimore, Md., and D. S. Barrows, assignors to The Symington-Gould Corporation, Rochester, N. Y. Railway vehicle. 2,155,662; Apr. 25.
Kaden, Karl, assignor to No-Sag Spring Company, Frankenberg, Bez. Chemnitz, Germany. Spring and making the same. Re. 21,263; Nov. 14.
Kadenacy, Michel, Paris, France, assignor of one-half to Armstrong Whitworth Securities Company, Limited, London, England. Internal combustion engine. 2,144,065; Jan. 17.
Kadenacy, Michel, Paris, France. Internal combustion engine. 2,147,200; Feb. 14.
Kadenacy, Michel, Paris, France. Exhaust device for internal combustion engines. 2,167,303; July 25.
Kadenacy, Michel, Paris, France. Exhaust passage of two-stroke internal combustion engines. 2,168,528; Aug. 8.
Kadri, Vassaf, assignor, by direct and mesne assignments, of thirty per cent to N. Rejeb, New York, and twenty-five per cent to M. Bagdadi, Brooklyn, N. Y. Abrading machine. 2,158,940; May 16.
Kaegi, Anna E., special administratrix. (See Kaegi, Emil M.)
Kaegi, Emil M., deceased, by A. E. Kaegi, Wauwatosa, special administratrix, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Vapor electric device. 2,167,844; Aug. 1.
Kaegi, Hans. (See Miescher, K., and Kaegi.)
Kaegi, Hans. (See Miescher, K., Kaegi, and Plattner.)
Kaegi, Hans. (See Ruzicka, L., Wettstein, and Kaegi.)
Kaess, Franz J. (See Franck, H. H., and Kaess.)
Kafka, Wilhelm, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Dry rectifier plant. 2,165,055; July 4.
Kafka, Wilhelm, Berlin-Siemensstadt, and W. Meenen, Berlin-Friedenau, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding machine. 2,175,841; Oct. 10.
Kafoury, Josephine K. (See Ogle, John P., assignor.)
Kagan, Benjamin M., Baltimore, Md. Apparatus for determining the specific gravity for liquid media and the protein content of blood. 2,166,842; July 18.
Kagan, William, St. Louis, Mo. Apparatus for magnetically cleaning cotton. 2,163,242; June 20.
Kagen, Kenneth S., assignor to Keystone Paper Box Company, Incorporated, York, Pa. Article container. 2,162,089; June 13.
Kägi, Emil, assignor to Sulzer Frères Société Anonyme, Winterthur, Switzerland. Regrigerating system. 2,154,905; Apr. 18.
Kägi, Emil, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Apparatus for the compression of gases. 2,155,051; Apr. 18.
Kagon-Chabchay, Alexandre. (See Chabchay, Alexander F. K.)
Kahl, Arthur R., assignor to The General Electric Company Limited, Coventry, England. Telephone system. 2,172,874; Sept. 12.
Kahlerth, Carl W. (See Smaltz, J. C., and Kahlerth.)
Kahliff, William T., Elyria, Ohio. Clamp for grounding electrical equipment. 2,183,680; Dec. 19.

Kahn, Albert C., Tomahawk, Wis. Swimming sandal. 2,172,938; Sept. 12.
Kahn, Albert, Inc. (See Schurman, John, assignor.)
Kahn, Benjamin, assignor to Kinetic Cycle Research Corporation, New York, N. Y. Radial engine structure. 2,154,402; Apr. 11.
Kahn, Benjamin, assignor to Kinetic Cycle Research Corporation, New York, N. Y. Masterless connecting rod mechanism for radial engines or pumps. 2,166,909; July 18.
Kahn, Benjamin, assignor to Kinetic Cycle Research Corporation, New York, N. Y. Connecting rod bearing assembly for internal combustion engines. 2,174,981; Oct. 3.
Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Stove. 2,152,261; Mar. 28.
Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Cooking stove. 2,166,442; July 18.
Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Stove. 2,171,933; Sept 5.
Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Stove. 2,176,075; Oct. 17.
Kahn, Bertrand B., Cincinnati, assignor to The Estate Stove Company, Hamilton, Ohio. Stove. 2,176,076; Oct. 17.
Kahn, David, Inc. (See Kahn, David, assignor.)
Kahn, David, Inc. (See Weisser, Karl, assignor.)
Kahn, David, Inc. (See Zimmer, Edward, assignor.)
Kahn, David, Woodcliff, assignor to David Kahn, Inc., North Bergen Township, N. J. Pen desk set. 2,150,065; Mar. 7.
Kahn, David, Woodcliff, assignor to David Kahn, Inc., North Bergen Township, Hudson County, N. J. Making pens, and strip for pen blanks. 2,183,572; Dec. 19.
Kahn, David, Woodcliff, assignor to David Kahn, Inc., North Bergen Township, Hudson County, N. J. Production of pens. 2,183,573; Dec. 19.
Kahn, Frederick L., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 2,183,649; Dec. 19.
Kahn, Julian, New York, N. Y. Apparatus for mixing a liquid with a gas. 2,170,531; Aug. 22.
Kahn, Julius. (See Schulz, Walter F., assignor.)
Kahn, Julius, and W. F. Schulz, Youngstown, assignors to Republic Steel Corporation, Cleveland, Ohio. Roofing structure. 2,153,119; Apr. 4.
Kahn, Julius, and W. F. Schulz, Cleveland Heights, assignors to Republic Steel Corporation, Cleveland, Ohio. Thread protector. 2,156,221; Apr. 25.
Kahn, Julius, and W. F. Schulz, Youngstown, assignors to Republic Steel Corporation, Cleveland, Ohio. Thread protector. 2,159,929; May 23.
Kahn, Milton, Long Island City, assignor to Novelart Mfg. Co., New York, N. Y. Envelope. 2,163,041; June 20.
Kahn, Myrtil, Cologne-Riehl, Germany. Permanent ways. 2,146,341; Feb. 7.
Kahn, Robert L., Chicago, Ill. Gear shifting mechanism. 2,182,438; Dec. 5.
Kahn, Robert S., Brooklyn, N. Y. Burglar-alarm wall construction. 2,170,026; Aug. 22.
Kahn, Siegfried, and E. Beyer, assignors to the firm Vereinigte Spielwarenfabriken Andreas Fortner & J. Hoffners Nachf. G. m. b. H., Nuremberg, Germany. Track for toy railways. 2,143,195; Jan. 10.
Kähr, Gustaf, Nybro, Sweden. Laminated wooden plate. 2,153,715; Apr. 11.
Kaier, Richard, Cranford, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Adjustable eccentric for sewing machines. 2,161,579; June 6.
Kaier, Richard, Cranford, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Sewing machine. 2,172,559; Sept. 12.
Kaimer, Fred R., York, Pa., assignor to General Electric Company. Electrical cable. 2,182,667; Dec. 5.
Kaimer, Fred R., York, Pa., assignor to General Electric Company. Electrical conductor and insulation therefor. 2,182,668; Dec. 5.
Kaiser, August, Ferndale, assignor to Chrysler Corporation, Highland Park, Mich. Seat. 2,177,892; Oct. 31.
Kaiser, Christian J., Great Falls, assignor of five per cent to W. H. and I. McQueary, Ferdig, Mont. Pipe cleaner. 2,184,220; Dec. 19.
Kaiser, Irvin B., Lyons, N. Y. Automobile tire. 2,167,277; July 25.
Kaiser, Karl B. (See Weddell, R. R., and Kaiser.)
Kaiser, Otto, St. Ingbert, Germany. Control means for valves for concrete delivery pumps. 2,170,080; Aug. 22.
Kaiser, Otto, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs and making same. 2,169,152; Aug. 8.
Kaiser, Rae, et al. (See Brenner, Robert R., assignor.)
Kaiser, Rudolf, Planitz, near Zwickau, Germany. Spring supported seat for motor vehicles. 2,142,358; Jan. 3.
Kaiser, Wilhelm J. (See Hentrich, W., Lainau, and Kaiser.)
Kaiser, Wilhelm, and H. Balke, Lichtenberg, Berlin, Germany, assignors to National Malleable and Steel Castings Company, Cleveland, Ohio. Train line connector. 2,169,068; Aug. 8.
Kaiser, William F., assignor to J. Spievak, Youngstown, Ohio. Artificial ankle joint. 2,183,076; Dec. 12.
Kalamazoo Sled Company. (See Kidder, William E., assignor.)
Kalamazoo Stove & Furnace Company. (See Esson, Edwin, assignor.)
Kalamazoo Vegetable Parchment Company. (See Hayward, Ralph A., assignor.)
Kalb, Bernard J., Houston, Tex. Sign. 2,145,880; Feb. 7.
Kalb, Daniel S., Chatfield, Ohio. Trailer hitch and frame. 2,150,066; Mar. 7.
Kalbfell, Charles, New York, N. Y. Detachable interconnecting chain link. 2,182,439; Dec. 5.
Kalbfleisch, Oscar C., Mansfield, Ohio. Tire spreader. 2,167,981; Aug. 1.
Kalbskopf, Walter, assignor to Suddeutsche Apparate-Fabrik G. m. b. H., Nuremburg, Germany. Voltage-compensating transformer. 2,173,905; Sept. 26.
Kaldnes Mek. Verksted A/S. (See Damsleth, Olaf, assignor.)
Kalencik, Paul, New York, N. Y. Analyzer plug. 2,163,201; June 20.
Kali-Chemie Aktiengesellschaft. (See Rüsberg, Friedrich, assignor.)
Kali-Chemie Aktiengesellschaft. (See Würstlin, Karl, assignor.)
Kali-Forschungs-Anstalt G. m. b. H. (See Heinen, Will, assignor.)
Kalin, Walter, Ramsey, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Manufacture of electroacoustic devices. 2,173,481; Sept. 19.
Kalinowski, Anthony S., Chicago, Ill., assignor to Rand McNally & Company. Coupon book. 2,183,241; Dec. 12.
Kalio, Inc. (See Eissner, Erich, assignor.)
Kalio, Inc. (See Lieberknecht, Karl R., assignor.)
Kalio, Inc. (See Miller, Otto, assignor.)
Kalio, Inc. (See Verbeek, Arnold, assignor.)
Kalischer, Milton, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerator unit. 2,159,592; May 23.
Kalischer, Milton, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,166,158; July 18.
Kalischer, Milton, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,173,082; Sept. 12.
Kalischer, Philip R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Brazing alloy. 2,161,057; June 6.
Kalischer, Philip R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Drawing small diameter wires. 2,165,056; July 4.
Kalishe, Casey. (See Elsby, W., and Kalishe.)
Kalks, Erna. (See Kalks, Max E., assignor.)
Kalks, Max E., New York, assignor to E. Kalks, Hemp stead, Long Island, N. Y. Clothes drier. 2,179,216; Nov. 7.
Käll, Alfred, assignor to Telefonaktienbolaget L. M. Ericsson, Stockholm, Sweden. Impression mechanism. 2,148,861; Feb. 28.
Kallander, Ernest L., assignor to Dennison Manufacturing Company, Framingham, Mass. Thermo-adhesive tapes or the like. 2,147,772; Feb. 21.
Kallander, Ernest L., assignor to Dennison Manufacturing Company, Framingham, Mass. Thermoadhesive composition and articles coated therewith. 2,174,885; Oct. 3.
Kallansrud, Albert M. (See Hunefeld, M., and Kallansrud.)
Kalle & Co. Aktiengesellschaft. (See Krieger, W., and Buchner, assignors.)
Kalle & Co., Aktiengesellschaft. (See Neuroth, Hermann, assignor.)
Kalle & Co., Aktiengesellschaft. (See Schmidt, Maximilian P., assignor.)
Kalle & Co. Aktiengesellschaft. (See Schmidt, M. P., and Süs, assignors.)
Kalle & Co., Aktiengesellschaft. (See Schmidt, M. P., and Werner, assignors.)
Kalle & Co. Aktiengesellschaft. (See Schmidt, M. P., Süs, and Werner, assignors.)
Kalle & Co., Aktiengesellschaft. (See Sponsel, Kurt, assignor.)
Kalle & Co. Aktiengesellschaft. (See Sponsel, K., and Daimler, assignors.)
Kalle & Co. Aktiengesellschaft. (See Voss, Julius, assignor.)
Källe, Karl T., Saffle, Sweden. Regulating means with Servomotor. 2,147,977; Feb. 21.
Kallio, William J., Detroit, Mich. Drafting instrument. 2,154,753; Apr. 18.
Kallmann, Heinz E., Ealing, London, and O. Klemperer, Iver, assignors to Electric & Musical Industries Limited, Middlesex, England. Electron discharge device. 2,143,378; Jan. 10.
Kallmeyer, Friedrich W., assignor to Atlas-Werke Aktiengesellschaft, Bremen, Germany. Vibratory system for the transmission and reception of sound waves. 2,153,571; Apr. 11.
Kallmeyer, Wilhelm, Bremen, Germany, assignor to Submarine Signal Company, Boston, Mass. Apparatus for receiving compressional waves. 2,181,132; Nov. 28.

Källner, Gerhard, and G. Krause, Ida-und Marienhutte, near Saarau, Silesia, assignors to Silesia, Verein Chemischer Fabrieken, Ida-und Marienhutte, near Saarau, Germany. Manufacture of polysulphide plastics. 2,151,212; Mar. 21.
Kalman, Nicholas L., Cambridge, Mass. Cativic acid esters and preparing them. 2,152,741; Apr. 4.
Kalman, Nicholas L., Cambridge, Mass. Oxygen derivatives of cativic acid and preparing them. 2,152,742; Apr. 4.
Kalman, Nicholas L., Cambridge, Mass. Cativic acid and preparing it. 2,152,743; Apr. 4.
Kalman, Nicholas L., Cambridge, Mass. Insoluble metal cativates and making them. 2,152,744; Apr. 4.
Kalning, Frederick E., assignor to American Window Shade Machine Company, Inc., Quincy, Mass. Eyeleting machine. 2,176,304; Oct. 17.
Kalow, Leo H. (See Singer, Joseph, assignor.)
Kalter, Harold E. (See Linder, A. J., and Kalter.)
Kaltwasser, Raymond A., Clayton, Mo. Power transmitting mechanism. 2,158,873; May 16.
Kambli, Eduard, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Indigoid dyestuffs. 2,163,094; June 20.
Kamborian, Jacob S. (See Bancroft, A. F., and Kamborian.)
Kamborian, Jacob S. (See Movsesian, Edgar, assignor.)
Kamborian, Jacob S., Newton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 2,165,384; July 11.
Kamborian, Jacob S., Newton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for manufacturing strap sandals. 2,170,864; Aug. 29.
Kamborian, Jacob S., Newton, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Trimming and roughing machine. 2,181,238; Nov. 28.
Kamborian, Jacob S., Newton, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Method and machine for use in making shoes. 2,182,810; Dec. 12.
Kamenarović, Leone, assignor to Fabbrica Italiana Magneti Marelli Societa Anonima, Milan, Italy. Indicator for ignition apparatus. 2,148,817; Feb. 28.
Kamenarovic, Leone, assignor to Fabrica Italiana Magneti Marelli Societa Anonima, Milan, Italy. Crystal-stabilized resonating circuits. 2,154,849; Apr. 18.
Kamenarović, Leone, assignor to Fabbrica Italiana Magneti Marelli Società Anonima, Milan, Italy. Public address system. 2,168,163; Aug. 1.
Kamenarović, Leone, assignor to Fabbrica Italiana Magneti Marelli, Società Anonima, Milan, Italy. Evacuated bulb mount for piezoelectric crystals. 2,178,909; Nov. 7.
Kamiss, Charles B., Flushing, N. Y. X-ray cassette. 2,161,058; June 6.
Kamlet, Jonas. (See Rosenthal, L., and Kamlet.)
Kamlet, Jonas, Brooklyn, N. Y. Preparation of arylnitroalkanols. 2,151,517; Mar. 21.
Kamlet, Jonas, Brooklyn, N. Y. Preparation of alpha-alkylaminoacylophenones. 2,155,194; Apr. 18.
Kamm, Robert A. (See Ganz, H. A., and Kamm.)
Kamm, Robert A., assignor to Electra Sales Corporation, Hartford, Conn. Resistance shunt adapter. 2,177,806; Oct. 31.
Kammer, George S., Budapest, Hungary. Internal combustion engine. 2,153,805; Apr. 11.
Kammerdiner, James A. (See Boulter, George M., assignor.)
Kammerdiner, James A. (See Raymond, Edward F., assignor.)
Kammerer, Fr., A.-G.) (See Kretz, Hans, assignor.)
Kammerer, Fred W., New York, N. Y. Metal weather stripping. 2,167,656; Aug. 1.
Kammerer, Fred W., New York, N. Y. Door saddle. 2,181,812; Nov. 28.
Kampa, George L., Minneapolis, Minn. Speed responsive switch. 2,163,605; June 27.
Kampf, Harry E., Jackson Heights, N. Y., assignor to Neptune Meter Company. Hose locking mechanism for dispensing pumps. 2,184,079; Dec. 19.
Kampf, Henry. (See Richardson, H. C., and Kampf.)
Kämpfer, Adolf, Charlottenburg, Berlin, Germany. Apparatus for removing the solvent from solutions of resilient substances which are applied in considerable thickness to the single sheets of laminated glass for forming the nonsplintering intermediate layers. 2,148,696; Feb. 28.
Kampfer, Adolf, Charlottenburg, Berlin, Germany. Extruding plastic masses onto sheets. 2,154,333; Apr. 11.
Kämpfer, Adolf, Charlottenburg, Berlin, Germany. Apparatus for the production of foils and plates, particularly from highly elastic polymerization products. 2,175,961; Oct. 10.
Kampmeier, Frederick J., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool. 2,160,476; May 30.
Kampschulte, Josef, Osnabruck, Germany. Atomizer for liquids. 2,154,941; Apr. 18.
Kamrath, Herbert G., Flint, assignor to General Motors Corporation, Detroit, Mich. Combination air cleaner and silencer. 2,143,350; Jan. 10.
Kamrath, Herbert G., Flint, assignor to General Motors Corporation, Detroit, Mich. Crankcase breather and oil filler pipe assembly. 2,154,072; Apr. 11.
Kamrath, Herbert G., Flint, assignor to General Motors Corporation, Detroit, Mich. Carburetor air cleaner and silencer assembly. 2,170,902; Aug. 29.
Kamrath, Herbert G., Flint, assignor to General Motors Corporation, Detroit, Mich. Air cleaner. 2,171,752; Sept. 5.
Kândle, Matthias M., Chicago, Ill. Artist's equipment. 2,180,059; Nov. 14.
Kane, Catherine B., Greenwich, Conn. Sanitary bed. 2,165,385; July 11.
Kane, Frank A. (See Killmeyer, C. A., and Reichhelm, assignors.)
Kane, Henry J., New Britain, Conn., assignor to Billings & Spencer Company. Pipe vise. 2,168,126; Aug. 1.
Kane, James H., assignor of one-half to A. T. Roche, San Francisco, Calif. Hosiery guard. 2,150,327; Mar. 14.
Kane, John S., Lowell, Mass. Multiple air propeller. 2,183,195; Dec. 12.
Kane & Roach, Inc. (See Kane, William E., assignor.)
Kane, William E., assignor to Kane & Roach, Inc., Syracuse, N. Y. Straightening machine. 2,157,760; May 9.
Kane, William E., assignor to Kane & Roach, Inc., Syracuse, N. Y. Machine for bending angle bars. 2,160,216; May 30.
Kaner, Abraham D., Webster Groves, Mo. Ash-receptacle compact. 2,181,275; Nov. 28.
Kangas, Charles, Embarrass, Minn. Drill stem coupling. 2,169,697; Aug. 15.
Kanipe, Joseph C., Washington, D. C. Combined pen and pencil holder. 2,143,012; Jan. 10.
Kann, Gustave H., Pittsburgh, Pa., assignor to The Globe Steel Abrasive Company, Mansfield, Ohio. Metal blasting material and producing the same. 2,184,926; Dec. 26.
Kann, Heinrich, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical braking system. 2,172,204; Sept. 5.
Kannegieter, Albert, Little Rock, Iowa. Line guiding device. 2,145,813; Jan. 31.
Kannenberg, Walter F., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Light sensitive electric device and circuit therefor. 2,160,383; May 30.
Kannenberg, Walter F., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,165,798; July 11.
Kannenberg, Walter F., Rutherford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York N. Y. Electronic organ. 2,169,842; Aug. 15.
Kannenstine, Fabian M., Houston, Tex. Galvanometer. 2,149,442; Mar. 7.
Kannor, Henry L., Douglaston, N. Y., assignor to Talon, Inc. Slide fastener. 2,160,364; May 30.
Kanolt, Clarence W., Pelham Manor, N. Y. Stereoscopic photography. 2,158,660; May 16.
Kantola, Carl F. (See Lentz, W. L., and Kantola.)
Kantor, Edward, New York, N. Y. Hair curler and bobbie pin holder. 2,147,978; Feb. 21.
Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Gas filler valve. 2,168,841; Aug. 8.
Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Vacuum siruping machine. 2,174,420; Sept. 26.
Kantor, James, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Bottle filling machine valve. 2,180,296; Nov. 14.
Kantor, Samuel T., assignor to American Foil Corporation, New York, N. Y. Making decorative materials. 2,153,374; Apr. 4.
Kantrowitz, Arthur, New York, N. Y. Castering wheel. 2,172,387; Sept. 12.
Kapella Limited. (See Phillips, Arthur C., assignor.)
Kapella Limited. (See Taylor, W., and Cooke, assignors.)
Kapelman, Felix, Bronx, assignor to The Glemby Company, Inc., New York, N. Y. Comb and brush set. 2,162,581; June 13.
Kapinas, Ruth M., assignor to Munsingwear, Inc., Minneapolis, Minn. Body supporting garment. 2,180,111; Nov. 14.
Kaplan, Benjamin A., Philadelphia, Pa. Iron. 2,179,890; Nov. 14.
Kaplan, Benjamin A., Philadelphia, Pa. Indoor golf game. 2,179,891; Nov. 14.
Kaplan, Bernard H., Fairfax, Calif. Hedge and lawn clipper. 2,161,357; June 6.
Kaplan, Brand. (See Lyons, M. F., and Kaplan.)
Kaplan, Charles, Lawrence, N. Y. Method of and means for cutting clothing. 2,151,703; Mar. 28.
Kaplan, Charles, Lawrence, assignor to The Shirtcraft Company Incorporated, New York, N. Y. Adjustable fabric article. 2,158,456; May 16.
Kaplan, Emanuel. (See Klein, H., and Kaplan.)
Kaplan, Max, New York, and G. Rosenberg, New Rochelle, N. Y. Pocket case especially for ladies' compacts. 2,163,429; June 20.
Kaplan, Saul. (See Bowles, A. F., and Kaplan.)
Kaplowitz, Morris, assignor to Microphone Corporation of America, Brooklyn, N. Y. Reflector. 2,155,092; Apr. 18.

Kaplowitz, Morris, assignor to Microphone Corporation of America, Brooklyn, N. Y. Reflex reflector. 2,155,093; Apr. 18.
Kapp, Milton R., Vinita, Okla. Window blind. 2,181,897; Dec. 5.
Kappen, Elmer, Weed, Calif. Train order hoop. 2,172,679; Sept. 12.
Kappenberg, William, Queens Village, assignor to Coffee Products Corporation, New York, N. Y. Dispenser. 2,184,253; Dec. 19.
Kappes, Walter R., Oakmont, assignor to Aluminum Company of America, Pittsburgh, Pa. Surface preparation. 2,171,546; Sept. 5.
Kapteyn, Paul, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Universal receiver without transformer. 2,162,350; June 13.
Kaptuller, Alexander F. (See Grange, E. A., Kaptuller, and Schmidt.)
Karan, John A., Buffalo, N. Y. Shingle. 2,168,955; Aug. 8.
Karcher, John C., assignor to Geophysical Service, Inc., Dallas, Tex. Apparatus for determining the hardness of subsurface formations. 2,161,256; June 6.
Karcher, Louis E., et al. (See Miguel, Joseph H., assignor.)
Karelius, Carl A., Pasadena, Calif. Lathing. 2,166,443; July 18.
Karell, Louis, Brooklyn, N. Y. Rain shield for filling openings of automobile gasoline tanks. 2,170,415; Aug. 22.
Karfiol, Edward, Great Neck, N. Y. Adhesive attachment strip. 2,142,194; Jan. 3.
Karfiol, Edward, Great Neck, N. Y. Pleated shelf edging. 2,167,759; Aug. 1.
Karg, Josef, Vienna, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Automatic exposure control. Re. 21,034; Mar. 21.
Karinshak, John, Jr., Uniontown, Pa. Track scraper. 2,184,046; Dec. 19.
Karitzky, John, assignor to Diamond Expansion Bolt Company, Garwood, N. J. Method and apparatus for making helices without the aid of a core or mandrel. 2,182,342; Dec. 5.
Karken, S., & Bros. (See Burnham, Raymond, assignor.)
Karl, Heinrich, Jersey City, N. J. Fused coating of solid metal for wrappings and other purposes, including decoration, etc. 2,143,948; Jan. 17.
Karl, Heinrich, Jersey City, N. J. Preserving can or container. 2,160,072; May 30.
Karl, Heinrich, Jersey City, N. J. Automatic and manually operable stopping and assisting device for automobiles. 2,180,846; Nov. 21.
Karl, Heinrich, Jersey City, N. J. Preserving can or container. 2,182,872; Dec. 12.
Karl, Otto, Berlin, and H. Kniepkamp, Berlin-Pankow, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electric discharge device. 2,172,205; Sept. 5.
Karlan, Jacob, New York, N. Y. Finger ring and making it. 2,150,446; Mar. 14.
Karlan, Jacob, New York, N. Y. Making finger rings. 2,150,447; Mar. 14.
Karle, John D., Roselle Park, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Rotary hook sewing machine threadcase. 2,154,403; Apr. 11.
Karlsson, Hilmer, and J. Waitkus, Wellsville, assignors to The Air Preheater Corporation, New York, N. Y. Static pressure measuring tube. 2,173,688; Sept. 19.
Karlsson, Hilmer, and W. D. Yerrick, Wellsville, assignors to The Air Preheater Corporation, New York, N. Y. Air preheater. 2,183,936; Dec. 19.
Karlsson, Peter. (See Cravaritis, A., and Karlsson.)
Karlström, Johan F. R., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Suction nozzle. 2,159,164; May 23.
Karmazin, John, Huntington, Ind., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus and making same. 2,146,823; Feb. 14.
Karmazin, John, Huntington, Ind., assignor to General Motors Corporation, Dayton, Ohio. Forming a heat exchange device. 2,153,806; Apr. 11.
Karmazin, John, Huntington, Ind., assignor to General Motors Corporation, Dayton, Ohio. Manufacturing tubing. 2,154,942; Apr. 18.
Karmazin, John, Huntington, Ind., assignor to General Motors Corporation, Dayton, Ohio. Making tubing for refrigerating apparatus. 2,166,109; July 18.
Karmel, Philip. (See Norton, C., and Karmel.)
Karnasch, Leopold M. (See Quick, R. S., Karnasch, and Breed.)
Karnes, David W., Denver, Colo. Head gate control device. 2,170,200; Aug. 22.
Karnes, James C., Buffalo, N. Y. Sighting apparatus. 2,162,723; June 20.
Karnes, James C., Buffalo, N. Y. Periscope. 2,167,657; Aug. 1.
Karnes, James C., Buffalo, N. Y. Illuminated reticle. 2,171,571; Sept. 5.
Karolus, August, Leipzig, Germany, assignor to Radio Corporation of America. Photoelectric amplifier. 2,148,023; Feb. 21.
Karpen, S., & Bros. (See Burnham, Raymond, assignor.)
Karpen, S., & Bros. (See Munson, E. S., Patlak, and Riley, assignors.)
Karpen, S., & Bros. (See Van Derveer, Clarence A., assignor.)
Karplus, Hans, Frankfort-on-the-Main, Germany, assignor to North American Rayon Corporation, Elizabethton, Tenn. Manufacture of artificial silk. 2,166,739; July 18.
Karplus, Hans, Frankfort-on-the-Main, Germany, assignor, by mesne assignments, to North American Rayon Corporation. Manufacture of artificial silk. 2.166,740; July 18.
Karplus, Hans, Frankfort-on-the-Main, Germany, assignor, by mesne assignments, to North American Rayon Corporation. Artificial silk. 2,166,741; July 18.
Karr, Alfred D., Newark, assignor to Ingersoll-Rand Company, Jersey City, N. J. Refrigerating apparatus. 2,161,059; June 6.
Karr, Charles, Company. (See Price, Frank S., assignor.)
Karrer, Paul, Zurich, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Compounds from aceto-halogen-sugars and nicotinic acid amide and process for the manufacture of same. 2,146,899; Feb. 14.
Karrer, Paul, Zurich, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Iso-alloxazine derivatives and the manufacture of same. 2,155,555; Apr. 25.
Karrer, Sebastian. (See Betz, P. L., and Karrer.)
Karrer, Werner, Zurich, Switzerland. Thermal power plant. 2,172,708; Sept. 12.
Karrick, Lewis C., Salt Lake City, Utah. Coal treating process and apparatus. 2,165,143; July 4.
Karsch, Walter, Tornesch, assignor to Deutsches Reich, Reichsmonopolverwaltung für Branntwein, Berlin, Germany. Fermentation process. 2,155,134; Apr. 18.
Karsel, William, assignor to Stewart-Warner Corporation, Chicago, Ill. Automobile heater. 2,165,269; July 11.
Kartaschoff, Valentin, assignor to Chemical Works formerly Sandoz, Basel, Switzerland. Basic derivatives of fatty acids and their manufacture. 2,149,527; Mar. 7.
Kartaschoff, Valentin, assignor to the firm of Chemical Works formerly Sandoz, Basel, Switzerland. Basic condensation products and their manufacture. 2,180,809; Nov. 21.
Kartaschoff, Valentin, and J. Link, assignors to the firm Chemical Works formerly Sandoz, Basel, Switzerland. Hydroxylated polyamines and their use in dyeing with vat and sulphur dyestuffs. 2,155,135; Apr. 18.
Karthaus, Hans, assignor to Continental Gummi-Werke Aktiengesellschaft, Hanover, Germany. Apparatus for vulcanizing rubber articles. 2,160,312; May 30.
Karwat, Ernst, Grosshesselohe, near Munich, Germany, assignor to The Linde Air Products Company. Producing hydrogen-enriched gas mixtures. 2,170,265; Aug. 22.
Karzenski, Edward, Riverhead, N. Y. Can holder and contents dispenser. 2,159,897; May 23.
Kasarjian, Armen A., Jackson Heights, Long Island, assignor to Mosler Ignition Corporation, New York, N. Y. Spark plug. 2,169,421; Aug. 15.
Kasarjian, Armen A., Jackson Heights, Long Island, N. Y. Spark plug. 2,180,528; Nov. 21.
Kasch, Gerhard E. (See Randall, M. S., and Kasch.)
Kasdan, Nathan, New York, and R. F. Landwehr, Woodside, assignors to Majestic Metal Specialties, Inc., New York, N. Y. Lipstick holder. 2,143,155; Jan. 10.
Kaseberg, Theodore C., Granite City, Ill., assignor to American Car and Foundry Company, New York, N. Y. Grinding machine. 2,180,529; Nov. 21.
Kasehagen, Leo, and H. H. Lowry, assignors to Carnegie Institute of Technology, Pittsburgh, Pa. Treatment of coal. 2,162,221; June 13.
Kasen, Daniel, Newark, N. J. Molding polished casein material and polished casein articles. 2,168,127; Aug. 1.
Kaser, Everett D., assignor to Durabilt Steel Locker Company, Aurora, Ill. Door latch construction. 2,147,903; Feb. 21.
Kasin, Vincent A., Houston, Tex. Shoe stretcher. 2,173,784; Sept. 19.
Kaskell, Chester C., Toledo, Ohio. Drive means for vehicles and the like. 2,144,538; Jan. 17.
Kaskell, Chester C., St. Paul, Minn. Coupling for continuously changing speed transmission. 2,175,898; Oct. 10.
Kaspar, Frank, Cicero, assignor to General Scientific Corporation, Chicago, Ill. Electrode mounting for neon tubes. 2,153,375; Apr. 4.
Kasper, Elmer J. (See Martinet, E. F., and Kasper.)
Kaspick, Jack G., Tyrone, Pa. Fishhook. 2,148,074; Feb. 21.
Kass, Archie, et al. (See Hunold, James L., assignor.)
Kass, Peter. (See Goodwin, G. S., and Kass.)
Kass, Samuel M., Philadelphia, Pa. Tank ball valve. 2,155,902; Apr. 25.
Kassler, Adolph, New York, N. Y., and R. A. Shields, Berwick, Pa., assignors to American Car and Foundry Company, New York, N. Y. Drop bottom railway car. 2,180,530; Nov. 21.
Kassler, E. S., Jr., et al. (See Bryant, Thomas W., assignor.)
Kassler, Louis, New York, N. Y. Practice gun. 2,161,172; June 6.
Kassover, Geraldine, Bayonne, N. J. Hair curler. 2,164,135; June 27.

Kast, Edward R., assignor to Dexter Folder Company, Pearl River, N. Y. Sheet feeding apparatus. 2,183,077; Dec. 12.
Kasten, John B., Fairfield, Ala. Micrometer leveling device. 2,169,533; Aug. 15.
Kastler, Edward L., Waukegan, assignor of one-half to P. S. Mantonya, Chicago, Ill. Refrigerating apparatus. 2,181,898; Dec. 5.
Kaster, Howard B., Alameda, Calif. Device and method for determining upper air wind direction and velocity. 2,162,582; June 13.
Kaszab, Nicholas T., New York, N. Y. Screen for stereoscopic pictures. 2,150,225; Mar. 14.
Kataja, Niilo, Mount Vernon, N. Y. Handle construction and connection. 2,173,437; Sept. 19.
Katcher, Morris, New York, N. Y. Fluid operated switch. 2,164,821; July 4.
Katcher, Morris, New York, N. Y. Steering knuckle joint. 2,178,206; Oct. 31.
Kateley, Francis W., Upper Darby, assignor to The J. G. Brill Company, Philadelphia, Pa. Brake shoe assembly. 2,164,015; June 27.
Kathol, Josef, Berlin, assignor to Schering-Kahlbaum A. G., Berlin, Germany. Producing crystalline basic phenyl mercury nitrate. 2,173,845; Sept. 26.
Kato, Kinjiro, Shiba-ku, Tokyo, Japan. Dam. 2,145,396; Jan. 31.
Katsch, Annemarie. (See Baier, O., and Katsch.)
Katsch, Annemarie. (See Herzog, R., and Katsch.)
Katsch, Annemarie. (See Gaebel, A., and Katsch.)
Katsch, Annemarie, Berlin-Lichterfelde, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Electronic discharge tube. 2,167,515; July 25.
Katsch, Annemarie, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Discharge tube. 2,173,906; Sept. 26.
Katsch, Annemarie, Berlin-Lichterfelde, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electric discharge tube. 2,184,841; Dec. 26.
Kattwinkel, Hans, Coswig, Germany. Vehicle brake. 2,148,818; Feb. 28.
Katz, Benjamin S., assignor to The Gruen Watch Company, Cincinnati, Ohio. Box. 2,181,402; Nov. 28.
Katz, Charles, Baltimore, Md. Cover for umbrellas, parasols, and sunshades. 2,171,476; Aug. 29.
Katz, David, Wilmington, Del. Lecture desk. 2,181,133; Nov. 28.
Katz, David, Wilmington, Del. Lecture and projection desk. 2,181,134; Nov. 28.
Katz, Frederick L. (See Cohen, Alvin H., assignor.)
Katz, Louis, and D. Pica, Chicago, Ill. Antifreeze cooling system. 2,175,121; Oct. 3.
Katz, Morris, Brooklyn, N. Y. Container. 2,144,336; Jan. 17.
Katz, Morris, Bronx, N. Y. Cellulosic ribbon. 2,156,501; May 2.
Katz, Morris, Bronx, N. Y. Cellulosic cord. 2,161,819; June 13.
Katz, Morris, Bronx, N. Y. Garment cover and constructing the same. 2,172,206; Sept. 5.
Katz, Sam, Brooklyn, N. Y. Dispensing device for hairpins and the like. 2,167,241; July 25.
Katz, Samuel J., Jamaica, assignor to Consolidated Mounting & Finishing Co., Inc., New York, N. Y. Collapsible pasteboard advertising display. 2,144,594; Jan. 17.
Katz, Sidney H., Edgewood Arsenal, and D. O. Burger, Bel Air, Md., assignors to the Government of the United States of America, as represented by the Secretary of war. Fully-molded gas mask facepiece. 2,164,330; July 4.
Katzberg, William J. See Kuestermeier, Max, assignor.)
Katzen, Raphael. (See Olson, E. T., and Katzen.)
Katzen, Raphael. (See Olson, E. T. Katzen, and Plow.)
Katzinger, Arthur, Glencoe, assignor to Edward Katzinger Company, Chicago, Ill. Knife. 2,153,759; Apr. 11.
Katzinger, Arthur, Glencoe, assignor to The Edward Katzinger Company, Chicago, Ill. Holder for slicing bread. 2,172,538; Sept. 12.
Katzinger, Edward, Company, The. (See Crissey, Paul, assignor.)
Katzinger, Edward, Company, The. (See Davis, Robert F., assignor.)
Katzinger, Edward, Company, The. (See Jackson, Joseph G., assignor.)
Katzinger, Edward, Company, The. (See Katzinger, Arthur, assignor.)
Katzinger, Edward, Company. (See Oltman, Ray C., assignor.)
Katzman, Morris. (See Epstein, A. K., and Katzman.)
Katzman, Morris B. (See Cahn, F. J., and Katzman.)
Katzman, Morris B., assignor to The Emulsol Corporation, Chicago, Ill. Cake. 2,176,077; Oct. 17.
Katzman, Morris B., assignor to The Emulsol Corporation, Chicago, Ill. Egg composition. 2,176,078; Oct. 17.
Katzman, Morris B., assignor to The Emulsol Corporation, Chicago, Ill. Cake. 2,176,079; Oct. 17.
Katzman, Morris B., assignor to The Emulsol Corporation, Chicago, Ill. Egg composition. 2,176,080; Oct. 17.
Katzman, Morris B., assignor to The Emulsol Corporation, Chicago, Ill. Sulphonic derivatives. 2,184,770; Dec. 26.
Katzman, Morris B., and A. K. Epstein; said Katzman assignor to The Emulsol Corporation, Chicago, Ill. Preparation of alkylolamine derivatives. 2,173,448; Sept. 19.
Katzman, Morris B., and A. K. Epstein, assignors to The Emulsol Corporation, Chicago, Ill. Derivatives of polymerized alkylolamines. 2,178,173; Oct. 31.
Katzman, Morris B., and A. K. Epstein, assignors to The Emulsol Corporation, Chicago, Ill. Derivatives of alkylolamines. 2,178,174; Oct. 31.
Katzoff, Samuel, Hampton, Va., and R. Roseman, Baltimore, Md. Solution of titanic hydroxide in hydrogen peroxide. 2,147,533; Feb. 14.
Kaufer, Rudolf, Vienna, Germany. Securely fastening a photograph on a certificate of identity for passports. 2,147,408; Feb. 14.
Kauffeldt, Alfons, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Gaseous discharge tube. 2,171,215; Aug. 29.
Kauffman, Clair S., York, Pa. Cooler. 2,163,491; June 20.
Kauffman, Milton M., Los Angeles, Calif. Electric connector. 2,159,660; May 23.
Kauffmann, Hans O., assignor to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Cotton bleaching. 2,165,270; July 11.
Kauffmann, Hans O., assignor to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Decolorizing sugar solutions. 2,178,587; Nov. 7.
Kauffmann, Hans O., and G. M. Wolfe, Jr., assignors to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Making and bleaching paper. 2,150,926; Mar. 21.
Kauffmann, Hans O., and R. L. McEwen, assignors to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Bleaching of wood. 2,166,954; July 25.
Kauffmann, Hans O., and R. L. McEwen, assignors to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Treatment of stainless steel. 2,174,516; Oct. 3.
Kauffmann, Willem, and P. J. van der Lee, Amsterdam, Netherlands. Fermenting whey to produce alcohol. 2,183,141; Dec. 12.
Kaufman, Frank M., Merion, assignor to Collins & Aikman Corporation, Philadelphia, Pa. Apparatus for and method of weaving pile fabrics. 2,171,367; Aug. 29.
Kaufman, Fred, Woodbridge, N. J. Drape shaper. 2,181,813; Nov. 28.
Kaufman, George A., Aliquippa, Pa., assignor to Jones & Laughlin Steel Corporation. Apparatus for stagger piling metal sheets. 2,143,779; Jan. 10.
Kaufman, George A., Beaver, Pa., assignor to Jones & Laughlin Steel Corporation. Method and apparatus for classifying metal sheets. 2,146,581; Feb. 7.
Kaufman, Gus, Beacon, assignor to The Texas Company, New York, N. Y. Apparatus for manufacture of wax polishing compositions. 2,167,438; July 25.
Kaufman, Gus, Beacon, assignor to The Texas Company, New York, N. Y. Sulphur cutting oil. 2,167,439; July 25.
Kaufman, Gus, Beacon, assignor to The Texas Company, New York, N. Y. Lubricant. 2,167,612; July 25.
Kaufman, Gus, and S. R. Philson, Beacon, assignors to The Texas Company, New York, N. Y. Lubricant. 2,176,426; Oct. 17.
Kaufman, Hiram J., Detroit, Mich. Concentrator for hygroscopic solutions. 2,156,293; May 2.
Kaufman, Hiram J., Detroit, Mich. Conditioning air. 2,184,998; Dec. 26.
Kaufman, Hiram J., assignor of one-half to G. R. McKinney, Detroit, Mich. Method and apparatus for conditioning air. 2,175,469; Oct. 10.
Kaufman, Irving, assignor of one-third to S. Kaufman and one-third to T. W. Bieder, Bronx, N. Y. Pipe union and fitting. 2,169,069; Aug. 8.
Kaufman, Louis, Brooklyn, N. Y. Sewing machine. 2,166,760; July 18.
Kaufman, Leonard J., and C. H. Schemchak, Manitowoc, Wis. Abrasive tool. 2,171,254; Aug. 29.
Kaufman, Ralph G., New York, N. Y. Smoker's dry-pipe pin. 2,168,410; Aug. 8.
Kaufman, Simon, et al. (See Kaufman, Irving, assignor.)
Kaufmann, Arthur G., Associated, assignor to Tide Water Associated Oil Company, San Francisco, Calif. Insecticide. 2,154,850; Apr. 18.
Kaufmann, Frank H., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Method of and apparatus for warp leasing. 2,147,257; Feb. 14.
Kaufmann, Frank H., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Textile apparatus. 2,147,258; Feb. 14.
Kaufmann, Frank H., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Apparatus for warp leasing. 2,151,475; Mar. 21.
Kaufmann, Frank H., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Device for warp leasing. 2,152,432; Mar. 28.
Kaufmann, Frank H., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Expansion comb for textile machines. 2,178,452; Oct. 31.
Kaufmann, Henry W., East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Screen for cathode ray tubes. 2,160,022; May 30.

Kaufmann, John J., Elkins Park, assignor to Steel Heddle Manufacturing Company, Philadelphia, Pa. Loom harness. 2,166,895; July 18.
Kaufmann, John V., et al. (See Hainsworth, Arthur S., assignor.)
Kaufmann, Kurt, Berlin-Waidmannslust, assignor to Automatic Druckmaschinenfabrik Dr. W. Hinniger und Söhne, Berlin, Germany. Cylinder printing machine. 2,170,027; Aug. 22.
Kaufmann, Samuel F., Los Angeles, Calif. Smoking pipe. 2,149,055; Feb. 28.
Kaufmann, Walter, et al. (See Szerenyi, Andreas, assignor.)
Kaufmann, Werner. (See Koppelmann, F., Kaufmann, and Kesselring.)
Kaul, Gustav A. E., Hackensack, N. J. Window construction. 2,169,343; Aug. 15.
Kaunitz, Clyde F. (See Lorenz, C., and Kaunitz.)
Kaunitz, Clyde F., Bay City, Mich., and F. M. Gunn and H. S. Boles, Chicago, Ill. Welding apparatus. 2,177,831; Oct. 31.
Kaupang, Oliver E. (See Roan, C. M., Kaupang, and Rohlen.)
Kaupke, Lee H. (See Johnson, A. E. W., and Kaupke.)
Kaupp, Erich. (See Eisenhut, O., Rein, and Kaupp.)
Kaupp, Ethel R., Forest Hills, N. Y., assignor to Vogue Mfg. Co., Newark, N. J. Foundation garment. 2,158,506; May 16.
Kaupp, Josef. (See Haussmann, H., Scheufler, and Kaupp.)
Kauppert, William, Jamaica, N. Y. Coil winding and setting machine. 2,151,034; Mar. 21.
Kauppi, Toivo A., assignor to The Dow Chemical Company, Midland, Mich. Ethyl cellulose-nitrocellulose composition. 2,159,384; May 23.
Kautsky, Joseph H., assignor to O. C. Catterlin, Indianapolis, Ind. Extractor. 2,164,016; June 27.
Kaustine Company. (See Otto, Louis, assignor.)
Kautter, Carl T., Darmstadt, Germany, assignor to Röhm & Haas Company, Philadelphia, Pa. Preparation of B-methyl acrolein. 2,171,727; Sept. 5.
Kautter, Carl T., Darmstadt, Germany, assignor to Röhm & Haas Company, Philadelphia. Distillation of polymerizable materials. 2,171,795; Sept. 5.
Kautter, Wolfgang. (See Gothe, A., Buschbeck, and Kautter.)
Kautter, Wolfgang, Berlin, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Antidistortion device. Re. 21,248; Oct. 24.
Kautter, Wolfgang, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Regenerative circuit arrangement. 2,162,470; June 13.
Kautz, Robert J., Brooklyn, N. Y. Electronic camera. 2,156,813; May 2.
Kavalir, Charles, New York, N. Y. Beverage cooler. 2,181,697; Nov. 28.
Kavan, Francis A., Fremont, Nebr., assignor to The Kerrihard Company, Red Oak, Iowa. Water distributor for ice boxes. 2,183,868; Dec. 19.
Kavanagh, Frank W. (See Neely, G. L., Kavanagh, and Farrington.)
Kavanagh, Frank W. (See Neely, G. L., and Kavanagh.)
Kawamura, Fred H., Honolulu, Hawaii. Roofing tile. 2,160,548; May 30.
Kawata, Matajiro, Den-en Chofu, Omoriku, Tokyo, assignor to Kabushiki Kaisha Wakamoto Honpo Eiyo To Ikuji No Kai, Tokyo, Japan. Manufacturing koji nutriment. 2,144,983; Jan. 24.
Kawneer Company, The. (See Plym, Francis J., assignor.)
Kay, Arthur J., Glendale, Calif. Cushion closing device. 2,171,066; Aug. 29.
Kay-Brunner Steel Products Inc. (See Low, John J., assignor.)
Kay, Byron M., Tulsa, Okla. Signaling apparatus. 2,167,076; July 25.
Kay, David. (See Dyer, J. W., and Kay.)
Kay Gyroplanes Limited. (See Dyer, J. W., and Kay, assignors.)
Kay Manufacturing Corporation. (See Krakauer, Abraham, assignor.)
Kay Manufacturing Corporation. (See Wechsler, M. F., and Levine, assignors.
Kay, William M., Manchester, England. Alloy. 2,174,919; Oct. 3.
Kayatt, Philip J., New York, N. Y. High potential cutout. 2,179,935; Nov. 14.
Kaye, Albert L., and R. S. Williams, Belmont, and J. Wulff, Cambridge, Mass., assignors to Chemical Foundation, Inc., New York, N. Y. Stainless steel. 2,156,914; May 2.
Kaye, Albert L., Hammond, Ind., and R. S. Williams, Belmont, and J. C. Wulff, Cambridge, Mass., assignors to The Chemical Foundation, Incorporated, New York, N. Y. Stainless steel. 2,172,388; Sept. 12.
Kaye, Harold J., New York, N. Y. Selector control mechanism. 2,180,740; Nov. 21.
Kaye, John W., San Antonio, Tex. Steering wheel. 2,179,013; Nov. 7.
Kaye, Samuel W., Rocky River, Ohio. Device for producing vibrato. 2,169,762; Aug. 15.
Kayes, Augustus E., Huntington, W. Va., assignor to The International Nickel Company, Inc., New York, N. Y. Treating nickel-copper alloys and products resulting therefrom. 2,150,095; Mar. 7.
Kayler, Frank H. (See Kinne, E. P., and Kayler.)
Kayler, Frank H., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Engine pilot and coupler. 2,176,842; Oct. 17.
Kayn, Stephen F., and D. D. Whyte, assignors to Injecton Moulding Corp., New York, N. Y. Clasp for hair ornaments. 2,152,313; Mar. 28.
Kayn, Stephen F., New York, and D. D. Whyte, Brooklyn, N. Y. Apparatus for curling hair. 2,156,948; May 2.
Kaysam Corporation of America. (See Hagen, John A., assignor.)
Kayser, Casper, Owatonna, Minn. Corn reloader. 2,152,413; Mar. 28.
Kayser, Daniel A. (See Bethenod, J., and Kayser.)
Kayser, Erich. (See Siedler, P., Kayser, Korte, and Waibel.)
Kayser, Julius, & Co. (See Beers, J. L., and Straussberger, assignors.)
Kayser, Julius, & Co. (See Mutchler, Arthur W., assignor.)
Kaywood Corporation. (See Ashley, Edwin O., assignor.)
Kazanjian, Souren, Woodside, Long Island, N. Y. Airtight covers for containers. 2,160,591; May 30.
Kazimirow, Antonina M., Shanghai, China. Nursing device. 2,150,835; Mar. 14.
Keagy, E. J. W., et al. (See Hartman, Thomas L., assignor.)
Keagy, E. J. W., et al. (See Willat, Arnold F., assignor.)
Keall, Frank B., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Press. 2,161,257; June 6.
Keall, Oswold E., Chelmsford, England, assignor to Radio Corporation of America. Frequency multiplying apparatus. 2,142,195; Jan. 3.
Keall, Oswold E., Chelmsford, and E. O. Smith, New Southgate, London, England, assignors to Radio Corporation of America. Mounting arrangement for piezoelectric crystals. 2,150,328; Mar. 14.
Keall, Oswold E., Essex, England, assignor to Radio Corporation of America. Modulation control system. 2,183,717; Dec. 19.
Keane, Joseph A., Bridgeport, Conn., and F. J. Kittrege and A. P. Burns, Worcester, Mass.; said Burns assignor to said Keane and said Kittredge. Package receiving device. 2,169,322; Aug. 15.
Keaney, Joseph C., et al. (See Harpster, Howard, assignor.)
Kear, Frank G., Minersville, Pa., assignor to Washington Institute of Technology, Inc., Washington, D. C. Current metering system. 2,183,316; Dec. 12.
Kear, Frank G., Minersville, Pa., and F. L. Marx, Flushing, N. Y., assignors to Washington Insttiute of Technology, Inc., Washington, D. C. Monitoring system for antenna arrays. 2,185,059; Dec. 26.
Kearfott Engineering Co. (See Kraemer, Waldo L., assignor.)
Kearney, Daniel P., Birmingham, Mich., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,163,841; June 27.
Kearney, James R., Corporation. (See Boothe, Eugene F., assignor.)
Kearney, James R., Corporation. (See De Right, E. J., and Tipsord, assignors.)
Kearney, James R., Corporation. (See Dunaway, U. A., and Cunningham, assignors.)
Kearney, James R., Corporation. (See Fox, Charles A., assignor.)
Kearney, James R., Corporation. (See Hamer, William D., assignor.)
Kearney, James R., Corporation. (See Heinrich, Walter A., assignor.)
Kearney, James R., Corporation. (See McCluskey, F. J., and Fox, assignors.)
Kearney, James R., Corporation. (See Mebold, Frederick W., assignor.)
Kearney, James R., Corporation. (See O'Russa, Lorence, assignor.)
Kearney, James R., Corporation. (See Rankin, Orie T., assignor.)
Kearney, James R., Corporation. (See Tallman, Oscar F., assignor.)
Kearney, Robert, Neptune, assignor of one-half to A. Simpson, Asbury Park, N. J. Escalator control. 2,147,979; Feb. 21.
Kearney & Trecker Corporation. (See Armitage, Joseph B., assignor.)
Kearney, William P., Woodmere, N. Y. Horseshoe. 2,157,826; May 9.
Kearns, Bernard A., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Spindle reciprocating mechanism for grinding machines. 2,175,057; Oct. 3.
Kearns, Bernard A., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Continuous truing mechanism. 2,178,875; Nov. 7.
Kearns, William S., Providence, R. I. Beverage dispensing system with electrical advertising device. 2,183,840; Dec. 19.
Kearsley, William K. (See Coolidge, W. D., and Kearsley.)
Kearsley, William K., Schenectady, N. Y., assignor to General Electric Company. X-ray apparatus. 2,151,602; Mar. 21.
Keary, Paul M., Mount Vernon, N. Y. Window sill. 2,178,282; Oct. 31.

Keas, Charles E. (See Hahn, H. W., Keas, and Burke.)
Keashey & Mattison Company. (See Ledeboer, John W., assignor.)
Keating, Herbert S., North Plainfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical device. 2,150,376; Mar. 14.
Keaton, Clyde D., Long Island City, assignor to S. S. Tumbridge, Brooklyn, N. Y. Electric coffee maker. 2,150,801; Mar. 14.
Keays, Richard L., assignor of fifty per-cent to G. W. Ryder, Cleveland, Ohio. Bath mat and suction cup mechanism. 2,175,941; Oct. 10.
Keck, Paul, assignor to the firm Carl Zeiss, Jena, Germany. Emission type phototube. 2,177,259; Oct. 24.
Keckler, Charles W., Summit, and A. Raynsford, Bergenfield, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selector release circuit. 2,169,389; Aug. 15.
Keebler, Paul T. (See McDermet, J. R., and Keebler.)
Keefe, Lincoln M., Springfield, Mass., assignor to Remington Rand Inc., Buffalo, N. Y. Record controlled machine. 2,169,583; Aug. 15.
Keegan, Edward J., Richmond, Va. Pipe joint mold. 2,180,810: Nov. 21.
Keegan, Peter E. (See Helgason, A., and Keegan.)
Keel, Adolf, Highland Park, Mich., assignor to Ex-Cell-O Corporation. Valve structure. 2,157,240; May 9.
Keel, Adolf, Highland Park, Mich., assignor to Ex-Cell-O Corporation. Hydraulic control valve. 2,157,707; May 9.
Keel, Knut O., and C. H. Fike, Cleveland, Ohio, assignors to General Motors Corporation, Detroit, Mich. Load limiting governor. 2,179,696; Nov. 14.
Keelavite Company Limited, The. (See Booth, Ernest, assignor.)
Keelavite Company Limited, The. (See Booth, Melville B., assignor.)
Keelen, Thomas F., Brooklyn, N. Y. Sash cord fastener. 2,169,915; Aug. 15.
Keeler Brass Company. (See Birdsall, Albert L., assignor.)
Keeler, Earl A., Norristown, assignor to The Brown Instrument Company, Philadelphia, Pa. Thermal conductivity gas analysis apparatus. 2,146,300; Feb. 7.
Keeler, Raymond W., Galion, Ohio, assignor to The Galion Iron Works and Manufacturing Company. Road building machine. 2,169,916; Aug. 15.
Keeler, Raymond W., Galion, Ohio, assignor to The Galion Iron Works & Manufacturing Company. Road roller. 2,169,917; Aug. 15.
Keeler, Raymond W., Galion, Ohio, assignor to Galion Iron Works & Manufacturing Company. Portable road roller. 2,171,255; Aug. 29.
Keeling, Herbert V. (See Sleeper, N. M., and Keeling.)
Keeling, William O., Pittsburgh, Pa. Treating raw gasoline distillates. 2,150,170; Mar. 14.
Kee-Lox Manufacturing Company. (See Bowman, Richard V., assignor.)
Keen, Harold H., Letchworth, England, assignor to International Business Machines Corporation, New York, N. Y. Paper spacing mechanism for printing machines. 2,156,990; May 2.
Keen, Harold H., Letchworth, England, assignor to International Business Machines Corporation, New York, N. Y. Multiplying machine. 2,165,271; July 11.
Keen, Harold H., Letchworth, England, assignor to International Business Machines Corporation, New York, N. Y. Record-card-controlled statistical machine. 2,174,699; Oct. 3.
Keen, Thomas A., San Mateo, Calif., assignor to H. M. Smith, River Forest, Ill. Starting box. 2,156,043; Apr. 25.
Keene, Alvin D., assignor to Samson-United Corporation, Rochester, N. Y. Automatic control for cooking utensils. 2,179,936; Nov. 14.
Keeney, J. H., & Co. (See Wells, James G., assignor.)
Keeney Manufacturing Company, The. (See Hanna, James D., assignor.)
Keep, Glenn A., and E. E. Todd, Keeler, Calif. Making sodium carbonate products. 2,161,711; June 6.
Keeran, Charles R. (See Keeran, Franklin H. and C. R.)
Keeran, Franklin H. and C. R., Evanston, Ill. Breech loading pencil. 2,181,622; Nov. 28.
Keeran, William C., Evanston, Ill., assignor, by mesne assignments, to Vapor Car Heating Co., Inc. Heat exchange apparatus. 2,181,602; Nov. 28.
Keevil, Henry W. (See Barnes, W. C., and Keevil.)
Keevil, Henry W. (See Dionne, J. C., and Keevil.)
Keevil, Henry W., Highland Park, Ill. Rail flaw detecting apparatus. 2,175,196; Oct. 10.
Kegan, Albert I. (See Cohen, Albert I., assignor.)
Kegler, Harold L., Lincoln Park, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Window regulator. 2,152,055; Mar. 28.
Kégresse, Adolphe, Paris, France. Hydraulic clutch mechanism. 2,143,321; Jan. 10.
Kégresse, Adolphe, Paris, France. Control valve for hydraulic change-speed devices. 2,153,926; Apr. 11.
Kégresse, Adolphe, Paris, France. Vehicle for mixed propulsion by wheels and endless tracks. 2,158,457; May 16.
Kégresse, Adolphe, Paris, France. Hydraulic change gear device for automobile vehicles. 2,163,202; June 20.
Kégresse, Adolphe, Paris, France. Hydraulic supply of rotating systems. 2,163,203; June 20.
Kehrer, Chase, Woodbridge, N. J. Carrier and fastener means. 2,158,661; May 16.
Kehrer, Eddie R., Beaumont, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Continuous filter. 2,145,933; Feb. 7.
Kehl, Howard A., Detroit, Mich. Combination wrist watch. 2,166,687; July 18.
Kehl, Robert J., Manhasset, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Multiple flame nozzle. 2,181,135; Nov. 28.
Kehl, Robert J., Bayside, N. Y., assignor by mesne assignments, to Union Carbide and Carbon Corporation. Heating broad surfaces. 2,181,974; Dec. 5.
Kehm, Clarence H., Chicago, Ill. Radio doll. 2,184,675; Dec. 26.
Keidel, Frank, Elmhurst, assignor to The International Seal and Knot Protector Co., New York, N. Y. Seal. 2,176,459; Oct. 17.
Keier, Edwin W., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for cutting glass sheets. 2,146,373; Feb. 7.
Keighley, James O., Gary, Ind. Treating cold-rolled metals. 2,165,635; July 11.
Keighley, Lloyd M., assignor to General Motors Corporation, Dayton, Ohio. Ice tray. 2,173,806; Sept. 19.
Keil, Francis & Son, Inc. (See Brantingson, Sigurd, assignor.)
Keil, Gustav B., St. Joseph, Mich., assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Ironing machine. 2,149,738; Mar. 7.
Keil, Gustav B., St. Joseph, Mich., assignor to Nineteen Hundred Corporation, Binghamton, N. Y. Attachment for washing machines. 2,164,070; June 27.
Keil, Havard L., and B. K. Stout, assignors to Armour and Company, Chicago, Ill. Preparing rennin. 2,145,796; Jan. 31.
Keil, Havard L., assignor to Armour and Company, Chicago, Ill. Extracting physiologically active materials from animal tissues. 2,157,133; May 9.
Keil, Havard L., assignor to Armour and Company, Chicago, Ill. Compositions of matter containing antihygroscopic agents. 2,175,083; Oct. 3.
Keil, Hermann, Berlin-Lankwitz, assignor to the firm Deutsche Hollerith Maschinen G. m. b. H., Berlin-Lichterfelde, Germany. Card stacking device. 2,181,995; Dec. 5.
Keil, Henry P. (See Marchev, A., and Keil.)
Keil, Rudolph. (See Stoll, Henry C., assignor.)
Keilhauer, Ulrich. (See Ehrig, H., and Keilhauer.)
Keilwagen, Walter, Milwaukee, Wis. Educational device. 2,182,084; Dec. 5.
Keim, Melville. (See McGrath, Arthur C., assignor.)
Keinath, Georg, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft Siemensstadt, near Berlin, Germany. Arrangement for testing the inner work absorbed by materials. 2,150,377; Mar. 14.
Keinath, Georg, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt near Berlin, Germany. Method and system for testing high voltage insulation. 2,166,932; July 25.
Keinath, Georg, Berlin-Charlottenburg, and H. Grüss, Berlin-Wannsee, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Automatic indication of inflammable gas admixtures. 2,170,056; Aug. 22.
Keiner, Harry C., et al., executors. (See Keiner, H. A., and Stoddard.)
Keiner, Henry A., Richmond Hill, N. Y., and R. Stoddard, assignors to Milk Bottle Crate Company, Chicago, Ill., and Keiner Williams Stamping Co., Richmond Hill, N. Y. Crate for milk bottles and the like. 2,149,242; Feb. 28.
Keiner, Henry A., deceased, by H. C. and V. Keiner, executors, Richmond Hill, N. Y., and R. Stoddard, assignors to Milk Bottle Crate Company, Chicago, Ill., and Keiner Williams Stamping Co., Richmond Hill, N. Y. Crate for milk bottles and the like. 2,149,243; Feb. 28.
Keiner, Viola, et al., executors. (See Keiner, H. A., and Stoddard.)
Keiner Williams Stamping Co., et al. (See Keiner, H. A., and Stoddard, assignors.)
Keiper, Francis P., Washington, D. C., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,164,865; July 4.
Keiper, Francis P., Washington, D. C., assignor to General Motors Corporation, Dayton, Ohio. Ice tray. 2,173,807; Sept. 19.
Keiper, Frank. (See Amico, Frank, assignor.)
Keir, James M., Niagara Falls, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Welding. 2,145,009; Jan. 24.
Keiser, Bernhard. (See De Groote, M., Keiser, and Blair.)
Keiser, Charles R., Dayton, and T. R. Rike, West Alexandria, Ohio, assignors, by mesne assignments, to Rainbow Rubber Company, Butler, Pa. Making a rubber sole. 2,174,943; Oct. 3.
Keiser, Oscar L., Los Angeles, Calif. Casement window control. 2,149,607; Mar. 7.
Keitel, Hans J., assignor to Dornier-Werke G. m. b. H., Friedrichshafen-on-the-Bodensee, Germany. Hydraulic transmission system. 2,168,215; Aug. 1.

Keith, David F., Cleveland, Ohio. Combination gauge system. 2,157,708; May 9.
Keith, Henry M., Spokane, Wash. Game apparatus. 2,164,682; July 4.
Keith, Percival C., Jr., Peapack, N. J., assignor to Process Management Company, Inc., New York, N. Y. Treatment of hydrocarbon oil. 2,143,949; Jan. 17.
Keith, Percival C., Jr., Peapack, assignor to Gasoline Products Company, Inc., Newark, N. J. Treating hydrocarbon oil. 2,174,858; Oct. 3.
Keith, Percival C., Jr., Peapack, N. J., G. W. Robinson, Houston, Tex., and G. Roberts, Jr., Montclair, assignors to The Polymerization Process Corporation, Jersey City, N. J. Conversion of hydrocarbons. 2,181,302; Nov. 28.
Keith, Percy C., Peapack, N. J., R. E. Wilson, Chicago, Ill., and M. J. Livingston, Mariners Harbor, Staten Island, N. Y., assignors to Standard Oil Company, Chicago, Ill. Propane deresinating. 2,143,882; Jan. 17.
Keith, Percy C., Jr., Peapack, assignor, by mesne assignments, to Gasoline Products Company, Inc., Newark, N. J. Cracking oils in vapor phase. 2,143,917; Jan. 17.
Keith, Percy C., Jr., Peapack, and H. O. Forrest, Teaneck, N. J., assignors to Standard Oil Company, Chicago, Ill. Propane-solvent treating process. 2,146,147; Feb. 7.
Keith, W. W. (See Richardson, Cecil S., assignor.)
Keith, Wayland D., Wichita Falls, and R. W. Walker, Megargel, Tex.; said Walker assignor to said Keith. Amusement device. 2,158,073; May 16.
Kelberer, Raymond J., Great Falls, Mont. Vehicle appliance. 2,149,296; Mar. 7.
Kelch Heater Co. (See Girl, C., and Dunston, assignors.)
Kelch Heater Co. (See Girl, C., Dunston, and Caldwell, assignors.)
Kelch Heater Company. (See Caldwell, Stuart H., assignor.)
Kelch, Lester F. and W. W., Girard, Pa., assignors to Louis Marx & Company, Inc., New York, N. Y. Lighted toy railroad coach. 2,153,983; Apr. 11.
Kelch, Wilbur W. (See Kelch, Lester F. and W. W.)
Kelco Company. (See Ament, Roger W., assignor.)
Kelco Company. (See Preble, Bennett, assignor.)
Kelco Company. (See Wilt, Vernon K., assignor.)
Kell, Ray D., Haddonfield, N. J., assignor to Radio Corporation of America. Television apparatus. 2,166,688; July 18.
Kell, Ray D., Haddonfield, N. J., assignor to Radio Corporation of America, New York, N. Y. Television system. 2,166,214; July 18.
Kell, Ray D., Haddonfield, N. J., assignor to Radio Corporation of America. Television system. 2,178,758; Nov. 7.
Kell, Raymond W., and C. D. Barth, Charleroi, Pa., assignors, by mesne assignments, to Corning Glass Works, Corning, N. Y. Coffee-maker seal. 2,174,466; Sept. 26.
Kellam, Albert S., Highland Springs, Va. Newspaper box. 2,142,901; Jan. 3.
Kellar, George D., Jamaica, N. Y. Apparatus to prevent adhesion of type metal to spaces of line-casting machines. 2,168,412; Aug. 8.
Kellar, George D., Jamaica, N. Y. Method and apparatus to prevent adhesion of type metal to spaces of line-casting machines. 2,168,411; Aug. 8.
Kellegrew, Richard D., Newton Highland, Mass., assignor to Ingersoll-Rand Company, Jersey City, N. J. Guide for drill steels. 2,177,300; Oct. 24.
Kelleher, Patrick F. (See Brosnan, C. A., and Kelleher.)
Kellems, Edgar E., assignor to Kellems Products, Inc., New York, N. Y. Cable grip or the like. 2,143,985; Jan. 17.
Kellems, Edgar E., Eugene, Oreg., assignor to Kellems Products, Inc., New York, N. Y. Gripping device. 2,164,278; June 27.
Kellems Products, Inc. (See Kellems, Edgar E., assignor.)
Kellenberger, Leonhard, St. Gallen, Switzerland. Belt drive. 2,170,925; Aug. 29.
Keller, Anton M., Salzburg-Aigenglas, Austria. Table tennis racket. 2,156,477; May 2.
Keller, Arthur C., Mount Vernon, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Method and apparatus for heating dielectric materials. 2,179,261; Nov. 7.
Keller, Charles G. (See Sargent, W. D., and Keller.)
Keller, Charles G., Hyde Park, N. Y. Vehicle wheel. 2,164,772; July 4.
Keller, Carl R., Port Clinton, Ohio. Florist's pack. 2,150,550; Mar. 14.
Keller, Charles G., Hyde Park, N. Y. Brake drum. 2,148,755; Feb. 28.
Keller, Clarence J., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Apparatus for forming and attaching plug terminals. 2,169,802; Aug. 15.
Keller, Cornelius H., San Francisco, Calif., assignor to Minerals Separation North American Corporation, New York, N. Y. Concentration of metalliferous ores by froth flotation. 2,148,475; Feb. 28.
Keller, Curt, assignor to Escher Wyss Maschinenfabriken Aktiengesellschaft, Zurich, Switzerland. Axial flow turbo compressor. 2,161,517; June 6.
Keller, Curt, assignor to Escher Wyss Maschinenfabriken Aktiengesellschaft, Zurich, Switzerland. Plant for the investigation of hydraulic machines. 2,164,000; June 27.
Keller, Curt, assignor to Aktiengesellschaft für Technische Studien, Zurich, Switzerland. Power plant. 2,172,910; Sept. 12.
Keller, Curt, assignor to Aktiengesellschaft für Technische Studien, Zurich, Switzerland. Tubular gas heater. 2,174,663; Oct. 3.
Keller, Ernst R., Springfield, Mass., assignor to Dartmouth Co-Operative Society, Inc., Hanover, N. H. Ski binding. 2,142,727; Jan 3.
Keller, Ferdinand, Offenbach-on-the-Main-Burgel, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Solid diazonium salts. 2,175,807; Oct. 10.
Keller, Francis W., assignor of forty percent to T. F. Ball, Columbia, S. C. Lighter. 2,172,709; Sept. 12.
Keller, Fred. (See Merritt, R. S., and Keller.)
Keller, Frederick A., New York, assignor to H. Hyman, Brooklyn, N. Y. Dry cell. 2,152,433; Mar. 28.
Keller, George V., Jr., Lynn, Mass., assignor to General Electric Company. Speed-governing mechanism. 2,145,117; Jan. 24.
Keller, George M., Rochester, and W. F. Huck, Richmond Hill, assignors to R. Hoe & Co., Inc., New York, N. Y. Plate clamp for printing machines. 2,179,508; Nov. 14.
Keller, Karl H., Cleveland Heights, Ohio, assignor to General Electric Company. Heat treating apparatus. 2,159,800; May 23.
Keller, Leo. (See Goodrum, C. L., Hinrichsen, and Keller.)
Keller, Manfred, Syosset, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic article. 2,149,091; Feb. 28.
Keller, Manfred, Syosset, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Circular knit goods comprising high tenacity rayon. 2,178,759; Nov. 7.
Keller, Merlin O. (See Heath, S. B., and Keller.)
Keller, Rex E., Los Angeles, Calif. Clutch. 2,158,544; May 16.
Keller, Rex E., Beverly Hills, Calif. Automatic transmission clutch. 2,166,357; July 18.
Keller, Rex E., Beverly Hills, Calif. Automatic transmission. 2,170,926; Aug. 29.
Keller, Rex E., Beverly Hills, Calif. Automatic transmission. 2,174,191; Sept. 26.
Keller-Whilldin Pottery Company, The. (See Keller, William H., assignor.)
Keller, William H., Inc. (See Shaff, Ernest H., assignor.)
Keller, William H., Norristown, assignor to The Keller-Whilldin Pottery Company, North Wales, Pa. Knockout. 2,166,057; July 11.
Keller, William J., St. Louis, Mo. Lamp shade. 2,150,378; Mar. 14.
Keller, William J., St. Louis, Mo. Lantern. 2,169,735; Aug. 15.
Kellermann, Hans. (See Hopff, H., Kellermann, and Freytag.)
Kellett Autogiro Corporation. (See Hovgard, Paul E., assignor.)
Kellett, William P., New York, N. Y. Safety shockproof container car. 2,178,690; Nov. 7.
Kelley, Albert, Miami Beach, Fla. Beater device. 2,169,607; Aug. 15.
Kelley, Cecil S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Horn. 2,155,232; Apr. 18.
Kelley, Cecil S., Forest Hills, assignor to Westinghouse Air Brake Company, Wilmerding, Pa. Pneumatic horn. 2,159,801; May 23.
Kelley, Cecil S., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake valve handle. 2,173,943; Sept. 26.
Kelley, Charles F., et al. (See Derby, John H., assignor.)
Kelley, Floyd C., Schenectady, N. Y., assignor to General Electric Company. Sintered hard metal composition. 2,167,516; July 25.
Kelley, George S., Mount Vernon, assignor, by mesne assignments, to Kadco Corporation, New York, N. Y. Rock drilling and dust removal therefor. 2,144,586; Jan. 17.
Kelley, George S., Mount Vernon, assignor to The Kadco Corporation, New York, N. Y. Dust collecting device. 2,149,348; Mar. 7.
Kelley, George S., Mount Vernon, assignor to Kadco Corporation, New York, N. Y. Dust deflector. 2,183,262; Dec. 12.
Kelley, George W., Jr., Philadelphia, assignor of one-half to A. M. Soby, Overbrook, Pa. Garbage-rubbish incineration process. 2,160,699; May 30.
Kelley, Gilbert A., assignor to Surface Combustion Corporation, Toledo, Ohio. Prevention of corrosion. 2,169,584; Aug. 15.
Kelley, Harlan S. (See Jackson, W. H., and Kelley.)
Kelley, J. E., et al. (See Morrison, Willie C. L., assignor.)
Kelley-Koett Manufacturing Company Incorporated, The. (See Bader, W., and Licher, assignors.)

Kelley, James D., assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter tester. 2,168,994; Aug. 8.
Kelley, John N., assignor to Williams-Kelley Corporation, New York, N. Y. Photographic camera. 2,169,422; Aug. 15.
Kelley, John W., Stratton, Maine. Ski clip. 2,173,846; Sept. 26.
Kelley-Koett Manufacturing Company, The. (See Eddy, Donald A., assignor.)
Kelley-Koett Manufacturing Company, The. (See Haupt, Walter H., assignor.)
Kelley-Koett Manufacturing Company, The. (See Henry, Harry N., assignor.)
Kelley-Koett Manufacturing Company, The. (See Lee, W. M., and Haupt, assignors.)
Kelley Koett Manufacturing Company, The. (See Werner, Wilbur S., assignor.)
Kelley, Martin F., New York, N. Y. Rotary slicer. 2,146,074; Feb. 7.
Kelley, O. G. (See Ryan, John J., assignor.)
Kelley, O. G., & Company. (See Ryan, John J., assignor.)
Kelley, Oliver G., Newton, Mass. Lath fastener. 2,149,528; Mar. 7.
Kelley, Oliver K., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Combination fluid turbo clutch and variable speed gearing. 2,176,138; Oct. 17.
Kelley, Raymond E., Snyder, N. Y. Portable apparatus for supplying heavy mastics to mastic applying guns. 2,160,871; June 6.
Kelley, W. F., et al. (See Morrison, Willie C. L., assignor.)
Kelley, Walter F. (See Lasker, W. W., and Kelley.)
Kelley, Walter F. (See Rice, R. E., and Kelley.)
Kelley, Walter F., Whitestone, assignor to Remington Rand Inc., Buffalo, N. Y. Solenoid. 2,151,213; Mar. 21.
Kelley, Walter F., Whitestone, assignor to Remington Rand Inc., Buffalo, N. Y. Tape translator for card punching mechanism. 2,160,152; May 30.
Kelley, Walter F., Whitestone, assignor to Remington Rand Inc., Buffalo, N. Y. Clutch for statistical machines. 2,160,153; May 30.
Kelley, Walter T., Paducah, Ky. Hive frame. 2,150,067; Mar. 7.
Kelley, William. (See Baylis, W. S., and Kelley.)
Kelley, Zar W., assignor to The Carpenter Heating & Stoker Company, Cleveland, Ohio. Pressure responsive device. 2,153,716; Apr. 11.
Kelling, Alfred H., Oak Park, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Starch process. 2,171,796; Sept. 5.
Kellner, Alexander S., New York, N. Y. Air conditioned smokehouse. 2,165,057; July 4.
Kellner, Emery. (See Kellner, John E. and E.)
Kellner, Gustav, Munich, Germany, assignor to E. Zacharias, New York, N. Y. Closing collapsible tubes by welding. 2,160,617; May 30.
Kellner, John E. and E., Chicago, Ill. Shock absorber for automobiles. 2,182,085; Dec. 5.
Kellner, Louis, Brooklyn, N. Y. Renewable fuse. 2,175,436; Oct. 10.
Kellner, Paul, New York, N. Y., assignor to American Machine & Foundry Company. Baker's machine for cutting and spreading the cut portions. 2,166,159; July 18.
Kellogg Company. (See Hasselhorn, W. C., and Thompson, assignors.)
Kellogg Company. (See Thompson, Joseph J., assignor.)
Kellogg, Edward N., Detroit, Mich. Suspension means for picture frames. 2,180,211; Nov. 14.
Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America. Public address stabilizing system. 2,157,177; May 9.
Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America. Public address stabilizing system. 2,157,178; May 9.
Kellogg, Edward W., Moorestown, N. J., assignor to Radio Corporation of America. Intermittent mechanism. 2,173,230; Sept. 19.
Kellogg, George D., Pelham Manor, assignor to Johns-Manville Corporation, New York, N. Y. Structural unit. 2,173,808; Sept. 19.
Kellogg, Homer G., assignor to Motor Products Corporation, Detroit, Mich. Metal working machine. 2,143,442; Jan. 10.
Kellogg, Homer G., assignor to Motor Products Corporation, Detroit, Mich. Composite strip construction. 2,172,794; Sept. 12.
Kellogg, John L., assignor, by mesne assignments, to New Foods, Inc., Chicago, Ill. Making cereal products. 2,174,982; Oct. 3.
Kellogg, John L., assignor to New Foods, Inc., Chicago, Ill. Puffing cereals. 2,181,372; Nov. 28.
Kellogg, Lawrence P., White Plains, N. Y. Liquid level indicator. 2,174,700; Oct. 3.
Kellogg, M. W., Company, The. (See Aicher, Alfred A., assignor.)
Kellogg, M. W., Company, The. (See Baker, Albert L., assignor.)
Kellogg, M. W., Co., The. (See Kugel, Frederick G., assignor.)
Kellogg, M. W., Company, The. (See Marshall, Walton H., Jr., assignor.)
Kellogg, M. W., Co. (See Hopkins, Robert K., assignor.)
Kellogg, M. W., Co., The. (See Taylor, Hugh S., assignor.)
Kellogg Switchboard and Supply Company. (See Eaton, George R., assignor.)
Kellogg Switchboard & Supply Company. (See Judsen, N. A., and Rose, assignors.)
Kellogg Switchboard and Supply Company. (See Kiner, Glenn, assignor.)
Kellogg Switchboard & Supply Company. (See Rose, M., and Judsen, assignors.)
Kellogg Switchboard and Supply Company. (See Wallace, Bert A., assignor.)
Kellogg, William D., and H. C. Eigabroadt, assignors to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Making a pile fabric. 2,160,154; May 30.
Kells, Benjamin F., Cincinnati, Ohio, assignor to Container Corporation of America, Chicago, Ill. Paperboard basket. 2,179,555; Nov. 14.
Kells, Lyman M., W. F. Kern, and J. R. Bland, Annapolis, Md., assignors to Keuffel & Esser Company, Hoboken, N. J. Slide rule. 2,170,144; Aug. 22.
Kelly, Clyde W. (See Randall, W. C., and Kelly.)
Kelly, Clyde W., assignor to Detroit Steel Products Company, Detroit, Mich. Window. 2,145,357; Jan. 31.
Kelly, Edward G., assignor to Stewart-Warner Corporation, Chicago, Ill. Electric speedometer. 2,159,330; May 23.
Kelly, F., Company, The. (See Runk, William B., assignor.)
Kelly, Frank J., Brooklyn, N. Y. Artificial bait or decoy plug. 2,147,444; Feb. 14.
Kelly, Hugh W., Woodbridge, N. J. Track torpedo. 2,162,724; June 20.
Kelly, James M., Trafford, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper base alloy. 2,147,844; Feb. 21.
Kelly, James M., Trafford, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper base alloy. 2,169,187; Aug. 8.
Kelly, James M., Trafford, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper base alloy. 2,169,188; Aug. 8.
Kelly, James M., Trafford, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper base alloy. 2,169,189; Aug. 8.
Kelly, James M., Trafford, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper base alloy. 2,169,190; Aug. 8.
Kelly, James M., Trafford, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Making metal articles. 2,175,899; Oct. 10.
Kelly, John, New York, N. Y., and J. J. Maloney, Leonia, N. J. Heat control iron and plug. 2,143,701; Jan. 10.
Kelly, John D., assignor of one-half to W. Werner, New York, N. Y. Cleaning apparatus. 2,177,987; Oct. 31.
Kelly, John H., Jr., Chicago, Ill. Synthetic resin and preparing same. 2,150,506; Mar. 14.
Kelly, Leslie J., W. G. Mueller, and V. L. Brunette, assignors to Green Bay Food Company, Green Bay, Wis. Preparing pickled food products. 2,181,239; Nov. 28.
Kelly, Sherman L., Toledo, Ohio. Tool for handling congealed materials. 2,160,023; May 30.
Kelly, Thomas C., Hinsdale, Ill. Bottle-wadding machine. 2,171,572; Sept. 5.
Kelly, Thomas D., Croydon, England. Electric furnace. 2,167,575; July 25.
Kelly, Thomas J., Minneapolis, Minn. Rake cleaning device. 2,183,278; Dec. 12.
Kelly, William H., assignor to Emmons Loom Harness Company, Lawrence, Mass. Heddle frame. 2,144,158; Jan. 17.
Kelly, William M., Westfield, N. J. Upright printing press. 2,162,725; June 20.
Kelly, William M., Westfield, N. J. Sheet-handling machinery. 2,163,492; June 20.
Kelly-Wheaton Company. (See Wheaton, Estel O., assignor.)
Kelman, William L. (See Roy, Remi S., assignor.)
Kelner, Henry H., Wenatchee, Wash. Closure cap for paste tubes. 2,183,456; Dec. 12.
Kelp-Ol Laboratories, Inc. (See Miller, Grover C., assignor.)
Kelsey, Cadwallader W., Troy, N. Y. Container. 2,161,060; June 6.
Kelsey, Cadwallader W., Short Hills, N. J. Agricultural implement. 2,176,261; Oct. 17.
Kelsey, John H., South Bend, Ind. Bait bucket. 2,179,095; Nov. 7.
Kelsey-Hayes Wheel Company. (See Ash, Charles S., assignor.)
Kelsey-Hayes Wheel Company. (See Baisch, Carl F., assignor.)
Kelsey-Hayes Wheel Company. (See Bierwirth, E. A., and Kienle, assignors.)
Kelsey-Hayes Wheel Company. (See Bonzack, Stanley, assignor.)
Kelsey-Hayes Wheel Company. (See Booth, William N., assignor.)
Kelsey-Hayes Wheel Company. (See Cornwall, James E., assignor.)
Kelsey-Hayes Wheel Company. (See Ellis, Emmett S., assignor.)

Kelsey-Hayes Wheel Company. (See Hamill, William W., assignor.)
Kelsey-Hayes Wheel Company. (See Le Jeune, Frank H., assignor.)
Kelsey-Hayes Wheel Company. (See Le Jeune, F. H., and Copeland, assignors.)
Kelsey-Hayes Wheel Company. (See Main, Frank L., assignor.)
Kelsey-Hayes Wheel Company. (See Main, F. L., and Sawtelle, assignors.)
Kelsey-Hayes Wheel Company. (See Moore, George E., assignor.)
Kelsey-Hayes Wheel Company. (See Reynolds, Edward O., assignor.)
Kelsey-Hayes Wheel Company. (See Sawtelle, Charles A., assignor.)
Kelsey-Hayes Wheel Company. (See Sinclair, Charles W., assignor.)
Kelsey-Hayes Wheel Company. (See Sinclair, Edward R., assignor.)
Kelsey-Hayes Wheel Company. (See Thomas, George J., assignor.)
Kelsey-Hayes Wheel Company. (See White, John W., assignor.)
Kelso, Allen R., assignor to Motor Products Corporation, Detroit, Mich. Bending machine. 2,143,443; Jan. 10.
Kelso, Harrison M., Jr., Evanston, assignor to Sears, Roebuck and Co., Chicago, Ill. Textile fabric. 2,164,925; July 4.
Kelso, Ralph S., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Sewing machine. 2,178,175; Oct. 31.
Kelting, Max. (See Dorndorf, H., Kelting, and Tramm.)
Kelting, Richard C., North Arlington, assignor to General Electric Vapor Lamp Company, Hoboken, N. J. Circuit for gaseous electric discharge devices. 2,152,998; Apr. 4.
Kemet Laboratories Company. (See McQuade, John D., assignor.)
Kemler, Emory N., Glenshaw, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Strain gauge. 2,183,078; Dec. 12.
Kemmer, Frank R., Larchmont, N. Y. Producing cyanide. 2,149,608; Mar. 7.
Kemmer, Frank R., Larchmont, N. Y. Production of alkaline earth metals. 2,179,823; Nov. 14.
Kemmer, Frank R., Larchmont, N. Y., assignor to Magnesium Products, Inc., Wilmington, Del. Method of and apparatus for condensing. 2,164,410; July 4.
Kemmerer, Ralph R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,153,668; Apr. 11.
Kemmerer, Ralph R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,156,855; May 2.
Kemmerer, Kenneth S., assignor to Mead Johnson & Company, Evansville, Ind. Amino acids product and manufacture. 2,180,636; Nov. 21.
Kemmerer, Kenneth S., assignor to Mead Johnson & Company, Evansville, Ind. Amino acids product and manufacture. 2,180,637; Nov. 21.
Kemmerer, Ralph R. (See Thompson, H. A., and Kemmerer.)
Kemp, Archie R., Westwood, and F. S. Malm, Millburn, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Insulated cable. 2,181,188; Nov. 28.
Kemp, C. M., Manufacturing Company, The. (See Dunkak, Elmer B., assignor.)
Kemp, C. M., Mfg. Company, The. (See Kemp, William W., assignor.)
Kemp, Lebbeus C., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Treatment of gaseous fuels. 2,155,663; Apr. 25.
Kemp, Lebbeus C., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Cracking hydrocarbon oils. 2,160,872; June 6.
Kemp, Lebbeus C., Port Arthur, Tex., and R. L. Savage, Jr., Hartsdale, assignors to The Texas Company, New York, N. Y. Manufacture of motor fuels. 2,172,560; Sept. 12.
Kemp, LeRoy F., assignor of one-half to C. R. Emery, Dearborn, Mich. Building block and walll structure 2,154,754; Apr. 18.
Kemp, Roland J., Chelmsford, England, assignor to Radio Corporation of America. Sweep circuit. 2,143,379; Jan. 10.
Kemp, Roland J., Chelmsford, England, assignor to Radio Corporation of America. Direction finding system. 2,150,551; Mar. 14.
Kemp, Roland J., and D. L. Plaistowe, Chelmsford, England, assignors to Radio Corporation of America. Radio direction finder. 2,155,492; Apr. 25.
Kemp, Roland J., and D. J. Fewings, Chelmsford, England, assignors to Radio Corporation of America. Electrical segregation circuit. 2,177,723; Oct. 31.
Kemp, Vivian F., assignor to Kempat Limited, London, England. Bust support. 2,156,478; May 2.
Kemp, William H., Westfield, assignor to Ever Ready Calendar Manufacturing Co., Jersey City, N. J. Pad calendar. 2,185,151; Dec. 26.
Kemp, William W., assignor to The C. M. Kemp Mfg. Company, Baltimore, Md. Heating apparatus. 2,148,204; Feb. 21.
Kempat Limited. (See Kemp, Vivian F., assignor.)
Kemper, Harry C. (See Groene, W. F., and Kemper.)
Kempfert, A. J., administratrix. (See Krug, Emil W., assignor.)
Kempton, Herbert E., and M. W. Huber, assignors to Tuthill Pump Company, Chicago, Ill. Pump structure. 2,148,561; Feb. 28.
Kempton, Leslie A., assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Washing apparatus. 2,142,902; Jan. 3.
Kenah, Roland M., assignor to Standard Specialty & Tube Company, New Brighton, Pa. Manufacture of composite metallic structures. 2,155,274; Apr. 18.
Kendall Company, The. (See Eustis, W., and Vint, assignors.)
Kendall Company, The. (See Marshall, Harold T., assignor.)
Kendall Company, The. (See Sayers, Ruth L., assignor.)
Kendall, James M., Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y. Recording thermometer. 2,144,762; Jan. 24.
Kendall, James M., Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y. Incandescent electric lamp. 2,151,325; Mar. 21.
Kendall, John D. (See Barent, M., and Kendall.)
Kendall, John D., assignor to Ilford Limited, Ilford, England. Cyanine dyes and preparing them. 2,153,927; Apr. 11.
Kendall, John D., Ilford, assignor to Ilford Limited, Ilford, Essex, England. Sensitized photographic emulsions. 2,153,928; Apr. 11.
Kendall, John D., assignor to Ilford Limited, Ilford, England. Modifying sensitivity of photographic emulsions. 2,153,929; Apr. 11.
Kendall, John D., Ilford, assignor to Ilford Limited, Ilford, Essex, England. Sensitized photographic emulsions. 2,153,930; Apr. 11.
Kendall, John D., assignor to Ilford Limited, Ilford, England. Manufacture of thiones and selenones. 2,154,334; Apr. 11.
Kendall, John D., Ilford, assignor to Ilford Limited, Ilford Essex, England. Stabilization of photographic sensitive materials. 2,173,628; Sept. 19.
Kendall, Marcus T., Long Beach, Calif., assignor to The Texas Company, New York, N. Y. Neutralization of acid oils. 2,161,580; June 6.
Kendall, Marcus T., Long Beach, Calif., assignor to The Texas Company, New York, N. Y. Acid treatment of cracked distillates. 2,164,771; July 4.
Kendall, Myron A., Aurora, Ill., assignor to Stephens-Adamson Mfg. Co. Belt conveyer. 2,179,186; Nov. 7.
Kendall, Myron A., Aurora, Ill., assignor to Stephens-Adamson Mfg. Co. Belt conveyer. 2,179,187; Nov. 7.
Kendall Refining Company. (See Hulme, Richard E., assignor.)
Kende, George. (See Githens, O. W., Kende, and Porter.)
Kendrick, Wallace M., et al. (See Shropshire, Leslie P., assignor.)
Kenifick, Walter M., Lowell, Ariz. Knot lock. 2,175,962; Oct. 10.
Kenjiro Tsuneda. (See Hironaka, Yasusaburo, assignor.)
Ken-Jon Inc. (See Kennedy, M. D., and Johnson, assignors.)
Ken-Jon, Inc. (See Mayfield, Alfred C., assignor.)
Ken-Jon, Inc. (See Nicholson, Emmett, assignor.)
Ken-Jon Inc. (See Vreeland, Charles H., assignor.)
Kennedy, Alex R., assignor to Indiana Condensed Milk Company, Indianapolis, Ind. Apparatus for processing canned foods. 2,144,334; Jan. 17.
Kennedy, Allen E., Utica, N. Y. Protective garment. 2,163,463; June 20.
Kennedy, Angus B., Hanover, Pa. Container for dispensing liquids. 2,143,156; Jan. 10.
Kennedy, Benjamin H., Rochester, N. Y. Sealing device. 2,143,418; Jan. 10.
Kennedy, Benjamin H., Pittsford, N. Y. Nipple structure. 2,180,960; Nov. 21.
Kennedy, Charles L., Columbia, S. C. High speed loom. 2,172,615; Sept. 12.
Kennedy, Clarence C. (See Luce, W. F., and Kennedy.)
Kennedy, Davis E., Slidell, La. Level checking apparatus. 2,156,292; May 2.
Kennedy, Dewey M., Rochester, N. Y. Infant's bathing device. 2,162,483; June 13.
Kennedy, Dewey M., Rochester, N. Y. Infant's bathing device. 2,182,669; Dec. 5.
Kennedy, Donald S., Longparish, England. Nonskid device. 2,163,493; June 20.
Kennedy, E. L. (See Gorman, Jesse E., assignor.)
Kennedy, Edgar S., Norristown, Pa., assignor, by mesne assignments, to American Viscose Corporation. Thread guide for cone or tube winding machines. 2,160,780; May 30.
Kennedy, Edward C., Chicago, Ill. Curtain stretching device. 2,174,789; Oct. 3.
Kennedy, Edward P., Berwyn, Ill., assignor to Electrical Research Products, Inc., New York, N. Y. Acoustic device. 2,164,157; June 27.
Kennedy, Harry E. (See Jones, L. T., Kennedy, and Rotermund.)
Kennedy, Harry E., M. A. Rotermund, and L. T. Jones, Berkeley, Calif., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Automatic electric welding. 2,145,010; Jan

Kennedy, Harvey T., Oakmont, assignor, by mesne assignments, to Gulf Research & Development Company, Pittsburgh, Pa. Shutting off water or other extraneous fluid in oil wells. 2,146,480; Feb. 7.

Kennedy, Harvey T., Forest Hills, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Treatment of wells. 2,164,459; July 4.

Kennedy, Joseph E., New York, N. Y., assignor, by mesne assignments, to Reconstruction Finance Corporation, Philadelphia, Pa. Handling material. 2,147,300; Feb. 14.

Kennedy, Joseph E., assignor to Kennedy-Van Saun Mfg. & Eng. Corporation, New York, N. Y. Apparatus for classifying material. 2,150,226; Mar. 14.

Kennedy, Joseph E., New York, N. Y., assignor, by mesne assignments, to Reconstruction Finance Corporation, Philadelphia, Pa. Reducing material. 2,159,272; May 23.

Kennedy, Joseph E., assignor to Kennedy-Van Saun Mfg. & Eng. Corporation, New York, N. Y. Nozzle. 2,164,411; July 4.

Kennedy, Joseph E., New York, N. Y., assignor to Kennedy-Van Saun Mfg. & Eng. Corporation. Tube and the like mill. 2,175,569; Oct. 10.

Kennedy, Joseph E., New York, N. Y., assignor to Kennedy-Van Saun Mfg. & Eng. Corporation. Tube and the like mills. 2,181,943; Dec. 5.

Kennedy, Leo W., Detroit, Mich. Showcase construction. 2,174,983; Oct. 3.

Kennedy, Mabry D., and J. G. Johnson, assignors to Ken-Jon Inc., Orlando, Fla. Fruit and vegetable treating machine. 2,149,443; Mar. 7.

Kennedy, Mabry D., and J. G. Johnson, Orlando, Fla. Method and apparatus for drying fruit and the like. 2,153,572; Apr. 11.

Kennedy, Mary P., London, Ontario, Canada. Dispensing box. 2,145,181; Jan. 24.

Kennedy, Raymond E., and R. W. Bartle, New Albany, Ind. Air pump for windshields. 2,168,216; Aug. 1.

Kennedy, Reeves L. (See Spitzli, D. H., and Kennedy.)

Kennedy, Richard O., Troy, and R. A. Ziegler, Douglaston, Long Island, assignors to Cluett, Peabody & Co., Inc., Troy, N. Y. Shirt. 2,163,606; June 27.

Kennedy, Robert L., Cleveland, Ohio. Hot air conduit filter. 2,171,797; Sept. 5.

Kennedy, Roy J., et al. (See Kurth, Edward H., assignor.)

Kennedy, Samuel J., and J. R. Pierson, Lynwood, Calif. Rotary adjustable-tension jar mechanism. 2,166,299; July 18.

Kennedy, Stella D., New Orleans, La. Garment support. 2,145,514; Jan. 31.

Kennedy, Theodore R., Morrisville, Pa., assignor to Ajax Electrothermic Corporation, Ajax Park, Ewing Township, N. J. Induction heater. 2,144,377; Jan. 17.

Kennedy, Theodore R., Morrisville, Pa., assignor to Ajax Electrothermic Corporation, Ajax Park, Ewing Township, N. J. Induction heater. 2,144,378; Jan. 17.

Kennedy, Theodore R., Morrisville, Pa., assignor to Ajax Electrothermic Corporation, Ajax Park, N. J. Transformer. 2,151,035; Mar. 21.

Kennedy, Theodore R., Morrisville, Pa., assignor to Ajax Electrothermic Corporation, Ewing Township, N. J. Transformer. 2,181,899; Dec. 5.

Kennedy-Van Saun Mfg. & Eng. Corporation. (See Kennedy, Joseph E., assignor.)

Kennedy, William D., West Englewood, N. J., assignor to Wright Aeronautical Corporation. Engine oil scavenging device. 2,162,259; June 13.

Kenney, John A., Plainfield, N. J., assignor to The Barrett Company, New York, N. Y. Plastic composition. 2,163,243; June 20.

Kenney, Mahlon W. (See Constantine, A. R., and Kenney.)

Kenney, Mahlon W., River Forest, assignor to General Household Utilities Company, Chicago, Ill. Refrigerating apparatus. 2,159,898; May 23.

Kenney, Mahlon W., assignor to Seeburg Radio Corporation, Chicago, Ill. Radio apparatus. 2,160,270; May 30.

Kenney, Mahlon W., assignor to Seeburg Radio Corporation, Chicago, Ill. Radio cabinet and apparatus. 2,174,107; Sept. 26.

Kenney, Mahlon W., River Forest, and G. O. Smith, Chicago, Ill. Remote control adjusting device. 2,171,573; Sept. 5.

Kenney, Mahlon W., Oak Park, and A. A. Gedde, Chicago, Ill. Tuning control for radio receivers or the like. 2,179,576; Nov. 14.

Kenney, Mahlon W., Chicago, and A. R. Constantine, River Forest, assignors, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Sealed unit. 2,152,056; Mar. 28.

Kenney, Mahlon W., Chicago, and A. R. Constantine, River Forest, assignors, by mesne assignments, to W. C. Grunow, Chicago, Ill. Refrigerating system. 2,178,373; Oct. 31.

Kenney Manufacturing Company. (See Kenney, William C., assignor.)

Kenney, William C., assignor to Kenney Manufacturing Company, Cranston, R. I. Curtain rod. 2,162,674; June 13.

Kennison, Frank, and F. E. Stratton, Beverly Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for assembling shoe parts. 2,151,974; Mar. 28.

Kennison, Rodney S., Los Angeles, Calif. Nozzle. 2,147,652; Feb. 21.

Kenn-O-Matic Machine Company. (See Blankner, William, assignor.)

Kent, Samuel L., Jr., Bryn Mawr, Pa. Apparatus for water sports. 2,175,197; Oct. 10.

Kent, William R., Passaic, N. J. Self-controlled variable speed mechanism. 2,181,373; Nov. 28.

Kenny, Herman C., Lake Linden, Mich., assignor to Calumet & Hecla Consolidated Copper Company of Michigan, Boston, Mass. Refining copper. 2,172,009; Sept. 5.

Kenny, Michael J., Mentor, Ohio, assignor to The Reece Button Hole Machine Company, Boston, Mass. Work clamping mechanism for sewing machines. 2,144,763; Jan. 24.

Kenny, William F. Company, The. (See Holby, Frank A., assignor.)

Kenny, William F., Company, The. (See Scott, Paul H., assignor.)

Ken-Rad Tube & Lamp Corporation. (See Johnson, Charles G., assignor.)

Kenrick & Jefferson Limited. (See Gifford, Randolph D., assignor.)

Kent, Alfred W., Groby, and H. H. Holmes, assignors to Wildt and Company Limited, Leicester, England. Circular knitting machine. 2,151,662; Mar. 21.

Kent, Cecil C., et al. (See van Allen, Fredric L., assignor.)

Kent, Earle L., Manhattan, Kans., and L. C. Paslay, Kansas City, Mo.; said Paslay assignor to said Kent. Apparatus for the generation of musical tones. 2,147,948; Feb. 21.

Kent, Frederick J., Glen Rock, assignor to Sipp-Eastwood Corporation, Paterson, N. J. Winding machine. 2,159,385; May 23.

Kent, Herbert J., Berkeley, Calif. Automatic fuel pump regulator. 2,168,904; Aug. 8.

Kent, James R., East Akron, assignor to B. B. Fleck, Warren, Ohio, and himself. Tube closure. 2,147,164; Feb. 14.

Kent-Owens Machine Company. (See Tremblay, Albert F., assignor.)

Kent, Raymond L., Marston Green, near Birmingham, and M. D. Scott, Bury Green, Cheshunt, England. Liquid fuel feeding device for internal combustion engines. 2,167,892; Aug. 1.

Kent, Raymond W., Newton Highlands, Mass. Manufacture of pile fabrics. 2,162,778; June 20.

Kent, Robert J. (See Gray, J. H., and Kent.)

Kentis, George E., assignor to The Yoder Company, Cleveland, Ohio. Machine for reinforcing metallic sheets. 2,144,572; Jan. 17.

Kentner, Carroll D., Collingswood, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Intermediate frequency amplifier. 2,164,745; July 4.

Kentucky Chemical Industries, Inc. (See Lamping, Robert H., assignor.)

Kenworth Motor Truck Corporation. (See Holmstrom, John G., assignor.)

Kenyon, Albert G., Wyoming, R. I. Waste grab preventer. 2,184,554; Dec. 26.

Kenyon, Alonzo F., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Power distribution system. 2,182,630; Dec. 5.

Kenyon, Alonzo F., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,182,631; Dec. 5.

Kenyon, Alonzo F., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Operation of dynamo-electric machines. 2,183,993; Dec. 19.

Kenyon, D. A. (See Dixon, Percy, assignor.)

Kenyon, James M., assignor to Entwisle & Kenyon Limited, Accrington, England. Carpet sweeper. 2,180,060; Nov. 14.

Kenyon, John N., New York, N. Y. Fatigue testing machine. 2,170,640; Aug. 22.

Kenyon, Theodore W. (See Carlson, B. G., and Kenyon.)

Kenyon, Theodore W., Huntington, S. J. Zand, Forest Hills, and B. G. Carlson, Freeport, assignors to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Safety device for hydraulic servomotors. 2,155,421; Apr. 25.

Kenyon, William O., assignor to Eastman Kodak Company, Rochester, N. Y. Manufacture of aliphatic acids. 2,184,555; Dec. 26.

Kepfer, Raymond J., Lakewood, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cadmium bright dip. 2,154,455; Apr. 18.

Kepfer, Raymond J., Lakewood, and A. K. Telfer, Akron, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Zinc chloride. 2,166,253; July 18.

Kepfer, Raymond J., Lakewood, and W. R. Devor, East Cleveland, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Phosphoric acid purification. 2,174,158; Sept. 26.

Kepler, Lionel J., Dayton, Ohio. Tool lift for cultivators. 2,151,117; Mar. 21.

Kepple, Ezra W., Greensburg, Pa. Chimney cap. 2,183,402; Dec. 12.

Ker, J. O. (See Ashton, Douglas W., assignor.)
Kerber, Frank J., Chicago, Ill. Multistage window chair. 2,167,982; Aug. 1.
Kerby, Charles M. (See Dennler, George F., assignor.)
Kercher, Arthur J., Berkeley, Calif. Thermostatic switch. 2,159,090; May 23.
Kerentoff, Gottlieb L., Cincinnati, Ohio. Damper mounting and regulating means. 2,183,292; Dec. 12.
Kerk Guild, Inc. (See Hokerk, Lynde D., assignor.)
Kerkhof, Arthur C. (See Fahr, G. E., and Kerkhof.)
Kerla, Hans, Baltimore, Md. Refractory materials. 2,160,873; June 6.
Kermer, Martin J., assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Evaporator. 2,165,272; July 11.
Kern, Erwin, Ennetbaden, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electric valve control system. 2,148,049; Feb. 21.
Kern, Jean G., Hamburg, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Vat dye composition. 2,145,193; Jan. 24.
Kern, Jean G., East Aurora, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Diazo sulphonic acid esters and making. 2,154,509; Apr. 18.
Kern, Jean G., East Aurora, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Dyeing process and compositions therefor. 2,155,942; Apr. 25.
Kern, Jean G., East Aurora, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Alkylolamino-methylene compound and making. 2,169,736; Aug. 15.
Kern, Jean G., East Aurora, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Diazoamino compound and making same. 2,169.737; Aug. 15.
Kern, Josef. (See Hagen, W., Thouret, and Kern.)
Kern, Rudolf, Oschatz, assignor to firm: Chemische Fabrik R. Baumheier, Oschatz-Zschollau Kommanditgesellschaft, Germany. Anticorrosion agent. 2,148,862; Feb. 28.
Kern, Walter B. (See McNeill, W. G., Kern, and Wade.)
Kern, Walter, Sissach, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Derivatives of hydrocarbons of high molecular weight and making same. 2,152,964; Apr. 4.
Kern, Walter, Sissach, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Vat dyestuffs and making same. 2,157,341; May 9.
Kern, Walter, Sissach, assignor to Society of Chemical Industry in Basle, Basel, Switzerland. Vat dyestuffs. 2,175,122; Oct. 3.
Kern, Walter, Sissach, and R. Tobler, Riehen, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs. 2,170,372; Aug. 22.
Kern, Willis F. (See Kells, L. M., Kern, and Bland.)
Kerner and Anderson. (See Anderson, William M., assignor.)
Kernick, John C., Danbury, Conn. Draft strip. 2,175,123; Oct. 3.
Kerns, Roy L. (See Paris, F. F., and Kerns.)
Kerone, Edward B. W. (See Olsen, F., Tibbitts, and Kerone.)
Kerone, Edward B. W. (See Seavey, F. R., and Kerone.)
Kerone, Edward B. W., Alton, assignor to Western Cartridge Company, East Alton, Ill. Manufacture of nitrosoguanidine. 2,146,188; Feb. 7.
Kerone, Edward B. W., and C. C. Carroll, Alton, assignors to Western Cartridge Company, East Alton, Ill. Explosive. 2,177,657; Oct. 31.
Kerotest Manufacturing Company. (See Mueller, R. W., and Carle, assignors.)
Kerr, Albert O., Otekura, and H. H. Rix, Owaka, New Zealand. Wire connector. 2,147,706; Feb. 21.
Kerr, Charles E., Hoopeston, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Filling valve. 2,162,404; June 13.
Kerr, Charles E., Hoopeston, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Green corn cutting machine. 2.169.963; Aug. 15.
Kerr, Charles E., Hoopeston, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Filling valve. 2,172,010; Sept. 5.
Kerr, Charles E., Hoopeston, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Corn husker. 2,177,988; Oct. 31.
Kerr, Henry H., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,148,268; Feb. 21.
Kerr, Howard J., Westfield, assignor to The Babcock & Wilcox Company, Newark, N. J. Pressure vessel. 2,183,043; Dec. 12.
Kerr, Orval C., Long Beach, Calif. Protective covering for dead ends. 2,163,790; June 27.
Kerr, Paul W., assignor to Henry Weis Manufacturing Company, Inc., Elkhart, Ind. Compartment. 2,175,717; Oct. 10.
Kerr, Ralph L., assignor of one-half to J. E. Peek, Oklahoma City, Okla. Shock absorbing device. 2,170,057; Aug. 22.
Kerr, Robert B., Dayton, Ohio. Reel assembly. 2,172,389; Sept. 12.
Kerrick, Walter B. (See Clayton, B., Kerrick, Stadt, and Thurman.)
Kerrick, Walter B., Los Angeles, Calif. Orchard heater. 2,154,002; Apr. 11.
Kerrick, Walter B., Los Angeles, assignor, by mesne assignments, to Clayton Manufacturing Company, Alhambra, Calif. Steam generator. 2,154,683; Apr. 18.
Kerribard Company, The. (See Kavan, Francis A., assignor.)
Kerschbaum, Friedrich P., Winter Haven, Fla., assignor to H. T. Stowell, Washington, D. C. Production of phosphate salts. 2,142,943; Jan. 3.
Kerschbaum, Friedrich P., Winter Haven, Fla., assignor to H. T. Stowell, Washington, D. C. Production of phosphates. 2,142,944; Jan. 3.
Kerschbaum, Friedrich P., Winter Haven, Fla., assignor to H. T. Stowell, Washington, D. C. Phosphatic fertilizer. 2,155,556; Apr. 25.
Kerschbaum, Hans, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Mercury switch. 2,150,379; Mar. 14.
Kersey, Lemuel R., assignor to The Imperial Tobacco Company (of Great Britain & Ireland) Limited, Richmond, Va. Apparatus and method for cleaning tobacco. 2,152,965; Apr. 4.
Kershaw, Arthur G., London, England, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Relay device. 2,164,823; July 4.
Kershaw, Arthur G., and K. H. Leech, assignors to Westinghouse Brake & Signal Company, Limited, London, England. Automatic slack adjuster. 2,152,806; Apr. 4.
Kershaw, Arthur G., and N. G. Kershaw, London, England, assignors, by mesne assignments to The Union Switch & Signal Company, Swissvale, Pa. Electrically operated switch mechanism. 2,164,822; July 4.
Kershaw, Norman G. (See Kershaw, Arthur G. and N. G.)
Kershaw, Stanley C. (See Taylor, W. H., and Kershaw.)
Kershaw, W. E. (See Mattson, Harry W., assignor.)
Kershaw, William E., Gwynedd Valley, assignor to The Electric Storage Battery Company, Philadelphia, Pa. Separative diaphragm for electrolytic cells and producing the same. 2,155,016; Apr. 18.
Kershaw, William E., Gwynedd Valley, assignor to The Electric Storage Battery Company, Philadelphia, Pa. Electric storage battery retainer. 2,176,427; Oct. 17.
Kershaw, William E., Gwynedd Valley, assignor to The Electric Storage Battery Company, Philadelphia, Pa. Secondary or storage battery. 2,176,428; Oct. 17.
Kerst, Herman, Jr. (See Guthmann, W. S., and Kerst.)
Kersting, Albert H., Los Angeles, Calif.; Nelle Frances Kersting, executrix of said Albert H. Kersting, deceased. Spring sash balance. 2,164,654; July 4.
Kersting, Nelle F., executrix. (See Kersting, Albert H.)
Kervarrec, Bernard, Paris, France. Portable derrick. 2,168,128; Aug. 1.
Kessel, Johannes B., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Agitator for food mixers. 2,161,867; June 13.
Kessel, Karl T. (See Bilger, H. W., and Kessel.)
Kesselman, Louis A., Long Beach, N. Y. Knit garment and making same. 2,143,444; Jan. 10.
Kesselring, Fritz. (See Koppelmann, F., Kaufmann, and Kesselring.)
Kessenich, Gregory J., Madison, Wis. Shock absorbing device. 2,156,294; May 2.
Kessenich, Gregory J., Madison, Wis. Shock absorbing device. 2,161,820; June 13.
Kessenich, Gregory J., Madison, Wis. Shock absorbing device. 2,165,273; July 11.
Kessenich, Gregory J., Madison, Wis. Shock absorbing device. 2,165,274; July 11.
Kessler, Carl P., Bronx, N. Y. Hacksaw. 2,173,365; Sept. 19.
Kessler Chemical Corporation, The. (See Wasum, Ludwig W., assignor.)
Kessler, Frank, Villa Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,177,069; Oct. 24.
Kessler, Frederick C., Rutherford, N. J. Garment. 2,164,683; July 4.
Kessler, Frederick P. (See Heil, J. P., and Kessler.)
Kessler, George H., and W. Meier, assignors to The Midland Steel Products Company, Cleveland, Ohio. Riveter. 2,169,423; Aug. 15.
Kessler, J. Ernest. (See Harrison, T. R., Grauel, and Kessler.)
Kessler, Jacob, Richmond Hill, N. Y. Photoelectric image converter. 2,142,609; Jan. 3.
Kestell, Thomas A. (See Gouldbourn, J., and Kestell.)
Kestell, Thomas A. (See Pratt, J. W., and Kestell.)
Kesten, Ulrich, Staaken, assignor to Siemens & Halske Aktiengesellschaft, Berlin, Germany. Telephone system. 2.170.903; Aug. 29.
Kestenbaum, Theodore, New York, N. Y. Milk can construction. 2,170,720; Aug. 22.
Kestenman Bros. Mfg. Co. (See Kestenman, Charles H., assignor.)
Kestenman, Charles H., assignor to Kestenman Bros. Mfg. Co., Providence, R. I. Terminal clasp or connecter. 2,143,702; Jan. 10.
Kestenman, Charles H., assignor to Kestenman Bros Mfg. Co., Providence, R. I. Chain or linkage. 2.143,703; Jan. 10.
Kester, Russell N., and E. O. Baldwin, Jr., Adrian, Mich., assignors to George D. Ellis and Sons, Incorporated. Funnel support. 2,144,923; Jan. 24.

Kesteven, Charles E., and J. W. Michaelson, assignors, by mesne assignments, to Miracle Massage Appliances, Inc., Minneapolis, Minn. Massaging device. 2,168,842; Aug. 8.
Ketay, Morris F. (See Reichel, W. A., and Ketay.)
Ketcham, Charles J., Michigan City, Ind. Cigarette tray. 2,177,142; Oct. 24.
Kethur, Richard. (See Wilmanns, G., Schneider, and Kethur.)
Ketner, Burt, et al. (See King, Clyde H., assignor.)
Kettering, Charles F., assignor to General Motors Corporation, Dayton, Ohio. Control means for refrigerating apparatus. 2,150,880; Mar. 14.
Kettering, Charles F., and E. C. Sittler, assignors to General Motors Corporation, Dayton, Ohio. Bed air conditioning apparatus. 2,159,741; May 23.
Ketterlinus Lithographic Manufacturing Company. (See Schwartz, Eugene, assignor.)
Ketterson, Willis I., Schenectady, N. Y., assignor to General Electric Company. Mirror clock. 2,169,099; Aug. 8.
Kettleborough, Harry J., Mendota, assignor to H. D. Conkey & Company, Chicago, Ill. Ice cream freezer. 2,181,089; Nov. 21.
Kettler, Clarence J., Pittsfield, Mass., assignor to General Electric Company. Saturable core detector. 2,149,092; Feb. 28.
Kettner, Alfred N., Los Angeles, Calif. Guide. 2,159,386; May 23.
Keuffel, Adolf W., Montclair, assignor to Keuffel & Esser Company, Hoboken, N. J. Slide rule. Re. 20,984; Jan. 24.
Keuffel, Adolf W., Montclair, assignor to Keuffel & Esser Company, Hoboken, N. J. Slide rule. 2,143,559; Jan. 10.
Keuffel, Adolf W., and H. F. Schermerhorn, Montclair, assignors to Keuffel & Esser Company, Hoboken, N. J. Measuring tape. 2,171,504; Aug. 29.
Keuffel & Esser Company. (See Bernegau, Carl M., assignor.)
Keuffel & Esser Company. (See Holden, John, assignor.)
Keuffel & Esser Company. (See Kells, L. M., Kern, and Bland, assignors.)
Keuffel & Esser Company. (See Keuffel, Adolf W., assignor.)
Keuffel & Esser Company. (See Keuffel, A. W., and Schermerhorn, assignors.)
Keuffer, E. H. (See Metcalf, Herbert E., assignor.)
Keulers, Jakob, Hilden, assignor to the firm Deutsche Röhrenwerke Aktiengesellschaft, Dusseldorf, Germany. Apparatus for testing pipe connections. 2,155,602; Apr. 25.
Keun, Herman L., Atwater, Ohio. Bottle cover. 2,169,986; Aug. 15.
Keune, Albert. (See Borrmann, W., and Keune.)
Keunecke, Emil, Oppau, and R. Werner, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Agtiengesellschaft, Frankfort-on-the-Main, Germany. Oxidation of hydrocarbons. 2,146,018; Feb. 7.
Keunecke, Emil, Oppau, and W. Muench, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Polymerization of unsaturated hydrocarbons. 2,173,482; Sept. 19.
Keuning, Klaas J. (See Dippel, C. J., Alink, and Keuning.)
Keuthan, Charles F., Middletown, Ohio. Step or rung. 2,179,412; Nov. 7.
Key, Clarence E., Los Angeles, Calif. Electric razor cleaner and holder. 2,184,645; Dec. 26.
Key, F. C., et al. (See Burton, Edgar F., assignor.)
Key, Frederick E., assignor, by mesne assignments, to Reconstruction Finance Corporation, St. Louis, Mo. Return bend. 2,148,863; Feb. 28.
Key, Thomas P., et al. (See McConnell, Charles, assignor.)
Keys, Roy E., North Hollywood, assignor of one-tenth to C. A. Miketta, Beverly Hills, Calif. Film handling device. 2,148,756; Feb. 28.
Keydel, Kurt R., Detroit, Mich. Mop. 2,174,633; Oct. 3.
Keyes-Davis Company, The. (See Barker, Wellington D., assignor.)
Keyes, Ernest E., assignor of one-half to E. H. Edelman, Kalamazoo, Mich. Expansible mandrel. 2,161,061; June 6.
Keyes, Ernest L. (See Hellmann, J., Keyes, and Petrone.)
Keyes Fibre Company. (See Schwertfeger, Walter J., assignor.)
Keyes, Grafton H. (See Staud, C. J., and Keyes.)
Keyes, Harmon E., Phoenix, Ariz. Fixing sulphur dioxide as sulphuric acid and ferric sulphate. Re. 21,215; Sept. 26.
Keyes, John J., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Magnet wire insulating machinery. 2,179,334; Nov. 7.
Keys, Grafton H. (See White, F. L., and Keyes, assignors.)
Keys, James J., New York, N. Y. Supporter. 2,157,454; May 9.
Keys, Walter W., Pittsfield, Mass. Garment hanger. 2,164,525; July 4.
Keyssner, Ernst. (See Reppe, W., Keyssner, and Nicolai.)
Keyssner, Ernst, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Making organic sulphides. 2,163,176; June 20.
Keystone Controls, Inc. (See Bond, Alexander R., assignor.)
Keystone Drum Company. (See McLain, B., and Voland, assignors.)
Keystone Mfg. Co. (See Marks, Isidore, assignor.)
Keystone Paper Box Company. (See Kagen, Kenneth S., assignor.)
Keystone Steel & Wire Company. (See Simmons, Raymond S., assignor.)
Keystone Steel & Wire Company. See Sommer, William H., assignor.)
Keystone View Company. (See Lewis, George K., assignor.)
Kharasch, Morris S., and R. R. Legault, Chicago, Ill., assignors to Eli Lilly and Company, Indianapolis, Ind. Ergot derivative and obtaining it. 2,156,242; Apr. 25.
Khatunzeff, Serge, New York, assignor to E. W. Bliss Company, Brooklyn, N. Y. Apparatus for shaping tubes, shells, or the like. 2,161,963; June 13.
Khuen-Kryk, Adam, Springfield, Pa. Vacuum device. 2,181,487; Nov. 28.
Kice, Murray S., Jr., Birmingham, assignor to American Blower Corporation, Detroit, Mich. Method and apparatus for cooling bearings. 2,175,470; Oct. 10.
Kichner, Henry P., R. L. Melton, and R. C. Benner, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Coating apparatus. 2,184,348; Dec. 26.
Kickhofel, Albert A., Detroit, Mich. Ashtray attachment. 2,154,335; Apr. 11.
Kidd, George B., Yonkers, assignor to Anaconda Wire and Cable Company, New York, N. Y. Apparatus for testing layers of insulation. 2,177,528; Oct. 24.
Kidd, George W., Victoria, British Columbia, Canada. Universal time indicating attachment for clocks. 2,148,907; Feb. 28.
Kidd, James M., Birmingham, Ala. Filter for cream and milk. 2,157,668; May 9.
Kidde, Walter, & Company. (See Heigis, Henry E., assignor.)
Kidder, Walter, & Company. (See Freygang, Walter H., assignor.)
Kidder, William E., assignor to Kalamazoo Sled Company, Kalamazoo, Mich. Hand sled. 2,155,714; Apr. 25.
Kidwell, Clarence, assignor, by mesne assignments, to K-Z Company, St. Louis, Mo. Anatomical injector and aspirator. 2,149,777; Mar. 7.
Kidwell, Grover C., Madison, Ind. Heated mattress. 2,162,021; June 13.
Kieckhefer Container Company. (See Stevenson, M. S., and (Wells, assignor.),)
Kiecksee, Max, Berlin-Wilmersdorf, assignor to Meco-Brennkraft-Maschinen G. m. b. H., Frankfort-on-the-Main, Germany. Ramming device on the Diesel principle. 2,167,983; Aug. 1.
Kiefer, Edwin F. (See Chaney, N. K., and Kiefer.)
Kiefer, Edwin F., Cleveland, Ohio, assignor to National Carbon Company, Inc. Plastic resinous cement. 2,174,886; Oct. 3.
Kiefer, Edwin F., Cleveland, Ohio, assignor to National Carbon Company, Inc. Impregnation of porous materials. 2,174,887; Oct. 3.
Kiefer, Karl, Machine Company, The. (See Fechheimer, Paul R., assignor.)
Kiefer, Karl, Machine Company, The. (See Rheinstrom, James A., assignor.)
Kieffer, John E., Ewing, Ind. Making indented material. 2,177,490; Oct. 24.
Kieffer, Jean, Norwich, Conn. X-ray device. 2,167,114; July 25.
Kieffer, Jean, Norwich, Conn. Radiation method and apparatus. 2,167,115; July 25.
Kieffer, Jean, Norwich, Conn. Spherical movement radiation method and apparatus. 2,167,116; July 25.
Kieft, Abram T., Grand Haven, Mich. Dish structure support. 2,144,159; Jan. 17.
Kieft, Abram T., Grand Haven, Mich., Dish structure. 2,172,140; Sept. 5.
Kiehlmann, Georg. (See Unglaube, E., and Kiehlmann.)
Kiehne, Alfred J., Derby Line, Vt., assignor to Union Twist Drill Company, Athol, Mass. Automatic drive for dies. 2,184,779; Dec. 26.
Kielland, Jakob D., Olso, Norway. Nut-locking arrangement. 2,173,420; Sept. 19.
Kiemle, Frederick F., Elmwood Park, Ill., assignor to C. G. Conn, Ltd., Elkhart, Ind. Rubber holder for cymbals. 2,163,949; June 27.
Kienel, Frederick J., and T. R. Fouts, Acworth, Ga. Knitting machine. 2,161,868; June 13.
Kiener, Christian, Eloyes, France. Safety fastening for skis. 2,144,021; Jan. 17.
Kienle, Herman J. (See Bierwirth, E. A., and Kienle.)
Kienle, Roy H. (See Crossley, M. L., Kienle, and Peiker.)
Kienle, Roy H. (See Shive, R. A., Coffee, and Kienle.)
Kienzle, Otto, Berlin-Sudende, Germany. Spindle press. 2,164,245; June 27.
Kienzle, Fritz, Meissen-on-the-Elbe, assignor of one-half to Fa. Maschinenfabrik Buckau R. Wolf A. G., Magdeburg, Germany. Perforating device. 2,142,728; Jan. 3.

Kiernan, Frank A., Portland, Oreg. Communication recording system. 2,182,632; Dec. 5.
Kiersted, Wynkoop, Jr., Scarsdale, assignor to The Texas Company, New York, N. Y. Process and apparatus for countercurrent treatment. 2,176,429; Oct. 17.
Kiesel, John S., et al. (See Kiesel, William F., Jr., assignor.)
Kiesel, John S., assignor to Darling Valve and Manufacturing Company, Williamsport, Pa. Breakable connection for hydrants. 2,166,412; July 18.
Kiesel, William F., 3d, et al. (See Kiesel, William F., Jr., assignor.)
Kiesel, William F., 3d, Long Island, N. Y. Heat and sound insulation. 2,175,630; Oct. 10.
Kiesel, William F., Jr., Hollidaysburg, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Refrigerator car and the like. Re. 21,147; July 11.
Kiesel, William F., Jr., Hollidaysburg, Pa., assignor of one-third to V. K. Rutan, Chevy Chase, Md., one-third to J. S. Kiesel, Williamsport, Pa., and one-third to W. F. Kiesel, 3d, Stewart Manor, Long Island, N. Y. Smoke box arrangement. 2,163,690; June 27.
Kiesel, William F., Jr., Hollidaysburg, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Railway car truck. 2,168,293; Aug. 1.
Kiesel, William F., Jr., Hollidaysburg, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Railway car brake mechanism. 2,168,294; Aug. 1.
Kieser, Hugo, assignor to J. M. Voith, Heidenheim-on-the-Brenz, Germany. Governor. 2,157,542; May 9.
Kiesler, Frederick, New York, N. Y. Party lounge and furniture construction. 2,170,382; Aug. 22.
Kiesling, Le Roy H., Brooklyn, N. Y. Elevator door mechanism. 2,156,295; May 2.
Kiesskalt, Siegfried, Frankfort-on-the-Main-Hochst, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Device for mechanically treating thixotropes. 2,145,198; Jan. 24.
Kiesskalt, Siegfried, Frankfort-on-the-Main-Hochst, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Kneading pump. 2,148,205; Feb. 21.
Kiesskalt, Siegfried, H. Tamke, K. Winnacker, and E. Weingaertner, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparing dispersions of coal and oil. 2,162,200; June 13.
Kiesskalt, Siegfried, Frankfort-on-the-Main-Hochst, and W. Mejer, Bad Soden, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Grinding device. 2,171,115; Aug. 29.
Kiesskalt, Siegfried, Frankfort-on-the-Main-Hochst, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Gyratory crusher. 2,171,429; Aug. 29.
Kiessling, Fred W., Cleveland Heights, Ohio. Graphic method and means. 2,155,094; Apr. 18.
Kiessling, Max J. (See Kiessling, Max and M. J.)
Kiessling, Max and M. J., Waterbury, Conn. Hopper machine for stacking slide fastener elements. 2,157,709; May 9.
Kiessling, Max, and A. Krieger, Waterbury, Conn. Two-part stop for separable slide fastener tapes. 2,169,608; Aug. 15.
Kiessling, Max, and A. Krieger, Waterbury, Conn. Making two-part stops for separable slide fastener tapes. 2,169,609; Aug. 15.
Kiessling, Max, and A. Krieger, Waterbury, Conn. Making slide fastener stops. 2,169,610; Aug. 15.
Kietz, Adolf, et al. (See Bezzenberger, Frederick K., assignor.)
Kietz, Adolf, et al. (See Brown, W. H., and Spaeth, assignors.)
Kietz, Adolph, et al. (See Decker, George, assignor.)
Kietz, Hans, assignor to Atlas Werke Aktiengesellschaft, Bremen, Germany. Depth measuring apparatus. 2,179,509; Nov. 14.
Kieweg, Homer, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Recovery of nitroparaffins. 2,153,063; Apr. 4.
Kieweg, Rudolph, Sacramento, Calif. Peach pitter. 2,158,545; May 16.
Kikuchi, Hideyuki, Nihonbashi-ku, Tokyo, Japan, assignor to Nihon Koshuha Jukogyo Kabushiki Kaisha, Keijo, Korea. Metallurgical treatment of ores by high frequency electric currents. 2,177,070; Oct. 24.
Kilb, Francis C., Larchmont, N. Y. Air circulating device. 2,158,074; May 16.
Kilberger, Frank L., Cedar Rapids, Iowa. Threshing machine. 2,150,976; Mar. 21.
Kilborn, Lawrence, Bronz, assignor to A. Sellaro, New York, N. Y. Emergency ignition unit. 2,152,650; Apr. 4.
Kilborn-Sauer Company, The. (See Sauer, Henry J., assignor.)
Kilborn, William T., Pittsburgh, and F. K. Landgraf, Grafton, assignors to Flannery Bolt Company, Bridgeville, Pa. Porous plug for staybolts and the manufacture thereof. 2,150,927; Mar. 21.
Kilburg, James, San Francisco, Calif., assignor to Turgard, Inc., Portland, Oreg. Tooth brush. 2,149,890; Mar. 7.
Kilby Manufacturing Company, The. (See Grill, H. E., and Feldstein, assignors.)
Kilcup, Ernest I., Barrington, R. I., assignor to Davol Rubber Company. Nursing nipple and the like. 2,178,426; Oct. 31.
Kilgallon, James A., Chicago, Ill. Precious metal alloy. 2,172,512; Sept. 12.
Kilgore Development Corporation. (See Kilgore, Lowell B., assignor.)
Kilgore, Lee A., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Discharge protective system. 2,169,027; Aug. 8.
Kilgore, Lowell B., assignor to Kilgore Development Corporation, Washington, D. C. Selective extraction of rotenone by certain esters. 2,149,917; Mar. 7.
Kilgore, Lowell B., assignor to Kilgore Development Corporation, Washington, D. C. Stabilized composition. 2,158,724; May 16.
Kilian, Frederick K., assignor to Kilian Manufacturing Corporation, Syracuse, N. Y. Rubber tired roller. 2,149,349; Mar. 7.
Kilian Manufacturing Corporation. (See Kilian, Frederick K., assignor.)
Kilian, Rudolph. (See Scusa, L., and Kilian.)
Kilkenny, William F., Providence R. I., assignor, by mesne assignments, to Talon, Inc., Meadville, Pa. Detachable ornament. 2,148,757; Feb. 28.
Killefer Manufacturing Corporation. (See Mitchell, Rollie H., assignor.)
Killefer Manufacturing Corporation. (See Mitchell, R. H., and Sjogren, assignors.)
Killefer Manufacturing Corporation (See Sanders, Lorne, assignor.)
Killefer Manufacturing Corporation. (See Sjogren, O. W., and Gerold, assignors.)
Killefer Manufacturing Corporation. (See Sjogren, O. W., and Mitchell, assignors.)
Killeffer, David H., Crestwood, N. Y. Method of and apparatus for refrigeration. 2,175,267; Oct. 10.
Killette, Charles J., Hogansville, Ga., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Apparatus for stretching cord. 2,148,162; Feb. 21.
Killgore, Robert J., Los Nietos, Calif. Percussion tool. 2,161,062; June 6.
Killian, Charles M., Miami, assignor to D. L. Killian, Kendall, Fla. Window protector. 2,150,280; Mar. 14.
Killian, Dan L. (See Killian, Charles M., assignor.)
Killian, Stanley, Shickshinny, Pa. Spindle and bobbin. 2,148,819; Feb. 28.
Killian, Thomas J., assignor to Barkon Tube Lighting Corporation, Seattle, Wash. Pressure control device for luminous tubes. 2,165,709; July 11.
Killian, Thomas J., Seattle, Wash. Electrode for ionic discharge devices. 2,154,404; Apr. 11.
Killinger, George, Burlington, assignor of one-half to W. L. Harvey, Marshalltown, Iowa. Hunter's blind. 2,159,273; May 23.
Killingstad, Ralph, New Smyrna, Fla., assignor, by mesne assignments, to General American Precooling Corporation, Chicago, Ill. Treatment of commodities. 2,183,915; Dec. 19.
Killman, Robert T. (See Killman, Thomas A. and R. T.)
Killman, Robert T. and T. A., Nashville, Tenn. Projecting motion pictures in natural color. 2,156,814; May 2.
Killman, Thomas A. (See Killman, Robert T. and T. A.)
Killman, Thomas A. and R. T., Nashville, Tenn., assignors to Dazey Churn & Mfg. Co. Timing device. 2,143,074; Jan. 10.
Killmer, Ogden, Hasbrouck Heights, N. J. Locking slider for slide fasteners. 2,159,387; May 23.
Killmeyer, Chester A., Stratford, and G. L. Reichhelm, New Haven, assignors to F. A. Kane, Derby, Conn. Nozzle. 2,152,057; Mar. 28.
Killmeyer, Chester A., Stratford, assignor to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Hand oiler for testing visible contents. 2,165,860; July 11.
Killmeyer, Chester A., Stratford, and G. L. Reichhelm, New Haven, assignors to F. A. Kane, Derby, Conn. Gasifying apparatus. 2,176,305; Oct. 17.
Killoran, Joseph L. (See Elvin, W. J., and Killoran.)
Killoran, Joseph L. (See Mansfield, S. A., and Killoran.)
Kilpatrick, Wilford G., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,172,960; Sept. 12.
Kimball, A., Company. (See Godsoe, William A., assignor.)
Kimball, A., Company. (See Marsh, Alonzo K., assignor.)
Kimball, A., Company. (See Weimont, Joseph, assignor.)
Kimball, Charles N., East Orange, N. J., assignor to Radio Corporation of America. Automatic volume control circuits. 2,153,760; Apr. 11.
Kimball, Charles N., East Orange, N. J., and E. W. Wilby, Westerleigh, Staten Island, N. Y., assignors to Radio Corporation of America. Tuning indicator circuit. 2,159,802; May 23.
Kimball, Charles N., East Orange, N. J., and E. W. Wilby, Staten Island, N. Y., assignors to Radio Corporation of America. Band width indicator circuit. 2,165,799; July 11.
Kimball, Cyril S., Brooklyn, N. Y. Composition for removing worn lubricant material. 2,169,344; Aug. 15.
Kimball, Donald E., Cleveland, Ohio, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Adjustable head band device. 2,184,425; Dec. 26.

Kimball, Donald G., Stratford, Conn., assignor to General Electric Company. Fused convenience outlet. 2,151,555; Mar. 21.
Kimball, Donald G., Stratford, Conn., assignor to General Electric Company. Push-on type handle. 2,172,977; Sept. 12.
Kimball, Franklin E., Los Angeles, Calif. Contacting hydrocarbon vapors with zinc chloride. 2,171,033; Aug. 29.
Kimball, Harry G. (See Coster, Frank R., assignor.)
Kimball, Leo B., New Haven, Conn., assignor to Fuel Development Corporation. Valve for automatic control of supplementary liquids. 2,167,266; July 25.
Kimball, Marston H. (See Boyce, A. M., Chandler, and Kimball.)
Kimball, Philip W., Ashland, Mass., assignor to International Business Machines Corporation, New York, N. Y. Computing scale. 2,165,275; July 11.
Kimball, Ranch S., Salt Lake City, Utah. Advertising and warning sign. 2,165,276; July 11.
Kimball, Raymond, Hollywood, Calif. Multiunit radio receiving system. 2,179,043; Nov. 7.
Kimball, Samuel F. (See Doty, G. A., and Kimball.)
Kimball, Richard H., assignor to George O. Jenkins Company, Bridgewater, Mass. Dust guard. 2,165,102; July 4.
Kimball, Wallace D., Jackson Heights, C. I. Braren, Jamaica, and J. H. Mosley, Jackson Heights, assignors to Standard-Knapp Corporation, Long Island City, N. Y. Case packing machine. 2,148,820; Feb. 28.
Kimber, Ellwood W., Colmar, and P. P. McManus, assignors to John B. Stetson Company, Philadelphia, Pa. Hat brim curling method and apparatus. 2,163,379; June 20.
Kimbirl, Julius E., assignor to The Terrell Machine Company, Charlotte, N. C. Bobbin stripper. 2,149,778; Mar. 7.
Kimble Glass Company. (See Harker, J. S., and Van Gorden, assignors.)
Kimble Glass Company. (See Walker, Walter T., assignor.)
Kimble, Herman K., Vineland, N. J. Producing a double-walled container. 2,181,240; Nov. 28.
Kimble, John S., and S. E. Palmer, Kingsport, Tenn., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Molding method. 2,151,476; Mar. 21.
Kimble, John S., Kingsport, Tenn., assignor to Eastman Kodak Company, Rochester, N. Y. Method and apparatus for improving thermoplastic sheeting. 2,177,661; Oct. 31.
Kimble, John S., and E. C. Blackard, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Feeding thermoplastic materials. 2,177,658; Oct. 31.
Kimble, John S., E. C. Blackard, and J. S. McLellan, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Method and apparatus for making improved thermoplastic sheeting. 2,177,660; Oct. 31.
Kimble, John S., and J. S. McClellan, Kingsport, Tenn., assignors to Eastman Kodak Company, Rochester, N. Y. Improving thermoplastic sheeting. 2,177,659; Oct. 31.
Kime, Leslie L., Seattle, Wash. Cleaning method and appliance for coffee-brewing percolator vessels. 2,143,780; Jan. 10.
Kimler, Courtney W., Sr., et al. (See Rice, E. W., and Buchele, assignors.)
Kimmich, Elmer G., and J. L. Cutler, Akron, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Flanged hose. 2,146,218; Feb. 7.
Kimmel, Charles P., Gary, Ind. Bearing for rolling mills. 2,157,455; May 9.
Kimmel, Hermann. (See Strecker, F., and Kimmel.)
Kimmel, Hermann, Munich-Nymphenburg, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt-Berlin, Germany. Transmission line. 2,169,360; Aug. 15.
Kimmel, Joseph G., Sarasota, Fla. Injecting fuel into internal combustion engines. 2,164,684; July 4.
Kimmel, Singleton H., Pittsburgh, Pa., assignor to Koppers Company. Coke-oven operating appliance. 2,179,635; Nov. 14.
Kimmich, William, Flushing, N. Y., assignor to Radio Corporation of America. Optical system. 2,164,526; July 4.
Kimmich, William, Flushing, N. Y., assignor to Radio Corporation of America. Facsimile recording system. 2,172,539; Sept. 12.
Kimpton, William D. (See Bundenthal, Jacob and G., and Kimpton.)
Kimpton, William H. (See Fulton, S. M., and Kimpton.)
Kimpton, William H., and S. M. Fulton, Spondon, near Derby, England, assignors to Celanese Corporation of America. Yarn winding apparatus. 2,176,970; Oct. 24.
Kinatome Patents Corporation. (See Proctor, Barton A., assignor.)
Kind, Oscar, Rodenkirchen, near Cologne-on-the-Rhine, Germany. Device for holding in readiness a supply of adhesive paper bands provided with carrying handle loops. 2,144,883; Jan. 24.
Kind, Oscar, Rodenkirchen, near Cologne, Germany. Device for tensioning metal binding strips for packages and the like. 2,154,851; Apr. 18.
Kind, Oscar, Rodenkirchen, near Cologne, Germany. Apparatus for playing a table game. 2,170,373; Aug. 22.
Kindelmann, Albert. (See Frappier, L. S., and Kindelmann.)
Kinder, Halsey G., assignor to Macwhyte Company, Kenosha, Wis. Apparatus for lubrication. 2,180,875; Nov. 21.
Kindermann, Hermann, Dvur Kralove nad Laben, Czechoslovakia. Apparatus for the photographic production of outlines for engraved rollers used in textile printing. 2,144,066; Jan. 17.
Kindl, Carl H. (See Pontis, W. G., and Kindl.)
Kindl, Carl H., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Shock absorber. Re. 21,067; May 2.
Kindl, Carl H., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Master cylinder for hydraulic brakes. 2,152,485; Mar. 28.
Kiner, Glenn, Park Ridge, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Switch synchronizing system. 2,146,189; Feb. 7.
Kiner, Glenn, Park Ridge, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Liquid level indicating device. 2,148,075; Feb. 21.
Kiner, Glenn, Park Ridge, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Station selector system. 2,184,387; Dec. 26.
Kines, Charles R., Baltimore, Md. Aircraft recording means. 2,170,383; Aug. 22.
Kinetic Chemicals, Incorporated. (See Daudt, Herbert W., assignor.)
Kinetic Chemicals, Incorporated. (See Dunphy, Raymond A., assignor.)
Kinetic Chemicals, Inc. (See Holt, L. C., and Daudt, assignors.)
Kinetic Cycle Research Corporation. (See Kahn, Benjamin, assignor.)
King, Aden J., assignor to King Laboratories Inc., Syracuse, N. Y. Getter. 2,146,374; Feb. 7.
King, Alvin N., Oakland, Calif. Comb. 2,154,336; Apr. 11.
King, Alvin N., Oakland, Calif. Thimble stick attachment. 2,154,337; Apr. 11.
King, Archie P. (See Southworth, G. C., and King.)
King, Archie P., and A. E. Bowen, Red Bank, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Termination for dielectric guides. 2,151,118; Mar. 21.
King, Bert W., Detroit, Mich. Scale. 2,182,590; Dec. 5.
King, Charles S. (See Block, L., and King.)
King, Clarence D., Brooklyn, N. Y. Making steel. 2,162,437; June 13.
King, Clyde H., assignor of one-fourth to R. M. Denton and B. Ketner, Sevierville, Tenn., one-fourth to W. R. Stuebing, Cincinnati, Ohio, and one-fourth to S. J. Milligan, Greeneville, Tenn. Closure fastener. 2,165,896; July 11.
King, Dean W., San Mateo, Calif. Firearm hammer. 2,159,527; May 23.
King, Dean W., San Mateo, Calif. Adjustable gun sight. 2,162,090; June 13.
King, Denver R., U. S. Navy. Device for arresting the motion of vehicles. 2,151,704; Mar. 28.
King, Edward A., Dorchester, assignor of one-half to C. F. Adams, Framingham, Mass. Collar and lining material therefor. 2,150,881; Mar. 14.
King, Edward F., Cranston, R. I. Treating fibrous material. 2,154,943; Apr. 18.
King, Edward P., Lansdowne, assignor to The Atlantic Refining Company, Philadelphia, Pa. Treatment of hydrocarbon oils. 2,166,160; July 18.
King, Elsie H., South Bend, Wash. Logging apparatus. 2,156,183; Apr. 25.
King, Emory L., Ridgefield Park, N. J. Bench vise. 2,152,058; Mar. 28.
King, Frank A., Los Angeles, Calif. Fishing reel. 2,162,726; June 20.
King, George D., and G. L. Phelps, assignors to United States Gypsum Company, Chicago, Ill. Building block. 2,158,982; May 16.
King, George F. W., Helena, Mont. Rotary tooth brush. 2,171,308; Aug. 29.
King, George L., assignor to King Laboratories Inc., Syracuse, N. Y. Multiple getter. 2,183,841; Dec. 19.
King, Harry, Portsmouth, Ohio. Food molding machine. 2,176,905; Oct. 25.
King, Harry, Portsmouth, Ohio, assignor to Wheeling Steel Corporation, Wheeling, W. Va. Machine for applying protective heads to nails. 2,174,750; Oct. 3.
King, Harry C., Quincy, Mass, assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 2,167,658; Aug. 1.
King, Harry C., Quincy, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 2,173,967; Sept. 26.
King, Harry C., Quincy, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoe bottom units. 2,173,968; Sept. 26.
King, Henry J. H., Nailsworth, England. Malt house. 2,150,769; Mar. 14.
King, Henry K. (See Peters, M. F., Parr, and King.)
King, Henry V., Shawnee, Okla. Liquid separator. 2,180,811; Nov. 21.

King, Jasper E., and V. R. Powell, Denver, Colo., dedicated to the free use of the People in the Territory of the United States. Folding portable stereoscope. 2,178,324; Oct. 31.
King, John, London, England. Opening roof for vehicle bodies. 2,155,275; Apr. 18.
King, John H., Mansfield, Ohio. Sander. 2,169,954; Aug. 15.
King, John R., Dallas, Tex. Combined motor vehicle service cabinet and table. 2,184,047; Dec. 19.
King, Joseph B., assignor, by mesne assignments, of one-half to F. H. Nichols, Houston, Tex. Game board. 2,177,182; Oct. 24.
King, Joseph B. and R. W., Chicago, Ill. Incinerator screen and settling chamber. 2,171,798; Sept. 5.
King, Kenneth J. (See Biszantz, F., and King.)
King, Kenneth L., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Controlling or keying arrangement. 2,152,764; Apr. 4.
King Laboratories Inc. (See King, Aden J., assignor.)
King Laboratories Inc. (See King, George L., assignor.)
King, Lamar R., Schlater, assignor of one-half to W. M. Blain, Greenwood, Miss. Planter. 2,166,413; July 18.
King, Landreth H., Orange, N. J., assignor to King Mechanism and Engineering Company, New York, N. Y. Dumping device. 2,145,881; Feb. 7.
King, Laurie B. (See Hawkins, James M., assignor.)
King, Lynn. (See Muskat, I. E., and King.)
King Manufacturing Corporation. (See Senauke, Alexander, assignor.)
King Mechanism and Engineering Company. (See King, Landreth H., assignor.)
King, Orville D., Dayton, Ohio, assignor to Oxford Varnish Corporation, Detroit, Mich. Decorating apparatus. 2,147,653; Feb. 21.
King, Robert A., Erie, Pa., assignor to General Electric Company. Refrigerator cabinet. 2,176,717; Oct. 17.
King, Robert W. (See King, Joseph B. and R. W.)
King, Roderick V., Girard, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Siding control and signal for toy railroads. 2,163,430; June 20.
King, Roderick V., Girard, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Remote control system for toy train accessories. 2,173,483; Sept. 19.
King, Rollin, and E. T. Boaden, Los Angeles, Calif. Negative holder. 2,154,510; Apr. 18.
King-Seeley Corporation. (See Adler, Herman G., assignor.)
King-Seeley Corporation. (See Darnell, Rex C., assignor.)
King-Seeley Corporation. (See Evans, James C., assignor.)
King, Walter. (See Lawrence, Joseph L., assignor.)
King, Walter, assignor to Langendorf United Bakeries, Inc., San Francisco, Calif. Bread-slice greasing machine. 2,144,924; Jan. 24.
King, William. (See Lowe, Joseph H., and King.)
King, William J., East Orange, N. J., assignor to General Electric Company. Temperature regulating system. 2,160,592; May 30.
King, William R. (See Cousins, M. V., Bond, Kirkpatrick, Nowlin, and King.)
King, William R., Mineola, Tex. Packing ring. 2,172,141; Sept. 5.
King, William R., Mineola, Tex. Regulator valve. 2,182,873; Dec. 12.
King, William R., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,174,386; Sept. 26.
King, Willis L., Rockville Centre, and H. T. Horscraft, Oceanside, N. Y. Cake cutter and server. 2,182,726; Dec. 5.
King, Wilmont H., New Orleans, La. Two-temperature thermostatic snap action valve for refrigeration systems. 2,142,903; Jan. 3.
Kingdon, Kenneth H., Schenectady, N. Y., assignor to General Electric Company. Method and apparatus for X-ray production. 2,149,093; Feb. 28.
Kingdon, Kenneth H., Schenectady, N. Y., assignor to General Electric Company. Electrical discharge device. 2,150,770; Mar. 14.
Kingdon, Ralph H., assignor to Square D Company, Detroit, Mich. Electric meter service appliance. 2,145,546; Jan. 31.
Kingdon, Ralph H., assignor to Square D Company, Detroit, Mich. Trolley duct gate. 2,148,237; Feb. 21.
Kingdon, Ralph H., assignor to Square D Company, Detroit, Mich. Mounting means for enclosed electric devices. 2,165,103; July 4.
Kingman, Russell B. (See Stroop, John H., assignor.)
Kingman, Russell B., Orange, N. J. Plant irrigating and feeding device. 2,145,934; Feb. 7.
Kingman, Russell B., Orange, N. J. Wax charged applicator pad. 2,157,543; May 9.
Kingman, Russell B., Orange, N. J. Wax or like applicator. 2,160,155; May 30.
Kingman, Russell B., Orange, assignor to Metal Textile Corporation, West Orange, N. J. Scouring and cleaning implement. 2,152,697; Apr. 4.
Kingsbury, Bert C., Lebec, Calif. Pitman lock ring. 2,147,534; Feb. 14.
Kingsbury, Edward J. (See Foster, B. N., and Kingsbury.)
Kingsbury, Edward J., Keene, N. H. Machine tool unit with feeding mechanism. 2,160,217; May 30.
Kingsbury, Edwin F., and H. T. Reeve, Rutherford, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alloys. 2,148,562; Feb. 28.
Kingsbury Engineering Company, The. (See Myers, S., and Camp, assignors.)
Kingsbury, Franklin L., and W. Grave, St. Louis, Mo., assignors to National Lead Company, New York, N. Y. Beneficiating titaniferous ores. 2,154,130; Apr. 11.
Kingsbury, George P., Holis, N. Y., assignor to Mergenthaler Linotype Company. Slug-casting machine. 2,159,274; May 23.
Kingsbury, Harry T., Keene, N. H. Registering bank. 2,158,459; May 16.
Kingsbury, Harry T., Keene, N. H. Toy ladder truck. 2,164,460; July 4.
Kingsbury Machine Tool Corporation. (See Foster, Benjamin N., assignor.)
Kingsbury Machine Tool Corporation. (See Foster, B. N., and Kingsbury, assignors.)
Kingsbury Machine Works, Inc. (See Howarth, Harry A. S., assignor.)
Kingsbury Machine Works, Inc. (See Kingsbury, Albert, assignor.)
Kingsland, George D., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Summer-winter air conditioning system. Re. 21,154; July 18.
Kingsland, George D., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning mechanism. 2,154,511; Apr. 18.
Kingsland, George D., Minneapolis, Minn., and J. E. Robb, Topeka, Kans., assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. All year air conditioning system. 2,143,351; Jan. 10.
Kingsley, Donald G. (See Oftedal, P. R., and Kingsley.)
Kingsley, George A., deceased; R. Riethmiller, administratrix, assignor to Hayes Industries, Inc., Jackson, Mich. Muffler. 2,148,948; Feb. 28.
Kingsley, Lewis A., Los Angeles, Calif. Work supporting device. 2,148,563; Feb. 28.
Kingsport Press, Inc. (See Palmer, Elbridge W., assignor.)
Kingsport Press, Inc. (See Palmer, E. W., and Beutler, assignors.)
Kingston, Frederick S. (See Conley, Brooks L., assignor.)
Kingston, John R., and W. H. Powell, London, England. Combustion-product engine. 2,160,218; May 30.
Kingston Products Corporation. (See Douglas, Harry A., assignor.)
Kinion, Archie A., et al. (See Philippe, George A., assignor.)
Kinkead, Fullerton S., Ridgefield Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph system. 2,146,824; Feb. 14.
Kinkead, Fullerton S., Ridgefield Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraph line circuit. 2,151,772; Mar. 28.
Kinkead, Fullerton S., Ridgefield Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Printing telegraph exchange system. 2,163,431; June 20.
Kinkead, Fullerton S., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regenerative telegraph repeater. 2,154,623; Apr. 18.
Kinkead, Fullerton S., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regenerative telegraph repeater. 2,154,624; Apr. 18.
Kinkead, Fullerton S., assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Teletypewriter apparatus. 2,173,170; Sept. 19.
Kinkead, Fullerton S., Ridgefield Park, N. J., and F. J. Singer, Rockville Centre; said Kinkead assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y., and said Singer assignor to American Telephone and Telegraph Company. Telegraph exchange system. 2,173,335; Sept. 19.
Kinkead Industries Incorporated. (See Fanning, Wilbur A., assignor.)
Kinkead, Robert E. (See Stone, M. D., and Kinkead.)
Kinkead, Robert E., Cleveland, Ohio. Method and apparatus for alloying metal. 2,175,606; Oct. 10.
Kinkead, Robert E., Cleveland, Ohio. Metal-alloying and heat-treating. 2,175,607; Oct. 10.
Kinkham, Virgil H. (See Riffey, E. W., and Kirkham.)
Kinlock Donald H., Parlin, N. J., assignor to Du Pont Film Manufacturing Corporation, New York, N. Y. Nonabrading reloadable cartridge. 2,153,573; Apr. 11.
Kinn, Theodore P., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Coupling circuits. 2,165,058; July 4.
Kinnard, Frank M., Sebring, Ohio. Clay working machine. 2,167,386; July 25.
Kinnard, Isaac F., Lynnfield, Mass., assignor to General Electric Company. Meter connection box. 2,154,310; Apr. 11.
Kinnard, James A. (See Wright, Everett G., assignor.)
Kinne, Edmund P., Alliance, Ohio, assignor to American Steel Foundries, Chicago, Ill. Coupler. 2,183,501; Dec. 12.
Kinne, Edmund P., and F. H. Kayler, Alliance, assignors to American Steel Foundries, Chicago, Ill. Coupler. 2,160,419; May 30.
Kinne, Edmund P., and E. J. Greenawalt, Alliance, Ohio, assignors to American Steel Foundries, Chicago, Ill. Coupler structure. 2,167,613; July 25.

Kinnear, Samuel E. (See Lloyd-Jones, T. C., and Kinnear.)
Kinnebrew, Walter L., Emeryville, Calif. Detachable electrical connector. 2,170,287; Aug. 22.
Kinnee, Herbert E., Detroit, Mich. Card game indicator. 2,156,856; May 2.
Kinneman, William P., Westfield, N. J., assignor to Raymond Concrete Pile Company, New York, N. Y. Cushion for pile driving. 2,184,745; Dec. 26.
Kinney, Charles S. (See Engel, K., and Kinney.)
Kinney, Fay D. (See Moulton, H. R., and Kinney.)
Kinney, James A., Bethlehem, Pa., assignor to Bethlehem Steel Company. Manufacturing bolts and similar articles. 2,146,825; Feb. 14.
Kinney, Le Baron W., Jr., assignor to The White Motor Company, Cleveland, Ohio. Liquid level indicator. 2,159,275; May 23.
Kinney, Raymond E., Topeka, Kans. Wrist strap note pad. 2,167,893; Aug. 1.
Kinney, William F. (See Mann, H. G., and Kinney.)
Kinninger, Arthur M. and C. A., Dayton, Ohio. Wedge for use with wall ties. 2,166,444; July 18.
Kinninger, Carl A. (See Kinninger, Arthur M. and C. A.)
Kinnucan, Anne S., Chicago, Ill. Stocking suspender. 2,160,156; May 30.
Kin-o-Lux, Inc. (See Nemnich, Gustav, assignor.)
Kinross, Rupert I., London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Automatic frequency control circuits for carrier wave receivers. 2,173,301; Sept. 19.
Kinsbury, Albert, Greenwich, Conn., assignor to Kingsbury Machine Works, Inc., Philadelphia, Pa. High speed thrust bearing. 2,168,345; Aug. 8.
Kinsel, Anton, Petrolia, Pa., assignor to L. Sonneborn Sons, Inc. Regenerating a bauxite adsorbent. 2,160,874; June 6.
Kinsella, Edward, Spondon, near Derby, England, assignor to Celanese Corporation of America. Yarn winding machine. 2,145,935; Feb. 7.
Kinsella, Edward, Spondon, near Derby, England, assignor to Celanese Corporation of America. Shuttle for circular looms. 2,175,269; Oct. 10.
Kinsella, Edward, and F. S. Hardy, Spondon, near Derby, England, assignors to Celanese Corporation of America. Circular loom shuttle. 2,175,268; Oct. 10.
Kinsella, Edward, and R. W. Moncrieff, Spondon, near Derby, England, assignors to Celanese Corporation of America. Yarn-winding machine. 2,176,182; Oct. 17.
Kinsley, Andrew W., Dayton, Ohio. Gun mounting for aircraft. 2,176,907; Oct. 24.
Kintzinger, John W., Jr. (See Corzine, Chalmers S., assignor.)
Kinyon, Brice W., Audubon, N. J. Manifolding. 2,164,685; July 4.
Kinzbach, Frank. (See Osmun, F. N., and Kinzbach.)
Kinzbach, Frank, Houston, Tex. Whip stock. 2,158,329; May 16.
Kinzbach, Robert B. (See Bowen, G. W., and Kinzbach.)
Kinzbach, Robert B., Houston, Tex. Whip stock anchor. 2,145,422; Jan. 31.
Kinzel, Augustus B., Douglaston, N. Y., assignor to Electro Metallurgical Company. Fireproof bronze welded structure. 2,145,625; Jan. 31.
Kinzel, Augustus B., Douglaston, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Alloy steel. 2,152,434; Mar. 28.
Kinzie, Charles J., Niagara Falls, assignor to The Titanium Alloy Manufacturing Company, New York, N. Y. Coherent zirconium silicates. Re. 21,224; Oct. 3.
Kinzie, Charles J., and D. S. Hake, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Zirconium carboxide and making same. 2,143,013; Jan. 10.
Kinzie, Charles J., and D. S. Hake, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Crystalline granular titanium carbide and making same. 2,149,939; Mar. 7.
Kinzie, Charles J., and D. S. Hake, Niagara Falls, assignors to The Titanium Alloy Manufacturing Company, New York, N. Y. Making zirconium oxide. 2,168,603; Aug. 8.
Kinzie, Phillip A., J. L. Savage, and M. E. Nantz, assignors to Universal Hydraulic Corporation, Denver, Colo. Hydraulic rotor operated butterfly valve. 2,152,651; Apr. 4.
Kip, Henry E., Lakewood, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Fluid moving machine. 2,179,824; Nov. 14.
Kipper, Herman B., Accord, Mass. Production of chlorinated unsaturated petroleum hydrocarbons. 2,152,890; Apr. 4.
Kipper, Herman B., Accord, Mass. Manufacture of paints. 2,171,851; Sept. 5.
Kipper, Joseph, Seattle, Wash. Meat mold. 2,158,702; May 16.
Kipperman, Jan, and A. J. J. Lambeek, Tilburg, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Manufacturing condenser electrodes. 2,161,419; June 6.
Kirby, Frank G., Long Island City, and A. E. Irving, Brooklyn, N. Y.; said Irving assignor to said Kirby. Camera. 2,172,283; Sept. 5.
Kirby, George. (See Gore, H. C., Kirby, and Frey.)
Kirby, James B., West Richfield, Ohio. Suction sweeper. 2,172,911; Sept. 12.
Kirby, John H., 2d, Houston, Tex. Sample taking device. 2,181,512; Nov. 28.
Kirby, Samuel B., Jr., Louisville, Ky. Illuminated structure. 2,157,264; May 9.
Kirby, William D., Arlington, Kans. Dental flask. 2,159,437; May 23.
Kirch, Ernst, Berlin-Friedenau, Germany, assignor to General Electric Company. High pressure fluid insulated electric cable. 2,145,182; Jan. 24.
Kirch, Ernst, Berlin-Friedenau, Germany, assignor to General Electric Company. High frequency cable. 2,172,978; Sept. 12.
Kirch, Ernst, Berlin-Niederschoneweide, Germany, assignor to General Electric Company. Gas pressure electric cable. 2,159,742; May 23.
Kirch, Josef, Berlin, assignor to Mix & Genest Aktiengesellschaft, Berlin-Schoneberg, Germany. Intercommunication system. 2,184,842; Dec. 26.
Kirchberg, James M., New Orleans, La. Facing machine. 2,169,803; Aug. 15.
Kircher, Ralph N., assignor to West Bend Aluminum Company, West Bend, Wis. Cigarette holder. 2,152,195; Mar. 28.
Kircher, Ralph N., assignor to West Bend Aluminum Company, West Bend, Wis. Serving oven. 2,170,904; Aug. 29.
Kircher, Reymond J., Asbury Gables, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal translating apparatus. 2,163,244; June 20.
Kirchhof, Julius, assignor to firm Societe d'Exploitation des Procedes Dabeg, Paris, France. Adjustable thrust bearing for valve springs. 2,155,195; Apr. 18.
Kirchner, Alfred M., South Hills, and H. E. Romine, Pittsburgh, Pa. Pickling. 2,162,846; June 20.
Kirchner, Carl, assignor to Leggett and Platt Spring Bed and Manufacturing Company, Carthage, Mo. Method and apparatus in making spring structures. 2,176,262; Oct. 17.
Kirchner, Henry P. (See Melton, R. L., Kirchner, and Benner.)
Kirchner, Henry P., assignor to The Carborundum Company, Niagara Falls, N. Y. Mounting for abrasive segments. 2,177,549; Oct. 24.
Kirgan, John. (See Smith, H. A., and Kirgan.)
Kirgan, John, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Controlling apparatus. 2,145,602; Jan. 31.
Kirgan, John, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Controlling apparatus. 2,146,260; Feb. 7.
Kirgan, John, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Refrigerating apparatus. 2,155,664; Apr. 25.
Kirgan, John, Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Refrigerating apparatus. 2,183,615; Dec. 19.
Kirgan, John, Easton, Pa., and J. A. MacLean and G. H. Woodard, Phillipsburg, assignors to Ingersoll-Rand Company, Jersey City, N. J. Controlling apparatus for refrigerating systems. 2,143,560; Jan. 10.
Kirk, Cecil E., Edna, Tex. Repair clamp. 2,182,258; Dec. 5.
Kirk, James E., Bremen, Ga. Police grab. 2,157,612; May 9.
Kirk, Lloyd H., Cranston, and B. J. Jacobson, Warwick, R. I., assignors to Martin-Copeland Company, Ophthalmic mounting. 2,171,753; Sept. 5.
Kirk, Lloyd H., Cranston, and C. Plouffe, assignors to Martin-Copeland Company, Providence, R. I. Ophthalmic mounting for rimless spectacles or eyeglasses. 2,176,590; Oct. 17.
Kirk, Martin J. (See Jacob, F. N., and Kirk.)
Kirk, Miles W. (See Malozemoff, P., MacAfee, and Kirk.)
Kirk, Ralph L., Bellevue, assignor to Railway and Industrial Engineering Company, South Greensburg, Pa. Sequence operation control and interlock system. 2,166,058; July 11.
Kirk, Ralph L., Bellevue, assignor to Railway and Industrial Engineering Company, South Greensburg, Pa. Lock for interlock systems. 2,166,059; July 11.
Kirk, Ralph L., Bellevue, assignor to Railway and Industrial Engineering Company, South Greensburg, Pa. Interlock system. 2,166,061; July 11.
Kirk, Ralph L., Pittsburgh, assignor to Railway and Industrial Engineering Company, Greensburg, Pa. Lock. 2,166,060; July 11.
Kirk, Roy C., assignor to The Dow Chemical Company, Midland, Mich. Producing magnesium. 2,158,786; May 16.
Kirk, Walter B., East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Strainer cleaning device. 2,170,081; Aug. 22.
Kirke, Wallace B., Key West, Fla. Sandal. 2,177,571; Oct. 24.
Kirkendall, Stanley L., Corning, N. Y., assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Method and apparatus for controlling the impregnation of textiles. 2,177,323; Oct. 24.
Kirkland, Oliver L., and F. S. Dygard, Omaha, Nebr.; E. Dygard, administratrix of said Fred S. Dygard, deceased; said Kirkland assignor to E. Dygard. Pants reversing device. 2,143,244; Jan. 10.

Kirkman, Peter J., Ottawa, Ill., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sheet edging machine. 2,175,296; Oct. 10.
Kirkman, Thomas W., New York, N. Y. Motion picture camera. 2,148,076; Feb. 21.
Kirkpatrick, Arnold, Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Vinyl-type resins. 2,166,955; July 25.
Kirkpatrick, Frank C. (See Needham, Virgil, assignor.)
Kirkpatrick, Roe Q., Anderson, Ind. Sod cutter. 2,164,246; June 27.
Kirkpatrick, Warren W. (See Cousins, M. V., Bond, Kirkpatrick, Nowlin, and King.)
Kirkpatrick, Willis B., Scarsdale, N. Y. Tree band. 2,170,822; Aug. 29.
Kirksey, Amos H., Los Angeles, Calif. Trailer dumping apparatus. 2,166,722; July 18.
Kirkwood, Hugh F., Bucksport, Maine. Cigarette maker. 2,182,698; Dec. 5.
Kirkwood, Loren R. (See Holst, P. F. G., and Kirkwood.)
Kirkwood, Loren R. (See Reid, J. D., and Kirkwood.)
Kirkwood, Loren R., Collingswood, N. J., assignor to Radio Corporation of America. Overload control circuit. 2,149,700; Mar. 7.
Kirkwood, Loren R., Collingswood, N. J., assignor to Radio Corporation of America. Automatic frequency control circuits. 2,173,907; Sept. 26.
Kirlin, Ivan M., Detroit, Mich. Fender. 2,179,125; Nov. 7.
Kirsch Company. (See Grassby, George A., Jr., assignor.)
Kirsch, Sidonie H., New York, N. Y. Brush. 2,146,075; Feb. 7.
Kirschbraun, Lester, assignor to The Patent and Licensing Corporation, New York, N. Y. Building unit and manufacture thereof. 2,156,566; May 2.
Kirschbraun, Lester, assignor to The Patent and Licensing Corporation, New York, N. Y. Shingle. 2,164,712; July 4.
Kirschbraun, Lester, assignor to The Patent and Licensing Corporation, New York, N. Y. Shingle. 2,168,217; Aug. 1.
Kirschbraun, Lester, assignor to The Patent and Licensing Corporation, New York, N. Y. Mastic shingle. 2,168,218; Aug. 1.
Kirst, William E. (See Carter, F. E., Handforth, and Kirst.)
Kirst, William E. (See Johnson, C. R., and Kirst.)
Kirst, William E., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of ammonium nitrate explosives. 2,145,397; Jan. 31.
Kirste, George, Los Angeles, Calif. Reinforcement means for bookbinders' boards. 2,175,400; Oct. 10.
Kirsten Lighting Corporation. (See Lubcke, Charles M., assignor.)
Kirtley, Hazel, Bend, Oreg. Skirt blocker. 2,148,626; Feb. 28.
Kirton, Thomas A., assignor of one-tenth to B. R. Daley, Jacksonville, Fla. Tabulating apparatus. 2,143,735; Jan. 10.
Kise, William K., Kansas City, Mo. Electric coffee maker. 2,176,081; Oct. 17.
Kise, William K., Kansas City, Mo. Electric coffee maker. 2,176,082; Oct. 17.
Kiser, Fred M., Los Angeles, Calif. Solar heater. 2,167,576; July 25.
Kish, Arnold C., Erie, Pa. Race track. 2,146,631; Feb. 7.
Kish, Charles. (See Peremi, E., and Kish.)
Kishline, Floyd F., Detroit, Mich., assignor to Graham-Paige Motors Corporation. Lubrication system for superchargers. 2,148,821; Feb. 28.
Kishline, Floyd F., Detroit, Mich., assignor to Graham-Paige Motors Corporation. Supercharger for internal combustion motors. 2,157,761; May 9.
Kishline, Floyd F., Birmingham, assignor to Graham-Paige Motors Corporation, Detroit, Mich. Lubrication system for internal combustion engines. 2,177,724; Oct. 31.
Kishline, Floyd F., Birmingham, assignor to Graham-Paige Motors Corporation, Detroit, Mich. Internal combustion engine. 2,182,990; Dec. 12.
Kishline, Floyd F., Birmingham, and G. L. Reynolds, Detroit, Mich. Oil cooler and filter. 2,159,558; May 23.
Kislevitz, Samuel. (See Freedman, A., and Kislevitz.)
Kislevitz, Samuel, New York, N. Y. Display device. 2,171,656; Sept. 5.
Kislingbury, Fredray H., assignor to E. E. Dopyera, Los Angeles, Calif. Musical instrument. 2,171,430; Aug. 29.
Kispert, Joseph J., Hamden, Conn. Corset. 2,182,848; Dec. 12.
Kiss, James, Bethlehem, Pa. Coin feeding apparatus. 2,170,288; Aug. 22.
Kiss, Joseph. (See Sabo, L., and Kiss.)
Kiss, Wilhelm, Aszod, Hungary. Combined hot-water and steam generating device. 2,153,717; Apr. 11.
Kissel, B. M. (See Kissel, William L., assignor.)
Kissel, Blanche M. (See Palmer, Herman, assignor.)
Kissel Industries. (See Kissel, William L., assignor.)
Kissel Industries. (See Palmer, Herman, assignor.)
Kissel, Michael S., Pittsburgh, Pa. Shoetree. 2,168,034; Aug. 1.
Kissel, William L., assignor to B. M. Kissel, doing business as Kissel Industries, Hartford, Wis. Outboard motor. 2,153,626; Apr. 11.
Kissinger, William, Kiel, Wis. Combined beer cooling and dispensing apparatus. 2,169,153; Aug. 8.
Kistler, Samuel S., West Boylston, assignor to Norton Company, Worcester, Mass. Manufacturing abrasive articles. Re. 21,252; Oct. 31.
Kistler, Samuel S., West Boylston, assignor to Norton Company, Worcester, Mass. Abrasive article and manufacture. 2,150,121; Mar. 7.
Kistler, Samuel S., West Boylston, assignor to Norton Company, Worcester, Mass. Abrasive article. 2,177,940; Oct. 31.
Kistner, Herman H., Baltimore, Md. Leakless spigot valve. 2,147,845; Feb. 21.
Kistner, Merrill M., assignor to C. E. Stenning, Chicago, Ill. Nonrefillable bottle. 2,148,476; Feb. 28.
Kistner, Merrill M., Indianapolis, Ind., assignor to C. E. Stenning, Chicago, Ill. Unitary bottle closure. 2,148,864; Feb. 28.
Kitahara, Goro. (See Igarashi, I., and Kitahara.)
Kitcat, Alfred J., Limpsfield, assignor to Flexiback Machinery Company, Limited, Battersee, London, England. Severing device for use in bookbinding and other operations. 2,168,035; Aug. 1.
Kitchen, Harry E., assignor to Farrel-Birmingham Company, Inc., Buffalo, N. Y. Gear generator. 2,170,608; Aug. 22.
Kite, Floyd E., Los Angeles, Calif. Patch vulcanizing apparatus. 2,158,703; May 16.
Kite, Floyd E., and L. B. Broering, Los Angeles County, Calif., assignors, by mesne assignments, to Tru-Tred, Inc. Tire retreading apparatus. 2,152,765; Apr. 4.
Kitroser, Isaac, Viroflay, assignor to Société Bronzavia, Paris, France. Navigation apparatus for aircraft. 2,153,718; Apr. 11.
Kitselman, Alva L., II, Palo Alto, Calif. Dining table receptacle. 2,179,188; Nov. 7.
Kittle Manufacturing Co. (See Frey, Elmer E., assignor.)
Kittler, Antonin, Prague, Czechoslovakia. Cylinder lock. 2,142,610; Jan. 3.
Kitto, William C., Monessen, assignor to Pittsburgh Steel Company, Pittsburgh, Pa. Slag laddle. 2,149,891; Mar. 7.
Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,143,018; Jan. 10.
Kitto, William H., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,159,701; May 23.
Kitto, William H., Canton, assignor to The Hoover Company, North Canton, Ohio. Electric connector and assembly. 2,177,989; Oct. 31.
Kittredge, Arthur E., Audubon, N. J., and V. A. Rohlin, Glenside, assignors to Cochrane Corporation, Philadelphia, Pa. Intermittent air actuated acid feeder. 2,155,943; Apr. 25.
Kittredge, Francis J. (See Keane, J. A., Kittredge, and Burns.)
Kittredge, John W., New York, N. Y. Speed reducer. 2,168,164; Aug. 1.
Kitzeman, George G., Chicago, Ill. Basting device for cooking meats, vegetables, and the like. 2,164,072; June 27.
Kitzmeyer, Edmund L., Bloomfield, N. J. Propagation of culture yeast. 2,150,329; Mar. 14.
Kivley, Ray C., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Material handling apparatus. 2,182,966; Dec. 12.
Kivley, Ray C., Oak Park, and G. Stuhlfauth, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Forming tool. 2,172,351; Sept. 12.
Kiwi, Walter, Philadelphia, Pa. Die set. 2,151,119; Mar. 21.
Kjekstad, Johannes, Brooklyn, N. Y. Welded construction. 2,142,945; Jan. 3.
Kjell, Simon F., Racine, Wis. Lithographer's press. 2,178,259; Oct. 31.
Kjellberg Elektroden & Maschinen G. m. b. H. (See Müller, Ludwig, assignor.)
Kjellgren, Bengt R. F., and C. B. Sawyer, Cleveland Heights, assignors to The Brush Beryllium Company, Cleveland, Ohio. Production of alloys containing beryllium. 2,176,906; Oct. 24.
Kjellsson, Gustav, Brooklyn, N. Y. Nasal passage filter. 2,162,583; June 13.
Kjolseth, Ole K., Erie, Pa., assignor to General Electric Company. Center plate cushioning device. 2,151,603; Mar. 21.
Kjolseth, Ole K., Erie, Pa., assignor to General Electric Company. Locomotive boiler supporting arrangement. 2,180,149; Nov. 14.
Kjos, Alfred J., Baker, Oreg. Draft pole. 2,179,189; Nov. 7.
Kjos, Hans A., Minneapolis, Minn. Centrifugal atomizer. 2,157,416; May 9.
Klaff, Isaac, assignor to L. Klaff, Norfolk, Va. Sandal. 2,173,969; Sept. 26.
Klaff, Louis. (See Klaff, Isaac, assignor.)

Klafstad, Erling, Melrose, and G. L. Gundersen, Wollaston, assignors to Crosby Steam Gage & Valve Company, Boston, Mass. Relief valve. 2,183,650; Dec. 19.
Klages, Frank E. P., Park Ridge, assignor to The Powers Regulator Company, Chicago, Ill. Apparatus for regulating moisture content of materials. 2,142,789; Jan. 3.
Klahn, Emil, deceased, New Vernon, N. J.; J. M. Percival, administratrix. Thermostatic device. 2,149,892; Mar. 7.
Klamp, Paul, assignor to The Timken Roller Bearing Company, Canton, Ohio. Double row roller bearing. 2,142,946; Jan. 3.
Klamp, Paul, and A. L. Bergstrom, assignors to The Timken Roller Bearing Company, Canton, Ohio. Peripheral machining apparatus. 2,170,501; Aug. 22.
Klangfilm G. m. b. H. (See Schwarz, Karl, assignor.)
Klangfilm G. m. b. H. (See Warncke, Hans, assignor.)
Klangfilm Gesellschaft mit beschrankter Haftung. (See Wohlrab, Hans C., assignor.)
Klann, Douglas C., Glendale, Calif. Damper and throat form. 2,174,888; Oct. 3.
Klanner, Rudolf. (See von Radiis, G. R., Patzl, Kuschel, Klanner, and Zabransky.)
Klaproth, Gustav. (See Krzikalla, H., Ufer, Eistert, and Klaproth.)
Klarer, Josef. (See Behnisch, R., Klarer, and Mietzsch.)
Klarer, Josef. (See Mietzsch, F., and Klarer.)
Klasing, Augustus F., St. Petersburg, Fla. Power applying unit. 2,145,767; Jan. 31.
Klass, Albert, Brooklyn, N. Y., assignor to Lloyd Manufacturing Corp. Bag construction. 2,152,745; Apr. 4.
Klatt, Rudolph A., Tonawanda, assignor to Auto-Wheel Coaster Company, Inc., North Tonawanda, N. Y. Juvenile car. 2,173,520; Sept. 19.
Klattie, Ernest C., assignor to The Louis G. Freeman Company, Cincinnati, Ohio. Ornamenting machine. 2,184,165; Dec. 19.
Klatzow, Leonard, Bayswater, London, assignor to Electric & Musical Industries, Limited, Hayes, Middlesex, England. Cathode ray tube. 2,178,233; Oct. 31.
Klau, David W., New York, N. Y. Shelf edging and the like. 2,143,075; Jan. 10.
Klauder, Kathryn L., Palmyra, N. J. Garment. 2,179,335; Nov. 7.
Klauer, W. H. (See Gunter, Edward R., assignor.)
Klauer, Walter E., Dubuque, Iowa. Snow removing mechanism. 2,144,311; Jan. 17.
Klauer, Walter E., Dubuque, Iowa. Mounting for snow removing mechanism. 2,144,312; Jan. 17.
Klauer, Walter E., Dubuque, Iowa. Lifting device for snow removing mechanism. 2,144,313; Jan. 17.
Klauer, Walter E., Dubuque, Iowa. Device for equalizing the vertical movement of snow removing mechanism. 2,144,314; Jan. 17.
Klauer, Walter E., Dubuque, Iowa. Thrust bar for snow removing mechanism. 2,144,315; Jan. 17.
Klauer, Walter E., Dubuque, Iowa. Conveying device for snow removing mechanism. 2,144,316; Jan. 17.
Klauer, Walter E., Dubuque, Iowa. End mounting for conveying devices for snow removing mechanism. 2,144,317; Jan. 17.
Klavik Miloš, Koprivnice, Czechoslovakia. Streamline body for motor vehicles with air-cooled rear engines. 2,171,091; Aug. 29.
Klavik Miloš, Koprivnice, Czechoslovakia. Streamline body for motor vehicles with air-cooled rear engines. 2,171,092; Aug. 29.
Klavik, Milos, Koprivnice, Czechoslovakia. Rear-engine motor vehicle. 2,175,527; Oct. 10.
Klavik, Milos, Prague, Czechoslovakia. Rear part of automobiles with rear engines. 2,175,528; Oct. 10.
Klavik, Milos, Prague, Czechoslovakia. Supplying cooling air to the engines of automobiles. 2,175,529; Oct. 10.
Klawun, Willi. (See Strache, A., and Klawun.)
Klayman, Benjamin B., Detroit, Mich. Folding weighing device. 2,147,201; Feb. 14.
Kleaver, Estelle B. (See Bettis, William I., assignor.)
Kleb, George A., St. Louis, Mo. Ventilating sash lock. 2,143,272; Jan. 10.
Kleen, Werner. (See Rothe, H., and Kleen.)
Kleentainers (British & Overseas) Ltd. (See Butler, William J., assignor.)
Kleerup, Bertel J. (See Evans, H. G., and Kleerup.)
Kleerup, Bertel J., Chicago, Ill. Stereopticon slide and producing same. 2,164,655; July 4.
Kleerup, Bertel J., Chicago, Ill., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Image projection device. 2,159,616; May 23.
Kleiber, Ernst, Lugano, via Trevano, assignor to Hevapar S. A., Geneva, Switzerland. Obtainment of artificial rubber. 2,150,068; Mar. 7.
Kleiber, Ernst, Lugano via Trevano, assignor to Hevapar S. A., Geneva, Switzerland. Obtainment of artificial rubber. 2,154,852; Apr. 18.
Kleid, Peter, San Francisco, Calif. Bottle closure. 2,156,654; May 2.
Klein, Abraham. (See Esterow, L., and Klein.)
Klein, Abraham A., assignor to Norton Company, Worcester, Mass. Treating silicon carbide grains. 2,183,044; Dec. 12.
Klein, Arthur H., Milwaukee, Wis. Chimney connector. 2,159,539; May 23.

Klein, August K. (See Maloney, Henry F., assignor.)
Klein, Benjamin, New York, N. Y. Slide fastener. 2,175,198; Oct. 10.
Klein, Bernard, and B. A. Heimbinder, New York, N. Y. Loose-leaf record book. 2,177,071; Oct. 24.
Klein, Carl R., Santa Monica, Calif. Fishing reel. 2,168,938; Aug. 8.
Klein, Clarence J., Steubenville, Ohio. Coil-handling apparatus. 2,156,695; May 2.
Klein, Clarence J., Steubenville, Ohio. Strip guide for rolling mills. 2,165,104; July 4.
Klein, Clarence J., Steubenville, Ohio. Rolling mill system. 2,172,616; Sept. 12.
Klein, David X. (See Lee, H. R., and Klein.)
Klein, David X., Silverside Heights, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkyl sulphone dyestuffs of the anthraquinone series. 2,176,630; Oct. 17.
Klein, David X., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Anthraquinone acid wool dyestuff. 2,179,217; Nov. 7.
Klein, Felix. (See Frank, L., and Klein.)
Klein, Frank W., St. Paul, Minn. Portable air conditioning and purifying device. 2,144,426; Jan. 17.
Klein, Gerald. (See Fischel, E., and Klein.)
Klein, Gerald, Berlin-Lichterfelde, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Telephone set for communication in airplanes. 2,182,727; Dec. 5.
Klein, Hans, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of olefines from gaseous hydrocarbons. 2,143,014; Jan. 10.
Klein, Hans, Mannheim, F. Haubach, Ludwigshafen-on-the-Rhine, and W. Hofeditz, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of olefines. 2,143,380; Jan. 10.
Klein, Hans, Mannheim, F. Haubach, Ludwigshafen-on-the-Rhine, and W. Hofeditz, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of olefins from gaseous or vaporous saturated hydrocarbons. 2,174,288; Sept. 26.
Klein, Harold E. (See Dobrovolny, F. J., Youel, and Klein.)
Klein, Harry H., New York, N. Y. Hair curler. 2,145,693; Jan. 31.
Klein, Henry, and E. Kaplan, Baltimore, Md. Dentifrice. 2,154,168; Apr. 11.
Klein, Hermann. (See Binder, R., and Klein.)
Klein, Hermann, Stuttgart-Feuerbach, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Starting apparatus for internal combustion engines. 2,146,746; Feb. 14.
Klein, Louis M., New York, N. Y., assignor to American Pouch Corporation. Cellophane tobacco pouch. 2,161,474; June 6.
Klein, Mathias, & Sons. (See Wilson, Harry B., assignor.)
Klein, Maximilian, and B. Willach, assignors to United States Gauge Company, Sellersville, Pa. Pressure responsive rheostat. 2,152,262; Mar. 28.
Klein, Maximilian, Sellersville, and E. H. Grauel, Perkasie, assignors to United States Gauge Company, Sellersville, Pa. Nonremovable chart holder. 2,155,603; Apr. 25.
Klein, Maximilian, and B. Willach, assignors to United States Gauge Company, Sellersville, Pa. Combined indicator and electrical circuit controller. 2,159,702; May 23.
Klein, Maximilian, and R. A. Tollefsen, assignors to United States Gauge Company, Sellersville, Pa. Gauge. 2,176,263; Oct. 17.
Klein, Maximilian, and B. Willach, assignors to United States Gauge Company, Sellersville, Pa. Magnetic compass. 2,177,218; Oct. 24.
Klein, Paul, Berlin, and K. Wulsten, Berlin-Charlottenburg, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,162,534; June 13.
Klein, Robert L., Cincinnati, Ohio. Color correction of photo-mechanical images. 2,179,014; Nov. 7.
Klein, Sam, Brooklyn, N. Y. Process and apparatus for treating felts and the like. 2,148,697; Feb. 28.
Klein, Samuel, Newark, N. J. Double salt of calcium ascorbate and calcium acetylsalicylate and making same. 2,159,214; May 23.
Klein, Samuel, assignor to National Road Joint Manufacturing Company, Chicago, Ill. Joint construction for concrete roads. 2,149,396; Mar. 7.
Klein, Samuel, assignor to National Road Joint Manufacturing Company, Chicago, Ill. Slab joint. 2,181,623; Nov. 28.
Klein, Victor G. (See Holmes, F., and Klein.)
Klein, Willy. (See Augustin, E., Fügmann, Klein, Schliemann, and Herrmann.)
Kleine, Arnold, Flushing, assignor to American Cystoscope Makers, Inc., New York, N. Y. Catheter stylet. 2,164,926; July 4.
Kleine, Johannes, Dessau, and W. Brennecke, Dormagen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of felt. 2,156,455; May 2.

Kleine, Johannes, Dessau, and G. Wilmanns, Wolfen, Kreis Bitterfeld, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Production of black-and-white photographic pictures. 2,181,944; Dec. 5.
Kleine, Otto A., Chicago, Ill. Eyeshade lens and mounting therefor. 2,146,544; Feb. 7.
Kleineberg, Paul E., P. Schweizer, and A. W. Wilks, Easton, Pa., assignors to T. W. & C. B. Sheridan Company, New York, N. Y. Sheet or signature feeding and gathering. 2,163,732; June 27.
Kleiner, Adolph W., Worcester, Mass. Boring bar holder. 2,170,246; Aug. 22.
Kleinert, I. B., Rubber Company. (See Eisenberg, Le Roy, assignor.)
Kleinert, I. B., Rubber Company. (See Guinzburg, Roland H., assignor.)
Kleinert, I. B., Rubber Company. (See Salinger, Arthur, assignor.)
Kleinert, Margaret E., South Bend, Ind. Jar cap or closure. 2,153,807; Apr. 11.
Kleineschay, Henry J., Fond du Lac, Wic. Apparatus for repairing and correcting levels. 2,154,625; Apr. 18.
Kleinman, Jacob L., New York, N. Y. Racket. 2,178,588; Nov. 7.
Kleinschmidt, Edward E., Highland Park, assignor to Teletype Corporation, Chicago, Ill. Facsimile telegraph transmitter with case shift. 2,176,740; Oct. 17.
Kleinschmidt, Edward E., Highland Park, and D. S. Hulfish, assignors to Teletype Corporation, Chicago, Ill. Automatic switching system and apparatus. 2,153,574; Apr. 11.
Kleinschmidt, Edward E. and E. F. Highland Park, assignors to Teletype Corporation, Chicago, Ill. Facsimile printing telegraph system and apparatus. 2,154,512; Apr. 18.
Kleinschmidt, Edward F. (See Kleinschmidt, Edward E. and E. F.)
Kleinschmidt, Edward F., Highland Park, assignor to Teletype Corporation, Chicago, Ill. Facsimile printing telegraph receiver. 2,145,264; Jan. 31.
Kleinschmidt, Hans E., Berlin, Germany. Machine for marking leather and the like. 2,163,494; June 20.
Kleinschmidt, Robert V., Stoneham, Mass., assignor to Arthur D. Little, Inc. Packing material for fractionating and scrubbing towers. 2,143,015; Jan. 10.
Kleinschmidt, Robert V., Stoneham, Mass., assignor to Arthur D. Little, Inc. Fibrous material for fluid contacts. 2,143,016; Jan. 10.
Kleisly, Everett. (See Hampe, C., and Kleisly.)
Kleist, Dale. (See Atkinson, F. W., Kleist, Slayter, Thomas, and Lannan.)
Kleist, Herman W., assignor to Dole Refrigerating Company, Chicago, Ill. Cooling apparatus. 2,166,161; July 18.
Klemgard, Edwin N., and V. L. Ricketts, Martinez, assignors to Shell Development Company, San Francisco, Calif. Extreme pressure lubricant. 2,168,262; Aug. 1.
Klemm, Emil R., Jr., assignor to K. D. S. Corporation, Chicago, Ill. Container closure. 2,163,042; June 20.
Klemm, Hanns, Boblingen, Germany, assignor to W. R. Davis, New York, N. Y. Method and apparatus for construction of aircraft and the like. 2,168,280; Aug. 1.
Klemm, Herman G., assignor to The Glenn L. Martin Company, Baltimore, Md. Mounting. 2,167,577; July 25.
Klemm, Rudolf, assignor to Gabruder Brehmer Machinenfabrik, Leipzig-Plagwitz, Germany. Paper sheet feeding mechanism. 2,181,241; Nov. 28.
Klemperer, Hans, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High voltage ignition. 2,144,496; Jan. 17.
Klemperer, Hans, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric converter. 2,162,484; June 13.
Klemperer, Hans, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ignition starter circuits. 2,182,633; Dec. 5.
Klemperer, Otto. (See Kallmann, H. E., and Klemperer.)
Klemperer, Otto, Iver, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Cathode ray tube. 2,173,257; Sept. 19.
Klemt, Charlie, San Antonio, Tex. Parking meter. 2,161,518; June 6.
Klermund, Henry G., assignor of one-fourth to A. E. Norling and one-fourth to W. S. Dawson, Oberlin, and one-fourth to D. D. Grissinger, Wellington, Ohio. Cylinder head puller. 2,159,593; May 23.
Kletsch, Paul, assignor to Briggs Manufacturing Company, Detroit, Mich. Internal combustion engine. 2,152,594; Mar. 28.
Kletz, Joseph P., Chicago, Ill. Spark plug. 2,180,242; Nov. 14.
Klever, William E., Washington Court House, Ohio. Casket bier. 2,150,582; Mar. 14.
Kleynen, Petrus H. J. A. (See Burgers, W. G., Bruining, and Kleynen.)
Klie. Frank H., Paris, Ill. Picture mount. 2,147,043; Feb. 14.
Kliefoth, Max H., Madison, Wis., assignor, by mesne assignments, to The Sherwin-Williams Company, Cleveland, Ohio. Pigment. 2,174,920; Oct. 3.
Kliemann, Erich, Berlin, Germany, assignor to General Electric Company. Turbine rotor. 2,157,827; May 9.
Kliesrath, Victor W. (See Brace, K. P., and Kliesrath.)
Kliesrath, Victor W. (See Sanford, R. S., and Kliesrath.)
Kliesrath, Victor W., South Bend, Ind., assignor to The Steel Wheel Corporation, Chicago, Ill. Hydraulic power unit. 2,143,918; Jan. 17.
Kliesrath, Victor W., South Bend, Ind., assignor, by mesne assignments, to International Engineering Corporation, Chicago, Ill. Wheel. 2,143,950; Jan. 17.
Kliesrath, Victor W., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Clutch control. 2,144,022; Jan. 17.
Kliesrath, Victor W., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Clutch control mechanism. 2,148,271; Feb. 21.
Kliesrath, Victor W., South Bend, Ind., assignor to Bragg Kliesrath Corporation, Long Island City, N. Y. Clutch operating mechanism. 2,152,059; Mar. 28.
Kliesrath, Victor W., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Control mechanism for motor vehicles. 2,152,060; Mar. 28.
Kliesrath, Victor W., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Clutch control. 2,152,061; Mar. 28.
Kliesrath, Victor W., assignor to Bendix Products Corporation, South Bend, Ind. Servomotor and control for transmissions. 2,156,118; Apr. 25.
Kliesrath, Victor W., South Bend, Ind., assignor, by mesne assignments, to International Engineering Corporation, Chicago, Ill. Automobile. 2,160,271; May 30.
Kliesrath, Victor W., assignor to Bendix Aviation Corporation, South Bend, Ind. Gear shifting mechanism. 2,163,883; June 27.
Kliesrath, Victor W., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control. 2,170,905; Aug. 29.
Kliesrath, Victor W., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control. 2,173,116; Sept. 19.
Kliesrath, Victor W., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch mechanism. 2,177,491; Oct. 24.
Kliesrath, Victor W., South Bend, Ind., assignor, by mesne assignors, to International Engineering Corporation, Chicago, Ill. Vehicle. 2,180,592; Nov. 21.
Kliesrath, Victor W., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,181,732; Nov. 28.
Kliesrath, Victor W., and R. P. Breese, assignors to Bendix Aviation Corporation, South Bend, Ind. Gear-shifting mechanism. 2,177,662; Oct. 31.
Kliewer, E. A., et al. (See Wettermark, Carl A., assignor.)
Kliewer, Edward A., Longview, assignor of one-half to R. W. Fair, Tyler, Tex. Scraper for oil well tubing. 2,149,810; Mar. 7.
Kligman, Aaron R. (See Goldberg, D. D., and Kligman.)
Klima, Rudolf, Salzburg, and P. Pellischek, Vienna, Austria. Adaptable rail trolley. 2,171,093; Aug. 29.
Klima, William W., Stewart, Minn. Darning device. 2,157,791; May 9.
Klimis, Paul, New York, N. Y. Control device for heating systems. 2,165,488; July 11.
Klinckmann, Arthur, Lombard, assignor to Eureka X-ray Tube Corporation, Chicago, Ill. X-ray tube. 2,146,900; Feb. 14.
Kline, Bernard L., Manhasset, N. Y., and R. D. Parrott, West New York, and G. L. Erickson, Hasbrouck Heights, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Recording signals electrically. 2,181,533; Nov. 28.
Kline, Emil, Buffalo, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic structure and preparing the same. 2,157,544; May 9.
Kline, Harry, Plainfield, N. J., assignor to Bakelite Corporation, New York, N. Y. Varnish. 2,151,975; Mar. 28.
Kline, Hayden B., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Film processing apparatus. 2,153,376; Apr. 4.
Kline, Hayden B., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Rayon spinning apparatus. 2,156,296; May 2.
Kline, Hayden B., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Process of and apparatus for drying thread or the like. 2,162,727; June 20.
Kline, Hayden B., and E. B. Helm, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Manufacture of artificial silk. 2,143,883; Jan. 17.
Kline, Hayden B., W. F. Knebusch, and A. H. Burkholder, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Manufacture of thread or the like. 2,143,884; Jan. 17.
Kline, Hayden B., W. F. Knebusch, and A. H. Burkholder, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Manufacture of thread or the like. 2,144,629; Jan. 24.
Kline, Hayden B., W. F. Knebusch, and A. H. Burkholder, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Apparatus for the manufacture of thread or the like. 2,146,747; Feb. 14.
Kline, Hayden B., W. F. Knebusch, and A. H. Burkholder, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Manufacture of thread or the like. 2,150,928; Mar. 21.

Kline, Hayden B., and A. H. Burkholder, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Apparatus for handling thread or the like. 2,178,104; Oct. 31.
Kline, John E. G., Grosse Pointe Farms, Mich., assignor to The Carborundum Company, Niagara Falls, N. Y. Honing machine. 2,171,799; Sept. 5.
Kline, Lawrence J. (See Milz, H. E., and Kline.)
Kline, Le Roy G. (See Murch, W. M., and Kline.)
Kline, Oliver, et al. (See Palmer, Frank D., assignor.)
Kline, Oliver P., et al. (See Palmer, Frank D., assignor.)
Kline, R. E. (See Brumbly, Joseph O., assignor.)
Kline, Walter, Wellington, Ohio, assignor of one-half to E. H. Morrison. Container. 2,171,934; Sept. 5.
Kline, William, Roanoke, Va. Inking device for printing presses. 2,143,885; Jan. 17.
Kline, William, Roanoke, Va. Inking device for printing presses. 2,143,886; Jan. 17.
Kling, August J., Schenectady, N. Y., assignor to General Electric Company. Photoelectric tube. 2,160,593; May 30.
Kling, Fred E., Youngstown, Ohio, and H. F. Shaw, McKeesport, Pa. Connecting rod. 2,159,165; May 23.
Kling, Walter, and E. Götte, assignors to H. Th. Böhme Aktiengesellschaft, Chemnitz, Germany. Emulsions and making the same. 2,143,986; Jan. 17.
Klingel, Harry, and W. C. MacLennan, Rensselaer, assignors to Winthrop Chemical Company, Inc., New York, N. Y. p-Aminobenzene-sulphonamide maltoside and preparing the same. 2,167,719; Aug. 1.
Klingelhoefer, William C., Jr., Syracuse, assignor to The Solvay Process Company, New York, N. Y. Catalytic oxidation of nitrosyl chloride and nitric oxide. 2,159,528; May 23.
Klingelnberg, W. Ferd, Söhne. (See Schicht, Heinrich, assignor.)
Klinger, Harry W., assignor to Hercules Powder Company, Wilmington, Del. Laminated cloth. 2,170,416; Aug. 22.
Klinger, John H., Indianapolis, Ind. Dishwashing machine. 2,156,949; May 2.
Klingler, Francis, Riverside, N. J., assignor to Super Speed Press Corporation, New York, N. Y. Mechanism for feeding sheet material and the like. 2,170,289; Aug. 22.
Klingon, Louis E., Brooklyn, N. Y. Electric panel. 2,145,447; Jan. 31.
Klingsporn, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Arrangement for light intensity control. 2,152,807; Apr. 4.
Klinkenstein, Gustave, Maplewood, assignor to Maas & Waldstein Company, Newark, N. J. Laminated fabric. 2,171,505; Aug. 29.
Klinkenstein, Gustave, Maplewood, assignor to Maas & Waldstein Company, Newark, N. J. Laminated fabric. 2,171,506; Aug. 29.
Klinker, Louis G. (See Drapeau, J. E., Jr., and Klinker.)
Klipstein, Kenneth H., Short Hills, assignor to Calco Chemical Co., Inc., Bound Brook, N. J. Lubricating composition. 2,161,678; June 6.
Klipstein, Kenneth H., New Vernon, N. J., assignor, by mesne assignments, to American Cyanamid Company, New York, N. Y. Coloring fruit. 2,184,237; Dec. 19.
Klitsch, Paul J., Pottsville, Pa. Ice creeper. 2,162,175; June 13.
Klock, Ernest L., La Romana, Dominican Republic, West Indies. Sugarcane harvester. 2,172,795; Sept. 12.
Klocke, William, Woodhaven, N. Y. Friction plate. 2,144,223; Jan. 17.
Klocke, William, Woodhaven, N. Y. Press. 2,161,869; June 13.
Klocke, William, Woodhaven, N. Y. Extrusion process and apparatus. 2,167,845; Aug. 1.
Klod, John A., Chicago, Ill. Cutter and blade therefor. 2,173,366; Sept. 19.
Kloid, Henry W., and O. F. Schulz, assignors to Schulz Brothers Company, Chicago, Ill. Printing telegraph system. 2,165,971; July 11.
Klomp, Alfred W., Detroit, Mich. Universal gear cutter. 2,161,897; June 13.
Klomp, Alfred W., Detroit, Mich., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Lapping the curved surface of gears and the like. 2,165,386; July 11.
Klomp, Johan W., Boldesti, Rumania, assignor to Shell Development Company, San Francisco, Calif. Apparatus for cementing wells. 2,164,190; June 27.
Klönne, Aug. (See Einbeck, Friedrich, assignor.)
Klonne, Aug. (See Einbeck, F., and Korbmacher, assignors.)
Klönne, Aug. (See Pechstein, Walter, assignor.)
Klonowski, Walter F. (See Sleeseman, Robert, assignor.)
Klopp, Friedrich. (See Wegerdt, Fritz, assignor.)
Klopp, Karl, Arlington Heights, assignor to M. Klopp, Chicago, Ill. Device for color photography. 2,151,429; Mar. 21.
Klopp, Marie. (See Klopp, Karl, assignor.)
Kloppman, Paul, Detroit, Mich., assignor to No-Sag Spring Company. Cushion construction. 2,149,350; Mar. 7.
Klopsteg, Paul E., Chicago, Ill., assignor to Central Scientific Company. Impulse counter and stop watch timer. 2,177,367; Oct. 24.
Klopsteg, Paul E., Chicago, Ill., assignor to Central Scientific Company. Spark timer. 2,177,368; Oct. 24.
Klosterman, Harry W., Portland, Oreg. Guard for primer valves. 2,157,545; May 9.
Klotsch, Paul, assignor to Briggs Manufacturing Company, Detroit, Mich. Land vehicle. 2,176,971; Oct. 24.
Klotz, Abraham I., New York, N. Y. Case. 2,179,126; Nov. 7.
Klotz, Ernst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Automatic volume control receiver. 2,159,803; May 23.
Klotz, Ernst, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany, Delayed automatic volume control circuit. 2,171,657; Sept. 5.
Klouman, Henning, assignor to Michiana Products Corporation, Michigan City, Ind. Roll for heat treating furnaces. 2,156,395; May 2.
Kloz, Gerhard, Leipzig, Germany. Supervision of the uniformity of galvanic baths. 2,167,304; July 25.
Kludt, Jonathan, Detroit, Mich., assignor to Lincoln Engineering Company, St. Louis, Mo. Lubricant fitting. 2,153,330; Apr. 4.
Kluge, Abel and E., assignors to Brandtjen & Kluge, Inc., St. Paul, Minn. Printing press. 2,152,698; Apr. 4.
Kluge, Eneval. (See Kluge, Abel and E.)
Kluge, Werner. (See Knoblauch, H., and Kluge.)
Kluger, Herman, White Plains, N. Y., assignor to Fulford Manufacturing Company.* Bag closing device. 2,142,764; Jan. 3.
Klugman, Julius, et al. (See Lewis, Howard B., assignor.)
Kluitmann, Leo, Dusseldorf, Germany. Offset rotary copying machine. 2,157,489; May 9.
Kluitmann, Leo, Dusseldorf, Germany. Method and machine for continuously reprinting. 2,175,665; Oct. 10.
Klumb, Clarence, Milwaukee, Wis. Cutting device for inserting album pictures. 2,152,063; Mar. 28.
Klute, Oscar, Rochester, N. Y. Feed finger for screw machines. 2,159,388; May 23.
Klute, Samuel, assignor to Malleable Steel Range Manufacturing Company, South Bend, Ind. Range base. 2,171,852; Sept. 5.
Klutke, Fritz, assignor to Allegemeine Elektricitatz Gesellschaft, Berlin, Germany. Automatic fading control circuit. 2,151,120; Mar. 21.
Klutke, Fritz, Berlin-Johannisthal, assignor to Allgemeine Elektricitats Gesellschaft Friedrich Karl, Berlin, Germany. Antistray arrangement for radio communication. 2,176,218; Oct. 17.
Klüx, Herbert, assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Mueller & Co., Dresden, Germany. Apparatus for supplying cut tobacco to cigarette machines. 2,149,056; Feb. 28.
Klyver, Albert N., assignor to The Lamson Company, Syracuse, N. Y. Conveyer mechanism. 2,154,853; Apr. 18.
Knab, Max, Brooklyn, N. Y., and H. I. Danziger, Williamstown, assignors to Sprague Specialties Company, North Adams, Mass. Electrolytic device. 2,178,936; Nov. 7.
Knabe, Richard. (See Burkhardt, A., and Knabe.)
Knaell, Kenneth K. (See Blau, H. H., and Knaell.)
Knaggs, Albert F. (See Evans, W., and Knaggs.)
Knapp, Alfred P., Sunnyside, assignor to The Andrews Lead Company, Inc., Long Island City, N. Y. Method and machine for making pipe. 2,157,988; May 9.
Knapp, Andrew S., assignor to Knapp-Monarch Company, St. Louis, Mo. Corn popper. 2,158,460; May 16.
Knapp, Archer L., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,146,826; Feb. 14.
Knapp, Clarence E., Boston, Mass. Cushion insole. 2,184,456; Dec. 26.
Knapp, Gordon W., New York, N. Y., assignor to American Seal-Kap Corporation of Delaware, Wilmington, Del. Package and closure therefor. 2,175,058; Oct. 3.
Knapp, Howard S., Denver, Colo., assignor to American Telephone and Telegraph Company. Mold. 2,153,087; Apr. 4.
Knapp, Joseph H., assignor of nine and eight-tenths per cent to H. E. Redmond, fourteen and seven-tenths per cent to J. F. Grimmer, and twenty-four and one-half per cent to T. C. Redmond, Utica, N. Y. Liquid heater and vaporizer. 2,151,854; Mar. 28.
Knapp, Leland G., Chicago, Ill. Washing machine. 2,156,992; May 2.
Knapp, Leo J., and H. C. Neitzel, Detroit, assignors to Whitehead & Kales Company, River Rouge, Mich. Grating. 2,169,649; Aug. 15.
Knapp-Monarch Company. (See Collins, Harry L., assignor.)
Knapp-Monarch Company. (See Gundelfinger, William E., assignor.)
Knapp-Monarch Company. (See Huffman, Russell I., assignor.)
Knapp-Monarch Company. (See Knapp, Andrew S., assignor.)
Knapp-Monarch Company. (See Kochner, William B., assignor.)
Knapp-Monarch Company. (See Newnham, Eugene, assignor.)
Knapp-Monarch Company. (See Smith, Howard A., assignor.)

Knapp-Monarch Company. (See Vea, Norman D., assignor.)
Knapp, Moses A., Los Angeles, Calif. Concrete building block. 2,181,814; Nov. 28.
Knapp, Robert T., Pasadena, assignor of thirty-three and one-third per cent to R. A. Riek and thirty-three and one-third per cent to F. O. Riek, Los Angeles, Calif. Rotary machine. 2,154,456; Apr. 18.
Knapp, Robert T., Pasadena, assignor of thirty-three and one third per cent to F. O. Riek, Los Angeles, Calif. Rotary machine. 2,154,457; Apr. 18.
Knapp, Robert T., Pasadena, assignor of thirty-three and one-third per cent to R. A. Riek and thirty-three and one-third per cent to F. O. Riek, Los Angeles, Calif. Adjustable displacement meter or pump. 2,154,458; Apr. 18.
Knapp, William, Hollis, N. Y. Lighting fixture hanger. 2,164,527; July 4.
Knapp, William, Hollis, N. Y. Adjustable electric lamp. 2,170,201; Aug. 22.
Knapp, William C., Columbia, Pa. Agitator. 2,145,768; Jan. 31.
Knapp, William E., Moline, Ill., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Adjustable plow hitch. 2,155,715; Apr. 25.
Knappe, Curt, Berlin-Haselhorst, and A. Siemens, Berlin-Grunewald, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Metal vapor rectifier. 2,154,274; Apr. 11.
Knauer, George E., Greencastle, Ind. Seed planter driving mechanism. 2,145,769; Jan. 31.
Knaur, Christian M., Williamsport, Pa. Carton for radio tubes. 2,152,549; Mar. 28.
Kneale, Robert D., et al. (See Havis, Edward H., assignor.)
Knebel, Oscar, Fairfield, assignor to Daniel J. Williams, Bridgeport, Conn. Making die units and component parts thereof. 2,163,229; June 20.
Knebusch, Walter F. (See Jordan, L. J., and Knebusch.)
Knebusch, Walter F. (See Kline, H. B., Knebusch, and Burkholder.)
Knebusch, Walter F., and A. H. Burkholder, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Manufacture of thread or the like. 2,146,748; Feb. 14.
Knebusch, Walter F., and A. H. Burkholder, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Manufacture of thread or the like. 2,162,728; June 20.
Knebusch, Walter F., Cleveland, and F. F. Hillix, Lakewood, assignors to Industrial Rayon Corporation, Cleveland, Ohio. Transfer mechanism. 2,173,847; Sept. 26.
Knick, Ulrich. (See Schubert, G., Knick, and Ruska.)
Kneip, Alex. (See Hofmann, C., and Kneip.)
Kneisley, Richard F., Toledo, Ohio. Stationary induction apparatus. 2,180,759; Nov. 21.
Kneisley, Richard F., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Automatic circuit selector. 2,157,417; May 9.
Kneisley, Richard F., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Combination electric fuse and circuit extension connector. 2,166,254; July 18.
Knell, John, Aurora, Ill., assignor to All-Steel-Equip Company, Incorporated. Electric locker control. 2,153,088; Apr. 4.
Knerr, Horace C., Philadelphia, Pa., and C. Farrow, Bainbridge Township, Geauga County, Ohio, assignors, by mesne assignments, to Sperry Products, Inc., Hoboken, N. J. Method and apparatus for testing metal articles for defects. Re. 21,003; Feb. 14.
Knettle, Le Roy J., Gloucester, N. J. Bolt rethreader. 2,166,957; July 25.
Knibloe, Ralph L., Sharon, Conn. Shape-retaining device for hats. 2,178,860; Nov. 7.
Knickerbocker Rubber Company. (See Holden, Orloff W., assignor.)
Kniepen, Peter, Finkenkrug, near Berlin, Germany, assignor to General Electric Co. Gettering. 2,175,695; Oct. 10.
Kniepkamp, Heinrich. (See Karl, O., and Kniepkamp.)
Kniesche, Edwin P., assignor to Schaper Scale Company, St. Louis, Mo. Check link construction. 2,144,845; Jan. 24.
Kniesche, Harry F., Baltimore, Md. Closing containers and the product thereof. 2,169,804; Aug. 15.
Kniesche, Harry F., Baltimore, Md. Bottle-sealing cap. 2,173,785; Sept. 19.
Kniesche, Harry F., Baltimore, Md. Making a bottle sealing cap. 2,180,243; Nov. 14.
Kniesner, William T. (See Eboli, John E., assignor.)
Knight, A. W. (See Brinker, E. L., and Gray, assignors.)
Knight, Albert B., Fairmont, W. Va. Cracking-off machine. 2,177,807; Oct. 31.
Knight, Allan W., Hobart, Tasmania, Australia. Foating bridge. 2,157,959; May 9.
Knight, Arthur, Providence, R. I., assignor to L. K. Stupell, New York, N. Y. Ornament. 2,152,435; Mar. 28.
Knight, Arthur H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Azo dyestuffs. 2,150,380; Mar. 14.
Knight, Arthur H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Monoazo dyestuffs. 2,153,627; Apr. 11.
Knight, Arthur H., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Azo dyestuffs. 2,161,627; June 6.
Knight, Arthur H., Blackley, England, assignor to Imperial Chemical Industries Limited. Manufacture of azo dyestuffs. 2,162,507; June 13.
Knight, Arthur H., and F. Lodge, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Monoazo dyestuffs. 2,155,493; Apr. 25.
Knight, Charlotte S., Merrick, N. Y., assignor of three-fourths to I. A. Campbell. Filter medium and forming the same. 2,146,749; Feb. 14.
Knight, Charlotte S., New York, N. Y., assignor of three-fourths to Z. F. Campbell. Filter. 2,147,792; Feb. 21.
Knight, Frank L., Twin Falls, Idaho, assignor to Sutton, Steele & Steele, Inc., Dallas, Tex. Pneumatic separator, cleaner, concentrating table, or the like. 2,163,342; June 20.
Knight, George C., Detroit, Mich. Cowl ventilator screen. 2,152,414; Mar. 28.
Knight, Henry D., Rugby, England, assignor to General Electric Company. Electrical discharge device and system. 2,175,900; Oct. 10.
Knight, Herbert M., Montclair, N. J. Airship. 2,147,654; Feb. 21.
Knight, Herman P., and T. B. Franklin, Kansas City, Mo. Conveyer. 2,164,713; July 4.
Knight, Ivan, Mayfield, Kans. Cutter bar attachment. 2,166,723; July 18.
Knight, James L., Erie, Pa., assignor to General Electric Company. Control and illuminating of refrigerator cabinets. 2,152,486; Mar. 28.
Knight, Jesse L., assignor of one-half to C. R. Stahl, Powellton, W. Va. Collapsible mine prop. 2,175,777; Oct. 10.
Knight, Julian G., Brooklyn, N. Y. Door buck support. 2,179,262; Nov. 7.
Knight Leather Products, Inc. (See Schwartz, Irving, assignor.)
Knight, Lewis A., Owings Mills, assignor to The Lasting Products Co., Baltimore, Md. Making artificial stone wall facings. Re. 20,985; Jan. 24.
Knight, Noble A. (See Loos, F. W., and Knight.)
Knight, Octavius. (See Todd, G., and Knight.)
Knight, Thomas G. (See McDonald, T. A., Jr and Knight.)
Knight, Walter S., Dravosburg, and S. Webb, Pittsburgh, Pa., assignors to National Tube Company. Nonrhythmic thread cutting die and producing nonsinuous threads. 2,174,467; Sept. 26.
Knight, William E., Jr., Howel, Ky. Tobacco cultivating implement. 2,180,150; Nov. 14.
Knight, William H., Jr., Shaker Heights, assignor to The Cleveland Gas Meter Company, Cleveland, Ohio. Gas meter. 2,165,387; July 11.
Knight, William M., Turin, Alberta, Canada. Coal stove door. 2,184,813; Dec. 26.
Knight, William W., Evanston, assignor to Roth Rubber Company, Cicero, Ill. Rubber curing apparatus. 2,166,597; July 18.
Knippelmeir, William, Minco, Okla. Animal trap. 2,146,019; Feb. 7.
Knipper, Charles P., Paterson, N. J. Heating system. 2,146,148; Feb. 7.
Kniskern, Walter H., Petersburg, Pa., and L. V. Rohner, Syracuse, assignors, by mesne assignments, to The Solvay Process Company, New York, N. Y. Adding nitrogen values to superphosphate. 2,149,966; Mar. 7.
Knitting Machines Corporation. (See Lieberknecht, Karl R., assignor.)
Knöbel, Franz, Jr., Wiedenbruck, Germany. Ball joint coupling for trailers of motor vehicles. 2,143,322; Jan. 10.
Knobel, Max, Arlington, Mass., assignor to Syntron Company, Homer City, Pa. Apparatus for producing reciprocatory or vibratory motion. 2,154,627; Apr. 18.
Knobel, Max, Arlington, assignor to Block-Jones Photo Co., Inc., Dorchester, Mass. Photo-printing apparatus. 2,158,903; May 16.
Knoblauch, Henning, and W. Kluge, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray image scanner with magnetic deflection of scanning ray. 2,178,374; Oct. 31.
Knoblock, Henry C. (See Jeffries, J. J., and Knoblock.)
Knoche, Henry W., St. Paul, Minn. Vapor bath cabinet. 2,156,993; May 2.
Knoedler, Elmer L., and A. L. Preston, Moorestown, N. J., assignor to Continental Distilling Corporation, Philadelphia, Pa. Labeling machine. 2,166,497; July 18.
Knoerzer, Arthur T., assignor to Champion Corporation, Hammond, Ind. Potato digger chain. 2,149,776; Mar. 7.
Knoerzer, Otto, assignor to Champion Corporation, Hammond, Ind. Shut-off valve. 2,151,296; Mar. 21.
Knoess, George D., New York, N. Y. Identification pull tab for slide fasteners. 2,145,118; Jan. 24.
Knoff, Curtis W., Coshocton, Ohio. Automatic motor stop. 2,177,024; Oct. 24.
Knoll, Harry E., assignor to The Dayton Manufacturing Company, Dayton, Ohio. Lock. 2,158,983; May 16.
Knoll, Max. (See Schröter, F., and Knoll.)
Knoll, Max. (See Schröter, F., Knoll, and Bartels.)
Knoll, Max, Berlin-Charlottenburg, Germany. Cathode ray oscillograph. 2,152,487; Mar. 28.

Knoll, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray tube. 2,147,372; Feb. 14.
Knoll, Max, and R. Urtel, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron optics. 2,151,777; Mar. 28.
Knoll, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron tube. 2,153,628; Apr. 11.
Knoll, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Arrangement for reflecting of cathode rays. 2,156,915; May 2.
Knoll, Max, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electrical lens. 2,172,735; Sept. 12.
Knoll, Max, B. Bartels, and O. Spengler, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray tube screen. 2,180,710; Nov. 21.
Knorpp Candy Company. (See Knorpp, Maxwell, assignor.)
Knorpp, Maxwell, assignor to Knorpp Candy Company, Brooklyn, N. Y. Package. 2,158,756; May 16.
Knös, Gunnar B., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electromagnetic relay. 2,154,338; Apr. 11.
Knos, Gunnar B., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Load connecting relay. 2,177,832; Oct. 31.
Knosher, Adolph. (See Stauffer, E. J., and Knosher.)
Knoth, Joseph V., Long Beach, Calif. Perforation cleaner. 2,143,196; Jan. 10.
Knott, Clyde L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lock stitch shoe sewing machine. 2,159,166; May 23.
Knott, Clyde L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,160,384; May 30.
Knott, Frank W., Detroit, Mich., assignor, by mesne assignments, to National Sanitary Butter Dispenser, Inc. Butter dispensing device. 2,153,255; Apr. 4.
Knotts, Warren L., Merchantville, N. J., and H. H. Beverage, Riverhead, N. Y., assignors to Radio Corporation of America. Radio relay system. 2,146,301; Feb. 7.
Knotz, Alois, Graz, Austria. Money plate. 2,164,528; July 4.
Knowland, Richard G., Pelham, N. Y., assignor to Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn. Floor covering such as carpets and rugs. 2,142,398 Jan. 3.
Knowland, Richard G., Pelham, N. Y., and J. N. Dow, Springfield, Mass., assignors to Bigelow-Sanford Carpet Co. Inc., Thompsonville, Conn. End binding for floor coverings. 2,142,729; Jan. 3.
Knowland, Thomas M., Belmont, assignor to Boston Woven Hose & Rubber Company, Cambridge, Mass. Vulcanizing machine. 2,143,627; Jan. 10.
Knowland, Thomas M., Belmont, assignor to Boston Woven Hose & Rubber Company, Cambridge, Mass. Vulcanizing machine. 2,182,317; Dec. 5.
Knowles, Dewey D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Combination starting electrode. 2,147,445; Feb. 14.
Knowles, Dewey D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Grid glow tube. 2,162,508; June 13.
Knowles, Edwin C. (See Clarke, L. A., and Knowles.)
Knowles, Edwin C. (See Hendrey, W. B., and Knowles.)
Knowles, Edwin C., Beacon, assignor to The Texas Company, New York, N. Y. Dewaxing wax-bearing mineral oil. 2,147,579; Feb. 14.
Knowles, Edwin C., Beacon, assignor to The Texas Company, New York, N. Y. Dewaxing mineral oil. 2,150,552; Mar. 14.
Knowles, Edwin C., Beacon, assignor to The Texas Company, New York, N. Y. Dewaxing with evaporative cooling. 2,158,370; May 16.
Knowles, Edwin C., Beacon, assignor to The Texas Company, New York, N. Y. Dewaxing of mineral oils. 2,161,581; June 6.
Knowles, Edwin C., Beacon, assignor to The Texas Company, New York, N. Y. Dewaxing hydrocarbon oil. 2,164,773; July 4.
Knowles, Edwin F., Globe, Ariz. Folding table and operating means therefor. 2,184,500; Dec. 26.
Knowles, Lloyd G., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for applying pressure to shoe bottoms. 2,145,265; Jan. 31.
Knowlton Brothers. (See Davenport, Franklyn E., assignor.)
Knowlton, Clarence S., Springfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Timing circuits. 2,156,630; May 2.
Knowlton, Cutler D., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Web marking mechanism. 2,151,036; Mar. 21.
Knowlton, Cutler D., Beverly, assignor to Hoague-Sprague Corporation, Lynn, Mass. Web-marking mechanism. 2,159,029; May 23.
Knowlton, Donald R. (See Crites, W. J., and Knowlton.)
Knowlton, Donald R., Bartlesville, Okla., and P. C. Murphy, Shreveport, La., assignors to Phillips Petroleum Company. Flow head with adjustable flow bean. 2,170,500; Aug. 22.
Knowlton, M. D., Company. (See De Smith, Henry, assignor.)
Knowlton, Norwood H., Rockport, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Abrading tool. 2,146,302; Feb. 7.
Knowlton, Theodore E., New York, N. Y. Method and apparatus for preventing offset in printing. 2,152,263; Mar. 28.
Knox, David R., assignor to Bundy Tubing Company, Detroit, Mich. Magnetic testing apparatus. 2,156,592; May 2.
Knox, Frank A., St. Louis, Mo., assignor to The Guardite Corporation. Treating tobacco. 2,145,266; Jan. 31.
Knox, Granville S. (See Stone, F., and Knox.)
Knox, Granville S., assignor to Hydril Company, Los Angeles, Calif. Dart type plug. 2,146,219; Feb. 7.
Knox, Harry A., Washington, D. C. Suspension for vehicles. 2,149,297; Mar. 7.
Knox, Harry A., Washington, D. C. Assembling the elements of a joint. 2,181,136; Nov. 28.
Knox, Joseph R. (See Gascoigne, G. H., and Knox.)
Knox, Robert, Berlin, Vt., assignor to Jones Brothers Company, Boston, Mass. Sandblast shaping. 2,156,696; May 2.
Knox, William H., Jr., Nashville, Tenn., assignor to Victor Chemical Works. Crystalline anhydrous monocalcium phosphate. 2,160,700; May 30.
Knox, William H., Jr., Nashville, Tenn., assignor to Victor Chemical Works. Baking preparation. 2,160,701; May 30.
Knox, William H., and W. Graham, Philadelphia, Pa. Double duty binder. 2,164,746; July 4.
Knox, William J., Jr. (See Bowman, R. G., and Knox.)
Knox, William R., assignor to The Foote-Burt Company, Cleveland, Ohio. Machine tool. 2,157,762; May 9.
Knudsen, Alfred, Astra (Chubut), assignor to the firm "Astra" Compañia Argentina de Petróleo Sociedad Anónima, Buenos Aires, Argentina. Apparatus for the continuous distillation of high-boiling hydrocarbons to coke. 2,164,247; June 27.
Knudsen, Knud. (See Baldwin, J. H., and Knudsen.)
Knudsen, Knud, Danbury, Conn., assignor to Danbury-Knudsen, Incorporated. Remover for bottle closures. 2,164,191; June 27.
Knudsen, Knud, Danbury, Conn., assignor to Danbury-Knudsen, Incorporated. Hollow metal ball and making same. 2,177,928; Oct. 31.
Knudsen, Percy E. (See Cox, S. F., and Knudsen.)
Knudsen, Percy E., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Double glazed window. 2,159,661; May 23.
Knudson, John, and W. Neils, Libby, Mont. Automatic lumber loader and lift. 2,177,941; Oct. 31.
Knup, Emil, and F. Naef, assignors to the firm Textilwerk Horn A. G., Horn, Switzerland. Producing waterproof air transmissive fabrics for garments. 2,184,600; Dec. 26.
Knuteson, Oscar D., Katalla, Alaska. Hide or skin dressing tool. 2,178,019; Oct. 31.
Knutsen, Knut A., Paris, France. Printing device, particularly for tabulating machines controlled by record cards or bands. 2,175,530; Oct. 10.
Knutson, Carl M., Rosholt, Wis. Indicating board. 2,145,984; Feb. 7.
Knutson, Irving B., Chicago, Ill., assignor to International Business Machines Corporation, New York, N. Y. Perforated card interpreter. 2,181,996; Dec. 5.
Kobbé, William H., assignor to The Texas Company, New York, N. Y. Sulphurized cutting oil. 2,178,325; Oct. 31.
Kobel, Ernst, Ennetbaden, assignor to Aktiengesellschaft Brown Boveri & Cie., Baden, Switzerland. Electron discharge device control system. 2,145,088; Jan. 24.
Kober, Wilhelm H., Dusseldorf, Germany. Wringing device. 2,155,494; Apr. 25.
Kobold, Josef, assignor to Maschinenfabrik Esslingen, Esslingen-on-the-Neckar, Germany. Compressor for carbon dioxide snow. 2,151,855; Mar. 28.
Kobold, Josef, assignor to Maschinenfabrik Esslingen, Esslingen-on-the-Neckar, Germany. Method and apparatus for making dry ice. 2,153,629; Apr. 11.
Koca, James F., assignor to Woodstock Typewriter Company, Woodstock, Ill. Stop mechanism for typewriters. 2,153,630; Apr. 11.
Koca, James F., assignor to Woodstock Typewriter Company, Woodstock, Ill. Removable attachment for typewriters. 2,153,631; Apr. 11.
Koca, James F., assignor to Woodstock Typewriter Company, Woodstock, Ill. Typewriter escapement mechanism. 2,153,632; Apr. 11.
Koch, Albert. (See Becker, W., and Koch.)
Koch, Albert, executor. (See Hirth, Albert.)
Koch Butchers' Supply Company. (See Starr, R. H., Masters, and Litman, assignors.)
Koch, Charles, Brooklyn, N. Y. Invisible slide fastener assembly for garments. 2,148,269; Feb. 21.
Koch, Clarence W., St. Louis, Mo. Typewriter desk. 2,173,302; Sept. 19.
Koch Co., et al. (See Schramm, Frederick C., assignor.)
Koch, Ernst. (See Eckelmann, A., and Koch.)

Koch, Ernst, G. Schulz, and A. Eckelmann, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Improving textile materials. 2,143,352; Jan. 10.
Koch, Ernst, and C. Thomsen, Frankfort-on-the-Main-Hochst, and K. Dachlauer, Hofheim in Taunus, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Condensation product and aqueous solution thereof. 2,171,963; Sept. 5.
Koch, Frederick, Sparta, N. J., assignor to Consolidated Sewing Machine & Supply Co. Inc., New York, N. Y. Power transmitter. 2,172,390; Sept. 12.
Koch, George M., Summit, N. J., assignor by mesne assignments, to Radio Corporation of America, New York, N. Y. Cathode ray electrical measuring device. 2,171,216; Aug. 29.
Koch, Gustav H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Oscillating fan. 2,151,326; Mar. 21.
Koch, Harold B. (See Erline, T. H., Ditzler, and Koch.)
Koch, Henry, Jamaica, assignor to Dictograph Products Company, Inc., New York, N. Y. Bone conduction audiphone. 2,144,458; Jan. 17.
Koch, Henry, assignor to Dictograph Products Company, Inc., Jamaica, N. Y. Bone audition apparatus. 2,148,024; Feb. 21.
Koch, Henry, Jamaica, assignor to Dictograph Products Company, Inc., New York, N. Y. Bone conduction audiphone. 2,148,477; Feb. 28.
Koch, Henry, assignor to Dictograph Products Company, Inc., Jamaica, N. Y. Bone conduction audiphone. 2,165,710; July 11.
Koch, Herman, and J. L. Burke, Weehawken, assignors to Eldorado Escalator Co., Union City, N. J. Sanitary drinking cup. 2,165,277; July 11.
Koch, Hugo. (See Bergius, F., Koch, and Zimmermann.)
Koch, John, Jr., Cheviot, Ohio. Trouble and trunk light. 2,166,062; July 11.
Koch, Josef, Essen, Germany. Producing printing surfaces for intaglio printing. 2,150,281; Mar. 14.
Koch, Otto L., and D. Elder, Philadelphia, Pa. Toy catapult. 2,144,805; Jan. 24.
Koch, Paul W., Brooklyn, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Rate of climb indicator. 2,159,703; May 23.
Koch, Theodoor, Oosterbeek, and H. A. van der Kroon, Arnhem, Netherlands, assignors to American Enka Corporation, Enka, N. C. Treatment of casein fibers. 2,169,955; Aug. 15.
Koch, Theodoor, Oosterbeek, Netherlands, assignor to American Enka Corporation, Enka, N. C. Treatment of artificial silk. 2,176,402; Oct. 17.
Koch, Theodoor, Oosterbeek, Netherlands, assignor to American Enka Corporation, Enka, N. C. Treatment of artificial silk. 2,176,403; Oct. 17.
Koch, Werner. (See Brunke, F., and Koch.)
Koch, Wilhelm, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of pure benzoic acid. 2,154,626; Apr. 18.
Koch, William H., St. Paul, Minn. Fence tool. 2,158,128; May 16.
Koch, Winfield R. (See Brown, G. H., and Koch.)
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Automatic volume control circuits. 2,144,224; Jan. 17.
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Loaded antenna. 2,147,165; Feb. 14.
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Measuring device. 2,147,446; Feb. 14.
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Multiwave band superheterodyne receiver. 2,150,553; Mar. 14.
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Reduction of noise. 2,151,773; Mar. 28.
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Reduction of noise. 2,151,774; Mar. 28.
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Reduction of noise. 2,151,775; Mar. 28.
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Continuous wave signal receiving system. 2,154,073; Apr. 11.
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Tuning system for ultra-high-frequency radio apparatus. 2,157,855; May 9.
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Diode rectifier. 2,157,856; May 9.
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Impulse measuring circuit. 2,158,285; May 16.
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Reduction of noise. 2,160,073; May 30.
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Direction control device. 2,165,800; July 11.
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Noise reduction system. 2,166,995; July 25.
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Measuring instrument. 2,173,231; Sept. 19.
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Ultra high frequency modulator. 2,174,701; Oct. 3.
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Reduction of noise. 2,175,270; Oct. 10.
Koch, Winfield R., Merchantville, N. J., assignor to Radio Corporation of America. Audio frequency amplifier. 2,179,263; Nov. 7.
Koch, Winfield R., Camden, N. J., assignor to Radio Corporation of America. Electrical device. 2,144,337; Jan. 17.
Koch, Winfield R., Camden, N. J., assignor to Radio Corporation of America. Voltage doubling automatic volume control circuit. 2,172,476; Sept. 12.
Kocher, Edward H., Boonton, N. J., assignor to Auto Research Corporation. Lubrication. 2,161,821; June 13.
Kocher, Edward H., Boonton, N. J., assignor to Auto Research Corporation. Pipe coupling. 2,182,811; Dec. 12.
Kocher, Neil S., and H. B. Smith, assignors to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin sheets containing an alkyl phthalyl ethyl glycollate. 2,184,426; Dec. 26.
Kochner, William B., assignor to Knapp-Monarch Company, St. Louis, Mo. Food mixer handle construction. 2,179,745; Nov. 14.
Koci, Jerry C., Berwyn, assignor to Chicago Coin Machine Manufacturing Company, Chicago, Ill. Game. 2,165,059; July 4.
Koci, Jerry C., assignor to Chicago Coin Machine Mfg. Co., Chicago, Ill. Game apparatus and control means. 2,177,725; Oct. 31.
Kock, Birger. (See Hagelin, B., and Kock.)
Kock, Winston E., assignor to The Baldwin Company, Cincinnati, Ohio. Harmonic tone production for the generation of musical tone qualities. 2,148,478; Feb. 28.
Kock, Winston E., assignor to The Baldwin Company, Cincinnati, Ohio. Stabilized oscillation generator. 2,179,791; Nov. 14.
Kock, Winston E., and J. F. Jordan, assignors to The Baldwin Company, Cincinnati, Ohio. Automatic oscillation starter. 2,143,822; Jan. 10.
Kodaira, Otozo, Kobinata, Koishikawa-ku, Tokyo, Japan. Container for oil, lard, or the like. 2,142,790; Jan. 3.
Koebel, Charles J., Detroit, Mich. Core bit. 2,182,562; Dec. 5.
Koeberle, Karl. (See Braun, W., and Koeberle.)
Koeberle, Karl. (See Schlichting, O., and Koeberle.)
Koeberle, Karl, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Aza compounds of high molecular weight. 2,163,950; June 27.
Koeberle, Karl, W. Rohland, and C. Steigerwald, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Halogenated peri-naphthindenones. 2,145,051; Jan. 24.
Koeberle, Karl, W. Rohland, and C. Steigerwald, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Naphthindenones. 2,174,751; Oct. 3.
Koechling, Charles D., Floral Park, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,162,892; June 20.
Koehler, Charles H., Oak Park, Ill. Electrical connector. 2,179,636; Nov. 14.
Koehler, Edward C., Coronado, Calif. Track and groove internal combustion engine. 2,173,303; Sept. 19.
Koehler, Ernest F., et al. (See Koehler, E. F., and Harden, assignors.)
Koehler, Ernest F., South Berlin, and R. Harden, Boston, assignors, by mesne assignments, to E. F. Koehler, South Berlin, and G. W. Goerner, Bourne, Mass. Spark plug. 2,176,858; Oct. 17.
Koehler, James F., Northampton, Mass. Electrical apparatus. 2,171,104; Sept. 5.
Koehler, Karl, Kassel, Germany. Locomotive superheater. 2,148,025; Feb. 21.
Koehler Manufacturing Company. (See Wheat, Grant, assignor.)
Koehler, Paul O., Louisville, Ky. Bunion mold. 2,147,707; Feb. 21.
Koehler, Paul O., Louisville, Ky. Molding device. 2,154,169; Apr. 11.
Koehler, Rosa B. (See Irvine, Samuel M., assignor.)
Koehly, Paul F. (See Georgiev, A. M., and Koehly.)
Koehring Company. (See Lichtenberg, E. H., and Sheck, assignors.)
Koehring, Roland P. (See Lignian, J. A., and Koehring.)
Koehring, Roland P., and J. M. Hildabolt, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Making bearings. 2,158,461; May 16.
Koeller, Walter P., Chicago, Ill. Cosmetic cabinet. 2,180,151; Nov. 14.
Koelliker, George P. (See Carroll, Fred H., assignor.)
Koenemann, Ernst, and H. Ramser, Berlin, Germany, assignors to Edeleanu Gesellschaft. m. b. H. Recovery of mixed solvents from mineral oils. 2,146,679; Feb. 7.
Koenig, Alphonso L., Chicago, Ill. Draft arm for dispensing beverages. 2,162,384; June 13.
Koenig, Emil L., Brooklyn, N. Y. Motion detector. 2,148,163; Feb. 21.

Koenig, Harry J., assignor to Armour and Company, Chicago, Ill. Veal carcasses. 2,158,462; May 16.
Koenig, Herman W., Loveland, Colo. Field and garden hoe. 2,147,980; Feb. 21.
Koepfle, Joseph F., Detroit, Mich., assignor of one-half to L. G. Koepfle, Silver Spring, Md. Mechanical drive. 2,152,550; Mar. 28.
Koepfle, Leo G. (See Koepfle, Joseph F., assignor.)
Koepke, William F., Guttenberg, N. J., assignor of 30 percent to A. Berg, New York, N. Y. Portable electric head lamp. 2,164,529; July 4.
Koepp, Rudolph, & Co. Chemische Fabrik A. G. (See König, Walter, assignor.)
Koerding, Paul. (See Ulrich, H., and Koerding.)
Koerner, Allan M., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fuel combustion control system. 2,143,076; Jan. 10.
Koerner, Benjamin A. (See Toiberg, C. C., and Koerner.)
Koerner, Lawrence F. (See Hovgaard, O. M., and Koerner.)
Koerner, Loraine I., et al. (See Toiberg, C. C., and Koerner, assignors.)
Koester, Herman, assignor to The Bristol Company, waterbury, Conn. Method and apparatus for forming metal screw blanks. 2,151,776; Mar. 28.
Koester, Herman, assignor to The Bristol Company, Waterbury, Conn. Belt fastener. 2,183,937; Dec. 19.
Koethen, Frederick L., Niagara Falls, N. Y., and I. J. Wernert, Akron, Ohio, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of glass. 2,174,517; Oct. 3.
Koether, Emil A., Baltimore, Md., assignor, by mesne assignments, to Koppers Company. Grinding machine. 2,169,252; Aug. 15.
Koets, Raymond, Chicago, Ill. Trailer. 2,148,270; Feb. 21.
Koetschet, Pierre, Lausanne, Switzerland, assignor to Societe des Usines Chimiques Rhone-Poulenc, Paris, France. Manufacture of highly acetylated cellulose. 2,175,842; Oct. 10.
Kofke, Harry C., Philadelphia, Pa., assignor to The Esterbrook Steel Pen Manufacturing Co., Camden, N. J. Recording meter pen. 2,181,830; Nov. 28.
Kögel, Gustav, Baden-Baden, Germany. Cinematograph or like projection surface and making same. 2,177,572; Oct. 24.
Kögel, Wilhelm G. Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,146,076; Feb. 7.
Kögel, Wilhelm G., P. Strandberg, and G. Grubb, Stockholm, Sweden, assignors, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,181,276; Nov. 28.
Kogl, Frank, St. Kogl, Minn. Apparatus for precasting concrete stair structures. 2,161,822; June 13.
"Koh-i-noor" Tužkárna L. & C. Hardtmuth. (See Zückert, Richard, assignor.)
"Koh-i-noor" Tuzkarna L. & C. Hardtmuth, Ces. (See Zückert, Richard, assignor.)
Kohl, Everard F., assignor to Selco Products, Inc., Cleveland, Ohio. Electric motor. 2,158,823; May 16.
Köhl, Hermann, Stolberg, Germany, assignor, by mesne assignments, to P K Drive Corp., Jersey City, N. J. Power transmission mechanism. 2,142,730; Jan. 3.
Köhl, Hermann, Stolberg, Germany, assignor, by mesne assignments, to P K Drive Corp., Jersey City, N. J. Friction gearing. 2,149,057; Feb. 28.
Köhl, Hermann, Stolberg, Germany, assignor, by mesne assignments, to P K Drive, Corp., Jersey City, N. J. Change speed gear for power vehicles. 2,168,956; Aug. 8.
Kohl, Karl, Berlin, Germany, assignor to Naamlooze Vennootschap Machinerieen-en Apparaten Fabrieken "Meaf", Utrecht, Netherlands. Transmitting and receiving device for ultra-short waves. 2,170,028; Aug. 22.
Kohl, Thomas, Wilkes-Barre, Pa. Attachment for artificial limbs. 2,152,141; Mar. 28.
Kohl, William R., Glen View, Ill. Bag sealing machine. 2,166,761; July 18.
Kohl, William R., Glenview, Ill. Bag sealing. 2,177,492; Oct. 24.
Kohler, Anthony M. (See Brinckerhoff, J. E., Kohler, Reed, and Smith.)
Kohler, Anthony M. (See Reed, C. S., Smith, Brinckerhoff, and Kohler.)
Kohler, Carl J., Kohler, Wis. Float valve. 2,164,927; July 4.
Kohler & Chase. (See Hutchinson, Fenton F., assignor.)
Köhler, Fritz, E. Rouette, and W. Standop, Bonn-on-the-Rhine, Germany. Soldering agent. 2,172,979; Sept. 12.
Kohler, Harriet S., Westport, Conn. Article of wearing apparel. 2,161,063; June 6.
Kohler, Harriet S., Westport, Conn. Garment. 2,170,083; Aug. 22.
Köhler, Heinrich, Gross-Ottersleben, Georgshone, assignor to Fried. Krupp, Grusonwerk, Aktien-Gesellschaft, Magdeburg-Buckau, Germany. Rotary block press. 2,183,196; Dec. 12.
Kohler, Henry L., assignor to A. A. Kramer, Kansas City, Mo. Forming protective coatings on metallic sheets. 2,150,929; Mar. 21.
Kohler, John H., Nottingham, assignor to Carr Fastener Company Limited, Stapleford, England. Sliding clasp fastener. 2,180,928; Nov. 21.
Köhler, Rudolf. (See Hentrich, W., and Köhler.)
Köhler, Rudolf. (See Hentrich, W., Köhler, and Schlegel.)
Köhler, Rudolf. (See von und zu Guttenberg, Friedrich H., and Köhler.)
Köhler, Rüdolf, Dusseldorf, assignor to Henkel & Cie., G. m. b. H., Dusseldorf-Holthausen, Germany. Adhesive. 2,180,152; Nov. 14.
Köhler, Wilhelm, assignor to Goebel Aktiengesellschaft, Darmstadt, Germany. Web cutting and rewinding machine. 2,158,286; May 16.
Kohle-und Eisenforschung G. m. b. H. (See Hartmann, Fritz, assignor.)
Kohle-und Eisenforschung G. m. b. H. (See Püngel, Wilhelm, assignor.)
Kohlhagen, Walter, assignor to The Waterbury Clock Company, Waterbury, Conn. Make-and-break electric-motor device. 2,153,761; Apr. 11.
Kohlhardt, George, Wauwatosa, Wis. Hopper. 2,164,824; July 4.
Kohlhepp, Ralph V. P., Plainfield, N. J. Fishing reel. 2,146,582; Feb. 7.
Kohlmann, Gerhard, Quedlinburg, Germany. Automatic coin counting and wrapping machine. 2,149,444; Mar. 7.
Kohlruss, Henry A., Twin Falls, Idaho. Inner and outer adjustable arch shoe. 2,183,197; Dec. 12.
Kohlstadt, Marie M., Spokane, Wash. Cushion support. 2,167,178; July 25.
Kohman, Girard T., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Condenser. 2,171,127; Aug. 29.
Kohn, Jack, Brooklyn, N. Y. Combination tooth brush and sipper. 2,154,209; Apr. 11.
Kohn, Samuel, Jackson Heights, N. Y. Frankfurter cooker. 2,152,314; Mar. 28.
Kohn, Samuel, Jackson Heights, N. Y. Frankfurter cooker. 2,152,315; Mar. 28.
Kohn, Samuel, assignor to Radio Corporation of America. Automatic phonograph. 2,178,260; Oct. 31.
Kohn, Siegfried, assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Varnishes, varnish forming substances, and producing same. 2,169,361; Aug. 15.
Kohne, Geo. L., Inc. (See McKeown, Leo L., assignor.)
Köhnke, Johan F., Haarlem, Netherlands. Pipe support. 2,152,891; Apr. 4.
Kohnle, Frederick, assignor to The Monarch Marking System Company, Dayton, Ohio. Hand price marking appliance. 2,166,069; July 11.
Kohout, George A., Chicago, Ill. Air and fuel inlet for furnaces. 2,178,359; Oct. 31.
Kohout, George A., Chicago, Ill. Cool feeding device for furnaces. 2,178,360; Oct. 31.
Kokatnur, Vaman R., assignor to Autoxygen Inc., New York, N. Y. Motor fuel and making the same. 2,152,196; Mar. 28.
Kokay, Stephen, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating machine. 2,165,972; July 11.
Kolarik, Michael, Vienna, Austria. Siphon-discharge apparatus. 2,152,062; Mar. 28.
Kol-Ax Co. (See McGlone, Charles T., assignor.)
Kolb, Hans F., and C. M. Padgett, Chicago, Ill., assignors, by mesne assignments, to Chrysler Corporation, Detroit, Mich. Automobile clutch mechanism. 2,144,160; Jan. 17.
Kolb, Otto K., Chiswick, London, assignor to British Acoustic Films Ltd., London, England. Light source for use in the photographic recording of sound. 2,149,967; Mar. 7.
Kolb, Otto K., Chiswick, London, assignor to British Acoustic Films Ltd., London, England. Photographic sound recording. 2,158,874; May 16.
Kolb, Otto K., Chiswick, assignor to British Acoustic Films, Ltd., London, England. Reproduction of sound from record film. 2,160,506; May 30.
Kolb, Paul H., Williamsport, Pa. Speed control attachment for speedometers. 2,164,113; June 27.
Kolb, Paul H., Williamsport, Pa. Speed control for motor vehicles. 2,164,114; June 27.
Kolberg, Frithjof N., Sioux Falls, S. Dak. Combination dirt and gravel grader and dump box. 2,181,403; Nov. 28.
Kold-Hold Manufacturing Company. (See McGuffey, Orton S., assignor.)
Kole, Lessing L., Milwaukee, Wis. Lipstick. 2,162,584; June 13.
Kolehmainen, Waino M. (See Myrick, George H., assignor.)
Koleno, Joseph J., Joffre, Pa. Berry picking sleeve. 2,150,069; Mar. 7.
Kolin, Alexander, Chicago, Ill. Apparatus for measuring fluid flow. 2,149,847; Mar. 7.
Kolin, Julius, New York, N. Y. Machine for button manufacture. 2,143,518; Jan. 10.
Kollath, Francis C., Chicago, Ill. Lamp guard and handle. 2,157,738; May 9.
Kollberg, Gustaf L., Milwaukee, and M. C. Shaw, Wauwatosa, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Sliding vane compression. 2,150,122; Mar. 7.
Kollek, Leo. (See Niemann, G., and Kollek.)

Koller, Karl, Budapest, Hungary. Gas producer. 2,143,987; Jan. 17.
Koller, Lewis R., and R. P. Johnson, Schenectady, N. Y., assignors to General Electric Company. Control device. 2,168,165; Aug. 1.
Kolligs, Hans, Berlin-Zehlendorf, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Glow cathode. 2,147,447; Feb. 14.
Kolligs, Hans, Berlin-Zehlendorf, and R. Lauter, Berlin, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Glow cathode. 2,172,207; Sept. 5.
Kollsman, Paul, New York, N. Y. Self-compensating aneroid. 2,150,771; Mar. 14.
Kollsman, Paul, New York, N. Y. Automatic means for varying compass card oscillation. 2,161,870; June 13.
Kollsman, Paul, New York, N. Y. Automatic means for varying compass card oscillation. 2,161,871; June 13.
Kollsman, Paul, New York, N. Y. Shock absorber. 2,166,956; July 25.
Kollsman, Paul, New York, N. Y. Indicator illumination. 2,172,765; Sept. 12.
Kollsman, Paul, Stamford, Conn. Methods of and apparatus for making aneroids. 2,154,273; Apr. 11.
Kollsman, Paul, Stamford, Conn. Miniature lamp instrument illuminator system. 2,171,431; Aug. 29.
Kolly, Erwin M., Zurich, Switzerland. Garment with disappearing-type hood. 2,150,171; Mar. 14.
Kölm, Ulrich, Berlin-Lankwitz, Germany, assignor to International Business Machines Corporation, New York, N. Y. Graph printing tabulator. 2,165,278; July 11.
Kol-Master Corporation. (See Bressler, Robert E., assignor.)
Kolmodin, Axel, Lockport Township, Will County, Ill. Motion picture film reel. 2,180,829; Nov. 21.
Kolorama Laboratories, Inc. (See Clothier, S. L., and Hogencamp.)
Kolosso, Vincent J., Appleton, Wis. Fishing rod and reel. 2,179,413; Nov. 7.
Kolouch, Emil, assignor of fourty percent to M. Stern, twenty percent to A. Grab, twenty percent to E. Roman, Prague, Czechoslovakia, and twenty percent to E. Stern, Philadelphia, Pa. Electric cooking and frying apparatus. 2,148,822; Feb. 28.
Kolozsy, Louis W., Astoria, N. Y., now by judicial change of name, Louis W. Parker. Television system. 2,144,379; Jan. 17.
Kols, Jacob A., Columbus, Ohio. Hair curling device and process thereof. 2,167,387; July 25.
Kolseth, John H., assignor to Atlas Supply Company, Newark, N. J. Battery tester. 2,155,314; Apr. 18.
Kolstad, Welding J., Hyde Park, Mass. Chuck. 2,161,300; June 6.
Kolster, Frederick A., New York, N. Y., and P. F. Byrne, West Caldwell, N. J., assignors, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Ultra-high-frequency radio transmitter. 2,145,225; Jan. 24.
Kolster, Frederick A., assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Temperature compensated high-Q lines or circuits. 2,173,908; Sept. 26.
Kolthoff, Eric. (See Catanach, A. E., and Kolthoff.)
Kolts, Tennies F., assignor, by mesne assignments, to Warren Buckley, Chicago, Ill. Nonrefillable bottle. 2,179,510; Nov. 14.
Kolts, Tennies F., assignor, by mesne assignments, to Warren Buckley, Chicago, Ill. Nonrefillable bottle closure. 2,179,511; Nov. 14.
Komaki, Tarohachi, Claremont, Calif. Pea hulling machine. 2,155,793; Apr. 25.
Komar, Joseph F., Youngstown, Ohio. Making spray nozzles. 2,166,300; July 18.
Komarewsky, Vasili. (See Ipatieff, V., and Komarewsky.)
Komarewsky, Vasili, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of alcohols to aromatic hydrocarbons. 2,172,540; Sept. 12.
Komarik, Stephan L., assignor to The Griffith Laboratories, Inc., Chicago, Ill. Apparatus for canning meat. 2,181,945; Dec. 5.
Komline, Thomas R. (See Downes, J. R., and Komline.)
Kommer, Fred A. (See Blattner, A. H., and Kommer.)
Kommer, Fred A., assignor to Carter Carburetor Corporation, St. Louis, Mo. Fuel feeding and filtering. 2,146,397; Feb. 7.
Kommer, Fred A., assignor to Carter Carburetor Corporation, St. Louis, Mo. Adjustable link. 2,149,023; Feb. 28.
Komora, Louis J., East Cleveland, assignor to The Auer Register Company, Cleveland, Ohio. Register. 2,182,923; Dec. 12.
Komorous, Joseph, Riverside, assignor to Parisian Novelty Company, Chicago, Ill. Sheet securing means. 2,149,918; Mar. 7.
Komorous, Joseph, Riverside, assignor to Parisian Novelty Company, Chicago, Illl. Hand mirror. 2,163,001; June 20.
Komorowski, Joseph, Millvale, assignor of one-half to G. J. J. Hoelsche, Pittsburgh, Pa. Electric switch alarm. 2,154,459; Apr. 18.
Komow, Albert P., New York, N. Y. Sharpening device. 2,147,846; Feb. 21.
Kondolf, Henry, assignor to Southern Kraft Corporation, New York, N. Y. Carton and blank for forming the same. 2,178,076; Oct. 31.
Kondrat, Dimitrie S. (See Carroll, W. P., and Kondrat.)
Konen, Harry, assignor to W. J. Baker Co., Newport, Ky. Venetian blind tape holder. 2,166,301; July 18.
Kongsted, Ludvig P., Longmeadow, assignor to American Bosch Corporation, Springfield, Mass. Electric ignition system. 2,149,397; Mar. 7.
Konicek, George, Bruce Township, Benton County, Iowa. Transfer cart. 2,182,259; Dec. 5.
König, Albert, assignor to the firm of Carl Zeiss, Jena, Germany. Telescope objective. 2,158,507; May 16.
König, Albert, and K. Kühne, Jena, Germany, assignors, by mesne assignments, to Bausch & Lomb Optical Company, Rochester, N. Y. Measuring mark for stereoscopic range finders. 2,144,262; Jan. 17.
König, Hans, Stettin, Germany. Receptacle for the utensils required when playing cards, especially bridge. 2,184,917; Dec. 26.
König, Hermann, Berlin-Schmockwitzwerder, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Suspension device. 2,161,301; June 6.
König, Walter, Wiesbaden, assignor to Rudolph Koepp & Co. Chemische Fabrik A. G., Oestrich in Rheingau, Germany. Manufacture of shaped products impermeable to moisture. 2,144,703; Jan. 24.
König, Walter, Dresden, Germany, assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Sensitizing silver halide emulsion. 2,158,287; May 16.
König, Wilhelm. (See Grasshoff, A., and König.)
Konikoff Brothers. (See Konikoff, Robert H. and M. A., assignors.)
Konikoff, Maurice A. (See Konikoff, Robert H. and M. A.)
Konikoff, Robert H., Astoria, and M. A. Konikoff, assignors to Konikoff Brothers, New York, N. Y. Doll. 2,157,763; May 9.
Konishi, Masataro. (See Mochizuki, Gengo, assignor.)
Konishi, Shozo, Kami-Mura, assignor to Nippon Filmon Kabusiki Kaisya, Tokyo, Japan. Gramophone for playing records of an endless film. 2,168,529; Aug. 8.
Konkle, Philip J., Cincinnati, Ohio, assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Contrast amplifier. 2,179,414; Nov. 7.
Konold, Clyde H. (See Wurzbach, H. E., and Konold.)
Konopicky, Kamillo, Krefeld-Lin, Germany. Manufacture of ceramic ware. 2,184,601; Dec. 26.
Konovaloff, Peter, Flushing, N. Y. Clasper mechanical shoelace. 2,175,901; Oct. 10.
Koock, Ruth T., et al. (See Thomas, James R., assignor.)
Kooistra, Lambert. (See Fletcher, J., and Kooistra.)
Kooistra, Lambert, Wadsworth, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange apparatus. 2,167,659; Aug. 1.
Kooistra, Lambert, Barberton, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Heat exchanger. 2,170,145; Aug. 22.
Kool, Samuel, Amsterdam, Netherlands. Shirt. 2,154,684; Apr. 18.
Koolman, Carl T., W. Siecke, and M. Wohlwill, Frankfort-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Production of sulphuric acid. 2,172,617; Sept. 12.
Koonce, David, Bellaire, Ohio. Throttle control lever. 2,157,792; May 9.
Koonce, Richard S., Raleigh, N. C. Method of and apparatus for loading heavy spools. 2,144,600; Jan. 17.
Koons, Kenneth D., Salem, Ohio. Instrument holder. 2,171,128; Aug. 29.
Koontz, Richard E., assignor to National Standard Company, Niles, Mich. Control circuit. 2,153,192; Apr. 4.
Kooperativa Forbundet. (See Dahlberg, Tord O. R., assignor.)
Kooperativa Förbundet, Förening u. p. a. (See Dahlberg, Tord O. R., assignor.)
Kooperative Forbundet, Forening u. p. a. (See Pettersson, H. L., and Lundqvist, assignors.)
Kooperative Förbundet Förening u. p. a. (See Vigborg, Karl M., assignor.)
Koos, Richard H., Gloucester, assignor to Leon H. Ashmore, Collingswood, N. J. Fountain pen. 2,152,436; Mar. 28.
Kopanski, Roman, assignor to The Ward Products Corporation, Cleveland, Ohio. Antenna. 2,152,316; Mar. 28.
Kopitke, William H. (See Ferngren, E. T., and Kopitke.)
Kopitke, William H., Toledo, Ohio, assignor, by mesne assignments, to Plax Corporation, Hartford, Conn. Apparatus for dipping objects. 2,159,091; May 23.
Kopp, Edward C., Fort Worth, Tex. Oil and gas separator. 2,163,095; June 20.
Kopp, Julius, Grosshesselohe, near Munich, assignor to Gesellschaft für Linde's Eisemaschinen A. G., Hollriegelskreuth, near Munich, Germany. Process and apparatus for the separation of gases by rectification. 2,142,446; Jan. 3.
Kopp, Roger S., York, Pa. Air conditioning system. Re. 21,004; Feb. 14.
Kopp, Walter R., New Haven, Conn., assignor, by mesne assignments, to Western Cartridge Company. Flashlight. 2,156,916; May 2.
Kopp, Walter R., New Haven, Conn., assignor, by mesne assignments, to Western Cartridge Company. Switch for hand lamps. 2,167,117; July 25.

Koppe, Alexander T., Hasbrouck Heights, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Photocomposing machine. 2,174,726; Oct. 3.

Koppe, Alexander T., Hasbrouck Heights, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Plate holder and carriage for photographic lettering machines. 2,184,221; Dec. 19.

Koppe, Alexander T., Hasbrouck Heights, N. J., assignor to General Printing Ink Corporation, New York, N. Y. Apparatus for loading and unloading a photographic lettering machine. 2,184,222; Dec. 19.

Koppel, Josef, Westwood, N. J. Braiding machine. 2,175,401; Oct. 10.

Koppel, Sydney, et al. (See Schupp, Wilhelm, assignor.)

Koppelman, Theodore, Scranton, Pa. Adjusting device. 2,143,561; Jan. 10.

Koppelmann, Floris, and W. Kaufmann, Berlin-Siemensstadt, and F. Kesselring, Berlin-Frohnau, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. Re. 20,962; Jan. 3.

Koppers Company. (See Becker, Joseph, assignor.)

Koppers Company. (See Bénézech, Louis P. J. M., assignor.)

Koppers Company. (See Berg, R., and Christ, assignors.)

Koppers Company. (See Gollmar, Herbert A., assignor.)

Koppers Company. (See Kimmel, Singleton H., assignor.)

Koppers Company. (See Koether, Emil A., assignor.)

Koppers Company. (See Koppers, Heinrich, assignor.)

Koppers Company. (See Lavely, Paul H., assignor.)

Koppers Company. (See Linder, Willy, assignor.)

Koppers Company. (See Radtke, Max, assignor.)

Koppers Company. (See Randolph, Spottiswoode W., assignor.)

Koppers Company. (See Rühl, Gerhard, assignor.)

Koppers Company. (See Salkvist, Gustaf E., assignor.)

Koppers Company. (See Stewart, Hubert L., assignor.)

Koppers Company. (See Van Ackeren, Paul, assignor.)

Koppers Company. (See van der Hoeven, Bernard J. C., assignor.)

Koppers, Heinrich, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Water-gas generator. 2,143,017; Jan. 10.

Koppers, Heinrich, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Continuous production of water gas. 2,148,298; Feb. 21.

Koppers, Heinrich, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Continuous production of water gas. 2,148,299; Feb. 21.

Koppers, Heinrich, Essen-on-the-Ruhr, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Production of water gas. 2,151,121; Mar. 21.

Koppers, Heinrich, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Regenerative chamber or retort oven for the production of gas and coke. 2,172,736; Sept. 12.

Koppers, Heinrich, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Gas producer. 2,179,637; Nov. 14.

Koppers, Heinrich, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Gas producer. 2,179,638; Nov. 14.

Koppers-Rheolaveur Company. (See Slater, Homer B., assignor.)

Koppitz, Benjamin A., and J. A. Hartung, Detroit, Mich. Strainer. 2,181,404; Nov. 28.

Koppitz, Carl G., assignor, by mesne assignments, to Railway & Industrial Engineering Company, Greenburg, Pa. Disconnecting switch. 2,171,182; Aug. 29.

Koppl, Ernest, Huntington Beach, assignor to Patco, Inc., Los Angeles, Calif. Reamer construction. 2,172,762; Sept. 12.

Kops Brothers, Inc. (See Kops, Waldemar, assignor.)

Kops, Waldemar, assignor to Kops Brothers, Inc., New York, N. Y. Garment. 2,147,166; Feb. 14.

Kops, Waldemar, assignor to Kops Brothers, Inc., New York, N. Y. Foundation garment. 2,169,585; Aug. 15.

Korany, Julius S., Pawtucket, R. I. Rotary internal combustion engine. 2,174,664; Oct. 3.

Korb, Clarence H. (See Freeman, N. M., and Korb.)

Korb-Pettit Wire Fabrics & Iron Works, Inc. (See Blackburn, Ernest L., assignor.)

Körber, Kurt A., Dresden-Oberloschwitz, assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Muller & Co., Dresden, Germany. Weight recording and registering apparatus. 2,167,517; July 25.

Korbmacher, Otto. (See Einbeck, F., and Korbmacher.)

Korengold, John A. (See Saffir, Jacob A., assignor.)

Korensky, Edward. (See Ekbom, H. N., and Korensky.)

Korinth, Erich, Frankfort-on-the-Main-Hochst, and G. Meder, Munster, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Blue pigment colors and preparing them. 2,156,727; May 2.

Korkosz, Frank D and J. J., Chicopee, Mass. Projection apparatus. 2,168,799; Aug. 8.

Korkosz, John J. (See Korkosz, Frank D and J. J.)

Kor-Lok Company, The. (See Ansel, Harry R., assignor.)

Kormann Aero-Safety Appliance, Inc. (See De Beeson, George, assignor.)

Kormann, Robert, Astoria, Long Island, N. Y. Protractor device. 2,178,796; Nov. 7.

Kormendi, Joseph V., Dearborn, Mich. Heat deflector. 2,177,573; Oct. 24.

Korn, John J., Butte, Mont. Safety box for leaking gas lines. 2,171,935; Sept. 5.

Kornblatt, James Z., Philadelphia, Pa. Beer dispensing apparatus. 2,164,714; July 4.

Korndörfer, Hubert, Berlin, Germany, assignor to General Electric Company. Quenching chamber for electric gas switches. 2,155,276; Apr. 18.

Korndörfer, Hubert, Berlin, Germany, assignor to General Electric Company. Valve control system. 2,175,902; Oct. 10.

Korner, Max, and A. Greenblatt, New York, N. Y. Mop. 2,176,908; Oct. 24.

Korpan, John, assignor, by mesne assignments, to Master Doughnut Machine Company, Chicago, Ill. Doughnut making apparatus. 2,143,353; Jan. 10.

Korpiun, Joachim, Berlin-Grunewald, assignor to Schering-Kahlbaum A. G., Berlin, Germany. Electrodeposition on aluminum and aluminum alloys. 2,142,564; Jan. 3.

Kors, Frank F., Independence, Kans. Collapsible auto trailer. 2,182,967; Dec. 12.

Kors, Henry F., assignor of five-eighths to F. J. Broomell and three-eighths to E. W. Turk, Chicago, Ill. Button fastener. 2,174,518; Oct. 3.

Korsen, Lawrence S., Chicago, Ill. Spreader for treating liquids. 2,162,310; June 13.

Korsmo, Alfred, Hopkins, and M. Ronning, St. Louis Park, assignors to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Combine. 2,155,422; Apr. 25.

Korsmo, Alfred, Hopkins, and M. Ronning, St. Louis Park, assignors to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Combine. 2,155,423; Apr. 25.

Korsmo, Alfred, Hopkins, and M. Ronning, St. Louis Park, assignors to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Power mower. 2,155,716; Apr. 25.

Korsmo, Alfred, Hopkins, and M. Ronning, St. Louis Park, assignors to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Combine. Re. 21,161; July 25.

Korsmo, Torbjorn C., assignor to Madison-Kipp Corporation, Madison, Wis. Die casting apparatus. 2,143,323; Jan. 10.

Korte, Alfred C., assignor to Carter Carburetor Corporation, St. Louis, Mo. Fuel filter. 2,183,616; Dec. 19.

Korte, Fred. (See Hammond, J. A., and Korte.)

Korte, Helmuth. (See Siedler, P., Kayser, Korte, and Waibel.)

Korte, Helmuth, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Wet treatment of raw bast fibers. 2,180,087; Nov. 14.

Korten, Ernst. (See Schultis, C. T., and Korten.)

Kortenray, Willem. (See de Jong, H. Bergmans, and Kortenray.)

Kortenbach, Karl, Solingen-Weyer, Germany. Umbrella frame. 2,169,650; Aug. 15.

Körting & Mathiesen Aktiengesellschaft. (See Werner, Felix, assignor.)

Kortum, Robert E., Jr., St. Louis, Mo., assignor to R. Greenbaum. Automatic corn popper. 2,175,531; Oct. 10.

Kortvelesy, Kalman J., Bayside, N. Y. Fastening device. 2,177,726; Oct. 31.

Korver, Cornelis, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Flash lamp. 2,162,847; June 20.

Kosa, Emil, Sr., Los Angeles, Calif. Making animated motion pictures. 2,181,405; Nov. 28.

Kosar, John. (See Fleisch, J. R., and Kosar.)

Kosar, John G., Brooklyn, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Non-tamperable package and parts thereof. 2,153,428; Apr. 4.

Koscherak, Otto L., White Plains, N. Y. Bottle cap. 2,157,937; May 9.

Kosek, Ernest, et al. (See Vondracek, Frank J., assignor.)

Koski, Oscar K., assignor of one-fourth to J. A. Frame, Selma, Calif. Refrigerator attachment. 2,156,184; Apr. 25.

Koss, Louis F., Jr., Indianapolis, Ind. Veneer machine. 2,184,862; Dec. 26.

Kösslinger, Karl. (See Esselmann, P., Kösslinger, and Saffert.)

Kost, Harold W., Ferndale, assignor to Detroit Harvester Company, Detroit, Mich. Fastening clip for cables or the like. 2,154,046; Apr. 11.

Kost, Harold W., Ferndale, assignor, by mesne assignments, to Detroit Harvester Company, Detroit, Mich. Fastening device. 2,169,181; Aug. 8.

Kost, Harold W., Birmingham, assignor to Prestol Devices, Inc., Detroit, Mich. Fastener. 2,169,182; Aug. 8.

Kost, Harold W., assignor to Prestole Devices, Inc., Detroit, Mich. Fastening device. 2,172,247; Sept. 5.

Kost, Harold W., assignor to Prestole Devices, Inc., Detroit, Mich., Lens assembly. 2,172,248; Sept. 5.

Kostal, Franz, Vienna, assignor, to W. E. Reeser, Modling-Hinterbruhl, Austria. Electrical pocket writing and reading lamp. 2,161,872; June 13.

Kostamo, John A., New York, N. Y. Filter for tobacco smoking pipes, cigarette and cigar holders. 2,163,432; June 20.
Köstenberger, Franz, Vienna, Germany. Condiment dispenser. 2,166,302; July 18.
Koster, Frederick W., Meadville, assignor to American Viscose Corporation, Marcus Hook, Pa. Method and apparatus for the production of broken filament yarn. 2,184,254; Dec. 19.
Köster, Paul E., assignor to Siemens Apparate und Maschinen G. m. b. H., Berlin, Germany. Regulator for aircraft driving gears. Re. 21,295; Dec. 12.
Köster, Paul E., Berlin-Siemensstadt, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Navigating instrument for aircraft. 2,142,516; Jan. 3.
Köster, Paul E., Berlin-Siemensstadt, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Instrument arrangement for aircraft motors. 2,151,976; Mar. 28.
Köster, Paul E., Berlin-Siemensstadt, assignor to Siemens Apparate und Maschinen G. m. b. H., Berlin, Germany. Course finding method and apparatus. 2,158,584; May 16.
Koster, Paul E., Berlin-Siemensstadt, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschrankter Haftung, Berlin, Germany. Inclinometer for aircraft. 2,160,970; June 6.
Köster, Paul E., Berlin-Siemensstadt, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Navigating apparatus for instruction purposes. 2,164,412; July 4.
Köster, Paul E., Berlin-Siemensstadt, Germany, assignor to Siemens Apparate und Maschinen G. m. b. H. Control apparatus for airplanes. 2,167,077; July 25.
Köster, Paul E., Berlin-Siemensstadt, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschrankter Haftung, Berlin, Germany. Gyroscopic apparatus for determining the inclination of an airplane. 2,175,631; Oct. 10.
Kosterman, Clem E., Racine, Wis. Power operated knife. 2,180,244; Nov. 14.
Kostka, Frank, Buffalo, N. Y. Transposing device for piano accordions. 2,148,206; Feb. 21.
Kotaki, Teizo, Omori-ku, Tokyo, Japan. Pump. 2,172,103; Sept. 5.
Kotch, John, Warren, Ohio. Deflation indicator. 2,144,187; Jan. 17.
Kotcher, Irwin, Brooklyn, N. Y. Carton capping machine. 2,167,895; Aug. 1.
Kotcher, Irwin I., Brooklyn, N. Y. Receptacle filling machine. 2,167,894; Aug. 1.
Kotera, Alois, Prague, Czechoslovakia, assignor to Carbo-Norit-Union Verwaltungs-Gesellschaft m. b. H., Frankfort-on-the-Main, Germany. Removing objectionable smell or taste from flour or similar ground products. 2,146,958; Feb. 14.
Kothny, Gottdank L., Strafford, assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Core protractor. 2,170,146; Aug. 22.
Kotowski, Paul, and K. Dannehl, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Secret telephony. 2,158,662; May 16.
Kotowski, Paul, and S. Sonnenfeld, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Impulse or pulse transmitter. 2,181,568; Nov. 28.
Kotrbaty, Guy F., assignor to Fer-O-Con Corporation, New York, N. Y. Floor system and connections therefor. 2,143,887; Jan. 17.
Kotrbaty, Guy F., Chestnut Hill, Pa., assignor to Fer-O-Con Corporation, New York, N. Y. Building unit and element. 2,144,630; Jan. 24.
Kotrbaty, Guy F., Chestnut Hill, assignor to Ferrocon Corporation, Bryn Mawr, Pa. Nailable composite structural member and building unit. 2,150,172; Mar. 14.
Kotrbaty, Guy F., Chestnut Hill, Pa. Building construction. 2,166,095; July 11.
Kotrbaty, Guy F., Chestnut Hill, Pa. Building construction. 2,166,096; July 11.
Kotrbaty, Guy F., Chestnut Hill, Pa. Building construction. 2,166,097; July 11.
Kotrbaty, Guy F., Chestnut Hill, assignor to Ferrocon Corporation, Bryn Mawr, Pa. Angular structural unit and assembly. 2,166,098; July 11.
Kotrbaty, Guy F., Chestnut Hill, assignor to Ferrocon Corporation, Bryn Mawr, Pa. Composite structural member and building unit. 2,169,254; Aug. 15.
Kotrbaty, Guy F., Chestnut Hill, Pa., assignor to Fer-O-Con Corporation, New York, N. Y. Building unit and element. 2,169,255; Aug. 15.
Kotrbaty, Guy F., New York, N. Y., assignor to Ferrocon Corporation, Bryn Mawr, Pa. Building structure and parts therefor. 2,169,253; Aug. 15.
Kotterman, Chester A., assignor to P. R. Mallory & Co., Indianapolis, Ind. Fan-cooled rectifier. 2,143,919; Jan. 17.
Kotz, Fritz, Madgeburg, and A. Bergmann, assignors to Junkers Flugzeug- und Motorenwerke Aktiengesellschaft, Dessau, Germany. Extinguishing burning light metals and preventing their ignition. 2,182,440; Dec. 5.
Kotzebue, Meinhard H., Tulsa, Okla. Heat exchanger. 2,143,157; Jan. 10.
Kotzich, Frank J., Chicago, Ill. Cutter for quadruple stayer. 2,174,585; Oct. 3.
Koubek, John L., Anderson, Ind., assignor to General Motorts Corporation, Detroit, Mich. Reflector. 2,172,659; Sept. 12.
Koubek, John L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Reflex with conical type back. 2,172,660; Sept. 12.
Koulichkov, Serge N., New York, N. Y., assignor of thirty per cent to Elmon C. Gillette, New York, N. Y. Fire detecting apparatus. 2,177,493; Oct. 24.
Kounkel, Earl A., Sioux City, assignor of one-half to R. Stabe, Hinton, Iowa. Truck sleeper. 2,174,499; Sept. 26.
Kovacs, Julius P. (See Irwine, R. L., and Kovacs.)
Kovalovsky, Arthur. (See Kovalovsky, Oscar and Arthur.)
Kovalovsky, Arthur and O., Los Angeles, Calif. Fishing reel. 2,178,120; Oct. 31.
Kovalovsky, Oscar. (See Kovalovsky, Arthur and O.)
Kovalovsky, Oscar and A., Los Angeles, Calif. Fishing reel. 2,180,321; Nov. 14.
Kovar, John R., Anoka, Minn. Harrow control device. 2,182,260; Dec. 5.
Kovensky, Max, Miami, Fla. Electric baking iron. 2,153,256; Apr. 4.
Kowal, Etha D., assignor of one-half to J. Kowal and one-half to W. S. Rench, San Diego, Calif. Food decoration and making the same. 2,172,084; Sept. 5.
Kowal, John, et al. (See Kowal, Etha D., assignor.)
Kowalski, Frank, Jr. (See Crain, J. K., and Kowalski.)
Kowalski, Marion F., Richmond Hill, N. Y. Gas and air mixing device. 2,182,874; Dec. 12.
Kowitt, Jerome H., Baltimore, Md., assignor, by mesne assignments, to Standard Supercharger Corporation. Supercharger construction and utilization. 2,184,918; Dec. 26.
Koyemann, Alfred, Hamburg, Germany, assignor, by mesne assignments, to Naamlooze Vennootschap Derde Netherlandsche Patentenmaatschappij (D. N. P. M.), The Hague, Netherlands. Air screw. 2,146,342; Feb. 7.
Koyemann, Alfred, Hamburg, Germany, assignor, by mesne assignments, to Naamlooze Vennootshap Derde Nederlandsche Patentenmaatschappij (D. N. P. M.), The Hague, Netherlands. Uniting sprayed metal to wood. 2,157,456; May 9.
Koza, Albert H., Cuyahoga Falls, Ohio. Plastic faucet handle. 2,142,791; Jan. 3.
Kozacik, Alfred P. (See Moran, R. C., and Kozacik.)
Kozanowski, Henry N. (See Mouromtseff, I. E., and Kozanowski.)
Kozel, Harry, C. Hutchinson, and G. Baca, assignors, by mesne assignments, to J. E. Johnson, Chicago, Ill. Coin delivery apparatus. 2,147,954; Feb. 21.
Kozelka, Ralph J., Prairie du Chien, Wis. Game board. 2,148,207; Feb. 21.
Kozelka, Rudolf L., East Elmhurst, and D. R. K. von Hollen, Rego Park, N. Y. Cutting machine. 2,173,278; Sept. 19.
Kozma, Ladislas. (See Hatton, W., Haigh, and Kozma.)
Kracker, Herbert. (See Zitscher, A., Schmitt, and Kracker.)
Kracker, Herbert, and R. Schmid, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Diazoamino compounds soluble in water and preparing them. 2,168,800; Aug. 8.
Kracker, Herbert, O. Scherer, F. Müller, and W. Schumacher, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Benzenecarboxylic acid fluorides containing trifluoromethyl groups and preparing them. 2,181,554; Nov. 28.
Krackowizer, Hermann J., Chicago, Ill. Air circulator. 2,148,238; Feb. 21.
Kraeft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Bicycle frame and stand construction. 2,161,823; June 13.
Kraeft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Cycle fixture. 2,168,939; Aug. 8.
Kraeft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Cycle fixture. 2,169,256; Aug. 15.
Kraemer, Charles F., High Bridge, N. J. Supporting stand. 2,167,483; July 25.
Kraemer, Chester H., Scranton, Pa., assignor to General Outdoor Advertising Co., Chicago, Ill. Animated display. 2,146,192; Feb. 7.
Kraemer, George, and L. Bergeron, Jamaica, N. Y. Power transmitting system. 2,160,385; May 30.
Kraemer, Lodovico, Milan, Italy. Propelling pencil. 2,173,279; Sept. 19.
Kraemer, Waldo L., Brooklyn, N. Y., assignor to Kearfott Engineering Co., Inc. Pilot-house window. 2,157,210; May 9.
Krafft, Maurice, assignor to the firm Sapal Societe Anonyme des Plieuses Automatiques, Lausanne, Switzerland. Wrapping machine. 2,152,142; Mar. 28.
Krafft & Weichardt. (See Weichardt, R., Freistadt, and Hicke, assignors.)
Kraft, Arthur A., assignor to W. H. Biggs, St. Louis, Mo., as trustee. Automobile latch. 2,184,388; Dec. 26.
Kraft, George J., Wilkes-Barre, Pa. Hat form and hanger. 2,182,924; Dec. 12.

Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Tread surface for footwear. 2,155,166; Apr. 18.
Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Pneumatic cord tire and cord tire fabric. 2,179,374; Nov. 7.
Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Clutch. 2,180,086; Nov. 14.
Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Pneumatic tire. 2,184,927; Dec. 26.
Kraft, Josef, Olpe in Westphalia, Germany. Electrically operated stopping device for high speed rope-making machines. 2,150,977; Mar. 21.
Kraft-Phenix Cheese Corporation. (See Clickner, Forest H., assignor.)
Kraft-Phenix Cheese Corporation. (See Haugh, Raymond R., assignor.)
Kraft-Phenix Cheese Corporation. (See Rieck, A. W., Chapman, and Wambach, assignors.)
Kraft, Wheaton W., assignor to The Lummus Company, New York, N. Y. Distilling oils. 2,149,058; Feb. 28.
Kraft, Wheaton W., assignor to The Lummus Company, New York, N. Y. Solvent recovery. 2,168,570; Aug. 8.
Kraft, Wheaton W., New York, N. Y., and W. J. Bloomer, Bayonne, N. J., assignors to The Lummus Company, New York, N. Y. Distilling residues. 2,160,103; May 30.
Kraft, Wheaton W., and M. A. Zimmerman, assignors to The Lummus Company, New York, N. Y. Solvent recovery method. 2,177,183; Oct. 24.
Krahl, Walter L., Swampscott, assignor to Hygrade Sylvania Corporation, Salem, Mass. Discharge tube or the like. 2,173,880; Sept. 26.
Krahl, Walter L., Swampscott, assignor to Hygrade Sylvania Corporation, Salem, Mass. Mount support support for radio-tube mounts. 2,178,836; Nov. 7.
Krahl, Walter L., Swampscott, assignor to Hygrade Sylvania Corporation, Salem, Mass. Mount support for electron-discharge tubes. 2,178,837; Nov. 7.
Krahl, Walter L., Swampscott, assignor to Hygrade Sylvania Corporation, Salem, Mass. Manufacturing grid electrodes. 2,185,106; Dec. 26.
Krainbill, Vernon M., Brooklyn, N. Y. Convertible furniture. 2,164,715; July 4.
Kraissl, Frederick, Jr., Hackensack, N. J. Oil vapor filter. 2,144,681; Jan. 24.
Krajiček, Charles C., Cicero, Ill. Roofing cutter. 2,145,985; Feb. 7.
Krakauer, Abraham, assignor to Kay Manufacturing Corporation, Brooklyn, N. Y. Spring cushion and mattress structure. 2,142,399; Jan. 3.
Krakauer, Abraham, assignor to Kay Manufacturing corporation, Brooklyn, N. Y. Spring structure. 2,156,728; May 2.
Krakauer, Abraham, assignor to Kay Manufacturing Corporation, Brooklyn, N. Y. Foldable couch back structure. 2,175,991; Oct. 10.
Krakaur, Eugene K., Merrick, N. Y. Gummed tape moistening device. 2,177,727; Oct. 31.
Krakauer, Samuel. (See Marcus, S. S., and Krakauer.)
Kral, Joseph, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Molding and like fastener and installation thereof. 2,184,255; Dec. 19.
Krall, Reginald F., assignor to Woodall-Duckham (1920) Limited, London, England. Coke-oven door-operating machine. 2,142,447; Jan. 3.
Kramar, Ernst, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Receiver for electromagnetic waves. 2,151,922; Mar. 28.
Kramar, Ernst, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Direction finding arrangement. 2,170,659; Aug. 22.
Kramar, Ernst, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Determining position by radio beacons. 2,184,843; Dec. 26.
Kramar, Ernst, Berlin-Tempelhof, and E. Heinecke, Berlin-Lichtenrade, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Modulating high frequency transmitters. 2,151,921; Mar. 28.
Kramarenko, Alexandre. (See Wilen, Charles H., and Kramarenko.)
Kramer, Albert J., Washington, D. C. Wind tunnel and method for determining streamline contours. 2,152,317; Mar. 28.
Kramer, Albert J., Washington, D. C. Pneumatic tire. 2,155,017; Apr. 18.
Kramer, Andrew A. (See Buchanan, Ferdinand C., assignor.)
Kramer, Andrew A. (See Kohler, Henry L., assignor.)
Kramer, Andrew A., Kansas City, Mo. Vehicle tank. 2,160,477; May 30.
Kramer, Bernard L., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,170,333; Aug. 22.
Kramer, Clarence P., Chicago, Ill. Sprinkler. 2,151,214; Mar. 21.
Kramer, Edward N., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of water-soluble titanium compounds. 2,180,961; Nov. 21.
Kramer, Erwin, Cologne-Deutz, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the anthraquinone-acridone series. 2,180,419; Nov. 21.
Kramer, Fay. (See Kramer, Irving V., assignor.)
Kramer, Irving V., Bronx, assignor, by mesne assignments, to F. Kramer, New York, N. Y. Book with exchangeable leaves and binding element therefor. 2,153,575; Apr. 11.
Kramer, Leroy A., Chicago, Ill., assignor to Victor Chemical Works. Stable basic aluminum formate and solutions thereof. 2,154,170; Apr. 11.
Kramer, Theodore, Oklahoma City, Okla. Automatic valve. 2,174,057; Sept. 26.
Krämer, Werner, Berlin-Karlshorst, Germany, assignor to General Electric Company. Direct current measurement means. 2,153,377; Apr. 4.
Krämer, Werner, Berlin-Karlshorst, Germany, assignor to General Electric Company. Current responsive arrangement. 2,153,378; Apr. 4.
Krämer, Wilhelm, Emmerich, Rhine, Germany. Electro-welding of wire nettings. 2,155,095; Apr. 18.
Kramer, William, Richmond Hill, N. Y. Toy airplane. 2,182,591; Dec. 5.
Kramer, William F. (See Jamison, Claude T., assignor.)
Kramer, William F. (See Steren, J. R., and Kramer.)
Kramis, Karl, Zurich, Switzerland. Pneumatic tire. 2,160,219; May 30.
Krannak, Steven J., assignor to Min-A-Max Co., Minneapolis, Minn. Grease gun. 2,174,421; Sept. 26.
Krantz, Edward, assignor to Fastener Corporation, Chicago, Ill. Stapling machine. 2,154,755; Apr. 18.
Krantz, John C., Jr., assignor to Hynson, Westcott & Dunning, Incorporated, Baltimore, Md. Diuretic composition. 2,143,324; Jan. 10.
Krantz, John C., Jr., assignor to Hynson, Westcott & Dunning, Incorporated, Baltimore, Md. Therapeutic agents. 2,161,358; June 6.
Kranz, Bertold, assignor to Zellstofffabrik Waldhof, Mannheim-Waldhof, Germany. Utilization of the heat content of hot residual liquors. 2,159,899; May 23.
Kranz, Frederick H., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Gas liquid contact apparatus and method. 2,165,489; July 11.
Kranz, Frederick H., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Gas absorption. 2,165,490; July 11.
Kranz, Harry W. Lakewood, assignor to The Cleveland Welding Company, Cleveland, Ohio. Vehicle wheel. 2,160,272; May 30.
Kranz, Hermann E., Elmhurst, assignor to Elsbert Manufacturing Company, Inc., Chicago, Ill. Motor control. 2,155,557; Apr. 25.
Kranz, Philip, and A. P. Schmid, assignors to B. Wilmsen, Philadelphia, Pa. Artificial Christmas tree. 2,149,968; Mar. 7.
Kränzlein, Georg, Frankfort-on-the-Main-Hochst, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Splinterless glass. 2,144,067; Jan. 17.
Kränzlein, Georg, H. Schlichenmaier, and T. Meissner, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Anthraquinone dyestuffs capable of being chromed. 2,159,506; May 23.
Kränzlein, Georg, Frankfort-on-the-Main, and H. Schlichenmaier, Kelkheim in Taunus, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the anthraquinone oxazole series. 2,174,072; Sept. 26.
Kränzlein, Georg, M. Corell, and B. Popp, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat-dyestuffs of the anthraquinone series. 2,176,430; Oct. 17.
Kränzlein, Georg, and H. Bestian, Frankfort-on-the-Main, and W. Schnurr, Bad Soden in Taunus, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparing imidazolines. 2,176,843; Oct. 17.
Krapp, Karl. (See Baumann, P., Krapp, Schilling and Stadler.)
Krasa, Albert, Chicago, Ill. Bag filling machine. 2,155,196; Apr. 18.
Krase, Herbert J. (See Booth, C. F., and Krase.)
Krase, Herbert J., Anniston, Ala., assignor to Monsanto Chemical Company, St. Louis, Mo. Substituted diphenyl compositions. 2,172,391; Sept. 12.
Krasin, Wilhelm, Marshfield, Wis. Putlog support. 2,172,796; Sept. 12.
Krassalt, Theodor, Reuth V/Neumark, Germany, assignor of four-fifths to M. Presburg, Paris, France, and one-fifth to George August & Company Limited, Newcastle-on-Tyne, England. Manufacture of knitted goods. 2,152,415; Mar. 28.
Krassner, Irving, Newark, N. J., assignor of one-third to I. A. Winter, Woodmere, N. Y., and one-third to J. Drittel, Elizabeth, N. J. Cloth laying machine. 2,148,375; Feb. 21.
Kratchman, Frederick J., College Point, N. Y. Punch and die assembly. 2,147,655; Feb. 21.
Kratfel, John J., Philadelphia, Pa. Towing device. 2,174,468; Sept. 26.
Kratz, Henry. (See Boyce, John B., assignor.)
Kratz, Oscar E., Kansas City, Mo. Sewing machine. 2,174,790; Oct. 3.
Krauer, Otto A. (See Lewis, J. D., and Krauer.)
Kraus, Armin J., assignor to The Richards Chemical Works, Incorporated, Jersey City, N. J. Lubricant. 2,169,918; Aug. 15.
Kraus, Charles E., Sparks, Md. Colloidal mineral matter. 2,182,086; Dec. 5.

Kraus, Charles E., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Metal working. 2,142,517; Jan. 3.
Kraus, Charles E., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Method of and machine for milling. 2,148,479; Feb. 28.
Kraus, Charles E., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Cutter and blade therefor. 2,173,848; Sept. 26.
Kraus, Charles E., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Method of and apparatus for face-milling. 2,178,589; Nov. 7.
Kraus, Charles E., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Method of and apparatus for surfacing metal workpieces. 2,178,590; Nov. 7.
Kraus, Edwin C. (See Douthitt, Frank W., assignor.)
Kraus, John D. (See Firestone, F. A., Abbott, and Kraus.)
Kraus, Josef. (See Dirscherl, W., and Kraus.)
Kraus, O. (See Bakonye, Stefan, assignor.)
Krause, Albert W., Evanston, assignor to Sears, Roebuck and Co., Chicago, Ill. Metering device. 2,176,673; Oct. 17.
Krause, Artur, and R. Zell, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Compounds of the anthraquinone series. 2,174,245; Sept. 26.
Krause, August L. (See Mathewson, M. I., and Krause.)
Krause, August L., Providence, R. I., assignor to Brown and Sharpe Manufacturing Company. Milling machine. 2,155,864; Apr. 25.
Krause, Charles W., Detroit, assignor to The Forging and Casting Corporation, Ferndale, Mich. Ram for extrusion presses. 2,184,048; Dec. 19.
Krause, Daniel E., and C. H. Lorig, assignors to Battelle Memorial Institute, Columbus, Ohio. Alloy steel. 2,165,553; July 11.
Krause, Ernst, & Co. A.-G. (See Mossdorf, Richard, assignor.)
Krause, Frank F., Wenatchee, Wash. Foldable seat. 2,147,100; Feb. 14.
Krause, Frank R., Ellwood City, Pa. Method and apparatus for rolling metal. 2,147,301; Feb. 14.
Krause, Frank R., Ellwood City, Pa. Method and apparatus for elongating metal blanks. 2,161,064; June 6.
Krause, Frank R., Ellwood City, Pa. Apparatus for reducing tubular blanks. 2,161,065; June 6.
Krause, Georg A., et al. (See Schuftan, P., and Steinbacher, assignors.)
Krause, Gerhard. (See Källner, G., and Krause.)
Krause, Gus C., Lake Benton, Minn. Cultivator drag. 2,156,729; May 2.
Krause, Norman R., Racine, Wis. Lubricating device. 2,160,508; May 30.
Krause, William, West Hartford, assignor to Niles-Bement-Pond Company, Hartford, Conn. Expansible polishing wheel. 2,142,873; Jan. 3.
Krauss, Harry C., assignor of one-half to C. J. Green, Oxford, Pa. Hydraulic shock absorber. 2,184,190; Dec. 19.
Krauss, Wilfred K., Grand Rapids, Mich. Homogenizer. 2,172,661; Sept. 12.
Krauss, Wilhelm. (See Scheuing, G., and Krauss.)
Krauter, Edwin W., Chicago, Ill. Lettering. 2,165,861; July 11.
Krautzberger, Albert, Leipzig, Germany. Spray gun for paints and the like. 2,149,181; Feb. 28.
Kraybill, Henry R. (See Brewer, P. H., and Kraybill.)
Kraybill, Henry R., P. H. Brewer, and M. H. Thornton, assignors to Purdue Research Foundation, West Lafayette, Ind. Producing an adsorbent agent. 2,174,177; Sept. 26.
Kraynick, Andras, Milwaukee, Wis. Clothespin. 2,150,686; Mar. 14.
Krebs, Ernst W., Berlin-Reinickendorf, Germany, assignor to General Electric Company. Alternating-current dynamo-electric machine. 2,160,594; May 30.
Krebs, Kellogg, Monrovia, Calif., assignor to American Cyanamid Company, New York, N. Y. Flotation of precious metal ores. 2,149,220; Feb. 28.
Krebs, William J., et al. (See Foster, James D., assignor.)
Krebs, William N., Baltimore, Md., and D. W. Seiler, Washington, D. C. Multifrequency signaling apparatus. 2,169,257; Aug. 15.
Krebser, Adolf, Riehen, near Basel, assignor to the firm of J. R. Geigy S. A., Basel, Switzerland. Monoazodyestuffs and their manufacture. 2,156,593; May 2.
Krebser, Adolf, Riehen, near Basel, assignor to J. R. Geigy A. G., Basel, Switzerland. Disazo dyestuffs and their manufacture. 2,179,190; Nov. 7.
Krebser, Adolf, Riehen, near Basel, assignor to the firm of J. R. Geigy A. G., Basel, Switzerland. Substantive polyazo dyestuffs and their manufacture. 2,180,245; Nov. 14.
Krebser, Adolf, Riehen, near Basel, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Disazo dyestuffs and their manufacture. 2,180,246; Nov. 14.
Krefft, Hermann. (See Ewest, H., Krefft, and Larché.)
Krefft, Hermann. (See Gaidies, G., Krefft, and Kummer.)
Krefft, Hermann. (See Hänlein, W., Hagen, and Krefft.)
Krefft, Hermann, Berlin-Friedrichshagen, and K. Larché, Berlin-Tempelhof, Germany, assignors to General Electric Company. Electric lamp. 2,156,057; Apr. 25.
Krefft, Hermann, Berlin-Friedrichshagen, W. Hänlein, Berlin-Spandau, and M. Wagner, Weisswasser O/L, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,161,824; June 13.
Krefft, Hermann, Berlin-Friedrichshagen, K. Larché, Berlin, and M. Thomas, Weisswasser, Germany, assignors to General Electric Company. Gaseous electric discharge device. 2,177,728; Oct. 31.
Kreft, Walter W., Yetter, Iowa. Stock watering device. 2,164,716; July 4.
Kregecz, Augustus G., Ben Avon, Pa. Telemeter-type internal caliper. 2,150,070; Mar. 7.
Krehbiel, Walter D. (See Beckman, Ernest E., assignor.)
Krehbiel, Benjamen F., Wichita, Kans. Concrete unit assembly for wall construction. 2,143,988; Jan. 17.
Kreidel, Hans, Wiesbaden, Germany. Metal packing ring for use with screwed pipe joints or couplings. 2,171,217; Aug. 29.
Kreidl, Ignaz, Vienna, Austria, assignor to the firm of Vereinigte Chemische Fabriken Kreidl, Heller & Co. Mfg., Vienna, Germany. Opaque vitreous enamel and making same. 2,147,202; Feb. 14.
Kreidl, Ignaz, Vienna, Austria, assignor to the firm Vereinigte Chemische Fabriken Kreidl, Heller & Co. Mfg., Vienna, Germany, formerly Austria. White opaque vitreous enamel frit. 2,165,554; July 11.
Kreidler, Alfred, Stuttgart, Germany. Extrusion press. 2,165,711; July 11.
Kreienfeld, Friedrich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio receiver. 2,159,970; May 30.
Kreienfeld, Friedrich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Amplifier device. 2,183,748; Dec. 19.
Kreis, Fritz, Berlin-Lichterfelde, assignor to Gesellschaft zur Konstruktion und Verwertung Automatisch-Mechanischer Getriebe m. b. H., Berlin, Germany. Cog-wheel change-speed gearing. 2,143,325; Jan. 10.
Kreis, Joseph D., and E. W. McKinney, assignors to The McKinney Tool and Manufacturing Company, Cleveland, Ohio. Fluid actuated rolled forming machine. 2,182,401; Dec. 5.
Kreisler, Jacques, New Rochelle, assignor to Jacques Kreisler Sales Corporation, New York, N. Y. Vanity case. Re. 20,986; Jan. 24.
Kreisler, Jacques, Sales Corporation. (See Kreisler, Jacques, assignor.)
Kreiten, Paul, Cologne-on-the-Rhine, Germany. Dispensing and closing device for tablets, pills, and the like. 2,149,445; Mar. 7.
Kreitzer, William E. (See Niswonger, E. B., and Pitchell, assignors.)
Krejci, Robert F., and W. P. Zabel, Cleveland Heights, Ohio, assignors to General Electric Company. Apparatus for manufacturing filaments. 2,165,105; July 4.
Krekeler, Heinz. (See Mueller-Cunradi, M., and Krekeler.)
Krell, Joseph, Berlin-Zehlendorf, assignor to Adrema Maschinenbauges, m. b. H., Berlin, Germany. Ejector for ejecting printed articles from a printing machine. 2,161,712; June 6.
Kremer, Edward H., assignor to The Dayton Rubber Manufacturing Company, Dayton, Ohio. Belt connector. 2,179,697; Nov. 14.
Kremer, John. (See Laub, H., and Kremer.)
Kremer, Philip B., Huntingtown, Md. Adjustable plowshare. 2,156,991; May 2.
Kremers, Harry C., Cleveland Heights, assignor to The Harshaw Chemical Company, Elyria, Ohio. Apparatus for making aqueous hydrofluoric acid. 2,155,315; Apr. 18.
Kremmling, Otto, Hammersleben, Germany. Biscuit molding machine. 2,167,388; July 25.
Kremp, Franz. (See Beck, C., and Kremp.)
Krengel, Charles H., Twin Falls, Idaho. Wing-type corrugating shovel. 2,143,781; Jan. 10.
Krentler, Gilbert W., Lexington, assignor to Dean & Sherk Company, Inc., Lawrenceburg, Ky. Spool for industrial thread. 2,156,243; Apr. 25.
Krenzien, Otto, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electric discharge device. 2,156,631; May 2.
Krenzler, Emil, Wuppertal-Barmen, Germany. Shaping machine. 2,149,919; Mar. 7.
Kresge, Harry L., New York, N. Y. Electrical connection for electric signs. 2,147,847; Feb. 21.
Kress, Heinz. (See Ewaldson, W. C., and Kress.)
Kress, Joseph J., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 2,155,604; Apr. 25.
Kress, Otto, and C. E. Johnson, assignors to The Institute of Paper Chemistry, Appleton, Wis. Emulsion and preparing same. 2,172,392; Sept. 12.
Kress, S. H., and Company. (See Sibbert, Edward F., assignor.)
Kress, Willard C., Kenmore, assignor to J. H. Williams & Co., Buffalo, N. Y. Torque-indicating wrench. 2,167,720; Aug. 1.
Kressel, Konrad R. W. (See Rösler, E. R. A. G., Schwarting, and Kressel.)
Kretchmer, Frank P., Chicago, Ill. Extrusion device. 2,149,920; Mar. 7.
Kretschmer, Emil W., Shrewsbury, Mo. Refrigerant coil. 2,164,656; July 4.

Kretz, Hans, assignor to Fr. Kammerer A.-G., Pforzheim, Germany. Method of making round compound metallic articles. 2,177,435; Oct. 24.

Kretzschmar, Charles R., Fairlawn, and A. W. Ofeldt, Hackensack, N. J. Mixing apparatus. 2,142,947; Jan. 3.

Kreuscher, George A., Kenosha, Wis., assignor to W. J. Dennis & Company, Chicago, Ill. Window construction. 2,152,488; Mar. 28.

Kreuscher, George A., Kenosha, Wis., assignor to W. J. Dennis & Company, Chicago, Ill. Window screen. 2,155,424; Apr. 25.

Kreutzer, Karl, assignor to the firm J. S. Staedtler, Nuremberg, Germany. Producing graphite writing and drawing leads. 2,162,311; June 13.

Kreutzig, Elsa, Jersey City, N. J. Comb brush. 2,160,618; May 30.

Kreuzer, Henry, et al. (See Bamberger, Alexander, assignor.)

Krichton, Carl V., Elgin, assignor to McGraw Electric Company, Chicago, Ill. Temperature control system. 2,171,878; Sept. 5.

Krick, Arthur E. (See Starkey, William C., assignor.)

Krick, Arthur E., and W. C. Starkey, assignors to L. G. S. Devices Corporation, Indianapolis, Ind. Drill head. 2,175,471; Oct. 10.

Krider, George E., Blair County, Pa. Traction device. 2,154,047; Apr. 11.

Kriebel, Walter, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Ultra short wave system for two-way communication. 2,171,218; Aug. 29.

Kriechbaum, John P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heating system. 2,147,604; Feb. 14.

Kriechbaum, John P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heating system. 2,162,337; June 13.

Kriechbaum, John P., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Zone control system. 2,179,044; Nov. 7.

Kriechbaum, John P., and C. G. Kronmiller, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Damper regulator. 2,184,701; Dec. 26.

Krieg, Julius A., Waterville, Conn., assignor to E. S. Wright, Shrewsbury, Mass. Signal card file. 2,176,183; Oct. 17.

Kriegbaum, George M. (See Johnson, A. E. W., and Kriegbaum.)

Kriegbaum, George M., and C. C. Haas, Richmond, Ind., assignors to International Harvester Company. Tractor attached implement. 2,171,034; Aug. 29.

Kriegbaum, George M., and C. C. Haas, Richmond, Ind., assignors to International Harvester Company. Tractor attached implement. 2,172,980; Sept. 12.

Krieger, Adam. (See Humphrey, F., and Krieger.)

Krieger, Adolph. (See Kiessling, M., and Krieger.)

Krieger, Alvin W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Switch for control of low voltage circuits. 2,151,037; Mar. 21.

Krieger, Alvin W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,168,413; Aug. 8.

Krieger, Alvin W., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric snap switch. 2,171,368; Aug. 29.

Krieger, Wilhelm, and H. Buchner, assignors to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Photographic printing material. 2,162,456; June 13.

Kries, John. (See Strebel, H. F., and Kries.)

Krimsky, Emanuel, Brooklyn, N. Y. Phorometric stereoscope. 2,166,063; July 11.

Krines, Oskar, Berlin-Pankow, Germany, assignor to General Electric Company. Mercury arc discharge device. 2,148,300; Feb. 21.

Krippemdorf Kalculator Company. (See McMaster, Albert L., assignor.)

Krippendorf, Louis H., assignor to American Cystoscope Makers, Inc., New York, N. Y. Braiding machine. 2,148,164; Feb. 21.

Krischer, Irving M., Brooklyn, N. Y. Buckle for belts. 2,165,928; July 11.

Krissiep, Max, assignor to Textile Machine Works, Wyomissing, Pa. Braiding carrier. 2,167,930; Aug. 1.

Kristoffersen, Olaf, Oslo, Norway. Mounting of the cutting or grinding ribs or teeth in mills of any type. 2,147,167; Feb. 14.

Kritchevsky, Wolf, Chicago, Ill. Acid substituted hydroxy alkylamines and making same. 2,173,058; Sept. 12.

Kritchevsky, Wolf, assignor to Rit Products Corporation, Chicago, Ill. Brushless shaving cream. 2,144,884; Jan. 24.

Kritchevsky, Wolf, assignor to Ninol, Inc., Chicago, Ill. Treatment of furs and skins. 2,153,762; Apr. 11.

Kritchevsky, Wolf, assignor to Ninol, Inc., Chicago, Ill. Treatment of hides, skins, and leather. 2,158,627; May 16.

Kritchevsky, Wolf, assignor to Rit Products Corporation, Chicago, Ill. Hair dyeing composition and method. 2,163,043; June 20.

Kritchevsky, Wolf, assignor to Rit Products Corporation, Chicago, Ill. Brushless shaving cream. 2,164,717; July 4.

Kritchevsky, Wolf, assignor to Rit Products Corporation, Chicago, Ill. Brushless shaving cream. 2,167,180; July 25.

Kritchevsky, Wolf, assignor to Ninol, Inc., Chicago, Ill. Ore dressing. 2,173,909; Sept. 26.

Krivis, Moses. (See Gold, Leon, assignor.)

Kritzmacher, Ernest. (See Hanson, N. D., and Kritzmacher.)

Kroeger, Gustav H., Herkimer, assignor to Remington Rand Inc., Buffalo, N. Y. Card punching mechanism. 2,165,388; July 11.

Kroehler Mfg. Co. (See Stauffer, E. J., and Knosher, assignors.)

Kroenlein, Henry A., East Cleveland, assignor to Progress Vacuum Corporation, Cleveland, Ohio. Vacuum cleaner filters. 2,156,857; May 2.

Kroenlein, Henry A., assignor to The Filtex Corporation, Jackson, Mich. Vacuum sweeper nozzle and the like. 2,157,077; May 2.

Kroff, Leonard D., Sterling, Ill. Earth anchor. 2,181,660; Nov. 28.

Kroger, Fred H., Rocky Point, N. Y., assignor to Radio Corporation of America. Ultra high frequency transmitter. 2,148,165; Feb. 21.

Kroger Grocery & Baking Company, The. (See Lovell, Robert F., assignor.)

Krogh, Anker E. (See Green, J. R., Krogh, Moore, and Ullman.)

Krogh, Anker E., assignor to The Brown Instrument Company, Philadelphia, Pa. Control apparatus. 2,159,971; May 30.

Krogh, Peter O., assignor to Superior Body Company, Lima, Ohio. Hearse table control means. 2,177,411; Oct. 24.

Krohn, Albert J., Riverside, and J. Rada, assignors to The Goss Printing Press Company, Chicago, Ill. Locking means for printers' chases. 2,145,309; Jan. 31.

Krohn, John M., Racine, Wis. Valve stem grinder. 2,142,565; Jan. 3.

Kroier, Waldemar, Jacksonville, Fla. Lap joint. 2,166,064; July 11.

Kroll, Nathan J. (See Kroll, Samuel and N. J.)

Kroll, Nathan J. and S., Chicago, Ill. Masking panel for carriages. 2,177,833; Oct. 31.

Kroll, Samuel. (See Kroll, Nathan J. and S.)

Kroll, Samuel and N. J., Chicago, Ill. Carriage. 2,174,268; Sept. 26.

Kroll, Samuel and N. J., Chicago, Ill. Carriage. 2,180,531; Nov. 21.

Krom, Myron E., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,160,507; May 30.

Kroman, Julius, Minneapolis, Minn. Display rack. 2,153,422; Apr. 4.

Kromer, Wallace R. (See Dolison, D. H., and Kromer.)

Kron Company, The. (See Weist, Glenn E., assignor.)

Kronborg, Kristian. (See Fisher, D. O., Kronborg, and Schlup.)

Krone, Howard C. (See Meyer, W., and Krone.)

Kronenberg, Paul, Berlin, Germany. Producing fog or mist by partial and flameless combustion. 2,173,756; Sept. 19.

Kronenberger, Ike, Chicago, Ill. Combined cap and ear muffs. 2,149,121; Feb. 28.

Kroner, Friedrich, Berlin-Charlottenburg, Germany, assignor to Transart Aktiebolag, Goteborg, Sweden. Pictorial representation. 2,149,779; Mar. 7.

Kroner, Friedrich, Berlin-Charlottenburg, Germany, assignor to Transart Aktiebolag, Goteborg, Sweden. Display device. 2,149,780; Mar. 7.

Krongold, Saul, Uniontown, Pa. Windshield and window cleaner. 2,169,206; Aug. 8.

Kronheim, Jacob, et al. (See Freund, Morris, assignor.)

Kronman, Joel, New York, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Composite closure cap and making same. 2,173,449; Sept. 19.

Kronmiller, Carl G. (See Denison, F. S., and Kronmiller.)

Kronmiller, Carl G. (See Kriechbaum, J. P., and Kronmiller.)

Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control mechanism. 2,144,587; Jan. 17.

Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control mechanism. 2,145,199; Jan. 24.

Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Liquid control. 2,146,680; Feb. 7.

Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Motor operated valve. 2,146,681; Feb. 7.

Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Fluid fuel burner control system. 2,159,617; May 23.

Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Motor operated control mechanism. 2,161,258; June 6.

Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Switch. 2,165,801; July 11.

Kronmiller, Carl G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermostat. 2,172,820; Sept. 12.

Kronmiller, Carl G., and F. D. Joesting, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control device. 2,165,555; July 11.
Kronmiller, Carl G., and H. E. Malone, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Condition responsive switch. 2,171,272; Aug. 29.
Kronoff, Clarence R., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Lay construction for looms. 2,162,312; June 13.
Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for soldering and coating side seams of sheet metal containers. 2,166,598; July 18.
Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for coating can bodies. 2,169,805; Aug. 15.
Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Apparatus for internally striping can body side seams. 2,181,332; Nov. 28.
Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Coating sheet metal can ends. 2,185,088; Dec. 26.
Kronquest, Alfred L., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Machine for coating can ends. 2,185,089; Dec. 26.
Kronquest, William C., assignor to Acme Steel Company, Chicago, Ill. Corrugated fastener package. 2,145,358; Jan. 31.
Kronsbein, John, Birmingham, assignor, by mesne assignments, of one-half to C. F. Neale, Solihull, Warwickshire, England. Conveying metallic articles through electroplating or like apparatus. 2,144,068; Jan. 17.
Kronson, Herman, and B. F. Harley, Providence, R. I. Voting machine instruction device. 2,176,767; Oct. 17.
Krook, Carl G., Kingman, Ariz. License card holder. 2,165,389; July 11.
Kroop, Mischa, Brooklyn, N. Y. Artificial teeth and encasement therefor. 2,183,353; Dec. 12.
Kropa, Edward L., East Orange, N. J., assignor to Ellis-Foster Company. Alkyl methacrylic esters and making same. 2,150,507; Mar. 14.
Kropf, Alfred, Wetzlar, Lahn, Germany. Corrosion-resistant chromium-manganese-iron alloys. 2,184,305; Dec. 26.
Kropp, Henry A., Reading, Pa. Label. 2,167,305; July 25.
Kropp, Hermann, Nuremberg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ventilating fan. 2,183,079; Dec. 12.
Kropp, William J., Wichita, Kans. Manufacturing packing and insulating material. 2,147,793; Feb. 21.
Kropp, William J., Wichita, Kans. Packing and insulating material. 2,166,926; July 18.
Krös, Josef, Frankfort-on-the-Main, Germany. Securing means for the screw-threaded bases of electric current leads. 2,143,562; Jan. 10.
Krotz, Alvin S., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Vehicle. 2,177,893; Oct. 31.
Krout, Ray W., Paterson, assignor to Charms Company, Bloomfield, N. J. Folding container. 2,183,681; Dec. 19.
Krout, Walter C., Charlotte, N. C. Device for packaging laundry. 2,144,573; Jan. 17.
Krout, Walter C., Charlotte, N. C. Device for packaging men's collar attached shirts. 2,182,050; Dec. 5.
Kroydon Company. (See Chittick, Charles V., assignor.)
Krueger, Albert G. (See Gilling, E. A., Vaughan, and Krueger.)
Krueger, Archie S. (See Broeren, F. L., and Krueger.)
Krueger, Edwin W., River Forest, Ill. Securing wires together. 2,162,815; June 20.
Krueger, Frederick M., Evergreen, assignor to T. W. & C. B. Sheridan Company, New York, N. Y. Signature gathering. 2,173,118; Sept. 19.
Krueger, Herman F., Los Angeles, Calif. Inkstand. 2,178,861; Nov. 7.
Krueger, Louis W., Jr., trustee. (See Cobb, Frank E., assignor.)
Krueger, Theodore H., Stratford, Conn. Tape serving machine. 2,148,026; Feb. 21.
Krueger, Theodore H., Shelton, Conn. Label and labeling. 2,159,993; May 30.
Krueger, Theodore H., Shelton, Conn. Index tab or title protector. 2,164,928; July 4.
Kruesi, Geoffrey G., Dayton, Ohio. Radio direction finder. 2,142,133; Jan. 3.
Kruesi, Geoffrey G., Dayton, Ohio. Radio compass. 2,156,297; May 2.
Kruesi, Geoffrey G., Dayton, Ohio. Radio direction finder. 2,184,306; Dec. 26.
Krug, Carl F. H., Cincinnati, Ohio. Window-raising and lock-retracting means. 2,165,060; July 4.
Krug, Emil W., Manitowoc, Wis., deceased; A. J. Kempfert, Manitowoc, Wis., administrator. Cooling device for liquids. 2,183,221; Dec. 12.
Krug, Julius, Berlin, Germany, assignor to Combustion Engineering Company, Inc. Boiler. 2,146,261; Feb. 7.
Krügel, Lothar, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio receiving system. 2,149,175; Feb. 28.
Kruger, Louis, and S. Witte, New York, N. Y. Comb. 2,176,460; Oct. 17.
Krüger, Willy. (See Seliger, H., Bretschneider, Hubald, Krüger, and Truglitzka.)
Krum, Howard L., Kenilworth, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,182,634; Dec. 5.
Krum, Howard L., Kenilworth, and A. H. Reiber, Evanston, assignors to Teletype Corporation, Chicago, Ill. Commodity quotation system. 2,147,656; Feb. 21.
Krum, Howard L., Kenilworth, and C. W. Swan, assignors to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,180,360; Nov. 21.
Krum, Howard L., Kenilworth, and C. W. Swan, assignors to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,182,635; Dec. 5.
Krum, Howard L., Kenilworth, and A. H. Reiber, Evanston, assignors to Teletype Corporation, Chicago, Ill. Market quotation selector. 2,183,022; Dec. 12.
Krumholtz, George R. (See Haley, Timothy, assignor.)
Krupp, Fried., Aktiengesellschaft. (See Houdremont, E., and Schrader, assignors.)
Krupp, Fried. Grusonwerk, Aktien-Gesellschaft. (See Köhler, Heinrich, assignor.)
Krupp, Fried., Germaniawerft Aktiengesellschaft. (See Mohr, Karl, assignor.)
Krupp, Fried., Aktiengesellschaft. (See Naumann, Friedrich K., assignor.)
Krupp, Fried., Grusonwerk, Aktiengesellschaft. (See Rosenbaum, Kurt, assignor.)
Krupp Nirosta Co. (See Schafmeister, Paul, assignor.)
Kruse, Albert J., Fredericksburg, Tex. Baling press. 2,170,084; Aug. 22.
Kruse, Alfred R. (See Angstrom, C. J., and Kruse.)
Kruse, Frederick P., Berkeley, Calif., assignor of forty percent to C. O. Bruce. Wrench. 2,172,561; Sept. 12.
Kruse, Henry J., St. Charles, Mo. Scaffold. 2,184,457; Dec. 26.
Kruspi, Friedrich, Berlin-Wilmersdorf, Germany. Liquid flow meter. 2,146,827; Feb. 14.
Kruttschnitt, John, San Mateo, Calif. Drill bit. 2,174,791; Oct. 3.
Kryder, Ralph L., Akron, Ohio. Container. 2,144,318; Jan. 17.
Krzeminsky, Valentin, Schiedam, assignor to A. P. Schat, Utrecht, Netherlands. Davit. 2,173,421; Sept. 19.
Krzikalla, Hans. (See Alt, W., and Krzikalla.)
Krzikalla, Hans, and H. Ufer, Ludwigshafen-on-the-Rhine, B. Eistert, Mannheim, and G. Klaproth, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuff. 2,151,518; Mar. 21.
Krzikalla, Hans, and W. Limbacher, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Metal containing trisazo dyes. 2,168,571; Aug. 8.
Krzikalla, Hans, and H. Pardon, Ludwigshafen-on-the-Rhine, and F. Hess, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the diphenylamine series. 2,177,113; Oct. 24.
Krzikalla, Hans, and W. Alt, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,181,057; Nov. 21.
Kubach, Robert B., Avon Lake, Ohio. Fabricated building block. 2,173,020; Sept. 12.
Kubelus, Joseph G., Jessup, Pa. Distributor for internal combustion engines. 2,151,519; Mar. 21.
Kubiak, Henry J. (See Kubiak, Victor J. and H. J.)
Kubiak, Victor J., Philadelphia, Pa., and H. J. Kubiak, Madison, Wis. Permanent waving apparatus. 2,183,023; Dec. 12.
Kubias, Fred, et al. (See Vondracek, Frank J., assignor.)
Kübler, Carl, Berlin, Germany. Mounting an adding and subtracting device on slide rules. 2,153,089; Apr. 4.
Kübler & Niethammer, et al. (See Schwabe, Kurt, assignor.)
Kucera, Frank A. (See Thompson, C. S., Kucera, and Riviere.)
Kucera, Frank A., assignor to Union Special Machine Company, Chicago, Ill. Needle guide for sewing machines. 2,156,535; May 2.
Kucera, Frank A., assignor to Union Special Machine Company, Chicago, Ill. Looper mechanism for sewing machines. 2,172,321; Sept. 5.
Kucera, Peter. (See Stewart, A. H., and Kucera.)
Kucera, Peter, Allison Park, Pa., assignor to Hartford-Empire Company, Hartford, Conn. Displacement glass feeder. Re. 21,037; Mar. 28.
Kucher, Andrew A., Dayton, Ohio. Reproducing apparatus and method. 2,148,166; Feb. 21.
Kucher, Andrew A., Dayton, Ohio. Door latch. 2,162,405; June 13.
Kucher, Andrew A., Dayton, Ohio. Musical system. 2,163,096; June 20.
Kucher, Andrew A., Dayton, Ohio. Fuel burner. 2,165,191; July 4.
Kucher, Andrew A., Dayton, Ohio. Refrigerating apparatus. 2,169,763; Aug. 15.
Kucher, Andrew A., Dayton, Ohio. Reproducing apparatus and method. 2,171,936; Sept. 5.
Kucher, Andrew A., Dayton, Ohio. Refrigerating apparatus. 2,177,663; Oct. 31.

Kucher, Andrew A., Dayton, Ohio. Refrigerating apparatus. 2,178,511; Oct. 31.
Kucher, Andrew A., Dayton, Ohio. Refrigerating apparatus. 2,180,472; Nov. 21.
Kucher, Andrew A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,161,420; June 6.
Kucher, Andrew A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,161,421; June 6.
Kucher, Andrew A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,168,367; Aug. 8.
Kucher, Andrew A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,169,919; Aug. 15.
Kucher, Andrew A., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Control system. 2,175,402; Oct. 10.
Kucher, Andrew A., Dayton Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigeration. 2,178,020; Oct. 31.
Kucher, Andrew A., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigeration. 2,182,153; Dec. 5.
Kucher, Andrew A., Oakwood, assignor to General Motors Corporation, Dayton, Ohio. Shipping crate for refrigerating apparatus. 2,154,242; Apr. 11.
Kucher, Fridolin, assignor to V. Walter, Schwabisch Gmund, Germany. Proportionate scale. 2,145,515; Jan. 31.
Küchler, Karl, assignor to Jagenberg-Werke Akt.-Ges., Dusseldorf, Germany. Method and machine for producing paper containers. 2,169,345; Aug. 15.
Kuchley, Josef. (See Langer, M., Wochinger, and Kuchley.)
Kuckuck, Berthold, assignor to Elastic Rail Spike Corporation, New York, N. Y. Elastic rail spike and its arrangement with respect to the rails. 2,178,478; Oct. 31.
Kudrna, Benedikt, Vienna, Austria, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Party-line telephone system. 2,176,349; Oct. 17.
Kudrna, Benedikt, Vienna, Austria, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk Siemensstadt, near Berlin, Germany. Telephone system. 2,179,723; Nov. 14.
Kudrna, William E., Bunnell, Fla. Wagon. 2,153,257; Apr. 4.
Kudrna, William E., Bunnell, Fla. Wagon. 2,183,682; Dec. 19.
Kueffer, E. H. (See Howard, Clarence B., assignor.)
Kueffer, E. H. (See Metcalf, Herbert E., assignor.)
Kueffer, E. H. (See Trautner, Wagn, assignor.)
Kuehl, Walter A., Chicago, Ill. Portable electrically heated tool. 2,147,981; Feb. 21.
Kuehn, Alfred, Wauwatosa, Wis. Spring wheel mounting for automotive vehicles. 2,164,413; July 4.
Kuehn, Louis, assignor to Milcor Steel Company, Milwaukee, Wis. Sheet metal eaves trough. 2,145,486; Jan. 31.
Kuehne, Carl W., Millburn Township, N. J., assignor to Kuehne Chemical Company. Polishing a formaldehyde resin. 2,143,888; Jan. 17.
Kuehne Chemical Company. (See Kuehne, Carl W., assignor.)
Kuehne, Herman H., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Nut or screw setting attachment for electric tools. 2,179,724; Nov. 14.
Kuehni, Hans P., Schenectady, N. Y., assignor to General Electric Company. Cathode ray oscillograph control. 2,180,153; Nov. 14.
Kuenhold, Otto J., Shaker Heights, assignor to Monmouth Products Company, Cleveland, Ohio. Heat control system. 2,161,679; June 6.
Kuenhold, Otto J., Shaker Heights, assignor to Monmouth Products Company, Cleveland, Ohio. Humidifying system. 2,166,414; July 18.
Kuenzi, Harold R., assignor of one-fourth to B. J. Husting and one-fourth to R. P. Pike, Mayville, Wis. Device for stringing wires. 2,155,053; Apr. 18.
Kuenzli, Walter A., Evansville, Ind., assignor to Servel, Ince., New York, N. Y. Refrigeration. 2,146,077; Feb. 7.
Kuenzli, Walter A., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigerator. 2,177,072; Oct. 24.
Kuester, John, and F. A. Beck, Menasha, Wis. Heating or cooling system. 2,152,699; Apr. 4.
Kuestermeier, Max, Chicago, Ill., assignor to W. J. Katzberg. Coupling. 2,158,757; May 16.
Kufner, František, Prague, Czechoslovakia. Pivot door plate. 2,143,704; Jan. 10.
Kugel, Frederick G., Bloomfield, N. J., assignor to The M. W. Kellogg Co., New York, N. Y. Pipe cutter. 2,146,959; Feb. 14.
Kugelman, Jack, Abington, and J. E. Garrett, Philadelphia, Pa.; said Garrett assignor to said Kugelman. Stocking and making same. 2,180,593; Nov. 21.
Kuhl, Paul E., Madison, N. J., assignor to Standard Oil Development Company. Catalyst regeneration. 2,162,893; June 20.
Kuhl, Paul E., Cranford, N. J., assignor to Standard Oil Development Company. Liquid level control. 2,176,741; Oct. 17.
Kuhlenbeck, Albert J., Richmond, and F. L. Manning, Lynn, Ind. Amplifier and tone regulator. 2,184,646; Dec. 26.
Kuhler, Otto, New York, N. Y. Adjustable seat. 2,153,763; Apr. 11.
Kuhlke, Otto J., Akron, Ohio. Making and covering articles. 2,166,568; July 18.
Kuhlman, Arthur L., Bay City, Mich. Receptacle. 2,175,472; Oct. 10.
Kuhlman, Carl H., assignor to The American Temperature Indicating Company, Toledo, Ohio. Temperature regulation. 2,158,628; May 16.
Kuhlman Electric Company. (See Fugill, A. P., and Corey, assignors.)
Kuhlman Electric Company. (See Pittman, L. V., and Weinheimer, assignors.)
Kuhlman Electric Company. (See Weinheimer, C. M., and Cardell, assignors.)
Kuhlman Electric Company. (See Weinheimer, C. M., Weaver, and Pittman, assignors.)
Kuhlman, Henry J., assignor to Kuhlman Manufacturing Company, Waterloo, Iowa. Corn harvester. 2,169,070; Aug. 8.
Kuhlman, Henry J., assignor to Kuhlman Manufacturing Company, Waterloo, Iowa. Corn harvester. 2,180,594; Nov. 21.
Kuhlman, Henry J., assignor to Kuhlman Manufacturing Company, Waterloo, Iowa. Corn harvester. 2,180,595; Nov. 21.
Kuhlman Manufacturing Company. (See Kuhlman, Henry J., assignor.)
Kuhlmann, Rudolf. (See Anderson, L. E., and Kuhlmann.)
Kuhmarker Waxed Paper Co. (See Warshaw, Julius J., assignor.)
Kuhn, Alfred R., Queens Village, assignor to Metropolitan Device Corporation, Brooklyn, N. Y. Connection block terminal. 2,150,099; Mar. 7.
Kuhn, Clarence W., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Thermally controlled switch. 2,158,288; May 16.
Kuhn, Clarence W., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controlling device. 2,158,824; May 16.
Kuhn, Clarence W., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Refrigerating apparatus. 2,174,037; Sept. 26.
Kuhn, Frank. (See Thomas, L. H., and Kuhn.)
Kuhn, Frank, Detroit, and L. H. Thomas, Birmingham, assignors to American Electrical Heater Company, Detroit, Mich. Soldering iron. 2,167,389; July 25.
Kuhn, Frank, Detroit, and L. H. Thomas, Birmingham, assignors to American Electrical Heater Company, Detroit, Mich. Insulator for electric heaters. 2,171,879; Sept. 5.
Kuhn, George, Takoma Park, Md., assignor to O. S. Wilkinson, Washington, D. C., L. A. Swem, New York, N. Y., and himself, as trustees. Washing and cleaning machine and method. 2,142,961; Jan. 3.
Kuhn, George, Takoma Park, Md. Apparatus for treating articles with fluid. 2,171,449; Aug. 29.
Kuhn, John W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Individual pneumatic suspension system. 2,180,876; Nov. 21.
Kuhn, Karl A., Greenfield, Mass., assignor to Greenfield Tap and Die Corporation, Greenfield, Mass. Tap wrench. 2,160,664; May 30.
Kuhn, Lawrence, Glidden, Tex. Pipe wrench. 2,163,842; June 27.
Kuhn, Richard M., et al. (See Jarineau, Alfred J., assignor.)
Kuhn, Richard, and C. Grundmann, Heidelberg, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Polyene carboxylic acids and esters and manufacture thereof. 2,175,843; Oct. 10.
Kuhn, Wayne E., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Cracking hydrocarbon oils. 2,160,875; June 6.
Kuhn, Wayne E., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils and gases. 2,164,293; June 27.
Kuhn, Wayne E., Jackson Heights, assignor to The Texas Company, New York, N. Y. Treatment of hydrocarbons. 2,178,838; Nov. 7.
Kuhnast, Oswald, Horn, near Roermond, Netherlands. Two-stroke internal combustion engine. 2,145,626; Jan. 31.
Kuhne, Ferdinand, Bronx, N. Y., and E. Marks, West New York, and P. M. Waldmann, Hoboken, N. J. Metal weather stripping for steel casement windows and doors. 2,176,555; Oct. 17.
Kühne, Konrad. (See König, A., and Kühne.)
Kuhner, Max H., assignor to Riley Stoker Corporation, Worcester, Mass. Steam generator. 2,158,508; May 16.
Kuhner, Max H., assignor to Riley Stoker Corporation, Worcester, Mass. Steam generating and superheating apparatus. 2,158,509; May 16.
Kuhner, Max H., assignor to Riley Stoker Corporation, Worcester, Mass. Furnace wall. 2,172,766; Sept. 12.
Kuhnle, Frederick C., assignor to American Brass Novelty Company, Grand Haven, Mich. Annealing apparatus. 2,182,294; Dec. 5.

Kühnle, Fritz, Gotha, Germany, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing addition products of alkali metal perborates and urea. 2,155,717; Apr. 25.
Kuhns, Austin, assignor to Farrel-Birmingham Company, Incorporated, Buffalo, N. Y. Power transmission gearing assembly. 2,148,564; Feb. 28.
Kuhns, Austin, assignor to Farrel-Birmingham Company, Incorporated, Buffalo, N. Y. Hydraulic clutch assembly. 2,156,785; May 2.
Kuhns, Austin, and E. R. Gasser, assignors to Farrel-Birmingham Company Incorporated, Buffalo, N. Y. Flexible coupling. 2,172,662; Sept. 12.
Kuhsel, Joseph A., Altona, Germany. Convertible excavator. 2,153,719; Apr. 11.
Kuiper, Cornelis, Zetten, assignor to J. Iddink, Ede, Netherlands. Appliance for use in the teaching of arithmetic. 2,150,508; Mar. 14.
Kuiper, Gerhard C. R., assignor to The Midland Steel Products Company, Cleveland, Ohio. Vehicle brake. 2,154,171; Apr. 11.
Kukula, Frank, Chicago, Ill. Door check. 2,157,342; May 9.
Kukula, Rudolf, assignor of one-half to E. Moster, Vienna, Austria. Heel for shoes. 2,147,904; Feb. 21.
Kuiper, Gerhard C. R., assignor to The Midland Steel Products Company, Cleveland, Ohio. Brake. 2,174,921; Oct. 3.
Kuiper, Gerhard C. R., assignor to The Midland Steel Products Company, Cleveland, Ohio. Vehicle frame. 2,174,922; Oct. 3.
Kükenthal, Hans. (See Herzig, P., and Kükenthal.)
Kulhanek, Jerry J., Hempstead, Tex. Box cover retainer. 2,175,124; Oct. 3.
Kull, Walter A. (See Phelps, A. W., and Kull.)
Kullander, Albert E. (See Curl, Fred H., assignor.)
Kullmer, Frank, assignor to Soule Steel Company, San Francisco, Calif. Structural member. 2,154,944; Apr. 18.
Kulow, John H., Buffalo, N. Y. Calendar device. 2,160,104; May 30.
Kulp, Harry W. (See Noros, G. C., and Kulp.)
Kulp, Harry W., assignor to K-D Manufacturing Company, Lancaster, Pa. Sawing machine. 2,162,848; June 20.
Kulp, Harry W., assignor to K-D Manufacturing Company, Lancaster, Pa. Valve unit or valve guide puller. 2,167,897; Aug. 1.
Kulp, Harry W., and M. C. Dellinger, assignors to K-D. Manufacturing Company, Lancaster, Pa. Breaker point grinder. 2,148,627; Feb. 28.
Kumetat, Karl, Wolfen, Bitterfeld, and S. Gassner, Leverkusen, near Cologne, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Taurides. 2,163,146; June 20.
Kummerlander, Charles G., Chicago, Ill. Extracting means. 2,178,207; Oct. 31.
Kummer, Hermann. (See Gaidies, G., Krefft, and Kummer.)
Kumutat, Fritz, New York, N. Y. Window platform. 2,148,239; Feb. 21.
Kuna, Josef, Prague, Czechoslovakia. Sliding clasp fastener. 2,157,828; May 9.
Kundert, Herman, Lima, Ohio. Closure for coal cars. 2,167,306; July 25.
Kuner, William, assignor of one-half to E. P. Larsh, Vandalia, Ohio. Vehicle frame. 2,156,730; May 2.
Kuniansky, Max, Lynchburg, Va. Making cast iron. 2,174,519; Oct. 3.
Kuniansky, Max, Lynchburg, Va. Making cast iron. 2,174,520; Oct. 3.
Kuniholm, Carl H., assignor to Kuniholm Manufacturing Company, Gardner, Mass. Baby carriage running gear. 2,155,277; Apr. 18.
Kuniholm Manufacturing Company. (See Kuniholm, Carl H., assignor.)
Kunkle, George C. T., Lancaster, Pa. Antiskid chain. 2,176,631; Oct. 17.
Kunkle, Jacob, Wilson, Kans. Cowtail holder. 2,142,400; Jan. 3.
Kunowich, Adam P., Decatur, Ind. Automatic igniter. 2,150,687; Mar. 14.
Kunstdunger-Patent-Verwertungs-Aktiengesellschaft. (See Larsson, Markus, assignor.)
Kuntke, Alfred. (See Bouwers, A., and Kuntke.)
Kuntz, Baldwin, Juneau, Wis. Gear shifting attachment. 2,154,513; Apr. 18.
Kuntz, Frank A., Woodhaven, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone booth. 2,155,495; Apr. 25.
Kunz, Alfonz, Fuzfo, Hungary. Fire extinguisher. 2,149,446; Mar. 7.
Kunz, Alfons, Fuzfo, assignor to Nitrokémia Ipartelepek Részvénytarsaság, Budapest, Hungary. Preparation of gunpowder by means of an acetone and alcohol solvent mixture. 2,153,331; Apr. 4.
Kunze, Alfred. (See Runge, W., and Kunze.)
Kunze, Karolus E., Jamaica, N. Y., and T. L. Soo-Hoo, Quincy, Mass. Aircraft instrument. 2,181,815; Nov. 28.
Kunze, Wilhelm. (See Manz, G., Zerweck, and Kunze.)
Kunze, Wilhelm. (See Zerweck, W., and Kunze.)
Kunze, Willy, Bremen, Germany, assignor to Submarine Signal Company, Boston, Mass. Electrical compensator. 2,147,657; Feb. 21.
Kunze, Willy, assignor to Atlas Werke Aktiengesellschaft, Bremen, Germany. Projecting means for submarine signaling apparatus. 2,166,162; July 18.
Kunzmann, Otto, Brooklyn, N. Y. Knitting needle. 2,146,079; Feb. 7.
Kupetz, Adolph G., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,152,892; Apr. 4.
Kupfer-Asbest-Co. Gustave Bach. (See Augustin, Gustav, assignor.)
Küpfmüller, Karl, Berlin-Charlottenburg, assignor to Fides Gesellschaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung, Berlin, Germany. Receiver for frequency-modulated waves. 2,170,202; Aug. 22.
Kupis, Stanley, Oakland, Calif. Wrench. 2,163,283; June 20.
Küppenbender, Heinz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Roll-film camera. 2,147,259; Feb. 14.
Küppenbender, Heinz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic focal plane shutter. 2,149,094; Feb. 28.
Kuppenbender, Heinz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Filter attaching means for photographic cameras. 2,150,626; Mar. 14.
Küppenbender, Heinz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Roll film camera. 2,168,263; Aug. 1.
Küppenbender, Heinz, and W. Winzenburg, assignors to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Weighing mechanism. 2,172,618; Sept. 12.
Kupperblatt, Harry, New York, N. Y. Convertible robe. 2,145,726; Jan. 31.
Kuppers, Herman J., Vero Beach, Fla. Frame building construction. 2,142,692; Jan. 3.
Kuppers Metallwerk Kom.-Ges. Bonn. (See Hagemann, Wilhelm, assignor.)
Kurkjian, Yervant H., Hawthorne, N. J., assignor to Julius Schmid, Inc., New York, N. Y. Injector. 2,183,482; Dec. 12.
Kurlan, Charles, Inc. (See Nathanson, P., and Hoffmann, assignors.)
Kurlash Company, The. (See Tuttle, W. R., and Stickel, assignors.)
Kurman, Nathan A., Woodside, N. Y. Earpiece. 2,156,632; May 2.
Kuroda, Sadayosi, Ganmiti-tyo, Nagoyasi, Japan. Rotary brush type converter with transformer. 2,145,627; Jan. 31.
Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,155,991; Apr. 25.
Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,171,703; Sept. 5.
Kurowski, Alfred G. F., Brooklyn, assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,184,746; Dec. 26.
Kurpiewski, Felix, Trenton, N. J., assignor to The K and R Manufacturing Company. Beverage cooling device. 2,145,487; Jan. 31.
Kurpiewski, Felix, Trenton, N. J., assignor to The K and R Manufacturing Company. Beverage cooling device. 2,162,260; June 13.
Kurspe, Clare S., Blenheim, Ontario, Canada. Golf club. 2,144,846; Jan. 24.
Kürsteiner, Ernst, Kjelsas, near Oslo, Norway. Machine for the winding of the electrical coils on a ring-formed dynamo core. 2,168,957; Aug. 8.
Kurth, Carl J. (See Hurter, H., and Kurth.)
Kurth, Edward H., deceased, Altadena, by G. A. Laing, special administrator, assignor, by mesne assignments, of one-third to M. Kurth, one-third to R. J. Kennedy, and one-third to J. T. Barkelew, Pasadena, Calif. Efficiency meter. 2,176,502; Oct. 17.
Kurth, Franz J., New York, N. Y. Air conditioning device. 2,160,549; May 30.
Kurth, Franz J., New York, N. Y., assignor to Anemostat Corporation of America. Fluid distributing and mixing device. 2,142,134; Jan. 3.
Kurth, Franz J., New York, N. Y., assignor to Anemostat Corporation of America. Air distributing device. 2,144,631; Jan. 24.
Kurth, Franz J., and F. Honerkamp, New York, N. Y., assignors to Anemostat Corporation of America. Air supply device. 2,153,576; Apr. 11.
Kurth, Matthew G., Madison, Wis. Making helical packing rings. 2,152,893; Apr. 4.
Kurth, Matthew G., Madison, Wis. Compound helical packing. 2,162,555; June 13.
Kurth, Myrtle, et al. (See Kurth, Edward H., assignor.)
Kurth, Walter, Grantwood, N. J. Closing structure. 2,182,051; Dec. 5.
Kürtössy, László, Berlin, Germany, assignor to Union Kupplung Aktiengesellschaft, Luxemburg, Luxemburg. Automatic buffer coupling. 2,150,330; Mar. 14.
Kurtzbein, Ehrhart J., St. Paul, Minn. Foam remover. 2,171,853; Sept. 5.
Kurtze, Newton R., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,181,513; Nov. 28.

Kurtzon, George B., Chicago, Ill., assignor to Garden City Plating & Mfg. Co., Inc. Adjustable locking device. 2,172,208; Sept. 5.
Kury, Philip J. (See Brewer, Charles A., assignor.)
Kurz, Fred, assignor to Sangamo Electric Company, Springfield, Ill. Meter construction. 2,183,617; Dec. 19.
Kurzina, Stanley B., Jr., Elmira, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Freewheeling drive. 2,181,242; Nov. 28.
Kusaka, Kazuji, and H. Ashida, assignors to Minami Manshu Tetsudo Kabushiki Kaisha (South Manchuria Railway Co.), Dairen, Manchukuo. Manufacturing iron by direct reduction. 2,156,263; May 2.
Kuschel, Konrad. (See von Radiis, G. R., Patzl, Kuschel, Klanner, and Zabransky.)
Kusel Dairy Equipment Co. (See Derleth, Clark, assignor.)
Kushima, James I., Ewa, Hawaii. Deck laying tool. 2,161,784; June 13.
Kushima, James I., Ewa, Hawaii. Oil dispensing container. 2,151,604; Mar. 21.
Kushima, James I., and R. K. Agena, Ewa, Hawaii. Dash control gear shift. 2,145,516; Jan. 31.
Kusman, George W., Poland, Ohio. Clothespin. 2,153,045; Apr. 4.
Kuss, Ernst, assignor of one-half to Duisburger Kupferhutte, Duisburg, and one-half to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of lead from substances containing lead. 2,142,274; Jan. 3.
Kuss, Ernst, K. Horalek, and O. Emert, assignors of one-half to Duisburger Kupferhütte, Duisburg, and one-half to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of copper salts. 2,161,825; June 13.
Kuss, Ernst, O. Emert, and A. Hake, assignors of one-half to Duisburger Kupferhuette, Duisburg, and one-half to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Regeneration of copper from cuprammonium artificial silk waste lyes. 2,162,176; June 13.
Kuss, Ernst, K. Horalek, and O. Emert, assignors of one-half to Duisburger Kupferhütte, Duisburg, and one-half to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of cupric oxychloride. 2,162,091; June 13.
Kuss, Ralph L., assignor to Farrell Manufacturing Company, Joliet, Ill. Tank construction. 2,146,960; Feb. 14.
Kuss, Ralph L., assignor to Farrell Manufacturing Company, Joliet, Ill. Tank construction. 2,176,306; Oct. 17.
Küster, Alfred. (See Eggert, J., and Küster.)
Kuster, Vivian E. (See Hewitt, J. C., Jr., and Kuster.)
Kuster, William F., Chicago, Ill. Shoe form. 2,144,381; Jan. 17.
Kutchka, Karl G., Wilkinsburg, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Furnace port construction. 2,152,808; Apr. 4.
Kutz, Walter M. (See Clark, F. M., and Kutz.)
Kuykendall, William C. (See Gauthey, L. A., and Kuykendall.)
Kuyper, Peter H., assignor to Rolscreen Company, Pella, Iowa. Venetian blind. 2,166,599; July 18.
Kuyper, Peter H., assignor to Rolscreen Company, Pella, Iowa. Venetian blind. 2,175,532; Oct. 10.
Kuyper, William W., Lynn, Mass., assignor to General Electric Company. Line drop compensator. 2,147,490; Feb. 14.
Kuyper, William W., Marblehead, Mass., assignor to General Electric Company. Electroresponsive circuits. 2,148,301; Feb. 21.
Kuzelka, William R., New York, N. Y. Liquid feeding system for airplanes and the like. 2,149,298; Mar. 7.
Kuzell, Charles R., Clarkdale, Ariz., assignor to Phelps Dodge Corporation, New York, N. Y. Metallurgy. 2,182,128; Dec. 5.
Kuzell, Charles R., Clarkdale, Ariz., assignor to Phelps Dodge Corporation, New York, N. Y. Metallurgy. 2,182,129; Dec. 5.
Kuzmick, Joseph N., Passaic, assignor, by mesne assignments, to Irvington Varnish & Insulator Co., Irvington, N. J. Composition of matter and making the same. 2,156,431; May 2.
Kvalnes, Donovan E. (See Hitch, E. F., and Kvalnes.)
Kvalnes, Donovan E. (See Hitch, E. F., Rossander, and Kvalnes.)
Kvalnes, Donovan E., Carneys Point, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes. 2,172,752; Sept. 12.
Kvalnes, Donovan E., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Disazo dyes for cellulose esters. 2,172,753; Sept. 12.
Kvasnička, Alfréd. (See Sochor, Z., Kvasnička, and Morch.)
Kvitsky, Joseph R., Westfield, Mass. Fishing lure. 2,154,756; Apr. 18.
Kyes, John F., West Boylston, assignor to Riley Stoker Corporation, Worcester, Mass. Valve. 2,154,945; Apr. 18.
Kyes, John F., West Boylston, and H. J. Hastedt, assignors to Riley Stoker Corporation, Worcester, Mass. Valve. 2,177,301; Oct. 24.
Kyle, Brudge, Beaumont, Tex. Gun sight. 2,148,272; Feb. 21.
Kyle, Dale H., Edgerton, Ohio. Backlash snubber. 2,144,984; Jan. 24.
Kyle, David H., Bryan, Ohio. Fishing apparatus. 2,170,476; Aug. 22.
Kyle, Samuel C., San Francisco, Calif., assignor to M. G. Mulvany. Fluid actuated power apparatus. 2,168,711; Aug. 8.
Kylin, Oscar, Cleveland Heights, assignor to Bardons & Oliver, Inc., Cleveland, Ohio. Chuck and bar feed. 2,146,583; Feb. 7.
Kylin, Oskar, Cleveland Heights, assignor to Bardons & Oliver, Inc., Cleveland, Ohio. Tap holder. 2,147,203; Feb. 14.
Kylin, Oskar, Cleveland Heights, assignor to Bardons & Oliver, Inc., Cleveland, Ohio. Brake and control therefor. 2,149,940; Mar. 7.
Kyprie, Prodromus M., Detroit, Mich. Method of and means for making dentures. 2,168,530; Aug. 8.
Kyriakides, Harry B., Iowa City, Iowa. Indexing mechanism. 2,158,188; May 16.
Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Esters of cyclic alcohol. 2,159,594; May 23.
Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Alkyl-substituted aromatic sulphonic acids. 2,161,173; June 6.
Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Alkyl-substituted aromatic sulphonic acids. 2,161,174; June 6.
Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Alkyl phenol and manufacturing same. 2,161,826; June 13.
Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Trichlor methyl aromatic carbinol ethers. 2,168.349; Aug. 8.
Kyrides, Lucas P., Webster Groves, Mo., assignor, by mesne assignments, to Monsanto Chemical Company. Hydroxy halogenated benzene derivatives and uses therefor. 2,171,494; Aug. 29.
Kyrides, Lucas P., Webster Groves, Mo., assignor, by mesne assignments, to Monsanto Chemical Company. Ethers of polyhydroxy halogenated phenols. 2,171,495; Aug. 29.
Kyrides, Lucas P., Webster Groves, assignor to Monsanto Chemical Company, St. Louis, Mo. Cellulosic ester composition. 2,180,281; Nov. 14.
Kyser, Bill N. (See McCline, B. A., and Kyser.)
Kyska, Peter, Chicago, Ill. Reinforcing plate for shoes. 2,145,658; Jan. 31.
Kysor, Karl D., Northville, Mich. Front wheel drive for automotive vehicles. 2,145,089; Jan. 24.
L. C. Engineering Supplies Limited. (See Galvin, Herbert D., assignor.)
L. G. S. Devices Corporation. (See Krick, A. E., and Starkey, assignors.)
L. N. S. Corporation. (See Goss, Harry T., assignor.)
L. T. Corporation. (See Tench, Frederick, assignor.)
Labbe, John T., Portland, Oreg. Load indicator for trucks. 2,181,277; Nov. 28.
Labbe, Roy J., Baltimore, Md. Broken axle grappler. 2,145,359; Jan. 31.
Labberton, John M. (See Wolfert, E. R., and Labberton.)
Labberton, John M., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Reversible refrigerating apparatus for heating and cooling. 2,148,415; Feb. 21.
Labberton, John M., Madison, N. C., and L. R. Smith, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,148,413; Feb. 21.
La Beaume, William W., Pasadena, Calif. Pipe cleaner. 2,175,199; Oct. 10.
La Belle, William. (See Lozier, Lewis H., assignor.)
Labin, Frank R., Buffalo, N. Y. Toy vehicle. 2,152,064; Mar. 28.
Labino, Dominick, Clarion, Pa., assignor to Owens-Illinois Glass Company. Gas analyzer. 2,174,923; Oct. 3.
La Boiteaux, Eugene M., Washington, D. C. Counter transfer and clearing mechanism. 2,171,477; Aug. 29.
Labombarde, Harold S., assignor to The International Paper Box Machine Company, Nashua, N. H. Printing mechanism. 2,154,757; Apr. 18.
Labombarde, Harold S., assignor to The International Paper Box Machine Company, Nashua, N. H. Machine for acting on blanks. 2,173,171; Sept. 19.
Labombarde, William C. (See Pearce, Lewis C., assignor.)
Laborda, Richard. (See Carreras, J., and Laborda.)
La Bounty, Eddie P., Hoopeston, Ill. Centrifugal can feeding means. Re. 21,188; Aug. 29.
La Bour, Harry E., Elkhart, Ind. Self-priming centrifugal pump. 2,166,358; July 18.
La Bour, Harry E., Elkhart, Ind. Separator for self-priming pumps or the like. 2,163,951; June 27.
La Bour, Harry E., Elkhart, Ind. Pump. 2,184,349; Dec. 26.
La Brecque, Theodore A., assignor to The Hilliard Corporation, Elmira, N. Y. Reclaiming apparatus. 2,159,994; May 30.
La Brecque, Theodore A., assignor to The Hilliard Corporation, Elmira, N. Y. Apparatus for treating oil. 2,161,964; June 13.

Labrie, Anthony, Haverhill, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for manufacturing shoes. 2,163,688; June 27.
Labrie, Anthony, Haverhill, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for manufacturing shoes. 2,163,689; June 27.
La Brie, Ludger E., assignor to Bendix Aviation Corporation, South Bend, Ind. Brake. 2,144,023; Jan. 17.
La Brie, Ludger E., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,144,024; Jan. 17.
La Brie, Ludger E., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,144,025; Jan. 17.
La Brie, Ludger E., assignor to Bendix Products Corporation, South Bend, Ind. Hydraulic brake operating means. 2,148,273; Feb. 21.
La Brie, Ludger E., assignor to Bendix Products Corporation, South Bend, Ind. Duplex master cylinder. 2,152,065; Mar. 28.
La Brie, Ludger E., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,152,066; Mar. 28.
La Brie, Ludger E., assignor to Bendix Products Corporation, South Bend, Ind. Master cylinder unit for brakes. 2,156,120; Apr. 25.
La Brie, Ludger E., assignor to Bendix Products Corporation, South Bend, Ind. Equalizing means for hydraulic brakes. 2,160,074; May 30.
La Brie, Ludger E., assignor to Bendix Products Corporation, South Bend, Ind. Master cylinder for hydraulic brakes. 2,160,075; May 30.
La Brie, Ludger E., Detroit, Mich., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,148,240; Feb. 21.
La Brie, Ludger E., Detroit, Mich., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,152,067; Mar. 28.
La Brie, Ludger E., Detroit, Mich., assignor to Bendix Brake Company, South Bend, Ind. Brake. 2,167,721; Aug. 1.
La Brie, Ludger E., Detroit, Mich., assignor to Bendix Products Corporation, South Bend, Ind Brake. 2,163,884; June 27.
Labruzzo, Jasper, Brooklyn, N. Y. Shampoo fixture. 2,163,755; June 27.
Lacey, Ernest G., East Kew, Victoria, Australia. Switching means. 2,166,498; July 18.
Lacey, Sumner E., Canton, Ill., assignor to International Harvester Company. Tool bar construction. 2,156,567; May 2.
La Chapelle, Euclid I., Brockton, Mass. Shoe insole. 2,165,494; July 11.
La Chapelle, Euclid I., Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for use in applying pressure to shoe bottoms. 2,167,806; Aug. 1.
La Chapelle, Euclid I., Brockton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for performing abrading operations on shoes or articles of like character. 2,177,025; Oct. 24.
La Chapelle, Euclid I., Brockton, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Method and apparatus for repairing shoes. 2,184,458; Dec. 26.
La Chapelle, Fred N., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making shoes. 2,142,238; Jan. 3.
La Chapelle, Fred N., and J. W. Ashley, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inserting machine. 2,161,827; June 13.
Lachman, Charles, assignor to S & W Fine Foods, Inc., San Francisco, Calif. Preparation of glacé fruit. 2,169,362; Aug. 15.
Lachman, Charles, assignor to S and W Fine Foods, Inc., San Francisco, Calif. Preparation of glacé fruit. 2,181,514; Nov. 28.
Lachman, Laurence S., Forest Hills, Long Island, N. Y. Fabricated metal panel. 2,148,698; Feb. 28.
Lachmann, Gustav V., Canons Park, assignor to Handley Page Limited, Cricklewood, Middlesex, England. Aircraft. 2,156,994; May 2.
Lacht, Julius, Los Angeles, Calif. Barbed wire handling device. 2,177,436; Oct. 24.
Lachter, Saul L., Maplewood, N. J. Spectacle case. 2,162,222; June 13.
Lack, Robert, Pomona, Calif. Tool. 2,164,825; July 4.
Lackenbach, Armand E. (See Rosenhauser, Charles G., assignor.)
Lacks, John P., assignor to Reynolds Wire Co., Dixon, Ill. Bobbin for wire weaving looms. 2,170,334; Aug. 22.
Laclede-Christy Clay Products Company. (See Burnet, Samuel F., assignor.)
Laclede-Christy Clay Products Company. (See McKelvey, J. H. and Rogers, assignors.)
Laclede-Christy Clay Products Company. (See Wuelker, Frank S., assignor.)
Laclede Steel Company. (See Friberg, Bengt F., assignor.)
Laclede Steel Company. (See Young, L., and Boyle, assignors.)
La Croix, George U., Waltham, Mass. Manifolding device. 2,163,990; June 27.
Lacy, Burritt S., Lewiston, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Metallurgical process. 2,162,619; June 13.
Lacy, Franklin R., Jr., assignor to Lacy Products Corp., Chicago, Ill. Electrically heated container. 2,159,876; May 23.
Lacy, Herman E., Chicago, Ill. Electrical self-heating cup. 2,142,852; Jan. 3.
Lacy Products Corp. (See Lacy, Franklin R., Jr., assignor.)
Ladd, Edward T., Lewiston Heights, N. Y. Method of and apparatus for transporting and handling materials. 2,143,273; Jan. 10.
Ladd, John W. B. (See Parker, M., and Ladd.)
Laddaga, Joseph, assignor of one-third to W. L. Morris, New York, N. Y. Fare protective shift gear lock for taxicabs. 2,167,260; July 25.
Laddon, Isaac M. (See Fleet, R. H., Wheatley, and Laddon.)
Laddon, Isaac M., San Diego, and H. K. Growald, Mission Beach, Calif., assignors to Consolidated Aircraft Corporation. Flap control mechanism. 2,1744,422; Sept. 26.
Lade, Frederick L., Vancouver, British Columbia, Canada. Heat conserving device. 2,143,354; Jan. 10.
Ladizinsky, Ivan A., Cleveland, Ohio. Permutation lock. 2,143,419; Jan. 10.
La Ducer, Arthur O., West Hartford, assignor to The Wiremold Company, Hartford, Conn. Multiple outlet strip. 2,156,633; May 2.
La Fave, Victor A., Rantoul, Ill. Transformer unit. 2,149,529; Mar. 7.
Lafferty, William H., Toledo, Ohio. Fuel pump. 2,146,398; Feb. 7.
Lafleche, Herménégilde, Casselman, Ontario, Canada. Transmission mechanism. 2,167,953; Aug. 1.
La Fonde, A. F., et al. (See Vote, Rex W., assignor.)
La Forest, Louis Z., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,154,048; Apr. 11.
La Forest, Louis Z. (See Jacobs, C. T., and La Forest.)
La Franca, Salvatore, New York, N. Y. Smoking pipe. 2,167,242; July 25.
La France, Donald S. (See Groll, H. P. A., Hearne, Burgin, and La France.)
La France Industries. (See Sudell, Frank, assignor.)
La France Jewelry Shop. (See Winkler, Nathan B., assignor.)
Laftman, Axel B. (See Booge, J. E., and Laftman.)
Lagaard, Alexander S. T., Minneapolis, Minn. Dough cutter. 2,159,726; May 23.
Lagaard, Alexander S. T., assignor to Dough-King, Inc., Minneapolis, Minn. Dough cutter. 2,158,463; May 16.
Lagaard, Alexander S. T., Minneapolis, assignor to Waldorf Paper Products Company, St. Paul, Minn. Carton. 2,162,556; June 13.
Lagaard, Alexander S. T., assignor to Dough-King, Inc., Minneapolis, Minn. Dough cutter. 2,162,557; June 13.
Lagaard, Alexander S. T., assignor to Dough-King, Inc., Minneapolis, Minn. Control device for doughnut machines. 2,162,558; June 13.
Lagaard, Alexander S. T., Minneapolis, assignor to Waldorf Paper Products Company, St. Paul, Minn. Garment hanger. 2,172,587; Sept. 12.
Lagaard, Alexander S. T., assignor to Dough-King, Inc., Minneapolis, Minn. Dough cutter. 2,178,261; Oct. 31.
Lagergren, Carl, Osterville, Mass. Grease gun adapter 2,178,966; Nov. 7.
Lagerholm, Carl J., Attleboro, assignor to Evans Case Company, North Attleboro, Mass. Receptacle. 2,173,970; Sept. 26.
Lagervall, Otto L., Manhasset, N. Y. Music stand. 2,172,085; Sept. 5.
Lagrange, Alfred, Woodside, Long Island, N. Y. Cake making device. 2,180,061; Nov. 14.
La Grenade, Stephen J., Cherry Creek, N. Y. Reciprocating grate assembly for self-feed magazine boilers. 2,183,457; Dec. 12.
La Grua, James C., New Haven, Conn., assignor, by mesne assignments, to president and directors of the Manhattan Company, New York, N. Y., as trustees. Container. 2,161,873; June 13.
La Gue, George G., Fowler, Ind. Combination float and fish lure. 2,181,458; Nov. 28.
La Hiff, John A., New York, N. Y. Typewriter. 2,156,697; May 2.
La Hodny, William, assignor to Standard Mirror Company, Inc., Buffalo, N. Y. Support. 2,150,173; Mar. 14.
La Hodny, William, Buffalo, N. Y. Rear view mirror. 2,157,613; May 9.
La Hodny, William, and P. Bertell, assignors to Standard Mirror Company, Buffalo, N. Y. Mirror. 2,166,303; July 18.
La Hodny, William. Buffalo, N. Y. Vanity mirror. 2,174,090; Sept. 26.
Laico, Joseph P., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Mounting for electron discharge devices. 2,160,478; May 30.
Lainau, Carl A. (See Hentrich, W., Lainau, and Kaiser.)
Laing, Graham A., special administrator. (See Kurth, Edward H.)

Laing, Richard R., Fairfield, Conn., assignor to Aluminum Company of America, Pittsburgh, Pa. Drying roll. 2,151,049; Mar. 21.

L' Air Liquide, Societe Anonyme pour l'Etude & l'Exploitation des Procedes Georges Claude. (See Soulary, Pierre, assignor.)

Lair, Walter B., Scotia, N. Y., assignor to General Electric Company. Lightly coated manganese steel electrode. 2,149,999; Mar. 7.

Lair, Walter B., Scotia, N. Y., assignor to General Electric Company. Welding electrode. 2,150,000; Mar. 7.

Laird, Joseph P., assignor to The Wicaco Machine Corporation, Philadelphia, Pa. Spindle for spinning machines. 2,147,204; Feb. 14.

Laird, Renfrew D., Brockton, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Shank piece and making the same. 2,151,977; Mar. 28.

Laird, Wilbur G., Pleasantville, N. Y. Constructional toy. 2,147,373; Feb. 14.

Laist, Frederick, assignor to Anaconda Copper Mining Company, New York, N. Y. Recovery of magnesium. 2,144,339; Jan. 17.

Lait, Myron. (See Legoff, H. M., and Lait.)

Laitman, George, Brooklyn, N. Y. Powder puff and making same. 2,169,258; Aug. 15.

La Jeunesse, Clifford L., Milwaukee, Wis. Dust disposal device for vacuum cleaners. 2,171,754; Sept. 5.

Lajta, Dr. Mór. (See Nekolny, Kurt, assignor.)

Lakatos, Emory, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromechanical transducer. 2,160,876; June 6.

Lakatos, Emory, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnetostrictive device. 2,166,359; July 18.

Lakatos, Emory, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromechanical system. 2,167,078; July 25.

Lakatos, Emory, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,179,640; Nov. 14.

Lake, Clair D., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Perforating machine. Re. 21,133; June 27.

Lake, Clair D., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Rate extension punch. 2,168,414; Aug. 8.

Lake, Clair D., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Indicator for perforating machines. 2,174,702; Oct. 3.

Lake, Clair D., Binghamton, and W. Pfaff, Union Center, assignors to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,150,227; Mar. 14.

Lake, Elsmore D., Oakland, Calif. Producing printing plates. 2,168,444; Aug. 8.

Lake, Francis W., and J. H. Wallace, Jr., Whittier, assignors, by mesne assignments, to Technical Oil Tool Corporation, Ltd., Los Angeles, Calif. Drift recorder. 2,166,472; July 18.

Lake, Harry E., Flushing, N. Y., assignor to Barber-Colman Company, Rockford, Ill. System of control for burners. 2,157,720; May 9.

Lake, Rex, et al. (See Sleeper, Ned M., assignor.)

Lakeland Foundation. (See Gruskin, Benjamin, assignor.)

Lakenbach, Daniel, Norwich, Conn. Permanent waving device. 2,168,219; Aug. 1.

Lakenbach, Daniel, Norwich, Conn. Permanent waving device. 2,182,636; Dec. 5.

Lakin, Harry W., Boston, Mass. Garter. 2,169,259; Aug. 15.

Lakin, John W., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Electrical coincidental door locking system for an automotive vehicle. 2,184,350; Dec. 26.

Lakin, Theron B., La Salle, Ill. Sign and making same. 2,156,634; May. 2.

Lakso, Eino E. (See Vogt, C. W., and Lakso.)

Lakso, Eino E., Fitchburg, Mass, assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Laminated sheet material and articles made therefrom. 2,177,894; Oct. 31.

La Lande, William A., Jr., Upper Darby, Pa. Selenium-containing catalyst. 2,161,066; June 6.

Lalor, Fred S., Eagle Grove, and E. Allen, Clarion, Iowa. Safety crossing device. 2,163,980; June 27.

La Maida, Thomas, University Heights, Ohio. Suspensory garment. 2,166,010; July 11.

La Maida, Thomas, University Heights, Ohio. Detachable garment collar. 2,166,011; July 11.

La Maida, Thomas, University Heights, Ohio. Garment. 2,166,012; July 11.

La Mar, Frank C. (See Dodge, Lyman E., assignor.)

Lamarthe, Alfred E., Paris, France, assignor to Fa-Cile Fastener Corporation, New York, N. Y. Closing device for receptacles. 2,142,904; Jan. 3.

Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Relay system. 2,154,854; Apr. 18.

Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Controller. 2,158,464; May 16.

Lamb, Anthony H., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Relay system. 2,178,479; Oct. 31.

Lamb, Charles, et al. (See Dyer, Zeb A., assignor.)

Lamb, Charles, et al. (See Robinson, Slayden R., assignor.)

Lamb, Daniel L., Wakefield, Nebr. Grease reservoir. 2,177,776; Oct. 31.

Lamb, Francis X., East Orange, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Synchronizing apparatus. 2,146,632; Feb. 7.

Lamb, Francis X., East Orange, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Electrical measuring instrument. 2,150,836; Mar. 14.

Lamb, Francis X., East Orange, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Electrical resistance. 2,154,685; Apr. 18.

Lamb, Francis X., East Orange, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Maximum demand indicator. 2,171,183; Aug. 29.

Lamb, Frank H., Hoquiam, Wash. Tractor. 2,157,711; May 9.

Lamb, George E., and G. W. Anderson, Hoquiam, Wash. Conveyer. 2,176,307; Oct. 17.

Lamb, Harold T. (See Watson, J., and Lamb.)

Lamb, Howard S., assignor to The Cold Metal Process Company, Youngstown, Ohio. Brake. 2,152,489; Mar. 28.

Lamb, Howard S., assignor to The Cold Metal Process Company, Youngstown, Ohio. Gauging device and screw-down control. 2,154,946; Apr. 18.

Lamb, James J., West Hartford, Conn., assignor to Radio Corporation of America, New York, N. Y. Oscillation generator. 2,146,961; Feb. 14.

Lamb, James J., West Hartford, Cann., assignor to Radio Corporation of America. Variable band-pass filter circuits. 2,156,786; May 2.

Lamb, Luther F., Dallas, Tex. Packer. 2,150,228; Mar. 14.

Lamb, Newton, Saginaw, assignor to The Dow Chemical Company, Midland, Mich. Preparation of leuco-indigo. 2,159,930; May 23.

Lamb, Roy A. (See Crickmer, C. S., and Lamb.)

Lamb, Tom, Company. (See Eichel, Frank A., assignor.)

Lambach, Fritz, Belleville, N. J., assignor to Robert Reiner, Incorporated. Knitting machine. 2,182,493; Dec. 5.

Lambach, Fritz, Belleville, assignor to American Textile Engineering Inc., Kearny, N. J. Safety device. 2,169,260; Aug. 15.

Lambeek, Adriaan J. J. (See de Lange, C., and Lambeek.)

Lambeek, Adriaan J. J. (See Kipperman, J., and Lambeek.)

Lambert, Archie F., Bellingham, Wash. Cigarette dispenser. 2,159,356; May 23.

Lambert, Byron J., Iowa City, Iowa. Grandstand construction. 2,180,986; Nov. 21.

Lambert, Charles F., assignor to Clayton & Lambert Manufacturing Company, Detroit, Mich. Bomb tail. 2,184,145; Dec. 19.

Lambert, Charles L., Chicago, Ill. Joist structure. 2,162,559; June 13.

Lambert, Harry, Methuen, assignor to Pacific Mills, Lawrence, Mass. Drafting frame. 2,177,929; Oct. 31.

Lambert, Harry E., Berwyn, assignor to Ideal Roller & Manufacturing Company, Chicago, Ill. Apparatus for sectioning of inking rollers. 2,150,174; Mar. 14.

Lambert, Henry C., and S. E. Garnsey, assignors to The De Vilbiss Company, Toledo, Ohio. Method and apparatus for cleaning air. 2,171,574; Sept. 5.

Lambert, Homer T., St. Joseph, Mich. Brake construction. 2,161,359; June 6.

Lambert, Homer T., St. Joseph, Mich. Brake mechanism. 28,161,360; June 6.

Lambert, Homer T., St. Joseph, Mich. Volumetric control master cylinder. 2,166,742; July 18.

Lambert, Howard J., and E. R. Merifield, Los Angeles, Calif., assignor to said H. J. Lambert. Orchard heater. 2,165,279; July 11.

Lambert, Maude M., administratrix. (See Earll, Charles I.)

Lambert, Raymond H. (See Sheppard, S. E., and Lambert.)

Lambert, Richard A., Tacoma, Wash. Water trap for gasoline pipe lines, etc., and for all storage tanks and tank cars. 2,170,247; Aug. 22.

Lambert, Robert D., assignor to American Radiator Company, New York, N. Y. Air conditioning apparatus. 2,159,030; May 23.

Lambert, Roger, Lavallois-Perret, assignor to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Method and apparatus for the manufacture of cellular glass. 2,143,951; Jan. 17.

Lamberton, Ralph E., Michigan City, Ind., assignor to Sullivan Machinery Company. Air compressor. 2,161,828; June 13.

Lambright, Ralph P., Canton, Ohio. Forming and finishing tool. 2,181,137; Nov. 28.

Lamer, Louis, Ramsey, N. J. Window pane holding device and the like. 2,183,683; Dec. 19.

La Mere, Frank J., Minneapolis, Minn. Electric stove or the like. 2,155,425; Apr. 25.

Lamere, Joel J., Wollaston, and F. A. Perry, Malden, assignors, by mesne assignments, to General Seafoods Corporation, Boston, Mass. Slicing machine. 2,173,336; Sept. 19.

Lamica, Clement G., assignor to H. E. Drake, Newark, N. J. Combination amustment and advertising device. 2,157,266; May 9.
L'Amie, Francis A., Seattle, Wash., assignor of one-half to P. Platt, Chicago, Ill. Fastener slide. 2,176,445; Oct. 17.
Laminated Metals Corporation. (See Sawyer, E. W., and Gibbs, assignors.)
Lamkin, Elver B., Chicago, Ill. Golf club grip. 2,177,143; Oct. 24.
Lamkin, William L., Porterville, Calif. Portable heater. 2,165,390; July 11.
Lamm, Albert J., Fremont, Nebr. Air conditioner. 2,178,176; Oct. 31.
Lamm, Uno, Ludvika, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Suppressing disturbances in ionic valves by grid control. 2,158,289; May 16.
Lamm, Uno, and H. Forssell, Ludvika, assignor to Allmanna Svenska Elektriska Aktiebolaget Vasteras, Sweden. Furnace for treating materials at high temperatures. 2,149,447; Mar. 7.
Lammedee, John M. (See Wilson, L. F., and Lammedee.)
La Mont Corporation. (See Peters, Heinrich, assignor.)
La Mont Corporation. (See Vorkauf, Heinrich, assignor.)
La Mont Corporation. (See Zwilling, Theodor, assignor.)
La Monte, George, & Son. (See Bassford, Ethan F., assignor.)
La Monte, George, & Son. (See Simons, Francis L., assignor.)
Lamp, Wilbert H., near Davenport, Iowa. Baling machine. 2,179,937; Nov. 14.
Lampel, Erich, Niedersedlitz, (Sachsen), Germany, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Screw and nut device. 2,149,848; Mar. 7.
Lampen-und Metallwaren-fabrieken R. Ditmar Gebruder Brunner A. G. (See Fränkel, Leo, assignor.)
Lampert, David. (See Holtzman, John, assignor.)
Lamping, Robert H., Cincinnati, Ohio, assignor, by mesne assignments, to Kentucky Chemical Industries, Inc., Antiknock gasoline. 2,149,221; Feb. 28.
Lampl, Walter, New York, N. Y. Compact. 2,148,077; Feb. 21.
Lamprey, Headlee, Buffalo, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Noncorrosive antifreeze liquid. 2,147,409; Feb. 14.
Lamprey, Headlee, Kenmore, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Noncorrosive alcohol antifreeze liquid. 2,153,961; Apr. 11.
Lamprey, Headlee, Buffalo, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Noncorrosive antifreeze liquid. 2,173,689; Sept. 19.
Lampton, Glen T., assignor to Aviation Manufacturing Corporation, Williamsport, Pa. Propeller blade. 2,170,865; Aug. 29.
Lampton, Glen T., Williamsport, Pa., assignor to Aviation Manufacturing Corporation, Chicago, Ill. Manufacture of propellers. 2,174,792; Oct. 3.
Lampton, Glen T., and P. F. Hackethal, assignors to Aviation Manufacturing Corporation, Williamsport, Pa. Controllable pitch propeller. 2,176,556; Oct. 17.
Lamson Company, The. (See Gerard, F. W., and Collins, assignors.)
Lamson Company, The. (See Jennings, C. S., and Gerard, assignors.)
Lamson Company, The. (See Klyver, Albert N., assignor.)
Lamson Company, The. (See Regan, John E., assignor.)
Lamson Company, The. (See Taylor, William J., assignor.)
Lamson Company, The. (See Taylor, William J., and R. J., assignors.)
Lamson Company, The. (See Taylor, W. J., Boudreau, and Cote, assignors.)
Lamson & Sessions Company, The. (See Smith, Alexander M., assignor.)
Lamson & Sessions Company, The. (See Werner, Edward H., assignor.)
Lamson & Sessions Company, The. (See Upson, Ralph H., assignor.)
Lamtex Equipment Corporation. (See Cox, William F., assignor.)
Lancaster, George W., Louisville, Ky. Threadless detachable button for garments. 2,174,521; Oct. 3.
Lancaster, Jackson G., Farmville, Va. Propelled and dirigible fish bait or lure. 2,169,698; Aug. 15.
Lancaster, Jeter M., High Point, N. C. Furniture clamp. 2,148,208; Feb. 21.
Lancaster, Jeter M., High Point, N. C. Frame pressing machine. 2,182,154; Dec. 5.
Lancaster, John T., Newtonville, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel attaching machine. 2,151,038; Mar. 21.
Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel. 2,151,978; Mar. 28.
Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for applying pressure to shoe bottoms. 2,159,031; May 23.
Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacturing shoes. 2,173,971; Sept. 26.
Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 2,175,200; Oct. 10.
Lancaster, John T., Newton, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Fastening-supplying apparatus. 2,181,139; Nov. 28.
Lancaster Processes Inc. (See Robinson, Thomas, assignor.)
Lancelot, Ralph, Pittsburgh, Pa. Illuminated advertising display. 2,170,641; Aug. 22.
Land, Charles H. (See Wilson, W. H., and Land.)
Land, Edwin H., Wellesley Farms, Mass., assignor, by mesne assignments, to Polaroid Corporation, Dover, Del. Display device. 2,146,962; Feb. 14.
Land, Edwin H., Wellesley Farms, Mass., assignor, by mesne asignments, to Polaroid Corporation, Dover, Del. Display device employing polarized light. 2,158,129; May 16.
Land, Edwin H., Wellesley Farms, Mass., assignor, by mesne assignments, to Polaroid Corporation, Dover, Del. Light-polarizing body. 2,165,973; July 11.
Land, Edwin H., Wellesley Farms, Mass., assignor, by mesne assignments, to Polaroid Corporation, Dover, Del. Display device employing polarized light. 2,165,974; July 11.
Land, Edwin H., Wellesley Farms, Mass., assignor, by mesne assignments, to Polaroid Corporation, Dover, Del. Laminated light polarizer. 2,168,220; Aug. 1.
Land, Edwin H., Wellesley Farms, Mass., assignor, by mesne assignments, to Polaroid Corporation, Dover, Del. Laminated light polarizer. 2,168,221; Aug. 1.
Land, Edwin H., Wellesley Farms, Mass., assignor, by mesne assignments, to Polaroid Corporation, Dover, Del. Strain tester. 2,174,269; Sept. 26.
Land, Edwin H., Wellesley Farms, Mass., assignor, by mesne assignments, to Polaroid Corporation, Dover, Del. Display device employing polarized light. 2,174,270; Sept. 26.
Land, Edwin H., Wellesley Farms, Mass., assignor, by mesne assignments, to Polaroid Corporation, Dover, Del. Translucent screen. 2,180,113; Nov. 14.
Land, Edwin H., Wellesley Farms, Mass., assignor, by mesne assignments, to Polaroid Corporation, Dover, Del. Optical system employing polarized light. 2,180,114; Nov. 14.
Land, Edwin H., Boston, Mass., assignor, by mesne assignments, to Polaroid Corporation, Dover, Del. Light polarizer. 2,158,130; May 16.
Land, Edwin H., Boston, Mass., assignor, by mesne assignments, to Polaroid Corporation, Dover, Del. Suspension of light-polarizing particles and making same. 2,178,996; Nov. 7.
Land, Edwin H., Boston, Mass., assignor, by mesne assignments, to Polaroid Corporation, Dover, Del. Illumination system for automotive vehicles employing polarized light. 2,185,000; Dec. 26.
Land, Edwin H., Boston, and H. G. Rogers, West Newton, Mass., assignors to Polaroid Corporation, Dover, Del. Light polarizer. 2,173,304; Sept. 19.
Land, Edwin H., Wellesley Farms, and M. Grabau, Cambridge, Mass., assignors, by mesne assignments, to Polaroid Corporation, Dover, Del. Light filter. 2,184,999; Dec. 26.
Landauer, Kurt, London, England. Stand for holding match packages. 2,155,096; Apr. 18.
Landberg, George, New York, N. Y. Purse mounting for handbags. 2,182,563; Dec. 5.
Landeen, Bernard N., assignor to The Translode Joint Company, Chicago Heights, Ill. Traffic lane divider. 2,145,936; Feb. 7.
Landell, Stanford, Detroit, Mich., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Diaphragm construction. 2,168,995; Aug. 8.
Landenberger, Henry W., assignor to American Engineering Company, Philadelphia, Pa. Hydraulic control mechanism. 2,145,547; Jan. 31.
Landenberger, Henry W., assignor to American Engineering Company, Philadelphia, Pa. Pump or motor. 2,149,143; Feb. 28.
Landenberger, Henry W., assignor to American Engineering Company, Philadelphia, Pa. Apparatus for feeding materials. 2,178,396; Oct. 31.
Lander, Charles E., et al. (See Baker, Harvie E., assignor.)
Lander, Louis, assignor to North American Electric Lamp Company, St. Louis, Mo. Electric light mounting. 2,156,787; May 2.
Landers Frary & Clark. (See Anderson, Oscar M., assignor.)
Landers, Frary & Clark. (See Anderson, O. M., and Almquist, assignors.)
Landers, Frary & Clark. (See Twigg, Ernest, assignor.)
Landes, Maurice R., Philadelphia, Pa. Lamp and desk pad. 2,150,978; Mar. 21.
Landgraf, Frederick K. (See Kilborn, W. T., and Landgraf.)
Landgreen, Lowell V., Hendley, Nebr. Wheel. 2,182,946; Dec. 12.
Landis, Bess S. (See Landis, Hugh G., assignor.)
Landis, Daniel O., Upper Darby, Pa., assignor to Radio Corporation of America. Mount for sound reproducing optical systems. 2,164,747; July 4.

Landis, Daniel O., Upper Darby, Pa., assignor to Radio Corporation of America. Pressure roll for sound film apparatus. 2,168,572; Aug. 8.
Landis, George A., Hoquiam, Wash. Dental floss holder. 2,146,375; Feb. 7.
Landis, George G., and N. J. Hoenie, assignors to The Lincoln Electric Company, Cleveland, Ohio. Dynamo-electric machine control. 2,150,071; Mar. 7.
Landis & Gyr, A.-G. (See Amsler, Robert, assignor.)
Landis & Gyr, A.-G. (See Beusch, W., and Zingg, assignors.)
Landis Gyr, A-G. (See Dietrich, T., and Borel, assignors.)
Landis & Gyr, A.-G. (See Huber, Ernst, assignor.)
Landis & Gyr, A.-G. (See Pudelko, R., and Tobler, assignors.)
Landis & Gyr, A-G. (See Spahn, Emil, assignor.)
Landis & Gyr, A-G. (See Wermeille, Henri, assignor.)
Landis, Harve, Walters, Okla. Coupling pin. 2,158,941; May 16.
Landis, Howard E., Detroit, Mich. Locking device. 2,162,849; June 20.
Landis, Hugh G., Los Angeles, Calif., assignor to B. S. Landis. Gas heating apparatus. 2,181,138; Nov. 28.
Landis, Leland K., et al. (See Elsom, James D., assignor.)
Landis Machine Company. (See Dunford, Ernest, assignor.)
Landis Machine Company. (See Mathias, S. W., and Hollengreen, assignors.)
Landis Machine Company. (See Reimschissel, Charles A., assignor.)
Landis Machine Company. (See Wolf, Eugene G., assignor.)
Landis, Rankin D., Culpeper, Va. Device for serving subscribers with newspapers. 2,156,858; May 2.
Landis, Ritchey E. (See Ives, Clifford E., assignor.)
Landis Tool Company. (See Balsiger, Harold E., assignor.)
Landis Tool Company. (See Gurney, D., and Ott, assignors.)
Landis Tool Company. (See Miner, Harry H., assignor.)
Landis Tool Company. (See Ott, Conrad L., assignor.)
Landis Tool Company. (See Price, R. E., Balsiger, and Ott, assignors.)
Landis Tool Company. (See Price, Ralph E., assignor.)
Landmeier, Edwin W., assignor to The Wadsworth Electric Manufacturing Company, Covington, Ky. Solderless lug. 2,173,206; Sept. 19.
Landolt, Albert. (See Widmer, G., Haller, Landolt, and Schürch.)
Landolt, Albert, Riehen, and G. Widmer and H. Benz, Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Matting process. 2,143,326; Jan. 10.
Landolt, Albert, Riehen, G. Widmer, and H. Benz, assignors to firm Society of Chemical Industry in Basle, Basel, Switzerland. Matting textiles. 2,145,011; Jan. 24.
Landon, George K., assignor to Hercules Powder Company, Wilmington, Del. Nitrating methane. 2,161,475; June 6.
Landon, George K., assignor to Hercules Powder Company, Wilmintgon, Del. Nitrating methane. 2,164,774; July 4.
Landon, Vernon D. (See Carlson, W. L., and Landon.)
Landon, Vernon D., Haddonfield, N. J., assignor to Radio Corporation of America. All wave distribution system. 2,145,548; Jan. 31.
Landon, Vernon D., Haddonfield, N. J., assignor to Radio Corporation of America. Band pass filter. 2,167,079; July 25.
Landon, Vernon D., Haddonfield, N. J., assignor to Radio Corporation of America. High frequency amplifier. 2,173,232; Sept. 19.
Landon, Vernon D., Collingswood, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Antenna system. 2,147,168; Feb. 14.
Landon, Vernon D., Collingswood, N. J., assignor to Radio Corporation of America. Reduction of noise. 2,151,778; Mar. 28.
Landon, Walter S. (See von Wangenheim, A., and Landon.)
Landon, Walter S., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,183,854; Dec. 19.
Landon, Walter S., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,178,839; Nov. 7.
Landreth, Morton L., Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Coin controlled apparatus. 2,159,215; May 23.
Landrey, Ralph A., Muncie, Ind. Mower. 2,146,399; Feb. 7.
Landrieu, Max, Paris, assignor to Société Anonyme d'Escaut & Meuse, Anzin, France. Tube rolling mill. 2,160,742; May 30.
Landrock, Paul, Rochester, N. Y., assignor to Photostat Corporation, Providence, R. I. Magazine construction for copying cameras. 2,142,853; Jan. 3.
Landrum, Floyd R., Dallas, Tex. Electrically operated parking meter. 2,150,509; Mar. 14.
Landrum, Porter, Birmingham, Ala. Power transmission. 2,175,473; Oct. 10.
Landund Forstwirtschaft-liche Betriebsgesellschaft m. b. H., et al. (See Neesen, O., and Siess, assignors.)
Landwehr, Richard F. (See Kasdan, N., and Landwehr.)
Landy, Arney, Deer River, Minn. Tool. 2,176,404; Oct. 17.
Lane, Abbott A., O'Hara Township, Allegheny County, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Butt welding metal sheets, pipes, or tubes and the like. 2,146,901; Feb. 14.
Lane, Clifford J., assignor to Eclipse Aviation Corporation, East Orange, N. J. Fluid pump. 2,142,275; Jan. 3.
Lane Company, The. (See Lofting, Grady A. and L. K., assignors.)
Lane, David O., Fort Valley, Ga. Apparatus and process of packaging fruit. 2,183,888; Dec. 19.
Lane, Francis and J. S., Brierley Hill, England. Hydraulic rotary joint for pipes or the like. 2,176,532; Oct. 17.
Lane, Fred O., assignor to Gates Manufacturing Company, Indianapolis, Ind. Attaching button. 2,155,496; Apr. 25.
Lane, Fred O., assignor to Gates Manufacturing Company, Indianapolis, Ind. Flat seam. 2,164,036; June 27.
Lane, Gerould T., and W. Butterfield, assignors to Eastman Kodak Company, Rochester, N. Y. Apparatus for making paper. 2,168,996; Aug. 8.
Lane, Guy M., assignor to Motor Products Corporation, Detroit, Mich. Ventilating window construction. 2,144,539; Jan. 17.
Lane, Guy M., assignor to Motor Products Corporation, Detroit, Mich. Window assembly for vehicle bodies. 2,145,659; Jan. 31.
Lane, Guy M., assignor to Motor Products Corporation, Detroit, Mich. Ventilating window construction. 2,183,684; Dec. 19.
Lane, Harold. (See Barker, W. A., and Lane.)
Lane, Harold, and W. N. Bray, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inserting machine. 2,160,877; June 6.
Lane, James, San Anselmo, Calif. Direction indicator for automobiles. 2,179,639; Nov. 14.
Lane, John D., Boston, Mass. Paper drinking cup. 2,154,003; Apr. 11.
Lane, John D., Boston, Mass. Package of gummed bands or stickers. 2,170,147; Aug. 22.
Lane, John D., Boston, assignor to Ralph H. Wilbur, Melrose, Mass. Method of and machine for making tie bands. 2,144,263; Jan. 17.
Lane, John D., Boston, assignor to R. H. Wilbur, Melrose, Mass. Tie band. 2,173,972; Sept. 26.
Lane, John S. (See Lane, Francis and J. S.)
Lane, John T. (See Colgrove, Robert D., assignor.)
Lane, Joseph H., assignor to Cavalier Corporation, Chattanooga, Tenn. Combined tie rack and drawer. 2,153,258; Apr. 4.
Lane, Joseph H., Chattanooga, Tenn., and E. W. North; said North assignor to National Lock Co., Rockford, Ill. Combination lock. 2,168,621; Aug. 8.
Lane, Newton F., Decatur, Ill. Drafting of locomotives. 2,184,647; Dec. 26.
Lane-Wells. (See Metzner, Loyde H., assignor.)
Lane-Wells Company. (See Anderson, Alexander, assignor.)
Lane-Wells Company. (See Bowsky, M. C., and Winter, assignors.)
Lane-Wells Company. (See Duus, Ray, assignor.)
Lane-Wells Company. (See Elliott, Daniel W., assignor.)
Lane-Wells Company. (See Hendrickson, Ralph E., assignor.)
Lane-Wells Company. (See McMahan, Thomas E., assignor.)
Lane-Wells Company. (See Phipps, John T., assignor.)
Lane-Wells Company. (See Wells, Walter T., assignor.)
Lane-Wells Company. (See Yarbrough, Harold C., assignor.)
Lanes, Nathan, Brooklyn, N. Y. Apparatus for applying adhesive to labels and the like. 2,168,222; Aug. 1.
Laneville, Albert D., Manchester, N. H. Visor for automobile drivers. 2,146,080; Feb. 7.
Lang, Adam M., assignor to Langsenkamp Wheeler Brass Works, Inc., Indianapolis, Ind. Sediment sampler. 2,153,894; Apr. 11.
Lang, Albert, Berkeley, Calif. Window screen hanger. 2,177,942; Oct. 31.
Lang, Arthur J. (See Wilson, N. R., and Lang.)
Lang, Bernard J. and M. W., Detroit, Mich. Adjustable bier. 2,158,546; May 16.
Lang, C. C., & Son, Inc. (See Lang, Charles G., assignor.)
Lang, Carl E., San Francisco, Calif. Combined washer and drier. 2,147,302; Feb. 14.
Lang, Carl E., Berkeley, Calif. Washing machine. 2,147,303; Feb. 14.
Lang, Charles G., assignor to C. C. Lang & Son, Inc., Baltimore, Md. Pickle packing machine. 2,147,818; Feb. 21.
Lang, Charles G., assignor to C. C. Lang & Son, Inc., Baltimore, Md. Pickle slicing machine. 2,163,791; June 27.
Lang, Charles W. (See Ayers, S. H., and Lang.)
Lang, Edward H., Chicago, and R. C. Osterstrom, Kenilworth, assignors, by mesne assignments, to Gasoline Antioxidant Company, Chicago, Ill. Refining and stabilization of motor fuel. 2,149,351; Mar. 7.

Lang, Frank M., West Allis, Wis., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Tube cutter. Re. 20,979; Jan. 17.
Lang, Henry T., assignor to Electric Vacuum Cleaner Company, Inc., Cleveland, Ohio. Suction nozzle. 2,178,427; Oct. 31.
Lang, Henry W., Concord, N. H. Automombile fender. 2,157,793; May 9.
Lang, Hermann, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Apparatus for the continuous production of metallic magnesium. 2,143,197; Jan. 10.
Lang, Hermann, R. Suchy, and H. Seliger, Bitterfeld, Germany, assignors, by mesne assignments, to Magnesium Development Corporation. Production of magnesium. 2,148,358; Feb. 21.
Lang, Homer V., Charlotte, N. C. Apparatus for treating yarn. 2,153,046; Apr. 4.
Lang, John, New York, N. Y. Resilient wheel. 2,172,165; Sept. 5.
Lang, Joseph W., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Yellow azo pigment composition. 2,145,398; Jan. 31.
Lang, Karl T., Coswig-Dresden, assignor to Dresden-Leipziger Schnellpressen-Fabrik A. G., Coswig, Germany. Rotary printing machine. 2,146,963; Feb. 14.
Lang, Mack W. (See Lang, Bernard J. and M. W.)
Lang, Otto W., and H. C. Betts, San Francisco, Calif.; said Betts assignor of fifteen per cent to said Lang. Processing canned foods. 2,182,383; Dec. 5.
Lang, Wilhelm. (See Pioke, M., and Lang.)
Lang, William, assignor to International Business Machines Corporation, New York, N. Y. Record card feeding mechanism. 2,153,193; Apr. 4.
Langan, Thomas M., and G. H. Condit, assignors to Riverside Manufacturing Company, St. Louis, Mo. Cleaning garments. 2,174,793; Oct. 3.
Langdon, Andrew, Brighton, assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,148,865; Feb. 28.
Langdon, Andrew, Brighton, assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,149,222; Feb. 28.
Langdon, Clarence I., Dallas, Tex. Method of and means for recording artificial respirations. 2,155,136; Apr. 18.
Langdon, Jesse D., Los Angeles, Calif. Piston and flush valve. 2,181,900; Dec. 5.
Langdon, Lawrence E., Wilmette, assignor to Pacific Flush Tank Company, Chicago, Ill. System for and method of treating sewage or other waste material. 2,142,196; Jan. 3.
Lange, Carl W., Erie, Pa., assignor to General Electric Company. Dynamo-electric machine. 2,169,100; Aug. 8.
Lange, Edward H., Baltimore, Md. Filter-unit attachment for tobacco pipes. 2,169,730; Aug. 15.
Lange, Edward H., Baltimore, Md. Automobile control appliance. 2,183,354; Dec. 12.
Lange, Emil, Berlin-Zehlendorf, Germany. Arc rupturing device for electric safety fuses. 2,147,848; Feb. 21.
Lange, Frederick E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Stoker control system. 2,176,009; Oct. 10.
Lange, George, Brooklyn, N. Y. Window cleaning seat. 2,172,846; Sept. 12.
Lange, Hans, Dessau in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Manufacture of di-(x-chloro-hydroxypropyl) arylamines. 2,150,001; Mar. 7.
Lange, Heinrich. (See Nicodemus, O., Lange, and Horn.)
Lange, Heinrich, and O. Dorrer, Frankfort-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparing vinyl esters. 2,156,093; Apr. 25.
Lange, Heinrich, and O. Horn, Frankfort-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparing methyl-vinyl-ketone. 2,158,290; May 16.
Lange, Heinrich, and O. Horn, Frankfort-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparing beta-halogen-butadienes-1,3. 2,180,115; Nov. 14.
Lange, Henry. (See Ryan, Oval T., assignor.)
Lange, Karl, Hamburg, Germany. Moving coil induction meter. 2,180,473; Nov. 21.
Lange, Ludwig H., assignor to Stokes and Smith Company, Philadelphia, Pa. Box system. 2,144,338; Jan. 17.
Lange, Ludwig H., and C. H. Nitsch, assignors to Stokes and Smith Company, Philadelphia, Pa. Box forming system. 2,144,764; Jan. 24.
Lange, Max, Frankfort-on-the-Main, and T. Jacobs, Wiesbaden, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuff insoluble in water and fiber dyed therewith. 2,156,731; May 2.
Lange, Max, Meadville, Pa., assignor to Talon, Inc. Slide fastener. 2,177,344; Oct. 24.
Lange, Max E., Cleveland Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,154,514; Apr. 18.
Lange, Max E., Cleveland Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,169,765; Aug. 15.
Lange, Max E., Cleveland Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,169,767; Aug. 15.
Lange, Max E., Cleveland Heights, and J. R. Longstreet, Bedford, assignors to The Warner & Swasey Company, Cleveland, Ohio. Turning tool for lathes or the like. 2,158,798; May 16.
Lange, Max E., and J. J. N. Van Hamersveld, Cleveland Heights, assignors to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,169,764; Aug. 15.
Lange, Max E., and J. J. N. Van Hamersveld, Cleveland Heights, assignors to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,169,766; Aug. 15.
Lange, Walter, Berlin-Treptow, Germany, assignor to General Electric Company. Measuring instrument. 2,172,166; Sept. 5.
Lange, Werner, Dessau-Ziebigk in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dyes. 2,150,772; Mar. 14.
Lange, Werner, Dessau-Ziebigk in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Metalliferous azo dyes. 2,152,652; Apr. 4.
Lange, Werner, Dessau-Ziebigk in Anhalt, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Metalliferous azo dyes. 2,153,531; Apr. 4.
Lange, William, Rice Lake, Wis. Latch. 2,166,499; July 18.
Langebein, Jacob F. (See Whitehead, R. H., and Langebein.)
Langel, Adrien L., assignor to Chicago Metallic Manufacturing Company, Chicago, Ill. Multiple pan. 2,174,703; Oct. 3.
Langenberg, Frederick G., St. Louis County, Mo. Wall construction. 2,181,692; Nov. 28.
Langendorf United Bakeries, Inc. (See King, Walter, assignor.)
Langenwalter, Hans-Wolfgang. (See Bünger, W., and Langenwalter.)
Langenwalter, Hans-Wolfgang, Klein-Machnow, and E. Ruska, Berlin-Zehlendorf, assignors to the firm Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany. Electron multiplier. 2,159,529; May 23.
Langer, Max, Berlin-Hermsdorf, E. Wochinger, Berlin, and J. Kuchley, Berlin-Siemensstadt, assignors to Siemens & Halske Aktiengesellschaft of Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone system. 2,153,323; Apr. 4.
Langerman, Jonas, New York, assignor of one-half to S. Gaswirth, Brooklyn, N. Y. Tablet and suppository press. 2,149,739; Mar. 7.
Langert, A. Howard. (See Benkert, John, assignor.)
Langevin, Carl C., San Mateo, Calif., assignor to Guided Radio Corporation, New York, N. Y. Communication system. 2,166,529; July 18.
Langford, George W., assignor to Economy Baler Company, Ann Arbor, Mich. Baling press. 2,181,019; Nov. 21.
Langford, Thomas W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker interlock. 2,177,280; Oct. 24.
Langgässer, Heinrich, Berlin-Grunewald, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Apparatus for establishing an artificial horizon. 2,167,422; July 25.
Langguth, Erich, Hagen-Emst, Germany. Manufacturing large surface electrodes. 2,162,385; June 13.
Langhaar, Louis, Allentown, Pa., assignor, by mesne assignments, to United Motors Service, Inc., Detroit, Mich. Antifriction bearing. 2,142,474; Jan. 3.
Langhammer, Anthony J. (See Calkins, W. G., and Langhammer.)
Langhammer, Frank L., Bridgeport, Conn., assignor to S. J. Agby, Worcester, Mass. Hose supporter. 2,172,309; Sept. 5.
Langhans, Otto W., Caldwell Township, Essex County, assignor to American Platinum Works, Newark, N. J. Machine for making pen points. 2,154,243; Apr. 11.
Langley, Sam G., Maplewood, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,150,554; Mar. 14.
Langley, Thomas W., Osterley, assignor to Tecalemit Limited, Brentford, England. Detecting ice forming conditions, particularly when encountered by aircraft. 2,171,450; Aug. 29.
Langlois, Arthur J. (See Williams, A. L., and Langlois.)
Langlois Bros. (See Ells, Burdick R.)
Langlois, David P., assignor to A. E. Staley Manufacturing Company, Decatur, Ill. Reducing-sugar product. 2,169,051; Aug. 8.
Langlois, Harry F. (See Ells, Burdick R., assignor.)
Langlois, Herbert N. (See Ells, Burdick R., assignor.)
Langlois, Mary E., Lyons, N. Y. Transparent section waver. 2,152,894; Apr. 4.
Langmyhr, George J., Sarnia, Ontario, Canada, assignor to Standard Oil Development Company. Coke cleaning device. 2,170,660; Aug. 22.
Langner, Heinrich. (See Döhle, H., and Langner.)
Langner, Heinrich, Berlin-Steglitz, assignor to Telephon-Apparat Fabrik E. Zwietusch and Company, Berlin, Germany. Telephone pay station. 2,163,002; June 20.
Langos, Alfred F., et al. (See Langos, Otto A., assignor.)

Langos, Harold L., et al. (See Langos, Otto A., assignor.)
Langos, Matilda R., et al. (See Langos, Otto A., assignor.)
Langos, Otto A., assignor to A. F. Langos, O. E. Langos, H. L. Langos, and M. R. Langos, partners, doing business as Langson Manufacturing Company, Chicago, Ill. Paper burster toy. 2,179,662; Nov. 14.
Langos, Otto E., et al. (See Langos, Otto A., assignor.)
Langrish, Henry W., Deptford, London, assignor to Molins Machine Company Limited, London, England. Tobacco leaf cutting machine. 2,157,457; May 9.
Langrognet, Georges R., Oleans-Loiret, France. Internal combustion engine. 2,157,764; May 9.
Langsdorf, Jesse E. (See Naftali, Valentine, assignor.)
Langsenkamp Wheeler Brass Works, Inc. (See Lang, Adam M., assignor.)
Langsner, Adolph, assignor to Eugene Dietzgen Co., Chicago, Ill. Sheet treating apparatus. 2,142,318; Jan. 3.
Langsner, Adolph, assignor to Eugene Dietzgen Co., Chicago, Ill. Actuating mechanism. 2,171,755; Sept. 5.
Langsner, Adolph, assignor to Eugene Dietzgen Company, Chicago, Ill. Surveying instrument. 2,184,351; Dec. 26.
Langsner, Adolph, assignor to Eugene Dietzgen Company, Chicago, Ill. Telescope. 2,184,352; Dec. 26.
Langson Manufacturing Company. (See Langos, Otto A., assignor.)
Langston, Arthur L., and J. I. MacDonald, Los Angeles, Calif.; said Langston assignor to said MacDonald. Multiple contact connector. 2,183,651; Dec. 19.
Langston, Samuel M., Co. (See Moritz, Robert F., assignor.)
Langston, Samuel M., Co. (See Sieg, Karl, assignor.)
Langwell, Herbert, Windmill End, Epsom, and H. M. Stanley, Tadworth, England, assignors to Carbide and Carbon Chemicals Corporation. Making and recovering ethylene. 2,156,341; May 2.
Langwell, Herbert, Epsom, and J. F. Short, Ewell, England. Purification of impure noble metals. 2,164,826; July 4.
Langwell, Herbert, Epsom, and H. M. Stanley, Tadworth, England, assignors to The Distillers Company Limited, Edinburgh, Scotland. Manufacture of ethylene oxide. 2,172,025; Sept. 5.
Langwish, Edward A. (See Higham, W. W., and Langwish.)
Langworthy, E. Phelps. (See Conley, William J., assignor.)
Lanier, Henry J., Langdale, Ala., assignor to Draper Corporation, Hopedale, Mass. Shuttle box front. 2,170,384; Aug. 22.
Lank, Alvin B., Washington, D. C. Post construction. 2,158,291; May 16.
Lankelma, Herman P. (See Musselman, J. M., and Lankelma.)
Lankelma, Herman P., assignor to The Standard Oil Company (Ohio), Cleveland, Ohio. Prevention of gum development and the like in motor fuel. 2,148,758; Feb. 28.
Lankenau, John R., Brighton, Mass. Garment and fastening means. Re. 21,092; May 16.
Lankes, Leonard R., and G. F. Nadeau, assignors to Eastman Kodak Company, Rochester, N. Y. Liquid applying pan. 2,168,997; Aug. 8.
Lankin, Benjamin S., Bridgeton, N. J. Hydraulic jack. 2,147,535; Feb. 14.
Lannan, George M. (See Atkinson, F. W., Kleist, Slayter, Thomas, and Lannan.)
Lannan, George M., Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Method and apparatus for forming a fibrous mat. 2,165,280; July 11.
Lannerd, Paul U., assignor to The General Industries Company, Elyria, Ohio. Constant speed control for motors. 2,152,595; Mar. 28.
Lannert, Frank, assignor to Paragon Die Casting Company, Chicago, Ill. Die-casting machine. 2,171,628; Sept. 5.
Lannon, James J. (See Petersen, Anker, assignor.)
Lanphere, Clive W., Fort Lee, N. J. Can opener. 2,171,658; Sept. 5.
Lanoie, Louis A., assignor to Lew Mfg. Co., Providence, R. I. Guide tube for mechanical pencils. 2,148,866; Feb. 28.
Lanova Corporation. (See Fischer, Hans, assignor.)
Lanpher & Schonfarber Inc. (See Schonfarber, Gordon, assignor.)
Lanquist, Axel, Chicago, Ill. Convertible chair. 2,147,374; Feb. 14.
Lansberry, Arthur. (See Shenk, C. C., and Lansberry.)
Lanser, Alfred H., Paris, France. Clutch control. 2,167,118; July 25.
Lansing, Charles B., Gates Mills, Ohio. Stone sawing machine. 2,150,381; Mar. 14.
Lansing, Charles B., Gates Mills, Ohio. Cutting machine for stove or other material. 2,158,629; May 16.
Lansing, Horace L., Rutherford, N. J., assignor to Poor & Company, New York, N. Y. Head-free rail joint. 2,160,334; May 30.
Lansing Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Motor control mechanism. 2,154,572; Apr. 18.
Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Driving mechanism. 2,155,974; Apr. 25.
Lansing, Raymond P., Montclair, N. J., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Engine starter. 2,160,479; May 30.
Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Driving mechanism. 2,172,126; Sept. 5.
Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Power plant. 2,177,199; Oct. 24.
Lansing, Raymond P., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 2,181,333; Nov. 28.
Lansing, Raymond P., Montclair, and J. W. Allen, East Orange, assignors, by mesne assignments, to Eclipse Aviation Corporation. Ignition device for internal combustion engines. 2,163,843; June 27.
Lansing, Raymond P., Montclair, and G. J. Hausamann, Bloomfield, N. J., assignors to Eclipse Machine Company, Elmira, N. Y. Motor control system. 2,173,757; Sept. 19.
Lanston Monotype Machine Company. (See Dewhurst, Maurice R., assignor.)
Lanston Monotype Machine Company. (See Elliott, Richard C., assignor.)
Lanston Monotype Machine Company. (See Wigg, William, assignor.)
Lanter, Clarence W., Chicago, Ill. Baling. 2,157,765; May 9.
Lantz, Brice H., Valparaiso, Ind. Nonclogging catch basin gratin. 2,147,044; Feb. 14.
Lantz, Brice H., assignor to L. S. and B. H. Lantz, doing business as Lantz Manufacturing Company, Valparaiso, Ind. Hay fork head. 2,155,137; Apr. 18.
Lantz, Lida S., et al. (See Lantz, Brice H., assignor.)
Lantz, Louis A., and W. S. Miller, assignors to The Calico Printers' Association Limited, Manchester, England. Dyeing and finishing of textile materials. 2,163,204; June 20.
Lantz Manufacturing Company. (See Lantz, Brice H.)
Lantz, William F., Lefors, Tex. Knock-off block. 2,142,611; Jan. 3.
Lantz, William H., Jr., assignor to American Electric Switch Corporation, Minerva, Ohio. Finish or wall plate. 2,181,278; Nov. 28.
Lapara, Anthony, New Orleans, assignor to Great Southern Box Company, Inc., Southport, La. Lightproof shipping container. 2,180,682; Nov. 21.
La Pelle, Rolland R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Freeing gas of oxygen. 2,144,497; Jan. 17.
Lapeyre, Fernand S., New Orleans, La. Card table. 2,148,823; Feb. 28.
Lapham, Edward A., Long Island City, N. Y. Current collector. 2,169,154; Aug. 8.
La Pierre, Cramer W., Schenectady, N. Y., assignor to General Electric Company. Viscosimeter. 2,142,854; Jan. 3.
La Pierre, Cramer W., Schenectady, N. Y., assignor to General Electric Company. Thermocouple wattmeter. 2,169,101; Aug. 8.
La Pierre, Cramer W., Schenectady, N. Y., assignor to General Electric Company. Apparatus responsive to frequency difference. 2,176,742; Oct. 17.
Lapin-Kurley Kew, Inc. (See Ehrlich, Rose, assignor.)
Lapinski, Exur. (See Byrn, Eugene, assignor.)
La Plant-Choate Manufacturing Company. (See Austin, Ellsworth W., assignor.)
La Plante-Choate Manufacturing Co. (See Wilkinson, Lowel F., assignor.)
Lapointe, Alfred, Pointe aux Trembles, Quebec, Canada. Toy. 2,184,459; Dec. 26.
Lapointe, Donald H., assignor to The Miller Company, Meriden, Conn. Pilot light for oil burners. 2,183,749; Dec. 19.
Lapointe, Francis J., Ann Arbor, Mich., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Broaching machine. 2,138,241; Feb. 21.
La Pointe, Francis J., Ann Arbor, Mich., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Broaching machine. 2,173,396; Sept. 19.
Lapointe, Francis J., Ann Arbor, Mich., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Broaching machine. 2,174,984; Oct. 3.
Lapointe Machine Tool Company, The. (See Baker, Harry A., assignor.)
Lapointe Machine Tool Company, The. (See Forbes, John W., assignor.)
Lapointe Machine Tool Company, The. (See Monroe, Kenneth C., assignor.)
Lapointe Machine Tool Company, The. (See West, Donald H., assignor.)
Lapp Insulator Company. (See Jenner, Ralph L., assignor.)
Lappe, Maxwell M. (See Clawson, Philip E., assignor.)
Lappin, Roy C., Randwick, near Sydney, New South Wales, Australia. Indicating device for tail lamps and the like. 2,179,792; Nov. 14.
Lapsley, Charles H. (See Spare, C. R., and Lapsley.)
Lapsley, Robert. (See Burrows, R. J., Lapsley, and Williams.)

Lapsley, Robert, Berrien Springs, assignors to Clark Equipment Company, Buchanan, Mich. Transmission. Re. 21,273; Nov. 21.
Lapsley, Robert, Berrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Torsion testing machine. 2,157,903; May 9.
Lapsley, Robert, Berrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Torque converting and transmitting mechanism. 2,168,350; Aug. 8.
Lapsley, Robert, Berrien Springs, assignor to Clark Equipment Company, Buchanan, Mich. Transmission control mechanism. 2,180,116; Nov. 14.
Laqueur, Ernst, K. G. David, E. Dingemanse, and J. Freud, Amsterdam, Netherlands, assignors, by mesne assignments, to Ciba Pharmaceutical Products, Incorporated, Summit, N. J. Production of male sexual hormones. 2,175,963; Oct. 10.
Laracine, Pierre, Vancouver, British Columbia, Canada. Ashtray. 2,144,188; Jan. 17.
Larcamp, Charles, Wooster, Ohio. Circuit make and break device. 2,181,374; Nov. 28.
Larché, Kurt. (See Ewest H., Krefft, and Larché.)
Larché, Kurt. (See Krefft, H., and Larché.)
Larché, Kurt. (See Krefft, H., Larché, and Thomas.)
Lard, Allan E., Washington, D. C. Rebound check for golf club shafts. Re. 21,162; July 25.
Larew, Joel L. (See Jutson, R. P., and Larew.)
Large, Samuel R., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Antifriction bearing. 2,174,325; Sept. 26.
Large, William W., Oakland, Calif. Rotary valve for engines. 2,183,024; Dec. 12.
Larison, Glenn L., La Grande, Oreg. Shock reducing and cushioning wheel mounting for vehicles. 2,170,454; Aug. 22.
Larkey, Riley E., Kansas City, Mo. Electric water heater. 2,178,397; Oct. 31.
Larkin, Elwood T., Buffalo, assignor to Michell-Crankless Engines Corporation, New York, N. Y. Internal combustion engine. 2,170,058; Aug. 22.
Larkin, Robert D., Waterbury, Conn. Sanitary tooth cleaning pad. 2,176,308; Oct. 17.
Larkin, Walter, Norristown, Pa., assignor to Fidelity Machine Company, Wilmington, Del. Knitted fabric. 2,166,166; July 18.
Larkin, Walter, Norristown, Pa., assignor to Fidelity Machine Company, Wilmington, Del. Elastic top for hosiery. 2,180,247; Nov. 14.
Larkwood Silk Hosiery Mills, Inc. (See Sachsenmaier, Ervin S., assignor.)
Larocca, James, Chicago, assignor to Speedway Manufacturing Company, Cicero, Ill. Reversible alternating current induction motor. 2,178,691; Nov. 7.
Larrecq, Anthony J., Beachbluff, Mass., assignor to General Electric Company. Labyrinth packing. 2,159,766; May 23.
Larrecq, Anthony J., Schnectady, N. Y., assignor to General Electric Company. Mercury boiler. 2,160,619; May 30.
Larrecq, Anthony J., Beach Bluff, Mass., assignor to General Electric Company. Heat exchange apparatus. 2,168,166; Aug. 1.
Larrison, George M., Red Bank, N. J. Permanent roofing. 2,169,651; Aug. 15.
Larry, Timothy A., and E. E. Cline; said Cline assignor to Mueller Co., Decatur, Ill. Pressure control fitting. 2,171,575; Sept. 5.
Larry, Timothy A., and E. E. Cline; said Cline assignor to Mueller Co., Decatur, Ill. Method and apparatus for equalizing pressures of, or purging, the fluid contents of a conduit. 2,171,576; Sept. 5.
Larry, Timothy A., and E. E. Cline, assignors to Mueller Co., Decatur, Ill. Attaching a fitting to a pipe line. 2,171,577; Sept. 5.
Larry, Timothy A., E. E. Cline, and O. J. Hawkins; said Cline and said Hawkins assignors to Mueller Co., Decatur, Ill. Apparatus for fluid control. 2,171,937; Sept. 5.
Larry, Timothy A., and E. E. Cline; said Cline assignor to Mueller Co., Decatur, Ill. Valve body or fitting. 2,171,938; Sept. 5.
Larry, Timothy A., E. E. Cline, and O. J. Hawkins; said Cline and said Hawkins assignors to Mueller Co., Decatur, Ill. Apparatus for fluid control. 2,171,939; Sept. 5.
Larsen, Agnew E. (See Ray, J. G., Pitcairn, and Larsen.)
Larsen, Agnew E., Jenkintown, Pa., assignor, by mesne assignments, to Autogiro Company of America. Aircraft sustaining rotor. 2,151,215; Mar. 21.
Larsen, Agnew E., Jenkintown, Pa., assignor, by mesne assignments, to Autogiro Company of America. Construction of aircraft sustaining rotors. 2,151,216; Mar. 21.
Larsen Agnew E., Huntingdon Valley, Pa., assignor, by mesne assignments, to Autogiro Company of America. Rotative-winged aircraft. 2,155,426; Apr. 25.
Larsen Agnew E., Huntingdon Valley, Pa., assignor, by mesne assignments, to Autogiro Company of America. Aircraft sustaining rotor. 2,155,427; Apr. 25.
Larsen, Agnew E., Jenkintown, Pa., assignor, by mesne assignments, to Autogiro Company of America. Rotative-winged aircraft. 2,183,119; Dec. 12.
Larsen, Bernard M., Elizabeth, M. E. Berley, Rutherford, and K. Heindlhofer, East Orange, N. J., assignors to United States Steel Corporation, New York, N. Y. Arc welding thin metal sheets. 2,173,450; Sept. 19.
Larsen, Bernhart O., et al. (See Smith, Louis R., assignor.)
Larsen, Carl B., assignor to J. I. Case Company, Racine, Wis. Set-up device. 2,162,338; June 13.
Larsen, Carl B., assignor to J. I. Case Company, Racine, Wis. Gasifier. 2,181,058; Nov. 21.
Larsen, Christian A., et al. (See Smith, Louis R., assignor.)
Larsen, Earl I. (See Hensel, F. R., and Larsen.)
Larsen, Einer W. (See Bouvier. G. A., and Larsen.)
Larsen, Gabriel, Springfield, N. J., assignor to L. E. Waterman Company, New York, N. Y. Fountain pen barrel. 2,162,223; June 13.
Larsen, Leonard O., Downers Grove, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Insulated spool for electromagnets. 2,180,420; Nov. 21.
Larsen, Lewis, Menominee, Mich., assignor to Heywood-Wakefield Company, Gardner, Mass. Combined chair and table. 2,162,560; June 13.
Larsen, Louis A. (See Carter, P. M., and Larsen.)
Larsen, Martin I., Chicago, Ill. Water heater or boiler. 2,162,620; June 13.
Larsen, Neil P., and H. J. Troche, assignors to The American Coach and Body Company, Cleveland, Ohio. Apparatus for guiding cables. 2,180,987; Nov. 21.
Larsen, Olaf, Oak Park, assignor to The Creamery Package Mfg. Company, Chicago, Ill. Filling machine. 2,164,530; July 4.
Larsen, Soren K. B., Minneapolis, Minn. Humidifier. 2,179,470; Nov. 7.
Larsen, Tom F., Traer, Iowa. Ram protector. 2,175,964; Oct. 10.
Larsen, Victor A., South Farmingdale, assignor to Spencer-Larsen Aircraft Corporation, Farmingdale, N. Y. Aircraft landing gear. 2,176,461; Oct. 17.
Larsh, Everett P. (See Kuner, William, assignor.)
Larsh, Robert L., Joliet, Ill., assignor to American Can Company, New York, N. Y. Container. 2,148,480; Feb. 28.
Larson, Alfred T., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of glycolic acid. 2,153,064; Apr. 4.
Larson, Arthur G., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control apparatus. 2,177,529; Oct. 24.
Larson, Arvid, East Hempsted, Long Island, N. Y. Swimming device. 2,159,972; May 30.
Larson, Carl H. (See Gehrand, C. E., and Larson.)
Larson, Carl H., Elkhart, Ind. Electromagnetic relay. 2,166,163; July 18.
Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Mercury switch. 2,151,923; Mar. 28.
Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Mercury switch. 2,155,428; Apr. 25.
Larson, Carl H., Elkhart, Ind., assignor to The Adlake Company. Electromagnetic relay. 2,175,201; Oct. 10.
Larson, Charles O., assignor to Chas. O. Larson Co., Sterling, Ill. Door check. 2,175,403; Oct. 10.
Larson, Charles O., assignor to Chas. O. Larson Co., Sterling, Ill. Device for supporting a clothesline or other article. 2,179,096; Nov. 7.
Larson, Chas. O., Co. (See Larson, Charles O., assignor.)
Larson, Donald E. (See Wiggins, J. H., and Larson.)
Larson, Earl I. (See Hensel, F. R., and Larsen.)
Larson, Elbert W., Downers Grove, and C. C. McCain, Glen Ellyn, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Filing cabinet folder. 2,172,444; Sept. 12.
Larson, Fred E., Granite City, Ill. Attic ventilator. 2,142,821; Jan. 3.
Larson, Herman G., Altoona, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Uncoupling apparatus for pilot couplers. 2,146,220; Feb. 7.
Larson, Harold L. (See Cormier, F. L., and Larson.)
Larson, Harry W., assignor to Allis-Chalmers Manufac turing Company, Milwaukee, Wis. Sheet metal pulley. 2,170,779; Aug. 22.
Larson, Hugo C. (See Epstein, S., and Larson.)
Larson, Louis J., assignor to A. O. Smith Corporation, Milwaukee, Wis. Welding. 2,158,799; May 16.
Larson, Louis L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of paper. 2,184,307; Dec. 26.
Larson, Merwin J., Portland, Oreg. Actuator for glare shields. 2,158,330; May 16.
Larson, Olaf, Oak Park, assignor to The Creamery Package Mfg. Company, Chicago, Ill. Liquid measuring and filling apparatus. 2,156,788; May 2.
Larson, Otto C., Brooklyn, N. Y. Door lock. 2,178,666; Nov. 7.
Larson, Raymond, assignor to Central Metallic Casket Co., Chicago, Ill. Casket hardware. 2,155,197; Apr. 18.
Larson, Wallace Q., assignor to Augsburg Publishing House, Minneapolis, Minn. Card display case. 2,147,773; Feb. 21.
Larson, William B., Fort Madison, Iowa, assignor to Anthes Force Oiler Company. Flare. 2,164,613; July 4.

Larsson, Henry W., deceased; by J. D. Larsson, executrix, Albany, Calif. Grinding machine. 2,160,365; May 30.
Larsson, John A., Vastervik, assignor to O. A. Widegren, Stockholm, Sweden. Device for pumping out boats. 2,173,207; Sept. 19.
Larsson, Josephine D., executrix. (See Larsson, Henry W.)
Larsson, Markus, Berlin, Germany, assignor to Kunstdunger-Patent-Verwertungs-Aktiengesellschaft, Glarus, Switzerland. Treating raw phosphate. Re. 20,994; Jan. 31.
La Rue, William D., Merchantville, and R. L. Harvey, Oaklyn, N. J., assignors to Radio Corporation of America. Adjustable magnetic-core inductor. 2,168,351; Aug. 8.
Lasch, Albert, Stuttgart Bad Canstatt, and E. Eppler, Stuttgart, Germany, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Apparatus for shredding alkali-cellulose or like fibrous materials. 2,167,214; July 25.
Lasch, Leopold, and G. Schichtel, Radenthein, Carinthia, Austria, assignors to American Magnesium Metals Corporation, Pittsburgh, Pa. Melting and casting magnesium and alloys rich in magnesium. 2,151,779; Mar. 28.
Lasch, Willy H., Philadelphia, assignor to Rosedale Knitting Co., Inc., Rosedale, Reading, Pa. Knitting machine. 2,150,100; Mar. 7.
Laschenski, Charles W., Trenton, N. J., assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Method of and mold for casting vitreous closets in two parts. 2,175,730; Oct. 10.
Lashbrook, Albert S. (See Johnston, William J., assignor.)
Lasher, Lester L., Beachmont, W. R. Chesley, Somerville, and J. A. Parks, Jr., Milton, Mass., assignors, by mesne assignments, to Anderson Products, Incorporated. Air venting and vacuum maintaining valve. 2,163,909; June 27.
Lasier, David R., assignor to Norton Lasier Company, Chicago, Ill. Releasable holding arms for door checks. 2,182,206; Dec. 5.
Laska, Leopold, Offenbach-on-the-Main, A. Zitscher, Kronberg in Taunus, and R. Heil, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo dyestuffs and fiber dyed therewith. 2,153,539; Apr. 11.
Laska, Leopold, Offenbach-on-the-Main, A. Zitscher, Kronberg-in-Taunus, and R. Heil, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo dyestuffs and fiber dyed therewith. 2,180,297; Nov. 14.
Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Automatic sub- and grand-totaling mechanism. 2,151,406; Mar. 21.
Lasker, William W., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Sorting mechanism. 2,172,755; Sept. 12.
Lasker, William W., Brooklyn, and W. F. Kelley, Whitestone, assignors to Remington Rand Inc., Buffalo, N. Y. Accounting system and machine. 2,165,556; July 11.
Lasker, William W., Brooklyn, and W. F. Kelley, Whitestone, assignors to Remington Rand Inc., Buffalo, N. Y. Accounting system. 2,172,754; Sept. 12.
Lasley, Edward D., Detroit, Mich., assignor to Automatic Shifters, Inc., Richmond, Va. Gear shifting mechanism for motor vehicles. 2,169,478; Aug. 15.
Lasley, Edward D., Detroit, Mich., assignor to Automatic Shifters, Inc., Richmond, Va. Gear shifting mechanism for motor vehicles. 2,173,438; Sept. 19.
Lasley, Edward D., Detroit, Mich., assignor to Automatic Shifters, Inc., Richmond, Va. Gear shifting mechanism for motor vehicles. 2,178,177; Oct. 31.
Lassco Products, Inc. (See Christie, Theodore, assignor.)
Lasserre, Jean, Menneval, near Bernay, France, assignor to S. A. Recherches Etudes Applications Techniques, R. E. A. T., Geneva, Switzerland. Time fuse for projectiles. 2,164,115; June 27.
Lassiat, Raymond C., Woodbury, N. J., assignor to Houdry Process Corporation, Dover, Del. Fluid distribution. 2,149,299; Mar. 7.
Lassiat, Raymond C., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Distribution and temperature control in chemical reactions. 2,149,300; Mar. 7.
Lassiat, Raymond C., Woodbury, N. J., assignor to Houdry Process Corporation, Dover, Del. Temperature regulation of chemical reactions. 2,150,930; Mar. 21.
Lassiat, Raymond C., Swarthmore, Pa., assignor to Houdry Process Corporation, Wilmington, Del. Separation and treatment of fluids. 2,180,361; Nov. 21.
Lassiter, Alwyn D., Philadelphia, Pa., assignor, by mesne assignments, to Western Electric Company, Incorporated. Talking motion picture apparatus. Re. 21,121; June 20.
Lasting Products Co., The. (See Knight, Lewis A., assignor.)
László, George, New York, N. Y. Universal graphic printing press. 2,179,746; Nov. 14.
Latex Fiber Industries, Inc. (See Owen, Allen F., assignor.)
Latham, Arthur, and A. Swan, Bernie, Mo. Coupling unit. 2,179,854; Nov. 14.

Latham, Francis S., Killeen, Tex. Pressing machine light. 2,174,827; Oct. 3.
Latham, George H., and J. K. Hunt, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic structure and preparing same. 2,159,743; May 23.
Latham, Hubert. (See Peckham, Josiah F., assignor.)
Latham, Maurice, Jay, Maine. Utensil. 2,163,733; June 27.
Latham, Robert L., Las Vegas, Nev. Arch support. 2,178,910; Nov. 7.
Lathan, Alexander S., San Mateo, Calif. Garden tool. 2,181,189; Nov. 28.
Lathem, R. I. (See Field, Marcus H., assignor.)
Lathrop, Harry D., Chicago, Ill., assignor to The Lathrop-Paulson Co. Conveyer. 2,145,882; Feb. 7.
Lathrop, Harry D., Chicago, Ill., assignor to The Lathrop-Paulson Co. Cover applying mechanism for can washing machines. 2,154,172; Apr. 11.
Lathrop, Harry D., Chicago, Ill., assignor to The Lathrop-Paulson Co. Conveyer. 2,156,020; Apr. 25.
Lathrop-Hoge Gypsum Construction Company. (See Hoge, Edward C., assignor.)
Lathrop-Paulson Co., The. (See Lathrop, Harry D., assignor.)
Lathrop-Paulson Company, The. (See Rufus, Otto B., assignor.)
Lathrop, Richard A., Hope, N. Dak. Portable fireplace heater. 2,183,458; Dec. 12.
Latil, Adrien, Marseille, France. Transforming alternating rectilinear movement into continuous rotary movement. 2,155,497; Apr. 25.
Latimer, Charles A., Toledo, Ohio. Automatic pressure release ratchet wrench. 2,179,855; Nov. 14.
Latimer, Chester W., West Orange, N. J., and J. L. Finch, Patchogue, J. W. Conklin, Rocky Point, and H. E. Goldstine, Port Jefferson Station, N. Y., assignors to Radio Corporation of America. Long dash and light keying indicator. 2,170,203; Aug. 22.
Latimer-Goodwin Chemical Company, The. (See Hopkins, Carl P., assignor.)
Latocha, Eugene, Cleveland, Ohio. Reel for clotheslines and the like. 2,174,828; Oct. 3.
Latsch, Louis M., Akron, Ohio. Adjustable supporting bracket for tools and the like. 2,150,802; Mar. 14.
Latta, Isaac R., Drexel Hill, Pa., assignor to General Electric Company. Receptacle for switchboard indicating lamps. 2,156,995; May 2.
Latta, Milton M. (See Stalter, W. T., and Latta.)
Lattin, Robert B., Cheshire, Conn., assignor to Rockbestos Products Corporation. Insulated electrical conductor. 2,162,953; June 20.
Latting, Lucile D., et al. (See Ashcroft, Ethel P., assignor.)
Lattner, Emert J., Cedar Rapids, Iowa. Pump. 2,149,969; Mar. 7.
Lattner, Emert J., Cedar Rapids, Iowa. Heating and control means. 2,163,910; June 27.
Latulippe, Eddy D., assignor to Aeroplane Improvements Limited, Montreal, Quebec, Canada. Muffler. 2,158,030; May 9.
Latz, Harry L., New York, N. Y. Fan. 2,145,694; Jan. 31.
Lau, Harry J., Chicago, Ill. Mop wringer. 2,165,862; July 11.
Lau, Herbert C., Oak Park, assignor to Signode Steel Strapping Company, Chicago, Ill. Package-binder cutter. 2,184,960; Dec. 26.
Laub, Fred N., Los Angeles, assignor to Ensign Carburetor Co., Ltd., Huntington Park, Calif. Liquid and gaseous fuel carburetor. 2,155,763; Apr. 25.
Laub, Hans, Maplewood, and J. Kremer, West Orange, assignors to Charles Engelhard, Inc., Newark, N. J. Control device for heat generating apparatus. 2,156,119; Apr. 25.
Laub, Jacob J., Hamburg, Germany. Transmission of sounds and for their reception in the proper volume. 2,172,209; Sept. 5.
Laube, Grover, R. C. Stevens, and C. M. Miller, assignors to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Sound insulation means for motion picture cameras. 2,180,683; Nov. 21.
Laube, Herbert W., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for and a method of making coils. 2,177,260; Oct. 24.
Laubenstein, George, Madison, assignor to The J. E. Mergott Company, Newark, N. J. Reinforced handbag frame. 2,175,992; Oct. 10.
Lauber, Erwin R. (See Nielsen, O., and Lauber.)
Lauck, Friedrich, Berlin-Spandau, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Direct current motor. 2,163,528; June 20.
Lauck, Friedrich, Berlin-Spandau, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Course device for vehicles. 2,178,306; Oct. 31.
Laucks, I. C., Inc. (See Fawthrop, William D., assignor.)
Laucks, I. F., Inc. (See Bowen, A. H., and Dike, assignors.)
Laucks, I. F., Inc. (See Dike, T. W., and Galber, assignors.)
Laucks, I. F. (See Horn, Erwin A., assignor.)

Laucks, I. F., Incorporated. (See Laucks, I. F., and Davidson, assignors.)
Laucks, I. F., Inc. (See Rippey, H. F., and Dike, assignors.)
Laucks, Irving F., and G. Davidson, assignors to I. F. Laucks, Incorporated, Seattle, Wash. Glue and method of making. 2,150,175; Mar. 14.
Laucks, Samuel F., and C. F. Sioberg, assignors to York Safe and Lock Company, York, Pa. Vault. 2,163,044; June 20.
Laudensack, Albert F., New Haven, Conn., assignor, by mesne assignments, to Western Cartridge Company. Stock attaching device for firearms. 2,155,498; Apr. 25.
Lauder, Arthur H., Schenectady, N. Y., assignor to General Electric Company. Synchronous motor control system. 2,151,556; Mar. 21.
Lauder, Arthur H., and F. H. Winter, Schenectady, N. Y., assignors to General Electric Company. Synchronous machine control system. 2,151,122; Mar. 21.
Lauer, Karl, Gelsenkirchen, assignor to Deutsche Eisenwerke Aktiengesellschaft, Mulheim-on-the-Ruhr, Germany. Operating cupola furnaces. 2,158,510; May 16.
Lauer, Karl, Gelsenkirchen, assignor to Deutsche Eisenwerke Aktiengesellschaft, Mulheim-on-the-Ruhr, Germany. Production of cast iron in cupola furnaces. 2,158,511; May 16.
Lauer, Raymond J., Cicero, assignor to The Dole Valve Company, Chicago, Ill. Pipe coupling. 2,179,127; Nov. 7.
Laufer, Ernest W. D., Arlington Heights, and C. P. Reis, Chicago, Ill., assignors to The American Steel and Wire Company of New Jersey. Coating for fastenings. 2,162,177; June 13.
Laufersweiler, William J., Columbus, Ohio, assignor to General Door Company, Reno, Nev. Flexible rolling curtain. 2,183,495; Dec. 12.
Laugaudin, Eugene J., Paris, France. Shock absorber. 2,159,855; May 23.
Laughlin, Clyde M., Wenatchee, Wash. Pressure regulator. 2,155,558; Apr. 25.
Laughlin, Kenneth C. (See Sweeney, W. J., and Laughlin.)
Laughlin, Kenneth C., Baton Rouge, La., assignor to Standard Oil Development Company. Treatment of solvent extracts. 2,163,245; June 20.
Laughton, Nelles B. (See Macallum, A. B., and Laughton.)
Laukhuff, Alfred, assignor to Alfa Machine Company, Milwaukee, Wis. Cutting machine. 2,168,415; Aug. 8.
Laulhere, Bernard M. (See Henderson, E., Reddick, and Laulhere.)
Laulhere, Bernard M., Walnut Park, assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. Treating natural gas. 2,180,596; Nov. 21.
Laurent, Milton P., Houston, Tex. Swivel pipe coupling. 2,158,131; May 16.
Laurent, Milton P., assignor to W. K. M. Company, Incorporated, Houston, Tex. Gate valve. 2,148,628; Feb. 28.
Laurent, Milton P., assignor to W. K. M. Company, Incorporated, Houston, Tex. Valve. 2,161,175; June 6.
Laurent, Milton P., assignor to W. K. M. Company, Incorporated, Houston, Tex. Valve-operating mechanism. 2,166,304; July 18.
Laurer, Carl J., and S. Markell, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Ophthalmic mounting. 2,184,427; Dec. 26.
Laurin, Laurentius, Gothenburg, and S. L. Laurin, Bohus, Sweden. Fish bone and skin removing machine. 2,162,621; June 13.
Laurin, Sven L. (See Laurin, Laurentius, and S. L.)
Laursen, Laurits A., Copley, Ohio. Insert for rubber heels. 2,174,752; Oct. 3.
Laury, Napoleon A., assignor to The Calco Chemical Company, Inc., Bound Brook, N. J. Sulphuric acid contact process. 2,142,855; Jan. 3.
Laury, Napoleon A., Rockville Centre, N. Y., assignor to The Calco Chemical Company, Inc., Bound Brook, N. J. Purification of sulphur. 2,165,170; July 4.
Laury, Napoleon A., assignor to The Calco Chemical Co., Inc., Bound Brook, N. J. Alkali nitrites and chromates. 2,166,549; July 18.
Lautenschlager, Carl L., Frankfort-on-the-Main, and W. Ludwig, Franfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Preparing active extracts of the anterior lobes of the hypophysis. 2,146,682; Feb. 7.
Lautenschläger, Carl L., F. Lindner, R. Rigler, Frankfort-on-the-Main, and O. Schaümann, Wiesbaden, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Stable therapeutic products from intestinal mucous membrane and preparing them. 2,161,422; June 6.
Lautenschläger, Carl L., and W. Ludwig, Frankfort-on-the-Main, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Preparing extracts of spleen and liver. 2,171,320; Aug. 29.
Lauter, Robert. (See Kolligs, H., and Lauter.)
Lauter, Werner M., Cuyahoga Falls, assignor to Wingfoot Corporation, Akron, Ohio. Rubber composition and preserving rubber. 2,153,962; Apr. 11.
Lauterbach Corporation. (See Lauterbach, John, assignor.)
Lauterbach, John, Philadelphia, Pa., assignor, by mesne assignments, to Lauterbach Corporation, Toledo, Ohio. Machine for molding plastic materials. 2,155,316; Apr. 18.
Lauterbach, William J., Pekin, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Producing dustless starch grits. 2,178,235; Oct. 31.
Lauth, Hellmuth. (See Bauer, W., and Lauth.)
Lautz, Carl F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Link. 2,169,496; Aug. 15.
Lautz, James J., assignor to Eureka Products Corporation, O'Fallon, Ill. Top cover for kitchen ranges. 2,163,258; June 20.
Lautz, Raymond T. (See Dunham, G. W., and Lautz.)
Lauve, Louis L. (See Enkur, E. M., and Lauve.)
Lauve, Louis L., Jr., Baltimore, Md. Illuminated sign. 2,167,660; Aug. 1.
Lauve, Louis L., Jr., Baltimore, Md. Illuminated sign. 2,168,223; Aug. 1.
La Valle, Dominick, New York, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Treating shoe linings. 2,160,878; June 6.
Lavarack, Frederick C., Montclair, N. J., and B. Schlesinger, Flushing, assignors to Railroad Accessories Corporation, New York, N. Y. Rail drilling machine. 2,154,244; Apr. 11.
Lavarack, Frederick C., Montclair, N. J., and B. Schlesinger, Flushing, assignors to Railroad Accessories Corporation, New York, N. Y. Insulated binding nut. 2,164,017; June 27.
Lavelle, Thomas B. (See De Ganahl, C., and Lavelle.)
Lavely, Paul H., Pittsburgh, Pa., assignor to Koppers Company. Coke-oven door machine. 2,182,494; Dec. 5.
Lavenburg, Albert, et al. (See Platt, Samuel C., assignor.)
Lavenburg, George, New York, N. Y. Electric toaster. Re. 21,060; Apr. 25.
Lavenburg, George, New York, N. Y. Electric toaster. 2,151,705; Mar. 28.
Lavere, Carroll K., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Packing means for hollow ware. 2,142,518; Jan. 3.
Lavere, Carroll K., assignor to Anchor Hocking Glass Corporation, Lancaster, Ohio. Carton and blank therefor. 2,163,045; June 20.
Lavering, Harry D., Venice, Calif. Expansion joint for plastic wall sections. 2,151,605; Mar. 21.
Lavett, Charles O., assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Drum drier. 2,143,019; Jan. 10.
Lavett, Charles O., assignor to Buffalo Foundry & Machine Co., Buffalo, N. Y. Drying whey. 2,172,393; Sept. 12.
Lavietes, David P., Brooklyn, N. Y. Tobacco pipe. Re. 21,209; Sept. 19.
Lavietes, David P., Brooklyn, N. Y. Smoking pipe and making same. 2,145,883; Feb. 7.
Lavietes, David P., Brooklyn, N. Y. Cover structure for smoking pipes. 2,164,929; July 4.
La Vigne, George, Miami, Fla. Bottle breaker. 2,178,797; Nov. 7.
Lavine, Jacob A., Chicago, Ill. Mixing apparatus. 2,151,123; Mar. 21.
Lavine Gear Company. (See Twyman, B. Wickliffe, assignor.)
Lavino, E. J., and Company. (See Seil, Gilbert E., assignor.)
Law, Clare H., Chicago, Ill. Loose leaf binder. 2,177,144; Oct. 24.
Law, George H., South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Olefine oxidation and catalyst therefor. 2,142,948; Jan. 3.
Law, George H., South Charleston, and R. W. McNamee, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Isomerization of alkylene oxides. 2,159,507; May 23.
Law, Russell R., West Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Cathode ray tube electrode structures. 2,179,097; Nov. 7.
Lawarree, Henri. Brussels, Belgium. Manufacture of caustic soda. 2,167,404; July 25.
Lawatch, Rudolf. (See Skinner, E. C., and Lawatch.)
Lawler, Ernest A. (See Wallace, B. W., and Lawler.)
Lawless, Albert J., Dedham, assignor, by mesne assignments, to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Air conditioning system. 2,159,276; May 23.
Lawlor, Joseph P., Ames, Iowa. Automatic backwash filter control. 2,184,618; Dec. 26.
Lawlor, Simeon C., assignor to E. E. Doerr, Chicago, Ill. Mop holder. 2,149,095; Feb. 28.
Lawner, Nicholas. (See Duberstein, S., and Lawner.)
Lawrence, A. C., Leather Company. (See Beyster, Henry E., assignor.)
Lawrence, Andrew, Cle Elum, Wash. Adjustable fur stretcher. 2,142,755; Jan. 3.
Lawrence, Archibald R., Halifax, Nova Scotia, Canada. Hydraulic drill column. 2,159,092; May 23.
Lawrence Duck Company. (See Barrell, William A., assignor.)
Lawrence, Edwin, Cossipore, Calcutta, India. Oil extractor. 2,154,339; Apr. 11.

Lawrence, Frank, Masury, Ohio. Airplane propulsion. 2,178,725; Nov. 7.
Lawrence, Howard F. (See Sauter, W. V., and Lawrence.)
Lawrence, Howard F., assignor to American Engineering Company, Philadelphia, Pa. Fluid control device. 2,173,881; Sept. 26.
Lawrence, James P., assignor to The American Mono Rail Company, Cleveland, Ohio. Conveyer system drive. 2,162,688; June 13.
Lawrence, James P., Cleveland, Ohio, and E. Szekely, Milwaukee, Wis., assignor to The American MonoRail Company, Cleveland, Ohio. Method of and apparatus for removing lint. 2,175,608; Oct. 10.
Lawrence, Jay B., Glen Ellyn, Ill., assignor to American Decalcomania Company. Revenue stamp. 2,150,718; Mar. 14.
Lawrence, John H., Bronxville, assignor to Metropolitan Engineering Company, Brooklyn, N. Y. Boiler furnace wall and part therefor. 2,157,904; May 9.
Lawrence, John H., Bronxville, assignor to Metropolitan Engineering Company, Brooklyn, N. Y. Boiler. 2,169,843; Aug. 15.
Lawrence, John H., Bronxville, assignor to Metropolitan Engineering Company, Brooklyn, N. Y. Furnace floor. 2,173,690; Sept. 19.
Lawrence, Joseph L., assignor to W. King, San Francisco, Calif. Measuring cup. 2,155,317; Apr. 18.
Lawrence, Leland E., and R. O. Lewis, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Variable resistance unit. 2,144,925; Jan. 24.
Lawrence, Norman E., Fremont, Ohio. Rear wheel suspension for motor vehicles. 2,163,981; June 27.
Lawrence Pump and Engine Co. (See Dean, J. L., and Schmidt, assignors.)
Lawrence, Ralph E., Fresno, Calif. Vulcanizer. 2,144,724; Jan. 24.
Lawrence, Richard B., Detroit, Mich. Cooking device. 2,165,712; July 11.
Lawrence, Wayman C., Jr., assignor to The Nasal Filter Company, Columbus, Ohio. Special package for nasal filter mats. 2,142,276; Jan. 3.
Lawrence, William E., Cleveland Heights, Ohio. Variable speed transmission mechanism. 2,154,460; Apr. 18.
Lawrence, William E., Cleveland Heights, Ohio. Variable speed gearing mechanism. 2,155,198; Apr. 18.
Lawrence, William E., Cleveland Heights, Ohio. Transmission mechanism. 2,177,302; Oct. 24.
Lawrenson, Anthony. (See Bolton., C. R., Lawrenson, Hargreaves, Clements, and Brown.)
Lawrie, Leslie G., R. J. W. Reynolds, and E. E. Walker, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Production of laminated fabrics. 2,164,248; June 27.
Lawry, Arthur A., Valdosta, Ga. Dental pontics. 2,178,043; Oct. 31.
Lawry, Rolla, Tucson, Ariz., assignor to J. M. Gross, Rockville Centre, Long Island, N. Y. Color-comparing device. 2,168,352; Aug. 8.
Laws, Jeanne. (See Lincoln, Walter E., assignor.)
Lawson, Albert R., assignor to Appleford Paper Products, Ltd., Hamilton, Ontario, Canada. Manifolding book. 2,158,292; May 16.
Lawson, Albert R., assignor to Appleford Paper Products, Ltd., Hamilton, Ontario, Canada. Paper dispensing package. 2,165,106; July 4.
Lawson, Albert R., assignor to Appleford Paper Products, Ltd., Hamilton, Ontario, Canada. Package for dispensing paper sheets. 2,165,107; July 4.
Lawson, Axel A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for operating on shoe parts. 2,170,823; Aug. 29.
Lawson, Axel A., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for applying pressure to shoes. 2,175,474; Oct. 10.
Lawson, Birdsall P., New York, assignor to Ideal Fastener Corporation, Brooklyn, N. Y. Slider. 2,160,879; June 6.
Lawson, Duward A. (See Evans, W. B., and Lawson.)
Lawson, F. H., Company, The. (See Lumley, Maurice C., assignor.)
Lawson, Frans O., Greensboro, N. C. Antislipping device. 2,166,958; July 25.
Lawson, Fred E., St. Louis, Mo. Venetian blind. 2,149,301; Mar. 7.
Lawson, George S. (See Snyder, G., and Lawson.)
Lawson, Gottfrid C., Cleveland, Ohio. Venetian shade. 2,152,068; Mar. 28.
Lawson, John, Bristol, and R. H. Lawson, Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Full fashioned circular knitting machine. 2,143,952; Jan. 17.
Lawson, John, Bristol, and R. H. Lawson, Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Knitted fabric and knitting the same. 2,150,773; Mar. 14.
Lawson, John F., Nutley, N. J. Automatic damper. 2,179,940; Nov. 14.
Lawson, John W. (See Bluemle, A. A., and Lawson.)
Lawson, John W. (See Critchfield, R. M., and Lawson.)
Lawson, Leslie, assignor of one-fourth to L. Dudleston, Springfield, Ill. Combination dumping endgate and chute for vehicles. 2,146,676; Feb. 7.
Lawson, Oscar L., Lynn, Mass., assignor to National Development Co. Edge setting machine. 2,147,708; Feb. 21.
Lawson, Robert H. (See Lawson, John and R. H.)
Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Needle bed. 2,157,546; May 9.
Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Pattern means for knitting machines. 2,157,989; May 9.
Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Method and mechanism for transferring from rib to plain knitting. 2,175,297; Oct. 10.
Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Stop motion. 2,178,142; Oct. 31.
Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Split-foot knitting machine. 2,178,911; Nov. 7.
Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Bobbin stand. 2,179,015; Nov. 7.
Lawson, Robert H., Pawtucket, assignor to Hemphill Company, Central Falls, R. I. Knitted fabric. 2,179,336; Nov. 7.
Lawson, Robert H., Pawtucket, and A. N. Cloutier, Lonsdale, assignors to Hemphill Company, Central Falls, R. I. Knitting machine. 2,142,693; Jan. 3.
Lawson, Robert H., Pawtucket, and A. Gagne, assignors Hemphill Company, Central Falls, R. I. Knitting machine and method of knitting. 2,143,198; Jan. 10.
Lawson, Robert H., and W. L. Smith, Jr., Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Sinker cam for knitting machines. 2.145.986; Feb. 7.
Lawson, Robert H., Pawtucket, and I. H. C. Green, assignors to Hemphill Company, Central Falls, R. I. Wrap stripe knitting machine and method. 2,146,303; Feb. 7.
Lawson, Robert H., Pawtucket, and I. H. C. Green, assignors to Hemphill Company, Central Falls, R. I. Knitting machine. 2,146,750; Feb. 14.
Lawson, Robert H., and W. Armitage, Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Knitted fabric, method, and machine. 2,158,189; May 16.
Lawson, Robert H., and W. L. Smith, Jr., Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Yarn furnishing device. 2,158,547; May 16.
Lawson, Robert H., and W. L. Smith, Jr., Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Knitting machine. 2,159,942; May 23.
Lawson, Robert H., Pawtucket, and A. N. Cloutier, Lonsdale, assignors to Hemphill Company, Central Falls, R. I. Slip-foot knitting machine and method. 2,161,067; June 6.
Lawson, Robert H., and W. L. Smith, Jr., Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Stop motion. 2,165,975; July 11.
Lawson, Robert H., Pawtucket, and I. H. C. Green, assignors to Hemphill Company, Central Falls, R. I. Wrap stripe knitting machine. 2,167,390; July 25.
Lawson, Robert H., Pawtucket, and A. N. Cloutier, Lonsdale, assignors to Hemphill Company, Central Falls, R. I. Knitting machine for incorporating an elastic thread or yarn in a fabric. 2,168,224; Aug. 1.
Lawson, Robert H., Pawtucket, I. H. C. Green, Central Falls, and A. N. Cloutier, Lonsdale, assignors to Hemphill Company, Central Falls, R. I. Device for feeding yarn. 2,169,699; Aug. 15.
Lawson, Robert H., Pawtucket, and A. N. Cloutier, Lonsdale, assignors to Hemphill Company, Central Falls, R. I. Fabric take-up mechanism. 2,174.271; Sept. 26.
Lawson, Robert H., and W. Armitage, Pawtucket, assignors to Hemphill Company, Central Falls, R. I. Knitted fabric and method. 2,181,515; Nov. 28.
Lawson, Robert R., C. L. Bennett, and F. D. Urie, assignors to Elgin National Watch Company, Elgin, Ill. Apparatus and method for testing hairsprings and like devices. 2,158,725; May 16.
Lawson, Walter E. (See Burrows, L. A., and Lawson.)
Lawson, Walter E., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Waterproofing hygroscopic materials. 2,155,499; Apr. 25.
Lawson, Walter E., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Gelatinized high explosive composition and method of preparation. 2,159,973; May 30.
Lawson, Walter E., and C. P. Spaeth, Woodbury, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. N-nitroaryl polyhydroxy alkyl amino compounds and preparing the same. 2,159,804; May 23.
Lawson, William L. (See Githens, O. W., and Lawson.)
Lawton, Arthur, Cranston, R. I., assignor to Weil Mfg. Corporation, New York, N. Y. Fastening device and article to be fastened. 2,144,926; Jan. 24.
Lawton, Chester S., Ridgewood, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Telemetric apparatus for determining the tension on and angular direction of submarine cables during cable laying operations. 2,142,135; Jan. 3.
Lawton, Chester S., Ridgewood, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Apparatus for determining depth of submarine cable trench during cable laying operations. 2,142,136; Jan. 3.

Lawton, Chester S., Ridgewood, N. J., assigner to The Western Union Telegraph Company, New York, N. Y. System and apparatus for determining at a distance the angular position of a submarine device. 2,171,156; Aug. 29.
Lawton, Frank H., Spokane, Wash. Wrapping paper fixture. 2,156,502; May 2.
Lawton, Howard C. (See Bent, F. A., Loomis, and Lawton.)
Lawton, Ledra M., and L. W. Shutts, Lockport, N. Y., assignors to General Motors Corporation, Detroit, Mich. Tinned copper radiator fin. 2,147,709; Feb. 21.
Lawyer, Ira B., Mount Gilead, Ohio, assignor to The Hydraulic Press Corp. Inc., Wilmington, Del. Feeding mechanism for plastic extrusion molding machines. 2,159,559; May 23.
Laxo, Ed, Baltimore, Md., assignor to Owens-Illinois Can Company. Can turner. 2,162,457; June 13.
Lay, Charles H., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,146,081; Feb. 7.
Lay, Charles H., assignor to The Union Switch & Signal Company, Swissvale, Pa. Interlocking control apparatus. 2,167,027; July 25.
Lay, Roy L., Rocky Ford, Colo. Moisture trap for dry pipes. 2,174,794; Oct. 3.
Layfield, Jester L., Powell, Tex. Artificial fish lure. 2,179,641; Nov. 14.
Layman, Elbert L. (See Minyard, I. T., and Layman.)
Layman, Theodore D., Indianapolis, Ind. Index directional signal. 2,144,294; Jan. 17.
Laymon, Herman B. (See Irwin, Justus C., assignor.)
Layne and Bowler, Incorporated. (See Sinclair, John M., assignor.)
Layne, Curtis, Watsonville, Calif. Pocket antiseptic dispenser. 2,180,248; Nov. 14.
Layne, Leslie A. (See Bean, Ruric N., assignor.)
Layne, Leslie A. (See Bean, R. N., Block, and Layne.)
Layne, Leslie A. (See Block, Harold C., assignor.)
Layne, Leslie A. (See Mundt, L. C., and Roco, assignors.)
Layne, Leslie A. (See Park, Tracy S., assignor.)
Layne, Leslie A. (See van Westrum, Colby, assignor.)
Layne, Leslie A., Houston, Tex. Well strainer. 2,155,719; Apr. 25.
Layne, Leslie A., Houston, Tex. Well strainer. 2,155,720; Apr. 25.
Layne, Leslie A., Houston, Tex. Boat drive. 2,161,068; June 6.
Layne, Leslie A., Houston, Tex. Well cementing. 2,162,261; June 13.
Layne, Leslie A., Houston, Tex. Screen protector. 2,174,795; Oct. 3.
Layne, Leslie A., Houston, Tex., assignor to The Texas Company. Well graveling and developing assembly and method. 2,154,461; Apr. 18.
Layne, Leslie A., Houston, Tex., assignor to The Texas Company. Graveling oil wells. 2,173,119; Sept. 19.
Layne, Leslie A., and L. C. Mundt, Houston, Tex., said Mundt assignor to said Layne. Wash-pipe anchor. 2,155,718; Apr. 25.
Layne, Leslie A., and H. C. Block, Houston, Tex.; said Block assignor to said Layne. Automatic bleeder. 2,169,561; Aug. 15.
Layous, Laurent. (See Estep, Russel, assignor.)
Laystrom, C. A. (See Barna, Joseph W., assignor.)
Laystrom, Carl A. (See Barna, Joseph W., assignor.)
Laystrom, Hilding A., assignor to Quality Hardware and Machine Corporation, Chicago, Ill. Lamp socket assembly. 2,175,844; Oct. 10.
Layte, Ralph R., Short Hills, and M. M. McCoy, Whippany, assignors to Motor Improvements, Inc., Newark, N. J. Filter. 2,158,512; May 16.
Lazar, Arthur. (See McCormick, T. F., and Lazar.)
Lazar, Arthur, and T. F. McCormick, assignors, by mesne assignments, to Tide Water Associated Oil Company, San Francisco, Calif. Treatment of light petroleum distillates. 2,175,437; Oct. 10.
Lazaridés, Dimophon, London, England. Ashtray for smoker's use. 2,145,517; Jan. 31.
Lazarus, Harry, New York, N. Y. Colonic irrigator. 2,157,614; May 9.
Lazich, Branko, Edgewood, and P. K. Eckhardt, assignors to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,166,910; July 18.
Lazich, Branko, Edgewood, and H. E. Ashworth, assignors to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,172,888; Sept. 12.
Lazier, Wilbur A. (See Barrett, H. J., and Lazier.)
Lazier, Wilbur A. (See Deem, A. G., and Lazier.)
Lazier, Wilbur A. (See Howk, B. W., and Lazier.)
Lazier, Wilbur A., New Castle County, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Process and apparatus for the production of adiponitrile. 2,144,340; Jan. 17.
Lazier, Wilbur A., New Castle County, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Esterification of olefine. 2,174,985; Oct. 3.
Lazier, Wilbur A., New Castle County, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic formation of long-chain aldehydes. 2,178,761; Nov. 7.
Lazier, Wilbur A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Priming mixtures. 2,157,669; May 9.
Lazier, Wilbur A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dehydrogenation of hydroxy carboxylic acids and esters thereof. 2,178,760; Nov. 7.
Lazier, Wilbur A., Wyckwood, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkyl cyclohexanones and producing same. 2,163,284; June 20.
Lazier, Wilbur A., Wyckwood, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing polyesters. 2,182,991; Dec. 12.
Lazier, Wilbur A., and G. W. Rigby, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Catalytic hydrogenation of epsilon-caprolactam to amines. 2,181,140; Nov. 28.
Lazna, James J., Shaker Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck. 2,176,909; Oct. 24.
Lazzari, Julia, New York, N. Y. Brassière. 2,147,375; Feb. 14.
Lea, Edward S., Morrisville, Pa., assignor, by mesne assignments, to G. Von Seebeck, New York, N. Y. Air conditioning apparatus. 2,143,628; Jan. 10.
Lea, Edward S., Morrisville, Pa., assignor to G. Von Seebeck, New York, N. Y. Cone type centrifugal pump. 2,149,921; Mar. 7.
Lea, Edward S., Morrisville, Pa., assignor to G. Von Seebeck, trustee, New York, N. Y. Air conditioning apparatus. 2,153,932; Apr. 11.
Lea, William G., Rome, Ga., assignor to Tubize Chatillon Corporation, New York, N. Y. Winding yarn. 2,159,032; May 23.
Leach, Charles H., Roselle, N. J. Heat exchange apparatus. 2,184,308; Dec. 26.
Leach, Edward A., Schenectady, N. Y., assignor to General Electric Company. Temperature compensated inductance coil. 2,148,302; Feb. 21.
Leach, Edward A., Schenectady, N. Y., assignor to General Electric Company. Protective apparatus. 2,152,490; Mar. 28.
Leach & Garner Company. (See Garner, Stephen H., assignor.)
Leach, Horace, Torquay, England. Apparatus for playing a game of skill. 2,155,794; Apr. 25.
Leach, William W., Warren, Ohio. Apparatus for transferring sheets. 2,183,293; Dec. 12.
Leadbetter, Ralph L. (See Chipley, A. S., and Leadbetter.)
Leader, Florence. (See Leader, George W., Sr., assignor.)
Leader, Forest D., Oakland, Calif. Face shield. 2,152,383; Mar. 28.
Leader, George Washington, Sr., assignor of one-half to F. Leader, Philadelphia, Pa. Necktie. 2,150,861; Mar. 14.
Leader, John H. (See Getz, J. B., and Leader.)
Leahey, Francis P., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Wire cleaning device. 2,178,912; Nov. 7.
Leake, James M., assignor to Toledo Stamping and Manufacturing Company, Toledo, Ohio. Rocker arm. 2,176,083; Oct. 17.
Leaman, Thomas P., Babylon, N. Y. Universal joint. 2,149,352; Mar. 7.
Lear, Earl B., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Tool retainer. 2,158,190; May 16.
Lear, Earl B., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Wagon drill. 2,168,905; Aug. 8.
Lear, Earl B., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Blowing device for rock drills. 2,177,391; Oct. 24.
Lear, Joseph D., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Noncreeping barrel. 2,144,069; Jan. 17.
Lear, Joseph D., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Helical fin wrapping machine. 2,152,437; Mar. 28.
Lear, Joseph D., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Machine for assembling fins and tubes. 2,154,855; Apr. 18.
Learned, John. (See Cheney, F. D., and Learned.)
Leary, Edward J., Chicago, Ill. Lifting device. 2,168,906; Aug. 8.
Leary, Howard A., Providence, R. I. Handle construction. 2,142,137; Jan. 3.
Leary, James W., Bloomfield, N. J., assignor to American Machine & Foundry Company. Cigarette tipper. 2,167,119; July 25.
Leary, James W., Bloomfield, N. Y., assignor to American Machine & Foundry Company. Sponge rubber roller and making the same. 2,167,215; July 25.
Leary, James W., Bloomfield, N. J., assignor to American Machine & Foundry Company. Tobacco feed for cigarette machines. 2,175,404; Oct. 10.
Leary, Marshall L., Columbus, Ga., assignor to The Consolidated Expanded Metal Companies, Wheeling, W. Va. Wall construction. 2,184,353; Dec. 26.
Lease, Glen M., York, Pa., assignor to The Dentists' Supply Company of New York, New York, N. Y. Pin for artificial teeth and making same. 2,169,731; Aug. 15.
Leatart, Howard A., Trona, Calif. World time indicating device. 2,169,956; Aug. 15.
Leatherbury, Lewis E., Elwood, Ind. Rug display means. 2,151,387; Mar. 21.

Leatherman, Martin, Hyattsville, Md. Fireproofing composition. 2,167,278; July 25.
Leathers, Ward, Haworth, N. J., assignor to Quadrex Corporation, New York, N. Y. Floor wheel for vacuum cleaner nozzles. 2,145,549; Jan. 31.
Leavelle, A. B. (See Stannard, Benjamin F., assignor.)
Leavenworth, Frank G., Oak Park, assignor to W. Hartman, trustee, Chicago, Ill. Apparatus for indicating the amount of pressure in automobile tires. 2,155,903; Apr. 25.
Leavenworth, Frank G., Oak Park, assignor, by mesne assignments, to Packers Machinery Company, Chicago, Ill. Measuring and distributing machine. 2,156,917; May 2.
Leavenworth, Frank G., Oak Park, and M. J. Green, assignors to W. Hartman, trustee, Chicago, Ill. Apparatus for indicating the amount of pressure in pneumatic tires for automobiles. 2,155,865; Apr. 25.
Leavitt, Earl A. (See Leavitt, Leo B., and E. A.)
Leavitt, Leo B., and E. A., Chicago, Ill. Polishing pad package and preparing same. 2,163,046; June 20.
Le Baron, Theodore. (See Molin, L. A., and Le Baron.)
Le Beau, Ernest A., assignor to Chicago Railway Equipment Company, Chicago, Ill. Railway brake gear device. 2,170,532; Aug. 22.
Lebedeff, Yurii E. (See Betterton, J. O., and Lebedeff.)
Leber, Alois, Wiener-Neustadt, Nieder-Oesterreisch, Austria. Optical light exposure meter. 2,163,205; June 20.
Lebert, Peter, Chicago, and R. Dack, Congress Park, assignors to G. & L. Machine & Tool Works, Chicago, Ill. Holder assembly for reflector type floor lamps. 2,160,157; May 30.
Le Bleu, Charles, Los Angeles, Calif. Scraper. 2,148,359; Feb. 21.
Le Bleu, Charles, Los Angeles, Calif. Heavy duty scraper. 2,152,700; Apr. 4.
Le Bleu, Charles, Los Angeles, Calif. Scraper. 2,159,438; May 23.
Le Bleu, Charles, Los Angeles, Calif. Trail builder, bulldozer, and the like. 2,160,596; May 30.
Le Bleu, Charles, Los Angeles, Calif. Bulldozer. 2,160,702; May 30.
LeBleu, Charles, Los Angeles, Calif. Scraper. 2,164,461; July 4.
Le Bleu, Charles, Los Angeles, Calif. Scraper. 2,181,760; Nov. 28.
Le Bleu, Charles, Los Angeles, Calif. Heavy duty scraper. 2,182,670; Dec. 5.
Le Bleu, Charles, Los Angeles, Calif. Trail builder, bulldozer, and the like. 2,184,688; Dec. 26.
Le Bleu, Charles, assignor to Emsco Derrick and Equipment Company, Los Angeles, Calif. Hydraulically operated scraper and the like. 2,160,595; May 30.
Le Blond, R. K., Machine Tool Company. (See Groene, Willard L., assignor.)
Le Blond, R. K., Machine Tool Company, The. (See Groene, William F., assignor.)
Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., and Kemper, assignors.)
Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., and Luning, assignors.)
Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., and Meyer, assignors.)
Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., and Siekmann, assignors.)
Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., Siekmann, and Meyer, assignors.)
Le Blond, R. K., Machine Tool Company, The. (See Le Blond, Richard K., assignor.)
Le Blond, R. K., Machine Tool Company, The. (See Siekmann, Harold J., assignor.)
Le Blond, R. K., Machine Tool Company, The. (See Pierle, Henry C., assignor.)
Le Blond, Richard K., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Attachment for cutter grinder. 2,164,212; June 27.
Le Blond, Richard K., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Attachment for cutter grinders. 2,182,231; Dec. 5.
Lebo, Robert B., Elizabeth, N. J., assignor to Stanco, Incorporated. Corrosion preventive. 2,182,992; Dec. 12.
Lebocey, Gaston, Troyes, France. Automatic variable output feeder for shaped knitted articles. 2,182,295; Dec. 5.
Le Boeuf-Pilgrim Pen Co. (See Bessette, Homer J., assignor.)
Le Bus, George F., Longview, Tex. Side tracker for oil well equipment. 2,147,491; Feb. 14.
Le Bus, George F., Longview, Tex. Self-aligning clutch. 2,180,597; Nov. 21.
Lebus, William A., assignor to Protectoseal Company of America, Inc., Chicago, Ill. Safety can. 2,172,142; Sept. 5.
Lecher, Hans Z., Plainfield, and M. Scalera, Somerville, assignors to The Calco Chemical Company, Inc., Bound Brook, N. J. Solution of alkali metal salts of polynuclear phenols. 2,152,851; Apr. 4.
Lecher, Hans Z., Plainfield, and R. P. Parker, Somerville, assignors to The Calco Chemical Company, Inc., Bound Brook, N. J. Stable ice color producing compositions. 2,154,405; Apr. 11.
Lecher, Hans Z., Plainfield, and H. P. Orem, North Plainfield, N. J., assignors, by mesne assignments, to American Cyanamid Company, New York, N. Y. Diazo derivatives of guanidyl sulphonic acids. 2,185,152; Dec. 26.
Lecher, Hans Z., Plainfield, and H. P. Orem, North Plainfield, N. J., assignors, by mesne assignments, to American Cyanamid Company, New York, N. Y. Stable ice color producing compositions. 2,185,153; Dec. 26.
Lecher, Hans Z., Plainfield, F. H. Adams, Somerville, and H. P. Orem, North Plainfield, N. J., assignors, by mesne assignments, to American Cyanamid Company, New York, N. Y. Diazo derivatives of guanidyl acids. 2,185,154; Dec. 26.
Le Clair, Archile J., Plaistow, N. H. Air-conditioned shoe. 2,164,877; July 4.
Le Claire, William, Roundup, Mont. Compression apparatus. 2,157,615; May 9.
Lecorguillier, Jean, Suresnes, France, assignor to Société Anonyme pour les Applications de l'Electricité et des Gaz Rares, Etablissements Claude-Paz & Silva. Electrode. 2,173,208; Sept. 19.
Lecorguillier, Jean, Suresnes, assignor to Société Anonyme pour les Applications de l'Electricité et des Gaz Rares, Etablissements Claude-Paz & Silva, Paris, France. Electric gaseous discharge device. 2,177,895; Oct. 31.
Lecorguillier, Jean, Suresnes, assignor to Société Anonyme pour les Applications de l'Electricité et des Gaz Rares, Etablissements Claude-Paz & Silva, Paris, (Seine), France. Method of and means for eliminating occluded gases from an enclosure. 2,178,326; Oct. 31.
Ledbetter, Elmer E., Dearborn, Mich. Finned tube and forming the same. 2,161,898; June 13.
Ledbetter, Willie W., Gladewater, assignor to W. T. Olsen, Harris County, Tex. Treating crude oil. 2,162,281; June 13.
Ledeboer, John W., assignor to Keasbey & Mattison Company, Ambler, Pa. Making shingles. 2,183,965; Dec. 19.
Lederer, Ernest A., Essex Fells, N. J., assignor, by mesne assignments, to Radio Corporation of America. Getter. 2,154,131; Apr. 11.
Lederer, Ernest A., Essex Fells, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Active metal compounds for vacuum tubes. 2,173,258; Sept. 19.
Lederer, Ernest A., Essex Fells, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Active metal compound for vacuum tubes. 2,173,259; Sept. 19.
Lederer, Ernest A., Essex Fells, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron emitter. 2,175,696; Oct. 10.
Lederer, Erwin R., and G. M. Pfau, Fort Worth, Tex., assignors, by mesne assignments, to said Lederer. Refining mineral oils. 2,142,359; Jan. 3.
Lederer, Harry E. (See Means, R. R., and Lederer.)
Lederer, Karl M., Newark, and A. Dempster, Linden, assignors to Weston Electrical Instrument Corporation, Newark, N. J. Resistance element. 2,149,448; Mar. 7.
Lederle, Ekbert, Ludwigshafen-on-the-Rhine, Germany, assignor to General Dyestuff Corporation, New York, N. Y. Producing red chromium pigments. 2,157,712; May 9.
Lederle Laboratories, Inc. (See Parfentjev, Ivan A., assignor.)
Ledin, Charles, assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Combination padlock. 2,175,808; Oct. 10.
Ledin, Sven H. (See Schönander, N. G., and Ledin.)
Lednum, Edmund T. (See Holran, J. R., and Lednum.)
Leduc, Henri A (See Dufour, R. A., and Leduc.)
Ledwinka, Hans, Koprivnice, Czechoslovakia. Power vehicle. 2,143,889; Jan. 17.
Ledwinka, Hans, Koprivnice, Moravia, Czechoslovakia. Air-cooled internal combustion engine. 2,175,533; Oct. 10.
Ledwinka, Hans, Morava, Czechoslovakia. Final drive gear for vehicles with swinging half-axles. 2,145,183; Jan. 24.
Ledwinka, Joseph, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Induced shunting. 2,150,774; Mar. 14.
Ledwinka, Joseph, assignor to Budd Wheel Company, Philadelphia, Pa. Vehicle brake. 2,172,049; Sept. 5.
Lee, Alan P., New York, N. Y. Distillation and purification of carbonizable organic materials. 2,177,664; Oct. 31.
Lee Angular Drill Corporation. (See Lee, Robert E., assignor.)
Lee, Bernard J., and H. Gora, Bridgeport, Conn., assignors to Jenkins Bros., New York, N. Y. Flexible beading. 2,171,728; Sept. 5.
Lee, Bert, Sacramento, Calif., assignor to A. J. Musselman, Cleveland Heights, Ohio. Two-speed coaster brake. 2,182,025; Dec. 5.
Lee, Charles A., Kansas City, Kans. Explosive engine. 2,153,870; Apr. 11.
Lee, Charles L., deceased, by L. J. Lee, executrix, assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,167,760; Aug. 1.
Lee, Charles L., deceased, by L. J. Lee, executrix, assignor to The National Cash Register Company, Dayton, Ohio. Accounting machine. 2,181,975; Dec. 5.

Lee, Clarence L., New York, N. Y. Speed signaling means for automotive vehicles. 2,146,304; Feb. 7.
Lee, Clarence O., and H. A. Smith, Port Sulphur, La., assignors, by mesne assignments, to Freeport Sulphur Company. Purifying sulphur. 2,169,261; Aug. 15.
Lee, Clarence O., and H. A. Smith, Port Sulphur, La., assignors to Freeport Sulphur Company, Freeport, Tex. Apparatus for purifying sulphur. 2,169,262; Aug. 15.
Lee, Edward F., Detroit, Mich. Cooling system for metal barrels. 2,151,856; Mar. 28.
Lee Electric Corporation. (See Howey, W., Woodward, and Hancock, assignors.)
Lee Engineering Research Corporation. (See Lee, R., and Lueders, assignors.)
Lee, Filemon T., and A. D. Henry, San Francisco, Calif. Aligning and racket stringing device. 2,157,616; May 9.
Lee, Frank L., Detroit, Mich. Reproduction of graining. 2,171,578; Sept. 5.
Lee, Fred M., Dearborn, assignor to American Lady Corset Company, Detroit, Mich. Sewing machine. 2,155,722; Apr. 25.
Lee, George A. (See Coleman, A. M., Bater, and Lee.)
Lee, George L., Maplewood, N. J. Display apparatus. 2,182,441; Dec. 5.
Lee Guinness Hydro-Pulsator Company Limited. (See Boxall, Frederick C., assignor.)
Lee, Halfdan, executor. (See Lee, Leif.)
Lee, Harley C., Columbus, assignor, by mesne assignments, to Society for Savings in the City of Cleveland, Cleveland, Ohio. Glass-making material. 2,155,721; Apr. 25.
Lee, Harry A., Kansas City, Kans., assignor to F. L. Talge, operating as Rival Manufacturing Company, Kansas City, Mo. Electric broiler. 2,168,604; Aug. 8.
Lee, Henry B., assignor to The Ludlow Valve Manufacturing Co. Inc., Troy, N. Y. Valve. 2,181,059; Nov. 21.
Lee, Henry R., South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Anthraquinone acid wool dyestuff. 2,172,763; Sept. 12.
Lee, Henry R., South Milwaukee, and D. X. Klein, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of dibromoaminoanthraquinone compounds and products obtainable thereby. 2,169,196; Aug. 8.
Lee, Henry R., South Milwaukee, and D. X. Klein, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Anthraquinone acid wool dyestuffs. 2,170,385; Aug. 22.
Lee, James E., Grand Haven, assignor to The Challenge Machinery Company, Grand Haven, Mich. Roller chain bearing. 2,171,854; Sept. 5.
Lee, James E., and F. Barney, assignors to The Challenge Machinery Company, Grand Haven, Mich. Proof press. 2,162,816; June 20.
Lee, James W. (See Barney, F., and Lee.)
Lee, John G., Farmington, assignor to United Aircraft Corporation, East Hartford, Conn. Control device for airplanes. 2,164,531; July 4.
Lee, John H., Jr., Oak Park, and R. L. Willis, Chicago, Ill., assignors to Metal Specialties Manufacturing Co. Roller skate. 2,180,062; Nov. 14.
Lee, John W., Dayton, Ohio. Computing device. 2,156,568; May 2.
Lee Leefe J., executrix. (See Lee, Charles L.)
Lee, Leif, deceased, Youngstown, Ohio; H. Lee, executor. Circulation of air for heating. 2,146,122; Feb. 7.
Lee, Leif, Youngstown, Ohio, deceased; H. Lee, executor. Air heating system. 2,180,532; Nov. 21.
Lee, Mack C., Rayne, La., assignor of one-fourth to C. Porter, Port Arthur, Tex. Sugarcane cutter. 2,164,249; June 27.
Lee, Martin L., Brooklyn, N. Y. Game. 2,179,471; Nov. 7.
Lee Metal Products Company. (See Tay, George H., assignor.)
Lee, Orval W., Spokane, Wash. Ophthalmic apparatus. 2,147,448; Feb. 14.
Lee, Orval W., Spokane, Wash. Method of and apparatus for determining pupillary distance. 2,159,277; May 23.
Lee, Paul R., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Thermostat. 2,157,857; May 9.
Lee, Paul R., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Manual reset thermostat. 2,162,485; June 13.
Lee, Reuben, Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Time delay for rectifier tubes. 2,147,449; Feb. 14.
Lee, Robert E., Coleman, assignor to Lee Angular Drill Corporation, Dallas, Tex. Treating a producing formation. 2,171,416; Aug. 29.
Lee, Roger K., assignor to Chrysler Corporation, Highland Park, Mich. Door for closed body vehicles. 2,144,161; Jan. 17.
Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Engine valve operating mechanism. 2,154,573; Apr. 18.
Lee, Roger K., assignor to Chrysler Corporation, Highland Park, Mich. Engine. 2,159,331; May 23.
Lee, Roger K., assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle. 2,159,332; May 23.
Lee, Roger K., assignor to Chrysler Corporation, Highland Park, Mich. Engine. 2,162,817; June 20.
Lee, Roger K., assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle. 2,177,896; Oct. 31.
Lee, Roger K., assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle. 2,177,897; Oct. 31.
Lee, Roger K., Highland Park, assignor to Chrysler Corporation, Detroit, Mich. Internal combustion engine. 2,179,938; Nov. 14.
Lee, Roger K., Highland Park, and C. A. Tea, assignors to Chrysler Corporation, Detroit, Mich. Vehicle spring suspension. 2,173,652; Sept. 19.
Lee, Royal, Milwaukee, Wis. Shaft coupling. 2,151,477; Mar. 21.
Lee, Royal, Milwaukee, and W. E. Lueders, Wauwatosa, assignors to Lee Engineering Research Corporation, Milwaukee, Wis. Protective means for motor speed regulators. 2,143,920; Jan. 17.
Lee, Say L., New York, N. Y. Fish knife. 2,142,197; Jan. 3.
Lee, Ulysses G., assignor, by mesne assignments, to Valley Appliances Company, Chicago, Ill. Fluid circulation apparatus. 2,150,101; Mar. 7.
Lee, Walter J., Cuyahoga Falls, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Safety inner tube for pneumatic tires. 2,173,065; Sept. 12.
Lee, William F., Glendale, S. C. Drawing traverse. 2,184,717; Dec. 26.
Lee, William M., Covington, and W. H. Haupt, Ludlow, assignors to The Kelley-Koett Manufacturing Company, Inc., Covington, Ky. X-ray apparatus. 2,168,801; Aug. 8.
Lee Wilson Sales Corporation. (See Woodson, James C., assignor.)
Leeb, Frank, Culver City, Calif. Airplane propeller blade. 2,175,609; Oct. 10.
Leece, Bennett M., Shaker Heights, assignor to The Leece-Neville Company, Cleveland, Ohio. Variable speed transmission. 2,180,474; Nov. 21.
Leece-Neville Company, The. (See Leece, Bennett M., assignor.)
Leece-Neville Company, The. (See Stewart, Seymour F., assignor.)
Leech, Kenneth H. (See Kershaw, A. G., and Leech.)
Leech, Thomas B. (See Praeger, F. H., and Leech.)
Leechgrip Company. (See Spencer, Herman J., assignor.)
Leedham, Leslie H., assignor to Wildt and Company Limited, Leicester, England. Patterning mechanism for knitting machines. 2,143,832; Jan. 10.
Leeds, Laurance M., Scotia, N. Y., assignor to General Electric Company. Antenna system. 2,158,875; May 16.
Leeds & Northrup Company. (See Davis, Elwood T., assignor.)
Leeds & Northrup Company. (See Davis, E. T., and Wunsch, assignors.)
Leeds and Northrup Company. (See Harsch, John W., assignor.)
Leeds & Northrup Company. (See Machler, Raymond C., assignor.)
Leeds & Northrup Company. (See Mead, Harold G., assignor.)
Leeds & Northrup Company. (See Rosecrans, Crandall Z., assignor.)
Leeds & Northrup Company. (See Stein, Irving M., assignor.)
Leeds and Northrup Company. (See Wunsch, Felix, assignor.)
Leeds, Winthrop M., Wilkinsburg, and B. P. Baker, Turtle Creek, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,154,515; Apr. 18.
Leef Bros. Inc. (See Leef, John H., assignor.)
Leef, John H., Minneapolis, Minn. Garment leg and sleeve ironer. 2,180,939; Nov. 21.
Leef, John H., Minneapolis, Minn. Apparatus for pressing tubular garment elements. 2,180,940; Nov. 21.
Leef, John H., Minneapolis, Minn. Garment leg ironer. 2,180,941; Nov. 21.
Leef, John H., Minneapolis, Minn. Garment sleeve ironer. 2,180,942; Nov. 21.
Leef, John H., assignor to Leef Bros. Inc., Minneapolis, Minn. Method of and apparatus for pressing tubular garment elements. 2,180,938; Nov. 21.
Leeks, Bert H. (See Griggs, J. O., and Leeks.)
Leemans, Joseph P., assignor to Société Générale Metallurgique de Hoboken, Hoboken-lez-Anvers, Belgium. Treatment of materials containing tantalum and/or niobium. 2,150,555; Mar. 14.
Leemans, Joseph P., Hoboken, near Antwerp, assignor to Société Générale Metallurgique de Hoboken, Hoboken near Anvers, Belgium. Treatment of substances containing tantalum and niobium. 2,164,279; June 27.
Leemans, Joseph P., assignor to Société Générale Metallurgique de Hoboken, Hoboken, near Antwerp, Belgium. Treatment of materials containing tantalum and niobium. 2,183,517; Dec. 12.
Leemhuis, Johannes C. P., Johannesburg, Transvaal, Union of South Africa, assignor of one-half to H. Shoenhaut, Los Angeles, Calif. Building construction. 2,171,001; Aug. 29.
Leenhouts, A. Donald. (See Leenhouts, Abram and A. D.)
Leenhouts, Abram and A. D., Holland, Mich. Inhaler. 2,168,573; Aug. 8.
Leeper, Vera, Yorktown Heights, N. Y. Puppet. 2,155,665; Apr. 25.
Leermakers, John A. (See McNally, J. G., and Leermakers.)

Leermakers, John A., assignor to Eastman Kodak Company, Rochester, N. Y. Direct positive emulsion. 2,184,013; Dec. 19.
Lees, Arthur W. (See Sucharski, C. J., and Lees.)
Lees-Bradner Company, The. (See Hawgood, Harvey R., assignor.)
Lees-Bradner Company, The. (See Schurr, Charles H., assignor.)
Lees, James & Sons, Inc. (See Oberholtzer, Robert E., assignor.)
Lees, Robert E., and J. S. Wilson, Twin Rocks, Pa. Tire chain clamp. 2,166,869; July 18.
Leese, Joseph. (See Green, S., Spector, and Leese.)
Leeson, William M., Glens Falls, assignor to The Sandy Hill Iron & Brass Works, Hudson Falls, N. Y. Cylinder paper-making machine. 2,138,376; Feb. 21.
Lefebure Corporation. (See Hruska, F. J., and Greedy, assignors.)
Lefebure, Victor. (See Douglas, A. H., and Lefebure.)
Lefere, Alidor, assignor to Lefere Forge & Machine Company, Jackson, Mich. Making bearing seats. 2,175,084; Oct. 3.
Lefere, Alidor, assignor to Lefere Forge & Machine Company, Jackson, Mich. Explosive shell and making the same. 2,183,502; Dec. 12.
Lefere Forge & Machine Company. (See Lefere, Alidor, assignor.)
Le Fevre, Arden W., and T. Paul, assignors to Stewart-Warner Corporation, Chicago, Ill. Magnetic speedometer. 2,142,248; Jan. 3.
Le Fevre, Arden W., and W. H. Farr, Chicago, and G. E. Coxon, Cicero, and J. B. Whitted, Evanston, assignors to Stewart-Warner Corporation, Chicago, Ill. Electric speedometer. 2,159,333; May 23.
Le Fevre, Arden W., and T. Paul, Chicago, and G. E. Coxon, Cicero, assignors to Stewart-Warner Corporation, Chicago, Ill. Electric speedometer. 2,159,389; May 23.
Lefevre, Emil B., assignor to Detroit Gasket and Manufacturing Company, Detroit, Mich. Glass run for slidable windows. 2,155,559; Apr. 25.
Lefevre, Emil B. G., Detroit, Mich. Gooseneck hinge. 2,143,736; Jan. 10.
Lefevre, Emil B. G., assignor to National Stamping Company, Detroit, Mich. Door check. 2,155,167; Apr. 18.
Lefevre, Joseph, Lynn, Mass. Welt sewing attachment. 2,168,776; Aug. 8.
Le Fevre, Ralph A., Rochester, N. Y. Gaiter. 2,144,765; Jan. 24.
Le Fevre, Walter J. (See Britton, E. C., Le Fevre, and Hallonquist.)
Lefferdink, Berend W. and G. G., Firth, Nebr. Straw hood lifter and belt releaser. 2,182,592; Dec. 5.
Lefferdink, Glenn G. (See Lefferdink, Berend W. and G. G.)
Leffler, Carl, and L. B. Gosselin, Greeley, Colorada. Machine for destroying grasshoppers or the like. 2,167,923; Aug. 1.
Leffler, Edmund J., Glendale, Calif. Applicator. 2,180,533; Nov. 21.
Lefier Corporation. (See Fisher, G., Tandler, and Carlisle, assignors.)
Lefier Patent Company. (See Ruinnet, Yves, assignor.)
Lefier Patent Company. (See Tandler, W. S., and Walker, assignors.)
Lefkowitz, Charles M., assignor to E. Weisberger, New York, N. Y. Electric switch. 2,143,158; Jan. 10.
Le Frank, John D., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Press clutch. 2,148,481; Feb. 28.
Le Gall, Jean, Nanterre, France, assignor, by mesne assignments, to American Rezo, Inc., Montclair, N. J. Hollow panel. 2,171,358; Aug. 29.
Legarda, Vicente L., Manila, P. I. Roof. 2,167,048; July 25.
Legat, Robert C., New Britain, Conn. Bumper guard. 2,166,816; July 18.
Legat, Robert C., assignor to G. E. Prentice Manufacturing Company, New Britain, Conn. Making guide holders. 2,146,964; Feb. 14.
Legault, Romeo R. (See Kharasch, M. S., and Legault.)
Légeron, Jean L., Riouperoux, France, assignor to Det norske Aktieselskab for Electrokemisk Industri, Oslo, Norway. Electrode and its suspension. 2,169,563; Aug. 15.
Legg, Victor E., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Magnet body and making the same. 2,158,132; May 16.
Legg, Victor E., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Making magnetic bodies. 2,169,732; Aug. 15.
Legge, Algeo, Los Angeles, Calif. Receptacle. 2,162,224; June 13.
Leggett, Cohen P., Fairmont, N. C. Attachment for plows. 2,174,829; Oct. 3.
Leggett and Platt Spring Bed and Manufacturing Company. (See Kirchner, Carl, assignor.)
Leggett, Rae H., Toledo Ohio. Vehicle wheel traction means. 2,174,944; Oct. 3.
Le Gloahec, Victor C. E., Rockland, Maine, assignor to Algin Corporation of America, New York, N. Y. Fixation of chlorophyllian colored matter. 2,163,147; June 20.
Legoff, Hiram M., and M. Lait, Denmark, Maine. Traction attachment for vehicles. 2,154,340; Apr. 11.
Le Grand, Cecil W., Des Moines, Iowa. Variable transmission unit. 2,148,759; Feb. 28.
Leguillon, Charles W., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Flooring. 2,184,146; Dec. 19.
Leguillon, Charles W., and O. F. Homeier, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Apparatus for operating upon articles. 2,177,898; Oct. 31.
Lehane, Timothy J. (See Parks, P. B., and Lehane.)
Lehman, Edward H. (See Johnson, G. A., and Lehman.)
Lehman, Edward H., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism. 2,148,565; Feb. 28.
Lehman, Edward H., assignor to W. H. Miner, Inc., Chicago, Ill. Friction shock absorbing mechanism and process of fitting parts. 2,171,659; Sept. 5.
Lehman, John L., St. Louis, Mo. Metal mixture. 2,151,217; Mar. 21.
Lehman, John R., Dayton, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Slotter knife. 2,142,566; Jan. 3.
Lehman, Meyer, New York, N. Y. Combined automatic phonograph and radio. 2,165,713; July 11.
Lehman, Robert E., St. Paul, Minn. Removable spout strainer. 2,183,773; Dec. 19.
Lehman, Roscoe E., and A. E. Roane, assignors to The W. H. Reisner Manufacturing Company, Hagerstown, Md. Electrical switch. 2,151,039; Mar. 21.
Lehmann, Erich, Priorau, Bitterfeld, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Hair dye. 2,162,458; June 13.
Lehmann, Fred. (See Lighter, M. C., and Lehmann.)
Lehmann, Herbert G., assignor to Automatic Devices Corporation, Bridgeport, Conn. Cigar lighter. 2,180,711; Nov. 21.
Lehmann, J. M., C. (See Jack, George, assignor.)
Lehmann, J. M., Company. (See Hollstein, Paul, assignor.)
Lehmann Machine Company. (See Carter, Lionel A., assignor.)
Lehmberg, William H., Sturbridge, assignor to American Optical Company, Southbridge, Mass. Respirator. 2,166,164; July 18.
Lehoczky, Peter, Rocky River, assignor of one-half to H. J. Speck, Cleveland, Ohio. X-ray machine. 2,144,114; Jan. 17.
Lehon Company, The. (See Leonard, Arthur G., Jr., assignor.)
Lehon Company, The. (See Mulroney, Richard J., assignor.)
Lehon Company, The. (See Pace, Anderson, Jr., assignor.)
Lehon Company, The. (See Stevens, Josiah B., assignor.)
Lehn, John U. (See Huebener, M. A., and Lehn.)
Lehn, John U., and J. D. Zahm, assignors to Animal Trap Company of America, Lititz, Pa. Animal trap. 2,161,874; June 13.
Lehnus, Edward L., Plover, Iowa. Radio control device. 2,157,291; May 9.
Lehr, Charles E., Bethlehem, Pa., assignor to Bethlehem Steel Company. Charging boxcar. 2,142,792; Jan. 3.
Lehr, Clarence G., Baltimore, Md. Mode of treating tea and coffee and product thereof. 2,169,957; Aug. 15.
Lehr, Ernst, and H. Granacher, Berlin, Germany, assignors to Askania-Werke A. G. Device for measuring mechanical movements. 2,183,459; Dec. 12.
Lehrer, Erwin. (See Stadler, R., Ackerman, and Lehrer.)
Lehwald, Carl J., Salem, Ohio. Container closure retainer. 2,170,758; Aug. 22.
Lehwald, Charles J. (See Lehwald, Paul G., assignor.)
Lehwald, Paul G., Milwaukee, assignor of one-half to C. J. Lehwald, Sun Prairie, Wis. Detachable heel. 2,149,893; Mar. 7.
Leibe, Frank A., Quakertown, Pa., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,175,202; Oct. 10.
Leibe, Frank A., Quakertown, Pa., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coupling circuits. 2,178,453; Oct. 31.
Leibenguth, Walter F., Mill River, Mass. Hen's nest. 2,174,326; Sept. 26.
Leibensperger, Charles I., and F. H. Thorpe, assignors to The Columbus Sucker Rod Company, Columbus, Ohio. Manufacturing sucker rod couplings and couplings so made. 2,157,713; May 9.
Leibing Automotive Devices, Inc. (See Leibing, William E., assignor.)
Leibing, William E., Sausalito, assignor to Leibing Automotive Devices, Inc., San Francisco, Calif. Governor. 2,153,047; Apr. 4.
Leibing, William E., assignor to Leibing Automotive Devices, Inc., Detroit, Mich. Governor. 2,153,048; Apr. 4.
Leiboff, Samuel L., New York, N. Y. Extraction process. 2,182,564; Dec. 5.
Leibow, Saul, assignor of forty per cent to I. Riffkin, Providence, R. I. Broiler utensil. 2,179,939; Nov. 14.
Leich Electric Co. (See Reid, Alexander C., assignor.)
Leich Electric Co. (See Reid, A. C., and McCreary, assignors.)
Leichsenring, Max, Jr., Chicago, Ill. Motor vehicle. 2,181,699; Nov. 28.
Leichsenring, Max, Jr., Chicago, Ill. Control means for driving and driven elements. 2,181,700; Nov. 28.

Leicht, Ernst W., Gittersee, assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Mueller & Co., Dresden, Germany. Pneumatic conveying pipe. 2,153,984; Apr. 11.
Leichtfuss, Fred, New York, N. Y. Collapsible trunk. 2,172,588; Sept. 12.
Leidig, Clarence A., Buffalo, assignor of forty-five per cent to S. C. Wead, North Tonawanda, N. Y. Heat exchange unit. 2,150,803; Mar. 14.
Leidig, Clarence A., Buffalo, assignor of forty-five per cent to S. C. Wead, North Tonawanda, N. Y. Heat exchange unit. 2,155,666; Apr. 25.
Leighton, George A., Boston, assignor to Sexton Can Company Incorporated, Everett, Mass. Can with spout protector. 2,163,952; June 27.
Leighton, John W., Port Huron, Mich. Independent wheel suspension. 2,143,274; Jan. 10.
Leighton, John W., Port Huron, Mich. Tie rod connection. 2,144,162; Jan. 17.
Leighton, John W., Port Huron, Mich. Wheel suspension. 2,145,360; Jan. 31.
Leighton, John W., Port Huron, Mich. Link connection and making same. 2,146,149; Feb. 7.
Leighton, John W., Port Huron, Mich. Hydraulic brake cylinder. 2,146,545; Feb. 7.
Leighton, John W., Port Huron, Mich. Hydraulic brake cylinder and making same. 2,154,817; Apr. 18.
Leighton, John W., Port Huron, Mich. Individual suspension. 2,167,984; Aug. 1.
Leighton, John W., Port Huron, Mich. Roller bearing shackle. 2,170,455; Aug. 22.
Leighton, John W., Port Huron, Mich. Individual springing. 2,173,973; Sept. 26.
Leighton, John W., Port Huron, Mich. Individual springing. 2,173,974; Sept. 26.
Leighton, John W., Port Huron, Mich. Threaded bearing. 2,175,298; Oct. 10.
Leighton, John W., Port Huron, Mich. Vehicle. 2,179,016; Nov. 7.
Leighton, John W., Port Huron, Mich. Threaded bearing and making the same. 2,179,856; Nov. 14.
Leighton, John W., Port Huron, Mich. Making bearings. 2,180,282; Nov. 14.
Leighton, John W., Port Huron, Mich. Making bearings. 2,180,283; Nov. 14.
Leighton, John W., Port Huron, assignor to The Manufacturers National Bank of Detroit, Detroit, Mich. Wheel arm joint. Re. 21,279; Nov. 28.
Leighton Machine Company. (See Rice John H., assignor.)
Leighton, Robert, London, England. Bookbinding machinery. 2,159,439; May 23.
Leinbach, William D., Milton, Pa. Warp beam. 2,144,070; Jan. 17.
Leinen, Arthur P., Chicago, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Fixture aligner. 2,173,172; Sept. 19.
Leinert, Wenzel W., New York, N. Y. Sundial. 2,164,532; July 4.
Leingang, William C., Philadelphia, and R. C. Rudisill, Glenside, assignors to The Electric Storage Battery Company, Philadelphia, Pa. Battery testing apparatus. 2,181,303; Nov. 28.
Leinhard, Frederick. (See Moisseiff, L. S., and Leinhard.)
Leininger, Henry H., Milwaukee, Wis. Heater. 2,173,367; Sept. 19.
Leins, Oscar J., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Magnetic switch. Re. 21,038; Mar. 28.
Leippe, Richard M., East Orange, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Watt-hour meter. 2,169,028; Aug. 8.
Leischner, Georg, Berlin-Schmockwitz, assignor to Julius Pintsch Kommanditgesellschaft, Berlin, Germany. Regulating transformer. 2,150,382; Mar. 14.
Leiser, Anne, et al. (See Leiser, Henry, assignor.)
Leiser, Henry, Denver, Colo., assignor to D. R. and A. Leiser. Safety device for ladders. 2,149,781; Mar. 7.
Leishman, Le Roy J., Los Angeles, Calif. Automatic tuner. 2,162,282; June 13.
Leishman, Le Roy J., Los Angeles, Calif. Turning control shafts to predetermined angular positions. 2,163,343; June 20.
Leisner, Henry J., assignor to The Hall Planetary Company, Philadelphia, Pa. Work centering and supporting means for milling machines. 2,169,467; Aug. 15.
Leisner, Paul W., Evanston, Ill. Bridge construction. 2,161,176; June 6.
Leisner, Paul W., Evanston, Ill. Bridge construction. 2,161,177; June 6.
Leismer, Paul W., Evanston, and B. M. Lockard, Oak Park, Ill. Rail cooling. 2,167,485; July 25.
Leiss, Franz. (See Berg, H., Heim, and Leiss.)
Leiss, Franz. (See Berg, H., and Leiss.)
Leissner, Edward E., assignor of one-half to A. J. Schossberger, New York, N. Y. Piston for internal combustion engines. 2,170,266; Aug. 22.
Leister, Fayette, Detroit, Mich., assignor to The Fafner Bearing Company, New Britain, Conn. Bearing. 2,160,220; May 30.
Leistner, Charles A., Covington, and R. Conway, Fort Thomas, Ky. Finishing device for cement surfaces. 2,181,375; Nov. 28.
Leisy, Arthur A. (See Wallace, F. C., and Leisy.)
Leitch, John D., Shaker Heights, assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Control of alternating current motors. 2,165,491; July 11.
Leiter, Harry H. (See Ford, Claude H., assignor.)
Leiter, Harry H. (See Longfellow, Earl E., assignor.)
Leitgebel, Willibald. (See Junker, E., and Leitgebel.)
Leitner, Franz, Kapfenberg, Steiermark, Austria, assignor to Gebr. Böhler & Co. Aktiengesellschaft Wien, Vienna, Germany. Welded article. 2,156,298; May 2.
Leitner, Franz, Kapfenberg, Austria, assignor to Gebr. Bohler & Co. Aktiengesellschaft Wien, Vienna, Germany. Welding rod. 2,156,299; May 2.
Leitz, E., Inc. (See Lukis, Ernest D., assignor.)
Leitz, E., Inc. (See Schenk, Friedrich, assignor.)
Leitz, Ernst, G. m. b. H. (See Albert, Wilhelm, assignor.)
Leitz, Ernst, G. m. b. H. (See Becker, Helmut, assignor.)
Leitz, Ernst, G. m. b. H. (See Becker, H., and Sanger, assignors.)
Leitz, Ernst, G. m. b. H. (See Berek, Max, assignor.)
Leitz, Ernst, G. m. b. H. (See Leitz, Ludwig, assignor.)
Leitz, Ernst, G. m. b. H. (See Leitz, L., and Albert, assignors.)
Leitz, Ernst, G. m. b. H. (See Maisch, Wilhelm, assignor.)
Leitz, Ernst, G. m. b. H. (See May, Erwin, assignor.)
Leitz, Ernst, G. m. b. H. (See Meinhardt, F., and Fricke, assignors.)
Leitz, Ernst, G. m. b. H. (See Mulch, Hans, assignor.)
Leitz, Ernst, G. m. b. H. (See Riepert, Hermann, assignor.)
Leitz, Ludwig, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Combined range finder and view finder. 2,151,124; Mar. 21.
Leitz, Ludwig, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Photographic camera. 2,157,547; May 9.
Leitz, Ludwig, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Photographic view finder. 2,157,548; May 9.
Leitz, Ludwig, and W. Albert, assignors to Ernst Leitz G. m. b. H., Wetzlar, Germany. Shutter mechanism for roll film cameras. 2,171,660; Sept. 5.
Leitz, Ludwig, and W. Albert, assignors to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Photographic camera. 2,178,344; Oct. 31.
Leja, Alfred H., assignor to A. O. Smith Corporation, Milwaukee, Wis. Ore concentrator. 2,161,476; June 6.
Leja, Alfred H., assignor to A. O. Smith Corporation, Milwaukee, Wis. Concentrating ores. 2,161,477; June 6.
Lejeune, Emile J. A. (See Lejeune, Léon S. M. and E. J. A.)
Le Jeune, Frank H., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Forming brake drums. 2,143,445; Jan. 10.
Le Jeune, Frank H., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Apparatus for forming castings. 2,150,510; Mar. 14.
Le Jeune, Frank H., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Metalworking machine. 2,154,004; Apr. 11.
Le Jeune, Frank H., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Metal-working machine. 2,154,983; Apr. 18.
Le Jeune, Frank H., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 2,155,667; Apr. 25.
Le Jeune, Frank H., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Metalworking machine. 2,159,901; May 23.
Le Jeune, Frank H., assignor to Kelsey-Hays Wheel Company, Detroit, Mich. Forming a vehicle wheel. 2,165,863; July 11.
Le Jeune, Frank H., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Manufacturing wheel body elements. 2,170,661; Aug. 22.
Le Jeune, Frank H., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Forming wheel disks. 2,178,143; Oct. 31.
Le Jeune, Frank H., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Apparatus for manufacturing vehicle wheel rims. 2,181,020; Nov. 21.
Le Jeune, Frank H., and J. E. Copeland, assignors to Kelsey-Hayes Wheel Company, Detroit, Mich. Machine for fashioning annular sheet metal articles. 2,159,900; May 23.
Le Jeune, Frank H., and J. E. Copeland, assignors to Kelsey-Hayes Wheel Company, Detroit, Mich. Forming drop-center wheel rims. 2,181,848; Nov. 28.
Lejeune, Léon S. M., Paris, France, assignor by mesne assignments, to Hevaloid Corporation, Dover, Del. Manufacture of elastic fabric. 2,153,964; Apr. 11.
Lejeune, Léon S. M., Paris, France, assignor by mesne assignments, to Hevaloid Corporation, Dover, Del. Manufacture of pneumatic tires. 2,153,965; Apr. 11.
Lejeune, Léon S. M., Paris, France, assignor by mesne assignments, to Hevaloid Corporation, Dover, Del. Manufacture of power transmission belts. 2,153,966; Apr. 11.
Lejeune, Léon S. M., Paris, and E. J. A. Lejeune, Lille, France, assignors, by mesne assignments, to Hevaloid Corporation, Dover, Del. Manufacture of elastic products with a textile basis. 2,153,963; Apr. 11.

Lejeune, Léon S. M., Paris, and E. J. A. Lejeune, Lille, France, assignors, by mesne assignments, to Hevaloid Corporation, Dover, Del. Manufacture of web cord. 2,153,967; Apr. 11.
Leland Electric Company, The. (See Leland, George H., assignor.)
Leland, George H., assignor to The Leland Electric Company, Dayton, Ohio. Position reversing device. 2,142,731; Jan. 3.
Leland-Gifford Company. (See Hirvonen, Eric J., assignor.)
Leland, Ragnvald G., New York, N. Y. Hair-waving apparatus. 2,155,975; Apr. 25.
Leland, Ragnvald G., New York, N. Y. Hair-waving apparatus. 2,158,800; May 16.
Lelong, Lucien, Inc. (See Buckingham, John D., assignor.)
Lelong, Lucien, Inc. (See Nell, Mildred, assignor.)
Leman, Arthur L., Houston, Tex., assignor to The National Supply Company, Pittsburgh, Pa. Stripper. 2,145,884; Feb. 7.
Leman, Henry W. (See Pallister, T. W., and Leman.)
Le Marchant, Percy A., Iver, Buckinghamshire, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Preselector system for radio receivers. 2,151,780; Mar. 28.
Lemasson, Roger P. F., Montrouge, France. High speed motor operating with heavy liquid fuel. 2,170,477; Aug. 22.
Lemay, Arthur, New York, N. Y. Automatic grinding device. 2,164,155; June 27.
Lembcke, Elmer J., Berwyn, assignor to The Goss Printing Press Company, Chicago, Ill. Inking mechanism. 2,177,261; Oct. 24.
Lembke, Halford, Seattle, Wash. Percussion tool. 2,147,045; Feb. 14.
Lemert, Ralph D. (See Adams, H. A., and Lemert.)
Lemire, Edwin A., Providence, R. I., and E. Steiner, New York, N. Y. Compact. 2,158,548; May 16.
Lemire, Elias E., Cloquet, Minn. Book page protector. 2,149,922; Mar. 7.
Lemire, Wilfrid, assignor to Charles Gurd and Company, Limited, Montreal, Quebec, Canada. Bottle filling valve. 2,157,292; May 9.
Lemke, Leo O. H., Minneapolis, Minn. Match book structure. 2,182,495; Dec. 5.
Lemley, John, Midland, assignor to Gray Tool Company, Houston, Tex. Oil well casing head and tubing hanger. 2,148,360; Feb. 21.
Lemley, Zack. (See Grout, H., and Lemley.)
Lemmens, Hendricus J. (See Bol, C., Jonas, and Lemmens.)
Lemmens, Hendricus J. (See Dorgelo, E. G., Elenbaas, and Lemmens.)
Lemmens, Hendricus J. (See Elenbaas, W., Dorgelo, and Lemmens.)
Lemmers, Eugene, Cleveland, Ohio, assignor to General Electric Company. Flash lamp. 2,178,428; Oct. 31.
Lemmers, Eugene, Cleveland, and G. M. Carpenter, Mentor, Ohio, assignors to General Electric Company. Electrode for electric discharge devices. 2,180,988; Nov. 21.
Lemming, John C., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Sizing porous metal bearings. 2,168,300; Aug. 1.
Lemming, John Conrad, and J. H. Davis, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Sizing porous metal bushings. 2,168,301; Aug. 1.
Lemmon, George N., Homewood, assignor to The Southern States Equipment Company, Birmingham, Ala. Circuit breaker. 2,150,102; Mar. 7.
Lemmon, George N., Homewood, assignor to Southern States Equipment Corporation, Birmingham, Ala. Electric fuse. 2,165,636; July 11.
Lemmon, George N., Homewood, assignor to Southern States Equipment Company, Birmingham, Ala. Circuit interrupter. 2,166,782; July 18.
Lemmon, George N., Homewood, assignor to Southern States Equipment Corporation, Birmingham, Ala. Circuit interrupter. 2,172,143; Sept. 5.
Lemmon, Walter S., assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Communication system. Re. 21,103; May 30.
Lemmon, Walter S., New York, C. J. Fitch, Endicott, and R. F. Walz, assignors to International Business Machines Corporation, New York, N. Y. System of coding and decoding. 2,153,194; Apr. 4.
Lemmon, William G., and A. Stowers, New York, N. Y. Toilet seat cover dispenser. 2,166,996; July 25.
Lemmon, William G., and A. Stowers, New York, N. Y. Toilet seat cover dispenser bracket. 2,174,889; Oct. 3.
Lemoine, John E., Maynard, Mass. Clothespin. 2,170,204; Aug. 22.
Lemoine, Robert P., assignor to Société d'Electrochimiè, d'Electrométallurgieè et des Aciéries Electriques d'Ugine, Paris, France. Dephosphorizing and desulphurizing steel. 2,147,205; Feb. 14.
Lemoine, Robert P., assignor to Société d'Electrochimiè, d'Electrométallurgiè et des Aciéries Electriques d'Ugine, Paris, France. Dephosphorizing and desulphurizing steel. 2,147,206; Feb. 14.
Lemon, Frank R., Lemon Park, Indian Lake, Mich. Door actuating mechanism. 2,151,430; Mar. 21.
Lemon, Robert L., Indianapolis, Ind. Telephone attachment. 2,182,496; Dec. 5.
Lemont, Clarence J., assignor to Line Material Company, South Milwaukee, Wis. Connector. 2,162,561; June 13.
Lemont, Clarence J., assignor to Line Material Company, South Milwaukee, Wis. Pole-snubbing device. 2,169,102; Aug. 8.
Lemp, Charles A., and L. H. Russell, St. Louis, Mo. Venetian blind. 2,184,098; Dec. 19.
Lemp, Hermann, Glen Rock, N. J. Controlling device. 2,158,133; May 16.
Lempco Products, Inc. (See Blazek, John Y., assignor.)
Lempco Products, Inc. (See McGovern, E. M., and Shrick, assignors.)
Lempert, Jack M., Rockville Centre, N. Y. Dentist's saliva ejector. 2,180,249; Nov. 14.
Lempert, Louis, Prestwich, England. Needle guard for sewing machines. 2,178,480; Oct. 31.
Lems, Hendrik, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Mercury cathode discharge tube. 2,151,979; Mar. 28.
Lems, Hendrik, assignor to N. V. Philips Gloeilampenfabrieken, Eindhoven, Netherlands. Mercury cathode discharge tube. 2,155,138; Apr. 18.
Lems, Hendrik, and C. B. Los, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Mercury cathode discharge tube. 2,162,850; June 20.
Lemur, Incorporated. (See Leoni, Pilade, assignor.)
Lenehan, Bernard E. (See Harder, E. L., Lenehan, and Lewis.)
Lenehan, Bernard E., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Carrier-current relaying. 2,144,499; Jan. 17.
Lenehan, Bernard E., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Phase-sequence filter. 2,161,829; June 13.
Lenehan, Bernard E., Bloomfield, and A. W. Rogers, Union, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Two-position receiver-relays. 2,144,498; Jan. 17.
L'Enfant, Charles, New York, N. Y. Binding. 2,154,516; Apr. 18.
Lengyel, Carl, Buffalo, N. Y. Insulating covering for hot air furnaces. 2,170,085; Aug. 22.
Lengyel, Carl H., Kenmore, N. Y. Furnace. 2,171,002; Aug. 29.
Lenhart, Herbert S., Allentown, assignor to Fuller Company, Catasauqua, Pa. Conveying apparatus. 2,162,954; June 20.
Lenk, George L. (See Phillips, F. O., and Evans, assignors.)
Lenk, Helmut. (See Grünwald, Eduard, assignor.)
Lennan, William M., Pasadena, Calif. Flashlight. 2,176,084; Oct. 17.
Lennard, Samuel B., Dundas, Ontario, Canada. Nutcracker. 2,178,375; Oct. 31.
Lennart, Eugene J., assignor, by mesne assignments, to The Wayne Pump Company, Fort Wayne, Ind. Fluid dispensing apparatus. 2,149,609; Mar. 7.
Lenning, Alvar, Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,161,875; June 13.
Lenning, Alvar, Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Ice tray. 2,183,750; Dec. 19.
Lennmor, Gösta G., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigerator. 2,148,991; Feb. 28.
Lenox, Andrew J., Kingston-Upon-Hull, England. Variable-speed gearing. 2,183,460; Dec. 12.
Lent, Worthington C., Westwood, N. J., assignor, by mesne assignments, to Radio Corporation of America. Apparatus for voltage measurements. 2,149,451; Mar. 7.
Lenta, Joseph G., Duluth, Minn. Finger cot. 2,157,293; May 9.
Lenth, Charles W. (See Du Puis, R. N., Lenth, and Segur.)
Lentine, John H., and V. Loigman, assignors to Central Paper Box Company, Philadelphia, Pa. Paper box construction. 2,170,759; Aug. 22.
Lentz, Hugo, Berlin-Halensee, Germany. Reversing gear for steam engines with poppet valve gear, especially for locomotive and marine steam engines. 2,149,353; Mar. 7.
Lentz, Hugo, Berlin, Germany. Poppet valve control for steam locomotives. 2,158,331; May 16.
Lentz, Hugo, Berlin, Germany. Idle-running and starting device for poppet valve geared steam locomotives. 2,165,755; July 11.
Lentz, Hugo J., Vienna, Austria. Valve gear for reversible reciprocating fluid pressure engines, especially for locomotives. 2,172,562; Sept. 12.
Lentz, Hugo J., Vienna, Austria. Rolling lever valve motion for locomotive and marine steam engines. 2,182,925; Dec. 12.
Lentz, John A., Phoenix, Ariz. Instrument sharpener. 2,165,929; July 11.
Lentz, William L., Tuckahoe, N. Y., and C. F. Kantola, Ashtabula, Ohio, assignors to The New York Central Railroad Company. Streamline locomotive and tender. 2,148,078; Feb. 21.

Lentz, William L., Tuckahoe, N. Y., and C. F. Kantola, Ashtabula, Ohio, assignors to The New York Central Railroad Company. Door actuating mechanism for locomotive tender fuel doors. 2,160,743; May 30.
Lenz, Charles Edward, Jr., Baltimore, Md., and R. A. Parker, Waterbury, Conn. Upholstery construction. 2,160,971; June 6.
Lenz, Kurt, Berlin-Lichterfelde, and E. Woeckel, Berlin-Friedenau, Germany, assignors to General Electric Company. Sealing material for vacuum vessels. 2,159,805; May 23.
Lenz, Kurt, Berlin-Lichterfelde, and E. Woeckel, Berlin-Friedenau, Germany, assignors to General Electric Company. Sealing material for vacuum vessels. 2,159,806; May 23.
Lenz, Kurt, Berlin-Lichterfelde, and E. Woeckel, Berlin-Friedenau, Germany, assignors to General Electric Company. Sealing material for vacuum vessels. 2,159,807; May 23.
Lenz, Kurt, Berlin-Lichterfelde, and E. Woeckel, Berlin-Friedenau, Germany, assignors to General Electric Company. Sealing material for vacuum vessels. 2,159,808; May 23.
Lenz, Kurt, Berlin-Lichterfelde, and E. Woeckel, Berlin-Friedenau, Germany, assignors to General Electric Company. Sealing material for vacuum vessels. 2,159,809; May 23.
Lenz, Kurt, Berlin-Lichterfelde, and E. Woeckel, Berlin-Friedenau, Germany, assignors to General Electric Company. Sealing material for vacuum vessels. 2,159,810; May 23.
Lenz, Peter L., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor-electric device. 2,144,500; Jan. 17.
Lenz, Peter L., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Manometer switch. 2,157,905; May 9.
Lenz, Walter, Berlin-Reinickendorf, Germany, assignor to General Electric Company. Geared driving arrangement. 2,180,154; Nov. 14.
Leo Corporation. (See Guthmann, W. S., and Kerst, assignors.)
Leo Corporation. (See Lyons, Willard E., assignor.)
Leo Corporation. (See Lyons, W. E., and McKone, assignors.)
Leo Corporation. (See McKone, L. J., and Lyons, assignors.)
Leo, Herbert T., C. C. Taylor, and J. W. Lindsey, assignors to Mutual Citrus Products Co., Inc., Anaheim, Germany. Controlling certain jelling properties of pectin. 2,173,260; Sept. 19.
Leo, William D., Newburgh, N. Y. Tobacco container. 2,147,849; Feb. 21.
Leon, Francis, Oakland, Calif. Swivel joint hose coupling. 2,148,566; Feb. 28.
Leon, Max, New York, N. Y. Umbrella stick. 2,149,059; Feb. 28.
Leon, Peter F., Oranjestad, Aruba, Dutch West Indies. Combined ship's bitt and ventilator. 2,150,556; Mar. 14.
Leonard, Albert J., La Canada, Calif. Automobile door hinge. 2,142,319; Jan. 3.
Leonard, Albert J., La Canada, Calif. Automobile door lock. 2,143,127; Jan. 10.
Leonard, Albert J., La Canada, Calif. Automobile door lock. 2,148,361; Feb. 21.
Leonard, Albert J., La Canada, Calif. Automobile parking mirror. 2,173,439; Sept. 19.
Leonard, Arthur G., Jr., Wilmington, assignor, by mesne assignments, to The Lehon Company, Chicago, Ill. Shingle making machine. 2,184,619; Dec. 26.
Leonard, Benjamin C., Monroe, Mich. Feed table for balers. 2,181,060; Nov. 21.
Leonard, David C. E., assignor to Jamison Cold Storage Door Co., Hagerstown, Md. Combined guide and fastener for sliding doors. 2,146,633; Feb. 7.
Leonard, David C. E., and J. V. Jamison, Jr., assignors to Jamison Cold Storage Door Company, Hagerstown, Md. Refrigerator door fastener. 2,147,794; Feb. 21.
Leonard, Frederick C., Cranston, R. I. Fluid mixing valve. 2,159,033; May 23.
Leonard, Frederick C., Cranston, R. I. Thermostatic mixer. 2,175,203; Oct. 10.
Leonard, Frederick C., Cranston, R. I. Manufacture of thermostatic mixing valves. 2,180,362; Nov. 21.
Leonard, Herbert H., East Aurora, and R. T. Moore, Buffalo, N. Y., assignors to Consolidated Packaging Machinery Corporation. Closing containers. 2,176,996; Oct. 24.
Leonard, John E., Berwick, Pa. Recording apparatus for color photography. 2,146,634; Feb. 7.
Leonard, John E., Berwick, Pa. Projection apparatus for color photography. 2,146,635; Feb. 7.
Leonard, Joseph, Allentown, Pa., assignor to Charis Corporation, New York, N. Y. Foundation garment for women. 2,164,136; June 27.
Leonard, Merrill G., Sharon, assignor to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,169,586; Aug. 15.
Leonard, Merrill G., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control device. 2,180,421; Nov. 21.
Leonard, Russell B. and W. E., Columbus, Ohio. Luminescent tube. 2,171,705; Sept. 5.
Leonard, Veader. (See Wesson, Laurence G., assignor.)
Leonard, Ward, Electric Company. (See Logan, Frank G., assignor.)
Leonard, Wellington C., Mansfield, Pa. Control switch. 2,170,374; Aug. 22.
Leonard, William E. (See Leonard, Russell B. and W. E.)
Leonardo, John J., assignor of one-half to S. Spector, Philadelphia, Pa. Pipe fitting. 2,159,811; May 23.
Leone, Albert, Long Island City, and L. Sholtz, New York, assignors to I. Miller & Sons, Inc., Long Island City, N. Y. Shoe. 2,150,895; Mar. 21.
Leoni, Pilade, assignor to Lemur, Incorporated, Providence, R. I. Heating unit. 2,147,046; Feb. 14.
Leopold, Charles S., Elkins Park, Pa. Cooling system. 2,150,229; Mar. 14.
Leopold, George O. (See Fegley, T. J., and Leopold.)
Leopold, Otto, Berlin-Neukolln, Germany, assignor to General Electric Company. Electric contact. 2,180,155; Nov. 14.
Lepick, William H., Moscow, Idaho. Stovepipe heating system. 2,147,658; Feb. 21.
Lepper, Walter W. (See Tennehill, Vernon L., assignor.)
Leppert, Henry J., Monterey, Calif. Land grader. 2,176,503; Oct. 17.
Leppke, Louis A., Omaha, Nebr. Serving device. 2,174,586; Oct. 3.
Lequidometer Corporation, The. (See de Giers, Clarence A., assignor.)
Lerch, Gustav, Oakland, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,148,760; Feb. 28.
Lerch, Robert L., Glendale, Calif., and W. A. Wissler, Niagara Falls, N. Y., assignors to Haynes Stellite Company. Hard facing metal. 2,173,484; Sept. 19.
Lerch, William B. (See Crites, W. J., and Lerch.)
Lerg, Arnold. (See Harten, K. P., and Lerg.)
Lermer, Herman B., assignor, by mesne assignments, to Hygienic Tube & Container Corporation, Newark, N. J. Syringe or applicator. 2,161,178; June 6.
Leroy, Everett R. (See Hicks, R. M., and Leroy.)
Le Roy-Dewinter, Madam. (See Le Roy, Frédéric, assignor.)
Le Roy, Frédéric, assignor to Madam Le Roy-Dewinter, Anvers, Belgium. Kneading machine. 2,173,209; Sept. 19.
Le Roy, Michel, Asnieres, France. Articulated beam. 2,143,953; Jan. 17.
Lervad, Harald A., Askov, Vejen, Denmark. Weaver's loom. 2,166,415; July 18.
Lesage, Aaron D. (See Shreffler, E. O., and Lesage.)
Lesage, Alfred, Schweinfurt, Germany. Divisible Bowden device. 2,148,867; Feb. 28.
Lesage, Alfred, Schweinfurt, Germany. Making engine cylinders with an inner lining. 2,166,634; July 18.
Lescher, Edmund. (See Tronnier, A. W., Roeschlein, and Lescher.)
Leschner, Herman, et al. (See Hoyt, Cornelius F., assignor.)
Lesko, James F., Chicago, assignor of forty-five one-hundredths to G. J. Wolf, Cicero, Ill. Scissors holding device. 2,179,725; Nov. 14.
Leskovsky, Dan, et al. (See Booharin, Leo Y., assignor.)
Lesley, Francis E., Cincinnati, Ohio. Laminated mesh roller shade. 2,169,103; Aug. 8.
Lesley, Oliver R., Los Angeles, Calif. Supercharger. 2,159,278; May 23.
Leslie-California Salt Company. (See See, Douglas S., assignor.)
Leslie, Howard C., Milton, assignor to B R E Manufacturing Co., Hyde Park, Mass. Water-closet seat. 2,168,907; Aug. 8.
Leslie, Ivan A., assignor to Rolls-Royce Limited, Derby, England. Shock damper. 2,143,199; Jan. 10.
Leslie, Ivan A., Highfield Lawn, Highfield Road, Derby, assignor to Rolls-Royce Limited, Derby, England. Hydraulic shock damper. 2,154,906; Apr. 18.
Leslie, Robert W. (See Fry, C. L., and Leslie.)
Leslie, Robert W. (See Schuessler, A. G., and Leslie.)
Lesponne, Alban, New York, N. Y. Grapefruit implement. 2,167,898; Aug. 1.
Lesser, Rudolf, Berlin, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dianthrapyridones. 2,152,519; Mar. 28.
Lester, Charles, Ironton, Ohio. Air filter washer. 2,156,594; May 2.
Lester Engineering Company. (See Lester, Nathan, assignor.)
Lester Engineering Company. (See Schwartz, William H., assignor.)
Lester, Herbert T., Marine City, Mich. Flower pan. 2,150,605; Mar. 14.
Lester, Nathan, Cleveland Heights, assignor to Lester Engineering Company, Cleveland, Ohio. Casting machine. 2,145,448; Jan. 31.
Lester, Nathan, Cleveland Heights, assignor to The Lester Engineering Company, Cleveland, Ohio. Gate for die casting. 1,182,402; Dec. 5.
Lester, Nathan, Cleveland Heights, assignor to The Lester Engineering Company, Cleveland, Ohio. Melting pot. 2,182,403; Dec. 5.
Lesti, Arnold, Los Angeles, Calif. Radio station center tuning control. 2,151,275; Mar. 21.
Lesti, Arnold, Los Angeles, Calif. Radio station center tuning push-button control. 2,174,634; Oct. 3.

Les Usines de Melle. (See Guinot, Henri M., assignor.)
Letarte, Henry P., Graniteville, Vt. Pitcher's target. 2,162,438; June 13.
Lethly, Marlay W., Springfield, Ohio. Metallic building. 2,175,271; Oct. 10.
Le Tourneau, R. G., Inc. (See Le Tourneau, Robert G., assignor.)
Le Tourneau, R. G., Inc. (See Le Tourneau, R. G., Peterson, and Isgren, assignors.)
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Window frame mounting. 2,149,811; Mar. 7.
Le Tourneau, Robert G., assignor to R. G. Le Tourneau, Inc., Peoria, Ill. Sealing means for centrifugal pump impellers. 2,162,486; June 13.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Air heating and conditioning unit. 2,173,280; Sept. 19.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Steel building panel. 2,180,830; Nov. 21.
Le Tourneau, Robert G., Peoria, Ill., assignor to R. G. Le Tourneau, Inc. Tractor operated crane. 2,183,263; Dec. 12.
Le Tourneau, Robert G., R. Peterson, and E. E. Isgren, Peoria, Ill., assignors to R. G. Le Tourneau, Inc. Feed control for welding rods. 2,160,480; May 30.
Lett, Frederic T., Iver, assignor to Electric & Musical Industries Limited, Hayes, England. Wireless receiving apparatus. 2,172,477; Sept. 12.
Letvin, Samuel. (See Haynes, G. P., and Letvin.)
Letz Manufacturing Company, The. (See Holland-Letz, John, assignor.)
Leuchs, Friedrich. (See Hahl, H., Taub, and Leuchs.)
Leuchs, Otto, Wuppertal-Elberfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparing alkyl and aralkyl halides. 2,168,167; Aug. 1.
Leufvén, Axel, Schweinfurt, Germany, assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Bearing housing support. 2,167,457; July 25.
Leukert, Wilhelm, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric motor drive. 2,162,509; June 13.
Leukert, Wilhelm, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Rectifier system. 2,179,337; Nov. 7.
Leukert, Wilhelm, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Arrangement for controlling rectifiers. 2,184,309; Dec. 26.
Leukhardt, Arthur R., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Fluid pressure braking system. 2,168,748; Aug. 8.
Leum, Leonard N. (See Butz, J. G., and Leum.)
Leupold, Ernst O., Hofheim in Taunus, and H. Vollmann, Frankfort-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Oxygen containing nitriles of the C_5-series and preparing them. 2,166,600; July 18.
Leupold, Volpel and Company. (See Stevens, John C., assignor.)
Leusch, Victor W., and H. P. Gibson, assignors to South Bend Bait Company, South Bend, Ind. Fishing lure. 2,159,591; May 23.
Leuteritz, Hugo C. (See Sullinger, F. W., and Leuteritz.)
Leutwiler, Richard W., Chicago, and William Eichholz, Cicero, assignors to The Illinois Engineering Company, Chicago, Ill. Pressure regulator. 2,162,779; June 20.
Lev, Harry, Chicago, Ill. Adjustable insignia or badge holder and support for uniform caps. 2,154,210; Apr. 11.
Levaggi, Victor, Jr., Brockton, Mass., assignor to United Last Company, Portland, Maine. Last. 2,149,398; Mar. 7.
Lévai, Julius, Budapest, Hungary. Flexible link bar. 2,184,747; Dec. 26.
Le Val Filter Company. (See Levy, Jerome B., assignor.)
Levan, John F., assignor to Excel Curtain Company, Elkhart, Ind. Door construction for shower bath cabinets. 2,152,746; Apr. 4.
Levan, John F., assignor to Excel Curtain Company, Elkhart, Ind. Operating mechanism for windshields and the like. 2,183,774; Dec. 19.
Levasseur, Pierre G. A., Paris, France. Variable pitch airplane propeller. 2,144,927; Jan. 24.
Levay, Eugene, New York, N. Y. Vibrating propelling device. 2,167,985; Aug. 1.
Levene, Louis L., Merrick, N. Y. Building construction. 2,182,593; Dec. 5.
Levenson, Hattie S., Miami, Fla. Glass greyhound starting box. 2,164,213; June 27.
Leventhal, Abraham I., New York, N. Y. Automatic hand signal light for vehicles. 2,172,167; Sept. 5.
Leveque, Bernard T., Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 2,144,766; Jan. 24.
Leveque, Bernard T., Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,151,980; Mar. 28.
Leveque, Bernard T., Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Stopping mechanism for sewing machines. 2,158,134; May 16.
Leveque, Bernard T., Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machines. 2,160,105; May 30.
Leveque, Bernard T., Wenham, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe sewing machine. 2,162,406; June 13.
Lever Brothers Company. (See Andersen, Carl N., assignor.)
Lever Brothers Company. (See Craig, R., and Edwards, assignors.)
Lever Brothers Limited. (See Furness, R., and Fairbourne, assignors.)
Lever Brothers Company. (See Godfrey, Truman M., assignor.)
Lever Brothers Company. (See Godfrey, T. M., and Sebell, assignors.)
Lever Brothers Company. (See Gudheim, Arne, assignor.)
Lever Brothers Company. (See Tainsh, Peter W., assignor.)
Leverenz, Humboldt W., Collingswood, N. J., assignor to Radio Corporation of America. Luminescent material. 2,143,077; Jan. 10.
Leverenz, Humboldt W., Collingswood, N. J., assignor to Radio Corporation of America. Luminescent materials. 2,164,533; July 4.
Leverenz, Humboldt W., Collingswood, N. J., assignor to Radio Corporation of America. Luminescent material. 2,171,145; Aug. 29.
Leverenz, Humboldt W., Collingswood, N. J., assignor to Radio Corporation of America. Luminescent material. 2,182,087; Dec. 5.
Leverett, Henry D. (See Maurath, G. A., and Leverett.)
Leverick, Frank, Blaby, near Leicester, assignor to Follsain Syndicate Limited, Westminster, London, England. Making alloys of copper and nickel. 2,168,129; Aug. 1.
Levering, Lee L., Tulsa, Okla. Display rack. 2,165,108; July 4.
Le Vesconte, Edward L., and H. J. Harvey, assignors to The Union Lithograph Company, Inc., San Francisco, Calif. Bag top closure means. 2,178,044; Oct. 31.
Le Vesconte, Harold J. (See Christensen, N. V., and Le Vesconte.)
Le Vesconte, Harold J. (See Hacklander, H., and Le Vesconte.)
Levesque, Arthur H., North Attleboro, assignor to R. F. Simmons Company, Attleboro, Mass. End clasp for bracelets and the like. 2,148,629; Feb. 28.
Levesque, Arthur H., North Attleboro, assignor to R. F. Simmons Company, Attleboro, Mass. Clasp or coupling device for bracelets, chains, necklaces, and the like. 2,180,534; Nov. 21.
Levesque, George N., Providence, R. I., assignor to Brown and Sharpe Manufacturing Company. Milling machine. 2,181,516; Nov. 28.
Levesque, Louis L. (See Desautels, A. J., and Levesque.)
Levey, Gustave, New York, N. Y. Coupling for replacing drive shafts of no-draft window regulators for motor vehicles. 2,154,245; Apr. 11.
Levey, Harold A. (See Jourdan, L. F., and Levey.)
Levey, Harold A., New Orleans, La. Cigarette and making the same. 2,159,704; May 23.
Levi, Riccardo, Torino, assignor to the Firm Ing. C. Olivetti & C., Ivrea, Italy. Noiseless typewriter. 2,153,720; Apr. 11.
Levin, Aaron A., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Optical system. 2,164,827; July 4.
Levin, Abraham S. (See Norton, John L., assignor.)
Levin, Abraham S., Philadelphia, Pa. Agitating, advertising, and dispensing device. 2,172,104; Sept. 5.
Levin, Arthur A., and O. W. Cass, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dielectric composition. 2,171,855; Sept. 5.
Levin, Bessie M., New York, and I. Fleischmann, Bronx, N. Y. Tooth brush. 2,167,761; Aug. 1.
Levin, David, Philadelphia, Pa., assignor to J. T. Baker Chemical Co., Phillipsburg, N. J. Pharmaceutical preparation. 2,147,743; Feb. 21.
Levin, Harry M., Philadelphia, Pa. Salad dressing. 2,170,417; Aug. 22.
Levin, I. Archer, et al. (See Burdett, Leroy, assignor.)
Levin, Joseph, Philadelphia, Pa. Glass-cutting guide. 2,174,469; Sept. 26.
Levin, Michael, Buffalo, assignor of four-tenths to J. T. Basseches, New York, N. Y. Molding cork products and similar material. 2,155,429; Apr. 25.
Levin, Nathan, assignor to H. Brinton Company, Philadelphia, Pa. Knitting machine. 2,156,185; Apr. 25.
Levin, Nils D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Material handling mechanism. 2,168,622; Aug. 8.
Levin, Nils D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Mining system. 2,169,424; Aug. 15.
Levin, Nils D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Mining machine. 2,170,927; Aug. 29.

Levin, Nils D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Mining machine. 2,170,928; Aug. 29.
Levin, Nils D., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Mining machine. 2,175,507; Oct. 10.
Levin, Nyman. (See Rust, N. M., and Levin.)
Levin, Nyman, London, England, assignor to Radio Corporation of America. Scanning device. 2,149,449; Mar. 7.
Levin, Nyman, Finchley, London, England, assignor to Radio Corporation of America. Cathod ray tube. 2,172,738; Sept. 12.
Levin, Nyman, Finchley, London, England, assignor to Radio Corporation of America. Cathod ray tube. 2,172,739; Sept 12.
Levin, Samuel, Philadelphia, Pa. Sewing machine. 2,147,047; Feb. 14.
Levine, Abraham, Elizabeth, N. J. Lock for luggage cases and other containers. 2,183,120; Dec. 12.
Levine, Abraham, Elizabeth, N. J. Latch mechanism. 2,183,121; Dec. 12.
Levine, Abraham, Elizabeth, N. J., assignor to Presto Lock Corporation, Brooklyn, N. Y. Garment supporting frame for luggage cases. 2,181,334; Nov. 28.
Levine, Ada and M., New York, N. Y. Making press pads. 2,172,767; Sept. 12.
Levine, Arthur A., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Degreasing. 2,153,577; Apr. 11.
Levine, Arthur A., O. W. Cass, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Chlorination of cyclohexane. 2,154,049; Apr. 11.
Levine, Arthur A., and O. Cass, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of trichlorethylene. 2,155,723; Apr. 25.
Levine, Arthur A., and O. W. Cass, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dielectric diluent. 2,174,289; Sept. 26.
Levine, Arthur A., and O. W. Cass, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. 1,1,1-trichloropropane and method of preparation. 2,179,218; Nov. 7.
Levine, Arthur A., and O. W. Cass, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of unsaturated cyclic compounds. 2,183,574; Dec. 19.
Levine, Harry, Brooklyn, assignor to American Eyelet Co., Inc., New York, N. Y. Fastener-attaching machine. 2,168,416; Aug. 8.
Levine, Harry, Cleveland Heights, Ohio. Producing a variety of trimming effects. 2,182,521; Dec. 5.
Levine, Mac. (See Wechsler, M. F., and Levine.)
Levine, Maurice. (See Levine, Ada and M.)
Levine, Morris, and M. Branfeld, New York, N. Y. Modern store equipment. 2,165,930; July 11.
Levine, Samuel J., East Orange, N. J., assignor to General Electric Company. Air conditioning apparatus. 2,184,354; Dec. 26.
Levine, William G. (See Sakren, B., and Levine.)
Levinson, Arthur A., Chicago, and J. L. Dickinson, Itasca, Ill., assignors to The Glidden Company, Cleveland, Ohio. Preparing feed material. 2,162.729; June 20.
Levis, Thomas S. (See Bolek, F. J., and Levis.)
Levisohn Niner & Levisohn et al. (See Corey, George H., assignor.)
Levison, Samuel, Chicago, Ill. Treatment of fruits and vegetables. 2,165,557; July 11.
Levitan, Simon W., Washington, D. C. Directional traffic indicating device. 2,147,982; Feb. 21.
Leviton Manufacturing Company. (See Wallbillich, Anthony F., assignor.)
Leviton Manufacturing Company. (See Wertzheiser, Joseph, assignor.)
Levowitz, David. (See van der Meulen, P. A., and Levowitz.)
Levoy, Louis G., Jr., Ballston Lake, and G. W. Garman, Scotia, N. Y., assignors to General Electric Company. Thyratron welding control. 2,166,305; July 18.
Levoy, Louis G., Jr., Ballston Lake, N. Y., assignor to General Electric Company. Electric valve circuit. 2,166,306; July 18.
Levy, Abraham, Brooklyn, N. Y. Ice cream cone packing container. 2,142,567; Jan. 3.
Levy, Austin T. (See Estes, Joseph C., assignor.)
Levy, Austin T. (See Magnuson, John H., assignor.)
Levy, Austin T. (See Patterson, Howard T., assignor.)
Levy, Austin T., Harrisville, R. I. Prefabricated building. 2,147,659; Feb. 21.
Levy, Austin T., Harrisville, R. I. Making building foundations. 2,150,176; Mar. 14.
Levy, Edward. (See McFarlane, E. C., and Levy.)
Levy, Gustave, Weehawken, N. J. Vent valve for steam heating radiators. 2,159,484; May 23.
Levy, Howard S. (See Levy, Lionel F., assignor.)
Levy, Hyman, et al. (See Mohler, James V., assignor.)
Levy, Jerome B., assignor to Le Val Filter Company, Inc., Chicago, Ill. Hollow disk filter aid retaining medium. 2,165,931; July 11.
Levy, Joseph, New York, N. Y., assignor to Century Lighting, Inc. Lighting fixture construction. 2,152,197; Mar. 28.
Levy, Lionel F., Philadelphia, assignor of one-half to H. S. Levy, Feasterville, Pa. Photographic apparatus for copying and like purposes. 2,176,910; Oct. 24.
Levy, Louis, et al. (See Fitzgerald, Thomas W., assignor.)
Levy, Marvin B., Lincoln, Nebr. Advertising folder. 2,156,815; May 2.
Levy, Maurice L., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Wave signaling system. 2,154,311; Apr. 11.
Levy, Nat., New York, N. Y. Bracelet or the like. 2,164,657; July 4.
Levy, Oscar C., Chicago, Ill., assignor to American Totalisator Company, Inc., Baltimore, Md. Totalizing system. 2,182,875; Dec. 12.
Levy, Oscar C., Chicago, Ill., and A. J. Johnston, San Mateo, Calif., assignors to American Totalisator Company, Inc., Baltimore, Md. Totalizing system. 2,179,698; Nov. 14.
Lévy, René L., Montrouge (Seine), France, assignor to Société d'Inventions Aeronautiques et Mecaniques S. I. A. M., Fribourg, Switzerland. Retractable landing gear for airplanes. 2,147,536; Feb. 14.
Levy, René L., Montrouge, France, assignor to Societé d'Inventions Aéronautiques et Mécaniques S. I. A. M., Fribourg, Switzerland. Self-folding strut for airplane landing chassis. 2,154,984; Apr. 18.
Levy, René L., Montrouge, France, assignor to Société d'Inventions Aeronautiques et Mécaniques S. I. A. M., Fribourg, Switzerland. Shock absorber provided with a stress limiting device. 2,155,605; Apr. 25.
Lévy, René L., Montrouge, France, assignor to Société d'Inventions Aeronautiques et Mecaniques S. I. A. M., Fribourg, Switzerland. Propeller for aircraft and the like. 2,160,745; May 30.
Levy, Sol J., and J. L. Cassell, assignors to International Carrier-Call and Television Corporation, New York, N. Y. System for secret multiple-channel carrier intercommunication. 2,143,563; Jan. 10.
Levy, Solomon M., assignor of two-fifths to L. W. Bettis, Los Angeles, Calif. Sun visor for automobiles. 2,163,495; June 20.
Lew Mfg. Co. (See Lanoie, Louis A., assignor.)
Lewallen, Alvis M., assignor of one-fourth to D. E. Jones and one-fourth to G. D. Wright, Fort Worth, Tex. Adjustable head support. 2,172,797; Sept. 12.
Lewallen, Charles A. (See Sherrick, S. T., and Lewallen.)
Lewel Mfg. Co. (See Lewis, Benn, assignor.)
Lewers, George R., Brooklyn, assignor, by mesne assignments, to Underpinning & Foundation Company, Inc., New York, N. Y. Incineration. 2,145,090; Jan. 24.
Lewers, George R., Brooklyn, assignor, by mesne assignments, to Underpinning & Foundation Company, Inc., New York, N. Y. Incineration. 2,150,231; Mar. 14.
Lewers, George R., Brooklyn, assignor, by mesne assignments, to Underpinning & Foundation Company, Inc., New York, N. Y. Apparatus for treating material. 2,181,190; Nov. 28.
Lewin, Egon, Berlin, Germany. Electrostatic relay. 2,175,354; Oct. 10.
Lewin, Hans, Hamburg, Germany. Roentgen photography. 2,152,353; Mar. 28.
Lewin, Hans, Hamburg, Germany. Photographic image and method of and apparatus for viewing the same. 2,168,225; Aug. 1.
Lewin, Herman, Rosmalen, Netherlands. Closure cap for receptacles. 2,177,899; Oct. 31.
Lewin, William H., New York, N. Y. Sewing mechanism. 2,152,766; Apr. 4.
Lewis, Albert M., and P. B. Weiler, Detroit, Mich. Bun warmer. 2,181,434; Nov. 28.
Lewis, Arthur, Astoria, Long Island, N. Y. Locked pipe closure. 2,179,045; Nov. 7.
Lewis, Arthur J., Stratford, assignor to The Baird Machine Company, Bridgeport, Conn. Chuck. 2,154,908; Apr. 18.
Lewis, Arthur J., and E. C. Bunnell, Stratford, assignors to The Baird Machine Company, Bridgeport, Conn. Machine tool. 2,145,310; Jan. 31.
Lewis, Arthur L., New London, and N. F. Fretter, assignors to The Atwood Machine Company, Stonington, Conn. Feeding device for textile machines. 2,150,882; Mar. 14.
Lewis, Benn, Maplewood, N. J., assignor to Lewel Mfg. Co., Inc., New York, N. Y. Apparel garment. 2,172,210; Sept. 5.
Lewis, Charles A., Lakewood, Colo. Marshmallow toaster. 2,183,938; Dec. 19.
Lewis, Charles B., et al. (See Ryan, John C., assignor.)
Lewis, Charles H. (See Urbain, O. M., and Stemen, assignors.)
Lewis, Cyril E., Eastwood, near Sydney, New South Wales, assignor of one-half to Duke Etherington, Sydney, New South Wales, Australia. Alarm mechanism for handbags or the like. 2,185,060; Dec. 26.
Lewis, Dartrey, Boston, Mass., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Boiler feeding apparatus. 2,148,761; Feb. 28.
Lewis, Dartrey, Boston, Mass., assignor, by mesne assignments, to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Boiler feeding apparatus. 2,151,125; Mar. 21.
Lewis, David, New York, N. Y. Bottom for bags. 2,166,360; July 18.

Lewis, Dunbar W. (See Beebe, Leslie W., assignor.)
Lewis, Edward Z., Evanston, Ill., assignor to General Manifold & Printing Co. Snap-out pack. 2,164,298; June 27.
Lewis Engineering Company, The. (See Johnson, Manfred J., assignor.)
Lewis, Evelyn M., Bell, Calif. Hand loom. 2,153,764; Apr. 11.
Lewis, Florence N., New York, N. Y. Lady's handbag. 2,150,979; Mar. 21.
Lewis, Fred A., Brooklyn, N. Y. Dispensing device. 2,173,537; Sept. 19.
Lewis, Fred O., Dayton, Ohio. Wire reel support, rack, or stand. 2,179,825; Nov. 14.
Lewis, George K., assignor to Keystone View Company, Meadville, Pa. Projecting lantern and using same. 2,147,260; Feb. 14.
Lewis, George S., New Haven, Conn., assignor, by mesne assignments, to Western Cartridge Company. Breakdown firearm. 2,154,517; Apr. 18.
Lewis, George W. (See Starr, O. L., and Lewis.)
Lewis, George W., Hudson, Mass. Ironing table. 2,159,662; May 23.
Lewis, Harold M., Douglaston, Long Island, N. Y., assignor to Hazeltine Corporation. Wave signaling system. 2,154,907; Apr. 18.
Lewis, Harold M., Great Neck, N. Y., assignor to Hazeltine Corporation. Television receiver. 2,173,173; Sept. 19.
Lewis, Harold M., Great Neck, N. Y., assignor to Hazeltine Corporation. Periodic wave-generating system. 2,183,966; Dec. 19.
Lewis, Harold M., Great Neck, and M. Cawein, Manhasset, N. Y., assignors to Hazeltine Corporation. Radio receiver. 2,168,874; Aug. 8.
Lewis, Harold M., Great Neck, and R. C. Hergenrother, Beechhurst, N. Y., assignor to Hazeltine Corporation. Cathode-ray signal-generating tube. 2,169,840; Aug. 15.
Lewis, Harrison, San Francisco, Calif. Hair trimmer. 2,165,391; July 11.
Lewis, Harrison, San Francisco, Calif. Hair trimming device. 2,171,880; Sept. 5.
Lewis, Herbert A., Bayside, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,181,191; Nov. 28.
Lewis, Howard B., Venice, Calif. Safety hat. 2,177,145; Oct. 24.
Lewis, Howard B., Inglewood, assignor to D. and S. Gelb and J. Klugman, Los Angeles, Calif. Fingernail polish protector. 2,179,046; Nov. 7.
Lewis, Hugh S., Rogers City, Mich. Protective railing for boat hatches. 2,159,902; May 23.
Lewis Invisible Stitch Machine Company. (See Bowman, Louis G., assignor.)
Lewis Invisible Stitch Machine Company. (See Kelso, Ralph S., assignor.)
Lewis Invisible Stitch Machine Company. (See Moulton, H. C., and Mueller, assignors.)
Lewis Invisible Stitch Machine Company. (See Mueller, Charles W., assignor.)
Lewis, Jacob D., and O. A. Krauer, Yonkers, assignors to Otis Elevator Company, New York, N. Y. Elevator control mechanism. 2,149,452; Mar. 7.
Lewis, John O., Wesleyville, Pa., assignor to General Electric Company. Lubricating device. 2,158,876; May 16.
Lewis, Joseph D., Santa Barbara, Calif. Dishwashing and sterilizing machine. 2,177,219; Oct. 24.
Lewis, Kenneth B. (See Morrison, J. R., and Lewis.)
Lewis, Lloyd V., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,152,384; Mar. 28.
Lewis, Lloyd V., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Signaling system. 2,171,756; Sept. 5.
Lewis, Melville A., Detroit, Mich. Automobile safety bumper. 2,168,908; Aug. 8.
Lewis, Melvin J., Ypsilanti, Mich., assignor to Michigan Ladder Company. Stepladder. 2,146,020; Feb. 7.
Lewis, Miles C. T., San Francisco, Calif. Condiment shaker top. 2,155,606; Apr. 25.
Lewis, Murrey, New York, N. Y. Safety holder for cigars and cigarettes. 2,153,332; Apr. 4.
Lewis, Oswald F., assignor of one-half to Newton, Chambers & Company Limited, near Sheffield, England. Endless chain cutting machine for use in mining coal and other minerals. 2,156,732; May 2.
Lewis, Oswald F., assignor of one-half to Newton, Chambers & Company Limited, near Sheffield, England. Mining machine. 2,156,733; May 2.
Lewis, Otto L., assignor, by mesne assignments, to Foote Bros. Gear and Machine Corporation, Chicago, Ill. Geared drive. 2,143,921; Jan. 17.
Lewis, Raymond, Los Angeles, and F. M. Bodenhamer Oakland, Calif. Ejecting truck. 2,179,726; Nov. 14.
Lewis, Richard B., Jr. (See Guyer, R., and Lewis, Jr.)
Lewis, Robert, assignor to The Denver Fire Clay Company, Denver, Colo. Combustion control. 2,161,361; June 6.
Lewis, Robert B., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Rate of strain indicator. 2,164,993; July 4.
Lewis, Robert M., Columbus, Ga. Electric refrigerator. 2,161,713; June 6.
Lewis, Robert O. (See Lawrence, L. E., and Lewis.)
Lewis, Robert P., Toledo, Ohio, assignor to The Automatic Drive & Transmission Company, Gloucester City, N. J. Automatic clutch mechanism. 2,171,833; Sept. 5.
Lewis, Robert P., Toledo, Ohio, assignor to The Automatic Drive & Transmission Company, New York, N. Y. Automatic power transmitting mechanism. 2,171,834; Sept. 5.
Lewis, Roger E., Elizabeth, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Galvanometer. 2,149,244; Feb. 28.
Lewis-Shepard Company. (See Hennessy, Daniel E., assignor.)
Lewis-Shepard Company. (See Shepard, F. J., and Warshaw, assignors.)
Lewis, Stephen J. (See Liacos, Stavros J.)
Lewis, Walter W., Schenectady, N. Y., assignor to General Electric Company. Protection of alternating current electric systems. 2,185,029; Dec. 26.
Lewis, Warren K., Newton, Mass., assignor to Standard Oil Development Company. Cracking residual oils. 2,144,245; Jan. 17.
Lewis, William A. (See Harder, E. L., Lenehan, and Lewis.)
Lewis, William B. (See Blau, L. W., and Lewis.)
Lewis, William W., Port Washington, N. Y. Supporting apparatus for Venetian blinds. 2,155,944; Apr. 25.
Lewis, William W., Port Washington, N. Y. Cord locking apparatus for Venetian blinds. 2,155,945; Apr. 25.
Lewis, Winford L., Evanston, assignor to Corn Industries Research Foundation, Roby, Ind. Producing stable color in meats. 2,147,261; Feb. 14.
Lewison, Lawrence M., Sioux Rapids, Iowa. Ridge leveling attachment for tractor cultivators. 2,179,793; Nov. 14.
Lewit, Carl J., assignor to Industrial Development & Research Laboratory, Inc., Atlanta, Ga. Method of and pad for hair waving. 2,160,744; May 30.
Lewy, Harry, Baltimore, Md. Skimmer. 2,143,782; Jan. 10.
Leyburn, Henry, Newcastle-upon-Tyne, assignor to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Electric protective arrangement. 2,147,101; Feb. 14.
Leyburn, Henry, Newcastle-upon-Tyne, assignor to A. Reyrolle & Company Limited, Hebburn-on-Tyne, England. Earth fault control arrangement for polyphase alternating current transmission and distribution systems. 2,149,683; Mar. 7.
Leyenaar, Jan. (See Merkl, Sebastian, assignor.)
Leyst-Küchenmeister, Carl, Schlachtensee, near Berlin, Germany. Manufacturing soap. 2,158,663; May 16.
L'Hollier, Leslie H., Waltham, and F. Wray, assignors to Hood Rubber Company, Inc., Watertown, Mass. Reducing the area of fabrics and making articles therefrom. 2,155,597; Apr. 25.
Liaboe, Edward O., Bartlesville, Okla. Piano keyboard leveler. 2,183,916; Dec. 19.
Liacos, Stavros J., Brooklyn, N. Y., now by judicial change of name, S. J. Lewis. Turnstile. 2,146,150; Feb. 7.
Lian, Camille, Paris, and G. Minot, Ezanville, France. Auscultation microphone. 2,169,806; Aug. 15.
Libbe, Alfred, assignor to Société Anonyme "Transformateurs de Mesure E. Walter", Gentilly, France. Electric transformer for high tension. 2,153,090; Apr. 4.
Libberton, Herbert, assignor to Tenak Products Company, Chicago, Ill. Printing method. 2,172,563; Sept. 12.
Libberton, Herbert, assignor to Tenak Products Company, Chicago, Ill. Tablet for use in fabricating electrotypes. 2,172,564; Sept. 12.
Libbey Glass Company. (See Schneider, Henry W., assignor.)
Libbey Glass Company. (See Schneider, H. W., and Lowndes, assignors.)
Libbey Glass Company. (See Schneider, H. W., and Mankin, assignors.)
Libbey Glass Company. (See Schutz, Harold R., assignor.)
Libbey Glass Company. (See Treece, J. H., Whitney, and Schneider, assignors.)
Libbey-Owens-Ford Glass Company. (See Alexander, Harold M., assignor.)
Libbey-Owens-Ford Glass Company. (See Biggers, John D., assignor.)
Libby-Owens-Ford Glass Company. (See Burrell, Charles D., assignor.)
Libbey-Owens-Ford Glass Company. (See Drake, John L., assignor.)
Libbey-Owens-Ford Glass Company. (See Drake, J. L., Handy and Fowler, assignors.)
Libbey-Owens-Ford Glass Company. (See Ford, George R., Jr., assignor.)
Libbey-Owens-Ford Glass Company. (See Fowler, I. G., and Drake, assignors.)
Libbey-Owens-Ford Glass Company. (See Haworth, J. G., and Burrell, assignors.)
Libbey-Owens-Ford Glass Company. (See Hinsey, Robert S., assignor.)
Libbey-Owens-Ford Glass Company. (See Keier, Edwin W., assignor.)
Libbey-Owens-Ford Glass Company. (See Kirkman, Peter J., assignor.)
Libbey-Owens-Ford Glass Company. (See Lowry, Clyde D., assignor.)

Libbey-Owens-Ford Glass Company. (See Morris, Joseph R., assignor.)
Libbey-Owens-Ford Glass Company. (See Paddock, Ormond H., assignor.)
Libbey-Owens-Ford Glass Company. (See Robertson, William J., assignor.)
Libbey-Owens-Ford Glass Company. (See Rosin, Edwin A., assignor.)
Libbey-Owens-Ford Glass Company. (See Sohn, Frank, assignor.)
Libbey-Owens-Ford Glass Company. (See Watkins, George B., assignor.)
Libbey-Owens-Ford Glass Company. (See Watkins, G. B., and Goodwillie, assignors.)
Libbey-Owens-Ford Glass Company. (See White, Gerald, assignor.)
Libby, Carl F., Stoughton, Mass. Shuttleless loom. 2,180,831; Nov. 21.
Libby, Carl F., Stoughton, Mass. Loom. 2,180,832; Nov. 21.
Libby Glass Company. (See Schutz, Harold R., assignor.)
Libby, Lewis L., Newark, N. J. Connected collapsible twin tubes. 2,166,307; July 18.
Libby, McNeill & Libby. (See Fetterman, Frank W., assignor.)
Libby, McNeill & Libby. (See Williams, Ray D., assignor.)
Liberthson, Leo, New York, N. Y., assignor to L. Sonneborn Sons, Inc. Refining petroleum oils. 2,143,890; Jan. 17.
Liberty Can & Sign Company. (See Rueger, Herman W., assignor.)
Liberty Glass Co. (See Studley, Charles W., assignor.)
Liberty Optical Company, Inc. (See Reichert, Ellsworth, assignor.)
Libman, Earl E., and M. A. Edwards, Schenectady, N. Y., assignors to General Electric Company. Telemetric system for angle transmission. 2,184,355; Dec. 26.
Licher, Rudolph. (See Bader, W., and Licher.)
Lichtenberg, Erich H., and O. Sheck, assignors to Koehring Company, Milwaukee, Wis. Dual drum mixer. 2,167,243; July 25.
Lichtenstein, Charles, et al., trustees. (See Cisin, Harry G., assignor.)
Lichtenstein, Johan, Levallois-Perret, France, assignor to Societe Generale des Carburateurs Zenith, Geneva, Switzerland. Throttle controls for internal combustion engines. 2,168,958; Aug. 8.
Lichtenstein, Johann. (See Gistucci, P. X. A., and Lichtenstein.)
Lichtenstein, Johann, assignor to Societe Generale des Carburateurs Zenith. Levallois-Perret, France. Carburetor. 2,173,281; Sept. 19.
Lichtenwalner, Jay Y., San Diego, assignor to Pacific Scientific Company, San Francisco, Calif. Propellor protractor. 2,170,824; Aug. 29.
Lichtfeldt, Fred, Wauwatosa, Wis. Door operating mechanism. 2,156,950; May 2.
Lichtman, Camon, Detroit, Mich. Adjustable air filter. 2,175,903; Oct. 10.
Lichty, Arthur J., Birmingham, Ala., assignor to Baldwin-Southwark Corporation. Portable room cooling outfit. 2,163,691; June 27.
Lichty, Joy G., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,158,021; May 9.
Lichty, Joy G., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,158,022; May 9.
Lichty, Joy G., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Accelerator. 2,175,809; Oct. 10.
Lichty, Joy G., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Accelerator of vulcanization. 2,184,238; Dec. 19.
Lichty, Joy G., Stow, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,184,239; Dec. 19.
Lickteig, Albert F., assignor to Grand Rapids Brass Company, Grand Rapids, Mich. Hinge. 2,143,275; Jan. 10.
Lickteig, Albert F., assignor to Grand Rapids Brass Company, Grand Rapids, Mich. Hinge. 2,174,986; Oct. 3.
Lickteig, Albert F., assignor to Grand Rapids Brass Company, Grand Rapids, Mich. Keeper for the bolts of latches and the like. 2,174,987; Oct. 3.
Liddell, Wingham J., and L. C. Morse, Oakland, Calif. Hydraulic jack. 2,170,029; Aug. 22.
Lidgerwood Manufacturing Company. (See Benson, Melvin B., assignor.)
Lidiak, Joseph P., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Condenser apparatus. 2,173,492; Sept. 19.
Lieb, Abram S. (See Bowie, F. W., and Lieb.)
Lieb, Gustav, and E. Rogowski, Stuttgart, Germany, assignors to Robert Bosch Gesellschaft mit beschränkter Haftung. Method of and apparatus for refrigeration. 2,142,856; Jan. 3.
Lieb, Merril R., Allentown, and W. W. Wassum, Alburtis, Pa. Valve. 2,152,551; Mar. 28.
Lieb, Merril R., Allentown, and W. W. Wassum, Alburtis, Pa. Valve operating means. 2,173,210; Sept. 19.
Lieb, William, Detroit, Mich. Safety bottle breaker. 2,168,226; Aug. 1.
Liebel-Flarsheim Company, The. (See Flarsheim, Edwin S., assignor.)
Liebelt, Adolph A., assignor to The J. H. Day Company, Cincinnati, Ohio. Dough control means. 2,154,462; Apr. 18.
Lieber, Eugene. (See Mikeska, L. A., and Lieber.)
Lieber, Eugene, Elizabeth, and W. H. Smyers, Westfield, N. J., assignors to Standard Oil Development Company. Carbon remover. 2,149,894; Mar. 7.
Lieber, Eugene, Linden, and M. M. Sadlon, Roselle Park, N. J., assignors to Standard Oil Development Company. Producing wax modifying agents. 2,174,246; Sept. 26.
Lieber, Hugo, assignor to Lieber Patents Corporation, New York, N. Y. Bone-conduction hearing-aid vibrator. 2,151,706; Mar. 28.
Lieber, Isaac, New York, assignor, by mesne assignments, to O. Lindner, Brooklyn, N. Y. Closure. 2,150,627; Mar. 14.
Lieber Patents Corporation. (See Lieber, Hugo, assignor.)
Liebergeld, Alfred, assignor to F. Singer, Nuremberg, Germany. Metalworking. 2,153,839; Apr. 11.
Lieberknecht, Karl R., Oberlungwitz, Germany, assignor to Kalio, Inc., New York, N. Y. Flat knitting machine. 2,150,931; Mar. 21.
Lieberknecht, Karl R., Oberlungwitz, Germany, assignor to Kalio, Inc., New York, N. Y. Knitting machine. 2,166,959; July 25.
Lieberknecht, Karl R., Oberlungwitz, Germany, assignor to Kalio, Inc., New York, N. Y. Flat full-fashioned knitting machine. 2,170,148; Aug. 22.
Lieberknecht, Karl R., Oberlungwitz, Germany, assignor to Kalio, Inc., New York, N. Y. Knitting machine. 2,176,911; Oct. 24.
Lieberknecht, Karl R., Oberlungwitz, Germany, assignor to Kalio, Inc., New York, N. Y. Knitting machine. 2,178,591; Nov. 7.
Lieberknecht, Karl R., Oberlungwitz, Germany, assignor to Knitting Machines Corporation. Knitting machine. 2,183,575; Dec. 19.
Lieberknecht, Paul, Einsiedel, near Chemnitz, Germany. Flat hosiery frame knitting machine. 2,143,486; Jan. 10.
Lieberman, Abe, Chicago, Ill. Refrigerator. 2,172,284; Sept. 5.
Lieberman, Benjamin R., Brooklyn, N. Y. Combination electric lamp. 2,167,458; July 25.
Liebich, Georg, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge device. 2,159,767; May 23.
Liebig, Edward O. (See Schumpelt, K., and Liebig.)
Liebknecht, Otto, Neubabelsberg, near Berlin, Germany, assignor to The Permutit Company, New York, N. Y. Deacidification of liquids, especially water. 2,155,318; Apr. 18.
Liebknecht, Otto, Neubabelsberg, near Berlin, Germany, assignor to The Permutit Company, New York, N. Y. Treatment of water. 2,164,156; June 27.
Liebling, Arnold. (See Goldberger, Arthur, assignor.)
Liebman, Arno J., Miami Beach, Fla. Ladder. 2,143,783; Jan. 10.
Liebman, Moses, New York, N. Y. Base cleaner. 2,162,955; June 20.
Liebmann, Alfred J., New York, N. Y. Making gin. 2,152,318; Mar. 28.
Liebmann, Gerhard, Berlin, Germany. Apparatus for producing resistances. 2,147,450; Feb. 14.
Liebmann, Moses, New York, N. Y. Blanket fastener. 2,149,970; Mar. 7.
Liebmann, Moses, New York, N. Y. Blanket fastener. 2,149,971; Mar. 7.
Liebmann, Gerhard, Berlin, Germany. Producing finely divided metallic layers. 2,152,809; Apr. 4.
Liebmann, Moses, New York, N. Y. Trouser supporter. 2,181,192; Nov. 28.
Liebowitz, Benjamin, assignor to Trubenizing Process Corporation, New York, N. Y. Collar and making the same. 2,183,242; Dec. 12.
Liebrecht, Ilse, born Boehringer, et al. (See Scheuing, G., and Krauss, assignors.)
Lienemann, Alfred A. (See Lubbers, Lubbert E., assignor.)
Lieneweg, Fritz, Berlin-Siemensstadt, and W. Geyger, Berlin-Schmargendorf, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Apparatus for measuring the electric conductivity of liquids. 2,173,233; Sept. 19.
Lienhard, Fritz, assignor of one-half to E. Gimmi, Zurich, Switzerland. Pedal drive, particularly for cycles. 2,184,049; Dec. 19.
Lienzén, David L., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Selector. 2,148,824; Feb. 28.
Lier, Heinrich, assignor to the firm of Chemical Works formerly Sandoz, Basel, Switzerland. Mercerizing lyes and their manufacture. 2,157,294; May 9.
Lier, Heinrich, assignor to the firm Chemical Works formerly Sandoz, Basel, Switzerland. Polyazo dyestuffs and their manufacture. 2,157,295; May 9.
Lierg, Friedrich, assignor of one-half to O. Czeija, Vienna, Germany. Photographic emulsion. 2,158,825; May 16.
Lierg, Friedrich, assignor of one-half to O. Czeija, Vienna, Austria. Reproducing sound records or talking motion pictures. 2,164,828; July 4.

Lieseberg, Friedrich, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of acetaldehyde from gases containing acetylene. 2,153,578; Apr. 11.

Lieseberg, Friedrich, Ludwigshafen-on-the-Rhine, and G. Wietzel, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of acetaldehyde from gases containing acetylene. 2,153,985; Apr. 11.

Liess, Edward T. (See Bauberger, C. W., and Liess.)

Liest, Charles C. (See Duncan, John O., assignor.)

Liettle, Arthur D., Inc. (See Harford, C. G., and Stafford, assignors.)

Lifschutz, Myron I., Chicago, Ill. Bridge construction. 2,152,069; Mar. 28.

Lifton, Samuel H., Brooklyn, N. Y. Brief case. 2,159,995; May 30.

Lifton, Samuel H., Brooklyn, N. Y. Brief case. 2,173,120; Sept. 19.

Light, David M., assignor to Chicago Railway Equipment Company, Chicago, Ill. Brake gear safety guard. 2,165,864; July 11.

Light, David M., assignor to American Steel Foundries, Chicago, Ill. Brake hanger bracket. 2,182,746; Dec. 5.

Light, Donald W. (See Cooper, J. P., and Light.)

Light, Philip H., Schenectady, N. Y., assignor to General Electric Company. Protection of alternating current electric systems. 2,180,156; Nov. 14.

Light, Robert F. (See Miller, G. E., and Light.)

Light, Robert F., Mount Vernon, and C. N. Frey, Scarsdale, assignors to Standard Brands Incorporated, New York, N. Y. Vitamin preparation and preparing same. 2,184,748; Dec. 26.

Lighter, Morden C., and F. Lehmann, San Francisco, Calif. Locking mechanism. 2,176,264; Oct. 17.

Lighter, Stephen, Chicago, Ill. Shirt wrapping. 2,175,666; Oct. 10.

Lighton, Lester E., Glenside, assignor to The Electric Storage Battery Company, Philadelphia, Pa. Filling and venting device. 2,175,993; Oct. 10.

Lignian, Jean A., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Sizing porous metal bearings. 2,168,227; Aug. 1.

Lignian, Jean A., and R. P. Koehring, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Fluid seal assembly. 2,167,986; Aug. 1.

Ligon, Harry W., Atlanta, Ga. Garment hanger. 2,158,465; May 16.

Ligon, Ira W., Richmond, Calif. Measuring cup. 2,158,704; May 16.

Ligon, John H., Anna, Ill. Stepladder. 2,166,255; July 18.

Liley, Harold A., Detroit, Mich. Accelerator control for motor vehicles. 2,165,897; July 11.

Lilienfeld, Antonette. (See Lilienfeld, Leon.)

Lilienfeld, Leon, Vienna, Austria. Alcoholic beverage of reduced inebriating capacity. 2,159,167; May 23.

Lilienfeld, Leon, Vienna, Austria. Manufacture of artificial threads or other products from cellulose compounds. 2,163,607; June 27.

Lilienfeld, Leon, Vienna, Austria. Treatment of textile material and product thereof. 2,165,392; July 11.

Lilienfeld, Leon, Vienna, Austria. Decorated material and making same. 2,165,393; July 11.

Lilienfeld, Leon, deceased, Vienna, Austria; P. Abel, or in the case of his inability to act, E. Hunna, executor, and A. Lilienfeld, sole hear, Vienna, Austria (Germany). Nitrogen-halogen organic bodies and making same. 2,167,661; Aug. 1.

Lilienfeld, Leon, deceased, Vienna, Austria; P. Abel, Vienna, Austria (Germany), or in the case of his inability to act, E. Hunna, Vienna, Austria, executor, and A. Lilienfeld, Vienna, Austria (Germany), sole heir. Halogenated amines and making them. 2,167,807; Aug. 1.

Lilienfeld, Leon, Vienna, Austria; P. Abel, or in case of his inability to act E. Hunna, executor, and A. Lilienfeld, sole heir, Vienna, Austria (Germany). Manufacture of cellulose xanthate derivatives and artificial materials therefrom. 2,169,207; Aug. 8.

Lilienfeld, Leon, deceased, Vienna, Austria; P. Abel, executor, or, in case of his inability to act, E. Hunna, and A. Lilienfeld, Vienna, Austria (Germany), sole heir. Manufacture of new cellulosic materials and shaped structures therefrom. 2,176,085; Oct. 17.

Lilienfeld, Leon, deceased, Vienna, Austria; P. Abel, executor, or, in case of his inability to act, E. Hunna, and A. Lilienfeld, Vienna, Austria (Germany), sole heir. Regenerated artificial structure and making same. 2,176,799; Oct. 17.

Lilja, Edgar D., assignor, by mesne assignments, to Barber-Colman Company, Rockford, Ill. Sensitive control system. 2,145,267; Jan. 31.

Lilja, Edgar D., assignor, by mesne assignments, to Barber-Colman Company, Rockford, Ill. Control for electric circuits. 2,153,195; Apr. 4.

Lilley, Samuel C., Hamden, assignor to The American Mills Company, New Haven, Conn. Elastic strand for incorporation into elastic fabrics. 2,146,965; Feb. 14.

Lilley, Samuel C., Hamden, assignor to The American Mills Company, New Haven, Conn. Elastic strand for elastic fabrics and producing the same. 2,146,966; Feb. 14.

Lillich, Ralph, Houston, Tex. Well rig transmission system. 2,181,193; Nov. 28.

Lillie, Howard R., and W. W. Shaver, assignors to Corning Glass Works, Corning, N. Y. Tempering glass. 2,148,630; Feb. 28.

Lilliston, Mount V., Oak Park, Ill. Folding step chair. 2,147,905; Feb. 21.

Lilly, Arthur W. (See Hays, William W., assignor.)

Lilly, Eli, and Company. (See Fortune, William B., assignor.)

Lilly, Eli, and Company. (See Hibbert, George F., assignor.)

Lilly, Eli, and Company. (See Kharasch, M. S., and Legault, assignors.)

Lilly, Eli, and Company. (See Powell, Horace M., assignor.)

Lilly, Eli, and Company. (See Rockwell, George E., assignor.)

Lilly, Eli, and Company. (See Shonle, H. A., and Waldo, assignors.)

Lilly, Eli, and Company. (See Stuart, Elmer H., assignor.)

Lily-Tulip Cup Corporation. (See Johnson, Sixten I., assignor.)

Lima, Henry C., Flushing, N. Y., assignor of one-fourth to M. W. Davis, Bridgeport, Conn. Railway car. 2,146,436; Feb. 7.

Limbacher, Walter. (See Krzikalla, H., and Limbacher.)

Limbers, Don R., Clarksburg, W. Va., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Lehr drive for sheet glass machine. 2,164,071; June 27.

Limbers, Don R., Clarksburg, W. Va., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Machine for drawing window glass. 2,184,873; Dec. 26.

Limited Company. (See Rais, Josef, assignor.)

Limited Company, formerly the Skoda Works. (See Götz, Frantisek, assignor.)

Limited Company formerly The Skodaworks Plzen. (See Tschauner, Leo, assignor.)

Limpert, Alexander S. (See Limpert, Sylvester A and A. S.)

Limpert, Alexander S., assignor to Mechana Kold Corporation, Bay Shore, N. Y. Sealing means for shafts of compressors and the like. 2,163,127; June 20.

Limpert, Sylvester A. and A. S., Bay Shore, N. Y. Evaporator unit for refrigeration purposes. 2,158,877; May 16.

Linch, Adrian L. (See Calcott, W. S., Tinker, and Linch.)

Linch, Edward P., Philadelphia, Pa. Closure fastener for containers. 2,169,448; Aug. 15.

Linchitz, Samuel E., New York, N. Y. Denture. 2,165,558; July 11.

Linckh, Edward. (See Duftschmid, F., Linckh, and Winkler.)

Lincks, George F., Pittsfield, Mass., assignor to General Electric Company. Electric cut-out. 2,164,994; July 4.

Lincks, George F., Pittsfield, Mass., assignor to General Electric Company. Protective and maintenance equipment for electric circuit interrupting devices. 2,169,104; Aug. 8.

Lincks, George F., Pittsfield, Mass., assignor to General Electric Company. Electric cut-out. 2,175,904; Oct. 10.

Lincoln, Bert H. (See Henriksen, A., and Lincoln.)

Lincoln, Bert H., assignor to Continental Oil Company, Ponca City, Okla. Lubricating oil. 2,154,628; Apr. 18.

Lincoln, Bert H., and G. D. Byrkit, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating oil. 2,150,177; Mar. 14.

Lincoln, Bert H., and G. D. Byrkit, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating oils. 2,157,078; May 2.

Lincoln, Bert H., and G. D. Byrkit, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating oil. 8,157,079; May 2.

Lincoln, Bert H., and A. Henriksen, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating oils. 2,157,134; May 9.

Lincoln, Bert H., and A. Henricksen, deceased (J. W. Wolfe, administrator de bonis non), Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricant. 2,169,155; Aug. 8.

Lincoln, Bert H., and W. L. Steiner, assignors to Continental Oil Company, Ponca City, Okla. Sulphurized oil. 2,172,285; Sept. 5.

Lincoln, Bert H., and W. L. Steiner, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating oil. 2,178,534; Oct. 31.

Lincoln, Bert H., and W. L. Steiner, Ponca City, and A. Henriksen, deceased; E. M. Henriksen, administratrix, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating oil. 2,180,008; Nov. 14.

Lincoln, Bert H., and A. Henriksen, deceased, by J. W. Wolfe, administrator de bonis non, Ponca City, Okla., assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricant. 2,183,294; Dec. 12.
Lincoln, Charles S., Wauwatosa, M. P. Hahn, Milwaukee, and R. R. Rockafield, West Allis, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Low head vibrating screen. 2,144,382; Jan. 17.
Lincoln Electric Company, The. (See Landis, G. G., and Hoenie, assignors.)
Lincoln Engineering Company. (See Barks, Frank S., assignor.)
Lincoln Engineering Company. (See Fletcher, Pierce, assignor.)
Lincoln Engineering Company. (See Holmes, F. and Klein, assignors.)
Lincoln Engineering Company. (See Kludt, Jonathan, assignor.)
Lincoln Engineering Company. (See Rotter, Lutwin C., assignor.)
Lincoln, John, Gary, Ind. Automatic seat folding device. 2,164,116; June 27.
Lincoln, John C., et al. (See Freund, Morris, assignor.)
Lincoln, Neil S., Detroit, Mich., assignor to The Columbia Axle Company, Cleveland, Ohio. Controlling mechanism for automobile transmissions. 2,143,446; Jan. 10.
Lincoln, Paul M., and R. R. Sprole, Ithaca, N. Y.; said Sprole assignor to said Lincoln. Thermal demand meter. 2,153,091; Apr. 4.
Lincoln, Paul M., and R. R. Sprole, Ithaca, N. Y.; said Sprole assignor to said Lincoln. Thermal electric meter. 2,153,092; Apr. 4.
Lincoln, Walter E., Belvidere, assignor of one-half to J. Laws, Rockford, Ill. Antiskid device. 2,178,592; Nov. 7.
Lind, Jay H., Brooklyn, N. Y. Apparel and parts thereof. 2,143,381; Jan. 10.
Lind, John H., Santa Barbara, Mexico, assignor to American Smelting and Refining Company, New York, N. Y. Drill. 2,160,158; May 30.
Lind, Otto, Dusseldorf, assignor to Henkel & Cie., G. m. b. H., Dusseldorf-Holthausen, Germany. Bleaching, washing, cleansing, and rising agents. 2,152,520; Mar. 28.
Lind, Tiffany, Port Chester, N. Y., assignor to Lin-Tox Corporation. Insecticide. 2,173,849; Sept. 26.
Lindahl, Sidney O., Denver, Colo. Photo flash synchronizer. 2,176,972; Oct. 24.
Lindars, Herman, London, England, assignor to Societe D'Exploitation Des Procedes Dabeg, Paris, France. Valve-control mechanism for steam engines. 2,178,236; Oct. 31.
Lindberg, Arvid, Jorn, Sweden. Antiskid device for wheel tires. 2,143,784; Jan. 10.
Lindberg Engineering Company. (See Stevenson, Cary H., assignor.)
Lindblad, Axel R., assignor to Bolidens Gruvaktiebolag, Stockholm, Sweden. Apparatus for determining gravity. 2,179,892; Nov. 14.
Lindblad, Axel R., Stockholm, and A. G. P. Palen, Saltsjobaden, assignors to Bolidens Gruvaktiebolag, Stockholm, Sweden. Manufacturing calcium aresnate. 2,156,595; May 2.
Lindblom, Frank W., Cranston, R. I., assignor to Welsh Manufacturing Company. Spectacle temple mounting. 2,154,382; Apr. 11.
Lindblom, Sten H., assignor to E. V. W. H. Von Geijer, Stockholm, Sweden. Detachable heel. 2,173,558; Sept. 19.
Linde Air Products Company, The. (See Babcock, R. S., and Gaines, assignors.)
Linde Air Products Company, The. (See Baird, A. W., and Outcalt, assignors.)
Linde Air Products Company, The. (See Bucknam, James H., assignor.)
Linde Air Products Company, The. (See Greene, Thomas W., assignor.)
Linde Air Products Company, The. (See Karwat, Ernst, assignor.)
Linde Air Products Company, The. (See Mesinger, William F., assignor.)
Linde Air Products Company, The. (See Moss, Herbert H., assignor.)
Linde Air Products Company, The. (See Pufahl, H. R., and Bucknam, assignors.)
Linde Air Products Company, The. (See Rockefeller, H. E., and Rountree, assignors.)
Linde Air Products Company, The. (See Schuftan, Paul, assignor.)
Linde Air Products Company, The. (See Shorter, Albert E., assignor.)
Linde Air Products Company, The. (See Smith, G. H., and Jacobsson, assignors.)
Linde Air Products Company, The. (See Young, Lloyd W., assignor.)
Linde Air Products Company, The. (See Zenner, George H., assignor.)
Linde Air Products Company, The. (See Zobel, T. and Noetzlin, assignors.)
Linde, Hilding, Kalmar, Sweden. Device for collecting refuse. 2,163,844; June 27.
Linde, Leonard J., Drexel Hill, Pa., assignor to General Electric Company. Electric disconnecting device. 2,176,718; Oct. 17.
Lindeberg, Carl, De Kalb, Ill., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Double bass shift for accordions. 2,180,684; Nov. 21.
Lindegren, Carl J., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Protector mechanism for looms. 2,179,338; Nov. 7.
Lindell, Oliver, Shawnee, Okla. Electric motor. 2,164,250; June 27.
Lindell, Sigurd I. (See Triplett, H. A., and Lindell.)
Lindelof, August E., Tampico, Ill. Plow colter and shoe. 2,161,714; June 6.
Lindeman, James E., Evanston, Ill., assignor, by mesne assignments, to Champion Brake Corporation, Wilmington, Del. Hand brake mechanism for railway cars. 2,150,742; Mar. 14.
Lindemann, Frederick W., Jr., St. Paul, Minn. Boiler flue blower. 2,146,546; Feb. 7.
Lindemann, George E., assignor to Republic Flow Meters Company, Chicago, Ill. Recording instrument. 2,156,503; May 2.
Lindemuth, Lewis B., Port Washington, N. Y. Regenerative metallurgical furnace. 2,176,674; Oct. 17.
Lindemuth, Lewis B., Port Washington, N. Y. Casting steel ingot. 2,183,576; Dec. 19.
Linden, Gad A. L., Brooklyn, N. Y. Hair curler. 2,162,262; June 13.
Linden, Walter R. (See Rowland, W. B., and Linden.)
Lindenberg, Louis, Rapid City, Manitoba, Canada. Poultry nest. 2,157,490; May 9.
Lindenberg, Wilhelm, Stuttgart, Germany, assignor to Eastern Kodak Company, Rochester, N. Y. Film winding mechanism for cameras. 2,168,998; Aug. 8.
Lindenblad, Nils E. (See Dow, O. E., and Lindenblad.)
Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency control. 2,143,891; Jan. 17.
Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Electron discharge device and circuit for high frequency oscillations. 2,149,024; Feb. 28.
Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Oscillation generation. 2,149,450; Mar. 7.
Lindenblad, Nils E., Port Jefferson, N. Y.; assignor to Radio Corporation of America. High frequency oscillator and modulator. 2,151,707; Mar. 28.
Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Electron discharge tube. 2,151,781; Mar. 28.
Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Oscillation generation system. 2,156,456; May 2.
Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Facsimile ink recorder. 2,157,549; May 9.
Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Sideband modulation. 2,167,722; Aug. 1.
Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. High-voltage generator. 2,171,242; Aug. 29.
Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Modulation. 2,171,629; Sept. 5.
Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. Resonant line. 2,181,901; Dec. 5.
Lindenblad, Nils E., Port Jefferson, N. Y., assignor to Radio Corporation of America. High voltage generator. 2,181,946; Dec. 5.
Linder, Andrew J., and H. E. Kalter, assignors to The Troxel Manufacturing Company, Elyria, Ohio. Bicycle saddle. 2,169,105; Aug. 8.
Linder, Betty, New York, N. Y., assignor to Blair Electrical Products Corporation, Newfoundland, N. J. Plug switch. 2,171,983; Sept. 5.
Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America, New York, N. Y. Radio apparatus. 2,142,648; Jan. 3.
Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America. Electronic discharge device. 2,145,361; Jan. 31.
Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America. Electron multiplier. 2,156,264; May 2.
Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America. Microwave oscillator and detector. 2,157,179; May 9.
Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America, New York, N. Y. Radio apparatus. 2,173,234; Sept. 19.
Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America. Aircraft landing system. 2,178,237; Oct. 31.
Linder, Ernest G., Philadelphia, Pa., assignor to Radio Corporation of America. Microwave electronic amplifier. 2,184,556; Dec. 26.
Linder, George, Pasadena, Calif. Brush holder. 2,184,460; Dec. 26.
Linder, Willy, Essen, Germany. Industrial furnace and the like. 2,146,751; Feb. 14.

Linder, Willy, Essen-Bredeney, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Slagging water-gas generator. 2,163,148; June 20.
Linder, Willy, Essen, Germany, assignor, by mesne assignments to Koppers Company, Pittsburgh, Pa. Regenerative gas heater with combustion shaft arranged outside the heater casing. 2,163,149; June 20.
Linder, Willy, Essen-Bredeney, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Continuous production of water gas, free of hydrocarbons, from bituminous fuels. 2,172,740; Sept. 12.
Linder, Willy, Essen-Bredeney, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Process and apparatus for the continuous gasifications of solid fuels. 2,175,610; Oct. 10.
Linder, Willy, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Gas heater. 2,175,611; Oct. 10.
Linderman, Bert A., Detroit, Mich. Fluid operated pressure transmission device. 2,166,165; July 18.
Linderman, Bert A., deceased, Detroit, Mich.; D. J. L. Linderman, administratrix, c. t. a., assignor to Linderman Devices, Inc., Neuburgh, N. Y. Fluid actuated device. 2,174,635; Oct. 3.
Linderman, D. Jean L., administratrix. (See Linderman, Bert A.)
Linderman Devices, Inc. (See Linderman, Bert A., assignor.)
Linderman Devices, Incorporated. (See Shaw, William C., assignor.)
Linderman, James E., Evanston, Ill., assignor to Champion Brake Corporation. Hand brake mechanism for railway cars. 2,166,256; July 18.
Linderman, Joseph, Chicago, Ill. Transfer. 2,160,665; May 30.
Linderoth, Erik T., Sodertalje, Sweden. Heat exchanging apparatus. 2,178,481; Oct. 31.
Lindert, Albert W. (See Harrel, C. G., and Lindert.)
Lindgren, Alexus C., Chicago, Ill., assignor to International Harvester Company. Left mechanism for tractor attached implements. 2,156,570; May 2.
Lindgren, Alexus C., Chicago, Ill., assignor to International Harvester Company. Grain screen for feeders. 2,159,663; May 23.
Lindgren, Alexus C., Chicago, Ill., assignor to International Harvester Company. Thresher. 2,159,664; May 23.
Lindgren, Alexus C., Chicago, Ill., assignor to International Harvester Company. Tilling implement. 2,164,214; June 27.
Lindgren, Alexus C., Chicago, and C. R. Raney, Riverside, Ill., assignors to International Harvester Company. Harvester-thresher. 2,142,587; Jan. 3.
Lindgren, Alexus C., Chicago, and J. Morkovski, Canton, Ill., assignors to International Harvester Company. Plow attachment for tractors. 2,156,569; May 2.
Lindgren, Alexus C., Chicago, and C. W. Mott, Rock Falls, Ill., assignors to International Harvester Company. Implement attachment for tractors. 2,156,571; May 2.
Lindgren, Alexus C., Chicago, and C. R. Raney, Riverside, Ill., assignors to International Harvester Company. Thresher. 2,166,416; July 18.
Lindgren, Alexus C., Chicago, and A. D. Gallagher, Canton, Ill., assignors to International Harvester Company. Harrow plow. 2,184,428; Dec. 26.
Lindgren, Egon R. (See Johnson, G. D., and Lindgren.)
Lindgren, Ferdinand, assignor to Boering Specialty Co., Bridgeport, Conn. Wire cutting apparatus. 2,144,540; Jan. 17.
Lindgren, Ferdinand, assignor to Boering Specialty Co., Bridgeport, Conn. Hand press. 2,184,356; Dec. 26.
Lindgren, Hans O., Appelviken, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal separator. 2,152,966; Apr. 4.
Lindgren, Hans O., Appelviken, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal separator. 2,169,263; Aug. 15.
Lindgren, Hans O., Appelviken, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Apparatus for conserving low boiling hydrocarbon vapors of centrifuged oil. 2,172,513; Sept. 12.
Lindgren, Hans O., Appelviken, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Regulating discharge from centrifugal separators. 2,174,272; Sept. 26.
Lindgren, Hans O., Appelviken, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Centrifuge for separating substances of different specific gravities. 2,179,941; Nov. 14.
Lindh, Efraim E., Kallinge, assignor to Elektrokemiska Aktiebolaget, Bohus, Sweden. Brightening nickel surfaces. 2,145,518; Jan. 31.
Lindhagen, Knut E. (See Waage, E., and Lindhagen.)
Lindholm, Arthur W., East Milton, and G. W. Anderson, North Quincy, assignors to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 2,162,263; June 13.
Lindley Box & Paper Company. (See Ballard, Charles H., assignor.)
Lindley, Stacey B., assignor to Indiana Canning Machinery Company, Indianapolis, Ind. Pulping and finishing machine. 2,142,649; Jan. 3.
Lindmark, Johan G., Stockholm, Sweden. Spirit and like cooking stove. 2,169,958; Aug. 15.
Lindner, Fritz. (See Lautenschläger, C. L., Lindner, Rigler, and Schaümann, assignors.)
Lindner, Karl A., Rahway, N. J. Apparatus for casting metals. 2,157,550; May 9.
Lindner, Herbert. (See Möller, Georg, assignor.)
Lindner, Herbert. (See Stopp, Robert, assignor.)
Lindner, Oscar. (See Lieber, Isaac, assignor.)
Lindquist, Albert W., Edgewood, R. I., assignor to Freeman Doughaday Company. Key holder. 2,183,994; Dec. 19.
Lindquist, Allan. (See Siebert, D. W., Greenwood, and Lindquist.)
Lindquist, Olga A. (See Myers, Emily T., assignor.)
Lindsay, Charles H., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Fire extinguisher. 2,181,428; Nov. 28.
Lindsay, Clarence A., Washington, D. C. Motor truck scale. 2,162,622; June 13.
Lindsay, Gordon, West Dulwich, London, England. Writing pad or paper sheet holder. 2,161,362; June 6.
Lindsay, Harvey B., Evanston, Ill. Locking screws. 2,152,521; Mar. 28.
Lindsay, Harvey B., Evanston, Ill. Metal mold. 2,180,422; Nov. 21.
Lindsay, Henry, assignor to Henry Lindsay Limited, Bradford, England. Hook adapter. 2,161,259; June 6.
Lindsay, Henry, Limited. (See Lindsay, Henry, assignor.)
Lindsay, James A., Spokane, Wash. Furnace. 2,160,509; May 30.
Lindsay, William C., Harriman, Tenn., assignor to Lock-Leg Table Company. Table. 2,158,726; May 16.
Lindsay Wire Weaving Company. (See Buell, E. J., and Martin, assignors.)
Lindsey, Ernest E., Los Angeles, Calif. Check valve. 2,169,052; Aug. 8.
Lindsey, Ernest E., Los Angeles, Calif., assignor to Insta-Freeze Corporation. Mechanical movement. 2,182,522; Dec. 5.
Lindsey, John W. (See Leo, H. T., Taylor, and Lindsey.)
Lindsey, Rafe M., Everett, Wash. Signal device for railroads. 2,172,912; Sept. 12.
Lindsley, Edward A., assignor to National Electric Screen Co., Chicago, Ill. Electrocuting trap. 2,159,618; May 23.
Lindsly Ben E., Washington, D. C. Bottom hole sampler. 2,147,983; Feb. 21.
Lindstaedt, Frank F., Oakland, Calif. Parasiticidal control. 2,158,371; May 16.
Lindstedt, Gustav A., assignor to Aktiebolaget Linham, Stockholm, Sweden. Device for screening-off secondary X-rays. 2,157,491; May 9.
Lindstedt, Gustav A., and E. H. Öhrn, assignors to Aktiebolaget Linham, Stockholm, Sweden. Device for screening off secondary X-rays. 2,148,631; Feb. 28.
Lindstedt, Gustav A., and E. H. Öhrn, assignors to Aktiebolaget Linham, Stockholm, Sweden. Manufacturing a device for screening-off scattered X-rays. 2,178,798; Nov. 7.
Lindström, Alrik C., Stockholm, Sweden. Mercury switch. 2,183,198; Dec. 12.
Lindstrom, Bruce G., assignor, by mesne assignments, to Globe-Union Inc., Milwaukee, Wis. Drying battery plates. 2,149,812; Mar. 7.
Lindstrom, Bruce G., Norrkoping, Sweden, assignor, by mesne assignments, to Globe-Union Inc., Milwaukee, Wis. Apparatus for drying battery plates. 2,149,813; Mar. 7.
Lindstrom, Gustaf T., Tonawanda, N. Y. Combined friction and positive clutch. 2,152,552; Mar. 28.
Line Material Company. (See Chatham, Clyde L., assignor.)
Line Material Company. (See Earle, R. H., and Steinmayer, assignors.)
Line Material Company. (See Giese, Lawrence F., assignor.)
Line Material Company. (See Lemont, Clarence J., assignor.)
Line Material Company. (See Mittelstadt, Walter E., assignor.)
Line Material Company. (See Nelson, Rolland D., assignor.)
Line Material Company. (See Schultz, William O., assignor.)
Line Material Company. (See Schultz, W. O., and Steinmayer, assignors.)
Line Material Company. (See Smythe, Robert L., assignor.)
Line Material Company. (See Steinmayer, Alwin G., assignor.)
Line, William K. (See Nichols, Keaton G., assignor.)
Linebarger, Charles E., assignor to The Chaslyn Company, Chicago, Ill. Hydrometer. 2,168,353; Aug. 8.
Lineham, Rowland A., and F. Barton, Leicester, England, assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Sewing machine. 2,180,423; Nov. 21.
Lingenbrink, Hermann E. F. C., assignor to William Sellers & Company, Incorporated, Philadelphia, Pa. Injector. 2,181,701; Nov. 28.
Liner, Joseph I., Toledo, Ohio, assignor to The Orion Electric Company, Wilmington, Del. Windshield wiper arm. 2,161,965; June 13.

Lines, Clifford R., New Haven, Conn., assignor, by mesne assignments, to Winchester Repeating Arms Company. Dry cell. 2,143,245; Jan. 10.
Lines, Edwin M. (See Graham, J. E., and Lines.)
Linet, Harry, Yonkers, N. Y. Cutting fur pelts. 2,161,830; June 13.
Lingal, Harry J., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,144,501; Jan. 17.
Lingal, Harry J., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Pressure relief means for oil circuit breaker tanks. 2,158,293; May 16.
Linge, Jacob H. (See Wood, Byron A., assignor.)
Lingg, Gustav, Berlin, Germany, assignor to General Electric Company. Current responsive apparatus. 2,183,685; Dec. 19.
Lingle, Nona F., Flint, Mich. Sifter. 2,168,130; Aug. 1.
Lingo, Archibald E., Collingswood, assignor to John E. Lingo & Son, Inc., Camden, N. J. Mast for radio broadcasting. 2,162,675; June 13.
Lingo, John E., & Son, Inc. (See Lingo, Archibald E., assignor.)
Lingo, William, Pasadena, Calif. Full floating starting device. 2,167,618; July 25.
Link, Arthur C., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone coin-collecting apparatus. 2,159,216; May 23.
Link-Belt Company. (See Allen, Harold F., assignor.)
Link-Belt Company. (See Bryan, Clare, assignor.)
Link-Belt Company. (See Bryant, Jerrus M., assignor.)
Link-Belt Company. (See Bryant, J. M., and McAninch, assignors.)
Link-Belt Company. (See Dyson, Ralph S., assignor.)
Link-Belt Company. (See Ekbom, Hilmer N., assignor.)
Link-Belt Company. (See Ekbom, H. N., and Korensky, assignors.)
Link-Belt Company. (See Ekbom, H. N., Korensky, and Staehelin, assignors.)
Link-Belt Company. (See Griffin, George H., assignor.)
Link Belt Company. (See Jaxon, George S., assignor.)
Link-Belt Company. (See Maurer, Albrecht, assignor.)
Link-Belt Company. (See McAninch, Herbert A., assignor.)
Link-Belt Company. (See Olson, G. H., Schoelm, and Allen, assignors.)
Link-Belt Company. (See Sayers, William W., assignor.)
Link-Belt Company. (See Sayers, W. W., Bergmann, and Watson, assignors.)
Link-Belt Company. (See Sayers, W. W., and Miick, assignors.)
Link-Belt Company. (See Tark, Marcus B., assignor.)
Link-Belt Company. (See Weiss, Charles R., assignor.)
Link Belt Company. (See Weiss, C. R., and Parker, assignors.)
Link, Edwin A., Jr., Binghamton, N. Y. Means and method of instrument indication in airplanes and the like. 2,178,637; Nov. 7.
Link, Edwin A., Jr., Binghamton, N. Y. Recorder. 2,179,663; Nov. 14.
Link, Forest L. W., Silverton, assignor to The Globe-Wernecke Company, Norwood, Ohio. Visible index follower block. 2,178,638; Nov. 7.
Link, Forest L. W., Silverton, assignor to The Globe-Wernicke Company, Norwood, Ohio. Slide shelf construction. 2,182,026; Dec. 5.
Link, George L., Chicago, Ill. Connecting electrode unit for neon signs. 2,152,319; Mar. 28.
Link, Jakob. (See Kartaschoff, V., and Link.)
Link, Julius C., Brooklyn, N. Y. Gem setting. 2,181,489; Nov. 28.
Link, Maximilian P., Los Angeles, Calif. Apparatus for coating tubing. 2,146,305; Feb. 7.
Link, Maximilian P., Los Angeles, Calif. Forming seams. 2,150,002; Mar. 7.
Link, Maximilian P., Los Angeles, Calif. Container. 2,158,549; May 16.
Linker, Henry F., Fort Wayne, Ind. Folding step. 2,142,949; Jan. 3.
Linman, Hjalmer A., Minneapolis, Minn. Line tightener and fastener. 2,164,995; July 4.
Linn, Adolf, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Electrode supporting structure. 2,154,275; Apr. 11.
Linn, Clyde H., New Brighton, Pa. Wheel. 2,148,699; Feb. 28.
Linn, Frank C., Swampscott, Mass., assignor to General Electric Company. Spinning spindle. 2,169,877; Aug. 15.
Linn, Frank C., Swampscott, Mass., assignor to General Electric Company. Lubricating arrangement. 2,169,878; Aug. 15.
Linnemans, Adrianus. (See Bol, C., and Linnemans.)
Linograph Corporation. (See Murray, Clay E., assignor.)
Linotone Corporation. (See Huggins, Owen R., assignor.)
Linotype and Machinery Limited. (See Billington, J. E., and Scott, assignors.)
Linotype and Machinery Limited. (See Ellis, Herbert, assignor.)
Linotype and Machinery Limited. (See Harrison, Vernon C. J., assignor.)
Lins, Carl G., Tuckahoe, N. Y. Picture making device. 2,167,518; July 25.
Linsell, Alfred A., London, England, assignor to Radio Corporation of America. Ignition system. 2,161,302; June 6.
Linsell, Alfred A., London, England, assignor to Radio Corporation of America. Television and like receiver. 2,180,944; Nov. 21.
Linsell, Alfred A., London, England, assignor to Radio Corporation of America. Modulated carrier wave receiving installation. 2,183,718; Dec. 19.
Linsley, Douglas F. (See Reilly, F. C., Carter, and Linsley.)
Linsner, Arthur F., assignor to Defiance Sales Corporation, New York, N. Y. Parallel straight edge. 2,162,264; June 13.
Linstead, Gilbert, and C. R. Polstra, assignors to The Atwood Vacuum Machine Company, Rockford, Ill. Foldable step. 2,153,946; Apr. 11.
Linstead, Reginald P. (See Davies, J. S. H., Wyler, Barrett, and Linstead.)
Linstead, Reginald P. (See Heilbron, I. M., Irving, and Linstead.)
Lintern, Alfred R. (See Lintern, William and A. R.)
Lintern, Alfred R., Detroit, Mich., assignor to Evans Products Company. Vehicle ventilating and signal unit. 2,153,147; Apr. 4.
Lintern, Alfred R., assignor to Evans Products Company, Detroit, Mich. Vehicle ventilating apparatus. 2,158,332; May 16.
Lintern, Alfred R., assignor to Evans Products Company, Detroit, Mich. Apparatus for heating motor vehicles. 2,158,758; May 16.
Lintern, Alfred R., and P. J. Miller, assignors to Evans Products Company, Detroit, Mich. Vehicle ventilating and heating apparatus. 2,162,439; June 13.
Lintern, Alfred R., and R. C. Spooner, assignors to Evans Products Company, Detroit, Mich. Vehicle ventilation apparatus. 2,172,939; Sept. 12.
Lintern Corporation, The. (See Lintern, John B., assignor.)
Lintern, John B., assignor to The Lintern Corporation, Cleveland, Ohio. Sanding device for vehicles. 2,163,911; June 27.
Lintern, William, Cleveland, Ohio, assignor, by mesne assignments, to Evans Products Company, Detroit, Mich. Air conditioning apparatus for vehicle bodies. 2,147,906; Feb. 21.
Lintern, William, Cleveland, Ohio, assignor, by mesne assignments, to Evans Products Company, Detroit, Mich. Vehicle body ventilation system and apparatus. 2,165,559; July 11.
Lintern, William, Cleveland, Ohio, and A. R. Lintern, assignors to Evans Products Company, Detroit, Mich. Vehicle body ventilation. 2,155,018; Apr. 18.
Lintern, William A., assignor to The Lintern Corporation, Cleveland, Ohio. Sanding device for overhead cranes. 2,163,953; June 27.
Lin-Tox Corporation. (See Lind, Tiffany, assignor.)
Linz, Arthur, New York, N. Y., and L. W. Coffer, Detroit, Mich., assignors to Climax Molybdenum Company, New York, N. Y. Producing molybdenum orange. 2,176,819; Oct. 17.
Linzell, Harry K., Ingleside, assignor to United States Gypsum Company, Chicago, Ill. Board joint reinforcement. 2,171,210; Aug. 29.
Lion, Harold S., and C. G. Rohrer, assignors, by mesne assignments, to The Evans Manufacturing Company, Cincinnati, Ohio. Milk crate corner assembly. 2,148,027; Feb. 21.
Lion, Kurt. (See Dessauer, F., and Lion.)
Lionel Corporation, The. (See Bonanno, Joseph L., assignor.)
Lionel Corporation, The. (See Giaimo, Charles V., assignor.)
Lioy, Francesco P., assignor to Howe Machinery Co., Inc., Passaic, N. J. Shoemaker's jack. 2,145,311; Jan. 31.
Lipchow, Walter F., Milwaukee, Wis. Baseball game. 2,146,636; Feb. 7.
Lipe, W. C., Inc. (See Fish, Earl R., assignor.)
Lipe, W. C., Inc. (See Spase, Charles B., assignor.)
Lipiner, Edmund, Shorzow, Poland. Door lock. 2,174,890; Oct. 3.
Lipkin, David, assignor to The Atlanta Refining Company, Philadelphia, Pa. Lubricant. 2,146,584; Feb. 7.
Lipkin, Harry A., Philadelphia, Pa. Container. 2,142,793; Jan. 3.
Lipowsky, Louis M., and I. Bach, Brooklyn, N. Y. Container for bakery products. 2,159,279; May 23.
Lipp, Leo. (See Grimson, S. B., and Lipp.)
Lipp, Victor K. (See Zandt, L. W., and Lipp.)
Lippert, Alfred, assignor of one-half to E. A. Deaville, Banks, Oreg. Air cleaner for vacuum brakes. 2,172,710; Sept. 12.
Lippert, Arnold L. (See Ford, F. M., and Lippert.)
Lippert, Arnold L., assignor to Joseph Bancroft & Sons Co., Wilmington, Del. Finishing chintz. 2,148,316; Feb. 21.
Lippert, Arnold L., Wilmington, Del., and E. E. Reid, Baltimore, Md., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Cyclic amides and their production. 2,156,300; May 2.
Lippert, Henry E., Pittsburgh, Pa. Fuel distributing apparatus. 2,155,607; Apr. 25.
Lippert, Henry E., Pittsburgh, Pa. Fuel distributing apparatus. 2,155,608; Apr. 25.

Lippitt, Stephen W., Cleveland, Ohio. Spring cover. 2,157,418; May 9.
Lippert, Victor A., assignor of one-half to R. D. Wernet, Canton, Ohio. Detachable and replaceable heel. 2,165,281; July 11.
Lippincott, Morss, et al. (See Peck, Robert E., assignor.)
Lippincott, Samuel B., Terre Haute, assignor to Purdue Research Foundation, La Fayette, Ind. Making hydroxamic acids. 2,168,305; Aug. 1.
Lippincott, Wells A., and B. W. Hubbard, Oak Park, assignors to Ideal Roller & Manufacturing Company, Chicago, Ill. Surfacing of inking rolls. 2,172,394; Sept. 12.
Lippman, Benjamin and J., Brooklyn, N. Y. Knitting machine. 2,183,719; Dec. 19.
Lippman, Julius. (See Lippman, Benjamin and J.)
Lippold, Adolph J., Milwaukee, Wis., assignor to Cherry-Burrell Corporation, Chicago, Ill. Receptacle filling device. 2,171,757; Sept. 5.
Lippold, Adolph J., Milwaukee, Wis., assignor to Cherry-Burrell Corporation, Chicago, Ill. Gear pump for lubricating systems. 2,173,653; Sept. 19.
Lippold, Adolph J., Milwaukee, Wis., assignor to Cherry-Burrell Corporation, Chicago, Ill. Bottle filling apparatus. 2,176,557; Oct. 17.
Lipschutz, Joseph. (See Ruger Harry C., assignor.)
Lipscomb, W. C. (See Chapman, Robert S., assignor.)
Lipsis, Arthur H., assignor to Sears, Roebuck and Co., Chicago, Ill. Locking device. 2,180,117; Nov. 14.
Lipsius, Samuel, New York, N. Y. Automatic powdering machine for thermographic raised printing. 2,175,272; Oct. 10.
Liptak, Peter R., Tonawanda, N. Y. Convertible automobile seat. 2,145,987; Feb. 7.
Lipton Manufacturing Co. (See Goldstein, Lewis W., assignor.)
Liquid Carbonic Corporation, The. (See Chilton, Henry J., assignor.)
Liquid Carbonic Corporation, The. (See Cordrey, A. J., and Wagner, assignors.)
Liquid Carbonic Corporation, The. (See Hoffman, A. F., Schmutzer, and Manrodt, assignors.)
Liquid Carbonic Corporation, The. (See Kantor, James, assignor.)
Liquid Carbonic Corporation, The. (See Wagner, Melvin, assignor.)
Liquidometer Corporation, The. (See de Giers, Clarence A., assignor.)
Lisk, Harry E., Independence, Iowa. Salting apparatus for refrigerating cars or the like. 2,148,317; Feb. 21.
Lisle, Howard C., Lansing, Mich., assignor to Food Machinery Corporation, San Jose, Calif. Fruit and other product washing machine. 2,159,619; May 23.
Lisov(John, Montclair, N. J. Magazine for firearms. 2,180,741; Nov. 21.
Liss, August S., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Forming apparatus. 2,146,828; Feb. 14.
Liss, Bess S., Detroit, Mich. Acoustic device supporter. 2,156,504; May 2.
Liss, Joseph J., Chicago, Ill. Handle for oars, cranks, and the like. 2,159,093; May 23.
Lissauer, Adolph W., assignor to Louisville Drying Machinery Co., Incorporated, Louisville, Ky. Method and apparatus for screening wet material. 2,155,764; Apr. 25.
Lissauer, Walter, Horsens, Denmark. Loudspeaker with oscillatory coil. 2,147,605; Feb. 14.
List, Heinrich, Berlin-Lankwitz, and G. Hagedorn, Berlin-Halensee, assignors to Vertriebs-Gesellschaft des Leipziger Leicht-metall-Werk m. b. H., Berlin, Germany. Generation of extremely large short-duration energy impulses. 2,147,381; Feb. 14.
List, Heinrich, Berlin-Lichterfelde, Germany. Electric motor. 2,173,282; Sept. 19.
List, Heinrich, Berlin-Lichterfelde, Germany. Instrument for stroboscopic observations. 2,178,482; Oct. 31.
Lister, R. A., & Company Limited. (See Wilson, Martin W., assignor.)
Lister, William, Chicago, Ill. Rotary internal combustion engine. 2,162,851; June 20.
Liston, Earl C., Denver, Colo. Lethal gas chamber. 2,172,768; Sept. 12.
Litchy, Louis J., Royalton, Minn. Snow plow. 2,160,972; June 6.
Litchy, Louis J., Royalton, Minn. Adjustable flareboards for a plow. 2,160,973; June 6.
Lithoprint Company of New York, Inc. (See Riesenkönig, Herman F., assignor.)
Litle, Thomas J., Jr., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Drain hose construction for laundry machines. 2,147,124; Feb. 14.
Litle, Thomas J., Jr., Detroit, Mich. Resilient cushion for beds, chairs, or the like. 2,156,664; May 2.
Litle, Thomas J., Jr., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Valve construction. 2,175,718; Oct. 10.
Litman, Chester K. (See Starr, R. H., Masters, and Litman.)
Litschert, Carl Z., Cleveland Heights, Ohio. Cushion heel. 2,156,342; May 2.
Litsinger, George K., assignor to S. Morgan Smith Company, York, Pa. Bearing for hydraulic turbine shafts. 2,154,759; Apr. 18.
Littell, F. J., Machine Company. (See Littell, Frederick M., assignor.)
Littell, F. J., Machine Company. (See Skriba, Rudolph A., assignor.)
Littell, Frederick M., assignor to F. J. Littell Machine Company, Chicago, Ill. Automatic reel. 2,161,228; June 6.
Littell, Nelson. (See Zerr, Karl L., assignor.)
Little, Alton and I., Woodson, Tex. Condiment holder. 2,172,127; Sept. 5.
Little, Arthur D., Inc. (See Avery, Julian M., assignor.)
Little, Arthur D., Inc. (See Harford, Charles G., assignor.)
Little, Arthur D., Incorporated. (See Hervey, Laurence R. B., assignor.)
Little, Arthur D., Inc. (See Kleinschmidt, Robert V., assignor.)
Little, Charles H. (See Little, Charles H., assignor.)
Little, Charles H., assignor of one-tenth to C. H. Little, Cleveland Heights, Ohio. Drafting machine. 2,155,724; Apr. 25.
Little, Charles H., assignor of one-tenth to C. H. Little, Cleveland Heights, Ohio. Drafting machine. 2,164,215; June 27.
Little, Charles H., assignor of one-tenth to C. H. Little, Cleveland Heights, Ohio. Drafting machine. 2,164,216; June 27.
Little, Charles H., assignor of one-tenth to C. H. Little, Cleveland Heights, Ohio. Drafting machine. 2,164,217; June 27.
Little, Charles H., assignor of one-tenth to C. H. Little, Cleveland Heights, Ohio. Drafting machine. 2,164,218; June 27.
Little, Charles H., assignor of one-tenth to C. H. Little, Cleveland Heights, Ohio. Drafting machine. 2,178,045; Oct. 31.
Little, Charles H., assignor of one-tenth to C. H. Little, Cleveland Heights, Ohio. Drafting machine. 2,178,046; Oct. 31.
Little, Charles H., assignor of one-tenth to C. H. Little, Cleveland Heights, Ohio. Ruler. 2,182,027; Dec. 5.
Little, Charles H. and C. H., Cleveland Heights, Ohio. Drafting machine. 2,168,940; Aug. 8.
Little, Charles Henry and Charles Hubbard, Cleveland Heights, Ohio. Drafting ruler. 2,182,028; Dec. 5.
Little, Charles Hubbard. (See Little, Charles H., assignor.)
Little, Charles Hubbard. (See Little, Charles H. and C. H.)
Little, David J., assignor to Southern Steel Company, San Antonio, Tex. Fuel gas apparatus. 2,166,911; July 18.
Little, David J., San Antonio, Tex., assignor to Southern Steel Company. Liquefied hydrocarbon gas storage and dispensing system. 2,166,912; July 18.
Little, David J., San Antonio, Tex., assignor to Southern Steel Company. Apparatus for storing and dispensing liquefied hydrocarbon gas. 2,166,913; July 18.
Little, David J., San Antonio, Tex., assignor to Southern Steel Company. Liquefied hydrocarbon gas storage and dispensing system. 2,166,914; July 18.
Little, David J., San Antonio, Tex., assignor to Southern Steel Company. Method of and apparatus for storing and dispensing liquefied gas. 2,166,915; July 18.
Little, Donald G., Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Neutralizing circuit. 2,162,535; June 13.
Little, Edward H., and W. R. Vansant, Ashland, Ky. Barrel structure. 2,172,286; Sept. 5.
Little, Edwin G. (See McWhirter, W. C., and Little.)
Little, Elmer H., Needham, assignor to The Gamewell Company, Newton, Mass. Switch. 2,184,780; Dec. 26.
Little, Ivan. (See Little, Alton and I.)
Little, John A., Minto, Manitoba, Canada. Steel tent peg. 2,156,021; Apr. 25.
Little, John H., assignor to General Motors Corporation, Detroit, Mich. Roof speaker mounting. 2,165,637; July 11.
Little, John W., Pawtucket, R. I., assignor to Forbes Lithograph Manufacturing Company, Chelsea, Mass. Package. 2,155,668; Apr. 25.
Little, Julius G., assignor to Hercules Powder Company, Wilmington, Del. Adhesive composition. 2,179,339; Nov. 7.
Little, Lucius F., Owensboro, Ky. Artificial maturing of alcoholic liquors. 2,180,685; Nov. 21.
Little, Marous L. (See Bowlby, W. D., and Little.)
Little, Royal, Providence, and F. W. Fraim, Cranston, assignors to Franklin Rayon Corporation, Providence, R. I. Apparatus for testing textile packages. 2,157,135; May 9.
Little, Royal, Providence, and F. W. Fraim, Cranston, assignors to Atlantic Rayon Corporation, Providence, R. I. Pretesting and dyeing textile packages. 2,167,365; July 25.
Little, Thomas J., Riverdale, assignor to Anaconda Wire & Cable Company, New York, N. Y. Zinc ground rod. 2,157,180; May 9.
Little, Warren E., Youngstown, Ohio. Gauging device. 2,158,466; May 16.
Littlefield, Edith M. (See Littlefield, Henry B., assignor.)
Littlefield, Henry B., assignor to E. M. Littlefield, North White Plains, N. Y. Construction and structure resulting therefrom. 2,178,667; Nov. 7.

Littlefield, John B., Crafton, assignor to Mine Safety Appliances Company, Pittsburgh, Pa. Gas analysis. 2,174,349; Sept. 26.
Littlefield, Verne D., Beverly Hills, Calif., assignor to Armour and Company, Chicago, Ill. Egg white product and preparing the same. 2,166,070; July 11.
Littlefield, Verne D., Beverly Hills, Calif., assignor to Armour and Company, Chicago, Ill. Egg white process. 2,168,926; Aug. 8.
Littlehale, Philip E., assignor, by mesne assignments, to Rockhill Patent Holding Corporation, Middletown, Conn. Ammunition for explosive operated tools. 2,149,814; Mar. 7.
Littlehales, Hazel R., Seattle, Wash. Antiseepage breast device. 2,163,792; June 27.
Littlejohn, Orville D., Los Angeles, Calif. Propeller. 2,173,397; Sept. 19.
Littleton, Jesse T., assignor to Corning Glass Works, Corning, N. Y. Tempering glass articles. 2,145,119; Jan. 24.
Littleway Process Company, The. (See Fausse, Joseph, assignor.)
Littman, Zeno, New York, N. Y. Supporting, equalizing, and stabilizing mechanism. 2,154,463; Apr. 18.
Littmann, August, assignor of one-half to L. H. Scurlock, Chicago, Ill. Die casting machine. 2,172,798; Sept. 12.
Littmann, Bernhard, Richmond Heights, and R. C. Rueff, assignors to Nixdorff-Krein Manufacturing Co., St. Louis, Mo. Antiskid device. 2,150,448; Mar. 14.
Littmann, Edwin R., assignor to Hercules Powder Company, Wilmington, Del. Treatment of abietyl compounds and products produced thereby. 2,143,989; Jan. 17.
Littmann, Edwin R., assignor to Hercules Powder Company, Wilmington, Del. Purification of maleic anhydride. 2,150,331; Mar. 14.
Littmann, Edwin R., assignor to Hercules Powder Company, Wilmington, Del. Treatment of abietyl compounds and products produced thereby. 2,154,629; Apr. 18.
Littmann, Edwin R., assignor to Hercules Powder Company, Wilmington, Del. Treatment of abietyl compounds and products produced thereby. 2,177,530; Oct. 24.
Littmann, Ellis, Clayton, assignor to Mixdorff-Krein Manufacturing Co., St. Louis, Mo. Antiskid chain. 2,151,520; Mar. 21.
Litty, Paul, Leipzig, Germany. Producing a testing thread. 2,167,808; Aug. 1.
Litwack, Charles. (See Berman, B. F., and Litwack.)
Litzenberg, William R. (See Axtell, Harold B., assignor.)
Liuhto, Martti J., Kytaja, Finland. Implement for topping of beets. 2,167,244; July 25.
Livak, John E. (See Britton, E. C., Smith, Livak, and Sunderland.)
Livar, Allen P., Yonkers, assignor to Reynolds Corporation, New York, N. Y. Sectional furnace. 2,159,440; May 23.
Lively, Orin P., Portsmouth, Va., assignor to Cone Worm Gear Corporation. Grinding worms. 2,144,459; Jan. 17.
Liverance, Frank E., Jr., Grandville, Mich. Motor vehicle engine starting. 2,151,981; Mar. 28.
Livermore, Frank D., Far Rockaway, N. Y., assignor of one-half to V. J. Miller, South Orange, N. J. Building construction. 2,143,420; Jan. 10.
Livermore, Homer F., Boston, assignor to Guaranteed Parts, Inc., Allston, Mass. Shuttle guide for looms. 2,171,729; Sept. 5.
Livesay, Everett G., Miami, Fla. Concrete window trim and making. 2,166,870; July 18.
Livingston, Callard, Chicgo, assignor of one-half to J. A. Davis, Highland Park, Ill. Razor. 2,157,492; May 9.
Livingston, Clifton W., Baguio, P. I. Mineral classifier machine. 2,155,319; Apr. 18.
Livingston, George P., Quincy, Fla. Mouse and rat trap. 2,162,623; June 13.
Livingston, Harry T., Brooklyn, assignor to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,159,094; May 23.
Livingston, Myran J. (See Keith, P. C., Jr., Wilson, and Livingston.)
Livingston, Orrin W. (See Teare, W. H., and Livingston.)
Livingston, Stanley D., Freeport, N. Y. Balancing machine. 2,174,665; Oct. 3.
Livoti, Joseph, Roseville, Calif. Can and insertible pouring spout. 2,171,094; Aug. 29.
Lizak, John F., McKeesport, Pa. Curtain stretcher. 2,150,003; Mar. 7.
Ljungkull, Rolf E., assignor to American Hoist and Derrick Company, St. Paul, Minn. Locomotive crane. 2,142,360; Jan. 3.
Ljungstrom, Olof, Detroit, Mich. Internal combustion engine. 2,169,652; Aug. 15.
Ljungstrom, Olof, Detroit, Mich. Fuel injector pump. 2,180,475; Nov. 21.
Llach, Humberto, and P. R. Avalo, assignors to Neway Advertising Corp., New York, N. Y. Advertising laundry cardboard. 2,151,478; Mar. 21.
Llewellyn, Don, Huntington Park, Calif. Centrifugal pump. 2,163,464; June 20.
Llewellyn, Frederick B., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Guided wave transmission. 2,142,138; Jan. 3.
Llewellyn, Frederick B., Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High Frequency oscillator. 2,163,756; June 27.
Llewellyn, Lewis K., Evanston, and A. R. Barton, Oak Park, assignors to E. J. Brach & Sons, Chicago, Ill. Confectionery molding machine. 2,145,399; Jan. 31.
Llorens, Louis M., New York, assignor, by mesne assignments, to G. Moore, Hastings-on-Hudson, N. Y. Adding and calculating machine. 2,152,320; Mar. 28.
Lloyd, Alfred J. and C. W., Orillia, Ontario, Canada. Machine for operating upon nuts. 2,183,080; Dec. 12.
Lloyd, Arthur H., and H. H. Benny, Coventry, England, assignors to The Monarch Machine Tool Company, Sidney, Ohio. Hardening of metal surfaces. 2,154,947; Apr. 18.
Lloyd, Arthur H., assignor to Alfred Herbert Limited, Coventry, England. Driving the shafts of machine tools at different speeds. 2,156,596; May 2.
Lloyd, Cyrus W. (See Lloyd, Alfred J. and C. W.)
Lloyd, David W., Webster Groves, Mo., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake system. 2,184,557; Dec. 26.
Lloyd, Eldon E., Maryville, Mo. Traction tire chain. 2,165,865; July 11.
Lloyd, Ernest G., Los Angeles, Calif. Method of and means for forming unbreakable lenses. 2,166,215; July 18.
Lloyd-Jones, Thomas C., and S. E. Kinnear, Modesto, Calif. Harvester. 2,167,980; Aug. 1.
Lloyd Manufacturing Corp. (See Klass, Albert, assignor.)
Lloyd, Pansy B., Sioux City, Iowa. Amusement device. 2,149,815; Mar. 7.
Lloyd, Robert J., deceased, Detroit, Mich.; A. Philip, executor. Jig and method for reconditioning the aligning edges of lugs of matrices as used in typesetting machines. 2,169,346; Aug. 15.
Lloyd, Robert L., Laurelton, N. Y., assignor to American-Maize-Products Company. Bakery product. 2,172,211; Sept. 5.
Lloyd, Stanley M., West Englewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Testing apparatus. 2,158,630; May 16.
Lloyd, Thorne E., Netcong, N. J., assignor to Dwight & Lloyd Sintering Company, Inc., New York, N. Y. Apparatus for making nodules or pellets. 2,158,513; May 16.
Lloyd, Thorne E., Netcong, N. J., assignor to Dwight & Lloyd Metallurgical Company, New York, N. Y. Calcining finely divided calcium carbonate. 2,167,120; July 25.
Lloyd, Will L., Jr., Pittsfield, Mass, assignor to General Electric Company. High voltage discharge apparatus. 2,145,727; Jan. 31.
Lloyds Bank Limited, executor. (See Topham, Charles F.)
Lloyds Mfg. Co. (See Williams, Lloyd M., assignor.)
Loane, Clarence M. (See Rogers, T. H., Loane, and Shoemaker.)
Loane, Clarence M. (See Shoemaker, B. H., and Loane.)
Loane, Clarence M., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Lubricating oil. 2,154,096; Apr. 11.
Loane, Clarence M., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Lubricating oil. 2,154,097; Apr. 11.
Loane, Clarence M., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Petrolatum. 2,177,729; Oct. 31.
Loane, Clarence M., and B. H. Shoemaker, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Extreme pressure lubricant. 2,154,098; Apr. 11.
Loane, Clarence M., and B. H. Shoemaker, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricant. 2,160,273; May 30.
Loane, Clarence M., Whiting, and B. H. Shoemaker, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricant. 2,160,880; June 6.
Loane, Clarence M., and B. H. Shoemaker, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricant. 2,160,881; June 6.
Loane, Clarence M., and B. H. Shoemaker, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricant. 2,168,674; Aug. 8.
Loane, Clarence M., Whiting, and B. H. Shoemaker, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricant. 2,169,700; Aug. 15.
Lobasso, Vincent, New York, N. Y. Label affixing machine. 2,179,264; Nov. 7.
Lobdell, Alban J., Jr. (See Wilson, W. S., and Lobdell.)
Lobdell, Benjamin N., assignor to The Lobdell-Emery Manufacturing Company, Alma, Mich. Saddle for cycles. 2,152,553; Mar. 28.
Lobdell-Emery Manufacturing Company, The. (See Lobdell, Benjamin N., assignor.)
Lobdell-Emery Manufacturing Company, The. (See Swett, Earl W., assignor.)
Lobl, Frederick, Middleboro, Mass. Beverage making apparatus. 2,151,407; Mar. 21.
Lobl, Frederick, Middleboro, Mass. Container and closure therefor. 2,171,730; Sept. 5.
Lochhead, Elmer C., assignor of one-half to C. R. Henderson, Moberly, Mo. Hosiery and making the same. 2,170,149; Aug. 22.

Lochhead, John L., Springfield, Mass. Trigger for machine guns. 2,151,708; Mar. 28.
Lo Cicero, Nicolo. (See Oriola, Alfonso C., assignor.)
Lockard, Bernhard M. (See Leisner, P. W., and Lockard.)
Locke, Albert R., Oak Park, Ill., assignor to Houde Engineering Corporation, Buffalo, N. Y. Automotive air conditioning system. 2,166,635; July 18.
Locke, Albert R., Oak Park, Ill. Electric power transmission and distribution system. 2,173,121; Sept. 19.
Locke Insulator Corporation. (See Rowland, Davidge, H., assignor.)
Locke, Morton F., et al., trustees. (See Davis, Kenneth, assignor.)
Locke, Nettie, Seattle, Wash. Sleeve hair curler. 2,161,478; June 6.
Locke Steel Chain Company, The. (See Baker, Chauncey W., assignor.)
Locke Steel Chain Company, The. (See Stegeman, Henry J., assignor.)
Locke, William B., assignor to Ex-Cell-Q Corporation, Detroit, Mich. Dressing and truing abrasive wheels. 2,176,350; Oct. 17.
Lockett, Andrew M., New Orleans, La. Envelope opener. 2,178,483; Oct. 31.
Lockett, Aubrey L., et al. (See Clark, J. D., assignor.)
Lockett, Ralph G., Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controlling device. 2,164,037; June 27.
Lockey, James, Great Burgh, Epsom, England, assignor to Standard Brands Incorporated, New York, N. Y. Aeration apparatus. 2,151,126; Mar. 21.
Lockey, James, Epsom, England, assignor to Standard Brands Incorporated, New York, N. Y. Aerating device. 2,176,558; Oct. 17.
Lockhart, Marshall L., Des Moines, Iowa. Sound pick-up and amplifying apparatus. 2,145,440; Jan. 31.
Lockhart, Percy, Ann Arbor, Mich. Signal. 2,181,761; Nov. 28.
Lockhart, William, assignor to Cornell Securities Corporation, Cleveland, Ohio. Receptacle and closure therefor. 2,159,390; May 23.
Lockhart, William, assignor to Cornell Securities Corporation, Cleveland, Ohio. Metallic receptacle and closure therefor. 2,162,663; June 13.
Lockhart, William, assignor to Cornell Securties Corporation, Cleveland, Ohio. Receptacle and closure therefor. 2,162,664; June 13.
Lockhart, William, Northfield, Ohio, assignor to The National Steel Barrel Company. Method of and apparatus for burnishing. 2,170,533; Aug. 22.
Lockhart, William, Northfield, Ohio, assignor to The National Steel Barrel Company. Apparatus for shaping paper. 2,178,121; Oct. 31.
Lockhart, William A., assignor to Shuron Optical Company, Inc., Geneva, N. Y. Lens grinding and polishing machine. 2,168,843; Aug. 8.
Lockhart, William K. (See Wells, W. B., and Lockhart.)
Lock-Leg Table Company. (See Lindsay, William C., assignor.)
Lock-on Heel Company. (See Gordon, H., and Rogge, assignors.)
Lockwood, Edwin H. (See Hadley, D. L., and Lockwood.)
Lockwood, Edwin H., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Pilot light for ovens. 2,151,782; Mar. 28.
Lockwood, Edwin H., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Heating system and switch therefor. 2,177,281; Oct. 24.
Lockwood, Edwin H., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooking plate. 2,177,282; Oct. 24.
Lockwood, Edwin J., Peekskill, assignor to The Borden Company, New York, N. Y. Producing a frozen confection. 2,173,850; Sept. 26.
Lockwood, Edwin J., Peekskill, N. Y. Tank vehicle construction. 2,185,030; Dec. 26.
Lockwood, George M., River Rouge, Mich., and O. H. Schoenberger, Los Angeles County, Calif.; said Lockwood assignor to said Schoenberger. Display machinery. 2,181,021; Nov. 21.
Lockwood, Harry B., East Cleveland, assignor to Willard Storage Battery Company, Cleveland, Ohio. Apparatus for setting and drying battery plates. 2,152,554; Mar. 28.
Lockwood, Henry C., deceased, Brooklyn, N. Y.; I. T Lockwood, administratrix. Welding and welded joint. 2,145,937; Feb. 7.
Lockwood, Isabel T., administratrix. (See Lockwood, Henry C.)
Lockwood, Lee. Des Moines, Iowa. Furnace. 2,160,481; May 30.
Lockwood, Lloyd D., Madison, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Getter and the application thereof. 2,167,762; Aug. 1.
Lockwood Manufacturing Company, The. (See Chandonia, Elmer H., assignor.)
Lockwood Manufacturing Company, The. (See Chandonia, John E., assignor.)
Lockwood, Thorval J., Kimball, Nebr. Potato digger chain. 2,177,730; Oct. 31.
Lockyer, Robert H., San Francisco, Calif. Combination flowerpot. 2,172,514; Sept. 12.
Locomotive Finished Material Company, The. (See Muchnic, Henry E., assignor.)
Locomotive Firebox Company. (See Christenson, Gust J., assignor.)
Locomotive Firebox Company. (See Nelson, Arthur W., assignor.)
Locomotive Firebox Company. (See Reardon, Edward J., assignor.)
Lodde, Herbert. (See Dieckmann, John and E. W., and Lodde.)
Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of glycolic acid. 2,152,852; Apr. 4.
Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Condensation reaction. 2,158,031; May 9.
Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Recovery process. 2,160,575; May 30.
Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of anhydrous boron fluoride. 2,160,576; May 30.
Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Synthesis of organic acids higher than acetic acid. 2,162,459; June 13.
Loder, Donald J., assignor to E. I. du Pont de Nemous & Company, Wilmington, Del. Propionic acid synthesis. 2,170,825; Aug. 29.
Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of unsaturated nitriles. 2,175,810; Oct. 10.
Loder, Donald J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of ketenes. 2,175,811; Oct. 10.
Lodewick, Madeleine and M., New York, N. Y. Educational device. 2,170,971; Aug. 29.
Lodewick, Mildred. (See Lodewick, Madeleine and M.)
Lodge, Edmund G., assignor to The Stackpole Carbon Company, St. Marys, Pa. Friction clutch rheostat. 2,172,011; Sept. 5.
Lodge, Edmund G., assignor to Stackpole Carbon Company, St. Marys, Pa. Electric control device. 2,178,283; Oct. 31.
Lodge, Frank. (See Knight, A. H., and Lodge.)
Lodge & Shipley Machine Tool Company, The. (See Fritzsch, Frank A., assignor.)
Lodge & Shipley Machine Tool Company, The. (See Dolle, William L., assignor.)
Lodge, William L., University City, Mo., assignor to McGraw Electric Company, Chicago, Ill. Automatic toaster and controlling the same. 2,149,972; Mar. 7.
Loeb, Carl. (See Henning, W., Bursack, and Loeb.)
Loeb, Rudolf, Jenkintown, Pa. Embroidering machinery. 2,145,885; Feb. 7.
Loebs, Albert G., Jr. (See Loebs, Albert J., assignor.)
Loebs, Albert J., Brooklyn, assignor to A. G. Loebs, Jr., Forest Hills, N. Y. Air injector for internal combustion engines. 2,157,551; May 9.
Loeffelholz Company. (See Bernhardt, Paul, assignor.)
Loeffler, Bruno, Plainfield, N. J., assignor to Mack Manufacturing Corporation. Pneumatic Diesel air chamber valve control mechanism. 2,142,950; Jan. 3.
Loeffler, John, Detroit, Mich. Amusement device. 2,176,675; Oct. 17.
Loeffler, William, Jr. (See Marsack, S., and Loeffler.)
Loehr, Claude E., and J. H. Hill, Walla Walla, Wash. Air cleaner. 2,143,421; Jan. 10.
Loen, Hans, Bloomfield, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Temperature compensated indicating instrument. 2,178,799; Nov. 7.
Loepsinger, Albert J., assignor to General Fire Extinguisher Company, Providence, R. I. Conditioning the air in an enclosure. 2,163,692; June 27.
Loepsinger, Albert J., assignor to American Moistening Company, Providence, R. I. Atomizer. 2,173,072; Sept. 12.
Loepsinger, Albert J., assignor to General Fire Extinguisher Company, Providence, R. I. Atomizing liquids. 2,182,897; Dec. 12.
Loepsinger, Albert J., Providence, and H. E. Rose, Warwick, assignors to General Fire Extinguisher Company, Providence, R. I. Automatic sprinkler. 2,151,982; Mar. 28.
Loetscher, Daniel G., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Insecticidal oil spray. 2,155,946; Apr. 25.
Loetz, Hans C., Sturgis, Mich. Cherry picker. 2,177,041; Oct. 24.
Loewe, Alfred F., New York, N. Y., assignor, by mesne assignments, to The Food Dispenser Company, Hartford, Conn. Closure for dispensers. 2,169,779; Aug. 15.
Loewe Radio, Inc. (See Schlesinger, Kurt, assignor.)
Loewe Radio, Inc. (See Wolff, Hanns-Heinz, assignor.)
Loewenbuck, Sebastian, Zurich, Switzerland. Typewriter with type wheel and normal keyboard. 2,168,824; Aug. 8.
Loewenstein, Rudolf. (See Hartmann, O. H., and Loewenstein.)
Loewer, Henry F., Rochester, N. Y., assignor to United Last Company, Boston, Mass. Last. 2,171,706; Sept. 5.
Loewus, Julian S., Baltimore, Md. Vibration dampener. 2,147,660; Feb. 21.

Loewus, Julian S., Baltimore, Md. Cushion support. 2,156,301; May 2.
Lofdahl, George A., et al. (See Paul, Leonard B., assignor.)
Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,155,669; Apr. 25.
Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,171,856; Sept. 5.
Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,174,443; Sept. 26.
Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, New York, N. Y. Vacuum cleaner. 2,174,444; Sept. 26.
Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, Dover Del. Vacuum cleaner. 2,176,139; Oct. 17.
Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, Dover, Del. Garment bag. 2,176,140; Oct. 17.
Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,182,343; Dec. 5.
Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, Dover, Del. Suction nozzle. 2,182,344; Dec. 5.
Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, Dover, Del. Handle. 2,182,565; Dec. 5.
Lofgren, Hokan A., Rockford, and V. Celmer, Niles, assignors to Universal Appliance Co., Chicago, Ill. Clothesline reel. 2,168,675; Aug. 8.
Lofstrand, Albin P., Chicago, Ill. Grain shocker. 2,160,335; May 30.
Loft, John E., Worcester, Mass. Method of and apparatus for surfacing pavements. 2,152,264; Mar. 28.
Loftfield, Sigurd, Euclid, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Joining tubular parts. 2,158,075; May 16.
Loftin, Edward H., trustee. (See White, Sidney Y., assignor.)
Loftin, Grady A. and L. K., assignors to The Lane Company, Inc., Altavista, Va. Lock. 2,161,519; June 6.
Loftin, Grady A. and L. K., assignors to The Lane Company, Inc., Altavista, Va. Lid lift. 2,175,534; Oct. 10.
Loftin, Laurence K. (See Loftin, Grady A. and L. K.)
Loftis, Homer J., assignor to Henrite Products Corporation, Ironton, Ohio. Elevator door guide. 2,142,519; Jan. 3.
Loftis, Homer J., assignor to Henrite Products Corporation, Ironton, Ohio. Vibration dampening mounting. 2,178,077; Oct. 31.
Loftus, Fred H., Mount Lebanon, Pa. Regenerator. 2,149,610; Mar. 7.
Loftus, John T., La Crosse, Wis. Method and apparatus for straightening rails. 2,180,157; Nov. 14.
Logan Co. Inc. (See Gotthardt, Henry R., assignor.)
Logan Engineering Co. (See Logan, Henry H., assignor.)
Logan, Frank A. (See Hale, F. B., and Logan.)
Logan, Frank G., Pelham, N. Y., assignor to Ward Leonard Electric Company. Electric controlling apparatus. 2,161,179; June 6.
Logan Gear Company, The. (See Johnson, Alvin L., assignor.)
Logan Gear Company, The. (See McCarthy, C. S., and Warner, assignors.)
Logan Gear Company, The. (See McCarthy, Charles S., assignor.)
Logan Gear Company, The. (See Snell, Samuel A., assignor.)
Logan, George L., assignor to Tompkins Bros. Co., Syracuse, N. Y. Method of and apparatus for making knitted fabrics. 2,176,533; Oct. 17.
Logan, Harriette B., et al. (See Grison, Joseph, assignor.)
Logan, Henry H., Chicago, Ill. Hoist controller. 2,146,124; Feb. 7.
Logan, Henry H., Chicago, Ill. Controller. 2,182,088; Dec. 5.
Logan, Henry H., assignor to Logan Engineering Co., Chicago, Ill. Diaphragm pump. 2,146,123; Feb. 7.
Logan, J., Joseph, et al. (See Grison, Joseph, assignor.)
Logan, James T., Atlanta, Ga. Power system protection. 2,177,900; Oct. 31.
Logan, James T., O. Richardson, and R. J. Cooper, Atlanta, and J. U. Benziger, Smyrna, Ga., assignors of one-third to Southern States Equipment Co., Birmingham, Ala. Electrical control. 2,151,127; Mar. 21.
Logan, John O., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Production of chlorine dioxide. 2,163,793; June 27.
Logan, John W., Jr., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Acceleration and deceleration control. 2,151,824; Mar. 28.
Logan, John W., Jr., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Acceleration and deceleration control equipment. 2,151,925; Mar. 28.
Logan, John W., Jr., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control means for bus switches. 2,151,926; Mar. 28.
Logan, John W., Jr., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Control system for train circuits. 2,163,400; June 20.
Logan, John W., Jr., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Traction increasing device. 2,173,944; Sept. 26.
Logan, John W., Jr., Forest Hills, assignor to The Union Switch & Signal Company, Swissvale, Pa. Annunciating apparatus. 2,178,284; Oct. 31.
Logan, Joseph A., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Signal device for storage tanks. 2,154,005; Apr. 11.
Logan, Joseph A., Springfield, and W. H. De Lancey, Springfield, assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Liquid dispensing apparatus. 2,160,386; May 30.
Logan, Joseph A., and W. H. De Lancey, Springfield, assignors to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Liquid dispensing apparatus. 2,171,707; Sept. 5.
Logan, Leland, Plattsburg, N. Y. Light-transmitting building construction. 2,154,686; Apr. 18.
Logan, Leonard A., Flushing, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Apparatus for recovering fluids by adsorption. 2,174,666; Oct. 3.
Logan, Leonard A., Flushing, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Adsorber apparatus. 2,180,712; Nov. 21.
Logan-Long Company, The. (See Logan, Paul, assignor.)
Logan, Mason A., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Method and apparatus for measuring nonlinear impedances. 2,162,894; June 20.
Logan, Otis A., Kansas City, Mo. Fifth wheel assembly. 2,166,308; July 18.
Logan, Paul, assignor to The Logan-Long Company, Chicago, Ill. Roofing. 2,165,866; July 11.
Logan, Paul P., U. S. Army. Concentrated emergency ration. 2,176,086; Oct. 17.
Logan, Thomas A., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Traffic signaling system. 2,152,070; Mar. 28.
Logansport Machine, Inc. (See Cotner, John C., assignor.)
Logemann, Willy. (See Butenandt, A., and Logemann.)
Logemann, Willy. (See Schoeller, W., Serini, and Logeman.)
Logemann, Willy. (See Serini, A., Strassberger, and Logemann.)
Loggins, Reuben L., Blytheville, Ark. Double beading and forming machine. 2,165,282; July 11.
Lo Giudice, Don C., Ansonia, Conn. Propulsion means. 2,156,898; May 2.
Logman, Harry C. (See Roach, J. E., and Lohman.)
Logsdon, Lewis B., New York, N. Y. Announcing system for ships. 2,172,066; Sept. 5.
Logue, Leland H. (See Wallace, H. V., and Logue.)
Logue, Leland H., Denver, Colo., assignor, by mesne assignments, to Mining Process and Patent Company. Transmission drive. 2,162,624; June 13.
Lohausen, Karl A., Berlin-Oberschoneweide, Germany, assignor to General Electric Company. Electric protective device. 2,156,058; Apr. 25.
Lohausen, Karl A., Berlin-Oberschoneweide, Germany, assignor to General Electric Company. Fuse. 2,157,907; May 9.
Lohausen, Karl A., Oberschoneweide, Germany, assignor to General Electric Company. Electric fuse. 2,157,906; May 9.
Lohman, Harry C. (See Roach, J. E., and Lohman.)
Lohmann, Karl, Berlin-Treptow, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Device for cutting endless bands of artificial fibers. 2,142,475; Jan. 3.
Lohn, Peter, New York, N. Y. Liquid dispensing apparatus. 2,180,989; Nov. 21.
Lohner, Carl L. (See Hartanov, A. S., and Lohner.)
Lohner, Carl L., assignor to Industrial Patents Corporation, Chicago, Ill. Carcass tongue protector. 2,155,725; Apr. 25.
Lohner, Carl L., and H. H. McKee, assignors to Industrial Patents Corporation, Chicago, Ill. Tongue protector. 2,168,712; Aug. 8.
Lohr, Raymond, Erie, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Toy weapon. 2,157,181; May 9.
Lohr, Raymond, Erie, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. String-controlled wheeled toy. 2,167,246; July 25.
Lohr, Raymond, and R. N. Carver, Erie, Pa., assignors to Louis Marx & Company, Inc., New York, N. Y. Reversing toy vehicle. 2,146,021; Feb. 7.
Lohr, Raymond, and R. N. Carver, Erie, Pa., assignors to Louis Marx & Company, Inc., New York, N. Y. Wheeled toy steered by remote control. 2,167,245; July 25.
Lohr, Raymond J., Erie Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Multiple vehicle toy 2,159,974; May 30.
Lohr, Raymond J., Erie, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Vehicle and figure toy. 2,175,845; Oct. 10.
Lohrey, Friedrich, Nuremberg, Germany. Device for printing designs on walls, surfaces, or the like. 2,165,867; July 11.
Lohse, Frederick W., Attleboro, Mass. Leakproof atomizer. 2,149,611; Mar. 7.

Lohsse, Wilhelm, Gladbach-Rheydt, assignor to Schorch Werke A. G., Rheydt-Rhineland, Germany. Mechanism for stopping electrically driven looms. 2,148,700; Feb. 28.
Loibl, Robert B., Jr., Los Angeles, Calif. Insecticide dispenser. 2,180,199; Nov. 14.
Loigman, Victor. (See Lentine, J. H., and Loigman.)
Loiseau, Henri, and G. Cartigny, Ertvelde-Rieme, Belgium, assignors to Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du Nord Reunies, Etablissements Kuhlmann, Paris, France. Manufacture of superphosphates. 2,148,209; Feb. 21.
Loleit, Hans. (See Schneider, W., and Loleit.)
Lomax, Frank B., Chicago, Ill. Filtering eggs. Re. 21,122; June 20.
Lombard, Charles F., Alhambra, Calif. Inhaler. 2,178,800; Nov. 7.
Lombard, Herman G., Washington, D. C., assignor to A. H. Tinnerman, Cleveland, Ohio. Fastening means. 2,143,603; Jan. 10.
Lombard, Herman G., Washington, D. C., assignor to A. H. Tinnerman, Cleveland, Ohio. Double-ended fastening means. 2,143,604; Jan. 10.
Lombard, Herman G., Washington, D. C., assignor to A. H. Tinnerman, Cleveland, Ohio. Fastening means. 2,143,605; Jan. 10.
Lombard, Herman G., Washington, D. C., assignor to A. H. Tinnerman, Cleveland, Ohio. Clip for mounting cables and like objects. 2,166,916; July 18.
Lombard, Herman G., Washington, D. C., assignor to A. H. Tinnerman, Cleveland, Ohio. Fastening means for cables or the like. 2,176,405; Oct. 17.
Lombard, Robert H. (See Milligan, L. H., and Lombard.)
Lombardi, Leo. (See Spicer, C. H., and Lombardi.)
Lombardini, Luigi, Turin, Italy. Drawer of a vertical type for indexing and classifying. 2,169,562; Aug. 15.
Lombardo, Joseph, assignor of one-half to S. Roth, Chicago, Ill. Lock construction. 2,170,205; Aug. 22.
Lomo Gum Massager Co. (See Love, E. O., and Molitor, assignors.)
Lompe, Arved. (See Alterthum, H., and Lompe.)
Lompe, Arved. (See Alterthum, H., Lompe, and Wiegand.)
Londke, Fred F., Ubly, Mich. Tie lock. 2,169,653; Aug. 15.
London, Bernard, New York, N. Y. Building construction. 2,164,137; June 27.
London, Bernard, New York, N. Y. Building construction. 2,164,138; June 27.
London, Harry, New York, N. Y. Slidable fastener. 2,154,687; Apr. 18.
London, Meyer, Fort Wayne, Ind. Garment. 2,181,517; Nov. 28.
London, Samuel M. (See Brownstein, Harry, assignor.)
Lonergan, Evelyn D., administratrix. (See Lonergan, James F.)
Lonergan, James F., deceased; E. D. Lonergan, administratrix, assignor to P. & P. Car Line, Inc., Buffalo, N. Y. Car door. 2,143,226; Jan. 10.
Lonergan, Oscar J., Fairbanks, Alaska. Centrifugal concentrator. 2,147,102; Feb. 14.
Lone Star Gas Company, et al. (See Hutchinson, Arthur J. L., assignor.)
Loney, Harley C., Company. (See Hatch, Paul F., assignor.)
Loney, Hugh W., assignor to C. G. Conn Ltd., Elkhart, Ind. Woodwind instrument. 2,180,118; Nov. 14.
Long, Albert R., Elmhurst, N. Y. Aircraft. 2,164,414; July 4.
Long, Archie O., Kansas City, Mo. Garment pressing machine. 2,147,596; Feb. 14.
Long, Archie O., Kansas City, Mo. Ironing machine. 2,147,597; Feb. 14.
Long, Archie O., Kansas City, Mo. Tag or marker for identifying an individual customer's laundry or the like. 2,173,174; Sept. 19.
Long, Ben T., assignor of one-half to B. A. Smith, Kings Mountain, N. C. Self-grinding flushing valve assembly. 2,164,996; July 4.
Long, Bernard, assignor to Societe Anonyme des Manufactures des Glaces & Products Chimques de Saint-Gobain, Chauny & Cirey, Paris, France. Multicellular glass and its manufacture. 2,156,457; May 2.
Long, Bernard, Paris, France, assignor to The American Securit Company. Tempered glass article and manufacturing the same. 2,177,324; Oct. 24.
Long, Charles A., Oakmont, assignor to Blaw-Knox Company, Pittsburgh, Pa. Liquid measuring device. 2,147,048; Feb. 14.
Long, Eli M., assignor to Shuron Optical Company, Inc., Geneva, N. Y. Lens grinding and polishing machine. 2,159,620; May 23.
Long, Eli M., assignor to Shuron Optical Company, Inc., Geneva, N. Y. Lens edging machine. 2,175,719; Oct. 10.
Long, Elmer C., Grosse Pointe Park, Mich. Piston for internal combustion motors. 2,147,819; Feb. 21.
Long, Enno L., Oklahoma City, Okla. Mold. 2,184,959; Dec. 26.
Long, Frank V., Los Angeles, Calif. Swing joint. 2,150,583; Mar. 14.
Long, Frank V., Los Angeles, Calif. Float. 2,154,760; Apr. 18.
Long, Fred M. (See Long, Fred R., and F. M.)
Long, Fred R. and F. M., Catawissa, Pa. Valved pipe union. 2,170,478; Aug. 22.
Long, George, assignor to Franklin Steel Works, Joliet, Ill. Bag handling mechanism. 2,181,603; Nov. 28.
Long, George A. and W. W., Hartford, Conn., assignors, by mesne assignments, to The Gray Manufacturing Company. Telephone pay station. 2,157,617; May 9.
Long, Herbert J., assignor to American Bosch Corporation, Springfield, Mass. Control valve for gas-fired fluid heaters. 2,154,518; Apr. 18.
Long, Herbert J., Springfield, Mass., assignor to American Bosch Corporation. Temperature control for water heaters. 2,156,458; May 2.
Long, Herbert J., Springfield, and H. Albrecht, West Springfield, assignors to American Bosch Corporation, Springfield, Mass. Gas burner. 2,143,487; Jan. 10.
Long, Herbert J., and E. E. Vincent, assignors to American Bosch Corporation, Springfield, Mass. Control system for liquid heaters. 2,177,731; Oct. 31.
Long, James, Dunedin, Otago, New Zealand. Safety razor. 2,159,560; May 23.
Long, John E., Springtown, Ark. Excavating apparatus. 2,144,246; Jan. 17.
Long, John E., Edgewater, assignor of one-third to W. H. Robinson, Sr., and one-third to P. E. Haskin, Arvada, Colo. Air conditioner. 2,158,294; May 16.
Long, John R. (See Brittain, William W., assignor.)
Long, John R., assignor of forty-nine-hundredths to J. T. Reinsel, Washington, Ind. Phonograph. 2,167,459; July 25.
Long, Jon R., Fort Worth, Tex., assignor of one-half to L. L. Foley, Tulsa, Okla. Flowing wells. 2,161,966; June 13.
Long, Joseph A., Berkeley, Calif. Folding stereoscope. 2,145,423; Jan. 31.
Long, Kenneth E., South Euclid, assignor to The Harshaw Chemical Company, Cleveland, Ohio. Basic lead naphthenate. 2,157,766; May 9.
Long, Kenneth E., South Euclid, assignor to The Harshaw Chemical Company, Elyria, Ohio. Basic metal salts and making. 2,157,767; May 9.
Long, Kenneth E., South Euclid, assignor to The Harshaw Chemical Company, Elyria, Ohio. Production of metallic driers. 2,157,768; May 9.
Long, Louis W., Lorain, Ohio, assignor to National Tube Company. Pipe or tube mill. 2,145,184; Jan. 24.
Long, Spencer W., Redondo Beach, Calif., assignor, by mesne assignments, to The National Supply Company, Pittsburgh, Pa. Spring hook. 2,158,372; May 16.
Long, Spencer W., Inglewood, Calif., assignor, by mesne assignments, to The National Supply Company, Pittsburgh, Pa. Spring hook. 2,158,373; May 16.
Long, Spencer W., Inglewood, assignor to Baash-Ross Tool Company, Los Angeles, Calif. Bushing. 2,169,264; Aug. 15.
Long, Walter H. (See Duane, H. B., and Long.)
Long, Wilbur L., Kirksville, Mo. Bottle covering and sealing machine. 2,153,579; Apr. 11.
Long, William W. (See Long, G. A. and W. W.)
Lon-Ga-Tone, Inc. (See Herzig, Leonard A., assignor.)
Longdin, Harry W., and J. C. Stanley, Atlanta, assignors to S. A. Love, Decatur, Ga. Spraying and atomizing device. 2,143,817; Jan. 10.
Longenecker, Levi S., Pittsburgh, Pa. Suspended soaking pit cover. 2,178,668; Nov. 7.
Longenecker, Levi S., Pittsburgh, Pa. Apparatus for introducing fuel into an open hearth furnace. 2,182,497; Dec. 5.
Longenecker, Levi S., Mount Lebanon, Pa. Introducing fuel into an open hearth furnace. 2,182,498; Dec. 5.
Longenecker, Willis E., Canton, Ohio. Display block. 2,175,942; Oct. 10.
Longfellow, Earl E., assignor to H. H. Leiter, Warsaw, Ind. Bone surgery appliance. 2,143,922; Jan. 17.
Longfellow, Earl E., assignor to H. H. Leiter, Warsaw, Ind. Surgical reducing frame. 2,155,866; Apr. 25.
Longfellow, Melvin E. (See McNeil, C. I., and Longfellow.)
Longfield-Smith, Longfield, Babson Park, assignor to Mrs. B. C. Skinner, Dunedin, Fla. Coloring fruit. 2,179,762; Nov. 14.
Longley, Earle E., New Orleans, La. Automatic governor for internal combustion engines used for driving electric arc welding generators. 2,172,026; Sept. 5.
Longley, Lester A., Monterey Park, Calif. Connecting rod and piston assembly. 2,178,484; Oct. 31.
Longmaid, Sydney E., Villa Nova, Pa., assignor to The Esterbrook Steel Pen Manufacturing Co., Camden, N. J. Blank for and method of manufacturing steel pens. 2,156,302; May 2.
Longoria, Antonio, Lakewood, Ohio, assignor to Niagara Wire Weaving Company, Ltd., Niagara Falls, Ontario, Canada. Method and apparatus for welding. 2,157,769; May 9.
Longshore, James H., D. E. Smalley, and E. L. Petty, Brazil, Ind., assignors, by mesne assignments, to Reconstruction Finance Corporation, Chicago, Ill. Vacuum scrubber. 2,149,453; Mar. 7.
Longstreet, James R. (See Lange, M. E., and Longstreet.)
Longstreet, Walter H., assignor to Acme Air Appliance Company, Inc., Brooklyn, N. Y. Filler bibb. 2,144,427; Jan. 17.
Longtin, Arthur J., Seattle, Wash. Sawdust-burning furnace. 2,165,802; July 11.

Longtin, Raymond A., Bennington, Vt. Stabilizer for ladders. 2,152,895; Apr. 4.
Longtin, William J., and W. A. Saussaman, assignors to Infants Socks, Inc., Reading, Pa. Hosiery. 2,153,423; Apr. 4.
Longwell, Floyd L., Phoenix, Ariz., and R. E. Nebelung, Oakland, Calif. Windshield washer and wiper. 2,173,021; Sept. 12.
Longwell, Robert R. (See Taliaferro, W. R., and Longwell.)
Longyear, E. J., Company. (See Anderson, Olof B., assignor.)
Longyear, E. J., Company. (See Auld, D. W., and (Anderson, assignor).)
Lonza Elektrizitatswerke und Chemische Fabrieken Aktiengesellschaft (Gampel). (See Brack, Oskar, assignor.)
Loomis, Albert G. (See Bent, F. A., Loomis, and Lawton.)
Loomis, Albert G., Mount Lebanon Township, Allegheny County, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Well treatment method. 2,143,990; Jan. 17.
Loomis, Albert G., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Shutting off water in oil wells. 2,143,991; Jan. 17.
Loomis, Albert G., and H. T. Byck, Berkeley, and J. F. Fidiam, Jr., assignors to Shell Development Company, San Francisco, Calif. Treating wells. 2,177,345; Oct. 24.
Loomis, Allen, assignor to C. G. Conn, Ltd., Elkhart, Ind. Musical instrument. 2,146,967; Feb. 14.
Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc. Gun sight. 2,155,199; Apr. 18.
Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc. Firearm. 2,159,485; May 23.
Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc. Gun sight. 2,161,303; June 6.
Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc. Gun sight. 2,176,743; Oct. 17.
Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc. Gun sight. 2,176,744; Oct. 17.
Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc. Gun sight. 2,178,262; Oct. 31.
Loomis, Crawford C., Ilion, N. Y., assignor to Remington Arms Company, Inc. Trap release. 2,184,389; Dec. 26.
Loomis, Ernest L., Haverhill, Mass. Scaffolding suspension. 2,170,689; Aug. 22.
Loomis, Fred J., Rochester, N. Y., and E. W. Reynolds, Westfield, N. J., assignors to Radio Corporation of America. Sound head. 2,164,748; July 4.
Loomis, Fred J., Rochester, N. Y., and E. W. Reynolds, Westfield; N. J., assignors to Radio Corporation of America. Pad roller. 2,178,209; Oct. 31.
Loomis, Leroy H., Cleveland Heights, Ohio. Separable electrical connector. 2,162,265; June 13.
Loomis, Oliver H. (See Barnes, C. H., and Loomis.)
Looney, William E., Detroit, Mich. Airplane. 2,151,128; Mar. 21.
Looper, Omer J., Poteau, Okla. Hair clipper. 2,174,130; Sept. 26.
Loos, Frank W., and N. A. Knight, Sandusky, Ohio. Road building machine. 2,176,534; Oct. 17.
Loose, Kenneth D., Bronxville, assignor to Loose-Wiles Biscuit Company, Long Island City, N. Y. Dough sheet manufacture. 2,145,550; Jan. 31.
Loose-Wiles Biscuit Company. (See Loose, Kenneth D., assignor.)
Lopez, Guillermo C., New York, N. Y. Drafting apparatus. 2,184,718; Dec. 26.
López, Leandro G., Habana, Cuba. Metal safety bar for doors. 2,163,206; June 20.
Lopez, Nicolás A., Chicago, Ill. Portable power driven tool. 2,160,274; May 30.
López, Nicolás A., Chicago, Ill. Drill and work holder. 2,183,295; Dec. 12.
López, Salvador H., Mexico, D. F., Mexico. Atomizing burner for crude pretoleum. 2,161,785; June 13.
Löpp, Edmund H. (See Jonker, J. L. H., Löpp, and van Overbeek.)
Löpp, Edmund H. (See van Overbeek, A. J. W. M., and Löpp.)
Lopp, Edmund H. (See Veenemans, C. F., Lopp, and Bruining.)
Löpp, Edmund H. (See Jonker, J. L. H., Löpp, van Overbeek, and Filippo.)
Löpp, Edmund H., Berlin, Germany, and A. J. W. M. van Overbeek, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Secondary electron discharge tube. 2,151,783; Mar. 28.
Loppacker, Albert. (See Loppacker, Everett P., assignor.)
Loppacker, Everett P., Verona, assignor to A. Loppacker, Bloomfield, N. J. Vacuum tube electrode. 2,145,400; Jan. 31.
Lorain Telephone Company, The. (See Boswau, Hans P., assignor.)
Lorain Telephone Company, The. (See Heisner, Donald A., assignor.)
Lorant, Hermann, Vienna, Austria. Case for the reception of elongated articles. 2,180,713; Nov. 21.
Lorber, Charles, et al. (See Lorber, Charles, assignor.)
Lorber, Charles, assignor, by mesne assignments, to C. Lorber and W. R. Offutt, Louisville, Ky. Finger fitting holder. 2,173,451; Sept. 19.
Lorch, Edward A. (See Cooper, Sutton, assignor.)
Lord, Charles S., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Vehicle body transportation mounting apparatus and method. 2,151,431; Mar. 21.
Lord, Edward L., Glenside, assignor to The Electric Storage Battery Company, Philadelphia, Pa. Holddown for storage batteries. 2,181,304; Nov. 28.
Lord, Geoffrey, and G. Reeves, Spondon, nera Derby, England, assignors to Celanese Corporation of America. Manufacture of amino compounds of the anthraquinone series. 2,183,652; Dec. 19.
Lord, George R. (See Miller, A. E., and Lord.)
Lord, Harold W. (See Shoults, D. R., and Lord.)
Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Electric control system. 2,158,878; May 16.
Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuit. 2,166,309; July 18.
Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuit. 2,166,310; July 18.
Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Electric discharge apparatus. 2,170,456; Aug. 22.
Lord, Harold W., Schenectady, N. Y., assignor to General Electric Company. Electric discharge apparatus. 2,170,457; Aug. 22.
Lord, Howard F., assignor to J. W. Wood Elastic Web Co., Stoughton, Mass. Reversible woven elastic fabric. 2,170,563; Aug. 22.
Lord, Hugh C. and T., Erie, Pa.; said T. Lord assignor to said H. C. Lord. Forming joints and joint strips adapted to form joints. 2,150,282; Mar. 14.
Lord, John D., Hollis, assignor, by mesne assignments, to Anchor Cap & Closure Corporation, Long Island City, N. Y. Counting device. 2,148,992; Feb. 28.
Lord, Sam. (See Hindle, T., and Lord.)
Lord & Taylor. (See Martin, Catherine H., assignor.)
Lord, Thomas. (See Lord, Hugh C. and T.)
Lorenian, Libarid, assignor of one-half to Z. Lorenian, Bucharest, Rumania. Medicament introducer. 2,178,840; Nov. 7.
Lorenian, Zareh. (See Lorenian, Libarid, assignor.)
Lorentzen, Hans K. (See Nelson, Harry H., assignor.)
Lorentzen, Hans K., Montclair, N. J. Venetian blind. 2,154,909; Apr. 18.
Lorentzen, Hans K., Montclair, N. J. Head-bar organization for Venetian blinds. 2,158,826; May 16.
Lorentzen, Hans K., Montclair, N. J. Venetian blind actuating mechanism. 2,165,492; July 11.
Lorentzen, Hans K., Montclair, N. J. Head-bar bracket for Venetian blinds. 2,168,417; Aug. 8.
Lorentzen, Hans K., Montclair, N. J., assignor to Lorentzen Hardware Manufacturing Corp., New York, N. Y. Mounting for Venetian blinds. Re. 21,174; Aug. 8.
Lorentzen Hardware Manufacturing Corp. (See Lorentzen, Hans K., assignor.)
Lorenz, Anton, Berlin-Schoneberg, and H. Luckhardt, Berlin-Dahlem, Germany. Adjustable reclining chair. 2,173,283; Sept. 19.
Lorenz, August, Bexley, Ohio. Device for introducing manifolding sheets into a typing machine. 2,174,753; Oct. 3.
Lorenz, C., Aktiengesellschaft. (See Arendt, P., and Hahnemann, assignors.)
Lorenz, C., Aktiengesellschaft. (See Baier, Otto, assignor.)
Lorenz, C., Aktiengesellschaft. (See Baier, O., and Katsch, assignors.)
Lorenz, C., Aktiengesellschaft. (See Bauer, Erwin, assignor.)
Lorenz, C., Aktiengesellschaft. (See Begun, Semi, assignor.)
Lorenz, C., Aktiengesellschaft. (See Brinkmann, Friedrich, assignor.)
Lorenz, C., Aktiengesellschaft. (See Christ, Karl, assignor.)
Lorenz, C., Aktiengesellschaft. (See Deserno, P., and Messner, assignors.)
Lorenz, C., Aktiengesellschaft. (See Gaebel, A., and Katsch, assignors.)
Lorenz, C., Aktiengesellschaft. (See Gerth, F., and Schulze-Herringen, assignors.)
Lorenz, C., Aktiengesellschaft. (See Gossel, Erich, assignor.)
Lorenz, C., Aktiengesellschaft. (See Haase, Theodor, assignor.)
Lorenz, C., Aktiengesellschaft. (See Habann, E., and Gerth, assignors.)
Lorenz, C., Aktiengesellschaft. (See Habann, Erich, assignor.)
Lorenz, C., Aktiengesellschaft. (See Hahnemann, W. M., and Wiessner, assignors.)
Lorenz, C., Aktiengesellschaft. (See Hahnemann, Walter M., assignor.)
Lorenz, C., Aktiengesellschaft. (See Helmert, Robert, assignor.)
Lorenz, C., Aktiengesellschaft. (See Herzog, R., and Katsch, assignors.)
Lorenz, C., Aktiengesellschaft. (See Holsten, Karl G., assignor.)
Lorenz, C., Aktiengesellschaft. (See Hornung, Heinrich, assignor.)

Lorenz, C., Aktiengesellschaft. (See Jacobs, Hans, assignor.)
Lorenz, C., Aktiengesellschaft. (See Katsch, Annemarie, assignor.)
Lorenz, C., Aktiengesellschaft. (See König, Hermann, assignor.)
Lorenz, C., Aktiengesellschaft. (See Kramar, Ernst, assignor.)
Lorenz, C., Aktiengesellschaft. (See Kramar, E., and Heinecke, assignors.)
Lorenz, C., Aktiengesellschaft. (See Messner, Maximilian, assignor.)
Lorenz, C., Aktiengesellschaft. (See Milde, Rudolf, assignor.)
Lorenz, C., Aktiengesellschaft. (See Müller, Ernst, assignor.)
Lorenz, C., Aktiengesellschaft. (See Nitz, Herbert, assignor.)
Lorenz, C., Aktiengesellschaft. (See Pflügner, H., and Sohn, assignors.)
Lorenz, C., Aktiengesellschaft. (See Reiser, Ernst, assignor.)
Lorenz, C., Aktiengesellschaft. (See Rochow, Hans, assignor.)
Lorenz, C., Aktiengesellschaft. (See Rogowski, W., and Becker, assignors.)
Lorenz, C., Aktiengesellschaft. (See Scheppmann, Wilhelm, assignor.)
Lorenz, C., Aktiengesellschaft. (See Scheppmann, W., and Wisspeeinter, assignors.)
Lorenz, C., Aktiengesellschaft. (See Schulze-Herringen, Erich, assignor.)
Lorenz, C., Aktiengesellschaft. (See Uhlmann, Wolfram, assignor.)
Lorenz, C., Aktiengesellschaft. (See Wiessner, Alfred, assignor.)
Lorenz, C., Aktiengesellschaft. (See Wundt, R. M., and Cordsmeier, assignors.)
Lorenz, Carl, Chicago, Ill., and C. F. Kaunitz, Bay City, Mich. Welding apparatus. 2,152,596; Mar. 28.
Lorenz, Charles F., East Orange, N. J. Electrical device and operating the same. 2,148,482; Feb. 28.
Lorenz, Werner, Frankfort-on-the-Oder, and C. Steinhardt,, assignors to Junkers & Co. G. m. b. H., Dessau, Germany. Gas valve and controlling arrangement therefor. 2,158,787; May 16.
Lorenz, William, and L. W. Pollack, assignors, by mesne assignments, to Margon Corporation, Bayonne, N. J. Doll eye and lash. 2,161,876; June 13.
Lorenzen, Ben L., assignor of one-half to C. S. Frank, Los Angeles, Calif. Continuous operation centrifugal juice extractor. 2,180,877; Nov. 21.
Lorig, Clarence H. (See Krause, D. E., and Lorig.)
Lorinovich, Alec, Springfield, Vt. Ski protector. 2,180,686; Nov. 21.
Loris, Tom A., assignor of one-half to A. G. Sampanes, Sacramento, Calif. Paper imprinter. 2,181,435; Nov. 28.
Lory, George, Los Angeles, Calif. Mechanical stage. 2,148,908; Feb. 28.
Los, Cornelis B. (See Lems, H., and Los.)
Los Angeles By-Products Co. (See Near, L. B., and Gillette, assignors.)
Lösch, Josef, assignor to Aktiengesellschaft für Stickstoffduenger, Knapsack, near Cologne-on-the-Rhine, Germany. Distilling organic acid anhydride. 2,166,997; July 25.
Lösch, Josef, F. Walter, H. Behringer, and O. Schlöttig, assignors to Aktiengesellschaft für Stickstoffdünger, Knapsack, near Cologne-on-the-Rhine, Germany. Process of preparing aliphatic acid anhydrides. 2,177,494; Oct. 24.
Losee, Joseph S., assignor to Losee Products Company, Hebron, Ill. Electric water heater. 2,146,022; Feb. 7
Losee Products Company. (See Losee, Joseph S., assignor.)
Losure, Lisander, assignor of one-third to M. F. Smith and one-third to R. A. Bruce, Marion, Ind. Oil and gas separator. 2,169,156; Aug. 8.
Loth, Gaylord, assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Mailing package. 2,144,071; Jan. 17.
Lothrop, Carlton L., assignor to The Foxboro Company, Foxboro, Mass. Control mechanism. 2,175,085; Oct. 3.
Lott, William A., East Orange, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Preparation of divinyl ether. 2,146,752; Feb. 14.
Lott, William A., East Orange, N. J., assignor to E. R. Squibb & Sons, New York, N. Y. Acrylates. 2,158,239; May 16.
Lotter, Adolph G., assignor to Stationers Loose Leaf Company, Milwaukee, Wis. Loose leaf binder. 2,180,833; No. 21.
Lotter, William. (See Moecker, H., Jr., Lotter, Scholander, and Brumbaugh.)
Lottridge, Fred L., Peru, Ind. Switch equipped male electric plug. 2,153,721; Apr. 11.
Lotz, Albert, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Selenium rectifier. 2,162,487; June 13.
Lotz, R. W., et al., trustees. (See Cowles, Irving, assignor.)
Lotz, Rudolph W., Chicago, Ill., assignor to Gibson Patents Holding Corporation. Knock-down closure structure for windows and doors. 2,159,666; May 23.
Lotz, Rudolph W., assignor of five-tenths to H. H. Panama and one-tenth to E. Frieder, Chicago, Ill., and four-tenths to S. Ungerleider, New York, N. Y. Card or Centrifugal rectification. 2,182,566; Dec. 5.
Loud, Stanley D. (See Farmer, F. T., and Loud.)
Loudenbeck, Harry C., Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Safety plug. 2,163,401; June 20.
Loufbahn, Jennie, assignor of ten-hundredths to J. T. Basseches, New York, N. Y. Shoe construction. 2,153,968; Apr. 11.
Lougee, Frederick G., New Malden, England, and A. J. Horton, White Plains, assignors to R. Hoe & Co., Inc., New York, N. Y. Inking mechanism for printing machines. 2,183,720; Dec. 19.
Loughary, Ralph R. (See Surges, A. P., and Loughary.)
Lougheed, Victor, Lucketts, Va. Air propeller blade. 2,175,204; Oct. 10.
Lougheed, Victor, Lucketts, Va., assignor to Cooper & Cooper, Inc., Brooklyn, N. Y. Hair clipper. 2,178,669; Nov. 7.
Lougheed, Victor, Lucketts, Va. Air propeller blade. 2,182,812; Dec. 12.
Loughlin, Edward F., Providence, R. I. Floating tap, reamer, and drill holder. 2,151,388; Mar. 21.
Loughlin, William D., Mountain Lakes, N. J., assignor, by mesne assignments, to Ferrocart Corporation of America, New York, N. Y. High frequency inductance coil. 2,158,613; May 16.
Loughmille, William N., assignor of one-half to C. R. Jackson, Mitchell, Oreg. Trailer tongue supporting jack. 2,153,722; Apr. 11.
Loughner, Frank E., Greensburg, Pa., and F. H. Morehead, Riverside, Conn., assignors to Walworth Patents Inc., Boston, Mass. Locking device. 2,161,625; June 6.
Loughren, Arthur V., Tuckahoe, N. Y., assignor to Hazeltine Corporation. Fidelity control. 2,167,405; July 25.
Loughrey, Carl T., Los Angeles, Calif. Means and method for removing volatiles from solids. 2,177,665; Oct. 31.
Loughridge, Matthew H. (See Everett, Edward A., assignor.)
Loughridge, Matthew H., Bogota, N. J. Automatic railway switching system. 2,151,709; Mar. 28.
Loughridge, Matthew H., Bogota, N. J. Block system. 2,164,331; July 4.
Loughridge, Matthew H., Bogota, N. J. Liquid control system. 2,171,579; Sept. 5.
Louis, Terrence G., assignor to Wico Electric Company, West Springfield, Mass. Magneto. 2,150,688; Mar. 14.
Louisiana Oil Refining Corporation. (See Crittenden, Butler P., assignor.)
Louisville Drying Machinery Co. (See Lissauer, Adolph W., assignor.)
Louisville Tin and Stove Company. (See Swearingen, George H., Sr., assignor.)
Louisville Tin and Stove Company. (See Swearingen, George H., assignor.)
Loumiet y Lavigne, Juan, Playa de la Teja, Itabo, Cuba. Centrifugal rectification. 2,182,566; Dec. 5.
Lounsbury, Harold I., Wilmington, assignor to Shell Development Company, San Francisco, Calif. Desulphurizing alkyl phenols. 2,150,656; Mar. 14.
Lounsbury, Harvey J., Glen Ellyn, assignor to W. H. Miner, Inc., Chicago, Ill. Draft and buffer gear. 2,146,023; Feb. 7.
Loux, Raymond A., Nashwauk, Minn. Highway signal. 2,168,484; Aug. 8.
Lovaglio, Giovanni, Paris, France. Last for the manufacture of boots or the like. 2,151,606; Mar. 21.
Love, Dean, assignor to Chiksan Oil Tool Company, Ltd., Fullerton, Calif. Well reamer. 2,174,587; Oct. 3.
Love, Edna O., and E. J. Molitor, assignors to Lomo Gum Massager Co., Portland, Oreg. Tooth and gum massager and exerciser. 2,148,483; Feb. 28.
Love, Edna O., and E. J. Molitor, assignors to Lomo Gum Massager Company, Portland, Oreg. Gum massager. 2,176,309; Oct. 17.
Love, Eugene S., Newnan, Ga. Screw driver. 2,174,327; Sept. 26.
Love, James E. (See Hume, H. D., and Love.)
Love, James R., Houston, Tex. Golf bag support. 2,151,784; Mar. 28.
Love, S. A. (See Longdin, H. W., and Stanley, assignors.)
Lovegran, Hokan A., Rockford, Ill. Clothesline reel. 2,181,141; Nov. 28.
Lovejoy, Frank E., Seattle, Wash. Flexible strand drawing. 2,148,632; Feb. 28.
Lovelace, Charles D., San Antonio, Tex., assignor to C. Lovelace. Fish lure. 2,183,816; Dec. 19.
Lovelace, Claribel. (See Lovelace, Charles D., assignor.)
Loveland, Russ A. (See Tyler, W. E., Chamberlain, and Loveland.)
Loveless, Charles C., Jr. (See McNeese, C. H., and Loveless.)
Loveless, Cody, Stevenson, Wash. Clothes hanger. 2,145,120; June 24.
Lovell, Clarence A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,153,633 Apr. 11.
Lovell-Dressel Company. (See Menna, Antonio, assignor.)
Lovell-Dressel Company. (See Schmiedel, Gustave, assignor.)
Lovell, Edwin M., Topeka, Kans. Ring. 2,151,607; Mar. 21.

Lovell Manufacturing Company. (See Green, Leonard, assignor.)
Lovell Manufacturing Company. (See Voss, Walter K., assignor.)
Lovell, Robert F., assignor to The Kroger Grocery & Baking Company, Cincinnati, Ohio. Machine for severing plastic materials. 2,145,770; Jan. 31.
Lovely Lady, Inc. (See Decker, James L., assignor.)
Loverde, Anthony. (See Babcock, J. H., and Loverde.)
Lovett, Louis E., Cleveland Heights, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Reel. 2,167,662; Aug. 1.
Lovett, Louis E., Cleveland Heights, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Drying reel. 2,175,205; Oct. 10.
Lovett, Louis E., Cleveland Heights, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Transfer mechanism. 2,181,902; Dec. 5.
Lovett, Louis E., Cleveland Heights, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Thread guide mechanism. 2,184,390; Dec. 26.
Low, John J., Los Angeles, Calif., assignor to Kay-Brunner Steel Products Inc. Hydraulic system and fluid control device therefor. 2,185,015; Dec. 26.
Low, John M., Richmond, Va. Bag filling and weighing machine. 2,160,746; May 30.
Low, Marshall, Washington, D. C., assignor to Wingfoot Corporation, Wilmington, Del. Link mat. 2,144,588; Jan. 17.
Low, Theodore H., New Haven, Conn. Bottle opener. 2,155,947; Apr. 25.
Lowe, Alexander M., Musselburgh, Midlothian, Scotland. Dispensing cabinet for oils or other fluent materials. 2,162,625; June 13.
Lowe, Arthur R., Blackley, England, assignor to Imperial Chemical Industries Limited. Coloring matters. 2,155,054; Apr. 18.
Lowe, Carl H., assignor to Self-Locking Carton Co., Chicago, Ill. Carton. 2,166,762; July 18.
Lowe, Carl H., assignor to Self-Locking Carton Co., Chicago, Ill. Chain cell carton. 2,184,014; Dec. 19.
Lowe, Charles W., Rutherford, N. J., assignor to Electrical Research Products, Inc., New York, N. Y. Electroplating apparatus. 2,181,490; Nov. 28.
Lowe, Edmund W., assignor to The Edwal Laboratories, Inc., Chicago, Ill. Photographic developer. 2,164,280; June 27.
Lowe, George E., Indianapolis, Ind. Window shade and curtain support. 2,169,053; Aug. 8.
Lowe, Joe, Corporation. (See Bayer, Abraham H., assignor.)
Lowe, Joe, Corporation. (See Siemund, Herman, assignor.)
Lowe, Joe, Corporation. (See Taylor, William J., assignor.)
Lowe, Joe, Corporation. (See Thomas, Norman M., assignor.)
Lowe, Joe, Corporation. (See West, John W., assignor.)
Lowe, John H., Albany, Ga. Jail or the like. 2,156,859; May 2.
Lowe, Joseph H., Eastcote, Pinner, and W. King, deceased, Eastcote, Ruislip, by I. W. Girvan, executor, Denham Village, assignors to The Pipe-Joint Manufacturing Company Limited, London, England. Device for use in making pipe joints. 2,182,671; Dec. 5.
Lowe, Rudy. (See Corydon, J., and Lowe.)
Lowe, Russell E. (See Morgan, J. D., and Lowe.)
Lowe, Wilfrid, Hayfield, near Stockport, England. Moth-proofing process and mouthproofed material. 2,184,147; Dec. 19.
Lowe, William, Ansonia, Conn., assignor to Anaconda Wire and Cable Company, New York, N. Y. Hollow conductor. 2,184,391; Dec. 26.
Lowe, William, Ansonia, Conn., assignor to Anaconda Wire and Cable Company, New York, N. Y. Hollow conductor. 2,184,392; Dec. 26.
Lowe, William G. (See Daly, A. J., and Lowe.)
Lowe, William S., Nichols, Conn., assignor to General Electric Company. Driving mechanism for oscillating shafts. 2,143,705; Jan. 10.
Loweke, Aaron A., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure braking system. 2,161,304; June 6.
Loweke, Aaron A. (See Marshall, C. O., Jr., and Loweke.)
Loweke, Aaron A., assignor, by mesne assignments, to Bendix Home Appliances, Inc., Detroit, Mich. Washing and centrifuging textiles. 2,168,068; Aug. 1.
Loweke, Aaron A., Detroit, Mich., assignor, by mesne assignments, to Bendix Home Appliances, Inc., South Bend, Ind. Compound cylinder. 2,184,501; Dec. 26.
Loweke, Erwin F., assignor to Hydraulic Brake Company, Detroit, Mich. Hydraulic brake. 2,166,724; July 18.
Lowell Air Conditioning Corporation. (See Napier, Melvin J., assignor.)
Lowell Counter Co. (See Thurston, Charles A., assignor.)
Lowell, Percival D., Chevy Chase, Md., and F. W. Dunmore, Washington, D. C. Radio receiving apparatus. Re. 21,023; Mar. 7.
Lowenberg, Theodor. (See Seim, Karl F., assignor.)
Lowenfels, Albert, White Plains, N. Y. Butter slicer. 2,152,198; Mar. 28.
Lowenstein, Herman H., Chicago, Ill. Detachable supporting means. 2,159,357; May 23.
Lowenthal, Fred, Brooklyn, N. Y. Combined picture and calendar. 2,179,857; Nov. 14.
Lower, Donald E., Aspers, Pa. Basket liner. 2,154,985; Apr. 18.
Lower, Isaac A., assignor to Lower Manufacturing Corporation, Wichita, Kans. Combination paper sack dispenser and advertising device. 2,175,059; Oct. 3.
Lower, Lester R. (See Hugus, F. S., and Lower.)
Lower Manufacturing Corporation. (See Lower, Isaac A., assignor.)
Lower, Nathan M., Tuckahoe, N. Y. Automobile brake. 2,178,144; Oct. 31.
Lower, Nathan M., Erie, Pa., and C. J. Surdy, New York, N. Y., assignors to The Standard Stoker Company, Incorporated. Locomotive tender. 2,176,591; Oct. 17.
Loweth, Joseph, New York, assignor, by mesne assignments, to J. S. Fleming, Niagara Falls, N. Y. Continuous interleaved record assembly. 2,149,530; Mar. 7.
Lowey, Roy E., assignor to Container Corporation of America, Chicago, Ill. Carton. 2,153,333; Apr. 4.
Lowey, Roy E., Evanston, assignor to Container Corporation of America, Chicago, Ill. Basket. 2,153,334; Apr. 4.
Lowey, Roy E., Evanston, and E. C. Potter, assignors to Container Corporation of America, Chicago, Ill Display container. 2,179,075; Nov. 7.
Lowinger, Eugene, Long Island City, N. Y., assignor, by mesne assignments, to Duolite Letter Corporation. Illuminated sign. 2,155,904; Apr. 25.
Lowis, James, Brooklyn, N. Y. Turbine. 2,173,786; Sept. 19.
Lowkrantz, Gunne. (See Daly, G. F., and Lowkrantz.)
Lowkrantz, Gunnee. (See Bryce, J. W., Daly, and Lowkrantz.)
Lowndes, Edward R. (See Schneider, H. W., and Lowndes.)
Lowres, Bert J., East Orange, N. J. Lens strap structure. 2,175,355; Oct. 10.
Lowrey, Carolyn C. (See Chambless, James D., assignor.)
Lowrey, George A., Goose Creek, Tex. Completing wells. 2,147,537; Feb. 14.
Lowrey, Vernon, et al. (See French, James D., assignor.)
Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sash and store front construction. 2,143,737; Jan. 10.
Lowry, Clyde D., assignor to Libby-Owens-Ford Glass Company, Toledo, Ohio. Sash or store front construction. 2,163,845; June 27.
Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sash and store front constructions. 2,166,361; July 18.
Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Division and corner bar construction. 2,182,480; Dec. 5.
Lowry, Clyde D., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Mounting for blackboards and the like. 2,182,481; Dec. 5.
Lowry, Earl M., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic safelight. 2,172,249; Sept. 5.
Lowry, Edward N., Syracuse, assignor to Oswego Falls Corporation, Fulton, N. Y. Machine for applying elastic caps to containers. 2,178,429; Oct. 31.
Lowry, Homer H. (See Kasehagen, L., and Lowry.)
Lowry, Hubert Elza, Los Angeles, Calif. Dispensing container for tacks. 2,181,661; Nov. 28.
Lowry, James. (See McVicker, Jesse D., assignor.)
Lowry, Thomas K., assignor to Darling & Company, Chicago, Ill. Apparatus for and method of drying gelatinous substances. 2,142,568; Jan. 3.
Low Temperature Carbonisation Limited. (See Bristow, W. A., and Postlethwaite, assignors.)
Lowther, William P., Merced, Calif. Grass receiver. 2,148,825; Feb. 28.
Lowy, Alexander, and C. H. Campbell, Pittsburgh, Pa. Restoring inked documents. 2,182,672; Dec. 5.
Lowy, Ferenc, London, England. Dart. 2,182,296; Dec. 5.
Loy, James M., New York., assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Automatic reverse current switch. 2,179,794; Nov. 14.
Loy, Lee C., Tyler, Tex. Sign-removing implement. 2,148,701; Feb. 28.
Loy, Wong D., Washington, D. C. Optical device. 2,172,287; Sept. 5.
Lozier, Horace G., executor. (See Lozier, Lewis H.)
Lozier, Lewis H., deceased, River Forest, Ill.; H. G. Lozier, executor, assignor to W. La Belle, South Bend, Ind. Garment support. 2,154,464; Apr. 18.
Lozier, Matthew, Brooklyn, N. Y., and C. H. Frost, Newark, N. J., assignors to Cook Laboratories, Inc., New York, N. Y. Controllable transfer element for multiple ampules. 2,159,217; May 23.
Lozon, Carl F., Massillon, Ohio. Carbonating and dispensing receptacle for liquids. 2,143,519; Jan. 10.
Lubarsky, George H., assignor to Vitamol, Inc., New York, N. Y. Treating molasses and resulting product. 2,149,354; Mar. 7.
Lubberger, Fritz, Berlin-Gounewald, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Telephone system. 2,172,875; Sept. 12.
Lubbers, Lubbert E., assignor of one-half to A. A. Lienemann, Milwaukee, Wis. Auxiliary power drive. 2,178,841; Nov. 7.

Lubbock, Isaac, Hendon, London, assignor to Filter Tips Limited, London, England. Machine for making cigarettes. 2,165,144; July 4.
Lubcke, Charles M., assignor to Kirsten Lighting Corporation, Seattle, Wash. Time delay relay. 2,182,130; Dec. 5.
Lübeck, Carl H. O., Islingehill, Lidingo, Sweden. Electric alkaline accumulator. 2,167,809; Aug. 1.
Lübke, Alfred. (See Müller, R., and Lübke.)
Lubrication Corporation, The. (See Clark, Otto B., assignor.)
Lubrication Corporation, The. (See Creveling, John L., assignor.)
Lubrication Corporation, The. (See Dodge, A. Y., and Tear, assignors.)
Lubrication Corporation, The. (See Dodge, Adiel Y., assignor.)
Lubrication Corporation. (See Taylor, George O., assignor.)
Lubrication Corporation, The. (See Tear, Harry R., assignor.)
Lubri-Zol Corporation, The. (See Prutton, C. F., and Frey, assignors.)
Lubri-Zol Development Corporation, The. (See Henriksen, A., and Lincoln, assignors.)
Lubri-Zol Development Corporation, The. (See Lincoln, B. H., and Byrkit, assignors.)
Lubri-Zol Development Corporation, The. (See Lincoln, B. H., and Henricksen, assignors.)
Lubri-Zol Development Corporation. (See Lincoln, B. H., and Steiner, assignors.)
Lubri-Zol Development Corporation. (See Lincoln, B. H., Steiner, and Henriksen, assignors.)
Lubri-Zol Development Corporation, The. (See Prutton, Carl F., assignor.)
Lubri-Zol Development Corporation, The. (See Prutton, C. F., and Smith, assignors.)
Lubs, Herbert A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making azo dyes. 2,160,882; June 6.

Lubs, Herbert A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reducing vat dyestuffs. 2,164,930; July 4.
Lubs, Herbert A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphated alkoxy cyclohexanols and producing them. 2,174,131; Sept. 26.
Lubs, Herbert A., Wilmington, Del., and A. J. Johnson, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing symmetrical thioindigo dyes. 2,158,032; May 9.
Lubs, Herbert A., Wilmington, Del., and G. C. Strouse, East Aurora, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of sulphur colors. 2,165,493; July 11.

Lubs, Herbert A., and L. B. Arnold, Jr., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Softening agent. 2,183,721; Dec. 19.
Lubszynski, Hans G., Hillingdon, and G. S. P. Freeman, Chiswick, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electron discharge device. 2,149,849; Mar. 7.

Lubszynski, Hans G., Middlesex, and J. D. McGee, London, assignors to Electric & Musical Industries Limited, Middlesex, England. Electron discharge device. 2,150,980; Mar. 21.
Lubszynski, Hans G., Hillingdon, H. Miller, South Ealing, London, and J. E. I. Cairns, West Ealing, London, assignors to Electric and Musical Industries, Ltd., Hayes, Middlesex, England. Electron discharge device. 2,151,785; Mar. 28.

Lucas, Ernest C., and A. T. Pappas, Columbus, Ohio. Electric broiler. 2,156,860; May 2.
Lucas, John A., assignor to Prime Manufacturing Company, Milwaukee, Wis. Electric fence. 2,163,954; June 27.
Lucas, Joseph, Limited. (See Lucas, Oliver, assignor.)
Lucas, Joseph, Limited. (See Massey-Allen, Alfred, assignor.)
Lucas, Oliver, assignor to Joseph Lucas Limited, Birmingham, England. Vehicle direction indicator. 2,173,422; Sept. 19.

Lucas, Paul, Berlin-Friedenau, assignor to Ehrich & Graetz Aktien-Gesellschaft, Berlin, Germany. Device for feeding liquid fuel. 2,153,379; Apr. 4.
Lucas, Ralph, Albany, assignor of fifty per cent to C. L. Frisbie, Syracuse, and twenty per cent to H. Champagne, Albany, N. Y. Magnetizable fluid. 2,149,782; Mar. 7.

Luccous, John C., Houston, assignor to H. C. Otis, Dallas, Tex. Paraffin removing device. 2,184,393; Dec. 26.
Luce, Milton A., San Francisco, assignor of one-half to M. W. Dobrzensky, Oakland, Calif. Front end suspension. 2,167,763; Aug. 1.
Luce, Richard W., Westfield, N. J., assignor to Signal Service Corporation. Making lenses. 2,157,209; May 9.
Luce, Vern R., Los Angeles, Calif. Wrapper tube forming machine. 2,161,479; June 6.
Luce, Willis F., San Francisco, and C. C. Kennedy, Palo Alto, Calif., assignors to Owens-Illinois Pacific Coast Company. Shipping container. 2,171,309; Aug. 29.
Luchte, Charles W., Covington, Ky. Display container. 2,176,768; Oct. 17.

Lucia, Louis V., West Hartford, Conn., assignor, by mesne assignments, to McGraw Electric Company, Chicago, Ill. Automatic regulating means for timing devices. 2,147,376; Feb. 14.
Lucia, Louis V., West Hartford, assignor to The Silex Company, Hartford, Conn. Automatic control for coffee makers. 2,181,090; Nov. 21.
Luck, Clyde A., et al. (See Cousart, Eddie C., assignor.)
Luck, David G. C., Haddon Township, Camden County, and E. D. Cook, Merchantville, N. J., assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. System for balancing an impedance network. 2,147,746; Feb. 21.
Luck, David G. C., Haddon Heights, N. J., assignor to Radio Corporation of America. Direct current amplifier. 2,179,265; Nov. 7.
Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Boiler. 2,142,612; Jan. 3.
Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Newark, N. J. Furnace. 2,148,484; Feb. 28.
Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Newark, N. J. Apparatus for the operation of steam boilers and accessory devices. 2,151,297; Mar. 21.

Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Bayonne, N. J. Heat exchanger. Re. 21,257; Nov. 7, 1939.
Lucke, Charles E., New York, N. Y., assignor to The Babcock & Wilcox Company, Newark, N. J. Method and apparatus for the operation of steam boilers and accessory devices. 2,184,224; Dec. 19.
Lucke, Henry J. (See Luckhaupt, Christopher, assignor.)
Lückel, Willi, Hagen, Germany. Cap for tubes, containers, or the like. 2,173,787; Sept. 19.
Luckenbach, John L., Jackson Heights, N. Y. Apparatus for separating precious metals from their ores. 2,166,167; July 18.
Lucker, Millard B., assignor to Auto Specialties Manufacturing Company, St. Joseph, Mich. Lifting jack. 2,179,577; Nov. 14.
Lucker, Millard B., assignor to Auto Specialties Manufacturing Company, St. Joseph, Mich. Brake control mechanism. 2,180,307; Nov. 14.
Luckerath, Franz. (See Winter, E., Lückerath, and Windelband.)
Luckett, William S., New York, N. Y. Tobacco container. 2,176,912; Oct. 24.
Luckhardt, Hans. (See Lorenz, A., and Luckhardt.)
Luckhaupt, Christopher, Jamaica, N. Y. Treating porous materials and resulting products. 2,173,882; Sept. 26.
Luckhaupt, Christopher, Jamaica, N. Y., assignor of one-half to H. J. Lucke, Essex County, N. J. Package for infusing material. 2,146,753; Feb. 14.
Luckiesh, Matthew, Shaker Heights, and F. K. Moss, Cleveland, Ohio. Apparatus for measuring visual efficiency. 2,171,881; Sept. 5.
Luckins, Russell C., Philadelphia, Pa. Scaling device. 2,170,721; Aug. 22.
Lucky Brakes, Inc. (See Dewan, L., and Bartho.)
Lucky Brakes, Inc. (See Wren, J. R., and Bartho.)
Lucomlin, Morris, New York, N. Y. Making settings. 2,183,264; Dec. 12.
Ludecke, Fred W., Berkeley, and C. V. Smith, Oakland, Calif. Calculating device. 2,143,892; Jan. 17.
Ludington, Charles T., et al. (See Clark, Joseph C., assignor.)
Ludington, Lawrence L., assignor to G. A. Ball, Muncie, Ind. Breaker reel. 2,162,780; June 20.

Ludington, Nelson A., New Haven, Conn. Load-box and transporting the same. 2,144,410; Jan. 17.
Ludington, Nicholas S., et al. (See Clark, Joseph C., assignor.)
Ludlam, James E., Belleville, N. J. Saddle insole support and cover. 2,148,485; Feb. 28.
Ludlow, Edmund. (See Booth, E. C., Ludlow, and Root.)
Ludlow, Edmund. (See Noblitt, Q. G., and Ludlow.)
Ludlow, Edmund, and E. C. Booth, assignors to Noblitt-sparks Industries, Inc., Columbus, Ind. Automobile body heater. 2,153,120; Apr. 4.
Ludlow Valve Manufacturing Co. Inc., The. (See Lee, Henry B., assignor.)
Ludovici, Renato, assignor to Shanklin Manufacturing Company, Chicago, Ill. Electric cigar lighter. 2,151,479; Mar. 21.
Ludwig, Clarence, Bluffton, Ind. Automatic knife blade grinding machine. 2,151,480; Mar. 21.
Ludwig, John, Detroit, Mich. Hinge. 2,149,973; Mar. 7.
Ludwig, John, Detroit, Mich. Hinge. 2,154,519; Apr. 18.
Ludwig, Leon R. (See Slepian, J., and Ludwig.)
Ludwig, Leon R. (See Wagner, C. F., Slepian, and Ludwig.)
Ludwig, Louis, Brooklyn, N. Y. Fuse plug. 2,142,361; Jan. 3.
Ludwig, Louis, Brooklyn, N. Y. Lamp guard for portable electric lights. 2,142,362; Jan. 3.
Ludwig, Oskar R., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Urea formaldehyde resins. 2,171,882; Sept. 5.
Ludwig, Oskar R., assignor to The Resinous Products & Chemical Company, Philadelphia, Pa. Stable urea-formaldehyde resin solution. 2,175,475; Oct. 10.

Ludwig, Walter E., et al. (See Parkhill, Frederic W., assignor.)
Ludwig, William F., Oak Park, Ill. Timpano adjuster. 2,150,981; Mar. 21.
Ludwig, Willy. (See Lautenschlager, C. L., and Ludwig.)
Ludwig, Willy. (See Lautenschläger, C. L., and Ludwig.)
Ludwig, Willy, Frankfort-on-the-Main-Hochst, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Oestrus-promoting substance from the anterior lobes of the hypophysis and preparing it. 2,158,788; May 16.
Lueck, Lawrence R., El Monte, Calif. Distress signal. 2,160,974; June 6.
Lueckel, William J., assignor to Dunning Lueckel Engineering Company, New York, N. Y. Combined conveying and weighing apparatus. 2,169,897; Aug. 15.
Lueder, Holger, Berlin-Friedenau, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt near Berlin, Germany. Frequency dependent damping network. 2,182,089; Dec. 5.
Lueders, Walter. (See Mayer, C. W., and Luders.)
Lueders, Warren E. (See Lee, R., and Lueders.)
Luedtke, Arnim W. (See Riemenschneider, E., and Luedtke.)
Luedtke, Lou H., Muncie, Ind. Portable stove. 2,172,769; Sept. 12.
Luehrs, Hans J. (See Barber, H. M., and Luehrs.)
Luehrs, Hans J., assignor to C. B. Cottrell & Sons Company, Westerly, R. I. Intaglio printing press. 2,183,222; Dec. 12.
Luers, John M., Detroit, Mich. Tool. 2,176,265; Oct. 17.
Luertzing, Paul R., Vineland, N. J. Method and apparatus for making glass articles. 2,166,871; July 18.
Lufkin Foundry & Machine Company. (See Trout, Walter C., assignor.)
Lufkin Foundry & Machine Company. (See Trout, W. C., (and Fincher, assignor).)
Lufkin Rule Company, The. (See Witchger, Eugene J., assignor.)
Luft, Fritz. (See Eggert, J., and Luft.)
Luftschiffbau Zeppelin G. m. b. H. (See Duerr, Ludwig, assignor.)
Luftschiffbau Zeppelin G. m. b. H. (See Moechel, Hans, assignor.)
Lugar, Charles W., Cleveland Heights, Ohio, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control system. 2,148,868; Feb. 28.
Luhdorff, Frederick H., assignor to Food Machinery Corporation, San Jose, Calif. Filling machine. 2,172,012; Sept. 5.
Luhn, Hans P., North Tarrytown, N. Y. Measuring device. 2,142,401; Jan. 3.
Luhn, Hans P., North Tarrytown, N. Y. Holder for hosiery or the like. 2,164,534; July 4.
Luhrman, Albert H., Cincinnati, Ohio. Pasting machine for battery grids. 2,175,943; Oct. 10.
Luhrs, John F., Cleveland Heights, Ohio, assignor to Bailey Meter Company. Measuring and controlling apparatus. 2,165,182; July 4.
Lukasiewicz, Ignatius, Detroit, Mich. Clip forming and clamping machine. 2,160,781; May 30.
Luke, John W., St. Augustine, Fla. Securing covers to receptacles. 2,146,190; Feb. 7.
Lukenbill, Emery D., Indianapolis, Ind. Grip attachment for brush handles. 2,179,266; Nov. 7.
Lukis, Ernest D., New York, N. Y., assignor to E. Leitz, Inc. Photographic plate holder. 2,168,418; Aug. 8.
Lukow, Herman T., et al. (See Sachs, Erich, assignors.)
Lulay, Nicholas R., Sublimity, Oreg. Hydraulic brake. 2,168,959; Aug. 8.
Lulek, Ralph N. (See Weiland, H. J., and Lulek.)
Lulek, Ralph N., Waukesha, and and C. F. Belcher, South Milwaukee, Wis., assignors, to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone series. 2,155,359; Apr. 18.
Lulek, Ralph N., Milwaukee, and C. F. Belcher, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone series. 2,155,360; Apr. 18.
Lulek, Ralph N., Silverside Heights, Del., and C. F. Belcher, Bridgeton, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs of the anthraquinone series. 2,161,967; June 13.
Lum, Alice H. F. (See Singer, Henry, assignor.)
Lum, Ko Wah, and A. B. Vinogradoff, San Francisco, Calif. Wrapping machine. 2,166,473; July 18.
Lumasyne, Inc. (See Wilson, George R., assignor.)
Lumb, Charles F., London, England, assignor to Schori Process Corporation, Long Island City, N. Y. Spraying metals or other materials. 2,155,948; Apr. 25.
Lumbard, Henry G., Auburn, Maine. Making insoles. 2,181,787; Nov. 28.
Lumineles (Societe a responsabilite Limitee). (See Abadie, Jean B. J. M., assignor.)
Luminor Electric Company. (See Wojtkowiak, Hans, assignor.)
Luminous Tube Control Corporation. (See Reitherman, Ralph W., assignor.)
Lumley, Maurice C., Norwood, assignor to The F. H. Lawson Company, Cincinnati, Ohio. Mirror mounting. 2,184,893; Dec. 26.
Lummus Company, The. (See Brinckerhoff, J. E., Kohler, and (Reed and Smith, assignors.).)
Lummus Cotton Gin Company. (See Grimes, Thaddeus S., assignor.)
Lummus Company, The. (See Guerrieri, Salvator A., assignor.)
Lummus Company, The. (See Kraft, Wheaton W., assignor.)
Lummus Company, The. (See Kraft, W. W., and Bloomer, assignors.)
Lummus Company, The. (See Kraft, W. W., and Zimmerman, assignors.)
Lummus Company, The. (See McGovern, Frank J., assignor.)
Lummus Company, The. (See (Reed, C. S., and Smith, assignors), Brinckerhoff, and Kohler.)
Lummus Company, The. (See Schauble, Otto C., assignor.)
Lummus Company, The. (See Smoley, Eugene R., assignor.)
Lummus Company, The. (See Zimmerman, Merle A., assignor.)
Lumpkin, Ladd J., Jr. (See Collier, F. M., and Lumpkin.)
Lumsden, Colin H. (See Haddock, N. H., and Lumsden.)
Lund, Alfred M. (See Hill, Philip B., assignor.)
Lund, Harold, Minneapolis, Minn. Weedless bait. 2,166,311; July 18.
Lund, Henry H. B., Welwyn Garden City, England. Float-operated valve for allowing intermittent supply of liquid. 2,145,052; Jan. 24.
Lund, Henry H. B., Welwyn Garden City, England. Apparatus for the germination of seeds and the growth of seedlings. 2,153,871; Apr. 11.
Lund, Henry H. B., London, England. Apparatus for the germination of seeds and the growth of seedlings. 2,169,701; Aug. 15.
Lund, Henry H. B., Welwyn, Garden City, England. Apparatus for the germination of seeds and the growth of seedlings. 2,179,642; Nov. 14.
Lund, James K., assignor to The Dole Valve Company, Chicago, Ill. Air valve. 2,147,984; Feb. 21.
Lund, Nels B. (See Fischer, A. J., and Lund.)
Lund, John, Limited. (See Scaife, Joseph D., assignor.)
Lund, Samuel, assignor to John W. Collier & Son, Providence, R. I. Oiling mechanism for spinning frames and the like. 2,148,274; Feb. 21.
Lundahl, Tore, Brooklyn, assignor to Technical Appliance Corporation, New York, N. Y. Radio receiving system. 2,143,159; Jan. 10.
Lundbye, Axel E., assignor to The Foote Company, Inc., Nunda, N. Y. Automatic control for concrete pavers 2,158,942; May 16.
Lundeen, Chester A., assignor to Byron Jackson Co. Los Angeles, Calif. Elevator. 2,144,072; Jan. 17.
Lundeen, Chester A., assignor to Byron Jackson Co., Los Angeles, Calif. Elevator latch. 2,148,762; Feb. 28.
Lundene, Otto. (See Reifer, G. M., Procissi, and Lundene.)
Lundgren, Carl E., La Porte, Ind. Closure. 2,162,092; June 13.
Lundgren, Jacob, assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Flexible driving connection for balancing machines. 2,146,547; Feb. 7.
Lundgren, William E., assignor to Draper Corporation, Hopedale, Mass. Shuttle. 2,154,050; Apr. 11.
Lundgren, William E., assignor to Draper Corporation, Hopedale, Mass. Transferrer. 2,180,088; Nov. 14.
Lundin, John, Detroit, Mich. Form apparatus for concrete construction. 2,170,564; Aug. 22.
Lundquist, Arthur R. (See Hamilton, F. F., and Lundquist.)
Lundquist, Arvid, R. A. Freeman, and W. C. Wieking, assignors, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Web supply mechanism. 2,155,430; Apr. 25.
Lundquist, Wilton G., Glen Rock, N. J., assignor to Wright Aeronautical Corporation. Crankshaft torsion damper. 2,172,741; Sept. 12.
Lundqvist, Karl H. (See Pettersson, H. L., and Lundqvist.)
Lundstedt, Erik, Goshen, and J. Taub, Brooklyn, assignors to Newark Cheese Co., Inc., New York, N. Y. Cheese product and process of manufacture. 2,160,159; May 30.
Lundstrom, Alexis A., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Selective system. 2,149,355; Mar. 7.
Lundstrum, Allan W., Portland, Oreg. Circulating space heater and venting means therefor. 2,160,883; June 6.
Lundvall, John S., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Refrigator car floor. 2,142,320; Jan. 3.
Lundvall, John S., assignor to Union Asbestos & Rubber Company, Chicago, Ill. Refrigerator car construction. 2,174,988; Oct. 3.
Lundwall, Albert J., Muskegon, assignor to Campbell Wyant Cannon Foundry Company, Muskegon Heights, Mich. Briquette coating machine. 2,155,500; Apr. 25.
Lundy, David A., Riverside, assignor to Electric Household Utilities Corporation, Chicago, Ill. Temperature indicating device for washing machines. 2,156,763; May 2.
Lunge, George S., Scotia, N. Y., assignor to General Electric Company. Control system. 2,173,719; Sept. 19.
Luning, George W. (See Groene, W. F., and Luning.)
Lunney, Henry J., Los Angeles, Calif. Maternity support. 2,166,312; July 18.

Lunsford, Robert L., Belleville, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Making electrical connections. 2,182,968; Dec. 12.
Lupo, Joseph, Jr., Bronx, N. Y. Lined tumbling barrel. 2,158,076; May 16.
Lupo, Joseph, Jr., Bronx, N. Y. Thread cutting machine. 2,176,676; Oct. 17.
Lupton, Elmer H., Ilchester, Md. Bottle carrier. 2,160,550; May 30.
Lupton, Elmer H., Ilchester, Md. Bottle carrier. 2,160,551; May 30.
Lurie, Benjamin S. (See Bigelow, Harry K., assignor.)
Lurie, David, Joliet, Ill., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Preparing sodium aluminum sulphate substantially fluorine free. 2,152,597; Mar. 28.
Lurk, Hans J. (See Töpfer, H., and Lurk.)
Lurk, Hans J., Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft of Wernerwerk, Siemensstadt, Berlin, Germany. Automatic telephone system. 2,182,482; Dec. 5.
Lush, Clifford N., et al. (See van Allen, Frederic L., assignor.)
Lush, George R. W. (See Paul, D. W. F. D., Rees, and Lush.)
Lusk, Myron E., Jr., Quincy, Ill. Dust gun. 2,184,191; Dec. 19.
Lustin, Henri. (See Gilles, G., and Lustin.)
Luten, Daniel B., Jr. (See Hund, W. J., Thomas, and Luten.)
Luten, Daniel B., Jr., and S. B. Thomas, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Separation of thiophenols from alkyl phenols. 2,184,928; Dec. 26.
Luteraan, Philip, Bagnolet, France. Optical balance. 2,164,139; June 27.
Lutey, William J., Seattle, Wash. Resilient cross straps for tire chains. 2,156,816; May 2.
Lutey, William J., Seattle, Wash. Resilient cross link for tire chains. 2,172,515; Sept. 12.
Luther Manufacturing Company. (See Messer, Peter J., assignor.)
Luther, Martin P., Chicago, Ill. Insect exterminator. 2,165,560; July 11.
Lutherer, Otto. (See Naab, G. F., and Lutherer.)
Lutschg, Jerrold D., Inglewood, Calif. Rotary internal combustion engine. 2,164,462; July 4.
Lutto S. A., The. (See Amrein, Adolf, assignor.)
Lutz, Frederick, assignor to Union Special Maschinenfabrik, G. m. b. H., Stuttgart, Germany. Sewing machine. 2,156,536; May 2.
Lutz, Fritz, Stuttgart, assignor to Union Special Maschinenfabrik G. m. b. H., Stuttgart, Wurttemberg, Germany. Sewing machine having automatically operated cutting devices. 2,148,377; Feb. 21.
Lutz, Johann W., Rheineck, Switzerland. Diesel engine. 2,151,218; Mar. 21.
Lutz, John A. (See Bolesky, W. F., Waleke, and Lutz.)
Lutz, Raymond P., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Impregnated fibrous material and compositions suitable for impregnating such material. 2,172,445; Sept. 12.
Lutz, Vergil M., Springfield, Ohio. Piston ring. 2,183,199; Dec. 12.
Lütz & Weiss G. m. b. H., Silber & Metallwarenfabrik. (See Dürrler, Wilhelm, assignor.)
Lutz, Willard C., Lancaster, Pa. Silo. 2,182,728; Dec. 5.
Lux-Air Equipment Company. (See Lynch, H. M., and Holden, assignors.)
Lux Clock Manufacturing Company, The. (See Lux, Frederick, assignor.)
Lux, Eugene, New York, N. Y., assignor to The Gruen Watch Company, Cincinnati, Ohio. Watch box. 2.157.990; May 9.
Lux, Frederick, assignor to The Lux Clock Manufacturing Company, Waterbury, Conn. Fastening means. 2,153,148; Apr. 4.
Lux, Frederick, assignor to The Lux Clock Manufacturing Company, Inc., Waterbury, Conn. Synchronous motor. 2,160,076; May 30.
Luzzi, August F., Wichita Falls, Tex. Semirigid gauze. 2,174,796; Oct. 3.
L'Wolfe, Robert, Seattle, Wash. Device for sharpening lawn mowers. 2,158,191; May 16.
Lybarger, Samuel F., and A. E. Pelz, assignors to E. A. Myers & Sons, Mount Lebanon, Pa. Spring pin contactor. 2,143,564; Jan. 10.
Lybarger, Samuel F., Mount Lebanon, assignor to E. A. Myers & Sons, Pittsburgh, Pa. Microphonic relay. 2,145,603; Jan. 31.
Lyda, Arthur W., assignor of one-half to J. S. Applegate, Wellsburg, W. Va., and one-half to O. E. Lyda, North Canton, Ohio. Lifeboat. 2,149,850; Mar. 7.
Lyda, Arthur W., North Canton, Ohio, assignor of one-half to J. S. Applegate, Wellesburg, W. Va., and one-half to O. E. Lyda, North Canton, Ohio. Davit for lifeboats. 2,177,901; Oct. 31.
Lyda, Orpha E., et al. (See Lyda, Arthur W., assignor.)
Lyem, Arthur. (See Platt, H., and Lyem.)
Lyford, George, Cincinnati, Ohio. Diagnostic and therapeutic apparatus. 2,156,764; May 2.
Lyford, Robert E., Torrington, Conn, assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,167,663; Aug. 1.
Lykos, John, Stockdale, and O. H. Beaumont, North Belle Vernon, Pa. Cigarette holder. 2,173,211; Sept. 19.
Lyle, Vent M., Bluefield, assignor of one-fourth to C. Mariotti, McComas, and one-fourth to R. E. Rogers, Oak Hill, W. Va. Direction indicator. 2,142,905; Jan. 3.
Lyle, Vent M., Bluefield, assignor of one-fourth to R. E. Rogers, Oak Hill, and one-fourth to C. Mariotti, McComas, W. Va. Tag holder and lock. 2,142,906; Jan. 3.
Lyman, Arthur L. (See Halloran, R. A., and Lyman.)
Lyman, Arthur L., H. B. Nichols, and R. C. Mithoff, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Catalytic desulphurization of petroleum. 2,143,078; Jan. 10.
Lyman, Arthur L., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Parasiticidal sprav oil composition. 2,166,500; July 18.
Lyman, Harold T., Cranston, R. I., assignor to Homasote Company, Incorporated, Fernwood, N. J. Roofing or siding material. 2,148,167; Feb. 21.
Lyman, Kenneth E., et al. (See McKone, Leo J., assignor.)
Lyman, Winnifred C., Southampton, Mass. Garment hanger. 2,170,479; Aug. 22.
Lynch Corporation. (See Miller, Edward, assignor.)
Lynch, George J., administrator. (See Carroll, William L., assignor.)
Lynch, Henry M., and W. L. Holden, assignors to Lux-Air Equipment Company, Detroit, Mich. Auxiliary window. 2,173,758; Sept. 19.
Lynch, John S., Massillon, assignor, by mesne assignments, to Republic Steel Corporation, Cleveland, Ohio. Method of and apparatus for removing scale from and sizing rods and the like. 2,159,561; May 23.
Lynch, Walton D. (See Bachmeyer, George J., assignor.)
Lyndon, Lamar. (See McWade, R., and Lyndon.)
Lyne, Robert A., Pittsburgh, Pa. Golf shoe attachment. 2,179,942; Nov. 14.
Lyness, Horatio S., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Cutting die. 2,165,394; July 11.
Lyness, Horatio S., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method and means for relatively positioning soles and shoes. 2,168,485; Aug. 8.
Lynger, Erik S., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,153,580; Apr. 11.
Lynger, Erik S., Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,181,376; Nov. 28.
Lynn, Clarence. (See Coleman, H. C., and Lynn.)
Lynn, Harry E. (See Collett, Charles H., assignor.)
Lynn, John P., Chicago, assignor, by mesne assignments, to Dur-O-Lite Pencil Company, Melrose Park, Ill. Plunger for mechanical pencils and producing same. 2,145,450; Jan. 31.
Lynn, Robert M., Altadena, Calif. Drier for photographic prints and the like. 2,164,614; July 4.
Lynxwiler, Thomas L. D. (See Hack, Nathan and L., and Lynxwiler.)
Lyon, Charles A. (See Vogler, J. E., and Lyon.)
Lyon, George A. (See Hunt J H., and Horn, assignors.)
Lyon, George A., Allenhurst, N. J. Ornamental wheel disk. Re. 21,179; Aug. 22.
Lyon, George A., Allenhurst, N. J. Wheel construction. Re. 21,296; Dec. 12.
Lyon, George A., Allenhurst, N. J. Making ornamental disk structures. 2,147,661; Feb. 21.
Lyon, George A., Allenhurst, N. J. Ornamental wheel disk. 2,148,210; Feb. 21.
Lyon, George A., Allenhurst, N. J. Wheel disk. 2,148,213; Feb. 21.
Lyon, George A., Allenhurst, N. J. Mounting ornamental accessories on steering wheels. 2,153,380; Apr. 4.
Lyon, George A., Allenhurst, N. J. Ornamental wheel disk. 2,157,136; May 9.
Lyon, George A., Allenhurst, N. J. Ornamental wheel disk structure. 2,157,908; May 9.
Lyon, George A., Allenhurst, N. J. Ornamental wheel disk structure. 2,162,730; June 20.
Lyon, George A., Allenhurst, N. J. Method of and apparatus for die-forming parts. 2,162,731; June 20.
Lyon, George A., Allenhurst, N. J. Making a wheel. 2,162,735; June 20.
Lyon, George A., Allenhurst, N. J. Ornamental wheel disk structure. 2,162,736; June 20.
Lyon, George A., Allenhurst, N. J. Wheel disk and mounting same. 2,163,004; June 20.
Lyon, George A., Allenhurst, N. J. Manufacturing sheet metal articles. 2,163,005; June 20.
Lyon, George A., Allenhurst, N. J. Vehicle accessory. 2,163,608; June 27.
Lyon, George A., Allenhurst, N. J. Wheel disk construction. 2,166,216; July 18.
Lyon, George A., Allenhurst, N. J. Ornamental grille and fender guard. 2,168,354; Aug. 8.
Lyon, George A., Allenhurst, N. J. Making auxiliary impact members. 2,168,355; Aug. 8.
Lyon, George A., Allenhurst, N. J. Snap-on bumper guard. 2,168,356; Aug. 8.
Lyon, George A., Allenhurst, N. J. Auxiliary impact member. 2,168,357; Aug. 8.
Lyon, George A., Allenhurst, N. J. Auxiliary impact member and making the same. 2,168,358; Aug. 8.

Lyon, George A., Allenhurst, N. J. Horn accessory. 2,175,206; Oct. 10.
Lyon, George A., Allenhurst, N. J. Horn accessory. 2,175,207; Oct. 10.
Lyon, George A., Allenhurst, N. J. Horn blower. 2,175,208; Oct. 10.
Lyon, George A., Allenhurst, N. J. Auxiliary impact member. 2,182,898; Dec. 12.
Lyon, George A., Allenhurst, N. J., assignor to Lyon Incorporated, Detroit, Mich. Ornamental fender skirt. Re. 21,083; May 16.
Lyon, George A., Allenhurst, N. J., assignor to Lyon Incorporated, Detroit, Mich. Spare wheel and cover assembly. 2,147,049; Feb. 14.
Lyon, George A., Detroit, Mich. Ornamental disk structure. 2,148,211; Feb. 21.
Lyon, George A., Detroit, Mich. Making wheel disks. 2,148,212; Feb. 21.
Lyon, George A., Detroit, Mich. Ornamental wheel disk. 2,157,960; May 9.
Lyon, George A., Detroit, Mich. Ornamental beaded wheel disk. 2,162,732; June 20.
Lyon, George A., Detroit, Mich. Making a multipiece article. 2,162,733; June 20.
Lyon, George A., Detroit, Mich. Joining parts. 2,162,734; June 20.
Lyon, George A., Detroit, Mich. Die-forming parts. 2,163,003; June 20.
Lyon, George R., Highland Park, Mich. Compressor. 2,169,807; Aug. 15.
Lyon, Harry, Abington, assignor, by mesne assignments, to Barbour Welting Company, Brockton, Mass. Making welting. 2,142,198; Jan. 3.
Lyon, Harry, Abington, assignor, by mesne assignments, to G. A. Huff, Brockton, Mass. Method of and machine for skiving. 2,166,960; July 25.
Lyon Incorporated. (See Lyon, George A., assignor.)
Lyon Iron Works. (See Raymond, G. G., and House, assignors.)
Lyon, James, San Diego, Calif. Air filter and medicator for poultry hovers and the like. 2,171,400; Aug. 29.
Lyon, Leon P., Miami Beach, Fla. Fuse indicator and puller. 2,164,658; July 4.
Lyon Metal Procuts, Incorporated. (See Bales, James E., assignor.)
Lyon, Norman W., assignor to Package Machinery Company, Springfield, Mass. Bottle hooding machine. 2,149,399; Mar. 7.
Lyon, Norman W., assignor to National Bread Wrapping Machine Co., Springfield, Mass. Bread slicing machine. 2,160,387; May 30.
Lyon, Norman W., assignor to Package Machinery Company, Springfield, Mass. Bottle hooding machine. 2,170,760; Aug. 22.
Lyon, Scott C., Bexley, Ohio, assignor to Standard Oil Development Company. Insulation for oil storage tanks. 2,177,369; Oct. 24.
Lyon, William E., San Diego, Calif. Portable air conditioning means for brooders and the like. 2,179,893; Nov. 14.
Lyons, Daniel A., Los Angeles, and L. R. Earl, Alhambra, assignors to Consolidated Steel Corp., Ltd., Los Angeles, Calif. Apparatus for manufacturing or lining pipes. 2,161,968; June 13.
Lyons, Dwight E. (See Gilliam, Lawrence M., assignor.)
Lyons, Edward, assignor to Parke, Davis & Company, Detroit, Mich. Composition of matter and preparing same. 2,148,763; Feb. 28.
Lyons, Frank H., Milwaukee, Wis., assignor to E. L. Bruce Company, Memphis, Tenn. Protecting wood from attack by insects and fungi. 2,154,173; Apr. 11.
Lyons, George W., New Haven, Conn. Hatchway. 2,174,989; Oct. 3.
Lyons, Henry L. (See Hall, Daniel C. and W. M.)
Lyons, Henry N. (See Isham, R. M., and Lyons.)
Lyons-Magnus, Incorporated. (See Steinbiss, Carl H., assignor.)
Lyons, Maurice F., and B. Kaplan, Cincinnati, Ohio, assignor of one-half to M. R. Haddon, Chicago, Ill. Pipe cleaner. 2,164,856; July 4.
Lyons, Morris, Chicago, Ill. Scalp protector. 2,146,376; Feb. 7.
Lyons, Robert L., assignor to American Button Sewing Machine Co., Waltham, Mass. Button sewing machine. Re. 21,016; Feb. 28.
Lyons, Robert L., assignor to American Button Sewing Machine Co., Waltham, Mass. Sewing machine. 2,175,612; Oct. 10.
Lyons, Sanford C., Bennington, Vt., assignor to Bird Machine Co., Walpole, Mass. Refining clay. 2,147,774; Feb. 21.
Lyons, Sanford C., Bennington, Vt., assignor to Bird Machine Co., Walpole, Mass. Extruding moist plastic for blunging and decolorizing clay or the like. 2,154,948; Apr. 18.
Lyons, Sanford C., Bennington, Vt., assignor to Bird Machine Co., Walepole, Mass. Extruding moist plastic material. 2,154,949; Apr. 18.
Lyons, Sanford C., Bennington, Vt., assignor to Bird Machine Co., Walpole, Mass. Method of and apparatus for blunging clay. 2,173,975; Sept. 26.
Lyons, Sanford C., Bennington, Vt., assignor to Bird Machine Co., Walpole, Mass. Fractionation or classification of finely divided solids. 2,179,154; Nov. 7.
Lyons, Sanford C., Bennington, Vt., assignor to Bird Machine Co., Walpole, Mass. Refining clay. 2,180,742; Nov. 21.
Lyons, Walter G., Memphis, Tenn. Collapsible rim for vehicle wheels. 2,147,377; Feb. 14.
Lyons, Willard E. (See McKone, L. J., and Lyons.)
Lyons, Willard E., assignor to Leo Corporation, Chicago, Ill. Stabilized solutions of metal-organic compounds and making the same. 2,156,918; May 2.
Lyons, Willard E., and L. J. McKone, assignors to Leo Corporation, Chicago, Ill. Operating internal combustion engines. 2,151,432; Mar. 21.
Lyons, William R. (See Catchpole, H. R., and Lyons.)
Lysholm, Alf, Stockholm, Sweden. Rotary screw apparatus. 2,174,522; Oct. 3.
Lysholm, Alf, assignor to Aktiebolaget Milo, Stockholm, Sweden. Aircraft power plant. 2,162,956; June 20.
Lysholm, Alf, assignor to Aktiebolaget Ljungstroms Angturbin, Stockholm, Sweden. Elastic fluid turbine. 2,162,957; June 20.
Lysholm, Alf, assignor to Aktiebolaget Milo, Stockholm, Sweden. Making turbines. 2,179,556; Nov. 14.
Lysholm, Alf, and F. Horney, assignors to Aktiebolaget Ljungstroms Angturbin, Stockholm, Sweden. Hydraulic power transmission. 2,142,199; Jan. 3.
Lytle, Arthur R., Niagara Falls, N. Y., assignor to Oxweld Acetylene Company. Steel welding rod. 2,145,604; Jan. 31.
Lytle, Arthur R., and W. Morton, Niagara Falls, N. Y., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Welding process and apparatus. 2,158,664; May 16.
Lytle, Arthur R., and T. H. Vaughn, Niagara Falls, N. Y., assignors to Oxweld Acetylene Company. Welding rod. 2,158,984; May 16.
Lytle, Lawrence D. (See Crossley, M. L., and Lytle.)
Lytle, William O., New Kensington, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Vitreous shingle. 2,159,665; May 23.
Lytle, William O., New Kensington, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass building block. 2,167,764; Aug. 1.
M. J. B. Company. (See Burns, Wilford E., assignor.)
M and M Wood Working Company. (See Cone, Charles N., assignor.)
M and M Wood Working Company. (See Hansen, Ray C., assignor.)
M-O Valve Company. (See Warren, Geoffrey W., assignor.)
M & R Dietetic Laboratories, Inc. (See Browne, Edwin H., assignor.)
M & R Dietetic Laboratories, Inc. (See Otting, Herbert E., assignor.)
Maack, Hans, Brooklyn, N. Y. Piston ring. 2,148,764; Feb. 28.
Maag, Oscar L., assignor to The Timken Roller Bearing Company, Canton, Ohio. Lubricant. 2,160,577; May 30.
Maage, Alfred E., Jr. (See Schultz, L., and Maage.)
Maas, Arnold, Berlin-Tegel, Germany, assignor to General Electric Company. Hydraulic control mechanism. 2,153,381; Apr. 4.
Maas, A. R., Chemical Co. (See Bowman, Frederic C., assignor.)
Maas, John G., Bancroft, Nebr. Vehicle crank support. 2,181,788; Nov. 28.
Maas, Julian, St. Louis, Mo. Container. 2,182,261; Dec. 5.
Maas & Waldstein Company. (See Klinkenstein, Gustave, assignor.)
Maasberg, Albert T. (See Peterson, F. C., and Maasberg.)
Maasberg, Albert T., assignor to The Dow Chemical Company, Midland, Mich. Water soluble cellulose ethers. 2,160,782; May 30.
Maatschappij van Berkel's Patent N. V. (See van Berkel, Wilhelmus A., assignor.)
Maatschappij voor Thermo-Chemie N. V. (See Gardner, Daniel, assignor.)
Mabey, Arthur R., assignor to The Bristol Company, Waterbury, Conn. Automatic control system. 2,170,418; Aug. 22.
Mabie, Henry C., Jamaica Plain, Mass. Track for pneumatic-tired vehicles. 2,181,377; Nov. 28.
Mabille, Raoul, Brussels, Belgium. Rotary engine. 2,143,738; Jan. 10.
Mabon, Carl R., assignor to Gilman Fanfold Corporation, Niagara Falls, N. Y. Typewriting machine. 2,158,585; May 16.
Mabon, Carl R., assignor to Gilman Fanfold Corporation, Niagara Falls, N. Y. Strip feeding and aligning mechanism. 2,171,003; Aug. 29.
Mabon, Carl R., assignor to Gilman Fanfold Corporation, Niagara Falls, N. Y. Strip feeding and controlling mechanism for typewriting machines. 2,179,155; Nov. 7.
Mabon, Carl R., assignor to Gilman Fanfold Corporation, Niagara Falls, N. Y. Typewriting machine. 2,179,156; Nov. 7.
Mabs, Harry J., assignor to J. E. Johnson, Chicago, Ill. Electrical switch. 2,173,284; Sept. 19.
Maby, Albert C., et al., executor. (See Pierce, John R.)
Maby, Edelbert C., et al., executors. (See Peirce, John R.)
MacAfee, Merrill W. (See Malozemoff, P., MacAfee, and Kirk.)

Macagno, Frank, San Francisco, assignor of one-quarter to E. Taldo, Los Angeles, Calif. Securing means for tank caps. 2,146,968; Feb. 14.
Macallum, Alexander D., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of acetylene glycols. 2,162,676; June 13.
Macallum, Archibald B., and N. B. Laughton, London, Ontario, Canada. Obtaining an extract of duodenal mucosa. 2,180,905; Nov. 21.
MacAndrews and Forbes Company. (See Gideon, Roy M., assignor.)
MacAndrews and Forbes Company. (See Houseman, Percy A., assignor.)
MacArthur, Charles J., Glen Ridge, N. J. Web-fed printing press. 2,168,229; Aug. 1.
MacArthur, Charles J., Glen Ridge, N. J., assignor to The Interchemical Corporation, New York, N. Y. Setting coloring and coating compositions. 2,157,387; May 9.
MacArthur, Charles J., Glen Ridge, N. J., assignor to The Interchemical Corporation. Printing and setting a printing ink. 2,157,388; May 9.
MacArthur, Roger A., Wyoming, Ohio, assignor to The Philip Carey Manufacturing Company. Suspension of magnesium hydroxide and material and process for making same. 2,168,228; Aug. 1.
Macbeth, Albert C., Seattle, Wash. Control for carburetor idling systems. 2,155,670; Apr. 25.
Macbeth, Colin, Birmingham, England. Spring suspension for fork-mounted wheels. 2,170,565; Aug. 22.
MacBride, Andrew S., Victoria, British Columbia, Canada. Synthetic skating surface. 2,179,664; Nov. 14.
MacBride, Milton F., assignor to C. Zimmer, Brooklyn, N. Y. Testing gauge for motor vehicle fuel pumps. 2,145,401; Jan. 31.
MacCallum, Frank, Washwood Heath, Brimingham, assignor to Maxolite Holdings Limited, Kinksway, London, England. Dry battery. 2,144,574; Jan. 17.
MacCallum, Frank, deceased, assignor of one-half to A. H. Redfern, Birmingham, England; H. Prince and M. MacCallum, executrices. Dry battery. 2,146,377; Feb. 7.
MacCallum, Frank, Birmingham, assignor to Maxolite Holdings Limited, London, England. Dry battery. 2,154,312; Apr. 11.
MacCallum, Frank, Washwood Heath, Birmingham, assignor to Maxolite Holdings Limited, London, England. Attaching paste to the plates of electric batteries. 2,157,961; May 9.
MacCallum, Frank, Birmingham, assignor to Maxolite Holdings Limited, Kingsway, London, England. Producing elements for dry batteries. 2,165,061; July 4.
MacCallum, Mary, et al., executrices. (See MacCallum, Frank.)
Maccarone, Fred, Brooklyn, N. Y. Shoemaking. 2,164,754; July 4.
MacCarthy, John D. (See Sweet, A. T., and MacCarthy.)
MacChesney, Chester M., Chicago, Ill. Bowling ball attachment. 2,147,907; Feb. 21.
MacChesney, Chester M., assignor to Acme Steel Company, Chicago, Ill. Convever belt. 2,165,283; July 11.
MacChesney, Chester M., Chicago, and A. B. Wilson, Evanston, assignors to Acme Steel Company, Chicago, Ill. Convever belt. 2,165,395; July 11.
MacClain, Albert L. (See Beisel, R. B., and MacClain.)
MacClatchie, John W., Los Angeles, Calif. Heat transferring means. 2,148,702; Feb. 28.
MacClatchie, John W., Los Angeles, assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Blow-out preventer. 2,144,682; Jan. 24.
MacClatchie, John W., Los Angeles, assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Packing. 2,144,736; Jan. 24.
MacClatchie, John W., Los Angeles, assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Blowout preventer. 2,159,540; May 23.
MacClatchie, John W., Los Angeles, assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Blowout preventer. 2,159,541; May 23.
MacClatchie, John W., Los Angeles, assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Rotatable packer. 2,164,857; July 4.
MacClatchie, John W., Los Angeles, assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Packer. 2,182,899; Dec. 12.
MacClatchie, John W., Newhall, assignor to MacClatchie Manufacturing Company of California, Compton, Calif. Valve. 2,178,876; Nov. 7.
MacClatchie, John W., Los Angeles, G. D. Johnson, Compton, and C. A. Thies, Huntington Park, assignors to MacClatchie Manufacturing Company of California, Compton, Calif. Liner construction. 2,163,885; June 27.
MacClatchie Manufacturing Company of California. (See Deakins, Grover C., assignor.)
MacClatchie Manufacturing Company of California. (See MacClatchie, John W., assignor.)
MacClatchie Manufacturing Company of California. (See MacClatchie, J. W., Johnson, and Thies, assignors.)
MacConville, John E., Glenside, N. I. Cockley, Philadelphia, and J. L. Whitten, Pittsburgh, assignors to The Brown Instrument Company, Philadelphia, Pa. Heat treating control. 2,184,975; Dec. 26.
MacCordy, Charles A., assignor to Sanitary Metal Cap Corporation, Syracuse, N. Y. Making over-all bottle caps. 2,166,501; July 18.
MacCormac, Rockwell M., Kansas City, Mo. Rotary concentrator. 2,155,432; Apr. 25.
Mac Dee Company. (See McDonald, Herman M., assignor.)
Macdonald, Alexander D., Malden, assignor to B. B. Chemical Co., Boston, Mass. Plastic polymerized chloropene adhesive compositions. 2,163,609; June 27.
Macdonald, Alexander D., Malden, assignor to B. B. Chemical Co., Boston, Mass. Adhesive compositions. 2,163,610; June 27.
Macdonald, Alexander D., Malden, assignor to B. B. Chemical Co., Boston, Mass. Liquid adhesive composition. 2,163,611; June 27.
Macdonald, Alexander D., Malden, assignor to B. B. Chemical Co., Boston, Mass. Preparing an adhesive. 2,163,612; June 27.
MacDonald, Chester R., Monroe, Mich., assignor to The Patent and Licensing Corporation, Boston, Mass. Shingle element. 2,150,004; Mar. 7.
MacDonald, Clifford K., Brockton, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Seam reducing. 2,181,243; Nov. 28.
MacDonald, Edmund R., Attleboro Falls, and E. S. Irelan, assignors to Evans Case Company, North Attleboro, Mass. Making receptacles. 2,157,794; May 9.
Macdonald, George C., Boston, assignor to Megowen-Educator Food Company, Cambridge, Mass. Display rack. 2,171,035; Aug. 29.
MacDonald, George S. (See Ott, H. N., and MacDonald.)
MacDonald, Howard D., assignor to Evans Case Company, North Attleboro, Mass. Receptacle. 2,161,715; June 6.
Macdonald, James A., London, England. Producer gas plant. 2,171,184; Aug. 29.
MacDonald, James I. (See Langston, A. L., and MacDonald.)
MacDonald, John G. (See Brownlee, S. D., and MacDonald.)
MacDonald, Kenneth, assignor of one-half to H. W. Clasen, Syracuse, N. Y. Envelope. 2,162,958; June 20.
Macdonald, Kenneth W., Watertown, Mass. Making boxes. 2,154,950; Apr. 18.
Macdonald, Lester S. (See Standish, J. F., and Macdonald.)
MacDonald, Raymore D. (See Raney, C. R., MacDonald, and Hilblom.)
MacDonald, Robert A., Greenwich, Conn., assignor to Russell Burdsall & Ward Bolt & Nut Company, Port Chester, N. Y. Tap and method of use in making lock nuts. 2,179,157; Nov. 7.
MacDonald, Sadie, Los Angeles, Calif. Face lifting device. 2,184,099; Dec. 19.
Macdonald, Waldron S., assignor to The Foxboro Company, Foxboro, Mass. Control apparatus. 2,169,977; Aug. 15.
Macdonald, Waldron S., assignor to The Foxboro Company, Foxboro, Mass. Measuring and recording instrument. 2,184,620; Dec. 26.
MacDonald, William A., Little Neck, N. Y., assignor to Hazeltine Corporation. Tuning and selectivity control. 2,148,633; Feb. 28.
Macdonald, William F., assignor to Bridgeport Thermostat Company, Inc., Bridgeport, Conn. Thermostatic construction. 2,168,999; Aug. 8.
MacDonnell, James A., assignor to Springfield Tablet Manufacturing Company, Springfield, Mo. Hanger for coiled wire bound tablets. 2,181,662; Nov. 28.
MacDougall, Bon G., assignor to R. T. Moloney, Chicago, Ill. Indicator for ball-rolling games. 2,170,566; Aug. 22.
MacDougall, Robert. (See Prince, E. S., MacDougall, and Brotheridge.)
MacDuff, Stanley I., assignor to Republic Flow Meters Company, Chicago, Ill. Recording instrument. 2,146,378; Feb. 7.
Mace, Albert E. (See Dillon, R. E., and Mace.)
Mace, Arthur T., assignor to The Radiart Corporation, East Cleveland, Ohio. Pump. 2,144,411; Jan. 17.
Mace, Arthur T., East Cleveland, assignor to The Radiart Corporation, Cleveland, Ohio. Antenna. 2,163,465; June 20.
Mace, Arthur T., East Cleveland, assignor to The Radiart Corporation, Cleveland, Ohio. Aerial and the like. 2,179,415; Nov. 7.
Mace, Arthur T., East Cleveland, assignor to The Radiart Corporation, Cleveland, Ohio. Antirattling means for telescopically extensible members. 2,179,472; Nov. 7.
MacFadden, Glenn E., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric lighting fixture. 2,146,637; Feb. 7.
MacFadden, Glenn E., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Electric lighting fixture. 2,162,626; June 13.
MacFadden, Wilford C., Philadelphia, Pa., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Mounting bracket. 2,144,885; Jan. 24.
Macfarlane, George T., Northwood, Middlesex, assignor to The General Electric Company, Limited, London, England. Controlling apparatus for winches. 2,152,555; Mar. 28.

Macfarlane, George T., Northwood, assignor of one-half to The General Electric Company Limited, London, England. Winch gear for hauling, cargo working, and like purposes. 2,153,469; Apr. 4.
MacFarlane, Raymond S., South Chicago, Ill. Electric control system. 2,158,135; May 16.
MacFarlane, Raymond S., South Chicago, Ill. Electric power system. 2,158,136; May 16.
MacFarlane, Robert, Astoria, Long Island, N. Y., and R. McCormack, Kearny, N. J. Continuous base receptacle. 2,146,829; Feb. 14.
MacGregor, Alpine R., Forest Hills, Pa. Alloy. 2,162,627 June 13.
Macgregor, Joseph, Whitley Bay, England. Ship's hatch cover. 2,149,684; Mar. 7.
MacGregor, Laurence B., Long Beach, Calif. Plug. 2,182,483; Dec. 5.
MacGregor, Peter G., Pequannock, assignor to Pyrene Manufacturing Company, Newark, N. J. Fire extinguisher. 2,159,168; May 23.
MacGregor, Robert, Port-Glasgow, Scotland. Liquid brake and carrier for ships' rudders. 2,162,917; June 20.
MacGregor, Wallace F., assignor to J. I. Case Company, Racine, Wis. Combination harvester thresher. 2,155,671; Apr. 25.
Machado, Anthony B., Alameda, Calif., assignor to Marchant Calculating Machine Company. Calculating machine. 2,152,199; Mar. 28.
MacHarg, John B., Appleton, Wis., assignor to Eastman Kodak Company, Rochester, N. Y. Lantern slide. 2,153,149; Apr. 4.
Machat, Bertram B., Brooklyn, N. Y. Tooth extracting implement. 2,172,478; Sept. 12.
MacHaynes, Raymond, Bethpage, N. Y. Automatic cutting and slicing machine. 2,161,480; June 6.
Machen, Clifford. (See Hardy, R. D., Machen, and Aram.)
Machinenfabrik Augsburg-Nurnberg, A. G. (See Schmitt, Erich, assignor.)
Machinist, Harold, New York, N. Y., assignor to Dudley Lock Corporation, Chicago, Ill. Cylinder lock. 2,155,726; Apr. 25.
Machler, Raymond C., assignor to Leeds & Northrup Company, Philadelphia, Pa. Standard for optical pyrometry. 2,176,087; Oct. 17.
Machlet, Adolph W., Elizabeth, N. J. Hardening process for high speed steel tools and other articles. 2,142,139; Jan. 3.
Machlet, Adolph W., Elizabeth, N. J. Needle point burner. 2,143,128; Jan. 10.
Machlett Laboratories Incorporated. (See Machlett, Raymond R., assignor.)
Machlett, Raymond R., Riverside, assignor to Machlett Laboratories Incorporated, Springdale, Conn. X-ray apparatus. 2,164,997; July 4.
MacIldowie, John C., Nashua, N. H., assignor to Johns-Manville Corporation, New York, N. Y. Article of manufacture. 2,168,445; Aug. 8.
MacIntire, Walter H., Knoxville, Tenn., assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Obtaining a mixture of magnesium oxide and calcium carbonate from dolomite. 2,155,139; Apr. 18.
Mack, Alfred, and M. W. Mack, Framingham, Mass. Emergency lighting kit. 2,165,562; July 11.
Mack, Edward L. (See Morse, E. H., Johnston, and Mack.)
Mack, Edward L., Douglaston, N. Y., and E. H. Morse, Nutley, N. J., assignors to Reynolds Research Corporation, New York, N. Y. Forming films and film coatings. 2,175,125; Oct. 3.
Mack, Harry C., assignor of one-half to F. C. Wiegand, St. Paul, Minn. Packing mold. 2,178,209; Oct. 31.
Mack, Herbert H. (See Dodge, G. A., Meinholdt, and Mack.)
Mack Manufacturing Corporation. (See Loeffler, Bruno, assignor.)
Mack Manufacturing Corporation. (See Matthews, Philip E., assignor.)
Mack, Mary W. (See Mack, Alfred and M. W.)
Mack Molding Company. (See Trecartin, John S., assignor.)
Mack, Wayne E., Martins Ferry, Ohio, assignor to The Consolidated Expanded Metal Companies, Wheeling, W. Va. Merchandise holder. 2,144,073; Jan. 17.
Mack, William J., Buffalo, N. Y. Paring knife. 2,164,117; June 27.
MacKay, John R. (See Wallace, C. F., and MacKay.)
MacKay, John R., West Caldwell, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Communicating system. 2,165,062; July 4.
MacKay, John R., West Caldwell, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Communicating system. 2,165,063; July 4.
MacKay, John R., West Caldwell, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Supervision of radio signaling system. 2,165,064; July 4.
MacKay, John R., West Caldwell, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Electric motor apparatus. 2,181,842; Nov. 28.
Mackay Radio and Telegraph Company. (See Alford, Andrew, assignor.)
Mackay Radio & Telegraph Company. (See Pratt, Haraden, assignor.)
Mackay Radio & Telegraph Company. (See Royden, George T., assignor.)
Mackenzie, Andrew A., Passaic, N. J. Cutting and hemming and stitching apparatus. 2,180,424; Nov. 21.
Mackenzie, Donald, and J. E. Hoffoss, assignors to Reed Roller Bit Company, Houston, Tex. Core catcher. 2,161,582; June 6.
Mackenzie, Dorothy E., Brooklyn, N. Y. Container. 2,181,569; Nov. 28.
Mackenzie, Franklin H., Bywood, assignor to American Chemical Paint Company, Ambler, Pa. Cleaning wool. 2,183,142; Dec. 12.
MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Work support. 2,147,744; Feb. 21.
MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Coating apparatus. 2,162,781; June 20.
MacKenzie, Wilbur L., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-coating machine. 2,171,731; Sept. 5.
MacKenzie, Wilbur L., Beverly, and E. S. Nokes, Lynn, Mass., assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Coating apparatus. 2,177,666; Oct. 31.
Mackey, Alexander S., Clearview, Ontario, Canada. Container structure. 2,149,060; Feb. 28.
Mackey, Alexander S., Clearview, Ontario, Canada. Device for dispensing ice cream. 2,168,737; Aug. 8.
Mackey, Alexander S., Clearview, Ontario, Canada, assignor, by mesne assignments, to A. E. Staley Manufacturing Company, Decatur, Ill. Container structure. Re. 21,310; Dec. 26.
Mackie, Paul L., Westfield, Mass. Flowerpot cover. 2,171,835; Sept. 5.
Mackie, Richard S., Cleveland Heights, Ohio, assignor to General Electric Company. Flash lamp. 2,178,430; Oct. 31.
Mackin, Henry J., Kankakee, Ill. Building unit. 2,154,520; Apr. 18.
Mackin, James F., Chicago, Ill. Hatch cover. 2,184,676; Dec. 26.
MacKinnon, Neil, Newark, N. J. Vehicle bumper. 2,147,745; Feb. 21.
MacKinnon, Russell H., Evanston, Ill. Line-service rack. 2,175,778; Oct. 10.
Mackintosh-Hemphill Company. (See Duda, Wentzel R., assignor.)
Mackintosh William B., Anderson, Ind. assignor by mesne assignments, to The Fulton Sylphon Company, Knoxville, Tenn. Temperature regulator. 2,173,059; Sept. 12.
Macklanburg, Louis A., Oklahoma City, Okla. Weather strip assembly. 2,182,207; Dec. 5.
Mackley, Alfred H., Bedford, England. Web renewing. 2,167,810; Aug. 1.
Macklin, Donald J. (See Bachmann, B. B., Fogg, and Macklin.)
Macklin, Justin W., Lakewood, Ohio, assignor, by mesne assignments, to Thermo-Plastics, Incorporated, St. Clair, Mich. Extrusion mold. 2,156,396; May 2.
MacKnight, Harry A., Cranston, assignor to Winsor & Jerauld Manufacturing Company, Providence, R. I. Tenter clip. 2,178,892; Nov. 7.
Macksoud, Michel E., St. Albans, assignor to Macksoud Patents, Inc., New York, N. Y. Electron discharge device. 2,157,552; May 9.
Macksoud, Michel E., Gloucester, Mass., assignor to Birdseye Electric Company. Apparatus for applying mirror surfaces to the interior of lamp bulbs. 2,164,332; July 4.
Macksoud, Michel E., St. Albans, assignor to Macksoud Patents, Inc., New York, N. Y. Electric lamp. 2,171,580; Sept. 5.
Macksoud Patents, Inc. (See Macksoud, Michel E., assignor.)
MacLagan, Allan R. (See Schuyler, A. L., and MacLagen.)
MacLagan, Allan R., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Forming sheet metal coin collector housings. 2,150,384; Mar. 14.
MacLagan, Allan R., Western Springs, and F. F. Schuster, Berwyn, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Forming metal portions of coin collector housings. 2,150,383; Mar. 14.
MacLaren, Donald. (See Hilson, A. R. J., and Söhner, assignors.)
MacLaren, Fred B., Jr., assignor to The Bristol Company, Waterbury, Conn. Electronic control system for self-balancing measuring instruments. 2,153,986; Apr. 11.
MacLaren, Frederick H., Calumet City, assignor to Standard Oil Company, Chicago, Ill. Wax. 2,159,218; May 23.
MacLaren, Frederick H., Calumet City, assignor to Standard Oil Company, Chicago, Ill. Diesel fuel. 2,177,732; Oct. 31.
MacLaren, Frederick H., Calumet City, Ill., and E. W. Adams, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Wax composition. 2,185,031; Dec. 26.
MacLean, Allen D., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Gas pressure regulator. 2,147,850; Feb. 21.
MacLean, Ethel W., Bayside, Long Island, N. Y., assignor to Brown Company, Berlin, N. H. Shoe counter. 2,152,354; Mar. 28.

MacLean, Gordon, Flushing, assignor to The Turbo-Mixer Corporation, New York, N. Y. Mixing or dissolving apparatus, etc. 2,159,856; May 23.
MacLean, John A. (See Kirgan, J., MacLean, and Woodard.)
MacLean, John A., Hampton, assignor to Ingersoll-Rand Company, Jersey City, N. J. Thermocompressor. 2,142,520; Jan. 3.
MacLean, John A., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Refrigerating apparatus. 2,178,398; Oct. 31.
Maclean, Neil A. (See Richert, Paul H., assignor.)
Maclean, Robert S., and C. W. Pollard, assignors to Mastic Asphalt Corporation, Michigan City, Ind. Apparatus for weatherproofing composition board. 2,163,757; June 27.
MacLennan, William C. (See Klingel, H., and MacLennan.)
Macleod, Cameron, et al., trustees. (See Dahl, Edward T., assignor.)
Macleod, Eldon, et al., trustees. (See Dahl, Edward T., assignor.)
MacLeod, John F. (See Douglass, Daniel F., assignor.)
MacLeod, Lester R., Ardsley, assignor to Anaconda Wire & Cable Company, New York, N. Y. Apparatus for handling coiled wire and rod. 2,149,851; Mar. 7.
MacMahon, James D., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Stable calcium hypochlorite composition. 2,166,362; July 18.
MacMahon, James D., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Stable calcium hypochlorite composition. 2,166,363; July 18.
Macmar Corporation. (See McKee, R. H., and Martin, assignors.)
MacMaster, Frank D., assignor to C. V. Hill & Co., Inc., Trenton, N. J. Display case. 2,169,347; Aug. 15.
MacMicking, William P., St. Paul, Minn. Direction indicator for vehicles. 2,152,355; Mar. 28.
Macmillan, Campbell, Scotia, N. Y., assignor to General Electric Company. High power factor induction motor. 2,159,768; May 23.
MacMillan, Charles W., Detroit, assignor to Hinckley-Myers Company, Jackson, Mich. Sighting device for headlight testing apparatus. 2,149,302; Mar. 7.
MacMillin, Howard F., Mount Gilead, Ohio, assignor to The Hydraulic Press Corporation, Inc., Wilmington, Del. Press with compound ram. 2,143,112; Jan. 10.
MacMullen, Clinton W. (See Bruson, H. A., and MacMullen.)
MacMullen, Clinton W., assignor to Röhm & Haas Company, Philadelphia, Pa. Preparing ammonium salts of sulphated primary alcohols. 2,150,557; Mar. 14.
MacMurray, Orrin, assignor to B. F. Gladding & Co. Inc., South Otselic, N. Y. Bobbin carrier for braiding machines. 2,147,493; Feb. 14.
Macnabb, Vernon C., Indianapolis, Ind., assignor to Fairbanks, Morse & Co., Chicago, Ill. Sound reproducing apparatus. 2,171,940; Sept. 5.
Macnair, Archibald L. (See Barrett, A. M., Macnair, and Ericson.)
MacNeill, John B., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,150,584; Mar. 14.
MacNeill, John B., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,157,714; May 9.
MacNeill, John B., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,163,558; June 20.
MacNeill, John B., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,163,559; June 20.
MacNeill, John B., Wilkinsburg, and J. W. May, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Latching mechanism. 2,144,502; Jan. 17.
MacNutt, Arthur D., Kenmore, assignor to Certain-Teed Products Corporation, New York, N. Y. Covering material. 2,170,534; Aug. 22.
Macomber, Clarence H., administrator. (See Bass, S. L., and Van Duzee.)
Macomber, Clarence H., administrator. (See Van Duzee, Edward M.)
Macomber, Harry P. (See Priest, D. E., and Macomber.)
MacPherson, Duncan J., South Lancaster, Ontario, Canada. Carburetor. 2,145,312; Jan. 31.
Macrae, James N., Rutherford, N. J. Burner. 2,156,121; Apr. 25.
MacRae, William L., assignor to Dalrae Tools Company, Syracuse, N. Y. Position indicator for machine tools 2,153,424; Apr. 4.
MacRill, John R., Whittier, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Method of and means for treating citrus fruits. 2,150,283; Mar. 14.
MacRill, John R., Whittier, and R. D. Nedvidek, Pomona, assignors to California Fruit Growers Exchange, Los Angeles, Calif. Washing and conditioning material for citrus fruit. 2,150,284; Mar. 14.
MacRobert, Harold B., Florence, Ontario, assignor of one-half to R. L. MacRobert, Toronto, Ontario, Canada. Windshield wiper. 2,164,829; July 4.
MacRobert, Roscoe L. (See MacRobert, Harold B., assignor.)
MacTwiggan, Thomas, New York, N. Y. Bus socket. 2,151,433; Mar. 21.

MacWhyte Company. (See Garris, Joseph M., assignor.)
Macwhyte Company. (See Kinder, Halsey G., assignor.)
Macwhyte Company. (See Ost, E. W., and Sawyer, assignors.)
Macwhyte Company. (See Russell, William C., assignor.)
Macy, Barnett W., Jacksonville, Fla. Trap fishhook. 2,177,902; Oct. 31.
Maczko, Frank, Chicago, Ill. Oil or gas heating radiator. 2,167,406; July 25.
Madan, Edward K., Maplewood, N. J. Dial. 2,159,095; May 23.
Madden, Frank, Earlville, Ill. Rake attachment for cultivators. 2,171,451; Aug. 29.
Madden, Frank, Earlville, Ill. Steering gear for tractors. 2,175,965; Oct. 10.
Madden, Frank E., Oakland, Calif. Movable suspension frame. 2,181,406; Nov. 28.
Madden, Harry E., Norwood, Pa. Fuel consumption measuring apparatus. 2,162,093; June 13.
Madden, James P., Bethlehem, Pa., assignor to Bethlehem Steel Company. Tension controlling device. 2,143,200; Jan. 10.
Madden, Louis J., Syracuse, assignor to Oswego Falls Corporation, Fulton, N. Y. Container closure applying machine. 2,177,990; Oct. 31.
Madden, Louis J., Syracuse, and F. Truman, Cortland, assignors to Newton Line Company, Inc., Homer, N. Y. Splicing strands into braided line. 2,177,777; Oct. 31.
Madden, Richard H. (See Greene, H. L., and Madden.)
Madden, William J., Lansdowne, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Air conditioning apparatus for passenger cars. 2,150,449; Mar. 14.
Madden, William J., Lansdowne, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa., System of air distribution. 2,159,219; May 23.
Madden, William J., Lansdowne, assignor to The Pennsylvania Railroad Company, Philadelphia, Pa. Thermostatically controlled heating system for railway cars. 2,181,436;; Nov. 28.
Maddock, John, and Sons Limited. (See Maddock, William E., assignor.)
Maddock, Robert H., Lakewood, assignor to The Midland Steel Products Company, Cleveland, Ohio. Automobile frame and structural member. 2,177,991; Oct. 31.
Maddock, Thomas, Phoenix, Ariz. Structure. 2,152,896; Apr. 4.
Maddock, William E., Wolstanton, Stoke-on-Trent, assignor to John Maddock and Sons Limited, Burslem, Stoke-on-Trent, Staffordshire, England. Supporting pottery and other goods during firing processes. 2,146,585; Feb. 7.
Madeira, John R., assignor to Goodman Manufacturing Company, Chicago, Ill. Belt conveyer. 2,147,908; Feb. 21.
Mader, Otto, Dessau-Ziebigk, assignor to Junkers Flugzeug- und Motorenwerke Aktiengesellschaft, Dessau, Germany. Internal combustion engine. 2,168,131; Aug. 1.
Madigan, John F., assignor of one-third to M. Stans, and one-third to F. R. Beane, Chicago, Ill. Sand valve for motor vehicles. 2,182,969; Dec. 12.
Madill Alfred L., Vancouver, British Columbia, Canada. Tamping plug. 2,170,929; Aug. 29.
Madison, Jennie M., executrix. (See Madison, John O.)
Madison, John O., deceased, Kings County, N. Y., by J. M. Madison, executrix, Brooklyn, assignor to The Symington-Gould Corporation, Rochester, N. Y. Journal box. 2,159,996; May 30.
Madison-Kipp Corporation. (See Korsmo, Torbjorn C., assignor.)
Madison-Kipp Corporation. (See Schultz, Raymond J., assignor.)
Madison, Louis, New York, N. Y. Collar clasp. 2,162,959; June 20.
Madison, Martin J., Philadelphia, Pa. Electric switch. 2,155,727; Apr. 25.
Madison Products Company, The. (See Zumft, George, assignor.)
Madland, Gabriel, Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Locking, opening, and closing device. 2,158,336; May 16.
Madland, Gabriel, Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Opening and closing device. 2,177,325; Oct. 24.
Madland, Gabriel and T., Chicago, Ill., assignors to The Youngstown Steel Door Company, Cleveland, Ohio. Railway car door and side frame construction. 2,154,951; Apr. 18.
Madland, Thorvald. (See Madland, Gabriel and T., assignors.)
Madland, Thorvald. (See Tobin, K. J., and Madland.)
Madlé, Alain, Bristol, Conn., assignor, by mesne assignments, to M. S. Reisman, New York, N. Y. Variable speed power transmission control. 2,157,065; May 2.
Madlé, Alain, Bristol, Conn., assignor, by mesne assignments, to M. S. Reisman, New York, N. Y. Power transmission mechanism. 2,157,066; May 2.
Madlé, Alain, Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Power transmission control. 2,157,267; May 9.
Madle, Alain, assignor to Graham Transmissions Inc., Milwaukee, Wis. Variable speed transmission. 2,178,399; Oct. 31.

Madore, Arthur H., Los Angeles, Calif. Magnet clip. 2,152,897; Apr. 4.
Madore, Arthur H., San Leandro, Calif. Hair cutting and shaping implement. 2,152,898; Apr. 4.
Madore, Arthur H., Los Angeles, Calif. Hair dressing comb. 2,164,073; June 27.
Madorsky, Samuel L., Washington, D. C. Producing electrolytic magnesium. 2,165,284; July 11.
Madsen, Dora, San Francisco, Calif. Pad receptacle. 2,149,612; Mar. 7.
Madsen, Jens A. W., Sioux City, Iowa. Blade cutter. 2,154,211; Apr. 11.
Madsen, Sern. (See Beil, F. F., and Madsen.)
Madsen, Sern, assignor to Curtis Companies Incorporated, Clinton, Iowa. Window sash lock. 2,151,219; Mar. 21.
Madsen, Sern, assignor to Curtis Companies Incorporated, Clinton, Iowa. Table top construction. 2,158,467; May 16.
Madson, Willard H., Linthicum Heights, Md., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Titanium pigment and producing the same. 2,166,257; July 18.
Maede, Leland S., Brooklyn, N. Y. Coffee mill. 2,182,131; Dec. 5.
Maekawa, Koichiro, assignor to Tokyo Shibaura Denki Kabushiki Kaisha, Tokyo, Japan. Parallel electric power transmission system. 2,182,297; Dec. 5.
Maeser, Mieth, Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Presser member for clicking machines. 2,181,903; Dec. 5.
Maess, Frank G., Tonawanda, N. Y. Shingle staining machine. 2,151,608; Mar. 21.
Mafera, Guy, Revere, Mass. Aligner. 2,147,909; Feb. 21.
Mafera, Guy, Revere, Mass. Aligner. 2,164,615; July 4.
Mafera, Guy, Revere, Mass. Aligner. 2,170,690; Aug. 22.
Maga, John, Ecorse, Mich. Handle. 2,175,632; Oct. 10.
Magaril, Irving, Brooklyn, N. Y. Mattress. 2,154,910; Apr. 18.
Magazine Repeating Razor Company. (See Humphrey, Willard D., assignor.)
Magazine Repeating Razor Company. (See Rodrigues, Octavius V., assignor.)
Magee, Carl C. (See McGay, J. B., Nicholson, and Magee.)
Magee Carpet Company. (See Penman, Montgomery B., assignor.)
Magee, James M., et al. (See Carney, Daniel E., assignor.)
Magee, James, and L. G. Jain, Genesee, Idaho. Straw spreader. 2,160,275; May 30.
Magee, Walter V., Lakewood, and L. L. Miller, Cleveland, Ohio, assignors to The American Steel and Wire Company. Universal coupling. 2,153,093; Apr. 4.
Mageoch, Harry Y. (See Graham, H. J., and Mageoch.)
Mageoch, Harry Y., assignor to Electric Service Supplies Company, Philadelphia, Pa. Automatic station indicator. 2,171,857; Sept. 5.
Maggenti, Albert L., San Francisco, Calif. Tap mounting and closure means for barrels and like containers. 2,145,121; Jan. 24.
Magic Automatic Loom Co. (See Pedrazzo, Emil R., assignor.)
Magill, Paul L., Ransomville, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vapor phase bleaching. 2,155,728; Apr. 25.
Magill, Paul L., Ransomville, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricating compostion and making same. 2,176,632; Oct. 17.
Magill, Paul L., Ransomville, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricating composition and making same. 2,176,633; Oct. 17.
Magill-Weinsheimer Company. (See Rasmussen, Frank H., assignor.)
Magill-Weinsheimer Company. (See Smith, Jack F., assignor.)
Maglott, George F., Wrentham, Mass., assignor to Brown & Sharpe Manufacturing Company. Gear pump. 2,159,744; May 23.
Maglott, George F., Wrentham, Mass., assignor to Brown and Sharpe Manufacturing Company. Grinding machine. 2,163,246; June 20.
Maglott, George F., Wrentham, Mass., assignor to Brown and Sharpe Manufacturing Company. Fluid pressure driving and reversing mechanisms. 2,172,981; Sept. 12.
Magnaflux Corporation. (See de Forest, A. V., and Doane, assignors.)
Magnam, Arthur U. (See Bunker, Frank S., assignor.)
Magnan, Arthur U., Los Angeles, Calif. Sign plate and making same. 2,149,613; Mar. 7.
Magnano Corporation. (See Magnano, S., and Abbott, assignors.)
Magnano, Everino, Durham, Conn. Screw driver. 2,182,673; Dec. 5.
Magnano, Sebastiano, Andover, Mass., and W. G. Abbott, Jr., Milford, N. H., assignors to Magnano Corporation, Lawrence, Mass. Textile apparatus. 2,166,843; July 18.
Magnavox Company, The. (See Dreisbach, Robert H., assignor.)
Magner, Richard. (See Pulfrich, H., and Magner.)
Magnesium Development Corporation. (See Balz, Philipp, assignor.)
Magnesium Development Corporation. (See Lang, Hermann, assignor.)
Magnesium Development Corporation. (See Lang, H., Suchy, and Seliger, assignors.)
Magnesium Development Corporation. (See Michel, Joseph M., assignor.)
Magnesium Development Corporation. (See Meyer, Oskar, assignor.)
Magnesium Development Corporation. (See Seliger, H., and Bretschneider, assignors.)
Magnesium Development Corporation. (See Seliger, H., Bretschneider, Hubald, Krüger, and Truglitzka, assignors.)
Magnesium Development Corporation. (See Söll, Julius, assignor.)
Magnesium Development Corporation. (See Tosterud, Martin, assignor.)
Magnesium Development Corporation. (See Wienert, Fritz, assignor.)
Magnesium Products, Inc. (See Kemmer, Frank R., assignor.)
Magnetic Analysis Corporation. (See Archibald, Arnold A., assignor.)
Magnetic Analysis Corporation. (See Hana, Thomas C., assignor.)
Magnetic Analysis Corporation. (See Zuschlag, Theodor, assignor.)
Magnetic Pigment Company. (See Fireman, Peter, assignor.)
Magnet-O-Signs Corporation. (See Hale, G., and Scott, assignors.)
Magnus Automatic Machine Company, The. (See Magnuson, John J., assignor.)
Magnus, John L., Washington, D. C. Aquarium conditioner. 2,172,799; Sept. 12.
Magnuson, John H., assignor to A. T. Levy, Harrisville, R. I. Prefabricated building. 2,150,804; Mar. 14.
Magnuson, John J., assignor to The Magnus Automatic Machine Company, Incorporated, Waynesboro, Pa. Burnishing brush control for shoe polishing machines. 2,146,639; Feb. 7.
Magnuson, John J., assignor to The Magnus Automatic Machine Company, Incorporated, Waynesboro, Pa. Shoe polishing machine. 2,150,837; Mar. 14.
Magnuson, Roy M., assignor to Food Machinery Corporation, San Jose, Calif. Pressure regulator. 2,174,797; Oct. 3.
Magnuson, Roy M., assignor to Food Machinery Corporation, San Jose, Calif. Pressure regulator. 2,183,889; Dec. 19.
Magnusson, Johan E. (See Ehrlund, C. R., and Magnusson.)
Magnusson, Knut J. (See Bedford, A. V., and Magnusson.)
Magovern, John N., Agawam, Mass. Plant marker. 2,181,977; Dec. 5.
Magrath, George H., assignor to The Whitin Machine Works, Whitinsville, Mass. Spinning spindle. 2,169,587; Aug. 15.
Magrid, Charles, Johannesburg, Union of South Africa. Window for motor and other vehicle doors. 2,146,638; Feb. 7.
Magruder, Gilbert A. (See Andres, L. J., and Magruder.)
Magruder, John O., Los Angeles, Calif. Machine for clearing out pipe. 2,183,618; Dec. 19.
Magruder, Walter D., and G. L. Ecrement, Canton, Ohio. Brick container. 2,163,097; June 20.
Magrum, Gervase M. (See Peo, R. F., and Magrum.)
Maguire, Emma L., and E. S. Tracy, Jr., St. Louis, Mo. Mattress holder. 2,147,538; Feb. 14.
Maguire, Forrest R., Maywood, assignor of one-half to R. H. Crisler, Los Angeles, Calif. Roller skate. 2,174,990; Oct. 3.
Maguire, Irwin L., Elwood, Victoria, Australia. Television system. 2,166,313; July 18.
Maguire, Irwin L., Elwood, Victoria, Australia. Controlling the signal frequencies in television systems. 2,169,654; Aug. 15.
Magyar, Louis, assignor to Modern Collet & Machine Company, Ecorse, Mich. Machine gear shifting means for machine tools. 2,172,940; Sept. 12.
Maha, Otto J. (See Peterson, V. W., and Maha.)
Mahaffey, Minnie K., Memphis, Tenn. Tent pole. 2,148,949; Feb. 28.
Mahaffy, Arthur M., Toronto, Ontario, Canada. Detonator for Christmas crackers and the like. 2,149,852; Mar. 7.
Mahan, James S., Chicago, Ill. Receptacle holder. 2,180,598; Nov. 21.
Mahan, Joseph R., Toledo, Ohio, assignor to The National Supply Company, Pittsburgh, Pa. Lubricating system. 2,164,294; June 27.
Mahawash, Joseph, Keansburg, N. J. Game of skill. 2,165,145; July 4.
Maher, James M., assignor of one-half of one per cent to G. J. Reeson, ten per cent to A. R. Daly, fourteen per cent to C. E. Berhenke, and twenty four per cent to J. F. Mundy, Fremont, Nebr. Method of and apparatus for providing filtered water for power purposes and the like. 2,152,619; Mar. 28.

Maher, Laurence C., Asbury Park, N. J. Vaporized fuel heater for gas engines. 2,169,564; Aug. 15.
Maher, William A., Maywood, assignor to Crowe Name Plate & Manufacturing Co., Chicago, Ill. Glass perforating. 2,168,650; Aug. 8.
Mahlck, Gustave, East Orange, N. J. Producing grooves or channels in dielectric materials. 2,156,156; Apr. 25.
Mahler, Hattie. (See Mahler, Max, assignor.)
Mahler, Max, assignor to H. Mahler, trading as "Harry's Tire Shop," Newark, N. J. Method of and apparatus for cooling vulcanizing molds. 2,173,588; Sept. 19.
Mahler, Robert, New York, N. Y. Automatic feed water valve for boilers. Re. 21,140; July 4.
Mahler, William, assignor to U. S. Slicing Machine Company, La Porte, Ind. Knife sharpening crank. 2,150,585; Mar. 14.
Mahlke, Wilhelm, Vienna, Austria. Elevator door lock. 2,153,765; Apr. 11.
Mahloch, William, Chicago, Ill. Repairman's creeper. 2,154,952; Apr. 18.
Mahnke, Kurt. (See Schaelchlin, W., and Mahnke.)
Mahnken, Werner, Blankenfelde, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Tuning indicator for radio receivers. 2,171,129; Aug. 29.
Mahone, Thomas W., assignor to The Central Carton Company, Cincinnati, Ohio. Carton. 2,162,094; June 13.
Mahoney, Harry P., and J. Wicks, Oak Park, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,171,661; Sept. 5.
Mahoney, William E., Pawtucket, R. I., assignor to Premier Thread Company. Means and method of treating strands. 2,156,244; Apr. 25.
Mahoning Mining Company. (See Clemmer, J. B., and Anderson, assignors.)
Mahurin, Vinton, Novinger, Mo. Planter. 2,171,037; Aug. 29.
Maiben, Charles H., Logansport, Ind. Togging machine. 2,160,552; May 30.
Maidens, William T., Columbus, Ohio, assignor to American Zinc, Lead & Smelting Company, St. Louis, Mo. Making zinc oxide. 2,150,072; Mar. 7.
Maiellano, Frank, Winthrop, Mass., assignor, by mesne assignments, to Sbicca Method Shoes, Inc., Philadelphia, Pa. Making shoes. 2,149,701; Mar. 7.
Maier, August R., assignor to Oil Well Supply Company, Dallas, Tex. Pumping apparatus. 2,153,094; Apr. 4.
Maier-Bode, Hans, K. Brodersen, and H. Behncke, Dessau in Anhalt, Germany, assignors to Winthrop Chemical Company, New York, N. Y. Lure for combating rodents. 2,155,949; Apr. 25.
Maier, Charles G., Oakland, Calif., assignor to Great Western Electro-Chemical Company. Reducing chromium compounds. 2,142,694; Jan. 3.
Maier, Friedrich E., Berlin-Charlottenburg, Germany. Car body for automobiles. 2,148,950; Feb. 28.
Maier, Friedrich E., Berlin-Charlottenburg, Germany. Longitudinal spring for telescopic tubular guides. 2,171,185; Aug. 29.
Maier, Walter, Jessnitz in Anhalt, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of thiazolidine derivatives. 2,148,909; Feb. 28.
Maier, William, St. Louis, Mo. Cutting mechanism. 2,142,448; Jan. 3.
Maigre, Fred, et al. (See Delano, Frank, assignor.)
Maillard, Jean. (See Delavenna, L., and Maillard.)
Maimin, H., Company. (See Bangser, William, assignor.)
Main Belting Company. (See Berry, Jack T., assignor.)
Main Belting Company. (See Tobey, Walter H., assignor.)
Main, David W., Detroit, Mich. assignor to Transportation Systems, Inc. Combined road and rail vehicle and track system therefor. 2,162,351; June 13.
Main, Frank L., Birmingham, and C. A. Sawtelle, assignors to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,149,614; Mar. 7.
Main, Frank L., Birmingham, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,151,557; Mar. 21.
Main, Frank L., Birmingham, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,155,672; Apr. 25.
Main, Frank L., Birmingham, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,161,899; June 13.
Main, Frank L., Birmingham, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,161,900; June 13.
Main, Frank L., Birmingham, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake construction. 2,164,878; July 4.
Main, Frank L., Birmingham, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,181,022; Nov. 21.
Mainardi, Andrew, et al. (See Ferranti, Elmer, assignor.)
Maine Steel, Inc. (See Soule, G. C., and Henry, assignors.)
Mainieri, Anthony, Cliffside, assignor to General Woodcraft Co., Inc., North Bergen, N. J. Miter joint. 2,155,729; Apr. 25.
Mains, Floyd F., Jerseyville, Ill. Stabilizer. 2,155,320; Apr. 18.
Mains, Martin F., Northport, N. Y. Storm sash fastener. 2,142,907; Jan. 3.
Mainzer, Jack D., assignor, by mesne assignments, to Channel Sales Corporation, New York, N. Y. Bottle seal opening device. 2,142,695; Jan. 3.
Mainzer, Walter, Stuttgart, Germany. Filling nozzle for fuel tanks. 2,170,722; Aug. 22.
Maisch, Gustave F. (See Walker, F. A., and Maisch.)
Maisch, Wilhelm, assignor to Ernst Leitz, G. m. b. H., Wetzler, Germany. Microscope. 2,146,506; Feb. 17.
Maisch, Wilhelm O., Stuttgart, assignor to the firm Hermann Frenkel, Molkau, near Leipzig, Germany. Producing resistant varnish coatings on wood. 2,174,132; Sept. 26.
Maiser, Georg. (See Goldacker, P., Maiser, and Schmitz-Hillebrecht.)
Maiser, Georg L., Dessau, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Photographic treating bath. 2,155,501; Apr. 25.
Maister, Alexander, et al. (See McDonnell, George A., assignor.)
Maiuri, Guido, London, England. Diffusion refrigerating machine. 2,153,020; Apr. 4.
Maiuri, Guido, London, England. Production of liquid air, and the production of oxygen therefrom, and the liquefaction and separation of other gases. 2,160,077; May 30.
Majer, Christian, Tubingen-on-the-Neckar, Germany. Tube making machine. 2,154,953; Apr. 18.
Majerus, P. J., et al. (See Stortz, Anton J., assignor.)
Majestic Metal Specialties, Inc. (See Kasdan, N., and Landwehr, assignors.)
Majewski, Joseph M., Jr. (See Rupert, R., and Majewski.)
Majewski, Joseph M., Jr., assignor to F. L. Talge, doing business as Rival Manufacturing Company, Kansas City, Mo. Fruit juice extractor. 2,142,975; Jan. 3.
Major, Charles W., assignor to E. M. Major, Ocean Grove, N. J., and E. Bogart, Valatie, N. Y. Rotary file. 2,184,508; Dec. 26.
Major, Elbert S., et al. (See Major, Forrest J., assignor.)
Major, Eugenia M., et al. (See Major, Charles W., assignor.)
Major, Forrest J., Ocean Park, assignor of one-third to P. O. Narveson, one-third to R. S. Major, Los Angeles, Calif., and one-third to E. S. Major, Atlanta, Ga. Incandescent lamp. 2,150,232; Mar. 14.
Major, Randolph T., Plainfield, and J. K. Cline, Woodbridge, assignors to Merck & Co., Inc., Rahway, N. J. Salts of beta-alkylated-choline-alkyl-ethers and their production. 2,142,140; Jan. 3.
Major, Randolph T., Plainfield, N. J., and E. W. Cook, New York, N. Y., assignors to Merck & Co. Inc., Rahway, N. J. Xyloseen-1,2-Tribenzoates and producing the same. 2,157,137; May 9.
Major, Randolph T., Plainfield, and A. Walti, Westfield, assignors to Merck & Co., Inc., Rahway, N. J. Production of stabilized crystalline proteolytic enzymes. 2,162,737; June 20.
Major, Russell S., et al. (See Major, Forrest J., assignor.)
Makepeace, D. E., Co. (See Fassnacht, K., and Ballou, assignors.)
Maker, John A. and J. F., Duluth, Minn. Sport robe. 2,146,400; Feb. 7.
Maker, John F. (See Maker, John A. and J. F.)
Maki, William, St. Maries, Idaho. Vise. 2,156,186; Apr. 25.
Makins, Thomas C., assignor to Ruston & Hornsby, Limited, Lincoln, England. Filter or strainer. 2,171,004; Aug. 29.
Makofske, John J., et al. (See Werner, O., and Helenck.)
Makower, Benjamin. (See Groggins, P. H., Stearn, and Makower.)
Malaguti, Fred, Plymouth, Mass. Automobile reflector. 2,163,380; June 20.
Malah, Lillian, Chicago, Ill. Crib blanket. 2,151,434; Mar. 21.
Malat, Frank J. (See Semple, C. E., Jr., and Malat.)
Malcolm, Charles A., Meadow Bridge, assignor of one-sixth to J. H. Bowles, one-sixth to M. Walker, and one-sixth to A. C. C. Walker, Cabincreek, W. Va. Car wheel truing brake shoe. 2,161,363; June 6.
Malcolm, Roderick. (See Haffcke, Philip M., assignor.)
Malcolm, Vincent T., assignor to The Chapman Valve Mfg. Co., Indian Orchard, Mass. Metal alloy. 2,166,844; July 18.
Malcom, Robert. (See Whipple, Willis A., assignor.)
Malcom, Robert, Chicago, Ill. Face protector. 2,167,580; July 25.
Malcom, Vincent V., Mariemont, Ohio, assignor to The Philip Carey Manufacturing Company. Paving joint construction. 2,184,148; Dec. 19.
Malczewski, Jeremi, Boulogne-sur-Seine, France, assignor to Société Bronzavia, Courbevoie (Seine), France. Checking flame projection from incandescent gas discharge conduits. 2,179,894; Nov. 14.
Maldonado, Antonio I., Los Angeles, Calif. Ironing board. 2,160,884; June 6.
Malear, Herman E., Cleburne, Tex. Outlet box for a gas cock. 2,179,416; Nov. 7.
Malek, Morris S., Ridgefield, N. J. Automatic pin setting device for holding materials for sewing. 2,172,448; Sept. 12.
Malek, Morris S., Ridgefield, N. J. Device for the fabrication of neckties. 2,181,997; Dec. 5.

Maley, Justice R., and W. S. Carver, Portland, Oreg. Travel guide. 2,178,307; Oct. 31.
Maley, Martin J., Detroit, Mich., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Mirror backing and support. 2,142,321; Jan. 3.
Malhiot, Clarence J. (See Milmoe, M. J., and Malhiot.)
Malhiot, Clarence J., Oak Park, assignor to F. B. Redington Co., Chicago, Ill. Wrapping machine unit. 2,163,047; June 20.
Mali, Harry E., Chicago, and P. G. Fredrickson, Clarendon Hills, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Impulse transmitter. 2,172,212; Sept. 5.
Malina, Frank, Omaha, Nebr., assignor to Circle Motor Corporation. Piston. 2,177,574; Oct. 24.
Malinete Corporation. (See Bennett, Albert L., assignor.)
Maling, Roy, West Roxbury, Mass. Footwear. 2,150,385; Mar. 14.
Malishev, Boris, Elizabeth, N. J. Catalysts. 2,148,378; Feb. 21.
Malishev, Boris, Elizabeth, N. J. Catalysts. 2,148,634; Feb. 28.
Malkin, Bernard A., assignor to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Movable Fourdrinier suction box assembly. 2,145,226; Jan. 24.
Malkin, Bernard A., assignor to Dominion Engineering Works Limited, Lachine, Quebec, Canada. Loose-belt drive for paper making machines. 2,176,431; Oct. 17.
Mall, Arthur W., Chicago, Ill. Vibrating machine 2,148,214; Feb. 21.
Mall, Arthur W., Chicago, Ill. Mass and form vibrator. 2,148,765; Feb. 28.
Mall, Arthur W., Chicago, Ill. Track grinding machine. 2,148,766; Feb. 28.
Mall, Arthur W., Chicago, Ill. Vibrator. 2,167,987; Aug. 1.
Mall, Arthur W., Chicago, Ill. Chain saw construction. 2,184,461; Dec. 26.
Mallalieu, Frank R., Oxford, Pa. Magnetic work holder. 2,160,405; May 30.
Mallard, Archie, Represa, Calif. Apparatus for preparing concentrated tomato products. 2,148,826; Feb. 28.
Malleable Iron Range Company. (See Burrow, Herbert T., assignor.)
Malleable Steel Range Manufacturing Company. (See Klute, Samuel, assignor.)
Mallett, Hugh, Bradford, Ill. Fish lure. 2,164,415; July 4.
Malley, Joseph F., et al. (See Bierbach, Carl F., assignor.)
Mallina, Rudolph F. (See Carpenter, W. W., and Mallina.)
Mallina, Rudolph F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Call transmitter. 2,147,710; Feb. 21.
Mallinckdrodt Chemical Works. (See Alnutt, Donald B., assignor.)
Mallinckrodt Chemical Works. (See Whitmore, F. C., and Homeyer, assignors.)
Mallinckrodt Chemical Works. (See Whitmore, F. C., Jones, and Noll, assignors.)
Mallinckrodt Chemical Works. (See Whitmore, F. C., and Thorpe, assignors.)
Mallon, Felix, Long Beach, Calif. Stopcock. 2,147,851; Feb. 21.
Mallory, Bertha E., Wichita, Kans. Combined seat and cover for toilets. 2,172,581; Sept. 5.
Mallory, Edward B., Tenafly, N. J. Controlling the purification of sewage. 2,154,132; Apr. 11.
Mallory Hat Company, The. (See Wells, Burling D., assignor.)
Mallory, Marion, Detroit, Mich. Internal combustion engine. 2,154,856; Apr. 18.
Mallory, Marion, Detroit, Mich. Two-cycle internal combustion engine. 2,156,665; May 2.
Mallory, Marion, Detroit, Mich. Carburetor. 2,182,090; Dec. 5.
Mallory, Marion, Dertoit, Mich. Charging device for internal combustion engines. 2,182,091; Dec. 5.
Mallory, Marion, Detroit, Mich. Internal combustion engine. 2,184,357; Dec. 26.
Mallory, Marion, assignor to The Mallory Research Company, Detroit, Mich. Centrifugal advance mechanism. 2,167,366; July 25.
Mallory, P. R., & Co. (See Arvin, Marion J., assignor.)
Mallory, P. R., & Co. (See Blackburn, Charles M., assignor.)
Mallory, P. R., & Co. (See Booe, J. M., and Blackburn, assignors.)
Mallory, P. R., & Co. (See Brooks, K. R., and Ealy, assignors.)
Mallory, P. R., & Co. (See Doty, A. S., and Swazy, assignors.)
Mallory, P. R., & Co. (See Emmert, Kenneth L., assignor.)
Mallory, P. R., & Co. (See Fruth, Hal F., assignor.)
Mallory, P. R., & Co. (See Gwyn, Childress B., Jr., assignor.)
Mallory, P. R., & Co. (See Hall, Arthur, assignor.)
Mallory, P. R., & Co. (See Hensel, Franz R., assignor.)
Mallory, P. R., & Co. (See Hensel, F. R., and Emmert, assignors.)
Mallory, P. R., & Co. (See Hensel, F. R., and Larsen, assignors.)
Mallory, P. R., & Co. (See Hensel, F. R., and Swazy, assignors.)
Mallory, P. R., & Co. (See Hensel, F. R., Emmert, and Wiggs, assignors.)
Mallory, P. R. & Co. (See Kotterman, Chester A., assignor.)
Mallory, P. R., & Co. (See Lawrence, L. E., and Lewis, assignors.)
Mallory, P. R., & Co. (See Montgomery, James L., assignor.)
Mallory, P. R., & Co. (See Newman, Kennard, assignor.)
Mallory, P. R., & Co. (See Nulsen, M. E., and Goetz, assignors.)
Mallory, P. R., & Co. (See Nulsen, M. E., and Mitchell, assignors.)
Mallory, P. R., & Co. (See Price, William B., assignor.)
Mallory, P. R., & Co. (See Puerner, George O., assignor.)
Mallory, P. R., & Co. (See Richter, Henry G., assignor.)
Mallory, P. R., & Co. (See Schimkus, Kurt E., assignor.)
Mallory, P. R., & Co. (See Sellew, William H., assignor.)
Mallory, P. R., & Co. (See Ware, Paul, assignor.)
Mallory, P. R., & Co. (See Waters, Harry F., assignor.)
Mallory, P. R., & Co. (See Williams, Joseph S., assignor.)
Mallory Research Company, The. (See Mallory, Marion, assignor.)
Malloy, Frank J. (See Donovan, J. F., and Malloy.)
Malloy, John J., Cleveland Heights, Ohio, assignor to General Electric Company. Electric lamp or similar device. 2,159,812; May 23.
Malm, Carl J. (See Clarke, H. T., and Malm.)
Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Preparing cellulose for acylation. 2,143,785; Jan. 10.
Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Preparing cellulose esters from wood pulp. 2,150,689; Mar. 14.
Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Pretreatment for esterification of cellulose in attenuated form. 2,150,690; Mar. 14.
Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of stable cellulose esters. 2,152,071; Mar. 28.
Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of mixed fatty acid esters of cellulose. 2,173,945; Sept. 26.
Malm, Carl J., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Preparation of high viscosity organic acid esters of cellulose. 2,176,088; Oct. 17.
Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Maintaining the viscosity of cellulose esters uniform. 2,177,667; Oct. 31.
Malm, Carl J., assignor to Eastman Kodak Company, Rochester, N. Y. Precipitation of cellulose triacetate. 2,180,009; Nov. 14.
Malm, Carl J., and J. Emerson, assignors to Eastman Kodak Company, Rochester, N. Y. Antihalation coating. 2,161,364; June 6.
Malm, Carl J., and C. R. Fordyce, assignors, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Preparation of mixed dicarboxylic acid esters of polyhydroxy compounds and monohydroxy alcohols. 2,170,030; Aug. 22.
Malm, Carl J., and G. D. Hiatt, assignors to Eastman Kodak Company, Rochester, N. Y. Manufacture of mixed organic acid esters of cellulose. 2,172,250; Sept. 5.
Malm, Frank S. (See Kemp, A. R., and Malm.)
Malmberg, Eric A. (See Hedquist, C. S., Johnson, and Malmberg.)
Malmberg, Tore G., Stockholm, Sweden. Solidifying permeable masses. 2,176,266; Oct. 17.
Malme, Elmer K., Chicago, Ill., assignor of one-third to C. L. Parris, and one-third to W. G. Dunn, Clarinda, Iowa. Wind driven generator structure. 2,178,047; Oct. 31.
Malmqvist, Johan D., Boliden, assignor to Bolidens Gruvaktiebolag, Stockholm, Sweden. Measuring gravity. 2,182,298; Dec. 5.
Malmstead, Isaac B., Worcester, Mass., and L. I. Malmstead, New York, N. Y. Hat fastener. 2,171,582; Sept. 5.
Malmstead, Lilyan I. (See Malmstead, Isaac B. and L. I.)
Malmsten, Philip C., assignor to Diamond Iron Works, Incorporated, Minneapolis, Minn. Conveying aggregates in portable rock crusher machines. 2,179,747; Nov. 14.
Malmuth, Joseph A. (See Clarke, C. A., and Malmuth.)
Malocsay, Francis X., Upper Saddle River, N. J. Mechanism for aperturing cartons. 2,161,877; June 13.
Maloff, Ioury G. (See Tolson, W. A., and Maloff.)
Maloff, Ioury G., Philadelphia, Pa., assignor to Radio Corporation of America. Cathode ray deflecting device. 2,157,182; May 9.
Maloff, Ioury G., Philadelphia, Pa., assignor to Radio Corporation of America. Cathode ray tube deflecting device. 2,164,931; July 4.
Maloff, Ioury G., Philadelphia, Pa., assignor to Radio Corporation of America. Cathode ray deflecting device. 2,165,803; July 11.

Malone, Frank J., Canton, Ohio, assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Fixture for machine tools. 2,176,089; Oct. 17.
Malone, Harry S. (See O'Connell, J. J., and Malone.)
Malone, Homer E. (See Kronmiller, C. G., and Malone.)
Malone, Homer E., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Valve. 2,151,040; Mar. 21.
Maloney, Henry F., Newton, assignor of one-half to A. K. Klein, Halstead, Kans. Windshield defroster. 2,160,597; May 30.
Maloney, James J. (See Kelly, J., and Maloney.)
Maloney, Joe F., Houston, Tex. Screen pipe. 2,150,450; Mar. 14.
Maloney, Raymond T. (See Breitenstein, C. J., and Chouinard, assignors.)
Maloney, Raymond T. (See Nicolaus, Frank G., assignor.)
Maloney, William J., Ansonia, Conn. Bed service. 2,183,265; Dec. 12.
Maloney, William T., Natural Bridge, N. Y., assignor to Georgia Kaolin Company. Clay product and preparing same. 2,158,987; May 16.
Maloon, Earl B., South Pasadena, assignor to Southwest Welding and Manufacturing Co., Inc., Alhambra, Calif. Carry type scraper. 2,152,899; Apr. 4.
Malott, Albert L., and C. E. Robertson, Springfield, Ohio. Water dam for graves. 2,145,122; Jan. 24.
Malott, Clifton S., Jr., assignor to The American Laundry Machinery Company, Norwood, Ohio. Control for pressing machines. 2,171,583; Sept. 5.
Malott, Clifton S., Jr., assignor to The American Laundry Machinery Company, Norwood, Ohio. Control mechanism for pressing machines. 2,171,584; Sept. 5.
Malott, Floyd, Marathon, Ohio. Vehicle suspension means. 2,150,073; Mar. 7.
Malouf, Abraham M., Los Angeles, Calif. Carburetor. 2,155,560; Apr. 25.
Malowan, John E., Anniston, Ala., assignor to Monsanto Chemical Company, St. Louis, Mo. N-biphenyl oxamic acid and derivatives thereof. 2,143,520; Jan. 10.
Malowan, John E., Dayton, Ohio, assignor to Monsanto Chemical Company. Manufacture of phosphoric acid. 2,169,588; Aug. 15.
Malowan, John E., Dayton, Ohio, assignor to Monsanto Chemical Company. Manufacture of phosphoric acid. 2,169,589; Aug. 15.
Malozemoff, Plato, and M. W. MacAfee, Oakland, and M. W. Kirk, Berkeley, Calif., assignors, to Pacific Coast Borax Company. Recovering sodium tetraborate from borate ores. 2,184,558; Dec. 26.
Malsch, Henry, et al. (See Fairbank, Franklin N., assignor.)
Maltbie Chemical Company, The. (See Fosbinder, Russel J., assignor.)
Maltbie Chemical Company, The. (See Fosbinder, R. J., and Walter, assignors.)
Maltby, Edward H., White Bear Lake, Minn., assignor to Standard Conveyor Company. Conveyor switch. 2,158,482; May 16.
Malter, Louis. (See Zworykin, V. K., and Malter.)
Malter, Louis, Nutley, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. High frequency condenser. 2,171,219; Aug. 29.
Maltner, Heinrich, assignor to Heinrich Maltner Kom. Ges., Offenbach-on-the-Main, Germany. Atomizer for liquid with pressure pump constructed as flat extensible vessel. 2,143,079; Jan. 10.
Maltner, Heinrich, assignor, by mesne assignments, to Heinrich Maltner Kom. Ges., Offenbach-on-the-Main, Germany. Pocket lighter. 2,164,178; June 27.
Maltner, Heinrich, Kom. Ges. (See Maltner, Heinrich, assignor.)
Malvin, Elmer C., Cumberland, Ohio. Screw wrench. 2,175,299; Oct. 10.
Maly, Henry, Goshen, N. Y. Planter. 2,175,356; Oct. 10.
Mamula, Samuel L., Cleveland, Ohio. Blast furnace construction. 2,158,943; May 16.
Manale, Vito, et al. (See Schramm, Frederick C., assignor.)
Manchester, Mitchell W., Williamsport, Pa., assignor, by mesne assignments, to Aviation Manufacturing Corporation, Chicago, Ill. Indicator for controllable propellers. 2,146,401; Feb. 7.
Manchey, Lessel L., New York, N. Y., assignor to Piedmont Development Corporation, Wilmington, Del. Therapeutic composition. 2,156,254; Apr. 25.
Mancini, Vincenzo, Emerson, N. J., assignor of one-half to J. J. Micele, New York, N. Y. Dispensing device. 2,146,640; Feb. 7.
Mancuso, Philip, Brooklyn, assignor, by mesne assignments, to Thermo-Plastic Bottle Sealing Corporation, New York, N. Y. Method of and means for applying closures to containers. 2,173,122; Sept. 19.
Mancuso, Ralph J., Brooklyn, assignor to Royal Mounters, Inc., Long Island City, N. Y. Display device. 2,150,743; Mar. 14.
Mancuso, Ralph J., Brooklyn, assignor to Royal Mounters, Inc., Long Island City, N. Y. Display device. 2,154,911; Apr. 18.
Mandel Brothers, Inc. (See Eyres, Thomas W., assignor.)
Mandel, Jacob. (See Scheinman, S., and Mandel.)
Mandel, Jacob, Brooklyn, assignor to American Binder Company, New York, N. Y. Binder. 2,157,080; May 2.
Mandel, Jacob, Brooklyn, assignor to Pronto File Corp., Inc., New York, N. Y. Storage cabinet. 2,176,913; Oct. 24.
Mandel, Louis, Newark, N. J. Bottle labeling apparatus. 2,147,262; Feb. 14.
Mandelbaum, Leon, New York, N. Y. Envelope. 2,175,508; Oct. 10.
Mandelbaum, Malvin R. (See Atwell, H. V., and Mandelbaum.)
Mandelbaum, Malvin R. (See Cooke, H. B., and Mandelbaum.)
Mandell, Irving F., New Rochelle, assignor to Reinforced Paper Bottle Corporation, New York, N. Y. Collapsible mandrel for small-mouthed containers. 2,181,816; Nov. 28.
Mandell, Maxwell, and B. Schwartz, New York, N. Y. Adjustable picture frame. 2,164,299; June 27.
Manderbach, George D., et al. (See Shade, Charles F., assignor.)
Mandery, Carl A., Sycamore, Ill. Salt shaker. 2,166,725; July 18.
Mandl, Arthur, Sheffield, England, assignor to General Electric Company. Excitation system for dynamo-electric machines. 2,165,976; July 11.
Mandl, Rudi W., New York, N. Y. Sound finder. 2,153,933; Apr. 11.
Mandl, Siegmund, Milwaukee County, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Spring perch and brake bracket remover. 2,165,285; July 11.
Mandl, Sigmund, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Hinge pin pusher. 2,183,842; Dec. 19.
Maness, Orie N., Midland, Tex., assignor to The Dow Chemical Company, Midland, Mich. Treating oil wells yielding gas. 2,146,754; Feb. 14.
Maneval, Charles H., assignor to Standard Novelty Works, Duncannon, Pa. Hand coaster sled. 2,150,558; Mar. 14.
Mange, Clarence E., assignor to Jackes-Evans Manufacturing Company, St. Louis, Mo. Punch. 2,161,969; June 13.
Manhattan Company, President and Directors of The. (See Boothby, A. M., and Gazette, assignors.)
Manhattan Lubricants Co. (See Birnbaum, Joseph, assignor.)
Manhattan Shirt Company, The. (See Du Pree, C., and Ackerman, assignors.)
Manifold Supplies Company. (See Benello, Egidio M., assignor.)
Manifold Supplies Company. (See Foster, William D., assignor.)
Manifold Supplies Company. (See Hughes, William J., assignor.)
Manion, Charles H., Follansbee, W. Va., assignor to United Engineering and Foundry Company, Pittsburgh, Pa. Method and apparatus for manufacturing metallic strip. 2,162,407; June 13.
Maniscalco, Pietro, Toledo, Ohio. Internal combustion engine. 2,161,069; June 6.
Maniscalco, Pietro, Toledo, Ohio. Compressor. 2,168,036; Aug. 1.
Maniscalco, Pietro, Toledo, Ohio. Lubricating device. 2,169,106; Aug. 8.
Maniscalco, Pietro, Toledo, Ohio. Multistage compressor. 2,169,565; Aug. 15.
Maniscalco, Pietro, Toledo, Ohio. Compressor unit. 2,169,571; Aug. 15.
Manitowoc Shipbuilding Corporation. (See West, John D., assignor.)
Manke, Arthur G., Stratford, Conn., assignor to General Electric Company. Signal system. 2,179,298; Nov. 7.
Manke, Gustave L., Hartford, Conn., assignor to Veeder-Root Incorporated. Counter. 2,159,334; May 23.
Mankin, Lawrence O. (See Hoge, J. R., Soubier, and Mankin.)
Mankin, Lawrence O. (See Schneider, H. W., and Mankin.)
Mankin, Lawrence O., and L. D. Soubier, Toledo, Ohio, assignors to Owens-Illinois Glass Company. Stenciling apparatus. 2,183,223; Dec. 12.
Mankoff, Henry J., Wichita, Kans. Grinding machine. 2,145,728; Jan. 31.
Mankoff, Henry J., Wichita, Kans. Compost grinder. 2,158,240; May 16.
Mankoff, Henry J., Wichita, Kans. Bolting means for grinding machines. 2,167,954; Aug. 1.
Mankoff, Henry J., Wichita, Kans. Reversible hood and chute for grinding machines. 2,184,123; Dec. 19.
Manley, Jack M., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Harmonic producer. 2,150,386; Mar. 14.
Manley, Robert E., Yonkers, assignor to The Texas Company, New York, N. Y. Recovery of wax. 2,164,779; July 4.
Manley, Robert E., Beacon, assignor to The Texas Company, New York, N. Y. Refining hydrocarbon oil. 2,165,638; July 11.
Manley, Robert E., Beacon, assignor to The Texas Company, New York, N. Y. Separation of wax from mineral oil. 2,176,432; Oct. 17.
Manly Corporation. (See Centervall, Hugo A., assignor.)
Manly, Roy H., Birmingham, Ala. Motion picture camera. 2,178,145; Oct. 31.
Mann, Alan N., trustee. (See McCutchen, B. S., and Aiken, assignors.)

Mann, Charles S., Vancouver, British Columbia, Canada. Dispensing attachment for collapsible tubes. 2,158,333; May 16.
Mann, Harry G., and W. F. Kinney, Toledo, Ohio, assignor to American Can Company, New York, N. Y. Container. 2,182,813; Dec. 12.
Mann, John, assignor to Goulds Pumps, Inc., Seneca Falls, N. Y. Separation apparatus. 2,167,988; Aug. 1.
Mann, John V., assignor to Eclipse Textile Devices, Inc., Elmira, N. Y. Bobbin holder. 2,145,362; Jan. 31.
Mann, Matthew D., Jr., Roselle, N. J., assignor to Standard Oil Development Company. Immiscible liquid countercurrent method and apparatus. 2,153,507; Apr. 4.
Mann, Max R., Milwaukee, Wis. Shaft for rewinding machines. 2,171,800; Sept. 15.
Mann, Ralph J. (See Mellor, A., and Mann.)
Mann, Robert, Memphis, Tenn. Hopper and seed distributing mechanism for seed planters. 2,164,333; July 4.
Mannerberg, Edward G. (See Githens, O. W., Norden, and Mannerberg.)
Mannes, Leopold D., L. Godowsky, Jr., and B. H. Carroll, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Photographic screening dye. 2,143,786; Jan. 10.
Mannes, Leopold D., and L. Godowsky, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Sound track for multilayer film. 2,143,787; Jan. 10.
Mannes, Leopold D., and L. Godowsky, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Color reproduction. 2,150,691; Mar. 14.
Mannes, Leopold D., Rochester, N. Y., and L. Godowsky, Jr., Westport, Conn., assignors to Eastman Kodak Company, Rochester, N. Y. Sound image on multilayer film. 2,159.280; May 23.
Mannfolk, George J., New York, N. Y. Steering apparatus. 2,155,055; Apr. 18.
Mannie, Moe, and I. Frank, New York, N. Y. Finger ring. 2,184,749; Dec. 26.
Manning, Axel A., Springfield, Mass. Machine tool. 2,157,241; May 9.
Manning, Bowman & Co. (See Young, Allan M., assignor.)
Manning, Bruce W., Grafton, Ill., assignor to Illinois Powder Manufacturing Co., St. Louis, Mo. Low density cellulose materials. 2,168,531; Aug. 8.
Manning, Charles R., Erie, Pa., assignor to General Electric Company. Lubricating device. 2,158,879; May 16.
Manning, F. W., Company. (See Manning, Fred W., assignor.)
Manning, Forrest L. (See Kuhlenbeck, A. J., and Manning.)
Manning, Fowler, Bronxville, assignor, by mesne assignments to American Radiator & Standard Sanitary Corporation, New York, N. Y. Filter. 2,161,831; June 13.
Manning, Fred W., Altadena, assignor to F. W. Manning Company, Ltd., Los Angeles, Calif. Countercurrent fabric filtration. 2,152,900; Apr. 4.
Manning, Fred W., Altadena, assignor to F. W. Manning Company, Ltd., Los Angeles, Calif. Continuous depth filtration. 2,152,902; Apr. 4.
Manning, Fred W., Pasadena, assignor to F. W. Manning Company, Ltd., Los Angeles, Calif. Making filter fabric. 2,152,901; Apr. 4.
Manning, Frederick A., London, England. Securing means. 2,153,259; Apr. 4.
Manning, Maxwell & Moore Incorporated. (See Briscoe, James, assignor.)
Manning, Maxwell & Moore, Incorporated. (See Briscoe, J., and Corcoran, assignors.)
Manning, Maxwell & Moore, Incorporated. (See Corcoran, James L., assignor.)
Manning, Maxwell & Moore, Inc. (See Hammond, Elmer H., assignor.)
Manning, Maxwell & Moore, Incorporated. (See Lewis, Dartrey, assignor.)
Manning, Maxwell & Moore, Inc. (See Smith, Ralph E., assignor.)
Manning, Maxwell & Moore, Incorporated. (See Walch, Frederick W., assignor.)
Manning, Maxwell & Moore, Inc. (See Whitcomb, Preston, assignor.)
Manning, Paul D. V. (See Peebles, D. D., and Manning.)
Manning, Ray B., South Jacksonville, Fla. Propeller. 2,146,481; Feb. 7.
Manning, William H., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Extension gear lever. 2,172,663; Sept. 12.
Manning, William H., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Intake manifold. 2,175,438; Oct. 10.
Manning, William H., and H. B. Barker, Pontiac, Mich. Operating table. 2,172,941; Sept. 12.
Manning, Willis L., Madison, Wis., assignor to Burgess Battery Company, Chicago, Ill. Silencer. 2,144,725; Jan. 24.
Manning, Willis L., Madison, Wis., assignor to Burgess Battery Company, Chicago, Ill. Silencer. 2,166,417; July 18.
Manny, Fred L., assignor to F. P. Rosback Company, Benton Harbor, Mich. Punching and cutting machine. 2,164,616; July 4.
Manny, Fred L., assignor to F. P. Rosback Company, Benton Harbor, Mich. Rotary punching and notch cutting machine. 2,167,279; July 25.
Manofsky, John J., Warren, Ohio, assignor to National Gypsum Company, Buffalo, N. Y. Corner bead. 2,163,613; June 27.
Manrodt, Henry, Newark, N. J., and M. Manrodt, Baltimore, Md. Combustion engine with rotary valve. 2,183,122; Dec. 12.
Manrodt, Kurt. (See Hoffman, A. F., Schmutzer, and Manrodt.)
Manrodt, Manfred. (See Manrodt, Henry and M.)
Mansbach, Alvin A. (See Fleck, L. S., and Mansbach.)
Mansell, Irving V., Bridgeport, Conn. Luminous tube sign. 2,152,653; Apr. 4.
Mansell, Irving V., Bridgeport, Conn. Luminous tube sign. 2,163,614; June 27.
Mansel, Paul, Berlin-Lankwitz, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Sorting machine. 2,172,737; Sept. 12.
Man-Sew Pinking Attachment Corp. (See Sigoda, Victor J., assignor.)
Mansfield, John L., Fall River, Mass., assignor to J. Simpson, Jr., North Tiverton, R. I. Turning and slotting device for commutators, etc. 2,145,091; Jan. 24.
Mansfield, Judson H., assignor to Greenlee Bros. & Co., Rockford, Ill. Tapping machine. 2,165,396; July 11.
Mansfield, Roger, Dorchester, Mass. Adjustable ladder attachment for supporting paint pails. 2,162,022; June 13.
Mansfield, Samuel A., and J. L. Killoran, Drummondville, Quebec, Canada, assignors to Celanese Corporation of America. Timing device for cap spinning machines. 2,145,938; Feb. 7.
Mansfield, Warren M., Glendale, assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Counterbalance for oil pumping apparatus. 2,152,701; Apr. 4.
Mansfield, Warren M., Glendale, assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Pivoted counterbalance for oil pumping apparatus. 2,152,702; Apr. 4.
Mansfield, William. (See Holland, J. E. D., and Mansfield.)
Mansky, Fred, assignor to Grayson Heat Control, Ltd., Lynwood, Calif. Safety shut-off for multiple burners. 2,183,855; Dec. 19.
Manson, Frank G., Dayton, Ohio. Oxygen distributor. 2,174,523; Oct. 3.
Mantelet & Boucher (Societe en nom collectif). (See Mantelet, Jean, assignor.)
Mantelet, Jean, Bagnolet, assignor to Mantelet & Boucher (Societe en nom collectif), Bagnolet (Seine), France. Mill for grinding pepper, salt, sugar, coffee, and the like. 2,184,719; Dec. 26.
Mantell, Charles L. (See Hardy, C., and Mantell.)
Mantell, Charles L., Manhasset, assignor to Hardy Metallurgical Company, New York, N. Y. Production of metal powders. 2,182,567; Dec. 5.
Mantell, Edmund, et al. (See Corey, George H., assignor.)
Manthorne, William H., Bayshore, assignor to Western Electric Company, Incorporated, New York, N. Y. Electron discharge device. 2,167,519; July 25.
Mantle Lamp Company, The. (See Baker, James S., assignor.)
Mantle Lamp Company of America, The. (See Davis, Cortland W., assignor.)
Mantonya, Paul S. (See Kastler, Edward L., assignor.)
Mantz, Aloysius F., Los Angeles, Calif. Combined sash balance and weather strip. 2,158,514; May 16.
Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Control system. 2,155,233; Apr. 18.
Mantz, Harold A., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Control device. 2,157,296; May 9.
Mantz, Robert, assignor to City Novelty Corporation, New York, N. Y. Linked ornamental chain. 2,169,265; Aug. 15.
Manuel, Charles J. (See Pringle, W. A., and Manuel.)
Manuel, Charles J. (See Sheppard, J. F., Manuel, and Pringle.)
Manufacturers National Bank of Detroit, The. (See Leighton, John W., assignor.)
Manville, Charles J., Pontiac, Mich. Gas gun. 2,151,521; Mar. 21.
Manville, Charles J., assignor to Manville Manufacturing Corporation, Pontiac, Mich. Shell. 2,172,800; Sept. 12.
Manville Jenckes Corporation. (See Booth, Robert B., assignor.)
Manville Manufacturing Corporation. (See Manville, Charles J., assignor.)
Manz, Friedrich, Halle-on-the-Saale, and K. Rosenfelder, assignors to Robert Bosch Gesellschaft mit beschrankter Haftung, Stuttgart, Germany. Power-driven hand-guided machine. 2,182,926; Dec. 12.
Manz, Gottfried, Cologne-Mulheim, and W. Zerweck and W. Kunze, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water insoluble azo dyestuff. 2,151,857; Mar. 28.
Manzeck, Robert H., San Diego, Calif. Cushioned crutch. 2,174,588; Oct. 3.
Manzler, Clarence H., Rochester, N. Y. Memorandum pad holder and sheet marker. 2,143,327; Jan. 10.

Mapes, Arthur F., Union, N. Y. Automobile frame mounting. 2,142,613; Jan. 3.
Mapes, Dwight B. (See Dons, E. M., and Mapes.)
Mapes, Dwight B. (See Dons, E. M., Mauro, and Mapes.)
Mapes, Dwight B., and E. M. Dons, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Separating wax-containing materials. 2,168,574; Aug. 8.
Maples, Amos L., Long Beach, Calif. Can opener. 2,162,095; June 13.
Maran, Alfred, Yonkers, N. Y. Ladder attachment. 2,174,891; Oct. 3.
Marantette, Joseph H., Price, Utah. Temperature control for refrigerators. 2,142,569; Jan. 3.
Maranville, Harvey F., assignor to The General Tire & Rubber Company, Akron, Ohio. Apparatus for forming pneumatic tire casings. 2,182,176; Dec. 5.
Marasco, Martin, Parlin, N. J., and E. A. Merritt, Chevy Chase, Md., assignor to Du Pont Firm Mfg. Corp., New York, N. Y. X-ray shielding compound. 2,162,178; June 13.
Marasco, Martin, Parlin, N. J., assignor to Du Pont Film Manufacturing Corporation, New York, N. Y. Surface-treating film. 2,172,801; Sept. 12.
Marasco, Martin, New Brunswick, N. J., assignor to Du Pont Film Manufacturing Corporation, New York, N. Y. Photographic film. 2,182,814; Dec. 12.
Marasso, Fred, assignor to Union Machinery Company, Joliet, Ill. Loading apparatus for proofers. 2,146,151; Feb. 7.
Marasso, Fred, assignor to Union Machinery Company, Joliet, Ill. Rounder. 2,165,495; July 11.
Marathon Company. (See Shields, Andrew G., assignor.)
Marathon Paper Mills Company. (See Broeren, F. L., and Krueger, assignors.)
Marathon Paper Mills Company. (See Morris, Elmer C., assignor.)
Marathon Paper Mills Company. (See McConnell, Palmer B., assignor.)
Marathon Paper Mills Company. (See Ohlhaver, Homer W., assignor.)
Marathon Paper Mills Company. (See Snyder, D. A., and Hill, assignors.)
Maravalli, Joe. (See Jacob, Mike and A., and Maravalli.)
Marbo Patents, Inc. (See Gebauer-Fuelnegg, E., and Moffett, assignors.)
Marbon Corporation. (See Gebauer-Fuelnegg, E., and Williams, assignors.)
Marbon Corporation. (See Gebauer-Fuelnegg, E., Moffett, and Irving, assignors.)
Marbon Corporation. (See Heckel, Hermann, assignor.)
Marbon Corporation. (See Moffett, Eugene W., assignor.)
Marbon Corporation. (See Winkelmann, Herbert A., assignor.)
Marbon Corporation. (See Winkelmann, H. A., and McKenzie, assignors.)
Marbon Corporation. (See Winkelmann, H. A., and Moffett, assignors.)
Marbon Corporation. (See Winkelmann, H. A., Moffett and Calvert, assignors.)
Marbon Corporation. (See Williams, Floyd E., assignor.)
Marbury, Herbert B., and R. C. Jones, assignors to Fulton Bag and Cotton Mills, Atlanta, Ga. Convertible wardrobe handbag. 2,154,630; Apr. 18.
Marbury, Ralph E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Arc welding system. 2,151,786; Mar. 28.
Marbury, Ralph E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburg, Pa. Prevention of inductive interference. 2,157,909; May 9.
Marbury, Ralph E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Series capacitor protective system. 2,162,488; June 13.
Marbury, Ralph E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding system. 2,165,065; July 4.
Marbury, Ralph E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Relay timing circuits and systems. 2,182,637; Dec. 5.
Marbury, Ralph E., Wilkinsburg, and W. H. Cuttino, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Series capacitor protection. 2,144,503; Jan. 17.
Marbury, Ralph E., and P. H. Brace, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical capacitor. 2,151,787; Mar. 28.
Marc, Henri. (See Greider, H. W., and Marc.)
Marceau, Eugene T. (See Burkhart, W. H., and Marceau.)
Marcel, François R., Brooklyn, N. Y. Comb. 2,180,834; Nov. 21.
Marcellus, Brooks. (See Peterson, B. A., and Marcellus.)
Marcellus, Brooks, assignor to Barber-Colman Company, Rockford, Ill. Warper apparatus. 2,160,024; May 30.
Marcham, Arnold J., and N. Reynolds, Carlyle, Ill., assignors of ten percent to B. O. Zillman, St. Louis, Mo. Making paper from wheat, oat, or rye straw. 2,164,192; June 27.
Marchand, Adolph, Jackson Heights, N. Y. Wall-inset heater cabinet for bathrooms, etc. 2,171,662; Sept. 5.
Marchand, Adolph, Jackson Heights, N. Y. Drawer-controlling means for medicine cabinets. 2,171,663; Sept. 5.
Marchant, Bernard W., Richmond, Va. Detachable and adjustable card table tray. 2,147,539; Feb. 14.
Marchant, Braulio P. (See Munés, J. R., and Marchant.)
Marchant Calculating Machine Company. (See Avery, Harold T., assignor.)
Marchant, Calculating Machine Company. (See Avery, H. T., and Dustin, assignors.)
Marchant Calculating Machine Company. (See Friden, Carl M. F., assignor.)
Marchant Calculating Machine Company. (See Hopkins, George W., Jr., assignor.)
Marchant Calculating Machine Company. (See Lerch, Gustav, assignor.)
Marchant Calculating Machine Company. (See Machado, Anthony B., assignor.)
Marchand, Eugene W. (See Zinkil, R. H., Frederickson, and Marchand.)
Marchant, Guy O., et al. (See Walker, Jay P., assignor.)
Marchant, Lawrence E., and S. S. Herring, Hamilton, Ontario, Canada. Device for the classification of handwriting. 2,148,567; Feb. 28.
Marchbank, John, assignor to Frederick Braby & Company Limited, Glasgow, Scotland. Hinged ventilator of the hopper type. 2,153,508; Apr. 4.
Marchbank, John, assignor to Frederick Braby & Company Limited, Glasgow, Scotland. Device for securing glass panes in window frames. 2,153,635; Apr. 11.
Marchenko, Michael, New York, N. Y. Sliding roof panel. 2,160,366; May 30.
Marchev, Alfred, La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Method of and means for duplicating. 2,142,449; Jan. 3.
Marchev, Alfred, La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating apparatus. 2,145,729; Jan. 31.
Marchev, Alfred, La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating apparatus. 2,150,744; Mar. 14.
Marchev, Alfred, La Grange, assignor to Ditto, Incorporated, Chicago, Ill. Spindle. 2,157,419; May 9.
Marchev, Alfred, La Grange, assignor to Ditto Incorporated, Chicago, Ill. Duplicating apparatus. 2,168,486; Aug. 8.
Marchev, Alfred, La Grange, assignor to Ditto Incorporated Chicago, Ill. Duplicating apparatus. 2,172,876; Sept. 12.
Marchev, Alfred, La Grange, and H. P. Keil, assignors to Ditto, Incorporated, Chicago, Ill. Duplicating mechanism. 2,147,410; Feb. 14.
Marchev, Alfred, La Grange, and R. F. Morrison, Oak Park, assignors to Ditto, Incorporated, Chicago, Ill. Paper-handling mechanism for duplicating machines. 2,175,667; Oct. 10.
Marchou, Elie R., Neuilly-sur-Seine, France. Deformable self-locking nut. 2,154,174; Apr. 11.
Marciente, Anthony J., et al. (See Schramm, Frederick C., assignor.)
Marcleph & Co. Inc. (See Goodman, Leo A., assignor.)
Marcolivio, Louis, assignor to A. Romano, Providence, R. I. Windshield wiper. 2,156,505; May 2.
Marcolivio, Louis, assignor to A. Romano, Providence, R. I. Windshield wiper construction. 2,156,506; May 2.
Marconi's Wireless Telegraph Company. (See Wright, G. M., and McLellan, assignors.)
Marcus, Edward J., et al. (See Burton, Edgar F., assignor.)
Marcus, Harry, Minneapolis, Minn. Combination shorts and sanitary belt. 2,165,561; July 11.
Marcus, Nathan, Union City, N. J. Hot water heater. 2,171,369; Aug. 29.
Marcus, Nathan, Union City, N. J. Support for cylindrical containers. 2,177,073; Oct. 24.
Marcus, Nathan, Union City, N. J. Valve. 2,177,354; Oct. 24.
Marcus, Samuel, Belle Harbor, N. Y., assignor, by mesne assignments, to Margon Corporation, Bayonne, N. J. Rolling eyeset. 2,149,685; Mar. 7.
Marcus, Samuel, Belle Harbor, N. Y., assignor, by mesne assignments, to Margon Corporation, Bayonne, N. J. Mannikin with eyes and lashes. 2,161,878; June 13.
Marcus, Samuel, Jersey City, assignor to Margon Corporation, Bayonne, N. J. Flexible mask with movable eyes. 2,183,025; Dec. 12.
Marcus, Samuel S., Lewisboro, and S. Krakauer, New York, N. Y. Wire knotting machine. 2,166,636; July 18.
Marcy, Grosvenor D., Newton Highlands, Mass. Process and machine for trimming uppers. 2,174,589; Oct. 3.
Marczak, Joseph J., generally known as J. J. Martz, Big Point, Miss. Mechanism for use in decorticating fibers. 2,156,122; Apr. 25.
Marczak, Joseph J., Bigpoint, Miss. Decorticating machine. 2,182,729; Dec. 5.
Marden, John W., East Orange, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Mounting for high pressure discharge lamps. 2,173,261; Sept. 19.
Mardick, John R., New York, N. Y. Chromium plating. 2,177,392; Oct. 24.
Mardis, Paul L. (See Binney, E. A., and Mardis.)
Marécaux, Paul, Nancy, France. Method and plant for the hydrogenation of carbonaceous substances containing sulphur. 2,159,281; May 23.

Marek, Anthony J., London, England. Capping head for bottle capping machines. 2,180,812; Nov. 21.
Marek, Béla, and C. Sebesta, Budapest, Hungary. Hair curling apparatus. 2,150,285; Mar. 14.
Maremont Automotive Products, Inc. (See Hedrick, Gale H., assignor.)
Margarian, Masick C., Fresno, Calif. Signaling arm. 2,153,634; Apr. 11.
Margles, Samuel G., Brooklyn, assignor to Otis Elevator Company, New York, N. Y. Moving stairway. 2,163,693; June 27.
Margles, Samuel G., brooklyn, assignor to Otis Elevator Company, New York, N. Y. Moving stairway. 2,183,334; Dec. 12.
Margolin, Meyer, Elgin, Ill. Inner sole having resilient insert. 2,153,021; Apr. 4.
Margolis, Fay. (See Wolfson, Morris, assignor.)
Margolis, Isadore, Detroit, Mich. Hammer. 2,175,846; Oct. 10.
Margolith, Mordicha, Hawthorne, Calif. Soap holder. 2,153,840; Apr. 11.
Margon Corporation. (See Lorenz, W. and Pollack, assignors.)
Margon Corporation. (See Marcus, Samuel, assignor.)
Marhenkel, Erich, assignor to "Pertrix" Chemische Fabrik Aktiengesellschaft, Berlin, Germany. Galvanic battery. 2,164,755; July 4.
Marholz, Richard C., assignor to Belmont Radio Corporation, Chicago, Ill. Supporting structure for radio indicating and control apparatus. 2,154,406; Apr. 11.
Marholz, Richard C., assignor to Belmont Radio Corporation, Chicago, Ill. Indicating and control apparatus for radio receivers. 2,172,288; Sept. 5.
Mariani, Frank N., New York, N. Y. Electric lamp. 2,165,563; July 11.
Mariani, Paul, New York, N. Y. Buckle. 2,171,984; Sept. 5.
Marien, Charles A., assignor to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo. Piston spreader. 2,159,975; May 30.
Mariner, Hollis C., Pittsburgh, Pa. Stirring device and tool. 2,163,758; June 27.
Marini, Herman R., New Kensington, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Interlayer for safety glass and making the same. 2,176,997; Oct. 24.
Marino, Anthony, Somerville, Mass. Extensible console table. 2,152,703; Apr. 4.
Marino, John J., New York, N. Y. Snow removal machine. 2,178,400; Oct. 31.
Marino, Joseph. (See Abramowitz, M., and Marino.)
Marino, Louis, Kansas City, Mo. Bat-forming table. 2,159,282; May 23.
Marinsky, Davis. (See Morin, L. H., and Marinsky.)
Marinsky, Davis, Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. Stringer tape for separable fasteners. 2,145,551; Jan. 31.
Marinsky, Davis, Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. Covered separable fastener. 2,145,552; Jan. 31.
Marinsky, Davis, Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. Detachably coupled end stop. 2,154,099; Apr. 11.
Marinsky, Davis, Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. Finger piece for the sliders of separable fasteners. 2,162,266; June 13.
Marinsky, Davis, assignor to Whitehall Patents Corporation, Bronx, N. Y. Stringer tape. 2,170,419; Aug. 22.
Marinsky, Davis, Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. End stop for separable fasteners. 2,172,213; Sept. 5.
Marinsky, Davis, Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. Automatic locking slider for separable fasteners. 2,172,214; Sept. 5.
Marinsky, Davis, Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. Separable fastener. 2,172,215; Sept. 5.
Marinsky, Davis, assignor to Whitehall Patents Corporation, Bronx, N. Y. Cord mounted thermoplastic element. 2,174,159; Sept. 26.
Marinsky, Davis, Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. Lock slider for separable fasteners. 2,174,161; Sept. 26.
Marinsky, Davis, assignor to Whitehall Patents Corporation, Bronx, N. Y. Thermoplastic slider. 2,181,142; Nov. 28.
Marinsky, Davis, and L. H. Morin, Bronx, assignors to Whitehall Patents Corporation, New York, N. Y. Slider for separable fasteners. 2,160,160; May 30.
Marinsky, Davis, and L. H. Morin, assignors to Whitehall Patents Corporation, Bronx, N. Y. Bridge top stop for separable fasteners. 2,174,160; Sept. 26.
Marinsky, Isaac, Providence, R. I. Tie construction 2,157,618; May 9.
Marion, Harold G., and C. F. Reer, Bay City, Mich. Linoleum cutting machine. 2,149,025; Feb. 28.
Marion Metals Products Company, The. (See Garverick, Ralph A., assignor.)
Marion Steam Shovel Company, The. (See Stock, Harry F., assignor.)
Marioness and Company. (See Schmidt, Karl, assignor.)
Mariotti, Carl, et al. (See Lyle, Vent M., assignor.)
Maris, Elwood S., Upper Darby, Pa., assignor to Radio Corporation of America. Variable condenser. 2,149,702; Mar. 7.
Maris, James C., Glenolden, Pa. Lateral motion device. 2,159,813; May 23.
Maris, James C., Glenolden, Pa. Locomotive steam pipe connection and support. 2,163,886; June 27.
Maris, James C., Glenolden, Pa. Locomotive truck. 2,163,887; June 27.
Maris, James C., Glenolden, Pa. Four cylinder locomotive. 2,167,216; July 25.
Marischka, Carl. (See Bossner, F., and Marischka.)
Mariutto, Louis D., Schenectady, N. Y. Tile cutting machine. 2,184,894; Dec. 26.
Mark, Arthur M., Argo, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Isolation of leucine and tyrosine from corn gluten. 2,178,210; Oct. 31.
Mark, Vennice E. (See De Voe, G. E., and Mark.)
Markel Electric Products, Inc. (See MacFadden, Glenn E., assignor.)
Markel Electric Products, Inc. (See Oremus, George E., assignor.)
Markel, Leon, San Francisco, and F. L. Reynolds, Mill Valley, assignors, by mesne assignments, to United States Appliance Corporation, San Francisco, Calif. Chemical heating pad. 2,153,670; Apr. 11.
Markel, Leon, San Francisco, and F. L. Reynolds, Mill Valley, assignors, by mesne assignments, to United States Appliance Corporation, San Francisco, Calif. Hair waving apparatus. 2,153,671; Apr. 11.
Markel, Orville. (See Bandish, J. M., and Markel.)
Markell, Stanley. (See Laurer, C. J., and Markell.)
Markem Machine Company. (See Putnam, C. A., and Robbins, assignors.)
Marker, Russell E., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. Preparation of sterol derivatives. 2,144,726; Jan. 24.
Marker, Russell E., State College, Pa., assignor to Parke, Davis & Company, Detroit, Mich. 7-keto cholesteryl halide and making it. 2,177,735; Oct. 24.
Markert, John P., Stamford, Conn. Paper receptacle. 2,170,420; Aug. 22.
Markert, John P., Stamford, Conn. Receptacle. 2,178,967; Nov. 7.
Markey, Frank G., Battle Creek, Mich. Locomotive valve mechanism. 2,167,280; July 25.
Markey, George T. (See Willett, W. M., and Markey.)
Markey, George T., assignor to James Manufacturing Company, Fort Atkinson, Wis. Incubator-hatcher. 2,163,363; June 20.
Markey, George T., assignor to James Manufacturing Company, Fort Atkinson, Wis. Shutter type feed opening for developer batteries. 2,174,004; Sept. 26.
Markham, Ralph, Chicago, Ill. Automatic direction signaling device for vehicles. 2,155,433; Apr. 25.
Markham, Ralph, Chicago, Ill. Automobile signal switch. 2,182,029; Dec. 5.
Markia Corporation. (See Goldmark, Peter C., assignor.)
Markin, Louis, assignor to Alfred Decker & Cohn, Inc., Chicago, Ill. Making garment closures. 2,155,795; Apr. 25.
Markle, George B., Jr., assignor to Freeland Spool and Bobbin Corp., Hazleton, Pa. Bobbin. 2,155,140; Apr. 18.
Markle, Robert A., Baltimore, Md. Bottle cap. 2,151,129; Mar. 21.
Markley, George E., Cleveland Heights, Ohio. Material processing apparatus. 2,171,340; Aug. 29.
Markley, James H., Ramsey, N. J. Dust hood. 2,145,939; Feb. 7.
Markley, Jonathan, M. D. Woodruff, and W. Mechlin, assignors to The Bauer Brothers Company, Springfield, Ohio. Peanut blanching machine. 2,143,020; Jan. 10.
Markley, Joseph M., Jr., assignor of one-half to M. D. Markley, Canton, Ohio. Recording mechanism for vehicles. 2,159,727; May 23.
Markley, Myron D. (See Markley, Joseph M., Jr., assignor.)
Markley, Richard, Jr., assignor to Wilson Cabinet Corporation, Smyrna, Del. Liquid cooler. 2,144,985; Jan. 24.
Markley, Samuel C., Roanoke, Va. Cleaner for carding bar teeth. 2,160,703; May 30.
Markoff, Theodore, Providence, R. I., assignor to The Paramount Line, Inc. Greeting card. 2,176,535; Oct. 17.
Markowski, Joseph H., Toledo, Ohio. Structural element and connector. 2,182,523; Dec. 5.
Marks, Alvin M., Whitestone, N. Y. Light polarizing device. 2,167,899; Aug. 1.
Marks, Barnard M., Clifton, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of polymeric synthetic resins. 2,146,306; Feb. 7.
Marks, Barnard M., Clifton, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization. 2,161,481; June 6.
Marks, Charles, Brooklyn, N. Y. School bag. 2,177,624; Oct. 24.
Marks, Ernest. (See Kuhne, F., Marks, and Waldmann.)
Marks, Ernest M., Lansdowne, assignor to The Atlantic Refining Company, Philadelphia, Pa. Production of motor fuel. 2,164,334; July 4.

Marks, Ernest M., Lansdowne, assignor to The Atlantic Refining Company, Philadelphia, Pa. Motor fuel. 2,181,143; Nov. 28.
Marks, H. Zachary, et al. (See Clement, G. H., and Squier.)
Marks, Harry D., et al. (See Clement, G. H., and Squier, assignors.)
Marks, Isidore, assignor to Keystone Mfg. Co., Boston, Mass. Film guide. 2,168,941; Aug. 8.
Marks, Paul J., Rochester, N. Y. Bottle seal. 2,179,158; Nov. 7.
Marks, William J. (See Polk, H. H., and Marks.)
Markush, Eugene A., Jersey City, M. S. Mayzner, Asbury Park, and J. Miller, Newark, N. J., assignors to Pharma Chemical Corporation, New York, N. Y. Azo dyes. 2,149,703; Mar. 7.
Markush, Eugene A., Jersey City, and J. Miller, Newark, N. J., assignors to Pharma Chemical Corporation, New York, N. Y. Color producing compound and producing the same. 2,162,960; June 20.
Markush, Eugene A., Jersey City, and J. Miller, Newark, N. J., assignors to Pharma Chemical Corporation, New York, N. Y. Diphenyl-diamino acid compounds. 2,164,932; July 4.
Markwick, Frederick H., assignor to The Sheffield Gage Corporation, Dayton, Ohio. Measuring instrument. 2,159,335; May 23.
Markwick, Frederick H., and L. F. Poock, assignors to The Sheffield Gage Corporation, Dayton, Ohio. Lapping machine. 2,159,336; May 23.
Markwood, Jacob D., Minneapolis, Minn. Glass scrubber and sterilizer. 2,148,486; Feb. 28.
Markwood, Jacob D., Minneapolis, Minn. Cleaning device for glass-washing machines. 2,150,511; Mar. 14.
Markwood, Louis N., Washington, D. C. Liquid measuring device. 2,149,303; Mar. 7.
Marling, Paul E., and C. A. Thomas, Dayton, Ohio, assignors, by mesne assignments, to Monsanto Chemical Company. Dispersion and producing the same. 2,176,219; Oct. 17.
Marlman, Ethel P., Las Animas, Colo., assignor to The Humane Fur Getter, Inc. Poison mixture for trap gun cartridges. 2,166,168; July 18.
Marlman, Ethel P., Las Animas, Colo., assignor to The Humane Fur Getter, Inc. Trap gun. 2,145,488; Jan. 31.
Marlow, C. M. (See Menderman, Fred, assignor.)
Marlowe, Harold J., New Rochelle, N. Y. Exercising machine. 2,145,940; Feb. 7.
Marlowe, Harold J., New Rochelle, N. Y. Exercising toy. 2,173,691; Sept. 19.
Marmaduke, Richard C., assignor to S. Marmaduke, Kansas City, Mo. Treated fuels and treating the same. 2,184,621; Dec. 26.
Marmaduke, Sherman. (See Marmaduke, Richard C., assignor.)
Marmon-Herrington Company. (See Herrington, Arthur W., assignor.)
Marmorek, Louis, Brooklyn, assignor to Auto Cream Whip Corporation, New York, N. Y. Device for producing whipped cream. 2,162,096; June 13.
Maroot, Albert H., Verona, N. J. Method and means for fabricating printing plates. 2,175,439; Oct. 10.
Marogg, Richard, New York, N. Y. Oil burner. 2,143,488; Jan. 10.
Maroto, Jorge, Oak Park, Ill. Transmission. 2,184,941; Dec. 26.
Marple, Rollo, Jackson, Mich., assignor to Hancock Manufacturing Company. Door latch handle. 2,148,993; Feb. 28.
Marple, Rollo, assignor to Hancock Manufacturing Company, Jackson, Mich. Lock keeper. 2,167,391; July 25.
Marple, Rollo, assignor to Hancock Manufacturing Company, Jackson, Mich. Lock. 2,169,535; Aug. 15.
Marples, Alan, South Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Dehydration of ethanol. 2,173,692; Sept. 19.
Marquardt, Frank C., assignor to American Bank Note Company, New York, N. Y. Rotary printing machine. 2,178,639; Nov. 7.
Marquardt, Kurt, assignor to Siemens & Halske Aktiengesellschaft, Berlin-Siemensstadt, Germany. Electric condenser. 2,162,471; June 13.
Marquardt, Robert E., Oshkosh, Wis. Mortician's appliance. 2,170,724; Aug. 22.
Marquart, Earl H., Oshkosh, Wis. Construction of window frames and sash equipment therefor. 2,173,175; Sept. 19.
Marr, David, Warsaw, N. Y. Magnet for organs. 2,158,010; May 9.
Marr, David, Warsaw, N. Y. Magnet for organs. 2,167,407; July 25.
Marr, George M., Woodhaven, N. Y. Transmitting and distributing audio current on an amplified loudspeaker system. 2,168,426; Aug. 8.
Marr, Walter D., Flint, Mich. Fishing reel. 2,184,149; Dec. 19.
Mars, Georg, Csepel at Budapest, Hungary, and R. Hirsch, Munich, Germany. Electric furnace. 2,144,886; Jan. 24.
Mars, Jesse B., Providence, R. I. Egg opening implement. 2,143,893; Jan. 17.
Mars, Maurice, Chatenay, France. Pump fire extinguisher. 2,154,986; Apr. 18.

Marsack, Max, assignor, by mesne assignments, to Marsak Patents Corporation, Milwaukee, Wis. Mattress border forming device. 2,156,059; Apr. 25.
Marsack, Max, assignor, by mesne assignments, to Marsack Patents Corporation, Milwaukee, Wis. Mattress. 2,168,037; Aug. 1.
Marsack Patents Corporation. (See Marsack, Max, assignor.)
Marsack Patents Corporation. (See Marsack, Sam, assignor.)
Marsack Patents Corporation. (See Marsack S., and Loeffler, assignors.)
Marsack, Sam, assignor, by mesne assignments, to Marsack Patents Corporation, Milwaukee, Wis. Mattress. 2,156,343; May 2.
Marsack, Sam, Milwaukee, and W. Loeffler, Jr., Sheboygan, assignors, by mesne assignments, to Marsack Patents Corporation, Milwaukee, Wis. Riveting machine for mattress borders. 2,172,446; Sept. 12.
Marsal, Paul A., Lakewood, Ohio, assignor to National Carbon Company, Inc. Dry cell. 2,169,702; Aug. 15.
Marsan, Edward P., Chicago, Ill. Self-locking building block. 2,163,381; June 20.
Marsch, Jas. P., Corporation. (See Rose, Alexander D., assignor.)
Marschall, Arnold, Freiburg-in-Breisgau, Germany, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Increasing the reactivity of cellulose to esterification reagents. 2,172,447; Sept. 12.
Marschall, Arnold, Baden, Germany, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of cellulosic products. 2,164,416; July 4.
Marschall, John, assignor to Schlafer Supply Company, Appleton, Wis. Flux container. 2,142,402; Jan. 3.
Marschalk, Frederick F., assignor of one-half to C. R. Battey, Augusta, Ga. Closing cap for collapsible tubes. 2,179,452; Nov. 7.
Marsden, Cleve G., Portland, Oreg. Movement rest for watches. 2,170,535; Aug. 22.
Marsden, George P., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Sizing apparatus. 2,174,798; Oct. 3.
Marsh, Alonzo K., Summit, N. J., assignor to A. Kimball Company, New York, N. Y. Forming pin ticket staples. 2,155,168; Apr. 18.
Marsh, Donald V., Lexington, Ill. Radio cabinet, shelf, and light. 2,163,615; June 27.
Marsh, Frank L., and D. C. Chads, Medicine Lodge, Kans., assignors, by mesne assignments, to National Gypsum Company, Buffalo, N. Y. Aging calcined gypsum. 2,177,668; Oct. 31.
Marsh, Holdridge W. (See Thorp, J. R., and Marsh.)
Marsh, Jas. P., Corporation. (See Hedfield, Reynold T., assignor.)
Marsh, Jas. P., Corporation. (See Joyce, Harold L., assignor.)
Marsh, John H., Salford, England. Apparatus for the clearing and cleaning of yarns. 2,150,387; Mar. 14.
Marsh, John W., Washington, D. C. Transmission mechanism. 2,155,434; Apr. 25.
Marsh, John W., Washington, D. C. Torque transmitting device. 2,166,961; July 25.
Marsh, John W., Washington, D. C. Power-transmission gear. 2,168,359; Aug. 8.
Marsh, Myrle O., Fort Wayne, Ind., assignor to General Electric Company. Electrical apparatus casing. 2,185,032; Dec. 26.
Marsh, Reginald E., Bronxville, N. Y., assignor to Simplon Products Corporation. Furring system. 2,160,161; May 30.
Marsh, Thomas A. (See Carter, H. C., and Marsh.)
Marsh, Thomas A., Chicago, Ill., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Draft regulator for furnaces. 2,149,740; Mar. 7.
Marsh, Walter H., Crafton, and F. S. Brooks, Edgewood, assignors to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Rotary meter. 2,155,321; Apr. 18.
Marshall, Charles O., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Computing device. 2,147,304; Feb. 14.
Marshall, Charles O., and L. S. Williams, assignors to Toledo Scale Manufacturing Company, Toledo, Ohio. Computing device. 2,172,802; Sept. 12.
Marshall, Charles O., Jr., Chicago, Ill., and A. A. Loweke, assignors to Bendix Home Appliances, Inc., Detroit, Mich. Washing machine. 2,176,220; Oct. 17.
Marshall, Clinton E., Bronx, N. Y. Insigne insert clip. 2,159,745; May 23.
Marshall, Clinton E., Bronx, N. Y. Spring clip. 2,171,630; Sept. 5.
Marshall, Frank O. (See Parke, P., and Marshall.)
Marshall, Harold T., Sharon, assignor to The Kendall Company, Walpole, Mass. Curtain fabric. 2,164,998; July 4.
Marshall, Harry B. (See Britton, E. C., Marshall, and Davis.)
Marshall, Helen C. (See Shellabarger, Rolla A., assignor.)
Marshall, Hugh G., Monrovia, Calif. Section directory sign for stores. 2,142,200; Jan. 3.
Marshall & Ilsley Bank. (See Heller, M. T., assignor.)
Marshall & Ilsley Bank. (See Piazze, Thomas E., assignor.)
Marshall & Ilsley Bank. (See Thompson, Walter S., assignor.)

Marshall, James K. (See Soref, S. M., and Marshall.)
Marshall, James K., and S. M. Soref, assignors to Master Lock Company, Milwaukee, Wis. Combination padlock. 2,173,720; Sept. 19.
Marshall, Nick J., Sidney, Ohio. Trap. 2,168,132; Aug. 1.
Marshall, Thomas, Jr., Chicago, Ill. Process and apparatus for increasing fuel efficiency of internal combustion engines. 2,169,844; Aug. 15.
Marshall, Walton H., Jr., Nutley, N. J., assignor to The M. W. Kellogg Company, New York, N. Y. Production of hydrogen by the high pressure iron process. 2,182,747; Dec. 5.
Marshall, William, assignor to Briggs Manufacturing Company, Detroit, Mich. Sink cabinet. 2,146,969; Feb. 14.
Marshall, William, and P. M. Camiener, assignors to Briggs Manufacturing Company, Detroit, Mich. Seat construction. 2,145,660; Jan. 31.
Marshall, William B., assignor to Chain Belt Company, Milwaukee, Wis. Clarifying apparatus. 2,168,264; Aug. 1.
Marsico, Sisto E., Aspinwall, Pa. Insecticide and making the same. 2,158,241; May 16.
Marsilius, Newman M., Bridgeport, Conn. Heavy duty vise. 2,176,608; Oct. 17.
Marston, Curtis A., Portland, Oreg. Counting and recording machine. 2,153,808; Apr. 11.
Marston, O. B. (See Hayes, Curtis O., assignor.)
Marszalski, John, Buffalo, N. Y. Electric socket and electric bulb base. 2,172,086; Sept. 5.
Mart, Leon T., Mission Township, Johnson County, Kans. Cooling tower. 2,151,481; Mar. 21.
Martel, Adelard F., assignor of two-thirds to G. W. Gates, Burlingame, and one-third to A. H. Eldredge, San Francisco, Calif. Fire alarm system. 2,148,303; Feb. 21.
Martelli, Horatio, Middleburg, Va. Polisher. 2,149,061; Feb. 28.
Martellotti, Mario, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Machine tool transmission. 2,170,502; Aug. 22.
Martellotti, Mario, and H. Ernst, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Milling machine. 2,170,503; Aug. 22.
Martellotti, Mario E., assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Transmission and control mechanism for milling machines. 2,170,291; Aug. 22.
Marten, Thomas H., Toronto, Ontario, Canada. Device for the presentation of motion pictures. 2,147,305; Feb. 14.
Marten, William. (See Freed, Samuel, assignor.)
Martenis, William W., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Filter protection. 2,154,051; Apr. 11.
Martens, Ernest J., St. Louis, Mo. Window shade. 2,143,382; Jan. 10.
Marthiens, Waldemar. (See Schenk, W., and Marthiens.)
Marti, Othmar K. (See Bohn, D. I., and Marti.)
Martignoni, Marino S., Baltimore, Md., assignor of one-half to O. L. Barrett, Marceline, Mo. Time controlled radio switch. 2,166,601; July 18.
Martin, Adrian, New York, N. Y. Automatic time switch clock. 2,171,370; Aug. 29.
Martin, Alfred M., Park Ridge, Ill. Bookstand. 2,144,659; Jan. 24.
Martin, Alfred M., Park Ridge, Ill. Slip accounting device. 2,170,642; Aug. 22.
Martin, Angus A. (See Thompson, R. E., and Martin.)
Martin, Angus A., Boston, Mass. Safety razor. 2,143,276; Jan. 10.
Martin, Angus A., Dorchester, Mass. Safetypin. 2,175,060; Oct. 3.
Martin, Archibald, Union City, N. J., assignor to The Dentists' Supply Company of New York, New York, N. Y. Artificial tooth holder. 2,184,977; Dec. 26.
Martin, Archworth, Pittsburgh, Pa. Method of and apparatus for forming fabric structures. 2,162,818; June 20.
Martin, Archworth, Pittsburgh, Pa. Making plaster-ground fabric. 2,174,091; Sept. 26.
Martin, Archworth, Pittsburgh, Pa. Apparatus for forming fabric structures. 2,174,092; Sept. 26.
Martin, Archworth, Pittsburgh, Pa. Machine for making plaster ground. 2,179,128; Nov. 7.
Martin, Arthur, Arthur, Ill. Burial vault. 2,181,194; Nov. 28.
Martin Brothers Electric Company. (See Martin, Wendell L., assignor.)
Martin, Bryan K., Highland Park, Ill. Hook and fastener for curtains, draperies, and the like. 2,147,910; Feb. 21.
Martin, C. M., et al. (See Tilly, James O., assignor.)
Martin, Catherine H., Westport, Conn., assignor to Lord & Taylor, New York, N. Y. Sweater. 2,171,220; Aug. 29.
Martin, Charles. (See Bradshaw, Charles E., assignor.)
Martin, Charles A., Buffalo, N. Y. Machine for cutting tile and the like. 2,180,743; Nov. 21.
Martin, Charles C., Cleveland Heights, assignor to David Round & Son, Garfield Heights, Ohio. Ratchet mechanism for winches. 2,165,756; July 11.
Martin, Charles E., New York, N. Y. Bill-coin-key case. 2,154,857; Apr. 18.
Martin, Charles E., Binghamton, assignor to Endicott Johnson Corporation, Endicott, N. Y. Die stock and making cutting dies. 2,160,437; May 30.
Martin, Charles E., Binghamton, assignor to Endicott Johnson Corporation, Endicott, N. Y. Toe softener. 2,182,541; Dec. 5.
Martin, Charles H., et al. (See Meinholdt, Charles L., assignor.)
Martin, Charles H., West Springfield, Mass. Time-operated coin-controlled signal apparatus. 2,177,778; Oct. 31.
Martin-Copeland Company. (See Kirk, L. H., and Jacobson, assignors.)
Martin-Copeland Company. (See Kirk, L. H., and Plouffe, assignors.)
Martin Dennis Company, The. (See Bersworth, Frederick C., assignor.)
Martin, Dorr R., Detroit, Mich. Fertilizing nozzle. 2,165,868; July 11.
Martin, Edward J., Ferndale, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Dynamometer. 2,147,711; Feb. 21.
Martin, Edward J., East Chicago, Ind., assignor to Sinclair Refining Company, New York, N. Y. Refining. 2,178,078; Oct. 31.
Martin, Elmer R., Springfield, assignor to The Williams Company, London, Ohio. Polishing machine. 2,160,885; June 6.
Martin, Elmore L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reaction of alpha-halogenated ethers with olefines in the presence of titanium halide catalysts. 2,143,021; Jan. 10.
Martin, Elmore L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Diurethane-diamine polymeric materials. 2,181,663; Nov. 28.
Martin, Erich, Passau, Germany. Saw set device. 2,154,987; Apr. 18.
Martin, Erle. (See Caldwell, F. W., Martin, and Anderson.)
Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Aeronautical propeller having vibration controlling features. 2,144,428; Jan. 17.
Martin, Erle, West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Electrical engine control mechanism. 2,144,429; Jan. 17.
Martin, Erle, West Hartford, Conn., assignor, by mesne assignments, to United Aircraft Corporation. Hydraulic control mechanism. 2,160,025; May 30.
Martin, Ernest A., New York, N. Y. Sanitary dispenser. 2,165,933; July 11.
Martin, Ernest E., Fresno, assignor to Rosenberg Bros. & Co., San Francisco, Calif. Raisin cleaning method. 2,152,143; Mar. 28.
Martin, Eugene, Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Conveyer for locomotive stokers. 2,165,109; July 4.
Martin, Floyd R. (See Anderson, R. L., and Martin.)
Martin, Francis D. (See Buell, E. J., and Martin.)
Martin, Francis J., Quantico, Va. Necktie knot former or simulator. 2,142,322; Jan. 3.
Martin, Frank M. (See Davis, J. O., and Martin.)
Martin, Fred J., Jr., Toledo, Ohio. Shipping carton. 2,175,476; Oct. 10.
Martin, Fred P., et al. (See Meinholdt, Charles L., assignor.)
Martin, Frederick C., assignor to Eastman Kodak Company, Rochester, N. Y. Film holder. 2,180,010; Nov. 14.
Martin, Friedrich, Oberhausen, H. Tramm, Oberhausen-Holten, and R. Jung, Oberhausen-Sterkrade, assignors to Ruhrchemie Aktiengesellschaft, Oberhausen-Holtern, Germany. Heat treatment of hydrocarbon gases to dehydrogenate the same. 2,160,170; May 30.
Martin, George A. (See Baker, L., Martin, and Williams.)
Martin, George D., Nitro, W. Va., assignor to Monsanto Chemical Company, St. Louis, Mo. Stabilization of fatty acid compounds. 2,154,341; Apr. 11.
Martin, Glenn L., assignor to The Glenn L. Martin Company, Baltimore, Md. Aircraft construction. 2,147,795; Feb. 21.
Martin, Glenn L., Company, The. (See Adams, Parks M., assignor.)
Martin, Glenn L., Company, The. (See Bell, Ralph L., assignor.)
Martin, Glenn L., Company, The. (See Burke, H. E., Frey, and Gray, assignors.)
Martin, Glenn L., Company, The. (See Dale, Hubert S., assignor.)
Martin, Glenn L., Company, The. (See Dart, Edward W., assignor.)
Martin, Glenn L., Company, The. (See Jacobson, J. M., and Watter, assignors.)
Martin, Glenn L., Company, The. (See Klemm, Herman G., assignor.)
Martin, Glenn L., Company, The. (See Martin, Glenn L., assignor.)
Martin, Glenn L., Company, The. (See McCarty, L. C., Jr., and Nightingale, assignors.)
Martin, Glenn L., Company, The. (See McDonnell, James S., Jr., assignor.)
Martin, Glenn L., Company, The. (See Overbeke, John W., assignor.)
Martin, Glenn L., Company, The. (See Watter, Michael, assignor.)

Martin, H. H., Products Corporation. (See Martin, Herman H., assignor.)
Martin, Harold K. (See Shaver, W. W., and Martin.)
Martin, Harold K., Beaver Dams, assignor to Corning Glass Works, Corning, N. Y. Ground glass joint. 2,154,574; Apr. 18.
Martin, Harvey N., Long Beach, Calif. Tail wheel assembly. 2,179,877; Nov. 14.
Martin, Henry, Jr., Wadsworth, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Mold for making pliable plastic articles. 2,148,079; Feb. 21.
Martin, Henry C., Montclair, N. J., and L. R. Claflin, Scarsdale, assignors to Van Raalte Company, New York, N. Y. Stocking and making the same. 2,164,749; July 4.
Martin, Herbert, assignor to J. Eberspacher, Esslingen-on-the-Neckar, Germany. Silencer. 2,166,670; July 18.
Martin, Herbert E., Cumberland, Md., assignor to Celanese Corporation of America. Concentration of aliphatic compounds. 2,156,344; May 2.
Martin, Herbert E., Cumberland, Md., assignor to Celanese Corporation of America. Concentration of aliphatic acids. 2,156,345; May 2.
Martin, Herbert E., Cumberland, Md., assignor to Celanese Corporation of America. Concentration of aliphatic acids. 2,156,346; May 2.
Martin, Herbert E., Cumberland, Md., assignor to Celanese Corporation of America. Treating anhydrides. 2,170,972; Aug. 29.
Martin, Herbert E., Cumberland, Md., assignor to Celanese Corporation of America. Organic esters of cellulose and making the same. 2,177,903; Oct. 31
Martin, Herman H., Toledo, assignor to H. H. Martin Products Corporation, Cleveland, Ohio. Dispensing closure. 2,181,335; Nov. 28.
Martin, Horace G., Jr., Brooklyn, N. Y. Telegraphic transmitter. 2,148,028; Feb. 21.
Martin Industrial Development Co. (See Greenbaum, Martin, assignor.)
Martin, James, Higher Denham, near Uxbridge, England. Safety device for airplanes. 2,161,520; June 6.
Martin, James M., assignor to Jaxon Farm Equipment Company, Jackson, Mich. Tractor coupling. 2,168,265; Aug. 1.
Martin, James W. (See McKee, R. H., and Martin.)
Martin, James W., Yonkers, N. Y. Refrigerating apparatus. 2,152,967; Apr. 4.
Martin, Jean R. L., New York, N. Y. Varnish. 2,162,225; June 13.
Martin, Jennie J., St. Ignace, Mich. Fishing device. 2,149,923; Mar. 7.
Martin, Jerome, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Heat transfer agent. 2,146,343; Feb. 7.
Martin, Jerome, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Vapor phase nitration of the lower alkanes. 2,153,065; Apr. 4.
Martin, Jerome, assignor to Commercial Solvents Corporation, Terre Haute, Ind. Aminohydroxy compounds as wetting agents. 2,181,534; Nov. 28.
Martin, Jerome, and E. B. Hodge, assignors to Commercial Solvents Corporation, Terre Haute, Ind. Cyclic process for the production of nitro-paraffins. 2,150,123; Mar. 7.
Martin, John N., Tusa, Okla. Piston. 2,167,811; Aug. 1.
Martin, Josef, Munich, Germany. Ash removing device. 2,160,026; May 30.
Martin, Joseph, Laurelton, assignor to United States Cabinet Bed Co., Brooklyn, N. Y. Couch bed. 2,143,355; Jan. 10.
Martin, Joseph, Laurelton, assignor to United States Cabinet Bed Co., Brooklyn, N. Y. Studio couch. 2,161,514; June 6.
Martin, Louis, New York, N. Y. Making screens for printing of textiles, etc. 2,176,634; Oct. 17.
Martin, Louis D., assignor to Eastman Kodak Company, Rochester, N. Y. Control mechanism for gear shaping machines. 2,161,365; June 6.
Martin, Louis F., Jr., assignor of one-half to L. H. Sprague, Winchester, Tenn. Prescription powder divider. 2,170,150; Aug. 22.
Martin Machinery Corporation. (See McFarlane, Edwin C., assignor.)
Martin, Marcel A., Paris, France, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Light projecting device. 2,182,155; Dec. 5.
Martin, Michael A., Erie, Pa. Refrigerating system and apparatus. 2,150,233; Mar. 14.
Martin, Michael A., Erie, Pa. Refrigerating unit. 2,153,335; Apr. 4.
Martin, Otis C., Los Angeles, Calif., assignor to Electrical Research Products, Inc. Ribbon mount for light valves. 2,182,849; Dec. 12.
Martin-Parry Corporation. (See Small, Frederick M., assignor.)
Martin, Ralph D., Washington, D. C. Game. 2,152,747; Apr. 4.
Martin, Raymond J., White Plains, N. Y. Areaway construction. 2,162,628; June 13.
Martin, Samuel, Jr., Verona, N. J., assignor to General Electric Company. Zone heating system. 2,153,382; Apr. 4.
Martin & Schwartz, Inc. (See Nelson, David J., assignor.)
Martin & Schwartz, Inc. (See Pleuthner, Charles, assignor.)
Martin, Sidney W., Chicago, Ill. Running gear correcting apparatus. 2,177,669; Oct. 31.
Martin, Sterling T., Charleston, W. Va. Transference apparatus. 2,166,169; July 18.
Martin, Stoddard B., Lakewood, Ohio. Collet. 2,155,019; Apr. 18.
Martin, Stoddard B., Lakewood, Ohio. Stock gripping means. 2,169,107; Aug. 8.
Martin, Stoddard B., Lakewood, Ohio, and C. B. Waechter, Bradford, Pa. Pipe coupling lock. 2,177,184; Oct. 24.
Martin, Thomas B., Horseheads, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Variable speed transmission. 2,156,698; May 2.
Martin, Thomas B., Horseheads, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Variable speed gearing. 2,167,846; Aug. 1.
Martin, Wendell L., Cleveland Heights, assignor to The Martin Brothers Electric Company, Cleveland, Ohio. Support for hair driers or the like. 2,142,570; Jan. 3.
Martin, Wilfred S., Norwood, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Detergent and wetting compositions. 2,156,996; May 2.
Martin, Wilfred S., Norwood, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Preparation of detergents. 2,166,314; July 18.
Martin, Wilfred S., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Detergent and preparation thereof. 2,166,315; July 18.
Martin, Wilhelm, Oberbruch, Bez, Aachen, Germany, assignor to North American Rayon Corporation, New York, N. Y. Polishing of spinnerettes. 2,159,391; May 23.
Martin, William, Vancouver, British Columbia, Canada. Treating peat. 2,146,902; Feb. 14.
Martin, William F., Amarillo, Tex. Calculating machine. 2,166,845; July 18.
Martin, William H. (See Töpper, Ernst, assignor.)
Martin, William H., Detroit, Mich. Safety fluid pressure control valve. 2,148,703; Feb. 28.
Martin, William H., Pleasant Ridge, Mich. Welding machine. 2,173,368; Sept. 19.
Martindale, Alpheus R., Cambridge City, Ind. Separable hinge. 2,171,038; Aug. 29.
Martindale, Homer D., Middletown, assignor to The Black-Clawson Company, Hamilton, Ohio. Paper refining engine plug. 2,146,830; Feb. 14.
Martindell, Frank, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Terminal for electrical devices. 2,150,388; Mar. 14.
Martindell, Frank, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and machine for winding coils. 2,158,827; May 16.
Martindell, Frank, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Winding machine. 2,172,770; Sept. 12.
Martindell, Frank, Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,177,457; Oct. 24.
Martinet, Eugene F., assignor to The P. A. Geier Company, Cleveland, Ohio. Food preparer. 2,143,202; Jan. 10.
Martinet, Eugene F., assignor to The P. A. Geier Company, Cleveland, Ohio. Suction cleaner construction. 2,146,152; Feb. 7.
Martinet, Eugene F., assignor to The P. A. Geier Company, Cleveland, Ohio. Food preparer. 2,169,323; Aug. 15.
Martinet, Eugene F., assignor to The P. A. Geier Company, Cleveland, Ohio. Suction cleaner brush. 2,176,769; Oct. 17.
Martinet, Eugene F., assignor to The P. A. Geier Company, Cleveland, Ohio. Suction cleaner construction. 2,179,665; Nov. 14.
Martinet, Eugene F., assignor to The P. A. Geier Company, Cleveland, Ohio. Tubular coupling for suction cleaners and the like. 2,184,881; Dec. 26.
Martinet, Eugene F., Cleveland, and E. J. Kasper, East Cleveland, assignors to The P. A. Geier Company, Cleveland, Ohio. Self-aligning bearing. 2,143,201; Jan. 10.
Martínez, B., Augustín, Mexico, D. F., Mexico. Thrashing cylinder with radial bars and safety teeth. 2,149,704; Mar. 7.
Martínez, Bedolla, Augustín, Mexico, D. F., Mexico. Threshing machine with open centrifugal chamber. 2,154,483; Apr. 18.
Martinotti, Pietro, La Garenne, France. Centrifugal governor. 2,160,553; May 30.
Martins, Borge, Copenhagen, Denmark. Spring unit. 2,153,196; Apr. 4.
Marton, Anthony C. (See Dugan, T. M., and Marton.)
Marton, Moses, New York, N. Y. Fountain comb. 2,180,308; Nov. 14.
Martter, Joseph F. and P. F., Los Angeles, Calif. Container. 2,153,263; Apr. 4.
Martter, Perry F. (See Martter, Joseph F. and P. F.)
Marty, Adam. (See Sacker, Frank C., assignor.)
Marty, Adam, Monroe, Wis. Animal restrainer. 2,159,441; May 23.
Martz, Joseph J. (See Marczak, Joseph J.)
Martz, William H., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Electric heater. 2,175,668; Oct. 10.

Maruhn, Herbert, Berlin-Charlottenburg, Germany. Springing. 2,149,895; Mar. 7.
Marvel, Carl S. (See Zellhoefer, G. F., and Marvel.)
Marvel, Carl S. (See Zellhoefer, G. F., Marvel and Copley.)
Marvel, Carl S., and D. S. Frederick, Urbana, Ill.; said Frederick assignor to said Marvel. Olefin-sulphur dioxide reaction products. 2,169,363; Aug. 15.
Marvel, Carl S., Urbana, Ill., and D. S. Frederick, Moylan, Pa.; said Frederick assignor to said Marvel. Acylated olefin-sulphur dioxide reaction products. 2,169,364; Aug. 15.
Marvel Equipment Corporation. (See Roethel, John H., assignor.)
Marvel Equipment Corporation. (See Taylor, James W., assignor.)
Marvin, Charles B., and E. J. Podany, assignors to The Murray Corporation of America, Detroit, Mich. Welding machine. 2,178,877; Nov. 7.
Marvin, John T. (See Matthews, B. L., and Marvin.)
Marvin, John T., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Welding electrode. 2,180,813; Nov. 21.
Marvin, John T., Dayton, and E. D. Raney, assignors to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,183,967; Dec. 19.
Marvin, Ralph J., assignor of one-half to A. Wiebke, Los Angeles, Calif. Oil ring. 2,154,342; Apr. 11.
Marvin, Robert, Richmond, Va. Brush. 2,164,617; July 4.
Marvin, Stanley, San Francisco, assignor to B. E. Witkin, Oakland, Calif. Laundry press garment clamp. 2,159,667; May 23.
Marvin, Stanley, Burlingame, assignor to B. E. Witkin, Oakland, Calif. Electric flatiron. 2,162,918; June 20.
Marx, Alfred, Cologne-on-the-Rhine, Germany. Umbrella. 2,173,305; Sept. 19.
Marx, Frank A., assignor to The Richardson Taylor-Globe Corporation, Cincinnati, Ohio. Collapsible display container. 2,170,723; Aug. 22.
Marx, Frank A., assignor to The Richardson Taylor-Globe Corporation, Cincinnati, Ohio. Shipping container and carrier. 2,172,664; Sept. 12.
Marx, Frank L. (See Kear, F. G., and Marx.)
Marx, Frederick C., Cincinnati, assignor to The Heekin Can Company, Norwood, Ohio. Electromagnet. 2,173,212; Sept. 19.
Marx, Jacob, et al. (See Brown, Roy M., assignor.)
Marx, Joseph P., Hartford, Wis. Telescopic bushing. 2,183,296; Dec. 12.
Marx, Louis, & Company. (See Bonnett, John, assignor.)
Marx, Louis, & Company. (See Bonnett, J., and Schillace, assignors.)
Marx, Louis, & Company. (See Hathaway, Ralph A., assignor.)
Marx, Louis, & Company. (See Kelch, Lester F. and W. W., assignors.)
Marx, Louis, & Company. (See King, Roderick V., assignor.)
Marx, Louis, & Company. (See Lohr, Raymond, assignor.)
Marx, Louis & Company. (See Lohr, Raymond J., assignor.)
Marx, Louis, & Company. (See Lohr, R., and Carver, assignors.)
Marx, Louis, & Company. (See McKeige, Edward E., assignor.)
Marx, Louis, & Company. (See McKeige, E. E., and Smith, assignors.)
Marx, Louis, & Company. (See Randall, K., and Fleishman, assignors.)
Marx, Louis, & Company. (See Rexford, Willis, assignor.)
Marx, Louis, & Company. (See Rexford, Willis E., assignor.)
Marx, Louis, & Company. (See Rexford, W. E., and Randall, assignors.)
Marx, Louis, & Company. (See Smith, Anthony N., assignor.)
Marx, Peter, Hennef-on-the-Sieg, Germany. Apparatus for melting metals. 2,161,180; June 6.
Marx, Peter, Hennef-on-the-Sieg, Germany. Melting furnace. 2,161,181; June 6.
Marx, Robert D., Brooklyn, N. Y. Valve. 2,165,639; July 11.
Marx, Robert D., Brooklyn, N. Y. Tank truck valve. 2,165,640; July 11.
Marx, Walter S., Jr., Port Washington, N. Y., assignor to Printing Arts Research Laboratories, Inc. Preparing color-printing plates. 2,183,143; Dec. 12.
Maryland Paper Products Company. (See Toolan, John J., assignor.)
Masbruch, Henry, Platteville, Wis. Manifold cooled skating pond spray. 2,159,508; May 23.
Maschinenfabrik Augsburg-Nürnberg A. G. (See Jagschitz, Konrad, assignor.)
Maschinenfabrik Augsburg-Nürnberg A. G. (See Pielstick, Gustav, assignor.)
Maschinenfabrik Augsburg-Nurnberg A. G. (See Schütte, Alfred, assignor.)
Maschinenfabrik Carl Zangs A.-G. (Herm. Schroers Nachfl.). (See Dersen, Heinrich, assignor.)
Maschinenfabrik Esslingen. (See Kobold, Josef, assignor.)
Maschinenfabrik Heckmann G. m. b. H. (See Heckmann, Carl J., assignor.)
Maschinenfabrik Moenus Aktiengesellschaft. (See Muller, H., and Sauer, assignors.)
Maschmeyer, August H., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. Y. Pattern sorter. 2,172,756; Sept. 12.
Maschwitz, Percy A., assignor to The Pure Oil Company, Chicago, Ill. Promoting and controlling the polymerization of hydrocarbon gases. 2,159,746; May 23.
Maschwitz, Percy A., assignor to The Pure Oil Company, Chicago, Ill. Polymerization and cracking of hydrocarbon gas-mineral oil solutions. 2,177,146; Oct. 24.
Maschwitz, Percy A., Toledo, Ohio, assignor to The Pure Oil Company, Chicago, Ill. Method and apparatus for producing motor fuel. 2,165,804; July 11.
Mascré, Jacques E. J. G., Premery, assignor to Etablissements Lambiotte Freres, Premery (Nievre), France. Product for inhibiting the attack on metals by acids or salts and its applications. 2,160,406; May 30.
Mascuch, Joseph J., Newark, N. J., and A. S. Gorshkoff, New York, N. Y., assignors to Breeze Corporations, Inc., Newark, N. J. Bulkhead door. 2,156,635; May 2.
Maseco Corporation. (See Ellis, Charles A., assignor.)
Maseng, Olav. (See Allen, W. T., and Maseng.)
Maseng, Olav, Detroit, Mich. Electrical circuit breaker. 2,156,861; May 2.
Maser, Harold T., Schenectady, N. Y., assignor to General Electric Company. Electric discharge device. 2,166,817; July 18.
Mashak, Clare H., Hampton, N. Y. Stake hinge. 2,172,027; Sept. 5.
Mashbir, Sidney F., Washington, D. C., and M. A. Weckerly, assignors to Toledo Scale Manufacturing Company, Toledo, Ohio. Testing and weighing device. 2,176,864; Oct. 17.
Masin, Joseph, New York, N. Y. Percolator. 2,164,158; June 27.
Masin, Joseph, New York, N. Y. Percolator. 2,175,440; Oct. 10.
Masip, Joseph, A. Gandon, and J. Soler, New York, N. Y. Safety razor vending machine. 2,151,858; Mar. 28.
Maski, Andrew, Hartford, Conn. Bracelet fastening device. 2,146,125; Feb. 7.
Masland, C. H., & Sons, Inc. (See Masland, Charles H., 2nd, assignor.)
Masland, Charles H., 2nd, near Carlisle, assignor to C. H. Masland & Sons, Inc., Carlisle, Pa. Textile fabric. 2,174,991; Oct. 3.
Mason Box Company, The. (See Barnes, Aldrich B., assignor.)
Mason, Charles R., Schenectady, N. Y., assignor to General Electric Company. Protection of alternating current systems. 2,180,990; Nov. 21.
Mason, Clesson E., assignor to The Foxboro Company, Foxboro, Mass. Fluid-measuring apparatus. 2,179,219; Nov. 7.
Mason, Edwin R., assignor to Motor Products Corporation, Detroit, Mich. Rubbing machine. 2,170,643; Aug. 22.
Mason, Erwin S., Norwood, assignor to The J. H. Day Company, Cincinnati, Ohio. Feed control. 2,183,026; Dec. 12.
Mason, Frank. (See Myers, T. G., and Mason.)
Mason, Frank C., Fort Wayne, Ind., assignor to General Electric Company. Shaft seal. 2,145,123; Jan. 24.
Mason & Hanger Co. (See Donaldson, Francis, assignor.)
Mason, Harry R., Chicago, Ill. Oil controlling mechanism. 2,170,725; Aug. 22.
Mason, Haydn, New Hartford, N. Y. Treating material. 2,164,879; July 4.
Mason, Herman A., Springfield, Mass. Inclinometer. 2,149,401; Mar. 7.
Mason, Hobart, Westfield, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Electrical cable. 2,149,223; Feb. 28.
Mason, John, San Raphael, assignor to J. H. and M. C. Threlkeld, San Francisco, Calif. Beverage dispensing apparatus. 2,143,823; Jan. 10.
Mason, John C., Long Beach, Calif. Hydraulic drilling jack. 2,179,557; Nov. 14.
Mason, John E., Denver, Colo., and F. H. Ballou, Vancouver, British Columbia, Canada, assignors to The Stearns-Roger Manufacturing Company, Denver, Colo. Control for stream-conveyed material. 2,165,397; July 11.
Mason, John M., et al. (See French, James D., assignor.)
Mason, Morris B. (See Ther, E. J., and Mason.)
Mason-Neilan Regulator Company. (See Belaef, Nikolai, assignor.)
Mason-Neilan Regulator Company. (See Dahl, Edward T.)
Mason, R. E., et al. (See Clark, J. D., assignor.)
Mason, Ralph B. (See Edwards, J. D., and Mason.)
Mason, Ralph B., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Producing etched surfaces on aluminum. 2,168,909; Aug. 8.
Mason, Richard C., Tulsa, Okla. Measuring apparatus. 2,163,402; June 20.
Mason, Richard C., Tulsa, Okla. Pumping apparatus. 2,169,703; Aug. 15.
Mason, Silas Co. (See Parker, L. F., and Myer, assignors.)
Mason, Walden W. (See Raymond, G., and Mason.)
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave filter. 2,147,712; Feb. 21.

Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave transmission network. 2,149,356; Mar. 7.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric apparatus and circuits. 2,166,763; July 18.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical and electromechanical system employing magnetostrictive devices. 2,170,206; Aug. 22.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Piezoelectric element. 2,178,146; Oct. 31.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electro-optical apparatus. 2,179,098; Nov. 7.
Mason, Warren P., West Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave filter. 2,183,123; Dec. 12.
Mason, Warren P., West Orange, N. J., and R. A. Sykes, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric apparatus. 2,173,589; Sept. 19.
Mason, William H., assignor to Masonite Corporation, Laurel, Miss. Continuous production of ligno-cellulose fiber product. 2,167,440; July 25.
Mason, William S., Washington, D. C. Needle threader. 2,167,080; July 25.
Masoner, William J., Chicago, Ill. Adjustable joist support. 2,181,702; Nov. 28.
Masonite Corporation. (See Mason, William H., assignor.)
Massa, Anthony, Jersey City, N. J. Wheel. 2,176,914; Oct. 24.
Massa, Ernest A., Haddon Heights, and G. A. Morton, Audubon, N. J., assignors to Radio Corporation of America. Electric discharge device. 2,178,238; Oct. 31.
Massachusetts Institute of Technology. (See Milas, Nicholas A., assignor.)
Massachusetts Institute of Technology. (See Stockbarger, Donald C., assignor.)
Massalski, Joseph J., Clinton, Mass. Support device. 2,163,098; June 20.
Massey, Alfred N., San Francisco, Calif. Supercharger for internal combustion engines. 2,161,182; June 6.
Massey-Allen, Alfred, Watford, assignor to Joseph Lucas Limited, Birmingham, England. Spark ignition distributor for internal combustion engines. 2,165,196; July 11.
Massey, Carl H. (See Greene, Jesse T., assignor.)
Massey, Emmett, Proctor, assignor of one-half to O. C. Pittman, Chatfield, Ark. Combination lock ignition switch. 2,170,780; Aug. 22.
Massey-Harris Company. (See Ego, George R., assignor.)
Massey-Harris Company, The. (See Everett, Charles E., assignor.)
Massey-Harris Company Limited. (See Johnston, Howard M., assignor.)
Massey-Harris Company, Limited. (See Johnston, H. M., and Bjerre, assignors.)
Massey, William B., Southampton, Midlothian District, Va. Container. 2,162,853; June 20.
Massing, Leo, et al. (See Conger, Earnest J., assignor.)
Massom, George, et al. (See Bierbach, Carl F., assignor.)
Masson, Albert H., Baltimore, Md. Doughnut filling machine. 2,178,345; Oct. 31.
Masson, Claudius, Lyon, France. Machine for printing designs on fabrics. 2,162,440; June 13.
Masson, Peggy K., Forest Hills, Long Island, N. Y. Automatic gasoline station. 2,177,834; Oct. 31.
Massonneau, Robert F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric switch. 2,152,704; Apr. 4.
Mast, Joseph, Phoenix, Ariz. Machine for making pie dough or like pastries. 2,179,076; Nov. 7.
Masteller, Malcolm L., Miami, Fla. Hydraulic brake. 2,166,962; July 25.
Master Builders Company, The. (See Scripture, Edward W., Jr., assignor.)
Master Doughnut Machine Company. (See Korpan, John assignor.)
Master Doughnut Machine Company. (See Petzelt, Rudolph F., assignor.)
Master Electric Company, The. (See Berger, Arthur F., assignor.)
Master Lock Company. (See Marshall, J. K., and Soref, assignors.)
Master Lock Company. (See Soref, Harry E., assignor.)
Master Lock Company. (See Soref, H. E., and Marshall, assignors.)
Master Machine Mfg. Co. (See Oskow, Louis, assignor.)
Master Rule Manufacturing Company. (See Carlson, Frederick O., assignor.)
Masters, Arthur P., assignor of one-half to H. V. C. Welsby, Wellington, New Zealand. Game apparatus. 2,169,365; Aug. 15.
Masters, Clarence. (See Starr, R. H., Masters, and Litman.)
Masters, Edwin G., assignor to M. J. Masters, San Diego, Calif. Powder dispenser. 2,164,618; July 4.
Masters, Edwin L., Chicago, Ill. Plant setter. 2,171,067; Aug. 29.
Masters, Edwin L., Chicago, Ill. Cart. 2,171,068; Aug. 29.
Masters, Mollie J. (See Masters, Edwin G., assignor.)
Masters, Orville M., and H. G. Stager, Syracuse, N. Y. Shipping container construction. 2,160,221; May 30.
Masters, Paul G., Huntingdon Valley, assignor to Pennsylvania Wire Glass Company, Philadelphia, Pa. Glass wall. 2,176,654; Oct. 17.
Master Separator and Valve Company. (See Weisgerber, Edwin C. R., assignor.)
Master Venetian Blind Hardware Corp. (See Nisenson, Julius, assignor.)
Master Wire Die Corp. (See Simons, Leon, assignor.)
Mastic Asphalt Corporation. (See Maclean, R. S., and Pollard, assignors.)
Mastic Asphalt Corporation. (See Mattes, Lee H., assignor.)
Mastic Asphalt Corporation. (See Snyder, Gilbert, assignor.)
Mastini, Domenico, Rome, Italy. Radio receiver combined with coin collector boxes. 2,152,903; Apr. 4.
Mastney, Edward J., Berwyn, assignor to Oak Manufacturing Company, Chicago, Ill. Preselector. 2,161,183; June 6.
Mastney, Edward J., Berwyn, assignor to Oak Manufacturing Company, Chicago, Ill. Electric switch. 2,162,895; June 20.
Mastney, Edward J., Berwyn, assignor to Oak Manufacturing Company, Chicago, Ill. Mechanical preselector. 2,179,748; Nov. 14.
Masucci, Peter, Norwood, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Lyophilic biologically active substances. 2,149,304; Mar. 7.
Masucci, Peter, Norwood, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Antigenic polysaccharide complex. 2,166,963; July 25.
Matchett, Henry I., Philadelphia, Pa. Sealing tin-tie bags. 2,159,976; May 30.
Mateer, George L. (See Nichols, H. J., Jr., and Mateer.)
Mateer, George L., Roselle, and W. H. Rupp, Elizabeth, N. J., assignors to Standard Oil Development Company. Absorption of gases. 2,157,343; May 9.
Maters, Cornelis, Rotterdam, and M. J. Riemersma, Wassenaar, Netherlands, assignors to Hercules Powder Company, Wilmington, Del. Emulsifying agents and making same. 2,155,141; Apr. 18.
Matheny, Clifford C., Compton, Calif. Razor blade package. 2,149,176; Feb. 28.
Matheny, Willard R., administrator. (See Harnly, David H., assignor.)
Mather, Irwin E., Chicago, Ill. Range finder. 2,164,463; July 4.
Mather & Platt Limited. (See Jones, Thomas, M., assignor.)
Mather Spring Company, The. (See Figgie, H. E., and Hendrickson, assignors.)
Mather Spring Company, The. (See Hendrickson, Niels E., assignor.)
Matherne, Clarence A. (See Harris, J. M., Jr., and Matherne.)
Mathers, Frank C., Bloomington, Ind., and R. D. Blue, Midland, Mich. Electrodeposition of aluminum. 2,170,375; Aug. 22.
Mathes, Günther, Berlin-Siemensstadt, assignor to General Electric Company. Electromagnetic rail brake. 2,153,383; Apr. 4.
Mathes, Richard E. (See Moore, J. B., and Mathes.)
Mathes, Richard E. (See Spencer, J. A., and Mathes.)
Mathes, Richard E., Westfield, N. J., assignor to Radio Corporation of America. Start-stop printer adaptation to synchronous multiplex telegraphy. 2,167,247; July 25.
Mathes, Richard E., Westfield, N. J., assignor to Radio Corporation of America. Facsimile reproducing device. 2,167,460; July 25.
Mathes, Richard E., Westfield, N. J., assignor to Radio Corporation of America. Secrecy system for telegraphy. 2,175,847; Oct. 10.
Mathes, Robert C., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,164,335; July 4.
Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Manufacture of mercaptothiazolines. 2,170,059; Aug. 22.
Mathes, Roger A., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Manufacture of ammonium thiocyanate. 2,179,943; Nov. 14.
Mathesius, Walther, and M. A. Grossmann, Chicago, Ill.; said Grossman, assignor to United States Steel Corporation, New York, N. Y. Alloy steels. 2,155,349; Apr. 18.
Mathesius, Walther, Pittsburgh, Pa., and M. A. Grossmann, Chicago, Ill.; said Grossmann assignor to United States Steel Corporation, New York, N. Y. Alloy steels. 2,155,350; Apr. 18.
Matheson, Howard W., Montreal, Quebec, Canada. Compound glass. 2,155,142; Apr. 18.
Matheu, James M., Merrick, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 2,173,176; Sept. 19.
Mathews Conveyer Company. (See Hahn, Arthur M., assignor.)
Mathews Conveyer Company. (See Zink, William J., assignor.)
Mathews, John D., Oklahoma City, Okla. Fluid driven motor pump. 2,156,537; May 2.

Mathews, Paul, Rugby, England, assignor to General Electric Company. Parallel circuit control. 2,158,880; May 16.
Mathews, Verner P., Flint, assignor to General Motors Corporation, Detroit, Mich. Pivotal joint. 2,171,157; Aug. 29.
Mathews, William E., Birmingham, Ala. Stirrup assembly. 2,159,668; May 23.
Mathewson, Maxwell L., Providence, R. I., assignor to Brown and Sharpe Manufacturing Company. Driving connection for use in machine tools. 2,146,153; Feb. 7.
Mathewson, Maxwell L., and A. L. Krause, Providence, R. I., assignors to Brown and Sharpe Manufacturing Company. Grinding machine. 2,165,898; July 11.
Mathey, Alcide E., Newton, assignor to Scully Signal Company, Cambridge, Mass. Audible signaling means. 2,143,706; Jan. 10.
Mathey, Frank H., Tulsa, Okla. Weighing device. 2,183,817; Dec. 19.
Mathez, Paul. (See Petermann, Henri, assignor.)
Mathias, Samuel W., and M. A. Hollengreen, assignors to Landis Machine Company, Waynesboro, Pa. Die head. 2,154,006; Apr. 11.
Mathieson Alkali Works, Inc., The. (See Cunningham, George L., assignor.)
Mathieson Alkali Works, Inc., The. (See Hill, N. C., and Shannon, assignors.)
Mathieson Alkali Works, Inc. (See Logan, John O., assignor.)
Mathieson Alkali Works, Inc., The. (See MacMahon, James D., assignor.)
Mathieson Alkali Works, Inc., The. (See Michalek, J. C., and Soule, assignors.)
Mathieson Alkali Works, Inc. (See Petroe, Gregory A., assignor.)
Mathieson Alkali Works, Inc., The. (See Sommers, Howard A., assignor.)
Mathieson Alkali Works, Inc., The. (See Taylor, M. C., and White, assignors.)
Mathieson Alkali Works, Inc. (See Vincent, George P., assignor.)
Mathiesen, Peter, Lyndhurst, N. J. Bag. 2,165,869; July 11.
Mathieu, Gaston A., London, England, assignor to Radio Corporation of America. Short wave radio communication system. 2,173,911; Sept. 26.
Mathieu, Herman W. (See Rossander, S. S., and Mathieu.)
Mathieu, Herman W., and S. S. Rossander, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Intermediates for azo dyes. 2,161,628; June 6.
Mathis, John A., and R. W. Milan, Pinckneyville, Ill. Method and apparatus for evaporating liquid oxygen. 2,158,458; May 16.
Mathisen, Anders. (See Salmond, H. M., Mathisen, Palmer, and Goodall.)
Mathisen, Carl F. (See Werner, S. E., and Mathisen.)
Mathot, Suzanne R. (See Dalotel, Maurice A., assignor.)
Matoush, Leroy L., assignor to Papaya Corporation of America, New York, N. Y. Food concentrate of papaya. 2,178,593; Nov. 7.
Matrat, Gabriel, Paris, France. Reversible top for camera stands. 2,166,258; July 18.
Matson, Carl A., Lynnfield, Mass., assignor, by mesne assignments, of one-half to J. B. Jameson, Concord, N. H. No-roll-back device. 2,175,061; Oct. 3.
Matson, Walter F., Malden, Mass. Illumination indicator or telltale. 2,165,899; July 11.
Matsubara, Atsushi, Kamikyo-ku, Kyoto, Japan. Prospecting underground ore bodies. 2,153,636; Apr. 11.
Matt, Clayton B. (See Jeffery, J. H., and Matt.)
Matt, Ovillian, et al. (See Cormier, Farrier, assignor.)
Matta, Peter E., Chassell, Mich. Wrench. 2,148,080; Feb. 21.
Matter, Gustave O., Portland, Oreg. Game. 2,169,266; Aug. 15.
Matter, James K., La Grange, Ill., and G. J. Horak, assignors to The Aluminum Cooking Utensil Company, New Kensington, Pa. Method and apparatus for forming metallic receptacles. 2,160,975; June 6.
Matter, Max. (See Graenacher, C., and Matter.)
Mattern, D. Lewis. (See Erdman, Jay, assignor.)
Mattern, John F., Wilkinsburg, Pa., and V. H. Baker, Springfield, Ohio, assignors to Elliott Company, Pittsburgh, Pa. Tube cleaner. 2,178,801; Nov. 7.
Mattersdorf, Gustav, Lawrence, N. Y. Friction brake. 2,171,585; Sept. 5.
Mattes, Lee H., assignor to Mastic Asphalt Corporation, South Bend, Ind. Building covering material. 2,151,220; Mar. 21.
Matteson, Elwin A., assignor to The Aetna-Standard Engineering Company, Youngstown, Ohio. Coil feeding apparatus. 2,175,755; Oct. 10.
Matteson, Elwin A., Youngstown, and B. P. Finkbone, Middletown, assignors to The Aetna Standard Engineering Company, Youngstown, Ohio. Galvanizing machine. 2,183,890; Dec. 19.
Matteson, Nelson F., Washington, D. C., G. L. Bub, and R. Q. Moore, St. Louis, Mo. Framing light shutter lifter. 2,158,077; May 16.
Mattfeldt, Jessie, San Francisco, Calif. Safetypin. 2,161,260; June 6.
Matthaei, Curt, Offenbach-on-the-Main, Germany. Closing device for belt fasteners. 2,168,168; Aug. 1.
Matthaei, Frederick C., and N. C. Dooley, assignors to American Metal Products Company, Detroit, Mich. Making a torque tube. 2,162,510; June 13.
Matthai, William H., Garrison, Md., assignor to Homeland Mfg. Co. Inc. Newspaper tube. 2,172,742; Sept. 12.
Matthes, Archer L., Youngstown, Ohio. Vitreous enameled sheet and production thereof. 2,182,132; Dec. 5.
Matthes, Samuel S., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley wire support. 2,180,878; Nov. 21.
Matthews, Albert T., Silvertown, Ga., assignor of one-half to T. G. Graham, Akron, Ohio. Awning. Re. 21,053; Apr. 18.
Matthews, Albert T., Thomaston, Ga., and C. C. Cadden, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Apparatus sensitive to atmospheric conditions. 2,153,425; Apr. 4.
Matthews, Alexander G., Streatham, London, England. Transfers of display matter. 2,175,209; Oct. 10.
Matthews, Birchard L., assignor to The Patrol Valve Company, Cleveland, Ohio. Thermostatic control device. 2,150,559; Mar. 14.
Matthews, Birchard L., Lakewood, and J. T. Marvin, Fairview Village, assignors to The Patrol Valve Company, Cleveland, Ohio. Ignition system and cut-off. 2,155,976; Apr. 25.
Matthews, Calvin M., Hampton, Va. Motor vehicle construction. 2,167,664; Aug. 1.
Matthews, Claud L., St. Louis, C. E. Mosley, Richmond Heights, and T. Birkenmaier, assignors to W. N. Matthews Corporation, St. Louis, Mo. Fuse. 2,154,688; Apr. 18.
Matthews, Claud L., St. Louis, C. E. Mosley, Richmond Heights, and T. Birkenmaier, assignors to W. N. Matthews Corporation, St. Louis, Mo. Wire terminal. 2,154,689; Apr. 18.
Matthews Conveyor Company. (See Bowen, Merel S., assignor.)
Matthews Conveyor Company. (See Wylie, Howard W., assignor.)
Matthews Conveyer Company. (See Zink, William J., assignor.)
Matthews, Elmer C., West Sand Lake, assignor to Thermo Mills, Inc., Hudson, N. Y. Yarn stripe attachment for circular spring needle knitting machines. 2,144,189; Jan. 17.
Matthews, George, and H. E. Churchill, assignors to The Studebaker Corporation, South Bend, Ind. Frame. 2,163,694; June 27.
Matthews, George A., assignor to The Detroit Edison Company, Detroit, Mich. Circuit breaker. 2,167,665; Aug. 1.
Matthews, Howard W. (See Berger, E. J., and Matthews.)
Matthews, Jesse, Absecon, N. J. Screening machine. 2,142,794; Jan. 3.
Matthews, John G. (See Fetter, C. H., and Matthews.)
Matthews, Joseph H. (See Powley, H. S., and Matthews.)
Matthews, Joseph N., Lakewood, Ohio. Clamping mechanism. 2,176,915; Oct. 24.
Matthews, Muriel T., et al. (See Thomas, James R., assignor.)
Matthews, Philip E., Plainfield, N. J., assignor to Mack Manufacturing Corporation, Long Island City, N. Y. Independently sprung front wheel. 2,148,029; Feb. 21.
Matthews, Russell R., Cornwall, assignor to Firth Carpet Company, Inc., New York, N. Y. Carpet or rug fabric. 2,179,375; Nov. 7.
Matthews, Thomas A. P., Newport, Tenn. Sickle guard. 2,152,265; Mar. 28.
Matthews, W. N., Corporation. (See Birkenmaier, Theodore, assignor.)
Matthews, W. N., Corporation. (See Matthews, C. L., Mosley, and Birkenmaier, assignors.)
Matthews, Vinton H., assignor to Food Machinery Corporation, San Jose, Calif. Liquid distributing device. 2,182,927; Dec. 12.
Matthews, Wayne, Oakland, Calif. Battery. 2,159,034; May 23.
Matthias, Eugen, Celerina, Switzerland. Foot-sole-contour determining apparatus. 2,160,027; May 30.
Matthies, Kurt, Berlin-Siemensstadt, and H. Ganswindt, Berlin-Friedenau, assignors to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Lead wire construction. 2,162,489; June 13.
Matthies, William H., Hackensack, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Switching mechanism. 2,166,764; July 18.
Mattia, Pietro, Embabeh, Cairo, Egypt. Change speed mechanism. 2,182,542; Dec. 5.
Mattiotto, Paolo, Milan, Italy. Manufacturing water soluble artificial resins for treating textiles. 2,145,695; Jan. 31.
Mattlage, Walter F. H., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sheet material. 2,165,286; July 11.
Mattmann, Carl C., Jr., Great Neck, assignor to Eastman Kodak Company, Rochester, N. Y. Mixed fabric. 2,148,487; Feb. 28.
Mattocks, Arthur O., assignor to Short Brothers (Rochester & Bedford) Limited, Rochester, England. Hull of flying or motor boats. 2,180,250; Nov. 14.
Mattoon, Deo R., assignor to Corning Glass Works, Corning, N. Y. Handle for cooking utensils. 2,151,276; Mar. 21.
Mattoon, Deo R., assignor to Corning Glass Works, Corning, N. Y. Cooking utensil handle. 2,162,961; June 20.

Mattox, Ralph F., Dundalk, Md. Merchandise container and apparatus for transferring the same. 2,165,641; July 11.
Mattox, William J., and A. V. Grosse, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of anthracene. 2,180,814; Nov. 21.
Mattson, Arnold, Greeley, Colo. Tap lock expansion or cotter pin. 2,182,299; Dec. 5.
Mattson, Gust W., Chicago, Ill. Self-propelled water vehicle. 2,177,074; Oct. 24.
Mattson, Harry W., assignor of one-half to W. E. Kershaw, Yakima, Wash. Liquid transferring apparatus. 2,176,635; Oct. 17.
Mattson, Raymond L., Detroit, Mich. Apparatus for cutting gears. 2,177,147; Oct. 24.
Mattsson, Nils S. A., and K. E. Dahlqvist, Kvitsleby, Sweden. Tape reel. 2,151,130; Mar. 21.
Matukawa, Taizo, Kyoto, and M. Ohta, Osaka, assignors to Kabushiki-Kaisha Takeda Chobei Shoten, Higashi-ku, Osaka, Japan. Preparation of vitabin B_1 and its analogous substances. 2,184,720; Dec. 26.
Matusita, Yosio, Yokahama, Japan, assignor to General Electric Company. Electric valve converting system. 2,180,991; Nov. 21.
Matveyeff, Michael N., Stratford, Conn., assignor of eighty per cent to E. C. Gillette and twenty per cent to J. P. Nikonow, New York, N. Y. Box stitching machine. 2,182,594; Dec. 5.
Matysik, Cashmire J., assignor to Louis F. Dow Company, St. Paul, Minn. Record holder. 2,172,665; Sept. 12.
Mau, William G. (See Baldwin, G. S., and Mau.)
Mau, William G., Cleveland, assignor to The American Laundry Machinery Company, Norwood, Ohio. Press control. 2,171,586; Sept. 5.
Maucher, Hans, New York, N. Y. Magazine pencil. 2,149,705; Mar. 7.
Maucher, Hans, assignor to Norma Multikolor, Inc., New York, N. Y. Mechanical pencil. 2,170,761; Aug. 22.
Mäueler, Carl, Wuppertal-Barmen, Germany. Varnishing sliding clasp fasteners. 2,151,558; Mar. 21.
Mauerer, Leopold, Chicago, assignor to Jefferson Electric Company, Bellwood, Ill. Transformer construction. 2,183,355; Dec. 12.
Mauersberger, Ernst A., Maarssen, Netherlands, assignor to Alframine Corporation, New York, N. Y. Acid addition compounds of higher fatty acid amides. 2,151,788; Mar. 28.
Maugard, Adolfo B., Mexico, D. F., Mexico. Mount for cinema cameras, etc. 2,156,862; May 2.
Maught, John A., New Orleans, La. Circuit breaker. 2,176,770; Oct. 17.
Maui Agricultural Company. (See Foster, J. P., and Joachim, assignors.)
Maul Macotta Corporation. (See Maul, Peter J., assignor.)
Maul, Michael, Berlin-Johannisthal, assignor to the firm Deutsche Hollerith Maschinen G. m. b. H., Berlin-Lichterfelde-Ost, Germany. Addressing machine with counter. 2,146,307; Feb. 7.
Maul, Peter J., assignor to Maul Macotta Corporation, Detroit, Mich. Building unit. 2,173,213; Sept. 19.
Maurath, George A., Cleveland, and H. D. Leverett, East Cleveland, Ohio; said Leverett assignor to said Maurath. Article feeding apparatus. 2,167,049; July 25.
Maurel, Henry F., assignor to Maurel Investment Corporation, Providence, R. I. Baking fuel briquettes. 2,164,933; July 4.
Maurel Investment Corporation. (See Maurel, Henry F., assignor.)
Maurer, Albrecht, Bad Homburg von der Hohe, Germany, assignor to Link-Belt Company, Chicago, Ill. Chain. 2,179,944; Nov. 14.
Maurer, Edwin R., assignor to Chrysler Corporation, Detroit, Mich. Driving mechanism. 2,154,575; Apr. 18.
Maurer, Edwin R., assignor to Chrysler Corporation, Detroit, Mich. Clutch. 2,179,945; Nov. 14.
Maurer, Edwin R., assignor to Chrysler Corporation, Detroit, Mich. Driving mechanism and clutch therefor. 2,182,404; Dec. 5.
Maurer, Edwin R., Detroit, and J. H. Coyne, assignors to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,159,442; May 23.
Maurer, Harry A. (See Reed, K. W., and Maurer.)
Maurer, Herman W., Cleveland Heights, Ohio. Fireplace heater. 2,181,624; Nov. 28.
Maurer, John F., Jr., North Bergen, N. J. Bottle crate. 2,154,100; Apr. 11.
Maurer, John F., Jr., North Bergen, N. J. Bottle crate. 2,154,101; Apr. 11.
Maurer, Keith L., Rockville Centre, N. Y., and L. K. Swart, Mountain Lakes, N. J., assignors to American Telephone and Telegraph Company. Electrical protective system. 2,143,992; Jan. 17.
Maurer, Paul H., Birmingham, Mich., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Engine starter control. 2,151,041; Mar. 21.
Maurer, William O., Cincinnati, Ohio, assignor to G. H. Hutaff, Jr., Wilmington, N. C. Fishhook. 2,149,062; Feb. 28.
Mauro, Oswald G. (See Dons, E. M., Mauro, and Mapes.)
Maury, Alfred D., Ilion, N. Y. Automatic fishing reel. 2,175,756; Oct. 10.
Maus, Albert C., St. Louis, Mo., assignor to Roesch Porcelain Construction, Inc., Belleville, Ill. Supporting structure for porcelain enameled pans. 2,171,221; Aug. 29.
Maus, Karl, Berlin, Germany. Dehydrating comminuted potatoes and root crops. 2,185,129; Dec. 26.
Mauser-Werke A.-G. (See Ebert, Fritz, assignor.)
Mauser-Werke A.-G. (See Mohn, Otto, assignor.)
Mauser-Werke A.-G. (See Seidel, Alex, assignor.)
Mausolf, George A., assignor to The Waterbury Button Company, Waterbury, Conn. Ocarina. 2,145,605; Jan. 31.
Maussenet, John W., New York, N. Y. Nonrefillable bottle. 2,146,903; Feb. 14.
Maute, Carl F., Buffalo, N. Y. Retaining means for punches. 2,152,072; Mar. 28.
Mauthe, Gustav. (See Fellmer, E., Mauthe, and Noerr.)
Mauthe, Gustav. (See Noerr, H., and Mauthe.)
Mauthe, Gustav, and H. Noerr, Opladen, near Cologne, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of tanning agents. 2,184,622; Dec. 26.
Mautsch, Robert, Brussels, Belgium. Electric furnace for melting metals. 2,159,169; May 23.
Mautsch, Robert H., Brussels, Belgium, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Vehicle heating apparatus. 2,155,278; Apr. 18.
Mautz, Ferdinand L., Inglewood, assignor to W. W. Hartman, Los Angeles, Calif. Knife grinding machine. 2,183,995; Dec. 19.
Mautz, W. P. (See Jeffrey, Clarence L., assignor.)
Mauzin, André E., Fontenay-aux-Roses, France. Device for the continuous determination and recording of the cant of a railway track. 2,167,081; July 25.
Maves, Stanley E., assignor to Western Newell Manufacturing Co., Freeport, Ill. Display device for elongate articles. 2,181,459; Nov. 28.
Mavity, Julian M. (See Grosse, A. V., and Mavity.)
Mavrogenis, Aristote, Camden, N. J., assignor to Radio Corporation of America. Radio circuits. 2,165,714; July 11.
Mawen Motor Corporation. (See Meyer, André J., assignor.)
Mawhinney, Matthew H., Salem, Ohio. Heating. 2,177,733; Oct. 31.
Max, Frederich F., Chicago, Ill., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Presser device for sewing machines. 2,174,290; Sept. 26.
Max, Stephen J., Buffalo, N. Y. Automobile slide aerial. 2,159,903; May 23.
Maxcy, John D., Albany, Calif., assignor to Carbide and Carbon Chemicals Corporation. Composition of matter. 2,170,744; Nov. 21.
Maxfield, Daniel E., Philadelphia, assignor to Stokes and Smith Company, Summerdale, Pa. Method of and apparatus for making packages. 2,145,941; Feb. 7.
Maxfield, Daniel E., Philadelphia, assignor to Stokes and Smith Company, Summerdale, Pa. Making packages. 2,146,308; Feb. 7.
Maxfield, Daniel E., assignor to Stokes and Smith Company, Summerdale, Philadelphia, Pa. Making containers. 2,146,831; Feb. 14.
Maxfield, Daniel E., Philadelphia, assignor to Stokes and Smith Company, Summerdale, Pa. Manufacture of filled containers. 2,154,521; Apr. 18.
Maxfield, Daniel E., Philadelphia, assignor to Stokes and Smith Company, Summerdale, Pa. Making sealed packages. 2,160,367; May 30.
Maxfield, Omer R., Temple, Tex. Roof seaming machine. 2,160,336; May 30.
Maxham, Daniel W., Austell, Ga. Twister. 2,143,203; Jan. 10.
Maxham, Elmer E., Beverly, N. J., assignor to Philco Radio and Television Corporation, Philadelphia, Pa. Compensating condenser. 2,179,417; Nov. 7.
Maxim Silencer Company, The. (See Bourne, Roland B., assignor.)
Maxolite Holdings Limited. (See MacCallum, Frank, assignor.)
Maxon, Glenway, Jr., Milwaukee, Wis. Traction mechanism. 2,152,654; Apr. 4.
Maxson, Louis A., Claremont, N. H., assignor to Sullivan Machinery Company. Method and apparatus for size reduction. 2,171,515; Aug. 29.
Maxson, William L., Norfolk, Va. Computing mechanism. 2,145,843; Jan. 31.
Maxwell, James F., Chickasaw, Ala. Fishing rod. 2,180,323; Nov. 14.
Maxwell, Joseph A., Drew, Miss. Vehicle direction signal. 2,182,699; Dec. 5.
Maxwell, Joseph A., O. S. Crosthwaite, and C. L. Duggan, Drew, assignors of one-fourth to O. P. Gooch, Cleveland, Miss. Tray. 2,177,575; Oct. 24.
Maxwell, Robert O. (See Townsend, W. E., and Maxwell.)
Maxwell, Robert W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Organic starch derivatives and process. 2,148,951; Feb. 28.
Maxwell, Robert W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing cellulose ethers and products. 2,148,952; Feb. 28.
Maxwell, Robert W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dissolving alkali soluble cellulose derivatives. 2,160,106; May 30.
Maxwell, Robert W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Viscose-cellulose ether solution. 2,162,460; June 13.

Maxwell, Robert W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing N-methyl beta hydroxy ethylamines. 2,163,099; June 20.
Maxwell, Robert W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of mixed cellulose esters. 2,175,357; Oct. 10.
Maxwell, Robert W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Adhesive. 2,182,524; Dec. 5.
Maxwell, Robert W., and J. H. Shipp, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing cellulose derivatives. 2,160,107; May 30.
Maxwell, Thomas, Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Broaching device. 2,165,977; July 11.
Maxwell, Thomas, Pittsburgh, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Tool protector. 2,177,531; Oct. 24.
Maxwell, Walter, assignor of one-tenth to H. G. Hambright, one-tenth to J. B. Vedder, one-tenth to A. Merkel, one-tenth to I. Jones, and one-tenth to R. R. Williams, Marshfield, Wis. Traction wheel. 2,178,105; Oct. 31.
Maxwell, William H. (See Ammen, F. D., and Maxwell.)
Maxwell, William H., Newport Beach, assignor to Baash-Ross Tool Company, Los Angeles, Calif. Drive bushing for rotary tables. 2,174,108; Sept. 26.
May, David T., Port Washington, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Protective device. 2,179,826; Nov. 14.
May, Erich. (See Waldorf, H. W., and May.)
May, Erwin, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Motion picture film drive. 2,169,566; Aug. 15.
May, Erwin, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Geneva movement for motion picture projection. 2,169,567; Aug. 15.
May, Harold F. (See Haselton, M. L., and May.)
May, Henry E., Jr. (See Barclay, F. B., and May.)
May, Jack T., Brooklyn, Miss., dedicated to the free use of the People in the territory of the United States. Nursery cultivator. 2,172,764; Sept. 12.
May, John W. (See MacNeill, J. B., and May.)
May, John W., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Shockproof device. 2,162,511; June 13.
May, Rowland F. (See Edwards, W. F. M., and May.)
May, Rowland F., Potters Bar, assignor to Filter Tips Limited, London, England. Cigarette. 2,150,512; Mar. 14.
May, Samuel V., Little Falls, N. Y. Appliance for drying, finishing, and stretching the legs of slacks and trousers. 2,147,747; Feb. 21.
May, William A., Spokane, Wash. Device for holding dental floss. 2,182,525; Dec. 5.
Maybach, Karl, assignor to Maybach-Motorenbau, Gesellschaft mit beschrankter Haftung, Friedrichshafen-on-the-Bodensee, Germany. Automatic clutch control device. 2,144,074; Jan. 17.
Maybach, Karl, assignor to Maybach-Motorenbau G. m. b. H., Friedrichshafen, Germany. Device for actuating a clutch and a change speed gear in automobiles. 2,159,170; May 23.
Maybach, Karl, assignor to Maybach-Motorenbau G. m. b. H., Friedrichshafen, Germany. Control device for gear changing mechanism in motor vehicles. 2,176,916; Oct. 24.
Maybach, Karl, assignor to Maybach-Motorenbau G. m. b. H., Friedrichshafen, Germany. Fluid control mechanism for a change speed gear transmission operated by fluid pressure. 2,177,904; Oct. 31.
Maybach-Motorenbau, Gesellschaft mit beschrankter Haftung. (See Maybach, Karl, assignor.)
Maybach-Motorenbau Gesellschaft mit beschrankter Haftung. (See Meyer, Gustav, assignor.)
Maybach-Motorenbau G. m. b. H. (See Maybach, Karl, assignor.)
Maybach-Motorenbau Gesellschaft mit beschrankter Haftung. (See Dausch, Erwin, assignor.)
Maybach-Motorenbau Gesellschaft mit beschränkter Haftung. (See Meyer, Gustav, assignor.)
Maybach Motorenbau Gesellschaft mit beschränkter Haftung. (See Meyer, Gustav, assignor.)
Mayberry, Walter R., assignor to The Commonwealth Manufacturing Corporation, Cincinnati, Ohio. Aperiodic current. 2,172,050; Sept. 5.
Maycock, Russel L. (See Millar, R. W., and Maycock.)
Mayer, Arthur, Maspeth, N. Y. Handbag. 2,166,217; July 18.
Mayer, Bertram, and E. A. Henzi, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Polyazo dyestuffs. 2,156,597; May 2.
Mayer, Bruno, Crafton, assignor to Vanadium Corporation of America, Bridgeville, Pa. Extracting vanadium from vanadium-bearing silicates. 2,183,027; Dec. 12.
Mayer, Charles W., and W. Luelers, Rochester, N. Y.; said Luelers assignor to said Mayer. Coating machine. 2,146,507; Feb. 7.
Mayer, Hans, Berlin-Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Berlin-Siemensstadt, Germany. Amplifier. 2,162,267; June 13.
Mayer, Harry F., Schenectady, N. Y., assignor to General Electric Company. Equivalent capacitance network. 2,144,541; Jan. 17.
Mayer, James A. (See Park, Allan J., assignor.)
Mayer, Joseph E., assignor, by mesne assignments, to Specialty Merchandisers, Inc., Chicago, Ill. Spoon. 2,165,642; July 11.
Mayer, Karl, Frankfort-on-the-Main, Germany. Apparatus for making boots and shoes. 2,174,133; Sept. 26.
Mayer, Karl, Landau, Pfalz, Germany. Stiffening shoes. 2,170,376; Aug. 22.
Mayer, Lazare, Chicago, Ill. Hair net. 2,142,201; Jan. 3.
Mayer, Margaret B., and F. S. James, Philadelphia, Pa. Hydraulic brake appliance. 2,145,661; Jan. 31.
Mayer, Margaret B., and F. S. James, Philadelphia, Pa. Safety control for hydraulic brake appliances. 2,160,747; May 30.
Mayer, Max M., New York, N. Y. Resilient chair seat. 2,149,357; Mar. 7.
Mayer, Milton, assignor to Vanity Corset Co., New York, N. Y. Garment. 2,160,078; May 30.
Mayer, Philip J., West Bend, and F. H. Peters, Milwaukee, Wis. Fishing rod. 2,152,385; Mar. 28.
Mayer, Raoul G. (See Graham, J. B., and Mayer.)
Mayer, Richard. (See Burt, C. E., and Mayer.)
Mayer, Robert, New York, N. Y. Philatelic device. 2,159,486; May 25.
Mayer, Robert S., assignor to The Eimco Corporation, Salt Lake City, Utah. Flexible highway guard. 2,154,818; Apr. 18.
Mayers, Clifford L., Omaha, Nebr. Shaper attachment for a lathe. 2,183,461; Dec. 12.
Mayers, Fred T., Wichita Falls, Tex. Foot scraper. 2,176,917; Oct. 24.
Mayers, Horace C. (See Montgomery, Leon F., assignor.)
Mayers, Howard C., London, England. Coin-controlled device for regulating gas flow. 2,166,872; July 18.
Mayes, Alfred C., Walkerville, Ontario, Canada. Four wheel brake equalizing and control mechanism for vehicles. 2,162,852; June 20.
Mayes, Matthew T., 2d, Springfield, assignor to Gilber & Barker Manufacturing Company, West Springfield, Mass. Computing mechanism with bargain sale control for liquid dispensing apparatus. 2,173,590; Sept. 19.
Mayfield, Alfred C., Largo, assignor to Ken-Jon, Inc., Orlando, Fla. Fertilizer distributor. 2,162,689; June 20.
Mayfield, Evart E., Elsmere, assignor to Hercules Powder Company, Wilmington, Del. Making varnishes having high paraffin hydrocarbon tolerance, and the product thereof. 2,180,535; Nov. 21.
Mayfield, Orley J., assignor to Dr. Salsbury's Laboratories, Charles City, Iowa. Treatment of range paralysis. 2,173,440; Sept. 19.
Mayher, Carl W., Chicago, Ill. Temperature indicating mechanism. 2,161,879; June 13.
Mayhew, Clarence P., and G. P. Mayhew, Duluth, Minn. Hydraulic brake. 2,165,564; July 11.
Mayhew, George P. (See Mayhew, Clarence P., and G. P.)
Mayl, Edward, Suitland, Md. Golf tee. 2,153,260; Apr. 4.
Maynard, Arthur H., assignor to Boston Wire Stitcher Company, Warwick, R. I. Fastener applying implement. 2,150,332; Mar. 14.
Maynard, Arthur H., assignor to Boston Wire Stitcher Company, Warwick, R. I. Staple for blind stitching. 2,158,242; May 16.
Maynard, Arthur H., Warwick, and J. M. Gambao, East Greenwich, assignors to Boston Wire Stitcher Company, Warwick, R. I. Fastener-applying device. 2,181,904; Dec. 5.
Maynard, Guy, Lexington, Mass. Safety device for gasline leakage. 2,160,748; May 30.
Mayner, Stanley, Cleveland, Ohio. Valve control mechanism. (2,155,796; Apr. 25.
Mayner, Stanley, Cleveland Heights, Ohio. Control mechanism. 2,174,470; Sept. 26.
Maynes, Emma C. (See Maynes, Hyla F., assignor.)
Maynes, Hyla F., assignor of one-half to E. C. Maynes, North Tonawanda, N. Y. Making heat transfer units. 2,156,538; May 2.
Mayo, Edmund C. (See Hayes, Timothy A. J., assignor.)
Mayo, Edward L., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Apparatus for filling liquid receptacles. 2,154,175; Apr. 11.
Mayo, Edward L., assignor to The Bishop & Babcock Manufacturing Company, Cleveland, Ohio. Thermostat and mounting the same. 2,157,770; May 9.
Mayo, Edward L., assignor to The Bishop & Babcock Mfg. Company, Cleveland, Ohio. Cooling system for vehicles. 2,180,760; Nov. 21.
Mayo, Edward L., assignor to The Bishop & Babcock Manufacturing Company, Cleveland, Ohio. Heating and ventilating system. 2,183,996; Dec. 19.
Maytag Company, The. (See Bones, Walter, assignor.)
Maytag Company, The. (See Smith, Thomas R., assignor.)
Maywald, Eleanor A., executrix. (See Maywald, Frederick J.)
Maywald-Fleming Patents Company. (See Maywald, Frederick J. and F. J., Jr., assignors.)
Maywald, Frederick J., Jr. (See Maywald, Frederick J. and F. J., Jr.)
Maywald, Frederick J. and F. J., Jr., Rutherford, N. J. Sponge rubber and making same. 2,150,178; Mar. 14.

Maywald, Frederick J. and F. J., Jr., Rutherford, N. J.; E. A. Maywald, executrix of said F. J. Maywald, deceased, assignors to Maywald-Fleming Patents Company. Rubber compound and making same. 2,180,906; Nov. 21.
Maywood Chemical Works. (See Osborg, Hans, assignor.)
Mayzner, Mark S. (See Markush, E. A., Mayzner, and Miller.)
Maze, W. H., Company. (See Riedel, Joseph, assignor.)
Mazer, Jacob, Rockville, Centre, N. Y. Packaging machine. 2,149,400; Mar. 7.
Mazer, Louis, New York, N. Y. Combination brooch and dress clip. 2,153,022; Apr. 4.
Mazurek, Frank E. (See Seiden, E. J., and Mazurek.)
Mazza, Adolfo, Genoa, Italy. Sleeper for railways, tramways, and the like of cement-asbestos with metallic reinforcements. 2,169,704; Aug. 15.
Mazza, Joseph, Des Moines, Iowa. Football practice device. 2,153,384; Apr. 4.
Mazzanobile, Michael, New York, N. Y. Fluid dispenser. 2,165,398; July 11.
McAdams, Harry, assignor to Nolde and Horst Company, Reading, Pa. Knitting machine. 2,164,118; June 27.
McAdams, Harry, assignor to Nolde and Horst Company, Reading, Pa. Knitting machine. 2,164,119; June 27.
McAdams, Harry, assignor to Nolde and Horst Company, Reading, Pa. Knitting machine and method of producing stockings thereon. 2,164,337; July 4.
McAdams, Harry, assignor to The Nolde and Horst Company, Reading, Pa. Stitch transfer mechanism for knitting machines. 2,167,581; July 25.
McAdams, Harry, assignor to Nolde and Horst Company, Reading, Pa. Seamless knitted stocking and producing same. 2,171,452; Aug. 29.
McAdams, Harry, assignor to The Nolde and Horst Company, Reading, Pa. Binder and cutter mechanism for knitting machines. 2,173,788; Sept. 19.
McAdams, Harry, assignor to The Nolde and Horst Company, Reading, Pa. Knitting machine. 2,181,679; Nov. 28.
McAdams, James F., West Somerville, assignor to A. S. Campbell Co., Inc., East Boston, Mass. Vertical bumper. 2,145,814; Jan. 31.
McAdams, John L., Newton, Mass. Multiple copy pad. 2,178,878; Nov. 7.
McAdams, Joseph E., Springfield, Ohio, and W. D. Burton, Pasadena, Calif., assignors to The Steel Products Engineering Company, Springfield, Ohio. Power transmission mechanism. 2,145,942; Feb. 7.
McAdie, James, Dublin, Ireland. Apparatus for winding hair. 2,150,513; Mar. 14.
McAfee, James H., Falmouth, Maine, assignor to Deere & Company, Moline, Ill. Control device for dump rakes. 2,165,110; July 4.
McAfee, William M., Richmond, Va., assignor of one-half to Federal-Mogul Corporation, Detroit, Mich. Work holder for grinding machines. 2,153,261; Apr. 4.
McAleer, Charles F., assignor to Sutherland Paper Company, Kalamazoo, Mich. Box or container. 2,146,832; Feb. 14.
McAleer, Charles F., assignor to Sutherland Paper Company, Kalamazoo, Mich. Box or container. 2,146,833; Feb. 14.
McAlevy, Ambrose, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization of olefins. 2,183,503; Dec. 12.
McAllister, Franklin, Flushing, N. Y. Internal expansion stopper. 2,170,866; Aug. 29.
McAlister, John T., Spartansburg, S. C., dedicated to the free use of the People of the United States of America. Terrace channel checking device. 2,149,783; Mar. 7.
McAllister, Neil R., et al. (See Robbins, Martin V., assignor.)
McAllister, Robert W., Cambria Center, N. Y., assignor, by mesne assignments, to Mine Safety Appliances Company, Pittsburgh, Pa. Air-testing method. 2,176,462; Oct. 17.
McAllister, Sumner H. (See de Simó, M., and McAllister.)
McAllister, Sumner H., Lafayette, and W. A. Bailey, Jr., Berkeley, assignors to Shell Development Company, San Francisco, Calif. Manufacture of ketenes and olefines. 2,143,489; Jan. 10.
McAllister, Sumner H., Lafayette, C. M. Bouton, Canyon, and W. A. Bailey, Jr., Berkeley, assignors to Shell Development Company, San Francisco, Calif. Production of valuable products from ketols and/or aldols. 2,148,294; Feb. 21.
McAllister, Sumner H., Lafayette, assignor to Shell Development Company, San Francisco, Calif. Polymerization of olefins. 2,174,247; Sept. 26.
McAllister, Sumner H., Lafayette, and G. F. Johnson, assignors to Shell Development Company, San Francisco, Calif. Purification of relatively water insoluble derivatives of fatty acids. 2,167,931; Aug. 1.
McAllister, Sumner H., Lafayette, and E. F. Bullard, Oakland, assignors to Shell Development Company, San Francisco, Calif. Producing unsaturated carbonylic compounds. 2,174,830; Oct. 3.
McAllister, Walter G., and O. S. Michael, assignors to The Foxboro Company, Foxboro, Mass. Vernier rheostat. 2,176,090; Oct. 17.
McAllister, William J., Oak Park, Ill. Boiler construction. 2,178,376; Oct. 31.
McAninch, Herbert A. (See Bryant, J. M., and McAninch.)
McAninch, Herbert A., Indianapolis, Ind., assignor to Link-Belt Company. Roller chain and link for conveyers. 2,182,443; Dec. 5.
McArdle, Edward H., Elizabeth, and L. Roon, South Orange, N. J., assignors to Roxalin Flexible Lacquer Company, Incorporated. Making cigarettes. 2,149,896; Mar. 7.
McArthur, Clifford L. (See Hill, W. E., and McArthur.)
McArthur, Elmer D., Schenectady, N. Y., assignor to General Electric Company. Vacuum tube. 2,142,857; Jan. 3.
McArthur, Elmer D., Schenectady, N. Y., and H. E. Rowe, Pittsfield, Mass., assignors to General Electric Company. Demountable discharge apparatus. 2,169,879; Aug. 15.
McArthur, Joseph, assignor to James Heddon's Sons, Dowagiac, Mich. Ski pole. 2,157,420; May 9.
McAuliffe, Clifford L. (See Powell, William C., assignor.)
McAuliffe, Patrick F., Sydney, New South Wales, and R. B. Randell, Armadale, Victoria, Australia. Device for displaying wearing apparel. 2,162,919; June 20.
McAver, Walter J., Chicago, Ill. Concrete stair. 2,150,586; Mar. 14.
McAweeney, F. J., et al. (See Rogers, Leonard A., assignor.)
McBain, James W. (See Dole, R. A., and McBain.)
McBain, William C., Youngstown, Ohio. Roll bearing. 2,159,337; May 23.
McBain, William C., assignor to The Cold Metal Process Company, Youngstown, Ohio. Rolling mill control. 2,157,739; May 9.
McBain, William C., assignor to The Cold Metal Process Company, Youngstown, Ohio. Method of rolling. 2,166,418; July 18.
McBath, Bartley R., Jr., Verona, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Pumping unit. 2,149,454; Mar. 7.
McBean, Douglas M., assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Package and forming the same. 2,166,171; July 18.
McBee Company, The. (See Welk, N. S., and Hocker, assignors.)
McBee, Earl T. (See Hass, H. B., and McBee.)
McBirney, Nettie C., Tulsa, Okla. Piepan. 2,179,512; Nov. 14.
McBrady, John A., Valley City, N. Dak. Road working machine. 2,148,568; Feb. 28.
McBride, Clifford A., East Providence, R. I. Receptacle. 2,162,629; June 13.
McBride, James F., Arlington, assignor of one-half to O. A. Moeller, Orange, Va. Wood flooring. 2,149,026; Feb. 28.
McBride, Jesse E., Highland Park, assignor to Palmer-Bee Company, Detroit, Mich. Steel mill conveyer for heated material. 2,164,535; July 4.
McBride, Jesse L., Portland, Oreg. Discharging means for flush tanks. 2,169,845; Aug. 15.
McBride, John J., Bayonne, N. J., assignor to American Car and Foundry Company, New York, N. Y. Folding guardrail for railway cars. 2,164,586; July 4.
McBride, Lewis M., Corozal, Canal Zone. Disintegration, dispersion, stabilization, and collection of solid materials. 2,165,287; July 11.
McBride, Ray P. (See Bitler, W. T., Evans, and McBride.)
McBride, Samuel R., Ravenna, Ohio, assignor to H. L. F. Company, Los Angeles, Calif. Apparatus for treating metals. 2,148,391; Feb. 21.
McBride, V. S., administrator. (See Trayman, Albert.)
McBurney, Walter G. (See Cox, G. E., and McBurney.)
McBurney, Walter G. (See Cox, George E., and McBurney)
McCabe, Douglas, et al. (See Dils, Logan A., assignor.)
McCabe, Ira E., Chicago, Ill. Electrical control. 2,143,521; Jan. 10.
McCabe, Ira E., Chicago, Ill. Electric switch. 2,149,853; Mar. 7.
McCabe, Ira E., Chicago, Ill. Control system for stokers. 2,153,197; Apr. 4.
McCabe, Ira E., Chicago, Ill. Safety control switching mechanism for fluid fuel burners. 2,154,761; Apr. 18.
McCabe, Ira E., Chicago, Ill. Timed circuit breaker mechanism. 2,158,515; May 16.
McCabe, Ira E., Chicago, Ill. Electric switch. 2,159,392; May 23.
McCabe, Ira E., Chicago, Ill. Electric switch. 2,162,098; June 13.
McCabe, Ira E., Chicago, Ill. Automatic load control. 2,167,155; July 25.
McCabe, Ira E., Chicago, Ill. Safety control system for fluid fuel burners. 2,171,858; Sept. 5.
McCabe, Ira E., Chicago, Ill. Electric control. 2,171,859; Sept. 5.
McCabe, Ira E., Chicago, Ill. Electrically operated control. 2,171,860; Sept. 5.
McCabe, Ira E., Chicago, Ill. Adjustable mounting means. 2,171,861; Sept. 5.
McCabe, John J. (See Frantz, W. A., and McCabe.)
McCabe, John J., assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Motor support. 2,143,739; Jan. 10.
McCabe, John J., assignor to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Door latch. 2,144,737; Jan. 24.

McCabe, John J., Cleveland, and A. W. Seyfried, Shaker Heights, assignors to The Apex Electrical Manufacturing Company, Cleveland, Ohio. Operating handle for manually propelled tools. 2,162,313; June 13.
McCaffrey, John W., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,149,854; Mar. 7.
McCaffrey, Marion P. (See Ruddock, William, assignor.)
McCahan, John K. (See Hilbish, J. M., and McCahan.)
McCain, Cecil C. (See Larson, E. W., and McCain.)
McCain, Cecil C., Glen Ellyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Apparatus for selecting records. 2,146,834; Feb. 14.
McCaleb, Albert G. (See Allen, Hugh E., assignor.)
McCaleb, Albert G. M. (See Allen, Hugh E., assignor.)
McCall, Ada M. (See McCall, Thaddeus D., and A. M.)
McCall, Arthur H. (See Root, G. J., and McCall.)
McCall, Charles D., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Shaft mounting. 2,149,122; Feb. 28.
McCall Corporation. (See Eaton, Everett R., assignor.)
McCall, Frederick W., and E. M. Sheets, Miami, Fla. Fracture setting appliance. 2,180,251; Nov. 14.
McCall, James C. (See Roper, A. J., McCall, and Underwood.)
McCall, Thaddeus D., and A. M. McCall, Imperial, Calif. Quilting frame. 2,165,496; July 11.
McCalley, James B., assignor to Barry Automatic Trailer Inc., New York, N. Y. Automatic trailer construction. 2,166,846; July 18.
McCallum, Arthur, assignor to Flako Products Corporation, New Brunswick, N. J. Bag-opening machine. 2,183,081; Dec. 12.
McCallum, George B., Northampton, Mass. Cleaning device for winding machines and the like. 2,144,767; Jan. 24.
McCallum, George B., Northampton, Mass. Cleaning device for winding machines and the like. 2,144,768; Jan. 24.
McCandless, Lyon, Beaver Falls, assignor of forty-five percent to C. H. Beegle and ten percent to J. A. Elliott, Beaver County, Pa. Piston meter. 2,163,794; June 27.
McCandless, Paul C., Butler, Pa. Emergency circuit breaker. 2,182,300; Dec. 5.
McCann, Gertrude L., San Francisco, Calif. Article container. 2,163,759; June 27.
McCann, John F., Longmeadow, assignor to Baldwin-Duckworth Chain Corporation, Springfield, Mass. Speed reducing mechanism. 2,171,158; Aug. 29.
McCann, John H., and F. H. Seaburg, Waltham, Mass. Combined push button and illuminated house number device. 2,157,772; May 9.
McCann, John J., Lowell, and J. Stuer, Lawrence, Mass. Feeler and protector mechanism for single pick automatic looms. 2,166,071; July 11.
McCann, John J., Lowell, and J. Stuer, Lawrence, Mass., assignors to W. H. Baker, Montreal, Quebec, Canada. Weft cutting and holding device for looms. 2,169,768; Aug. 15.
McCann, Judson J., Lake Charles, La. Casing cutter. 2,158,243; May 16.
McCann, Michael, Ozone Park, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Guard attachment for sewing machines. 2,154,246; Apr. 11.
McCann, Paul S., La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Reel and a method of forming it. 2,152,522; Mar. 28.
McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,156,674; May 2.
McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,156,765; May 2.
McCann, Ronald A., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,156,766; May 2.
McCardell, Frances H., Selma, Ala. Hair curler. 2,171,836; Sept. 5.
McCardle, Lionel F., London, England. Suction cleaning tool. 2,148,125; Feb. 21.
McCarrol, James, Toronto, Ontario, and L. K. Cheswright, Swansea, Ontario, Canada. Time switch. 2,154,522; Apr. 18.
McCarroll, Francis, U. S. Navy. Parachute pack container. 2,150,179; Mar. 14.
McCarroll, Russell H., assignor to Ford Motor Company, Dearborn, Mich. Making thin walled plated pistons for internal combustion engines. 2,181,947; Dec. 5.
McCart, Lucien L., Los Angeles, Calif. Card slotter. 2,144,412; Jan. 17.
McCarthy, Arthur L., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Vacuum cleaner display device. 2,169,655; Aug. 15.
McCarthy, Charles S., assignor to The Logan Gear Company, Toledo, Ohio. Lever mechanism. 2,147,580; Feb. 14.
McCarthy, Charles S., assignor to The Logan Gear Company, Toledo, Ohio. Lever mechanism. 2,174,859; Oct. 3.
McCarthy, Charles S., and A. A. Warner, Detroit, Mich., assignors to The Logan Gear Company, Toledo, Ohio. Mechanism control. 2,173,332; Sept. 19.
McCarthy, Henry J., Danvers, assignor to Hygrade Sylvania Corporation, Salem, Mass. Electric discharge lamp. 2,181,296; Nov. 28.
McCarthy, John J., Malden, Mass. Internal combustion engine. 2,170,151; Aug. 22.
McCarthy, Joseph P., assignor to Modern Equipment Corporation, Defiance, Ohio. Lift structure. 2,184,801; Dec. 26.
McCarthy, Lewis M., New York, N. Y. Garbage, ash, and refuse disposal and land reclamation process. 2,164,536; July 4.
McCarthy, Timothy F., Indiana, Pa., assignor to Goodman Manufacturing Company, Chicago, Ill. Mining and apparatus therefor. 2,143,522; Jan. 10.
McCartney, Byron, et al. (See McCartney, Edward W., assignor.)
McCartney, Edward W., Joplin, assignor of one-half to A. Pfost, Drexel, Mo., and one-eighth to B. McCartney, Houston, Tex. Transplanter. 2,145,771; Jan. 31.
McCarty, Bernard Y., Beacon, assignor to The Texas Company, New York, N. Y. Separation of wax from hydrocarbon oil. 2,164,776; July 4.
McCarty, Bernard Y., and H. H. Gross, Beacon, assignors to The Texas Company, New York, N. Y. Solvent refining hydrocarbon oil. 2,164,777; July 4.
McCarty, Daniel J., Los Angeles, Calif. Device for placing bag covers over garments. 2,182,156; Dec. 5.
McCarty, James E. (See Schwall, G. J., and McCarty.)
McCarty, Lewis C., Jr., Baltimore, and R. G. Nightingale, Towson, assignors to The Glenn L. Martin Company, Baltimore, Md. Aircraft construction. 2,183,279; Dec. 12.
McCarty, Malcolm D., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Blasting machine. 2,160,222; May 30.
McCarty, Malcolm D., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Galvanometer. 2,161,744; June 6.
McCarty, Orin P., Pittsfield, Mass., assignor to General Electric Company. Transformer voltage regulating system. 2,156,997; May 2.
McCarty, Orin P., Pittsfield, Mass., assignor to General Electric Company. Electric circuit. 2,175,905; Oct. 10.
McCarvey, Julius E., Griffin, Ga. Loom attachment. 2,160,749; May 30.
McCashen, B. J. (See Hudson, Alexander A., assignor.)
McCaskey Register Company, The. (See Clark, Harold W., assignor.)
McCaul, John L. (See Powter, N. B., and McCaul.)
McCauley, George V., assignor to Corning Glass Works, Corning, N. Y. Ceramic mold. 2,160,438; May 30.
McCauley, John H., Hillside, N. J., assignor to J. F. Frese, Baltimore, Md., as trustee. Animated electrical discharge device. 2,149,224; Feb. 28.
McCauley, John H., Hillside, N. J., assignor to J. F. Frese, trustee, Baltimore, Md. Animated electrical discharge device. 2,161,716; June 6.
McCauley, John W., assignor of one-third to C. Cobb, Jr., and one-third to R. N. Bynum, Chapel Hill, N. C. Fuel composition. 2,147,540; Feb. 14.
McCauley, William T., Fallowfield, Ontario, Canada. Sanctuary candle stand and holder. 2,176,536; Oct. 17.
McChesney, Donald, and J. Cooper Solvay, assignors to Hall & McChesney, Inc., Syracuse, N. Y. Loose leaf binder. 2,164,659; July 4.
McChesney, Irvin G. (See Powell, S. T., and McChesney.)
McClain, John, Chicago, Ill. Gauge glass illuminating device. 2,154,819; Apr. 18.
McClain, Milford E., et al. (See Mohler, James V., assignors.)
McClane, Ross. (See Overman, Ivan J., assignor.)
McClary, Horace P., et al., executor. (See Cone, Frank L.)
McClatchie, John M. (See Taylor, B. E., and McClatchie.)
McClatchy, John B., Lower Merion, J. P. Mollenkof, Springfield Township, Montgomery County, and V. Mercaldo, Germantown, assignors to R. D. McClatchy, Overbrook, Pa. Building construction. 2,149,784; Mar. 7.
McClatchy, Rosemary D. (See McClatchy, J. B., Mollenkof, and Mercaldo, assignors.)
McClaughry, Charles D., Piedmont, Calif. Card holder. 2,162,025; June 13.
McClave, James M., Denver, Colo. Flotation apparatus. 2,168,942; Aug. 8.
McCleary, Byron J., Chicago, Ill. Watch rating recorder. 2,158,468; May 16.
McCleary, Harry R., St. Louis, Mo., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Preserving fowl carcasses, and the article produced. 2,174,924; Oct. 3.
McCleary, Louis F., and H. L. Hammond, Twin Falls, Idaho. Separator deck. 2,163,734; June 27.
McCleary, Rush F. (See Bruson, H. A., and McCleary.)
McCleery, Harold L., Downers Grove, assignor to A. J. Cline, Chicago, Ill. Roll changing apparatus for printing presses. 2,147,617; Feb. 14.
McClellan, Fred C., assignor, by mesne assignments, to Rayolite Rifle Company, Chicago, Ill. Target practicing apparatus. 2,181,948; Dec. 5.
McClellan, Thomas L., Los Angeles, Calif. Ice refrigerator. 2,148,081; Feb. 21.

McClendon, Wallace R., Houston, Tex., and W. D. Owsley, assignors to Halliburton Oil Well Cementing Company, Duncan, Okla. Multiple stage cementing. 2,155,609; Apr. 25.
McCline, Bert A., and B. N. Kyser, Monclova, Ohio. Fishing rod holder. 2,184,192; Dec. 19.
McClintic, Robert H. (See Carlson, George W., assignor.)
McClintock, Lynn H., Los Angeles, and N. B. Currier, Wilmington, Calif.; said Currier assignor to said McClintock. Paper roll holder and dispenser. 2,159,443; May 23.
McClinton, John, Houston, Tex. Side wall sampler. 2,176,375; Oct. 17.
McCloskey, William C., McKeesport, Pa., assignor to National Tube Company. Spinning tool. 2,173,759; Sept. 19.
McCloy, Graham S. (See Anderson, W. B., and McCloy.)
McCloy, Graham S., East Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Charging. 2,181,853; Nov. 28.
McCloy, Graham S., East Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,181,856; Nov. 28.
McCloy, Graham S., East Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration method. 2,182,855; Nov. 28.
McCluer, Wilbert B. (See Fenske, M. R., and McCluer.)
McCluer, Wilbert B., and M. R. Fenske, State College, Pa., assignors to Pennsylvania Petroleum Research Corporation. Treating mineral oils. 2,149,531; Mar. 7.
McCluer, Wilbert B., and M. R. Fenske, State College, Pa., assignors to Pennsylvania Petroleum Research Corporation. Treating mineral oils. 2,159,444; May 23.
McClung, Eugene F., Huntington Park, and P. S. Schildknecht, Los Angeles, Calif.; said Schildknecht assignor to said McClung. Mat. 2,144,683; Jan. 24.
McClung, Eugene F., Huntington Park, and P. S. Schildknecht, Los Angeles, Calif.; said Schildknecht assignor to said McClung. Punch press. 2,144,684; Jan. 24.
McClure, Benjamin C., Chicago, Ill. Fiberized mineral felt. 2,143,022; Jan. 10.
McClure, Benjamin C., Chicago, Ill. Fiberizing mineral compounds. 2,172,153; Sept. 5.
McClure, Ernest C., Wahroonga, New South Wales, Australia, assignor to Powers Accounting Machines, Limited, London, England. Calculating machine. 2,178,913; Nov. 7.
McClure, Hugh M., Kearney, Nebr. Ventilating window sash. 2,166,445; July 18.
McClure, James N., Monongahela, Pa. Mechanical interlock multiple apparatus controller. 2,150,838; Mar. 14.
McClure, Jay D., Lakeville, Ind. Caliper. 2,146,508; Feb. 7.
McClure, Ora D., Ishpeming, Mich. Mine skip. 2,161,583; June 6.
McClurg, Richard S., and D. L. Gibb, assignors to The Dow Chemical Company, Midland, Mich. Fabricating vinylidene chloride polymeric products. 2,176,091; Oct. 17.
McCluskey, Francis J., and C. A. Fox, assignors to James R. Kearney Corporation, St. Louis, Mo. Electrical switch. 2,179,749; Nov. 14.
McCluskey, Leroy M., Portland, Maine. Navigational and drafting instrument. 2,159,562; May 23.
McColloch, John M., Lakewood, assignor to The Otis Steel Company, Cleveland, Ohio. Roughening rolls. 2,146,683; Feb. 7.
McCollough, James H., Alameda, Calif., assignor to Universal Engine & Propeller Company. Tractor. 2,179,159; Nov. 7.
McCollum, Andrew O., assignor to Bendix Home Appliances, Inc., Detroit, Mich. Escapement mechanism. 2,162,352; June 13.
McCollum, Henry J. D., Evanston, and T. F. Spackman, Chicago, Ill.; said Spackman assignor to Stewart-Warner Corporation. Automobile heater. 2,177,114; Oct. 24.
McCollum, Henry J. De N. (See McCollum, James H. K. and H. J. De N.)
McCollum, James H. K. and H. J. De N., Evanston, Ill. Motor vehicle clutch control mechanism. 2,180,537; Nov. 21.
McCollum, James H. K. and H. J. De N., Long Branch, N. J. Vacuum power clutch. 2,181,491; Nov. 28.
McCombie, Horace R. (See Ruys, J. D., and McCombie.)
McCombs, William A., New York, N. Y. Exhibiting device. 2,160,886; June 6.
McConkey, Montgomery W. (See Dodge, A. Y., and McConkey.)
McConkey, Montgomery W., Chicago, Ill., assignor to General Motors Corporation, Detroit, Mich. Brake. Re. 21,280; Nov. 28.
McConkey, Walter N., Lima, Ohio. Thermal dilator. 2,168,427; Aug. 8.
McConkie, William R., Irvine, Ayrshire, Scotland. Device for use in waving or curling hair. 2,151,859; Mar. 28.
McConnell, Andrew J., Upper Darby, Pa., assignor to General Electric Company. Protective apparatus. 2,160,599; May 30.
McConnell, Burke M., Greensboro, N. C. Speed ratio indicator. 2,158,137; May 16.
McConnell, Charles, Port Norris, assignor of one-third to T. P. Key, Palmyra, N. J., and one-third to A. M. Robson, Philadelphia, Pa. Fishhook. 2,176,820; Oct. 17.
McConnell, Edmond S., Ossining, assignor to Anaconda Wire & Cable Company, New York, N. Y. Joint for hollow cables and elements thereof and making same. 2,161,423; June 6.
McConnell, Elliott B., Cleveland Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Manufacture of asphalt. 2,148,869; Feb. 28.
McConnell, Guy E., Los Angeles, Calif. Gravity liquid measuring device. 2,165,565; July 11.
McConnell, Palmer B., Appleton, assignor to Marathon Paper Mills Company, Rothschild, Wis. Coaster. 2,163,309; June 20.
McConnell, Philip H. (See Brady, H. J., and McConnell.)
McConnell, Richard K., Oklahoma City, Okla., assignor to Phillips Petroleum Company. Low pressure fuel burner. 2,143,993; Jan. 17.
McConnell, Robert G., assignor of one-third to W. D. McConnell, and one-third to F. W. Neuner, Springfield, Ill. House number sign. 2,163,695; June 27.
McConnell, William D., et al. (See McConnell, Robert G., assignor.)
McCord, Andrew T. (See Washburn W. F., Dahlstorm, and McCord.)
McCord, Herbert F., Pelham, assignor to Western Electric Company, Incorporated, New York, N. Y. Carrying tray. 2,161,629; June 6.
McCord, Hugh A., Elk City, Kans. Musical instrument. 2,167,582; July 25.
McCorkhill, Jesse C., Jacksonville, Fla. Shaker and moisture absorbing materials therefor. 2,159,171; May 23.
McCorkle, D. H., Co. (See McCorkle, Donald H., assignor.)
McCorkle, Donald H., assignor to D. H. McCorkle Co., Berkeley, Calif. Automatically electrically controlling a fuel oil burning system. 2,143,277; Jan. 10.
McCormack, Alex A. (See Hull, H. B., and McCormack.)
McCormack, Alex A. (See Newill, E. B., and McCormack.)
McCormack, Alex A., assignor to General Motors Corporation, Dayton, Ohio. Seal for refrigerating apparatus. 2,149,974; Mar. 7.
McCormack, Alex A., assignor to General Motors Corporation, Dayton, Ohio. An elastic composition. 2,149,975; Mar. 7.
McCormack, Elmer E., Portland, Oreg. Float-operated valve mechanism. 2,143,204; Jan. 10.
McCormack, Harry, assignor to North Shore Coke & Chemical Company, Chicago, Ill. Extracting values from complex ores of vanadium and uranium. 2,176,609; Oct. 17.
McCormack, Harry, and G. J. Stockmann, assignors to North Shore Coke & Chemical Company, Chicago, Ill. Producing alkoxyl derivatives of nitro-aromatic compounds. 2,166,917; July 18.
McCormack, Robert. (See MacFarlane, R., and McCormack.)
McCormick & Company. (See Jones, Jesse L., assignor.)
McCormick, Charles E., Dearborn, Mich. Trim molding. 2,165,399; July 11.
McCormick, Edward J., Spencer, N. C. Holder for divisional propellent charges. 2,178,594; Nov. 7.
McCormick, Edward J., Spencer, N. C. Holder for divisional propellent charges. 2,178,595; Nov. 7.
McCormick, Edward J., Spencer, N. C. Holder for divisional propellent charges. 2,178,596; Nov. 7.
McCormick, Edward J., Spencer, N. C. Holder for divisional propellent charges. 2,178,597; Nov. 7.
McCormick, Edward J., Spencer, N. C. Holder for divisional propellent charges. 2,178,598; Nov. 7.
McCormick, Edward J., Spencer, N. C. Holder for divisional propellent charges. 2,178,599; Nov. 7.
McCormick, Elmer, assignor to John Deere Tractor Company, Waterloo, Iowa. Governor control mechanism. 2,159,283; May 23.
McCormick, Elmer, assignor to John Deere Tractor Company, Waterloo, Iowa. Tractor. 2,169,449; Aug. 15.
McCormick, Francis H., Dayton, Ohio, assignor to Edison General Electric Appliance Company, Inc. Liquid heater. 2,157,910; May 9.
McCormick, Francis H., Glen Ellyn, assignor to Edison General Electric Appliance Company, Chicago, Ill. Range. 2,158,881; May 16.
McCormick, Frank H. (See Clewell, J. H., and McCormick.)
McCormick, George, Redwood City, Calif. Journal box. 2,143,954; Jan. 17.
McCormick, Harold V., Wilmette, assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator door operator. 2,175,906; Oct. 10.
McCormick, Harry G., Chesapeake City, Md. Fuel oil vaporizer. 2,175,126; Oct. 3.
McCormick Thomas F. (See Lazar, A., and McCormick.)
McCormick, Thomas F., Oakland, and A. Lazar, Berkeley, assignors, by mesne assignments, to Tide Water Associated Oil Company, San Francisco, Calif. Treating oil. 2,183,968; Dec. 19.
McCoy, Clarence E., Florence, Ala. Extracting nicotine from tobacco. 2,162,738; June 20.
McCoy, Clifford T., Bethany, and D. M. Hammett, Tulsa, Okla. Oil well pump. 2,180,158; Nov. 14.
McCoy, Frederick A. (See Hagenbuch, C. W., and McCoy.)

McCoy, James P. A., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Treatment of feed water for boilers and the like. 2,155,435; Apr. 25.
McCoy, James R., Jersey City, assignor of three-fourths to W. J. Bigley, Hoboken, N. J. Speed control mechanism for automotive vehicles. 2,171,401; Aug. 29.
McCoy, John J., St. Paul, and K. G. Gerdin, Minneapolis, Minn. Flashlight testing device. 2,157,344; May 9.
McCoy, Marion M. (See Layte, R. R., and McCoy.)
McCoy, Thomas A., Oakland, Calif. Packaging process and medium. 2,168,651; Aug. 8.
McCoy, William C. (See Breth, W. J., and McCoy.)
McCoy, William C., Shaker Heights, Ohio. Jet for garden hose. 2,145,451; Jan. 31.
McCoy, William K., assignor to Gulf Oil Corporation, Pittsburgh, Pa. Thermocouple mounting. 2,146,082; Feb. 7.
McCoy, William K., assignor to Gulf Oil Corporation, Pittsburgh, Pa. Sealing means for thermocouples. 2,159,705; May 23.
McCoy, William W., Chehalis, Wash. Hen's nest. 2,177,576; Oct. 24.
McCracken, Hugh, et al., executors. (See Stewart, James G.)
McCracken, James W., Leechburg, Pa. Package wrapper. 2,147,411; Feb. 14.
McCracken, Joseph E., Bethlehem, Pa., assignor to Bethlehem Steel Company. Highway guard. 2,181,703; Nov. 28.
McCracken, Mark M., Portland, Oreg. Double-acting air valve. 2,179,750; Nov. 14.
McCrae, Thomas S., Jr. (See Hazen, R. M., and McCrae.)
McCray Refrigerator Company. (See Hopkins, George J., assignor.)
McCreary, Alfred D., Aliquippa, assignor to Jones & Laughlin Steel Corporation, Pittsburgh, Pa. Tension control for strip mills. 2,168,777; Aug. 8.
McCreary, Harold J. (See Reid, A. C., and McCreary.)
McCreary, Harold J., Lombard, Ill., assignor to Chicago Television & Research Laboratories, Inc. Purifying nitrobenzene. 2,145,200; Jan. 24.
McCreary, Harold J., Lombard, and R. G. Richardson, Chicago, Ill. Timing and timing device. 2,167,121; July 25.
McCreery, Benjamin F., Glens Falls, N. Y. Collar. 2,148,126; Feb. 21.
McCreery, George L., and V. E. Campbell, Barberton, and R. Higgins, Wadsworth, assignors to The Ohio Brass Company, Mansfield, Ohio. Ceramic insulating material. 2,155,835; Apr. 25.
McCrery, Harold E., Dayton, Ohio, assignor to Blaw-Knox Company, Blawnox, Pa. Weighing apparatus. Re. 21,169; Aug. 1.
McCrery, Harold E., assignor to Fibresteel, Inc., Dayton, Ohio. Container and making the same. 2,181,905; Dec. 5.
McCrory Stores Corporation. (See Simpson, William M., assignor.)
McCrudden, Frederick R., Bloomfield, assignor to The National Lock Washer Company, Newark, N. J. Lock washer assembly means. 2,142,363; Jan. 3.
McCrudden, Frederick R., Bloomfield, assignor to The National Lock Washer Company, Newark, N. J. Spring washer. 2,159,393; May 23.
McCue, Herbert C. (See Seams, Earl F., assignor.)
McCulley, Joseph E., Scappoose, Oreg. Snow plow. 2,152,200; Mar. 28.
McCulloch, Charles E., Brooklyn, assignor to Foster Wheeler Corporation, New York, N. Y. Fatty acid distillation. 2,147,306; Feb. 14.
McCulloch, Frederick L., Tampa, Fla. Juicing machine. 2,174,909; Oct. 3.
McCulloch, Leon, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Filling compound for and method of insulating conductors. 2,154,276; Apr. 11.
McCullough, Gerald W., Bartlesville, Okla., assignor to Phillips Petroleum Company. Heat exchanger tube support. 2,176,406; Oct. 17.
McCullough, Ira J., Los Angeles, Calif. Gun perforator and method. 2,154,859; Apr. 18.
McCullough, Ira J., Los Angeles, Calif. Gun perforator. 2,155,322; Apr. 18.
McCullough, Neel M., assignor to Pierce Governor Company, Anderson, Ind. Pressure operable governor actuated vehicle speed control device. 2,142,403; Jan. 3.
McCullough, Neel M., assignor to Pierce Governor Company, Anderson, Ind. Vehicle speed engine limiting device. 2,169,267; Aug. 15.
McCullough, Neel M., assignor to Pierce-Governor Company, Anderson, Ind. Speedometer vehicle speed control device. 2,169,268; Aug. 15.
McCullough, Verner A., assignor to Darco Corporation, Wilmington, Del. Making activated carbon. 2,146,024; Feb. 7.
McCullough, William E., assignor to Bohn Aluminum & Brass Corporation, Detroit, Mich. Apparatus for forming composite metal articles. 2,156,998; May 2.
McCune, Francis K., Swampscott, Mass., assignor to General Electric Company. Photometer. 2,156,734; May 2.
McCune, Francis K., Swampscott, Mass., assignor to General Electric Company. Exposure meter. 2,175,027; Oct. 3.
McCune, Joseph C. (See Farmer, C. C., and McCune.)
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Magnetic traction booster. 2,159,814; May 23.
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor lubricating device. 2,159,815; May 23.
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Force feed lubricator. 2,163,433; June 30.
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Signaling device. 2,163,434; June 20.
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,170,086; Aug. 22.
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Retardation controller. 2,173,946; Sept. 26.
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerdring, Pa. Brake mechanism. 2,174,396; Sept. 26.
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,174,399; Sept. 26.
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,174,400; Sept. 26.
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,174,404; Sept. 26.
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,174,405; Sept. 26.
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,174,407; Sept. 26.
McCune, Joseph C., Edgewood, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,174,409; Sept. 26.
McCurdy, George R. (See Zinkil, R. H., and McCurdy.)
McCurdy, James W., Erie, Pa., assignor to The Standard Stoker Company, Incorporated. Locomotive tender. 2,169,390; Aug. 15.
McCurdy, Wesley R., St. Catharines, and J. W. Boyle, Merritton, Ontario, Canada. Formation of coursewise integrally knitted heel and instep stocking structures 2,167,248; July 25.
McCurdy, William A., and F. Wedlake, Virginia, Minn. Underground alarm system. 2,181,336; Nov. 28.
McCurrach, Mabel C., Brooklyn, assignor to McCurrach Organization, Incorporated, New York, N. Y. Necktie. 2,178,893; Nov. 7.
McCurrach Organization, Incorporated. (See McCurrach, Mabel C., assignor.)
McCurtain, Frank, assignor to Specialty Engineering Company, Los Angeles, Calif. Transformer. 2,179,795; Nov. 14.
McCutchen, Brunson S., Princeton Township, Mercer County, N. J., and C. B. Aiken, West Lafayette, Ind., assignors to A. N. Mann, trustee, Scarsdale, N. Y. Radio system. 2,153,969; Apr. 11.
McCutchen, William A., Birmingham, Ala. Bottle crate. 2,169,450; Aug. 15.
McCutcheon, Edwin C. (See Rudolph, C. A., and McCutcheon.)
McDanal, Michael R., Denver, Colo. Ophthalmic mounting. 2,174,799; Oct. 3.
McDaniel, Charles R., Oklahoma City, Okla. Sealing structure for deep well pumps. 2,182,730; Dec. 5.
McDaniel, George R., Cincinnati, Ohio, assignor, by mesne assignments, to Diamond Alkali Company, Pittsburgh, Pa. Making alkali metal silicates. 2,153,872. Apr. 11.
McDerment, James H., assignor to The Swartwout Company, Cleveland, Ohio. Rotary ventilator. 2,171,883; Sept. 5.
McDermet, John R., and P. T. Keebler, assignors to Ellicott Company, Jeannette, Pa. Tube cleaner. 2,150,806; Mar. 14.
McDermett, G. C., et al. (See Burton, Edgar F., assignor.)
McDermett, Gage C., Wichita Falls, Tex. Internal combustion engine. 2,155,143; Apr. 18.
McDermott, Frank A. (See Hopkins, H. H., and McDermott.)
McDermott, George R., assignor to Surface Combustion Corporation, Toledo, Ohio. Furnace. 2,180,089; Nov. 14.
McDermott, Henry J. (See Allen, G. M., and McDermott.)
McDermott, Henry J., Prospect Park, assignor to American Viscose Corporation, Marcus Hook, Pa. Cake swift. 2,154,343; Apr. 11.
McDermott, Henry J., Prospect Park, assignor to American Viscose Corporation, Marcus Hook, Pa. Rayon spinning machine funnel bracket. 2,167,583; July 25.
McDermott, John J., Epworth, Iowa. Rotary corn uncoverer. 2,182,157; Dec. 5.
McDermott, Wallace C., Washington, D. C. Tagging device. 2,175,633; Oct. 10.
McDevitt, Floyd R., Omaha, Nebr. Inner walled tire. 2,164,686; July 4.
McDevitt, Harry J., Media, Pa. Shaper or grinder. 2,162,630; June 13.

McDevitt, Harry J., Media, assignor to G. F. Milne, Rosemont, Pa. Oiling device for filter units. 2,179,473; Nov. 7.
McDonald, A. Y., Mfg. Co. (See Groen, Christopher, assignor.)
McDonald, Angus, assignor to Baldwin Rubber Company, Pontiac, Mich. Apparatus for forming molded articles. 2,167,392; July 25.
McDonald, Carol, New York, N. Y. Bracelet. 2,184,942; Dec. 26.
McDonald, Courtney J., Gloucester, Mass. Artificial horizon attachment for sextants. 2,143,080; Jan. 10.
McDonald, Eugene F., Jr., Chicago, Ill. Portable radio receiver. 2,164,251; June 27.
McDonald, George F., Maplewood, Mo. Combination brace and hanger. 2,174,800; Oct. 3.
McDonald, Grace A., Petersburg, Ill. Cartograph. 2,161,717; June 6.
McDonald, Harry W., Minneapolis, Minn. Friction clutch. 2,157,211; May 9.
McDonald, Herman M., Evanston, Ill., assignor to Mac Dee Company. Lower undergarment. 2,164,281; June 27.
McDonald, Irvin F., Los Angeles, Calif. Machine for making pies, turnovers, and the like. 2,160,783; May 30.
McDonald, James, Weehawken, N. J., assignor to Todd Combustion Equipment, Inc., New York, N. Y. Shut-off valve for liquid fuel burners. 2,177,779; Oct. 31.
McDonald, John C., Beechurst, Long Island, N. Y. Railway block system and power supply circuit. 2,173,123; Sept. 19.
McDonald, John I., St. Joseph, Mo. Device for turning and edge-stitching round-cornered cuffs. 2,142,277; Jan. 3.
McDonald, John I., Chicago, Ill., assignor to Progress Specialty Company, St. Joseph, Mo. Templet and operating means therefor for the manufacture of cuffs. 2,142,476; Jan. 3.
McDonald, John U., Clinton, Mo. Apparatus for producing gas. 2,168,652; Aug. 8.
McDonald Printing Company, The. (See Jorling, Joseph H., assignor.)
McDonald Products Corporation. (See Osborn, Alex F., assignor.)
McDonald, Thomas A., Jr., and T. G. Knight, Omaha, Nebr. Grain slicing machine. 2,147,852; Feb. 21.
McDonald, Thomas M., Saint Ignatius, Mont. Electric bicycle. 2,179,418; Nov. 7.
McDonald, William J., assignor to Pecheur Lozenge Company, Inc., Brooklyn, N. Y. Candy package. 2,179,376; Nov. 7.
McDonald, William J., assignor to Pecheur Lozenge Company, Inc., Brooklyn, N. Y. Package. 2,179,377; Nov. 7.
McDonnell, Aloysius S., Chicago, Ill. Counting device. 2,161,630; June 6.
McDonnell, Edward J., Fox Chapel, assignor to Blaw-Knox Company, Pittsburgh, Pa. Regenerating structure and method. 2,157,553; May 9.
McDonnell, Everett N., et al. (See Carlson, Oscar F., assignor.)
McDonnell, George A., Everett, assignor to A. Maister, Dorchester, and L. S. Field, Winthrop, Mass. Card holder. 2,173,306; Sept. 19.
McDonnell, I. F. (See Browne, Carl N., assignor.)
McDonnell, James S., Jr., assignor to The Glenn L. Martin Company, Baltimore, Md. Airplane empennage. 2,142,450; Jan. 3.
McDonnell, John M., Dayton, Ohio. Method of and means for producing stereoscopic photographs. 2,150,932; Mar. 21.
McDonough, Everett G. (See Evans, R. L., and McDonough.)
McDonough, Henry, Elgin, Ill. First aid kit. 2,159,904; May 23.
McDonough, Walter S., Philadelphia, Pa. Gas burner control. 2,161,070; June 6.
McDonough, Walter S., Philadelphia, Pa. Gas burner control. 2,177,370; Oct. 24.
McDonough, Will D., assignor to E. Williams, Alhambra, Calif. Dispensing carton. 2,155,323; Apr. 18.
McDougal, Taine G., A. H. Fessler, and H. B. Barlett, Flint, assignors to General Motors Corporation, Detroit, Mich. Spark plug insulator. 2,152,655; Apr. 4.
McDougal, Taine G., A. H. Fessler, and K. Schwartzwalder, Flint, assignors to General Motors Corporation, Detroit, Mich. Insulator for spark plugs. 2,152,656; Apr. 4.
McDougal, Taine G., A. H. Fessler, and H. B. Barlett, Flint, assignors to General Motors Corporation, Detroit, Mich. Ceramic body for spark plug insulators. 2,177,943; Oct. 31.
McDougall, John A., and R. E. McGary, Portland, Oreg. Earth tamping device. 2,169,468; Aug. 15.
McDowell, Charles A., and L. J. Smith, Oil City, Pa. Automobile accessory. 2,156,432; May 2.
McDowell, James O. (See Clappier, R. R., and McDowell.)
McDowell, James O. (See Fraser, H. J., Drugan, and McDowell.)
McDowell, Samuel J., Metuchen, N. J., assignor to General Ceramics Company. Ceramic body and making the same. 2,168,230; Aug. 1.
McDowell, Thomas E., assignor to The Pyle-National Company, Chicago, Ill. Self-excited alternating current machine. 2,145,424; Jan. 31.
McDuffee, Claude A., Chicago, Ill., and T. W. Creech, Joplin, Mo. Mixing device. 2,184,225; Dec. 19.
McEachron, Karl B., Pittsfield, Mass., assignor to General Electric Company. Lightning arrester. 2,151,559; Mar. 21.
McEldowney, Harriet, Windsor, Ontario, Canada. Bib apron. 2,152,073; Mar. 28.
McElroy, Archibald E., Philadelphia, Pa., Compressed air feeding apparatus. 2,173,369; Sept. 19.
McElroy, Isaac E., and R. H. Shadrick, Minneapolis, Minn. Hydraulic transmission apparatus. 2,170,786; Aug. 22.
McElroy, Isaac E., and R. H. Shadrick, Minneapolis, Minn., assignors, by mesne assignments, to U. S. Electrical Motors, Inc., Los Angeles, Calif. Variable speed pulley. 2,180,687; Nov. 21.
McElwain, William H., assignor of one-fourth to P. M. Clark and one-fourth to J. M. Eckley, Denver, Colo. Combined harvester and grinder. 2,157,619; May 9.
McElwain, William H., assignor of one-half to P. M. Clark, and one-half to J. M. Eckley, Denver, Colo. Method and mechanism for windrowing. 2,168,266; Aug. 1.
McElwee, Albert E., assignor of one-half to L. J. Darms, Woodbury, N. J. Holder for nursing bottles. 2,149,615; Mar. 7.
McElwee, Lawrence. (See Thompson, Arden A., assignor.)
McEniry, Horace, assignor of one-half to J. B. Smathers, and one-tenth to F. W. Hutchins, Asheville, N. C. Control device. 2,182,030; Dec. 5.
McEntegart, James M., Ardrossan, Scotland, assignor to International Flare-Signal Company. Parachute device. 2,175,477; Oct. 10.
McEuen, Harry B., Jacksonville, Fla. X-ray apparatus. 2,148,488; Feb. 28.
McEvoy, J. H., & Company. (See Howard, James H., assignor.)
McEwan, Matthew H., assignor to Woodall-Duckham (1920) Limited, London, England. Coke oven door handling machine. 2,142,451; Jan. 3.
McEwan, Matthew H., and W. G. Buchanan, assignors to Woodall-Duckham (1920) Limited, London, England. Coke guide employed when discharging coke from horizontal coke ovens. 2,157,458; May 9.
McEwen, Robert L. (See Kauffmann, H. O., and McEwen.)
McFadden, Benjamin C., assignor to Aluminum Company of America, Pittsburgh, Pa. Method of and apparatus for flattening sheet material. 2,180,879; Nov. 21.
McFadden, George F., Roanoke, Va. Cutter assembly. 2,152,616; Mar. 28.
McFadden, Ross M. (See Yates, George, assignor.)
McFadden, Ross M., Los Angeles, Calif. Hair curler. 2,176,351; Oct. 17.
McFadden, Ross M., Los Angeles, Calif. Hair curler. 2,179,751; Nov. 14.
McFadden, Ross M., Los Angeles, Calif. Hair curler. 2,179,752; Nov. 14.
McFadden, Thomas P., assignor, by mesne assignments, to A. C. Dick, trustee, New York, N. Y. Degreasing and cleaning by vapor condensate. Re. 20,976; Jan. 10.
McFall, Aaron B., Dixon, Ill. Train order deliverer. 2,145,519; Jan. 31.
McFall, Thurlow E., assignor to Michigan Arteraft Company, Sparta, Mich. Extension table. 2,153,262; Apr. 4.
McFall, Thurlow E., assignor to Michigan Arteraft Company, Sparta, Mich. Table. 2,184,976; Dec. 26.
McFarland, Charles T., assignor to Municipal Service Company, Kansas City, Mo. Mixing apparatus. 2,161,631; June 6.
McFarland, Frank R., assignor to Sheffield Steel Corporation, Kansas City, Mo. Expansion and contraction joint. 2,150,982; Mar. 21.
McFarland, George I., Mesa, Ariz. Compensating pipe or sewer cleaner or scraper. 2,157,421; May 9.
McFarland, Owen D., and A. O. Mickelson, assignors to Roofing Machinery Mfg. Co., Inc., Chicago, Ill. Take-off mechanism. 2,148,379; Feb. 21.
McFarland, Rolla J., assignor of one-third to E. Seitz and one-third to H. Proehl, Peoria, Ill. Machine locking device. 2,171,664; Sept. 5.
McFarland, Samuel E., Los Angeles, Calif. Brake. 2,154,690; Apr. 18.
McFarland, William C., et al. (See Faires, William J., assignor.)
McFarland, William E., Jr., Reserve, assignor to Godchaux Sugars, Inc., New Orleans, La. Apparatus for the manufacture of decolorizing carbon. 2,148,827; Feb. 28.
McFarlane, Edwin C., Pearl River, assignor to McLevy Valve Co. Inc., New York, N. Y. Rotary plug valve. 2,142,795; Jan. 3.
McFarlane, Edwin C., Pearl River, assignor to Martin Machinery Corporation, New York, N. Y. Gathering Machine. 2,145,520; Jan. 31.
McFarlane, Edwin C., Pearl River, and E. Levy, assignors to McLevy Valve Co. Inc., New York, N. Y. Rotary plug valve. 2,152,810; Apr. 4.
McFarlane, John W., assignor to Eastman Kodak Company, Rochester, N. Y. Attachment for cameras. 2,184,015; Dec. 19.

McFarlane, John W., and C. A. Morrison, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Reflection and transmission densitometer. 2,146,904; Feb. 14.
McFarlane, Maynard D., and E. H. Hansen, Hollywood, Calif. Facsimile transmission and reproduction. 2,164,038; June 27.
McFarlin, John R. (See Hutchins, O., and McFarlin.)
McFarlin, William K., East Orange, N. J. Foot valve for pump suction lines. 2,157,554; May 9.
McFaul, Warner N., Consecon, Ontario, Canada. Popping buckwheat. 2,156,022; Apr. 25.
McFeaters, Harry L., New Castle, Pa., assignor to Pennsylvania Engineering Works. Operating mechanism for tilting receptacles. 2,166,663; July 18.
McFedries, George M. (See Dillehay, E. R., and McFedries.)
McGaffey-Taylor Corporation. (See Hayward, Landes H., assignor.)
McGaffey-Taylor Corporation. (See Taylor, Claude C., assignor.)
McGarry, Henry T., et al. (See Ashcroft, Ethel P., assignor.)
McGarry, Lola M., Flint, Mich. Burr cleaner. 2,165,643; July 11.
McGary, Robert E. (See McDougall, J. A., and McGary.)
McGary, Walter J., Montgomery County, Ohio. Vaporizer. 2,143,246; Jan. 10.
McGavack, John, Leonia, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Making rubber derivatives. 2,158,138; May 16.
McGay, John B., and G. E. Nicholson, Tulsa, and C. C. Magee, Oklahoma City, Okla. Coin-controlled time-measuring meter. 2,168,302; Aug. 1.
McGee, Corbett H. (See Thompson, Henry A., assignor.)
McGee, George R., Sarnia Township, Ontario, Canada. Stoker. 2,167,955; Aug. 1.
McGee, James D. (See Blumlein, A. D., and McGeeo.)
McGee, James D. (See Lubszynski, H. G., and McGee.)
McGee, James D., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electron discharge apparatus. 2,176,221; Oct. 17.
McGee, James D., Ealing, London, and G. S. P. Freeman, Chiswick, London, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Television transmitting apparatus. 2,149,455; Mar. 7.
McGee, James D., London, and G. E. Condliffe, Gerrards Cross, assignors to Electric & Musical Industries Limited, Middlesex, England. Cathode ray tube. 2,176,974; Oct. 24.
McGee, Richard T., assignor to The Consolidated Expanded Metal Companies, Wheeling, W. Va. Structural member. 2,167,666; Aug. 1.
McGee, Richard T., assignor to The Consolidated Expanded Metal Companies, Wheeling, W. Va. Wall construction. 2,173,721; Sept. 19.
McGee, Samuel W., Franklin, Pa. Automatic multiple lawn mower grinding machine. 2,164,830; July 4.
McGennis, Cecil M., Calgary, Alberta, Canada. Game. 2,174,058; Sept. 26.
McGerry, James J., East Grand Rapids, assignor to Hygienic Arts Corporation, Muskegon, Mich. Dental massage appliance. 2,164,219; June 27.
McGihon, Leonard, San Leandro, Calif. Program indicator. 2,163,616; June 27.
McGill, Clarence R., Andover, N. Y. Changeable sign. 2,163,128; June 20.
McGill, Homer T., Stuttgart, Ark. Decorticator. 2,164,338; July 4.
McGill Manufacturing Company. (See Popp, Rudolf, assignor.)
McGill Manufacturing Company. (See Popp, R., and Carlson, assignors.)
McGill Metal Products Company. (See Stilson, Herbert A., assignor.)
McGill, Russell, Arden, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polycarboxylic acid esters. 2,172,803; Sept. 12.
McGillicuddy, Jeremiah, et al. (See Milligan, Joseph H., assignor.)
McGillicuddy, Patrick, et al. (See Milligan, Joseph H., assignor.)
McGinnis, Baldy, assignor of one-half to R. A. Carruth, Roswell, Ga. Oscillatory drive for silver receiving cans. 2,154,344; Apr. 11.
McGinnis, James H. (See Miller, Iver, assignor.)
McGinnis, Orris. (See Wheeler, H. H., and McGinnis.)
McGinitie, Marshall, assignor to McGinitie & McDonald, Seattle, Wash. Spark arrester. 2,148,168; Feb. 21.
McGinitie & McDonald. (See McGinitie, Marshall, assignor.)
McGiveron, Glenna, Batavia, N. Y. Ironing machine. 2,176,529; Oct. 17.
McGlade, Wayne H., Wellington, Kans. Grease dispensing apparatus. 2,148,767; Feb. 28.
McGlone, Charles T., assignor to Kol-Ax Co. Inc., Stroudsburg, Pa. Range structure. 2,143,994; Jan. 17.
McGogy, Donald H., McMinnville, Oreg. Liquid meter. 2,176,998; Oct. 24.
McGovern, Edward M., and P. Schrick, Newark, N. J., assignors to Lempco Products, Inc., Bedford, Ohio. Crankshaft grinding tool. 2,171,417; Aug. 29.
McGovern, Francis E. (See Arms, G. L., and McGovern.)
McGovern, Frank J., Forest Hills, assignor to The Lummus Company, New York, N. Y. Codenser. 2,167,028; July 25.
McGowan, Harold F., Seattle, Wash. Measuring device. 2,176,222; Oct. 17.
McGowan, John E., Forest Hills, Long Island, N. Y., assignor to Miller Printing Machinery Company, Pittsburgh, Pa. Ball-up detector. 2,142,521; Jan. 3.
McGowan, Kenneth J. J. (See Bone, H. L., and McGowan.)
McGowan, Michael E., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Filament and making. 2,167,765; Aug. 1.
McGowan, Richard F., Columbus, Ohio. Boiler flue cleaner. 2,144,163; Jan. 17.
McGowan, William I., Cambridge, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Vacuum preparation of compounds. 2,153,970; Apr. 11.
McGrath, Arthur C., Chicago, assignor of one-half to M. Keim, Maple Lane, Highland Park, Ill. Line-casting machine. 2,149,305; Mar. 7.
McGrath, Edward J., Jr., Cleveland, Ohio. Method and means for use in fitting clothing. 2,159,035; May 23.
McGrath, John T., Libertyville, Ill. Supply valve. 2,164,934; July 4.
McGrath, Joseph L., Wollaston, Mass. Amusement device. 2,175,944; Oct. 10.
McGrath, Leigh J., and W. L. Hall, assignors to Zellerbach Paper Company, San Francisco, Calif. Packing frozen food. 2,161,071; June 6.
McGrath, William L., Elmira, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Engine starter gearing. 2,151,042; Mar. 21.
McGrath, William L., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,154,858; Apr. 18.
McGrath, William L., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigeration control system. 2,166,602; July 18.
McGrath, William L., St. Paul, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Load compensated control system. 2,173,809; Sept. 19.
McGrath, William L., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,181,061; Nov. 21.
McGrath, William L., M. P. Ferguson, and M. P. Whitney, Elmira, N. Y., and D. L. Wertz, Birmingham, Mich., assignors, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Mower attachment. 2,157,620; May 9.
McGraw Electric Company. (See Biebel, Herman M., assignor.)
McGraw Electric Company. (See Geier, James, assignor.)
McGraw Electric Company. (See Graham, Maurice H., assignor.)
McGraw Electric Company. (See Ireland, Murray, assignor.)
McGraw Electric Company. (See Krichton, Carl V., assignor.)
McGraw Electric Company. (See Lodge, William L., assignor.)
McGraw Electric Company. (See Lucia, Louis V., assignor.)
McGraw Electric Company. (See Sardeson, Robert, assignor.)
McGraw Electric Company. (See Scharf, Frank W., assignor.)
McGraw Electric Company. (See Serota, Victor, assignor.)
McGregor, Alex M., Randwick, New South Wales, Australia. Coupling land and road vehicles and the like. 2,144,295; Jan. 17.
McGregor, Allan L., Chicago, Ill. Velocipede. 2,153,766; Apr. 11.
McGregor, Allan L., Chicago, Ill. Velocipede. 2,153,767; Apr. 11.
McGregor, Allan L., Chicago, Ill. Automobile protective device. 2,162,099; June 13.
McGregor, Allan L., Chicago, Ill. Automobile protective device. 2,162,100; June 13.
McGregor, Donald T., Glendale, Calif. Instrument for making perspective drawings from plan and elevation. 2,171,587; Sept. 5.
McGregor, John M., Chicago, and H. C. Porter, La Grange Park, assignors to Signode Steel Strapping Company, Chicago, Ill. Package binding. 2,154,762; Apr. 18.
McGregor, Rob R., Swissvale, assignor to N. S. Garbisch, Butler, Pa. Recovery of wastes from glass grinding and polishing operations. 2,182,384; Dec. 5.
McGregor, Thomas A. (See Saunders, Walter S., and McGregor.)
McGregor, Thomas A. (See Saunders, W. A., and McGregor.)
McGregor, Thomas A., assignor to American Forging & Socket Company, Pontiac, Mich. Seat construction. 2,160,482; May 30.
McGregor, Thomas A., assignor to American Forging & Socket Company, Pontiac, Mich. Adjustable support. 2,161,366; June 6.
McGregor, Thomas A., assignor to American Forging & Socket Company, Pontiac, Mich. Adjustable support and locking mechanism. 2,174,636; Oct. 3.

McGregor, Thomas A., assignor to The American Forging & Socket Company, Pontiac, Mich. Adjustable support. 2,179,129; Nov. 7.
McGregor, Thomas A., and A. J. Rhodes, assignors to The American Forging & Socket Company, Pontiac, Mich. Adjustable support. 2,161,367; June 6.
McGrew, John A., Albany, N. Y. Railway track construction. 2,144,413; Jan. 17.
McGrew, John A., Albany, N. Y. Locomotive. 2,149,063; Feb. 28.
McGrew, John A., Albany, N. Y. Railroad track construction. 2,168,676; Aug. 8.
McGrew, John A., Albany, N. Y. Propulsion unit. 2,181,244; Nov. 28.
McGrew, Orville V., Chicago, Ill., assignor to Dednox Corporation. Applying plastic insulation. 2,145,027; Jan. 24.
McGrew, Robert P., San Francisco, Calif. Bed. 2,146,970; Feb. 14.
McGuffey, Orton S., assignor to Kold-Hold Manufacturing Company, Lansing, Mich. Safety means for refrigerating units. 2,171,588; Sept. 5.
McGuiness, James R., Detroit, Mich. Boiler. 2,147,378; Feb. 14.
McGuire, Clarence V., Grosse Pointe, Mich. Life preserver. 2,149,616; Mar. 7.
McGuire, Frank A., Fulton, Kans. Reflector. 2,165,900; July 11.
McGuire, Irving J. (See Henderson, Roy C., assignor.)
McGuire, John B., assignor of forty-nine per cent to J. W. Hearne, Wichita, Kans. Match box. 2,177,495; Oct. 24.
McGuire, Lee R., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Metal reel. 2,152,523; Mar. 28.
McGurk, William, Allston, Mass. Curtain rod threading attachment. 2,178,914; Nov. 7.
McHale, Olive P., et al. (See Millar, Stephen R., assignor.)
McHan, Brack B., Quincy, assignor to Calcium Carbonate Company, Chicago, Ill. Poultry food. 2,152,438; Mar. 28.
McHarness, Robert C. (See Benning, A. F., McHarness, and Hartig.)
McHuron, Martha L., Patriot, Ind. Fishing pole holder. 2,176,352; Oct. 17.
McIlrath, Roy E., Wilmette, Ill. Carbon dioxide converter. 2,166,637; July 18.
McIlrath, Roy E., Chicago, Ill. Carbon dioxide converter. 2,181,195; Nov. 28.
McIlvaine Burner Corporation. (See McIlvaine, John H., assignor.)
McIlvaine, Cloyd A., Balboa Heights, Canal Zone. Shutter. 2,169,157; Aug. 8.
McIlvaine, John H., assignor to McIlvaine Burner Corporation, Chicago, Ill. Oil burner muffler. 2,154,133; Apr. 11.
McIlvaine, Oran T., assignor to The McIlvaine Patent Corporation, St. Charles, Ill. Electronic tube and apparatus employing same. 2,152,321; Mar. 28.
McIlvaine Patent Corporation, The. (See McIlvaine, Oran T., assignor.)
McIlvanie, Wallace G., Yakima, Wash. Scintillating sign. 2,161,927; June 13.
McIlvanie, Wallace G., Yakima, Wash. Scintillating sign. 2,184,721; Dec. 26.
McIlvried, Edwin J. (See Nye, M. A., and McIlvried.)
McIlvried, Edwin J., Akron, and N. H. Nye, assignors to The Vaughn Machinery Company, Cuyahoga Falls, Ohio. Rubber mill. 2,182,900; Dec. 12.
McIlwraith, John W., and T. C. Post, assignors to Associated Box Corporation, Newcastle, Pa. Sealed container structure. 2,146,971; Feb. 14.
McIninch, William J. (See Gorman, R. J., and McIninch.)
McInnerney, Benjamin, Omaha, Nebr. Hydraulically equalized mechanical brake. 2,142,364; Jan. 3.
McInnerney, Benjamin, Omaha, Nebr. Air conditioning apparatus. 2,150,514; Mar. 14.
McInnerney, Benjamin, Omaha, Nebr. Hydraulic four-wheel brake. 2,152,074; Mar. 28.
McInnis, Nellie B., Sedro Woolley, Wash. Neck shield. 2,184,240; Dec. 19.
McIntire, Charles V., Short Hills, N. J., assignor to Semet-Solvay Engineering Corporation, New York, N. Y. Regenerator of a coke oven battery. 2,158,139; May 16.
McIntosh, Alan J., et al. (See Pilblad, Eric J., assignor.)
McIntosh, Arthur C., et al. (See Monner, Ray J., assignor.)
McIntosh, Charles O., Des Moines, Iowa. Method for and means of permanently waving hair. 2,143,740; Jan. 10.
McIntosh, Frank H., Mill Valley, Calif., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Protective device for electrical apparatus. 2,158,516; May 16.
McIntosh, James, Pittsburgh, Pa. Discharge guide. 2,166,593; July 18.
McIntosh, Harry E. (See Fleming, L. B., and McIntosh.)
McIntosh, Robert D. (See Beehler, V. D., and McIntosh.)
McIntosh, Robert D., River Forest, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Electrode member. 2,174,109; Sept. 26.
McIntosh, William E., New Orleans, La., assignor to American Sales Book Company, Inc., Niagara Falls, N. Y. Manifolding device. 2,142,323; Jan. 3.
McInturff, Harry L., Berkeley, Calif. Permutation padlock. 2,157,555; May 9.
McIntyre, Brouwer D., assignor to Insulation Development Corporation, Monroe, Mich. Composition of matter useful for insulating and other purposes. 2,148,127; Feb. 21.
McIntyre, Brouwer D., assignor to Insulation Development Corporation, Monroe, Mich. Composition of matter useful for insulating and other purposes. 2,148,128; Feb. 21.
McIntyre, Brouwer D., assignor to Monroe Auto Equipment Company, Monroe, Mich. Sway bar. 2,155,867; Apr. 25.
McIntyre, Brouwer D., assignor to Monroe Auto Equipment Company, Monroe, Mich. Spring shackle. 2,178,692; Nov. 7.
McIntyre, Charles D., Portland, Oreg. Skiing figure. 2,183,144; Dec. 12.
McIntyre, Glenn H., Cleveland Heights, and G. R. Sylvester, Shaker Heights, assignors to Ferro Enamel Corporation, Cleveland, Ohio. Apparatus for manufacturing porcelain enamel and glass. 2,169,611; Aug. 15.
McIntyre, William F. (See Hassan, Joseph A., assignor.)
McIntyre, William J., Jersey City, N. J. Automobile bumper. 2,181,245; Nov. 28.
McJunkin, Paul Wrightville, Pa., assignor to The Texas Company, New York, N. Y. Recording apparatus. 2,176,433; Oct. 17.
McKane, A. H. (See Shea, Stephen P., assignor.)
McKane, Fred J. (See Morley, Joseph, assignor.)
McKay, Angus C., Canberra, Federal Capital Territory, Australia. Hypodermic and other syringes. 2,156,023; Apr. 25.
McKay Company, The. (See Hardy, William G., assignor.)
McKay Company, The. (See Senft, John, assignor.)
McKay, John B. (See West, Lloyd L., assignor.)
McKay, Patience M., Oakland, Calif. Table. 2,184,677; Dec. 26.
McKay, William G. A., St. Vital, Manitoba, Canada, assignor to Sengbusch Self-Closing Inkstand Company, Milwaukee, Wis. Writing pen. 2,179,727; Nov. 14.
McKay, William T., Chicago Heights, Ill. Ironing and pressing machine. 2,142,202; Jan. 3.
McKean, John O., deceased; Hampden National Bank & Trust Co., executor, assignor to Foster Machine Company, Westfield, Mass. Winding machine. 2,171,758; Sept. 5.
McKean, John O., deceased; Hampden National Bank & Trust Co., of Westfield, Massachusetts, executor, assignor to Foster Machine Company, Westfield, Mass. Winding machine. 2,178,263; Oct. 31.
McKechnie, Ian C., Detroit, and R. A. Pattison, Warren, assignors to Chrysler Corporation, Highland Park, Mich. Tool. 2,162,819; June 20.
McKee, Arthur G., Cleveland, Ohio. Checkerwork structure. 2,179,666; Nov. 14.
McKee Brothers Corporation. (See McKee, Glenn L., assignor.)
McKee Button Company. (See Hopkins, Glenn W., assignor.)
McKee, Dale L., Sioux City, Iowa. Apparatus for investing and casting inlays. 2,147,103; Feb. 14.
McKee, Garnet W., Rockford, Ill. Gas burner. 2,164,417; July 4.
McKee, George K., Cincinnati, Ohio, and C. E. Bernitt, assignors to The Avey Drilling Machine Company, Covington, Ky. Machine tool. 2,183,297; Dec. 12.
McKee, George K., and C. E. Bernitt, Cincinnati, Ohio, assignors to The Avey Drilling Machine Company, Covington, Ky. Machine tool. 2,178,915; Nov. 7.
McKee, Glenn L., Oildale, assignor to McKee Brothers Corporation, Bakersfield, Calif. Hose clamp applying means. 2,150,234; Mar. 14.
McKee, Glenn L., assignor to McKee Brothers Corporation, Bakersfield, Calif. Band clamp. 2,163,048; June 20.
McKee, Glenn L., assignor to McKee Brothers Corporation, Bakersfield, Calif. Banding tool. 2,175,478; Oct. 10.
McKee, Grosvenor S. (See Hearn, T., and McKee.)
McKee, Harry H. (See Lohner, C. L., and McKee.)
McKee, Harry H., assignor to Industrial Patents Corporation, Chicago, Ill. Tongue protector. 2,168,713; Aug. 8.
McKee, Hugh, Sapulpa, Okla. Garment blocking device. 2,160,337; May 30.
McKee, John C. (See Anderson, C. J., and McKee.)
McKee, John C., assignor to Mullins Manufacturing Corporation, Salem, Ohio. Trailer hitch. 2,142,365; Jan. 3.
McKee, Ralph H., New York, N. Y., and C. T. Bahner, Conway, Ark. Producing amines. 2,164,587; July 4.
McKee, Ralph H., New York, and J. W. Martin, Yonkers, assignors to Macmar Corporation, New York, N. Y. Producing carbon dioxide. 2,178,968; Nov. 7.
McKee, Thomas C., Chicago, Ill. Liquid level indicator. 2,160,276; May 30.
McKeehan, Louis W., Hamden, Conn. Holder for thin material. 2,177,905; Oct. 31.
McKeel, Nesby N., Harrisburg, Ill. Assembling elevator for line casting machines. 2,172,087; Sept. 5.
McKeen, Cecil. (See Simmons, S., and McKeen.)
McKeen, George E., Minneapolis, Minn. Locking device. 2,168,677; Aug. 8.

McKeesport Tin Plate Corporation. (See Hopkins, Arthur G., assignor.)
McKeever, Francis J. (See Farrell, Michael J., assignor.)
McKeever, George B., Seattle, Wash. Fine gold saving machine. 2,174,925; Oct. 3.
McKeever, Roy S., assignor to Smith Separator Corporation, Tulsa, Okla. Turbulence rectifier. 2,145,425; Jan. 31.
McKeever, Roy S., Tulsa, Okla., assignor, by mesne assignments, to The Parkersburg Rig & Reel Company, Parkersburg, W. Va. Safety head. 2,178,178; Oct. 31.
McKeever, William M., Bigpine, Calif. Crushing and grinding mill. 2,174,471; Sept. 26.
McKeige, Edward E., Girard, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Sparking toy. 2,167,249; July 25.
McKeige, Edward E., and A. N. Smith, Girard, Pa., assignors to Louis Marx & Company, Inc., New York, N. Y. Remotely controlled switch for toy railroads. 2,161,424; June 6.
McKellar, John D., Burbank, Calif. Airplane control system. 2,173,538; Sept. 19.
McKelvey, John H., and J. W. Rogers, Kirkwood, Mo., assignors to Laclede-Christy Clay Products Company. Glass tank. 2,163,405; June 20.
McKendrick, David B., New York, N. Y. Therapeutic device. 2,183,335; Dec. 12.
McKenna Brass and Manufacturing Corporation. (See Fouser, Fred A., assignor.)
McKenna, Thomas L. (See Zizinia, P. T., and McKenna.)
McKenna, William J., assignor to International Smelting and Refining Company, Tooele, Utah. Flotation. 2,178,239; Oct. 31.
McKenney, Fred Y., Red Bank, assignor to Cumberland Case Company, Chattanooga, Tenn. Container structure. 2,161,072; June 6.
McKenzie, Colin R., Oakland, Calif. Necktie form and holder. 2,160,887; June 6.
McKenzie, Daniel E., assignor of one-half to I. R. Allen, Los Angeles, Calif. Milk protector. 2,147,622; Feb. 14.
McKenzie, James P. (See Winkelmann, H. A., and McKenzie.)
McKenzie, Joseph A., Seattle, Wash. Mulch rake. 2,146,264; Feb. 7.
McKeon, Thomas J. (See Burke, A. K., and McKeon.)
McKeown, Henry F., Cedar Grove, assignor of one-half to L. C. Smyth, Glen Ridge, N. J. One pipe steam heating system. 2,167,336; July 25.
McKeown, Leo. L., assignor to Geo. L. Kohne, Inc., Toledo, Ohio. Picture frame. 2,179,699; Nov. 14.
McKeown, Samuel C., Mount Vernon, N. Y., assignor to Ward Leonard Electric Company. Resistance unit. 2,177,930; Oct. 31.
McKesson, Claude L., assignor to American Bitumuls Company, San Francisco, Calif. Stable bituminous emulsion and preparing the same. 2,170,152; Aug. 22.
McKesson, Lewis J., Port Jefferson, N. Y., assignor to Radio Corporation of America. Frequency control system. 2,171,243; Aug. 29.
McKesson, Martha F. (See Bloomheart, John L., assignor.)
McKey, James P., et al. (See Dockery, John T., assignor.)
McKiernan-Terry Corporation. (See Smaltz, J. C., and Kahlerth, assignors.)
McKinley, Aubrey O., Barnett, Mo. Syringe. 2,180,063; Nov. 14.
McKinley, Charles W., Flint, assignor to General Motors Corporation, Detroit, Mich. Glare shield. 2,153,095; Apr. 4.
McKinley, Charles W., L. B. Smith, and C. B. Dinsmore, Flint, assignors to General Motors Corporation, Detroit, Mich. Speed cup balancing machine. 2,162,101; June 13.
McKinney, Carlos J., Detroit, Mich., assignor of one-half to J. S. Reid, Shaker Heights, Ohio. Making cellular material. 2,158,033; May 9.
McKinney, Charles P., et al. (See Crotts, Andrew P., assignor.)
McKinney, Elsmere W. (See Kreis, J. D., and McKinney.)
McKinney, Elsmere W., assignor to The McKinney Tool and Manufacturing Company, Cleveland, Ohio. Stretching sheet metal. 2,183,969; Dec. 19.
McKinney, George R. (See Kaufman, Hiram J., assignor.)
McKinney, Lawrence J., and C. W. Jensen, Detroit, Mich. Safety pull rod coupling. 2,149,855; Mar. 7.
McKinney Manufacturing Company. (See Woernle, Harry E., assignor.)
McKinney, Norman, assignor to V. Hiergesell, Philadelphia, Pa. Plunger switch. 2,142,522; Jan. 3.
McKinney, Paul V., Bartlesville, Okla., assignor to Phillips Petroleum Company. Method and process for preparing a catalytic material. 2,142,324; Jan. 3.
McKinney, Paul V., Bartlesville, Okla., assignor to Phillips Petroleum Company. Preparing a catalytic material. 2,147,985; Feb. 21.
McKinney, Robert M., Roselle, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of titanium pigments. 2,150,235; Mar. 14.
McKinney, Robert M., Roselle, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making titanium pigments. 2,150,236; Mar. 14.
McKinney Tool and Manufacturing Company, The. (See Kreis, J. D., and McKinney, assignors.)
McKinney Tool and Manufacturing Company, The. (See McKinney, Elsmere W., assignor.)
McKinney, Ward E., Los Angeles, Calif. Shade. 2,162,226; June 13.
McKinnie, Roxton C., Detroit, Mich. Roofing element. 2,182,444; Dec. 5.
McKinnon, Allen G. (See Roberts, E. F., and McKinnon.)
McKinnon, Donald J., Seattle, Wash. Device for draining water from air tanks. 2,173,307; Sept. 19.
McKissick, William H., Tulsa, Okla. Tubing catcher and positive actuating mechanism therefor. 2,153,934; Apr. 11.
McKittrick, Donald S., Oakland, assignor to Shell Development Company, San Francisco, Calif. Desulphurizing mineral oils. 2,162,963; June 20.
McKittrick, Donald S., Oakland, assignor to Shell Development Company, San Francisco, Calif. Countercurrent contact apparatus. 2,164,193; June 27.
McKittrick, Donald S., Oakland, and H. J. Henriques, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Solvent and dewaxing mineral oils. 2,150,334; Mar. 14.
McKittrick, Donald S., Oakland, and H. J. Henriques, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Solvent and dewaxing mineral oils. 2,153,895; Apr. 11.
McKnight, George, Chicago, Ill. Spray gun. 2,152,767; Apr. 4.
McKnight, James D., New York, N. Y. Ventilation control. 2,149,976; Mar. 7.
McKone, Leo J. (See Lyons, W. E., and McKone.)
McKone, Leo J., assignor of one-third to K. E. Lyman, Chicago, Ill., and one-third to D. D. Francis, Cleveland, Ohio. Internal combustion engine. 2,151,927; Mar. 28.
McKone, Leo J., and W. E. Lyons, assignors to Leo Corporation, Chicago, Ill. Lubricating oil. 2,149,856; Mar. 7.
McKone, Leo J., and W. E. Lyons, assignors to Leo Corporation, Chicago, Ill. Motor lubricating oil. 2,161,184; June 6.
McKool, John, Windber, Pa. Display package carrier for dispensers. 2,151,352; Mar. 21.
McKune, Clifford A., San Francisco, Calif. Hand stamp. 2,162,102; June 13.
McLachlen, Robert W., Uppen Montclair, and C. E. Slingland, Totowa, N. J. Spectrometer. 2,143,160; Jan. 10.
McLafferty, Joel E., Omaha, Nebr. Reinforcing member for heterogeneous beams. 2,167,029; July 25.
McLain, Benjamin, and M. G. Voland, Butler, assignors to Keystone Drum Company, Pittsburgh, Pa. Container and making the same. 2,168,231; Aug. 1.
McLain, Norman H., Buffalo, N. Y. Method of and means for preserving piling. 2,150,807; Mar. 14.
McLaine, William L., Los Angeles, Calif., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Finishing oil wells with gravel packs. 2,171,884; Sept. 5.
McLane, Carlton B., Venice, Calif. Producing cream. 2,142,650; Jan. 3.
McLaren, Hugh S., North Brighton, Victoria, Australia. Rotary valve internal combustion engine. 2,142,325; Jan. 3.
McLaren, Peter J., New York, N. Y. Counter. 2,177,437; Oct. 24.
McLaren, Peter J., New York, N. Y. Variable speed mechanism. 2,177,611; Oct. 24.
McLarry, Weldon G. (See Saibara, R., Bilinsky, and McLarry.)
McLarty, Ivan W., Vancouver, British Columbia, Canada. Garment hanger. 2,149,144; Feb. 28.
McLaughlin, F. L. (See Burke, James P., assignor.)
McLaughlin, Howard B., assignor to Temprite Products Corporation, Detroit, Mich. Valve. 2,146,684; Feb. 7.
McLaughlin, Hugh E., New York, N. Y. Propelling and lifting mechanism. 2,165,757; July 11.
McLaughlin, James E., Piru, Calif. Pipe coupling detachable locking device. 2,176,504; Oct. 17.
McLaughlin, John J., et al. (See Funk, Charles J., assignor.)
McLaughlin, John J., assignor to Buffalo Bolt Company, North Tonawanda, N. Y. Machine for threading nuts. 2,180,536; Nov. 21.
McLaughlin, Kenneth M. (See Seelen, H. R., and McLaughlin.)
McLaughlin, Robert W., Jr., assignor to American Houses, Inc., New York, N. Y. Building construction. 2,142,523; Jan. 3.
McLaughlin, Robert W., Jr., assignor to American Houses, Inc., New York, N. Y. Stud and like element. 2,156,347; May 2.
McLaughlin, Robert W., Jr., assignor to American Houses, Inc., New York, N. Y. Building construction. 2,178,762; Nov. 7.
McLaughlin, Robert W., Jr., assignor to American Houses, Inc., New York, N. Y. Building construction. 2,181,831; Nov. 28.
McLaughlin, Robert W., Jr., assignor to American Houses, Inc., New York, N. Y. Building construction unit. 2,183,381; Dec. 12.
McLaughlin & Wallenstein. (See Feigel, George R., assignor.)
McLaughlin & Wallenstein, et al. (See Funk, Charles J., assignor.)

McLaughlin, Wiley E., Tulsa, Okla. Wrench. 2,179,558; Nov. 14.
McLaurin-Jones Co. (See Davis, Lewis, assignor.)
McLauthlin, Martin B., Malden, Mass. Ship construction. 2,181,279; Nov. 28.
McLean, Francis C. (See Strong, C. E., and McLean.)
McLean, Robert W., Bridgewater, Mass., assignor to The Murray Company, Dallas, Tex. Textile machine. 2,181,091; Nov. 21.
McLellan, Archibald. (See Wright, G. M., and McLellan.)
McLellan, Arthur M., Los Angeles, Calif., assignor to McLellan Steel Development Corporation. Building construction. 2,150,606; Mar. 14.
McLellan, Arthur M., Los Angeles, Calif., assignor to McLellan Steel Development Corporation. Building construction. 2,151,860; Mar. 28.
McLellan, Arthur M., Los Angeles, Calif., assignor to McLellan Steel Development Corporation. Girder. 2,151,861; Mar. 28.
McLellan, John S. (See Kimble, J. S., Blackard, and McLellan.)
McLellan, John S. (See Kimble, J. S., and McLellan.)
McLellan Steel Development Corporation. (See McLellan, Arthur M., assignor.)
McLelland, Maurice, and C. P. de Jonge, Oakland, Calif.; said de Jonge assignor of one-fourth to said McLelland. Clock. 2,158,586; May 16.
McLenegan, David W. (See Whiting, M. A., and McLenegan.)
McLenegan, David W., Caldwell, N. J., assignor to General Electric Company. Power system. 2,157,830; May 9.
McLennan, Miles A., Detroit, Mich., assignor to Radio Corporation of America. Automatic tone control system. 2,148,030; Feb. 21.
McLeod, Earl H. (See Jones, W. L., and McLeod.)
McLeod, John D., Oakmont, and H. A. Reynolds, Ford City, Pa., assignors to Pittsburgh Plate Glass Company. Apparatus for removing plaster from plate glass surfacing tables. 2,159,631; May 23.
McLeod, John H., assignor to Eastman Kodak Company, Rochester, N. Y. Lens mount. 2,161,368; June 6.
McLeod, John H., and F. E. Altman, assignors to Eastman Kodak Company, Rochester, N. Y. Optical system. 2,146,905; Feb. 14.
McLeod, John H., and R. S. Morse, assignors to Eastman Kodak Company, Rochester, N. Y. Sound recording. 2,161,369; June 6.
McLeod, John H., and F. M. E. Holmes, assignors to Eastman Kodak Company, Rochester, N. Y. Sound recording. 2,180,011; Nov. 14.
McLeod, Robert R., Oakland, Calif. Apparatus for use with coffee brewers. 2,164,619; July 4.
McLevy Valve Co. Inc. (See McFarlane, Edwin C., assignor.)
McLevy Valve Co. Inc. (See McFarlane, E. C., and Levy, assignors.)
McLindon, William F., Arlington, Va. Shovel. 2,166,013; July 11.
McLoughlin, George E., Philadelphia, Pa. Toilet appliance. 2,184,722; Dec. 26.
McLure, Howard E., New Castle, Pa. Tackle connector. 2,150,074; Mar. 7.
McMackin, John C., Ridgeway, Pa. Tobacco smoking pipe. 2,143,129; Jan. 10.
McMahan, Edwin L., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Metal paste pigment. 2,178,179; Oct. 31.
McMahan, Edwin L., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Metal paste pigment. 2,178,180; Oct. 31.
McMahan, Edwin L., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Metal paste pigment. 2,178,181; Oct. 31.
McMahan, Kenton D., Schenectady, N. Y., assignor to General Electric Company. Directing vane. 2,154,313; Apr. 11.
McMahan, Kenton D., Schenectady, N. Y., assignor to General Electric Company. Fluid flow control apparatus. 2,155,279; Apr. 18.
McMahan, Kenton D., Schenectady, N. Y., assignor to General Electric Company. Fan. 2,160,666; May 30.
McMahan, Kenton D., Schenectady, N. Y., assignor to General Electric Company. Fan. 2,160,667; May 30.
McMahan, Kenton D., Schenectady, N. Y., assignor to General Electric Company. Fan casing. 2,171,341; Aug. 29.
McMahan, Kenton D., Schenectady, N. Y., assignor to General Electric Company. Fan casing. 2,171,342; Aug. 29.
McMahan, T. O., et al. (See Wilson, Jessie W., assignor.)
McMahan, Thomas E. (See Creighton, T. A., and McMahan.)
McMahan, Thomas E., Long Beach, assignor, by mesne assignments, to Lane-Wells Company, Los Angeles, Calif. Deflecting tool. 2,142,858; Jan. 3.
McMahan, Thomas E., Long Beach, assignor to Lane-Wells Company, Los Angeles, Calif. Well-bore deflecting tool. 2,142,859; Jan. 3.
McMahon, Adeline M., et al. (See Cumpston, Curtis H., assignor.)
McMahon, Aloysius, et al., executors. (See Sence, Victor.)
McMahon, George F., Chicago, and A. Ramsey, Evanston, assignors to Schweitzer & Conrad, Inc., Chicago, Ill. Circuit interrupter. 2,183,751; Dec. 19.
McMahon, John H., and A. W. Miller, Berkeley, Calif. Amusement apparatus. 2,180,638; Nov. 21.
McMahon, John H., and A. W. Miller, Berkeley, Calif. Amusement apparatus. 2,180,639; Nov. 21.
McMahon, Teaphel A., W. Hierholzēr, and W. Glazat, Grand Haven, Mich. Barrel making machine. 2,163,344; June 20.
McMahon, Teaphel A., W. Hierholzēr, and W. Glazat, Grand Haven, Mich. Crozing machine. 2,163,345; June 20.
McManeus, Bennett H., assignor of one-half to G. T. Whitehouse, Sebring, Fla. Self-starter for engines. 2,166,014; July 11.
McManis, John V., Kirksville, Mo. Treating table. 2,179,595; Nov. 14.
McManus, Charles E., Spring Lake, N. J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Forming liner material. 2,149,532; Mar. 7.
McManus, Charles E., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Container closure. 2,149,533; Mar. 7.
McManus, Charles E., Spring Lake, N. J., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Cork composition. 2,158,469; May 16.
McManus, Charles E., Spring Lake, and F. L. Darling, Teaneck, N. J., assignors, by mesne assignments, to Crown Can Company, Philadelphia, Pa. Can piercing and serving device. 2,160,705; May 30.
McManus, Peter P. (See Kimber, E. W., and McManus.)
McMaster, Albert L., Revere, Mass., assignor to Krippendorf Kalculator Company, Portland, Maine. Rating and recording cutting operations. 2,170,826; Aug. 29.
McMaster, Archie J., Highland Park, and K. H. Sommermeyer, Evanston, assignors to G-M Laboratories, Inc., Chicago, Ill. Electric glow valve system. 2,174,500; Sept. 26.
McMath, Charles W., and L. C. Roots, Jr., assignors to Traders Oil Mill Company, Fort Worth, Tex. Pelleting of materials. 2,168,532; Aug. 8.
McMechan, Maurice H., assignor to Western Products Company, Yakima, Wash. Refrigeration. 2,167,667; Aug. 1.
McMeen, Hugh B., et al. (See Haywood, John F., assignor.)
McMillan, Alfred, New York, N. Y. Dust mop cleaner. 2,158,470; May 16.
McMillan, Charles W. (See Graham, G. M., and McMillan.)
McMillan, Chester B. (See Springer, A. J., and McMillan.)
McMillan, Martin H., Vallejo, Calif. Work bench. 2,159,172; May 23.
McMillan, Robert E., Marine Parade, Double Bay, New South Wales, Australia. Structural units for steel frame buildings and the like. Re. 20,980; Jan. 17.
McMillan, Vernon R., Terre Haute, Ind. Inflated ball and lacing therefor. 2,148,082; Feb. 21.
McMillan, Wallace A., Beacon, assignor to The Texas Company, New York, N. Y. Polymerization of tertiary-base olefins. 2,181,642; Nov. 28.
McMillan, Wallace A., Beacon, and H. A. Cole, Poughkeepsie, assignors to The Texas Company, New York, N. Y. Method of and apparatus for gas analysis 2,147,606; Feb. 14.
McMillan, Wallace A., Beacon, and H. A. Cole, Fishkill, assignors to The Texas Company, New York, N. Y. Apparatus for gas analysis. 2,147,607; Feb. 14.
McMillan, Wesley K., San Francisco, assignor to Emsco Derrick and Equipment Company, Los Angeles, Calif. Combination scraper, carrier, and spreading machine. 2,169,612; Aug. 15.
McMillen, Albert C., Evanston, Ill. Duster. 2,172,479; Sept. 12.
McMillen, Pearl B. (See Smith, J. D., and McMillen.)
McMullen, George H., West Chester, Pa. Mechanical movement. 2,154,763; Apr. 18.
McMullen, John, Buffalo, N. Y. Automobile securing device. 2,178,693; Nov. 7.
McMullen, John, Buffalo, N. Y., and J. T. Gallagher, Chicago, Ill. Portable bulkhead. 2,166,918; July 18.
McMullen, John C. (See Benner, R. C., and McMullen.)
McMurdo, Neil, Niagara Falls, N. Y. Bridge score register. 2,156,539; May 2.
McMurray, Arthur A., Norristown, Pa., assignor of one-half to R. L. Hectorne, Bridgeton, N. J. Milk cooling cabinet. 2,155,502; Apr. 25.
McMurry, William C., Birmingham, Ala. Transportation equipment. 2,179,047; Nov. 7.
McMurtry, Edward A., Chicago, Ill. Automotive ignition booster system with automatic starting control. 2,158,634; May 16.
McNabb, Arthur E., Monessen, assignor to Pittsburgh Steel Company, Pittsburgh, Pa. Fastening means. 2,164,464; July 4.
McNair, Stuart S. (See Davis, Freeman H., assignor.)
McNally, James A., U. S. Navy. Optical instrumentality provided with a variable light filter. 2,155,436; Apr. 25.
McNally, James G. (See Dickey, J. B., and McNally.)
McNally, James G., assignor to Eastman Kodak Company, Rochester, N. Y. Apparatus for measuring torque in yarn. 2,154,631; Apr. 18.
McNally, James G., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company. Cellulose acetate crepe yarns and fabrics, and their manufacture. 2,169,269; Aug. 15.

McNally, James G., assignor to Eastman Kodak Company, Rochester, N. Y. Manufacture of cellulose organic acid ester crepe yarns. 2,169,270; Aug. 15.
McNally, James G., and J. A. Leermakers, assignors to Eastman Kodak Company, Rochester, N. Y. Dye compositions. 2,146,755; Feb. 14.
McNally, James G., and J. B. Dickey, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Azo compounds. 2,150,180; Mar. 14.
McNally, James G., and J. A. Leermakers, assignors to Eastman Kodak Company, Rochester, N. Y. Dye composition and art of coloring therewith. 2,150,692; Mar. 14.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Tetrahydrofurfurylaminonaphthalene compounds and their preparation. 2,161,745; June 6.
McNally, James G., J. B. Dickey, and W. H. Zugschwerdt, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and coloring therewith. 2,171,159; Aug. 29.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds. 2,176,505; Oct. 17.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Treatment of textile and other materials. 2,176,506; Oct. 17.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and coloring therewith. 2,180,012; Nov. 14.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and coloring therewith. 2,183,997; Dec. 19.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and coloring therewith. 2,183,998; Dec. 19.
McNally, James G., and J. B. Dickey, assignors to Eastman Kodak Company, Rochester, N. Y. Azo compounds and coloring therewith. 2,183,999; Dec. 19.
McNamara, William L., and J. W. Errett, assignors to Capstan Glass Company, Connellsville, Pa. Charge forming machine. 2,147,307; Feb. 14.
McNamara, William L., and J. Errett, Connellsville, Pa., assignors, by mesne assignments, to Anchor Cap & Closure Corporation, Long Island City, N. Y. Sealed package and parts thereof. 2,153,426; Apr. 4.
McNamee, Raymond W. (See Law, G. H., and McNamee.)
McNamee, Raymond W., South Charleston, and C. M. Blair, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Preparation of hydroxy propanone. 2,143,383; Jan. 10.
McNaney, Edward T., Catonsville, Md. Card game. 2,159,563; May 23.
McNaney, Patrick J., New York, N. Y. Door fastener. 2,160,460; May 30.
McNary, Agnes H., Chicago, Ill. Purse kit. 2,183,428; Dec. 12.
McNeal, Daniel R., Abington, Pa., assignor to Andale Company, Philadelphia, Pa. Heat exchange equipment. 2,152,266; Mar. 28.
McNeal, Daniel R., Abington, assignor to Andale Company, Philadelphia, Pa. Heat transfer apparatus. 2,181,704; Nov. 28.
McNeal, Daniel R., Abington, assignor to Andale Company, Philadelphia, Pa. Straining equipment. 2,183,577; Dec. 19.
McNeal, Daniel R., Abington, assignor to Andale Company, Philadelphia, Pa. Straining equipment. 2,183,578; Dec. 19.
McNeal, Donald L. (See Hewitt, E. E., and McNeal.)
McNeal, Donald L., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Speed controlled brake. 2,160,208; May 30.
McNeely, William M., Memphis, Tenn. Gas cap for automobile tanks. 2,169,656; Aug. 15.
McNees, Ora B., Robinson, Ky. Sled knee. 2,157,962; May 9.
McNeese, Charles H., and C. C. Loveless, Jr., assignors to Continental Oil Company, Ponca City, Okla. Bottom hole choke. 2,178,540; Nov. 7.
McNeil, Charles I., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Synchronization indicator for internal combustion engines. 2,153,264; Apr. 4.
McNeil, Charles I., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Internal combustion engine. 2,153,470; Apr. 4.
McNeil, Charles I., Bloomfield, and M. E. Longfellow, Newark, assignors to Eclipse Aviation Corporation, East Orange, N. J. Speed-responsive device. 2,171,005; Aug. 29.
McNeil, Claude P., Whiting, Ind., assignor to Standard Oil Company, Chicago, Ill. Refining petroleum oil in propane solution. 2,177,734; Oct. 31.
McNeil, Inez L., San Francisco, Calif. Lettering guide or the like. 2,152,904; Apr. 4.
McNeil, James W., Tampa, Fla. Carton. 2,156,999; May 2.
McNeil, James W., Tampa, Fla. Adjustable closure for containers. 2,170,335; Aug. 22.
McNeil, Roderick S., Bridgeport, Conn., assignor to General Electric Company. Coffee maker. 2,169,880; Aug. 15.
McNeil, Roderick S., Bridgeport, Conn., assignor to General Electric Company. Coffee maker. 2,181,246; Nov. 28.
McNeill, Harry L., Denver, Colo. Classification. 2,163,285; June 20.
McNeill, Walter G., W. B. Kern, and R. W. Wade, Dayton, Ohio. Bomb release mechanism. 2,150,933; Mar. 21.
McNinch, Frank B., Philadelphia, Pa. Dental separator and matrix holder. 2,150,005; Mar. 7.
McNulty, George M., Cranford, N. J., and E. W. Adams, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Manufacture of lubricants. 2,159,220; May 23.
McNulty, John W. (See Tuley, C. B., and McNulty.)
McNulty, Joseph, Bergenfield, N. J., assignor to Eagle Pencil Company. Pencil eraser tip. 2,151,824; Mar. 28.
McOsker, Joseph D., Allston, Mass. Game counting device. 2,162,631; June 13.
McParlin, Daniel V., Passaic, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Apparatus for alloying metals. 2,158,517; May 16.
McPhee, Nathaniel H., New Rochelle, N. Y. Mechanical pencil. 2,175,210; Oct. 10.
McPherson, Hal W. (See Pierson, C. M., and McPherson.)
McPherson, Hal W., and H. L. Chisholm, Jr., assignors to Houde Engineering Corporation, Buffalo, N. Y. Air conditioning system for automobiles. 2,162,512; June 13.
McPherson, Harry L., Memphis, Tenn. Leg hinge, as for tables. 2,159,564; May 23.
McPherson, Harry L., Memphis, Tenn. Airplane indicator. 2,170,087; Aug. 22.
McPherson, Samuel G., Jr., Pueblo, Colo. Thermally sensitive control switch. 2,178,485; Oct. 31.
McQuade, John D., Lakewood, Ohio, assignor to Kemet Laboratories Company, Inc. Thermionic device. 2,180,714; Nov. 21.
McQuaid, Charles W., Des Moines, Iowa. Air lift or control for heating systems. 2,177,220; Oct. 24.
McQueary, Irene, et al. (See Kaiser, Christian J., assignor.)
McQueary, W. H., et al. (See Kaiser, Christian J., assignor.)
McQueen, David M. (See Cupery, M. E., and McQueen.)
McQueen, David M. (See Harmon J., and McQueen.)
McQueen, David M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of leather. 2,165,870; July 11.
McQuillen, Walter C., Philadelphia, Pa. Automatic parachute opener. 2,175,634; Oct. 10.
McQuinn, Carl, assignor to Williams Sealing Corporation, Decatur, Ill. Container and spout. 2,177,782; Oct. 31.
McQuiston, Raymond C., West Newton, and H. C. Hopewell, Newton, Mass. Production of leatherlike surfaces. 2,172,028; Sept. 5.
McQuitty, Roy M. (See Gray, L. D., and McQuitty.)
McRae, Don C., Miami, Fla., and J. C. Franklin, Kansas City, Mo., assignors to Eclipse Aviation Corporation, East Orange, N. J. Indicating apparatus. 2,164,588; July 4.
McRae, Edwin C., Huntington Woods, Mich. Battery charge responsive means. 2,184,193; Dec. 19.
McRae, Norman H., and E. V. Coulter, St. Paul, Minn. Making steel wool pads and apparatus. 2,144,264; Jan. 17.
McRaven, Charles H., Houston, Tex., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Pressure regulating device. 2,182,731; Dec. 5.
McRoberts, Richard C., Tama, Iowa. Can opener. 2,169,497; Aug. 15.
McRoskey, Edward L., Burlingame, Calif. Mattress tufting device. 2,176,141; Oct. 17.
McShane, Jack, Monessen, Pa. Frame for use in bodies of trailers, semitrailers, and trucks. 2,143,955; Jan. 17.
McShane, Phelan, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Overspeed protective means. 2,162,513; June 13
McSpadden, Joseph M., U. S. Navy. Sonic depth indicator apparatus. 2,172,395; Sept. 12.
McSwain, Claude W., Raleigh, N. C. Automatic drop-test machine. 2,159,036; May 23.
McVicar, Leonard E. M. (See Trollope, W. A. C., and McVicar.)
McVicker, Jesse D., assignor of one-tenth to J. Lowry, Lodi, Ohio. Hopper trailer. 2,162,353; June 13.
McVoy, Vincen P., Mobile, Ala. Spring shackle. 2,172,029; Sept. 5.
McWade, Robert, Jr., and L. Lyndon, Los Angeles, Calif., assignors to Bendix Products Corporation, South Bend, Ind. Motor vehicle control means. 2,181,733; Nov. 28.
McWalters, Andrew, Minneapolis, Minn. Antipilferage device. 2,163,955; June 27.
McWane, Arthur T., Birmingham, Ala. Pipe joint. 2,146,641; Feb. 7.
McWane, Arthur T., Birmingham, Ala. Cigarette holder. 2,170,248; Aug. 22.
McWane, Henry E., Lynchburg, Va. Casting apparatus. 2,151,131; Mar. 21.
McWane, Henry E., Lynchburg, Va. Mold and core structure. 2,161,521; June 6.
McWane, Henry E., Lynchburg, Va. Construction of molds. 2,161,522; June 6.

McWhirter, Russell G. (See Gaus, G. E., and McWhirter.)
McWhirter, William C., and E. G. Little, Wilkinsburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,183,164; Dec. 12.
McWhirter, William C., and E. G. Little, Wilkinsburg, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway switch operating apparatus. 2,183,165; Dec. 12.
McWhorter, William P., Miami, Fla. Panel board. 2,156,479; May 2.
McWilliams, Eugene W., Barbourville, assignor of one-half to C. L. Hammons, Corbin, Ky. Well cap. 2,179,191; Nov. 7.
Meacham, George, Clearwater, Fla. Truck. 2,176,636; Oct. 17.
Meacham, Larned A., Verona, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Stabilized oscillator. 2,163,403; June 20.
Mead, Charles H., Beckley, W. Va. Mine car scotch. 2,164,999; July 4.
Mead Corporation, The. (See Hochwalt, C. A., and Plunguian, assignors.)
Mead Corporation, The. (See Oberfell, Charles R., assignor.)
Mead Corporation. (See Samaras, N. N. T., and Plunguian, assignors.)
Mead, Daniel M. (See Ryan, R. W., Mead, and Phillips.)
Mead, George A., assignor to The Ohio Brass Company, Mansfield, Ohio. Insulator. 2,155,836; Apr. 25.
Mead, George A., assignor to The Ohio Brass Company, Mansfield, Ohio. Drill bit. 2,166,664; July 18.
Mead, Harold B., Ilford, England. Expanding shoe mechanism. 2,171,186; Aug. 29.
Mead, Harold G., Wynnewood, assignor to Leeds & Northrup Company, Philadelphia, Pa. Apparatus for measuring temperature. 2,151,928; Mar. 28.
Mead, Harry L., and J. L. Weaver, Brewster, Fla., assignors to American Cyanamid Company, New York, N. Y. Flotation of phosphate rock. 2,156,245; Apr. 25.
Mead, Howard C. (See Michel, C. A., Winkelmeyer, and Mead.)
Mead, Howard C., and R. D. Winkelmeyer, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Fender lamp. 2,148,870; Feb. 28.
Mead, James W., Coleman, Tex. Jack. 2,183,917; Dec. 19.
Mead, John E., Perivale, and H. G. M. Spratt, Slough, England. Television receiving apparatus. 2,164,537; July 4.
Mead Johnson & Company. (See Barton, R. W., and Cox, assignors.)
Mead Johnson & Company. (See Kemmerer, Kenneth S., assignor.)
Mead, Milton S., Jr., Schenectady, N. Y., assignor to General Electric Company. Therapeutic apparatus. 2,145,124; Jan. 24.
Mead, Milton S., Jr., Schenectady, N. Y., assignor to General Electric Company. Oscillation generator. 2,147,492; Feb. 14.
Mead, Milton S., Jr., Schenectady, N. Y., assignor to General Electric Company. System for measuring vibrational energy. 2,163,404; June 20.
Mead, Morris W., Jr. (See Irvin, R. R., and Mead.)
Mead, Richard R., Queens village, N. Y., assignor to Mergenthaler Linotype Company. Typographical machine. 2,157,795; May 9.
Mead, Richard R., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Slug-casting machine. 2.166,170; July 18.
Mead, Richard R., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing machine. 2,166,726; July 18.
Mead, Richard R., Queens Village, N. Y., assignor to Motion Displays, Inc. Prime mover. 2,173,385; Sept. 19.
Mead, Samuel N., assignor to Henschel Corporation, Amesbury, Mass. Measuring and indicating, particularly applicable to wind direction and velocity. 2,142,951; Jan. 3.
Mead, Theodore E., Wilmette, Ill. Sailboat mast bending. 2,162,441; June 13.
Meade, Grover H. (See Gillham, D. H., and Meade.)
Meagher, Bernard F. (See Meagher, John J. and B. F.)
Meagher, Ira E., Jr., Minneapolis, Minn. Toy airplane. 2,168,653; Aug. 8.
Meagher, John J., East Chelmsford, and B. F. Meagher, Lowell, Mass. Riding trailer. 2,144,806; Jan. 24.
Meagher, Joseph H., Bessemer, Mich. Balance wheel and self-oiling wrist pin. 2,157,242; May 9.
Meaker, Hughes G., et al. (See Thomas, William S., assignor.)
Meakin, Edgar N., San Francisco, Calif. Mechanism for molding material. 2,171,039; Aug. 29.
Meakin, Edgar T., San Francisco, Calif. Apparatus and method for grinding and polishing bore holes. 2,165,566; July 11.
Meakin, Edgar T., San Francisco, Calif. Preparing fish meal for storage and shipping. 2,167,723; Aug. 1.
Meakin, Edgar T., San Francisco, Calif. Mill. 2,167,900; Aug. 1.
Mealey, Robert C., et al. (See Ronning, B. E., and Mealey.)
Mealey, Robert C., Minneapolis, Minn., assignor of one-third to J. A. Ronning, and one-third to B. E. Ronning. Variable speed transmission mechanism. 2,165,934; July 11.
Means, Robert R., and H. E. Lederer, Osawatomie, Kans. Composition of matter for precipitating tannins. 2,176,592; Oct. 17.
Means, Truman I., Sana Fe, N. Mex. Bed. 2,156,507; May 2.
Mears, Donald B., St. Albans, Vt. Spinal detector. 2,161,370; June 6.
Measuregraph Company, The. (See Aeschbach, Walter E., assignor.)
Meaurite Products Company. (See Theodore, Manuel, assignor.)
Mebold, Frederick W., assignor to James R. Kearney Corporation, St. Louis, Mo. Making electrical connectors. 2,179,753; Nov. 14.
Mechana Kold Corporation. (See Limpert, Alexander S., assignor.)
Mechanical Handling Systems, Inc. (See Bishop, Leonard J., assignor.)
Mechanical Man, Inc. (See Dale, Frank L., assignor.)
Mechanical Ornamentation Corporation. (See Sichère, René M., assignor.)
Mechanism Limited. (See Moss, Douglas G. K., assignor.)
Mechau, Emil. (See Schmidt-Ott, H. D., and Mechau.)
Mechlin, William. (See Markley, J., Woodruff, and Mechlin.)
Meck, Edgar N., Portsmouth, Ohio, assignor, by mesne assignments, to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Taping and binding shoes. Re. 21,123; June 20.
Meckel, Henry, et al. (See Gentry, Walter A., assignor.)
Meckstroth, Louis W., Chicago, Ill. Intra-uterine device. 2,176,559; Oct. 17.
Meco-Brennkraft-Maschinen G. m. b. H. (See Kiecksee, Max, assignor.)
Mecorney, David B. (See White, J. A., and Mecorney.)
Medart, Fred, Manufacturing Company. (See Albach, Frank, assignor.)
Medart, Fred, Manufacturing Company. (See Albach, F., and Chervenka, assignors.)
Medenwald, Arthur L., assignor to E. B. Spencer and G. B. Morris, Los Angeles, Calif., co-partners doing business as Spencer & Morris. Suspending and moving a platform or the like. 2,164,128; June 27.
Meder, Frederick G., Tamaqua, Pa. Level. 2,145,988; Feb. 7.
Meder, Georg. (See Korinth, E., and Meder.)
Medford, Walter H., Brooklyn, N. Y. Typographical machine. 2,153,150; Apr. 4.
Medley, Russell S., and T. A. Owen, Longview, assignors to S. C. Brockman, Nueces County, Tex. Cement mixer mounting and drive. 2,142,588; Jan. 3.
Meduna, John F., Seattle, Wash. Coal stoker. 2,176,092; Oct. 17.
Medved, William, Fairbanks, Alaska. Wire bending and clenching tool. 2,156,187; Apr. 25.
Medwick, Maury P., Brooklyn, and Marvin Fox, New York, N. Y. Apparatus for applying linings to shoe soles. 2,166,765; July 18.
Meek, Carey J., Wheeler, Tex. Copy holder. 2,179,419; Nov. 7.
Meek, Eustice C., Upper Montclair, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Pouring carton. 2,162,632; June 13.
Meeker, Daniel M., assignor to The Toledo Porcelain Enamel Products Company, Toledo, Ohio. Paneled wall structure. 2,151,221; Mar. 21.
Meeker, David A., and J. C. Slager, assignors to The Hobart Manufacturing Company, Troy, Ohio. Food handling apparatus. 2,151,862; Mar. 28.
Meeker, David A., and H. L. Johnston, assignors to The Hobart Manufacturing Company, Troy, Ohio. Washing machine. 2,158,904; May 16.
Meeker, David A., and R. C. Geiger, assignors to The Hobart Manufacturing Company, Troy, Ohio. Food handling apparatus. 2,185,155; Dec. 26.
Meeker, David A., and R. C. Geiger, assignors to The Hobart Manufacturing Company, Troy, Ohio. Food handling apparatus. 2,185,156; Dec. 26.
Meeker, David O. (See Henderson, E. E., and Meeker.)
Meeker, Wells J., and L. Renftle, Warren, Ohio, assignors to General Electric Company. Connection for filament and lead wires. 2,145,186; Jan. 24.
Meeks, Andrew J., Nicholls, Ga. Attachment for cultivators. 2,179,596; Nov. 14.
Meeks, Robert E., Gatesville, Tex. Oven heat regulator. 2,153,265; Apr. 4.
Meendsen, Frederick H., Garden City, N. Y., assignor to International Paper Company. Protective garment. 2,176,463; Oct. 17.
Meenen, Walter. (See Kafka, W., and Meenen.)
Meers, William L., Engle, N. Mex. Marking square. 2,178,021; Oct. 31.
Meersteiner, Frieda, administratrix. (See Meersteiner, Johann.)
Meersteiner, Johann, deceased, assignor of one-half to the firm Bechert & Co., Drahtstifte-, Schrauben- und Stahlindustrie-Aktiengesellschaft, Saaz, Czechoslovakia; F. Meersteiner, administratrix. Metal fastener. 2,183,243; Dec. 12.

Mees, Charles E. K., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,158,882; May 16.
Mees, Charles E. K., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion containing supersensitized-4'-carbocyanines. 2,158,883; May 16.
Mees, Charles E. K., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,159,037; May 23.
Mees, Charles E. K., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,159,038; May 23.
Mees, Charles E. K., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,159,565; May 23.
Mees, Charles E. K., Rochester, N. Y., assignor by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Photographic apparatus. 2,161,371; June 6.
Mefferd, Ira W., Ainsworth, Nebr. Invisible rim spectacles. 2,181,062; Nov. 21.
Mefford, Fred E., Colorado Springs, Colo. Hose supporter grip and attaching means therefor. 2,166,474; July 18.
Méfina S. A. (See Hönger. Guido, assignor.)
Megela, George, Monessen, Pa. Sheet catcher and piler. 2,145,606; Jan. 31.
Meggenhofen, Eduard M., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electrical condenser. 2,157,715; May 9.
Megowen-Educator Food Company. (See Macdonald, George C., assignor.)
Megroot, John P., Cleveland, Ohio. Internal combustion engine. 2,157,297; May 9.
Megroot, John P., Cleveland, Ohio. Internal combustion engine. 2,172,170; Sept. 5.
Mehaffey, James B., Lynchburg, Va., assignor to The Black-Clawson Company, Hamilton, Ohio. Paper making machinery. 2,182,928; Dec. 12.
Mehl, Amos C., Crook, Colo. Beet loader. 2,161,073; June 6.
Mehlberth, Theodore G., Dayton, Ohio. Gear shifting device. 2,142,732; Jan. 3.
Mehner, Wilma. (See Rostler, F., and Mehner.)
Mehnert, Volkhart W., assignor to Elite-Diamantwerke Aktiengesellschaft, Siegmar-Schonau, Germany. Knitting machine. 2,169,469; Aug. 15.
Meidl, Raymond, et al. (See Rosener, Harold J., assignor.)
Meier, Albert J., Glendale, Mo. Seal. 2,154,632; Apr. 18.
Meier, John C., Stockton, Calif. Tire retreading mold. 2,174,590; Oct. 3.
Meier, Josef, assignor to the firm Actiengesellschaft Joh. Jacob Rieter & Cie, Winterthur, Switzerland. Control device for cleaning machines for textile materials. 2,180,761; Nov. 21.
Meier, Paul, Ridgewood, N. Y. Pen feeding machine. 2,170,567; Aug. 22.
Meier, Wilber L., North Arlington, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,158,564; May 16.
Meier, Wilber L., North Arlington, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Gas discharge tube and circuits. 2,164,538; July 4.
Meier, Wilber L., North Arlington, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Gas discharge tube and circuit. 2,180,815; Nov. 21.
Meier, William. (See Kessler, G. H., and Meier.)
Meighan, William A., Portland, Oreg. Wire rope fitting. 2,174,192; Sept. 26.
Meigs, Frederick M., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Protein derivative. 2,143,023; Jan. 10.
Meigs, Frederick M., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Pellicle and preparing same. 2,170,828; Aug. 29.
Meigs, Frederick M., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Film and preparing same. 2,170,829; Aug. 29.
Meigs, Frederick M., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproofing. 2,144,383; Jan. 17.
Meigs, Frederick M., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Moistureproof material and making the same. 2,169,366; Aug. 15.
Meigs, Frederick M., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic and printing media. 2,184,311; Dec. 26.
Meigs, Frederick M., and C. Dangelmajer, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Photographic and printing media. 2,184,310; Dec. 26.
Meigs, Henry G., West Allis, Wis. Highway marker. 2,151,277; Mar. 21.
Meik, John H., et al. (See Burton, Edgar F., assignor.)
Meiners, Henry, Township 14, Whitman County, Wash. Plant husbandry apparatus. 2,171,160; Aug. 29.
Meinhardt, Fritz, and H. Fricke, assignors to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Comparison microscope. 2,184,750; Dec. 26.
Meinholdt, Charles L. (See Dodge, G. A., Meinholdt, and Mack.)
Meinholdt, Charles L., assignor of one-fourth to F. P. Martin and one-fourth to C. H. Martin, Topeka, Kans. Mowing machine. 2,168,738; Aug. 8.
Meininghaus, Bernhard A., Dortmund, Germany. Method of and apparatus for increasing the sharpness of tuning. 2,173,851; Sept. 26.
Meininghaus, Ulrich, Muelheim-Ruhr, Germany. Steam turbine working with wet steam. 2,145,886; Feb. 7.
Meinzer, Gotthold H., Glendale, Calif. Recovering gold from its ores. 2,152,748; Apr. 4.
Meis, Frederick. (See Meis, Roman F., assignor.)
Meis, Roman F., assignor of one-half to F. Meis, Battle Lake, Minn. Ski binder. 2,153,809; Apr. 11.
Meisel, Charles A. (See Brenn, C. W., and Meisel.)
Meisel, Charles A., Milton, assignor to Meisel Press Manufacturing Company, Boston, Mass. Printing press. 2,146,586; Feb. 7.
Meisel, Charles A., Milton, assignor to Meisel Press Manufacturing Company, Boston, Mass. Convertible printing press. 2,149,028; Feb. 28.
Meisel, Harry. (See Moskowitz, M., and Meisel.)
Meisel Press Manufacturing Company. (See Meisel, Charles A., assignor.)
Meisel Press Manufacturing Company. (See Neilson, John P. E., assignor.)
Meiselman, Leo, Pittsburgh, and R. E. Stark, Carnegie, Pa., assignors to American Smelting and Refining Company, New York, N. Y. Sweating furnace. 2,176,267; Oct. 17.
Meiser, George H. (See Beckwith, Bernard J., assignor.)
Meisse, Louis A., assignor to The Ohio Brass Company, Mansfield, Ohio. Electric insulator. 2,146,344; Feb. 7.
Meisse, Louis A., assignor to The Ohio Brass Company, Mansfield, Ohio. Conductor support. 2,155,234; Apr. 18.
Meissl, Hugo, Oakville, Conn. Soil moistening device. 2,183,970; Dec. 19.
Meissner, Erich, Seestadt Rostock, assignor to E. Heinkel, Warnemunde, Germany. Adjustable seat with movable back for airplanes. 2,148,953; Feb. 28.
Meissner, Gustave C. F. (See Ammann, E., and Meissner.)
Meissner, Herman A., Wellsville, assignor to Sinclair Refining Company, New York, N. Y. Oil refining apparatus. 2,163,150; June 20.
Meissner, Theodor. (See Kränzlein, G., Schlichenmaier, and Meissner.)
Meiwald, Franz, Vienna, Austria. Applying a knitted covering to a cord-shaped body and a knitting machine for covering a cord-shaped body. 2,144,887; Jan. 24.
Mejer, Walther. (See Kiesskalt, S., and Mejer.)
Mekelburg, Harold L. (See Hunter R. B., and Mekelburg.)
Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Heating of fluids. 2,147,662; Feb. 21.
Mekler, Lev A., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,152,905; Apr. 4.
Melaney, William H., Pittsburgh, Pa. Composite roll. 2,155,610; Apr. 25.
Melba Machinery Royalty Corporation. (See Weil, Bert, assignor.)
Melcher, Lee W., Oconomowoc, assignor to Waukesha Motor Company, Waukesha, Wis. Refrigerating apparatus. 2,185,033; Dec. 26.
Melcher, Lee W., Oconomowoc, assignor to Waukesha Motor Company, Waukesha, Wis. Refrigerating apparatus. 2,185,034; Dec. 26.
Melcher, Lee W., Oconomowoc, assignor to Waukesha Motor Company, Waukesha, Wis. Evaporative condenser. 2,185,035; Dec. 26.
Melchert, Charles A. (See Starnes, G. R., and Melchert.)
Meldrum, Edward A. (See Sedelmeyer, H. A., and Meldrum.)
Meleches, John D., Chicago, Ill. Paper clip. 2,152,075; Mar. 28.
Melhado, Donald I., New York, N. Y. Vehicle roof structure. 2,148,318; Feb. 21.
Meller, William, Budapest, Hungary. Change-speed gear. 2,179,827; Nov. 14.
Mellinger, Arthur G., assignor of one-third to H. F. Morgan, Lancaster, Pa. Valve structure. 2,178,182; Oct. 31.
Mellon, E. P., II. (See Griffiths, James G., assignor.)
Mellon Institute of Industrial Research. (See Butler, C. L., and Cretcher, assignors.)
Mellon Institute of Industrial Research. (See Butler, C. L., Renfrew, and Cretcher, assignors.)
Mellon, James J., assignor to The Clark Controller Company, Cleveland, Ohio. Power control for machine tools. Re. 21,017; Feb. 28.
Mellor, Albert, and R. J. Mann, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of textile materials. 2,144,685; Jan. 24.
Mellor, Albert, G. Bingham, and W. Pool, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of textile and other materials. 2,184,559; Dec. 26.
Mellor Bromley & Co. Limited. (See Bromley, T. C., and Shortland, assignors.)
Mellor, Lewis L., and A. Zaugg, assignors to Paramount Productions, Inc., Los Angeles, Calif. Variable equivalent focal length lens. 2,159,394; May 23.

Mellor, Wilbur L., assignor to Baker-Lockwood Mfg. Company, Inc., Kansas City, Mo. Tent. 2,168,428; Aug. 8.
Melmer, Eric O., assignor to Anchor Steel & Conveyor Company, Detroit, Mich. Overload relief structure. 2,144,769; Jan. 24.
Melrath, Earle G., Philadelphia, Pa., assignor, by mesne assignments, to American Flange & Manufacturing Co., Inc., New York, N. Y. Barrel or drum flange unit. 2,156,540; May 2.
Melrath, Earle G., Philadelphia, Pa., assignor, by mesne assignments, to American Flange & Manufacturing Co., Inc., New York, N. Y. Mounting a sput in a metal container. 2,160,598; May 30.
Melton, Henry E., assignor to C. E. Jamieson & Company, Detroit, Mich. Deodorant powder. 2,144,632; Jan. 24.
Melton, Ode E., assignor to said O. E. Melton, as trustee for himself and F. L. Pilkenton, Burkburnett, Tex. Well washing device. 2,180,309; Nov. 14.
Melton, Romie L. (See Benner, R. C., Melton, and Boyer.)
Melton, Romie L. (See Kirchner, H. P., Melton, and Benner.)
Melton, Romie L., H. P. Kirchner, and R. C. Benner, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Apparatus for forming bonded granular articles. 2,150,034; Mar. 7.
Meltzer, Jacob, Port Jervis, N. Y. Staple pusher. 2,181,849; Nov. 28.
Meltzer, Jessie, assignor of one-third to F. J. Singer and one-third to L. W. Steiner, Bayonne, N. J. Signaling apparatus. 2,171,665; Sept. 5.
Meltzer, Leo A., Seattle, Wash. Theater chair. Re. 20,963; Jan. 3.
Melville, Alexander. (See Wrigley, J. H., and Melville.)
Melvin, William B. (See Hill, W. B., and Melvin.)
Melzer, Jacob M., Southwest Greensburg, assignor to Railway Industrial Engineering Company, Greensburg, Pa. Electrical bus system. 2,181,664; Nov. 28.
Menachof, Mitchell, Brookville, Ind. Marker. 2,155,992; Apr. 25.
Menasco, Albert S., Beverly Hills, assignor, by mesne assignments, to Vega Airplane Company, Burbank, Calif. Multiple motor drive. 2,180,599; Nov. 21.
Menaul, Paul L., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Method and apparatus for handling acidic solutions. 2,149,617; Mar. 7.
Mendel, William, Beverly, assignor to Neidich Cel-lus-tra Corporation, Burlington, N. J. Elastic fabric. 2,142,908; Jan. 3.
Mendel, William, Beverly, and J. Titone, assignors to Neidich Cel-Lus-Tra Corporation, Burlington, N. J. Elastic textile fabric. 2,147,169; Feb. 14.
Mendelsohn, Bernard E. (See Benson, B. H., and Mendelsohn.)
Mendelsohn, Samuel. (See Smith, Byron L., assignor.)
Mendelsohn, Samuel, Brooklyn, and L. Hartman, New York, N. Y. Camera focusing device. 2,156,433; May 2.
Mendelson, Ralph W., Albuquerque, N. Mex. Medicinal carrying tube. 2,142,278; Jan. 3.
Mendenhall, Earl. (See Johnson, C. E., and Mendenhall.)
Mendenhall, Earl, Los Angeles, and J. B. Van Horn, Alhambra, assignors to Byron Jackson Co., Huntington Parks, Calif. Control system for submersible motors and the like. 2,158,471; May 16.
Mendenhall, Earl, Los Angeles, and J. B. Van Horn, Alhambra, assignors to Byron Jackson Co., Huntington Park, Calif. Control system for submersible motor and the like. 2,158,472; May 16.
Mendenhall, Hallam E., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Glow discharge device. 2,159,747; May 23.
Menderman, Fred, assignor of one-third to C. M. Marlow, Miami, Fla. Fastener. 2,151,609; Mar. 21.
Mendez, Ciro F., Mexico, D. F., Mexico. Method of and apparatus for producing steroscopic pictures. 2,157,138; May 9.
Mendius, William. (See Pinkerton, R. D., and Mendius.)
Mendoza, Mordecai, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of metal-containing azo dyestuffs. 2,174,591; Oct. 3.
Mendoza, Mordecai, Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Disazo dyes. 2,177,371; Oct. 24.
Mendoza, Mordecai, and G. S. J. White, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Soluble azo dyestuffs. 2,143,956; Jan. 17.
Mendoza, Mordecai, and G. S. J. White, Backley, Manchester, England, assignors to Imperial Chemical Industries Limited. Coloring of leather. 2,150,389; Mar. 14.
Mendoza, Mordecai, and G. S. J. White, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Dyeing of furs. 2,183,752; Dec. 19.
Mendle, Milton D., Clayton, assignor to American Fixture & Showcase Manufacturing Co., St. Louis, Mo. Display fixture. 2,155,097; Apr. 18.
Menefee, Arthur B. (See Armstrong, H. H., and Menefee.)
Menefee, Robert B. (See Weatherwax, Leon J., assignor.)
Meng, Emil R. (See Heiber, W. G., and Meng.)
Mengdehl, Helmut. (See Baehr, H., Wenzel, and Mengdehl.)
Menge, Clarence H., assignor to The Murray Corporation of America, Detroit, Mich. Cushion construction. 2,172,942; Sept. 12.
Menge, Clarence H., Mount Clemens, assignor to The Murray Corporation of America, Detroit, Mich. Cushion construction. 2,175,062; Oct. 3.
Menge, Clarence H., Mount Clemens, assignor to The Murray Corporation of America, Detroit, Mich. Cushion. 2,178,670; Nov. 7.
Menge, Clarence H., Detroit, Mich., assignor to The Murray Corporation of America. Seat. 2,185,036; Dec. 26.
Mengel Body Company (Division of the Mengel Company). (See Green, Warren T., assignor.)
Mengel Body Company. (See Green, W. T., and Brenner, assignors.)
Mengel, Eric C., Westminster, assignor to Humphreys & Glasgow, Westminster, London, England. Apparatus for the carbonization of material, such as briquettes. 2,181,789; Nov. 28.
Menger, Adolf, Krefeld-Bockum, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Adhesive. 2,142,279; Jan. 3.
Mengeringhausen, Ernst, Oberbruch, and F. Berndt, Sydowsaue, near Stettin, Germany, assignors to North American Rayon Corporation, New York, N. Y. Manufacture of artificial silk. 2,182,762; Dec. 5.
Menhall, James W. (See Helms, H. W., and Menhall.)
Menk, Ferdinand C., Huntington, W. Va. Pneumatic separator. 2,147,911; Feb. 21.
Menk, Ferdinand C., Huntington, W. Va. Transferring bulk material. 2,173,177; Sept. 19.
Menke, Edward W., Chicago, Ill. Reflecting sign. 2,142,571; Jan. 3.
Menna, Antonio, Newark, assignor to Lovell-Dressel Company, Inc., Arlington, N. J. Hand lantern. 2,157,081; May 2.
Mennerich, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiving apparatus equipped with several loudspeakers. 2,148,994; Feb. 28.
Mennerich, Wilhelm, Berlin-Spandau, O. Siepke, Berlin-Staaken, and A. Schaaf, Berlin-Charlottenburg, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt near Berlin, Germany. Arrangement for varying the band width in high-frequency circuits. 2,177,835; Oct. 31.
Mennesson, Marcel, assignor to Société Anonyme Solex, Neuilly-sur-Seine, France. Regulating device for internal combustion engines supplied by fuel injection. 2,150,075; Mar. 7.
Mennesson, Marcel, assignor to Société Anonyme Solex", Neuilly-sur-Seine, France. Carburetor for internal combustion engines. 2,159,173; May 23.
Menning, Otto H., assignor to Gordon, Sewall & Co., Houston, Tex. Demountable vehicle body. 2,151,640; Mar. 21.
Menough, Paul S., Pittsburgh, Pa., assignor to Michiana Products Corporation, Michigan City, Ind. High temperature shaft or roll. 2,152,076; Mar. 28.
Menozzi, Giuseppe, Messina, Italy. Device for signaling the presence of illuminating gas in inhabited premises. 2,178,486; Oct. 31.
Menozzi, Giuseppe, Messina, Italy. Device for signaling the presence of illuminating gas in inhabited premises. 2,178,487; Oct. 31.
Menschner, Johannes, Rosswein, Germany. Machine for labeling webs. 2,157,556; May 9.
Mentetski, Kaiser W., Chicago, Ill. Welder's mask. 2,174,667; Oct. 3.
Menton, Joseph B., and B. W. Benz, assignors to The Murray Corporation of America, Detroit, Mich. Windshield regulator. 2,176,975; Oct. 24.
Menzel, Carl A., Homewood, Ill. Autoclave. 2,165,935; July 11.
Menzel, Carl A., Homewood, Ill. Measuring device. 2,171,666; Sept. 5.
Menzer, Anton, Brooklyn, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Temperature-compensated indicating instrument. 2,166,603; July 18.
Menzer, Sidney J. (See Dreyfus, H., Moncrieff, Menzer, and Eccles.)
Menzies, Thomas E. D. (See Scott, T. R., and Menzies.)
Mercaldo, Vincent. (See McClatchy, J. B., Mollenkof, and Mercaldo.)
Mercau, Carlos P., Buenos Aires, Argentina. Apparatus for registering, filing, and extracting cards, records, etc. 2,151,929; Mar. 28.
Mercedes Büromaschinen-Werke Aktiengesellschaft. (See Anschütz, Robert, assignor.)
Mercedes Büromaschinen-Werke Aktiengesellschaft. (See Pott, August F., assignor.)
Mercedes Büromaschinen-Werke Aktiengesellschaft. (See Pott, Friedrich, assignor.)
Mercer, James M., assignor to Vento Steel Products Company, Muskegon, Mich. Barn window. 2,153,873; Apr. 11.
Mercer, Raymond C., Los Angeles, Calif. Film rack and handling apparatus. 2,153,810; Apr. 11.
Merchant & Merchant. (See Peltier, William J., assignor.)

Merchant, Milton H., Dearborn, Mich., assignor to The American Agricultural Chemical Company, Newark, N. J. Removal of fluorine compounds from bone liquors. 2,176,464; Oct. 17.
Mercier, Jean, Neuilly-sur-Seine, France. Valve with constant calibration. 2,150,390; Mar. 14.
Mercier, Jean, Neuilly-sur-Seine, France. Packing device, stuffing box, and the like. 2,157,299; May 9.
Mercier, Jean, Paris, France. Retractable landing gear for airplanes. 2,157,963; May 9.
Mercier, Jean, Paris, France. Fluid-operated jack. 2,163,982; June 27.
Mercier, Jean, Neuilly-sur-Seine, France. Jointed mechanism. 2,181,949; Dec. 5.
Mercier, Pierre E., Paris, France. Cowling for aircraft engines or radiators. 2,175,535; Oct. 10.
Mercier, Warren C., assignor to American Hatters and Furriers Company, Incorporated, Danbury, Conn. Carroting process. 2,148,031; Feb. 21.
Mercier, Warren C., assignor to American Hatters and Furriers Company, Incorporated, Danbury, Conn. Carroting process. 2,148,032; Feb. 21.
Mercier, Warren C., assignor to American Hatters and Furriers Company, Incorporated, Danbury, Conn. Carroting process. 2,148,033; Feb. 21.
Mercier, Warren C., assignor to American Hatters and Furriers Company, Incorporated, Danbury, Conn. Carroting process. 2,148,034; Feb. 21.
Merck & Co. (See Dalmer, O., Diehl, and Walter, assignors.)
Merck & Co. (See Dalmer, O., and Niemann, assignors.)
Merck & Co. (See Dalmer, O., and von Werder, assignors.)
Merck & Co. (See Engels, William H., assignor.)
Merck & Co. (See Hromatka, Otto, assignor.)
Merck & Co. (See Major, R. T., and Cline, assignors.)
Merck & Co. (See Major, R. T., and Cook, assignors.)
Merck & Co. (See Rapp, B., and Russow, assignors.)
Merck & Co. (See Stevens, Joseph R., assignor.)
Merck & Co. (See Weijlard, J., and Stevens, assignors.)
Merck & Co. (See Wolfes, Otto, assignor.)
Merck & Co. Inc. (See Dalmer, O., and Diehl, assignors.)
Merck, & Co. Inc. (See Dalmer, O., and Walter, assignors.)
Merck & Co. Inc. (See Engels, W. H., and Stein, assignors.)
Merck & Co. Inc. (See Engles, W. H., and Weijlard, assignors.)
Merck & Co. Inc. (See Major, R. T., and Walti, assignors.)
Merck & Co. Inc. (See Roeder, Georg, assignor.)
Merck & Co. Inc. (See Walti, Alphonse, assignor.)
Merck & Co. Inc. (See Weijlard, John, assignor.)
Merck & Co. Inc. (See Zellner, C. N., and Stevens, assignors.)
Merco Nordstrom Valve Company. (See Nordstrom, Sven J., assignor.)
Mercury Manufacturing Company, The. (See Milz, H. E., and Kline, assignors.)
Meredith, Frederick W., and J. W. Barnes, South Farnborough, assignors to S. Smith & Sons (Motor Accessories) Limited, London, England. Antivibration mounting. 2,175,405; Oct. 10.
Meredith, George W., Cincinnati, Ohio. Internal combustion engine. 2,145,028; Jan. 24.
Meredith, Russell L., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Spark plug shield. 2,149,027; Feb. 28.
Merenda, Paul V. J., Fontenay-aux-Roses, France, assignor to The Turner Tanning Machinery Company, Portland, Maine. Splitting machine. 2,177,783; Oct. 31.
Mergenthaler Linotype Company. (See Albrecht, Christian A., assignor.)
Mergenthaler Linotype Company. (See Albrecht, C. A., and Brandenburg, assignors.)
Mergenthaler Linotype Company. (See Albrecht, C. A., and Sckrabei, assignors.)
Mergenthaler Linotype Company. (See Allison, George W., assignor.)
Mergenthaler Linotype Company. (See Ankarstran, William B., assignor.)
Mergenthaler Linotype Company. (See Bramlett, Ardrey M., assignor.)
Mergenthaler Linotype Company. (See Frolander, F. C., and Burt, assignors.)
Mergenthaler Linotype Company. (See Kingsbury, George P., assignor.)
Mergenthaler Linotype Company. (See Mead, Richard R., assignor.)
Mergenthaler Linotype Company. (See Morrison, Luther E., assignor.)
Mergenthaler Linotype Company. (See Petersen, William L., assignor.)
Mergenthaler Linotype Company. (See Quadt, John W., assignor.)
Mergenthaler Linotype Company. (See Sckrabei, Paul, assignor.)
Mergenthaler Linotype Company. (See Sperling, Wilhelm, assignor.)
Mergenthaler Linotype Company. (See Woodhall, Edward H., assignor.)
Merges, Herbert A., and K. Behnsen, Grossauheim, near Hanau, Germany. Cooling means for grinding mill disks. 2,176,142; Oct. 17.
Mergott, J. E., Company, The. (See Laubenstein, George, assignor.)
Meridian, Ltd. (See Morris, Fred E., assignor.)
Merifield, Ellis R. (See Lambert, H. J. and Merifield.)
Merill-Neil Co. (See Gangel, Jay C., assignor.)
Meritor Chemical Company. (See Morgan, Ezra J., assignor.)
Merk, George S., Watertown, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Handbag structure. 2,165,901; July 11.
Merkel, Arthur, et al. (See Maxwell, Walter, assignor.)
Merkel, Joseph F., assignor to General Railway Signal Company, Rochester, N. Y. Cabinet type housing for electrical apparatus. 2,145,797; Jan. 31.
Merkel, Joseph F., assignor to General Railway Signal Company, Rochester, N. Y. Control machine for railway traffic controlling systems. 2,145,798; Jan. 31.
Merkel, Joseph F., assignor to General Railway Signal Company, Rochester, N. Y. Electrically operated indicator for railway track switches. 2,149,225; Feb. 28.
Merkel, Joseph F., assignor to General Railway Signal Company, Rochester, N. Y. Control switch. 2,149,226; Feb. 28.
Merkel, Karl, Brooklyn, N. Y. Yarn rewinding set. 2,158,828; May 16.
Merkl, Sebastian, assignor of one-third to J. Leyenaar, New York, N. Y. Automatic lock operation indicator for keys. 2,176,465; Oct. 17.
Merkt, Gustav A., assignor to Morgan Construction Company, Worcester, Mass. Reversing apparatus for furnaces. 2,157,771; May 9.
Merkt, Gustav A., assignor to Morgan Construction Company, Worcester, Mass. Draft producing apparatus. 2,164,880; July 4.
Merkt, Gustav A., assignor to Morgan Construction Company, Worcester, Mass. Reversing apparatus for furnaces. 2,175,063; Oct. 3.
Merla Tool Company. (See Crickmer, Charles S., assignor.)
Merla Tool Company. (See Crickmer, C. S., and Glitsch, assignors.)
Merla Tool Company. (See Crickmer, C. S., and Lamb, assignors.)
Merley, Sylvan R., Riverton, assignor to Power Patents Company, Hillside, N. J. Manufacture of high antiknock motor fuels. 2,173,452; Sept. 19.
Merolle, Augustus L., Brooklyn, N. Y. Receptacle closure and method of making. 2,146,587; Feb. 7.
Merolle, Augustus L., Brooklyn, N. Y. Receptacle closure and making. 2,178,285; Oct. 31.
Merolle, Augustus L., assignor of one-half to Empire Metal Cap Co., Inc., Brooklyn, N. Y. Receptacle closure and manufacture thereof. 2,148,169; Feb. 21.
Merolle, Augustus L., assignor of one-half to Empire Metal Cap Co., Inc., Brooklyn, N. Y. Receptacle and closure therefor. 2,160,704; May 30.
Merolle, Augustus L., assignor of one-half to Empire Metal Cap Co., Inc., Brooklyn, N. Y. Receptacle closure. 2,170,386; Aug. 22.
Merralls, Charles N., Los Angeles, Calif. Float. 2,163,795; June 27.
Merriam, Ezra B., New Haven, Conn., assignor to General Electric Company. Electric circuit breaker. 2,144,542; Jan. 17.
Merriam, Ezra B., New Haven, Conn., assignor to General Electric Company. Electric circuit breaker. 2,157,911; May 9.
Merriam, Henry F. (See Fowler, T. V., and Merriam.)
Merriam, Henry F., West Orange, N. J., assignor to General Chemical Company, New York, N. Y. Production of sulphur dioxide. 2,155,200; Apr. 18.
Merriam, Henry F., West Orange, N. J., and T. V. Fowler, Jr., Pelham, assignors to General Chemical Company, New York, N. Y. Inhibitor. 2,146,154; Feb. 7.
Merriam, Henry F., West Orange, N. J., and G. W. Cupit, Jr., Massapequa Park, assignors to General Chemical Company, New York, N. Y. Sulphur oils. 2,156,919; May 2.
Merrick, Frank W., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Sewing machine. 2,149,456; Mar. 7.
Merrifield, John D., Rocky Ford, Colo. Bag-closing apparatus. 2,171,130; Aug. 29.
Merrigan, Peter A., New York, N. Y. Shoulder ornament mounting means. 2,164,252; June 27.
Merrill, Albert D., assignor to Chemipulp Process Inc., Watertown, N. Y. Method and apparatus for digesting fibrous material. 2,152,267; Mar. 28.
Merrill, Albert D., assignor to Chemipulp Process Inc., Watertown, N. Y. Treating cellulosic material. 2,175,154; Oct. 3.
Merrill, Albert D., and T. L. Dunbar, assignors to Chemipulp Process Inc., Watertown, N. Y. Absorbing and condensing digestion gases and vapors. 2,165,644; July 11.
Merrill, Carle J., Portland, Maine. Apparatus for and method of double web coating. 2,176,093; Oct. 17.
Merrill, Charles S. (See Dahmen, August H., assignor.)
Merrill Company, The. (See Mills, L. D., and Crowe, assignors.)
Merrill, David R., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Soluble oils. 2,158,374; May 16.
Merrill, Donald G., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for decorating and annealing glassware. 2,151,983; Mar. 28.

Merrill, Frank W., Fort Wayne, Ind., assignor to General Electric Company. Permanent magnet structure. 2,146,588; Feb. 7.
Merrill, Patterson D., assignor to M. B. Skinner Company, South Bend, Ind. Pipe joint seal. 2,142,452; Jan. 3.
Merrill, Ralph K., assignor to American Seating Company, Grand Rapids, Mich. Table or the like. 2,163,049; June 20.
Merrill, Ralph K., assignor to American Seating Company, Grand Rapids, Mich. School desk. 2,168,910; Aug. 8.
Merrill, Robert A. (See Sloman, C. M., and Merrill.)
Merrill, Warner J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of paper. 2,184,312; Dec. 26.
Merriman, Henry H., Kalamazoo, Mich. Throttle control device. 2,157,652; May 9.
Merritt, A. P., et al. (See Wright, George O., assignor.)
Merritt, Charles A., Miami, Fla. Oil burner. 2,170,480; Aug. 22.
Merritt, Edwin A. (See Marasco, M., and Merritt.)
Merritt Engineering & Sales Company. (See Merritt, Ericsson H., assignor.)
Merritt Engineering & Sales Co. (See Stanley, Richard W., assignor.)
Merritt Engineering and Sales Co. (See Stanley, R. W., and Merritt, assignors.)
Merritt, Ericsson H. (See Stanley, R. W., and Merritt.)
Merritt, Ericsson H., assignor to Merritt Engineering & Sales Company, Inc., Lockport, N. Y. Veneer press. 2,148,704; Feb. 28.
Merritt, Frank R., Haverhill, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe with extensible upper margin. 2,164,465; July 4.
Merritt, Richard S., Charleston, S. C., and F. Keller, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Composite sheet metal body and producing the same. 2,171,040; Aug. 29.
Merritt, Robert J., Los Angeles, Calif. Cooking range construction. 2,158,550; May 16.
Merrow Machine Company, The. (See Talmadge, Louis H., assignor.)
Mersereau, Charles J., Sacramento, Calif. Trailer control. 2,159,395; May 23.
Merté, Willy, assignor to the firm Carl Zeiss, Jena, Germany. Telephotographic objective. 2,171,274; Aug. 29.
Merten, William J., assignor to Bocjl Corporation, Pittsburgh, Pa. Treating metals. 2,145,989; Feb. 7.
Mertens, Frank, Staples, Minn. Fish lure. 2,175,635; Oct. 10.
Mertens, Gabriel R., Darby, Pa. Propeller. 2,161,074; June 6.
Mertes, Albert T., Newport, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Barium hydroxide production. 2,173,912; Sept. 26.
Mertes, Albert T., Newport, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cyclic process for making zinc sulphide pigment. 2,175,273; Oct. 10.
Mertis, Elmer F., Brooklyn, N. Y., assignor to American Machine & Foundry Company. Refrigerated sealer for wrapping machines. 2,175,274; Oct. 10.
Mertz, August A., Richmond Hill, assignor to P. L. Andrews Corporation, Brooklyn, N. Y. Collapsible display carton. 2,170,906; Aug. 29.
Mertz, Pierre, Bellerose, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,175,358; Oct. 10.
Mervis, Lou. (See Cullin, Jasper F., assignor.)
Merwin, Harry H., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Supporting device. 2,146,835; Feb. 14.
Merwin, Harry H., Rutherford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Demountable coupling. 2,146,836; Feb. 14.
Merz, Alfred. (See Schering, H., and Merz.)
Merz, Emil. (See Apotheker, C., Hartmann, and Merz.)
Merz, Eugene, Florham Park, assignor to The Calco Chemical Company, Inc., Bound Brook N. J. Pigment purification. 2,144,115; Jan. 17.
Merz, Ludwig, Berlin-Haselhorst, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Self-compensating amplifier. 2,172,961; Sept. 12.
Merz, Melvin W., Geneva, Ill. Aroma diffusing apparatus. 2,144,190; Jan. 17.
Mesinger, Frederick, Mount Vernon, N. Y. Saddle. 2,149,247; Feb. 28.
Mesinger, William F. (See Baker, H. J., and Mesinger.)
Mesinger, William F., Mt. Vernon, N. Y., assignor to Oxweld Acetylene Company. Balanced double seated valve. 2,178,079; Oct. 31.
Mesinger, William F., Mount Vernon, assignor to The Linde Air Products Company, New York, N. Y. Method and apparatus for dispensing gas material. 2,180,090; Nov. 14.
Messamore, Arthur C., Clinton, Tenn. Pedal drive for velocipedes. 2,181,665; Nov. 28.
Messer, Adolf, Frankfort-on-the-Main, Germany. Liquefaction and separation of gases. 2,180,715; Nov. 21.
Messer, Edward, assignor to Cannon Mills Company, Kannapolis, N. C. Harness cam control. 2,160,554; May 30.
Messer, Edward, assignor to Cannon Mills Company, Kannapolis, N. C. Harness control. 2,165,000; July 4.
Messer, George. (See Messer, Samuel and G.)
Messer, Peter J., assignor to Luther Manufacturing Company, Inc., Olean, N. Y. Winch driving gear assembly. 2,162,962; June 20.
Messer, Peter J., assignor to Luther Manufacturing Company, Inc., Olean, N. Y. Winch. 2,170,504; Aug. 22.
Messer, Samuel, Rockaway Park, and G. Messer, Flushing, N. Y. Garment display form. 2,177,836; Oct. 31.
Messer, William E., Cheshire, Conn., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Vulcanization of rubber. 2,143,161; Jan. 10.
Messer, William E., Cheshire, Conn., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Vulcanization of rubber. 2,167,030; July 25.
Messer, William E., Cheshire, Conn., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Manufacture of mercapto-aryl-thiazoles. 2,176,593; Oct. 17.
Messier, Aime C., Chicago, Ill. Salvage device. 2,167,989; Aug. 1.
Messina, Frank, Kansas City, Mo. Skid preventing device. 2,147,451; Feb. 14.
Messing, Joseph A. (See Frank, W. H., and Messing.)
Messing, Joseph A. (See Frank, W. H., Fisher, and Messing.)
Messing, Joseph A. (See Frank, W. H., Messing, and Hollingsworth.)
Messing, Louis N., and R. E. Naumburg, assignors to Jonas & Naumburg Corporation, New York, N. Y. Treating fur skins. 2,151,930; Mar. 28.
Messinger Devices, Incorporated. (See Messinger, Lester H., Jr., assignor.)
Messinger, Lester H., Jr., Trumbull, assignor to Messinger Devices, Incorporated, Bridgeport, Conn. Carburetor. 2,145,730; Jan. 31.
Messinger, Lester H., Jr., Trumbull, assignor to Messinger Devices, Incorporated, Bridgeport, Conn. Motor vehicle control. 2,168,232; Aug. 1.
Messinger, Lester H., Jr., Trumbull, assignor to Messinger Devices, Incorporated, Bridgeport, Conn. Attachment for internal combustion engines. 2,168,605; Aug. 8.
Messinger, William, Philadelphia, assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Strain gauge. 2,152,556; Mar. 28.
Messner, Georg, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Electrolytic cell. 2,150,775; Mar. 14.
Messner, Georg, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Removing magnesium from aluminum alloys containing magnesium. 2,174,926; Oct. 3.
Messner, Maximilian. (See Deserno, P., and Messner.)
Messner, Maximilian, Berlin-Westend, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Television arrangement. 2,161,305; June 6.
Mesta Machine Company. (See Iversen, Lorenz, assignor.)
Mesterton, Kuno W., Brooklyn, N. Y. Vegetable slicing and stringing tool. 2,170,536; Aug. 22.
Meston, Archibald F., Middlesex, N. J., assignor, by mesne assignments, to Behr-Manning Corporation. Production of pile surfaces. 2,173,078; Sept. 12.
Meston, Archibald F., Middlesex, and H. A. Wintermute, Plainfield, N. J., assignors, by mesne assignments, to Behr-Manning Corporation. Production of piled surfaces in pattern form. 2,152,077; Mar. 28.
Meston, Archibald F., Bound Brook, and H. A. Wintermute, Plainfield, N. J., assignors, by mesne assignments, to Behr-Manning Corporation. Piled surface in pattern form. 2,174,328; Sept. 26.
Mestre, Louis N., assignor to Anciens Etablissements Barbier, Benard & Turenne, Paris, France. Episcopic apparatus. 2,168,487; Aug. 8.
Mestre, Louis N., assignor to Anciens Etablissements Barbier, Benard & Turenne, Paris, France. Lighting system. 2,183,462; Dec. 12.
Meszar, John, Basking Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,145,053; Jan. 24.
Meszar, John, Basking Ridge, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,162,268; June 13.
Metal Carbides Corporation. (See De Bats, J. H. L., and Ritz, assignors.)
Metal & Controls Corporation. (See Peterson, Arthur W., assignor.)
Metal Display Equipment Company. (See Witt, George A., assignor.)
Metal Fittings, Inc. (See Blaho, Rudolph, assignor.)
Metal Hose & Tubing Co. (See Berkowitz, Robert, assignor.)
Metal Hose & Tubing Co. (See Wallace, A. L., and Berkowitz, assignors.)
Metal Hydrides Inc. (See Alexander, Peter P., assignor.)
Metal Lumber Corporation of New Jersey, The. (See Frick, Henry E., assignor.)
Metal Mouldings Corporation. (See Chamberlin, Clarence P., assignor.)
Metal Mouldings Corporation. (See Chamberlin, C. P., and Toner, assignors.)

Metal Specialties Manufacturing Co. (See Lee, J. H., Jr., and Willis, assignors.)
Metal Textile Corporation. (See Dowd, Charles H., assignor.)
Metal Textile Corporation. (See Goodloe, Alfred M., assignor.)
Metal Textile Corporation. (See Kingman, Russell B., assignor.)
Metal Textile Corporation. (See Smith, Stanton M., Jr., assignor.)
Metal & Thermit Corporation. (See Ahlert, Wilhelm, assignor.)
Metal Trim Limited. (See Penkala, Emil, assignor.)
Metal Tube Shaping Corporation. (See Dewey, Clarence L., and S. L., assignors.)
Metalectric Corporation, The. (See Watson, Edgar E., assignor.)
Metallgesellschaft Aktiengesellschaft et al. (See Bentz, E., and Jaenicke, assignors.)
Metallising Engineering Company. (See Reid, William C., assignor.)
Metallurgical Development Company Limited. (See Head, Casimir J., assignor.)
Metals & Controls Corporation. (See Butler, Benjamin J., assignor.)
Metals & Controls Corporation. (See Most, Lucifer J., assignor.)
Metals & Controls Corporation. (See Payette, Joseph A., assignor.)
Metals & Controls Corporation. (See Peterson, Arthur W., assignor.)
Metals Disintegrating Company. (See Ziehl, Othon A., assignor.)
Metals Recovery Co. (See Buchanan, George W., assignor.)
Metalwash Machinery Company. (See Zademach, Erich R., assignor.)
Metcalf, Alfred W. (See Hunter, P. V., and Metcalf.)
Metcalf, Alpha H., Attleboro, Mass. Collar holder. 2,148,569; Feb. 28.
Metcalf, Elbert L., assignor to Jones-Blair Paint & Varnish Company, Dallas, Tex. Paint composition. 2,146,126; Feb. 7.
Metcalf, Frank R., assignor to Columbian Rope Company, Auburn, N. Y. Wire rope center. 2,184,502; Dec. 26.
Metcalf, Herbert E., Walnut Creek, assignor to E. H. Kueffer, Oakland, Calif. Double circuit frictionally restrained switch. 2,147,630; Feb. 21.
Metcalf, Herbert E., Walnut Creek, assignor to E. H. Keuffer, Oakland, Calif. Rotation indicating switch. 2,148,489; Feb. 28.
Metcalf, Herbert E. (See Hotchner, H., and Metcalf.)
Metcalf, Herbert E., Walnut Creek, assignor to E. H. Kueffer, Oakland, Calif. Vehicle signaling system. 2,175,848; Oct. 10.
Metcalf, Herbert E., Walnut Creek, assignor to E. H. Kueffer, Oakland, Calif. Steering column directional signal switch. 2,180,688; Nov. 21.
Metcalf, Howard H. (See Seaman, D. J., and Metcalf.)
Metcalf, Howard H., assignor to Metcalf Manufacturing Co., Battle Creek, Mich. Method and apparatus for heating. 2,167,122; July 25.
Metcalf Manufacturing Co. (See Metcalf, Howard H., assignor.)
Metcalf, Walter W., Hoosick Falls, N. Y. Cylinder paper machine. 2,162,097; June 13.
Methlin, Nicolas E., assignor to Schneider & Cie, Paris, France. Electric tele-indicator device. 2,148,954; Feb. 28.
Metrawatt Aktiengesellschaft, Fabrik Elektrischer Messgeraete. (See Bernhard, A., and Beyrich, assignors.)
Metrawatt Aktiengesellschaft, Fabrik Elektrischer Messgeraete. (See Bernhard, A., Beyrich, and Habermann, assignors.)
Metrik, Simon. (See Engleman, Charles S., assignor.)
Metropolis Bending Company. (See Hansburg, George B., assignor.)
Metropolis Bending Company, The. (See Park, Alan B., assignor.)
Metropolitan Body Company, The. (See Carlson, Philip, assignor.)
Metropolitan Device Corporation. (See Allen, Albert J., assignor.)
Metropolitan Device Corporation. (See Kuhn, Alfred R., assignor.)
Metropolitan Device Corporation. (See Rypinski, Albert B., assignor.)
Metropolitan Device Corporation. (See Rypinski, A. B., and Bay, assignors.)
Metropolitan Engineering Company. (See Hoffer, Le Roy H., assignor.)
Metropolitan Engineering Company. (See Holmes, Henry S., assignor.)
Metropolitan Engineering Company. (See Lawrence, John H., assignor.)
Metropolitan Engineering Company. (See Phelps, G. H., and Holmes, assignors.)
Metry, Lylla R. (See Walthausen, V., and Metry.)
Mettler, Carl, assignor to the firm of J. R. Geigy S. A., Basel, Switzerland. Acid anthraquinone dyestuffs and their manufacture. 2,158,473; May 16.
Mettler, Frederick A., Hutchinson County, S. Dak. Adjustable grain check attachment for grain binders. 2,149,534; Mar. 7.
Mettler, Hans W., Geneva, Switzerland. Roller casing for textile stretching apparatus. 2,158,631; May 16.
Mettler, Hans W., Geneva, Switzerland. Textile stretching apparatus. 2,158,632; May 16.
Mettler, John W., East Millstone, assignor to Interwoven Stocking Company, New Brunswick, N. J. Hosiery. 2,150,333; Mar. 14.
Mettmanner Britannia-Warenfabrik W. Seibel. (See Borofski, Heinrich, assignor.)
Metz, John, Hollis, N. Y. Hair waving device. 2,159,358; May 23.
Metz, Peter P. (See Dailey, C. O., and Metz.)
Metz, Samuel T., assignor to Treo Company, Inc., Jamaica, N. Y. Corset garment. 2,157,422; May 9.
Metzgar, Chester W., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Separator. 2,157,829; May 9.
Metzger, Alfred R., White Bear Lake, assignor of one-half to D. C. Shepard, St. Paul, Minn. Making containers. 2,154,691; Apr. 18.
Metzger, Edgar F., Logansport, Ind. Flush valve. 2,145,772; Jan. 31.
Metzger, Floyd J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Production of acetylene. 2,179,378; Nov. 7.
Metzger, Floyd J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Manufacture of acetylene. 2,179,379; Nov. 7.
Metzger, Fritz, Chicago, Ill. Typewriter. 2,148,570; Feb. 28.
Metzger, Karl, Ludwigshafen-on-the-Rhine, and L. Andrussow, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of olefin oxides. 2,178,454; Oct. 31.
Metzger, Lothar W., Cologne-Deutz, and O. Bayer, Leverkusen-I. G. Werk, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Halogenvinylketone. 2,173,066; Sept. 12.
Metzger, William F., Queens Village, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,174,059; Sept. 26.
Metzger, William J., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car coupler. 2,170,907; Aug. 29.
Metzger, William J., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Coupler shank and yoke connection. 2,170,908; Aug. 29.
Metzler, Henry J., Seattle, Wash. Device for raising fish plugs. 2,175,757; Oct. 10.
Metzner, Albert W. (See Sherman, J. Q., and Metzner.)
Metzner, Albert W. (See Sherman, J. Q., Metzner, and Gopperton.)
Metzner, Loyde H., assignor to Lane-Wells Company, Los Angeles, Calif. Perforating gun. 2,142,572; Jan. 3.
Meuer, George J., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric snap switch. 2,143,162; Jan. 10.
Meuer, George J., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Door-operated electric switch. 2,155,765; Apr. 25.
Meuer, George J., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch of the slow-make, slow-break type. 2,172,396; Sept. 12.
Meuer, George J., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric switch. 2,172,397; Sept. 12.
Meulendyke, Charles E., Rochester, N. Y. Producing a colloid relief on a nickel surface. 2,143,995; Jan. 17.
Meulendyke, Charles E., Rochester, N. Y. Preparing halftone negatives with variable-density screens. 2,150,805; Mar. 14.
Meuly, Walter C., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of aromatic aldehydes. 2,158,518; May 16.
Meuly, Walter C., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Production of aromatic aldehydes. 2,158,519; May 16.
Meuly, Walter C., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Perfume compositions and making the same. 2,184,526; Dec. 26.
Meuser, Ludwig, Naugatuck, and C. S. Dewey, Cheshire, Conn., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Manufacture of aliphatic ketone-diarylamine antioxidants. 2,160,223; May 30.
Meybauer, Gustav, Berlin-Friedrichshafen, Germany, assignor to General Electric Company. Electric cable. 2,169,108; Aug. 8.
Meyer, Adolph F., Minneapolis, Minn. Compound compensated governor. 2,179,559; Nov. 14.
Meyer, Adolf L., Berkeley, Calif. Work holder with layout and checking device. 2,178,264; Oct. 31.
Meyer, Andre J., Grosse Pointe, assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,162,514; June 13.
Meyer, Andre J., Lexington, Ky., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,172,541; Sept. 12.
Meyer, Andre J., Lexington, Ky., assignor to Mawen Motor Corporation, New York, N. Y. Engine. 2,181,705; Nov. 28.
Meyer, August A., River Forest, Ill. Composition for preserving flowers. 2,168,304; Aug. 1.

Meyer, August J., Oak Park, assignor of one-half to A. D. Blieden, Chicago, Ill. Meat feeding machine. 2,175,275; Oct. 10.
Meyer, Charles, Yonkers, assignor to Bartman & Bixer Inc., New York, N. Y. Sewing machine. 2,170,948; Aug. 29.
Meyer, David, assignor to The Hygienol Co. Inc., New Rochelle, N. Y. Receptacle or box. 2,170,060; Aug. 22.
Meyer, Edwin L. (See Belknap, W. L., and Meyer.)
Meyer, Edwin M., Parkersburg, W. Va., assignor to Porcelain Products, Inc., Hancock County, Ohio. Indicating fuse cut-out. 2,159,039; May 23.
Meyer, Ernest. (See Dewhirst, H., and Meyer.)
Meyer, Eugene C., assignor to R. W. Werner, Milwaukee, Wis. Television apparatus. 2,147,452; Feb. 14.
Meyer, Ferd H. (See Harrison, W. F., and Meyer.)
Meyer, Ferd H., Oakland, assignor to The Adhesive Products Co., San Francisco, Calif. Method and apparatus for forming parcel handles. 2,164,935; July 4.
Meyer, Frank W., East St. Louis, Ill. Radiator guard for motor vehicles. 2,184,882; Dec. 26.
Meyer, Fred C., Wyckoff, assignor to The Okonite-Callender Cable Company, Incorporated, Paterson, N. J. Electric cable system. 2,180,425; Nov. 21.
Meyer, Frederick S., Minneapolis, Minn. Preparing dental restoratives. 2,171,759; Sept. 5.
Meyer, Friedrich, Berlin-Halensee, and H.-J. Spanner, Berlin, Germany, and E. Germer, Stockholm, Sweden, assignors, by mesne assignments, to General Electric Company. Metal vapor lamp. 2,182,732; Dec. 5.
Meyer, Georg, Cologne-Mulheim, Germany, assignor, by mesne assignments, to General Aniline Works, Inc., New York, N. Y. Manufacture of condensation products of totally hydrolized protein material and products thereof. 2,143,490; Jan. 10.
Meyer, Georg, Cologne-Mulheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Stable compositions comprising chlorinated substances. 2,166,604; July 18.
Meyer, Georg, Hanover, Germany. Preparation of salts of cellulose ether carboxylic acids. 2,171,222; Aug. 29.
Meyer, Georg, Cologne-Mulheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Condensation products of hydrolized protein material and their manufacture. 2,183,856; Dec. 19.
Meyer, George L. N., Milwaukee, Wis. Filler valve. 2,167,123; July 25.
Meyer, George L. N., Milwaukee, Wis. Conveyer. 2,180,284; Nov. 14.
Meyer, George W., Glenshaw, and S. E. Shackelford, Westview, Pa.; said Shackelford assignor to said Meyer. Apparatus for decorating glassware. 2,152,356; Mar. 28.
Meyer, Gustav, assignor to Maybach-Motorenbau Gesellschaft mit beschrankter Haftung, Friedrichshafen-on-the-Bodensee, Germany. Change speed gear. 2,151,132; Mar. 21.
Meyer, Gustav, assignor to Maybach-Motorenbau Gesellschaft mit beschränkter Haftung, Friedrichshafen-on-the-Bodensee, Germany. Pneumatic control valve. 2,165,001; July 4.
Meyer, Gustav, assignor to Maybach Motorenbau Gesellschaft mit beschränkter Haftung, Friedrichshafen on the Bodensee, Germany. Change-speed gear. 2,181,460; Nov. 28.
Meyer, Gustav A. J. (See Priesmeyer, Charles, assignor.)
Meyer, Harry J., Fords, N. J. Liquid dispensing valve. 2,184,194; Dec. 19.
Meyer, Harvey E., Kansas City, Mo. Cooling device. 2,177,185; Oct. 24.
Meyer, Henry C. A., Syracuse, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Filter. 2,183,368; Dec. 12.
Meyer, Hermann, Sr., Hanover, Germany. Vulcanizing apparatus. 2,156,188; Apr. 25.
Meyer, Job L. G., and J. V. Raskie, assignors to Washington Co-Operative Egg and Poultry Association, Seattle, Wash. Preserving eggs and apparatus for carrying out said process. 2,184,063; Dec. 19.
Meyer, John F., assignor to The Exhibit Supply Company, Chicago, Ill. Game apparatus. 2,150,515; Mar. 14.
Meyer, Jules. (See Graenacher, C., and Meyer.)
Meyer, Karl A., assignor to L. J. Mueller Furnace Company, Milwaukee, Wis. Fan blade welding apparatus. 2,174,801; Oct. 3.
Meyer, Leonard S. (See Howald, A. M., and Meyer.)
Meyer, Lester W. A., and F. R. Conklin, Kingsport, Tenn., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Manufacture of organic esters of higher alcohols and lower aliphatic acids. 2,173,124; Sept. 19.
Meyer, Louis, New York, N. Y., assignor, by mesne assignments, to American Type Founders, Inc., Elizabeth, N. J. Photographic composing machine. 2,160,750; May 30.
Meyer, Ludwig. (See Wagner, H., and Meyer.)
Meyer, Milton, Brooklyn, N. Y. Visor for collapsible caps. 2,158,861; May 16.
Meyer, Oskar, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of hard carbides. 2,158,520; May 16.
Meyer, Oskar, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Recovery of magnesium. 2,163,796; June 27.
Meyer, Oskar, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Treating phosphatic ores. 2,168,169; Aug. 1.
Meyer, Paul F., Gary, Ind. Bicycle. 2,184,244; Dec. 19.
Meyer, Pierre H., Mount Vernon, N. Y. Corner bracket for shelves. 2,168,911; Aug. 8.
Meyer, Pierre H., Mount Vernon, N. Y. Yieldable ticket holder. 2,168,912; Aug. 8.
Meyer, Pierre H., Mount Vernon, N. Y. Partition supporting bracket. 2,176,466; Oct. 17.
Meyer, Raymond, assignor to Pathé Cinema, Anciens Etablissements Pathé Freres, Paris, France. Method and apparatus for the elimination of defects in sound tracks. 2,160,252; May 30.
Meyer, Sidney K., Detroit, Mich. Device for indicating the undercover temperature in a bed. 2,163,050; June 20.
Meyer, Siegfried, Berlin, Germany. Garment hanger and support therefor. 2,180,489; Nov. 21.
Meyer, Theodore F. W., Birmingham, assignor to Federal Mogul Corporation, Detroit, Mich. Shaft bearing. 2,166,259; July 18.
Meyer, Vernon H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Clutch mechanism. 2,158,192; May 16.
Meyer, Vernon H., Beverly, assignor to Sibley-Pym Corporation, Lynn, Mass. Tension mechanism for winding machines. 2,164,336; July 4.
Meyer, Walter R. (See Groene, W. F., and Meyer.)
Meyer, Walter R. (See Groene, W. F., Siekmann, and Meyer.)
Meyer, Walter R., Milford, and M. F. Dunleavey, Bridgeport, Conn., assignors to General Electric Company. Production of bright copper. 2,172,171; Sept. 5.
Meyer, Wendel J., Philadelphia, and T. W. Demarest, Haverford, assignors to The Pennsylvania Railroad Company, Philadelphia, Pa. Cross ridge and brace construction for freight cars. 2,146,221; Feb. 7.
Meyer, Wilfred N. (See Pevere, E. F., and Meyer.)
Meyer, Wilfried. (See Friederich, E., and Meyer.)
Meyer, Wilfried, Birkenwerder, near Berlin, Germany, assignor to General Electric Company. Luminous body. 2,177,735; Oct. 31.
Meyer, Wilfried, Berlin-Birkenwerder, and H. Neldel, Berlin-Halensee, assignors to Patent-Treuhand-Gesellschaft für elektrische Glühlampen m. b. H., Berlin, Germany. Gas-enclosed resistance element. 2,144,888; Jan. 24.
Meyer, William, East Orange, and H. C. Krone, Weehawken, assignors to A. W Wheaton Brass Works, Inc., Newark, N. J. Detachable valve cage for tank emergency valves. 2,164,039; June 27.
Meyer, Wm., Company, The. (See Hudson, Dwight C., assignor.)
Meyercord Company, The. (See Carr, J. B., and Rathke, assignors.)
Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Heat transfer system. 2,148,571; Feb. 28.
Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Fan. 2,155,611; Apr. 25.
Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Core mounting. 2,170,031; Aug. 22.
Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Lamp. 2,172,925; Sept. 12.
Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Heater. 2,174,992; Oct. 3.
Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Heat exchange structure. 2,174,038; Sept. 26.
Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Heater. 2,175,812; Oct. 10.
Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Motor mounting. 2,178,401; Oct. 31.
Meyers, George C., Michigan City, Ind. Vehicle supporting deck. 2,165,400; July 11.
Meyers, George J., Jr., Lynn, Mass., assignor to General Electric Company. Spinning together a metal and a ceramic article. 2,180,992; Nov. 21.
Meyers, Leo L., San Leandro, assignor to Ralph N. Brodie Company, Oakland, Calif. Selective valve manifold for tank trucks. 2,185,061; Dec. 26.
Meyers, Sidney E., Lockport, assignor to Control Equipment Corporation, Buffalo, N. Y. Consistency control device. 2,171,312; Aug. 29.
Meyers, Stanley T., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave amplifying system. 2,167,367; July 25.
Meyers, Stanley T., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave amplifying system. 2,167,368; July 25.
Meyerson, Louis B., Greenwich, Ohio. Vaporizer. 2,164,881; July 4.
Mically, Emanuel. (See Rosenberg, P., and Mically.)
Micele, John J. (See Mancini, Vincenzo, assignor.)
Miceli, Salvatore, Booklyn, N. Y. Motor design sign with electric bulbs. 2,166,818; July 18.
Michael, Clark D., Huntington, Ind. Overhead door construction. 2,169,271; Aug. 15.
Michael, Harry V., Los Angeles, Calif. Permanent hair waving. 2,171,885; Sept. 5.
Michael, John H. (See Silless, T. G. A., and Michael.)
Michael, Oscar S. (See McAllister, W. G., and Michael.)

Michael, Paul, Erfurt, Germany. Tire tread and pressure regulating device. 2,177,042; Oct. 24.
Michael, Wilhelm. (See Pier, M., Michael, and Jaeckh.)
Michael, Wilhelm, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of valuable hydrocarbons and their derivatives containing oxygen. 2,183,146; Dec. 12.
Michael, Wilhelm, Ludwigshafen-on-the-Rhine, and W. Jaeckh, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing hydrocarbons. 2,183,145; Dec. 12.
Michaelis, Heinrich, Jr., Berlin-Waidmannslust, Germany, assignor to R. M. Ritter, Frankford, Philadelphia, Pa. Treatment of chlorinated rubber and products thereof. 2,179,980; Nov. 14.
Michaelis, Lothar, Washington, D. C., assignor to General Electric Company. Electromagnetic device. 2,180,159; Nov. 14.
Michaels, Edwin B. (See Goldfarb, A. R., and Michaels.)
Michaels, Frank L., Fort Thomas, Ky. Logging strip. 2,145,489; Jan. 31.
Michaels, Stern & Co. (See Heller, Israel E., assignor.)
Michaelson, Gale C., and C. R. Davis, assignors of one-sixth to R. Hansen, Boise, Idaho. Hydromotor. 2,171,732; Sept. 5.
Michaelson, John W. (See Kesteven, C. E., and Michaelson.)
Michal, James, assignor to Storkline Furniture Corporation, Chicago, Ill. Foot well for baby carriages. 2,153,471; Apr. 4.
Michalek, John C., and E. C. Soule, Niagara Falls, assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Manufacture of hydrogen peroxide. 2,144,341; Jan. 17.
Michalek, John C., and E. C. Soule, Niagara Falls, assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Manufacture of hydrogen peroxide. 2,178,640; Nov. 7.
Michalk, Hans J., et al., heirs. (See Michalk, Otto.)
Michalk, Johanna E., nee Voigt, et al., heirs. (See Michalk, Otto.)
Michalk, Otto, Dresden, Germany. Hammering roller with balls. 2,167,181; July 25.
Michalk, Otto and M. J. E., nee Voigt, Dresden, and Hans J. Michalk, Chemnitz, Germany, heirs of P. O. Michalk, deceased. Shoe making machine. 2,156,767; May 2.
Michalka, Harry W., Rice Lake, Wis. Wrench. 2,160,977; June 6.
Michalski, John, Canton, and Y. V. Sims, Ladysmith, Wis. Battery clamp. 2,181,337; Nov. 28.
Michel, Clarence A., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Switch. 2,172,666; Sept. 12.
Michel, Clarence A., R. D. Winkelmeyer, and H. C. Mead, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Headlamp construction. 2,148,635; Feb. 28.
Michel, Dr. G. H., and Co. (See Crothers, Paul W., assignor.)
Michel, James O., Cliffside Park, assignor of one-third to L. J. Schroeder, North Bergen, N. J. Expanding and dilating device. 2,144,660; Jan. 24.
Michel, Josef M., Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Stabilizing alkali metal nitrate melts used in the heat treatment of metals. 2,166,364; July 18.
Michel, Josef M., Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Treatment of metals. 2,166,365; July 18.
Michel, Josef M., Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Flux for welding magnesium and magnesium alloys. 2,171,041; Aug. 29.
Michel, Mathias, Wauwatosa, Wis., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Protective relay system for synchronous machines. 2,169,029; Aug. 8.
Michel, Paul H. (See Ice, James N., assignor.)
Michel, Richard, Krefeld-Uerdingen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Polymerization of olefins. 2,182,617; Dec. 5.
Michelin et Cie. (See Hauvette, Jacques M. T., assignor.)
Michell, Anthony G. M., Melbourne, Victoria, Australia. Internal combustion engine. 2,152,811; Apr. 4.
Michell-Crankless Engines Corporation. (See Larkin, Elwood T., assignor.)
Michelin et Cie. (See Bourdon, Pierre M., assignor.)
Michell-Crankless Engines Corporation. (See Sherman, Thomas L., assignor.)
Michelson, Max, New York, N. Y. Scaffolding. 2,142,651; Jan. 3.
Michelssen, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron tube. 2,151,789; Mar. 28.
Michener, Edward R., and W. G. Vollmer, assignors to H & H Machine & Motor Parts Co., St. Louis, Mo. Machine-shop fixture. 2,173,398; Sept. 19.
Michiana Products Corporation. (See Klouman, Henning, assignor.)
Michiana Products Corporation. (See Menough, Paul S., assignor.)
Michielli, Pierre. (See Caldora, Armand, assignor.)
Michigan Alkali Company. (See Garrels, J. C., and Roderick, assignors.)
Michigan Alkali Company, The. (See Roderick, Howard, assignor.)
Michigan Artcraft Company. (See McFall, Thurlow E., assignor.)
Michigan Book Binding Company. (See Turnbull, George W., assignor.)
Michigan Cellulose Corporation. (See Slauter, L. V., and Salter, assignors.)
Michigan Ladder Company. (See Lewis, Melvin J., assignor.)
Michigan, The State of, as represented by the Attorney General. (See Wessborg, E. S., and Morrison, assignors.)
Michigan Tool Company. (See Drader, Joseph C., assignor.)
Michigan Tool Company. (See Drader, J. C., and Rovick, assignors.)
Michigan Tool Company. (See Pelphrey, Harry, assignor.)
Michigan Wire Goods Company. (See Smith, Benjamin H., assignor.)
Michniewicz, Stanislaw, Los Angeles, Calif. Piano-mandolin. 2,151,133; Mar. 21.
Mickelson, Alfred O. (See McFarland, O. D., and Mickelson.)
Mickelson, Alfred O., Chicago, and A. J. Duaei, Lombard, Ill. Coating shoe. 2,147,308; Feb. 14.
Mickelson, Alfred O., and L. C. Schillo, assignors to Roofing Machinery Mfg. Co., Inc., Chicago, Ill. Mechanism for making composition shingles. 2,149,029; Feb. 28.
Mickelson, Alfred O., Chicago, and A. J. Duaei, Lombard, Ill. Coupler. 2,153,096; Apr. 4.
Mickelson, Alfred O., and L. C. Schillo, assignors to Roofing Machinery Mfg. Co., Inc., Chicago, Ill. Roll-winding mechanism. 2,171,667; Sept. 5.
Mickelson, Alfred O., Chicago, and A. J. Duaei, Lombard, Ill. Antifriction pipe guide. 2,174,193; Sept. 26.
Mickelsen, Antone O., Portland, Oreg. Sterilizer. 2,165,497; July 11.
Mickley, Joseph K., Western Springs, Ill., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,182,158; Dec. 5.
Mickow, Theodore J., Hamlet, Ind. Woodworking machine. 2,175,907; Oct. 10.
Micro Switch Corporation. (See Coleman, Edwin D., assignor.)
Micro Switch Corporation. (See Eaton, Malcolm W., assignor.)
Micro Switch Corporation. (See Hathaway, John R., assignor.)
Micro Switch Corporation. (See Riche, Arthur L., assignor.)
Micro Switch Corporation. (See Riche, A. L., and Hathaway, assignors.)
Micro Switch Corporation. (See Schulte, Walter B., assignor.)
Micro Switch Corporation. (See Zook, John S., assignor.)
Micro-Westco, Inc. (Abramson, Ernest L., assignor.)
Micro-Westco, Inc. (See Peiserich, F. P., and Bielenberg, assignors.)
Micro-Westco, Inc. (See Petskeyes, Charles H., assignor.)
Micro-Westco, Incorporated. (See Vollmer, Earl C., assignor.)
Micromatic Hone Corporation. (See Brower, Eugene F., assignor.)
Micromatic Hone Corporation. (See Brower, E. F., and Harris, assignors.)
Microphone Corporation of America. (See Kaplowitz, Morris, assignor.)
Mid-Continent Petroleum Corporation. (See Dons, E. M., and Mapes, assignors.)
Mid-Continent Petroleum Corporation. (See Dons, E. M., Mauro, and Mapes, assignors.)
Mid-Continent Petroleum Corporation. (See Mapes, D. B., and Dons, assignors.)
Mid-Continent Petroleum Corporation. (See Provine, R. W., and Bennett, assignors.)
Middelboe, Kristian, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y. Nodulizing apparatus. 2,162,782; June 20.
Middendorf, Leonhard. (See Bockmühl, M., Middendorf, and Starck.)
Middleby-Marshall Oven Co. (See Davis, W. E., and Schonwald, assignors.)
Middleby-Marshall Oven Co. (See Shonwald, William, assignor.)
Middleton, Andrew W., Oakland, Calif. Tent. 2,168,913; Aug. 8.
Middleton, Donald R., et al. (See Hanley, Stanley M., assignor.)
Middleton, Edmund B. (See Dawson, G. A., and Middleton.)
Middleton, Edmund B. (See Jennings, A. B., and Middleton.)
Middleton, Edmund B., Metuchen, and A. B. Jennings, New Brunswick, N. J., assignors to Du Pont Film Manufacturing Corporation, New York, N. Y. Color-forming photographic compositions and processes. 2,182,815; Dec. 12.
Middleton, Henry B., Philadelphia, Pa. Electric control mechanism. 2,182,850; Dec. 12.

Middleton, Herbert T., Englewood, N. J., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Cocoa and sugar compound and makinig same. 2,179,130; Nov. 7.
Middleton, Lena H., Burley, Idaho. Shampoo collar. 2,172,589; Sept. 12.
Middleton, Orrie C., Corunna, assignor of one-half to H. L. Hartley, Owosso, Mich. Sanding and spreading device. 2,162,103; June 13.
Midland Company, The. (See Nemec, Joseph, assignor.)
Midland Electric Coal Corporation. (See Bixby, Kenneth R., assignor.)
Midland Steel Products Company, The. (See Dietrich, Neff T., assignor.)
Midland Steel Products Company. (See Eklund, Ivar G., assignor.)
Midland Steel Products Company. (See Fitzgerald, Harold R., assignor.)
Midland Steel Products Company, The. (See Kessler, G. H., and Meier, assignors.)
Midland Steel Products Company, The. (See Kuiper, Gerhard C. R., assignor.)
Midland Steel Products Company, The. (See Maddock, Robert H., assignor.)
Midland Steel Products Company, The. (See Mummery, Clyde W., assignor.)
Midland Steel Products Company, The. (See Riemenschneider, E., and Fettel, assignors.)
Midland Steel Products Company, The. (See Riemenschneider, E., and Luedtke, assignors.)
Midland Steel Products Company, The. (See Smith, William E., assignor.)
Midland Steel Products Company. (See Sneed, John, assignor.)
Midland Steel Products Company, The. (See Wallace, Robert H., assignor.)
Midland Steel Products Company, The. (See Wallace, R. H., and Riemenschneider, assignors.)
Mid-States Gummed Paper Company. (See Humphner, Ferdinand W., assignor.)
Mid-States Gummed Paper Company. (See Miskella, William J., assignor.)
Midvale Company, The. (See Frevert, H. L., and Foley, assignors.)
Midway Chemical Co. (See Follen, James H., assignor.)
Midway Chemical Co. (See Glover, John, assignor.)
Midwest Car Company. (See Varga, Louis, assignor.)
Midwest Doll Manufacturing Corporation. (See Petrov, Arthur, assignor.)
Mid-West Forge Company. (See Ferm, John F., assignor.)
Mid-West Forge Company. (See Ross, F. N., Scoutten, and Ferm, assignors.)
Midwest Manufacturing Company. (See Birkholz, Richard G., assignor.)
Mid-West Oil Well Cleaning Corporation. (See Williams, Henry E., assignor.)
Midyette, John T., Jr., Scarsdale, N. Y., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Unit ventilator. 2,154,523; Apr. 18.
Midyette, John T., Jr., Scarsdale, N. Y., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Heating system. 2,160,600; May 30.
Miedendorp, Henry, Jr. (See Giet, J., and Miedendorp.)
Mieg, Walter, Opladen, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Anthraquinone derivatives and preparing the same. 2,149,064; Feb. 28.
Mieg, Walter, Opladen, and W. Burneleit, Cologne-Deutz, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Carbazole derivatives. 2,154,176; Apr. 11.
Mieg, Walter, and F. Wieners, Opladen, and W. Burneleit, Cologne, Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Preparation of vat dyestuffs of the anthraquinone series. 2,157,991; May 9.
Mieher, Gustav H., Carlinville, Ill. Bicycle. 2,182,345; Dec. 5.
Miehle Printing Press & Manufacturing Company. (See Dudley, Edward F., assignor.)
Miehle Printing Press & Manufacturing Company. (See Golber, H. E., and Zenone, assignors.)
Miehle Printing Press & Manufacturing Company. (See Grossarth, Albert A., assignor.)
Miehle Printing Press and Manufacturing Company. (See Hadert, Hans, assignor.)
Miehle Printing Press and Manufacturing Company. (See Wilkinson, William J., assignor.)
Miele, John, Jersey City, N. J. Drier. 2,183,200; Dec. 12.
Miener, Albert V., Belleville, Ill. Necktie holder. 2,176,537; Oct. 17.
Mieras, Merritt A., and T. W. Hallerberg, Chicago, Ill., assignors, by mesne assignments, to United Specialties Company, Detroit, Mich. Air cleaner. 2,150,745; Mar. 14.
Mies, Frank P., Chicago, Ill. Garment hanger. 2,178,048; Oct. 31.
Miescher, Karl, Riehen, and K. Hoffmann, Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Diphenylacetic acid esters. 2,143,491; Jan. 10.
Miescher, Karl, Riehen, near Basel, and E. Urech, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Therapeutically active amidines. 2,149,457; Mar. 7.
Miescher, Karl, Riehen, and K. Hoffmann, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Acyloxy mercury urethanes. 2,156,598; May 2.
Miescher, Karl, Riehen, and C. Scholz, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Estradiol esters esterified in 3-position and making same. 2,156,599; May 2.
Miescher, Karl, Roehen, and C. Scholz, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Partially esterified compounds of the dihydroestrin series and making same. 2,160,555; May 30.
Miescher, Karl, Riehen, and A. Wettstein, Basel, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Hydantoins containing the sterol nucleus. 2,161,928; June 13.
Miescher, Karl, Riehen, and W. Fischer, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Separation and purification of carbonyl compounds. 2,172,590; Sept. 12.
Miescher, Karl, Riehen, and A. Wettstein, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Preparation having enhanced sexual hormone action and making same. 2,173,337; Sept. 19.
Miescher, Karl, Riehen, and H. Kaegi, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Carbonic acid derivatives. 2,173,423; Sept. 19.
Miescher, Karl, Riehen, and H. Kaegi and P. Plattner, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of carbonyl compounds of the cyclopentanopolyhydrophenanthrene series. 2,180,762; Nov. 21.
Miessner, Benjamin F., assignor to Miessner Inventions, Inc., Millburn Township, Essex County, N. J. Apparatus for the production of music. 2,168,623; Aug. 8.
Miessner Inventions, Inc. (See Jacobs, Charles T., assignor.)
Miessner Inventions, Inc. (See Miessner, Benjamin F., assignor.)
Miessner, Benjamin F., Millburn Township, Essex County, and C. T. Jacobs, New Providence Township, Union County, N. J., assignors to Miessner Inventions, Inc. Apparatus for the production of music. Re. 21,225; Oct. 3.
Miessner Inventions, Inc. (See Miessner, B. F., and Jacobs, assignors.)
Miettunen, John A., Mulino, Oreg. Shaving brush. 2,145,570; Jan. 31.
Mietzsch, Fritz, and J. Klarer, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Azo compounds. 2,148,705; Feb. 28.
Mietzsch, Fritz, and J. Klarer, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Azo compounds. 2,148,910; Feb. 28.
Mietzsch, Fritz. (See Behnisch, R., Klarer, and Mietzsch.)
Miguel, Joseph H., St. Albans, assignor to L. E. Karches, Middle Village, Long Island, N. Y., and himself, trading as Miguel Non-Clog Core Company. Radiator construction. 2,149,065; Feb. 28.
Miguel Non-Clog Core Company. (See Miguel, Joseph H., assignor.)
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Camera winding device. 2,150,693; Mar. 14.
Mihalyi, Joseph, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Range and view finder system for cameras. 2,153,198; Apr. 4.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Camera adjusting mechanism. 2,161,372; June 6.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic shutter and pretimer. 2,165,401; July 11.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic camera. 2,165,402; July 11.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Control mechanism for focal plane shutters. 2,165,403; July 11.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Film wind for folding cameras. 2,169,000; Aug. 8.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Camera shutter setting and film winding mechanism. 2,169,001; Aug. 8.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Two part roll holding camera. 2,172,337; Sept. 5.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Lens mount. 2,172,338; Sept. 5.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic camera. 2,172,339; Sept. 5.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Focusing camera. 2,172,340; Sept. 5.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic apparatus. 2,180,013; Nov. 14.

Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic apparatus. 2,184,016; Dec. 19.
Mihalyi, Joseph, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic camera. 2,184,017; Dec. 19.
Miick, Fred E. (See Sayers, W. W., and Miick.)
Mikaelson, Erik W., assignor to Treadwell Engineering Company, Easton, Pa. Uncoiling mechanism. 2,177,577; Oct. 24.
Mikalson, Arthur V., Arlington, Wash. Fruit jar grinder. 2,180,640; Nov. 21.
Mikan, Victor, Durand, Mich. Soft stone eliminator. 2,144,384; Jan. 17.
Mikes, John J., Cicero, assignor of one-half to E. E. Wagner, Chicago, Ill. Platform operating means. 2,178,879; Nov. 7.
Mikeska, Louis A., Westfield, and R. Rosen, Elizabeth, N. J., assignors to Standard Oil Development Company. Oiliness agent in lubricating oils. 2,149,857; Mar. 7.
Mikeska, Louis A., Westfield, N. J., assignor to Standard Oil Development Company. Sulphuric acid derivatives of alkyl-phenols. 2,162,269; June 13.
Mikeska, Louis A., Westfield, and E. Lieber, Linden, N. J., assignors to Standard Oil Development Company. Stabilized lubricating composition. 2,174,248; Sept. 26.
Miketta, C. A. (See Keys, Roy E., assignor.)
Miketta, Casimir A. (See Ammen, F. D., and Maxwell, assignors.)
Mikina, Stanley J. (See Baker, J. G., Rushing, Mikina, and Else.)
Mikina, Stanley J., Wilkinsburg, K. A. Oplinger, Verona, W. O. Osbon, Swissvale, and S. Sentipal, East McKeesport, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,155,280; Apr. 18.
Mikina, Stanley J., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Speed regulator. 2,162,490; June 13.
Mikkelson, Berent A., Seattle, Wash. Two-in-one weed puller and hoe. 2,166,015; July 11.
Milan, Joseph M., Chicago, Ill. Brake. 2,177,372; Oct. 24.
Milan, Roland W. (See Mathis, J. A., and Milan.)
Milano, Marie, et al. (See Palmieri, Cesare, assignor.)
Milas, Nicholas A., Belmont, Mass., assignor to Research Corporation. Extraction, concentration, and fractional separation of vitamins A and D. 2,173,629; Sept. 19.
Milas, Nicholas A., Belmont, assignor to Massachusetts Institute of Technology, Cambridge, Mass. Peroxidic products. 2,176,407; Oct. 17.
Milavec, Frank, Cleveland, Ohio. Explosive projectile. 2,184,802; Dec. 26.
Milbank, Elmer F., Galesburg, Ill., assignor to Detroit Lubricator Company, Detroit, Mich. Lubricating device. 2,160,784; May 30.
Milbrand, Otto. (See White, Eli, assignor.)
Milburn, Joseph S., Columbia, Mo. Garment hanger. 2,180,252; Nov. 14.
Milburn, Roy, and W. Briggs, Muskogee, Okla. Coal pusher for locomotive tenders. 2,161,373; June 6.
Milcor Steel Company. (See Kuehn, Louis, assignor.)
Milde, Rudolph, Berlin-Lankwitz, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Circuit arrangement for recording telephonic communications. 2,147,820; Feb. 21.
Milde, Rudolf, Berlin-Lankwitz, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Reproducing telephonic communications. 2,156,094; Apr. 25.
Miler, Clyde L., Rock Rapids, Iowa. Brake. 2,184,050; Dec. 19.
Miles, Arthur C. (See Schuyler, G. L., Miles, and Chadwick.)
Miles, Franklin S. (See Hufford, Harry J., assignor.)
Miles, James C., Cleveland Heights, Ohio. Controlling the operation of a furnace. 2,164,882; July 4.
Miles, John. (See Fraser, J. S., and Miles.)
Miles, John B., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Steam treatment of polyamides. 2,157,117; May 9.
Miles, John B., Jr., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Making fabric. 2,157,119; May 9.
Miles, Joseph W., Chadwell Heath, England, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,150,237; Mar. 14.
Miles, Lawrence D., Schenectady, N. Y., assignor to General Electric Company. Discharge device. 2,152,201; Mar. 28.
Miles, Lawrence D., Ballston Lake, N. Y., assignor to General Electric Company. Liquid cathode device. 2,167,521; July 25.
Miles, Lawrence D., Ballston Lake, N. Y., assignor to General Electric Company. Pool-type discharge device. 2,175,908; Oct. 10.
Miles, William S., Hastings on Hudson, assignor to Johns-Manville Corporation, New York, N. Y. Structural assembly and unit and method of making. 2,149,741; Mar. 7.
Milhaupt, Edgar A., Appleton, Wis. Valve control mechanism. 2,151,278; Mar. 21.
Milholland, Texas A., Little Rock, Ark. Air conditioning apparatus. 2,175,536; Oct. 10.
Milhomme, Alexander, Ridgefield Park, assignor to Progressive Silk Finishing Co., Hoboken, N. J. Decorating narrow fabrics. 2,180,745; Nov. 21.
Mili, Gjon, Montclair, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Incandescent filament and lamp. 2,180,538; Nov. 21.
Milich, Vlada, Detroit, Mich. Caster. 2,182,445; Dec. 5.
Milk Bottle Crate Company, et al. (See Keiner, H. A., and Stoddard, assignors.)
Milk Processes, Inc. (See Sharples, Laurence P., assignor.)
Mill Engineering & Supply Company, The. (See Stone, Carlton, assignor.)
Millan, Edward N. (See Barnes, H. C., and Millan.)
Millan, Edward N., and E. B. Hudson, assignors to The American Rolling Mill Company, Middletown, Ohio. Hot strip coiler. 2,150,934; Mar. 21.
Millan, Edward N., and E. G. Schlup, assignors to The American Rolling Mill Company, Middletown, Ohio. Adjustment of speed-load characteristics of mill motors. 2,153,429; Apr. 4.
Millar, Alberta J., et al. (See Millar, Stephen R., assignor.)
Millar, James H., Dublin, Irish Free State, assignor to Arthur Guinness, Son and Company Limited, London, England. Manufacture of food extract from yeast. 2,149,306; Mar. 7.
Millar, James H., Dublin, Irish Free State, assignor to Arthur Guinness, Son and Company Limited, London, England. Centrifugal filter and separator. 2,153,581; Apr. 11.
Millar, James H., Dublin, Irish Free State, assignor to Arthur Guinness, Son and Company Limited, London, England. Collector for centrifugal apparatus. 2,154,134; Apr. 11.
Millar, Russell W. (See Bent, F. A., Millar, and Wik.)
Millar, Russell W., Berkeley, and R. L. Maycock, assignors to Shell Development Company, San Francisco, Calif. Purification and separation of gaseous mixtures. 2,164,194; June 27.
Millar, Stephen R., assignor of one-half to A. J. Millar and one-half to O. P. McHale, Los Angeles, Calif. Quantity indicating wrapper. 2,159,997; May 30.
Millard, Everett L., Highland Park, Ill. Heat control mechanism. 2,151,222; Mar. 21.
Millard, Jacob F., Gerrardstown, W. Va. Fruit treating and washing machine. 2,180,689; Nov. 21.
Millard, Raymond B., Tulsa, Okla. Vapor-liquid separator. 2,151,863; Mar. 28.
Millard, Raymond B., Tulsa, Okla. Heating furnace structure. 2,171,941; Sept. 5.
Millard, Raymond B., Tulsa, Okla. Method and apparatus for treating emulsions. 2,179,131; Nov. 7.
Millberg, Harry. (See Fish, Lawrence, assignor.)
Mille, Eustache. (See Arkin, J., and Mille.)
Millen, Lincoln H., Modesto, Calif. Peach pitting machine. 2,185,090; Dec. 26.
Millen, Stanley S., Glendale, assignor to J. Schmid, Beverly Hills, Calif. Stripping machine. 2,155,977; Apr. 25.
Millen, Stanley S., Glendale, assignor to J. Schmid, Beverly Hills, Calif. Bead forming machine. 2,158,011; May 9.
Miller, Albert E., Westfield, N. J., and G. R. Lord, Pelham Manor, assignors to Sinclair Refining Company, New York, N. Y. Solvent regeneration of spent decolorizing adsorbent. 2,161,306; June 6.
Miller, Albert E., Westfield, N. J., and W. B. Chenault, Wellsville, assignors to Sinclair Refining Company, New York, N. Y. Solvent regeneration of decolorizing adsorbents. 2,161,307; June 6.
Miller, Alfred, Orchard Park, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Anthraquinone products and making. 2,155,673; Apr. 25.
Miller, Alfred, Dessau, assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Photographic developer. 2,172,216; Sept. 5.
Miller, Alfred B. (See Snavely, C. S., Miller, and Jackel.)
Miller, Alfred J. (See Bucknam, J. H., and Miller.)
Miller, Alfred J. (See Jones, H. W., and Miller.)
Miller, Ambrose C., Jenkintown, assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Tone control. 2,181,817; Nov. 28.
Miller, Andrew E. (See Shoemaker, L. A., and Miller.)
Miller, Arthur, Chelsea, assignor to Sanborn Company, Nov. 14.
Cambridge, Mass. Eliminating distortion. 2,180,160;
Miller, Arthur O., Youngstown, Ohio, assignor to The Petroleum Iron Works Company of Ohio. Tank reinforcing ring. 2,164,660; July 4.
Miller, Arthur W. (See McMahon, J. H., and Miller.)
Miller, Bemis E., Salamanca, N. Y., assignor to The American Monorail Company, Cleveland, Ohio. Electrical control system. 2,156,636; May 2.
Miller, Benjamin, Richmond, N. Y., assignor to Power Patents Company, Hillside, N. J. Method of and apparatus for analyzing gas. 2,152,439; Mar. 28.
Miller, Benjamin H., Wadsworth, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Support for hollow bodies. 2,151,298; Mar. 21.
Miller, Benjamin H., Wadsworth, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Jointed conduit. 2,154,407; Apr. 11.

Miller, Benjamin H., Wadsworth, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Composite flange structure. 2,181,196; Nov. 28.
Miller, Bert C., Montclair, N. J. Producing multilayer ribbon strips. 2,166,819; July 18.
Miller, Bianca A., Ardmore, Pa. Concentrating trough. 2,183,971; Dec. 19.
Miller, Brian E. M., London, England assignor to Celanese Corporation of America. Sign ornamental device and the like. 2,147,748; Feb. 21.
Miller, Bruce D., assignor to The Girdler Corporation, Louisville, Ky. Removal of oil from refrigerating systems. 2,149,358; Mar. 7.
Miller, Bruce D., Louisville, Ky., assignor, by mesne assignments, to United States of America, as represented by Secretary of Interior. Process and apparatus for the extraction of helium from gaseous mixtures. 2,151,299; Mar. 21.
Miller, Burton F., Hollywood, Calif., assignor to United Research Corporation, Long Island City, N. Y. Light valve. 2,142,573; Jan. 3.
Miller, Carl F., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Electron discharge tube and the like. 2,163,310; June 20.
Miller, Carl W., Beaver Falls, assignor to Pressed Steel Car Company, Inc., Pittsburgh, Pa. Car construction. 2,142,249; Jan. 3.
Miller, Carroll E., assignor to Cone Automatic Machine Company Inc., Windsor, Vt. Stock controlled mechanism. 2,156,157; Apr. 25.
Miller, Carroll E., assignor to Cone Automatic Machine Company Inc., Windsor, Vt. Threading mechanism. 2,161,548; June 6.
Miller, Charles, deceased, Long Island City, N. Y.; I. G. Miller, executrix, assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Making cemented shoes. 2,163,696; June 27.
Miller, Charles D., Huntington Park, Calif. Machine for making corrugated paper. 2,173,852; Sept. 26.
Miller, Charles F., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vat color printing paste. 2,174,005; Sept. 26.
Miller, Charles H., Shaker Heights, assignor to Universal Sewer Pipe Company, Cleveland, Ohio. Coping. 2,153,308; Apr. 4.
Miller, Charles J., Jr. (See Jennens, W. S., and Miller.)
Miller, Charles M. (See Laube, G., Stevens, and Miller.)
Miller, Christian, New York, N. Y., assignor to Edwards and Company, Inc. Code calling selector. 2,169,158; Aug. 8.
Miller, Clemmy O., and R. G. Roberts, Chicago, Ill., assignors to E. I. du Pont de Nemours and Company, Wilmington, Del. Production of finely divided sodamide. 2,163,100; June 20.
Miller, Clemmy O., and A. E. Siehrs, Chicago, Ill., assignors to North American Rayon Corporation, New York, N. Y. Manufacture of cellulose esters. 2,181,906; Dec. 5.
Miller, Clifton W., New York, N. Y., assignor to Sullivan Machinery Company. Method of and apparatus for handling loose material. 2,147,663; Feb. 21.
Miller Company, The. (See Doane, Leroy C., assignor.)
Miller Company, The. (See Lapointe, Donald H., assignor.)
Miller Company, The. (See Poey, Charles D., assignor.)
Miller-Craven, Inc. (See Whittlesey, Willis S., assignor.)
Miller, Daniel D., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,180,539; Nov. 21.
Miller-Davis Co. (See Davis, J. O., and Martin, assignors.)
Miller, Denver, Modoc Point, Oreg. Opening and closing mechanism for gates, doors, and the like. 2,166,743; July 18.
Miller, Donald A., New Philadelphia, and M. M. Miller, Dover, Ohio. Lock seam for pipe. 2,147,775; Feb. 21.
Miller, Donald W. (See Parks, P. B., and Miller.)
Miller, Edward, Brooklyn, N. Y. Indicating plug for barrels and other containers. 2,144,460; Jan. 17.
Miller, Edward, Columbus, Ohio, assignor to Lynch Corporation. Emergency stop for glassware making machines. 2,146,482; Feb. 7.
Miller, Edward G., Cleveland, Ohio. Building blocks for hollow walls. 2,145,187; Jan. 24.
Miller, Edward L., Moline, Ill., assignor to American Machine and Metals, Inc., New York, N. Y. Mechanism for impregnating articles with fluidic material. 2,165,936; July 11.
Miller, Edward L., Moline, Ill., assignor to American Machine and Metals, Inc., New York, N. Y. Extractor. 2,182,346; Dec. 5.
Miller, Edward L., and T. A. Bryson, Troy, assignors, by mesne assignments, to American Machine and Metals, Inc., New York, N. Y. Centrifugal apparatus. 2,182,159; Dec. 5.
Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Work placing method and means for gear cutting machines. 2,168,488; Aug. 8.
Miller, Edward W., assignor to The Fellows Gear Shaper Company, Springfield, Vt. Involute measuring machine. 2,171,589; Sept. 5.
Miller, Elbert S., Jellico, Tenn. Coupling. 2,168,101; Aug. 1.
Miller, Ella. (See Holister, Hilde, assignor.)
Miller, Elmer E. and H. L. Millersburg, Pa. Selector mechanism for single trigger actions. 2,173,308; Sept. 19
Miller, Ernest M. (See Denison, F. S., and Miller.)
Miller, Ernest M., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control mechanism. 2,175,720; Oct. 10.
Miller, Erwin E., Fullerton, Calif. Mud pump piston. 2,175,441; Oct. 10.
Miller, Erwin E., Fulerton, Calif. Mud pump piston. 2,175,442; Oct. 10.
Miller, Floyd L. (See Morway, A. J., and Miller.)
Miller, Floyd L., and C. F. Smith, Elizabeth, N. J., assignors to Standard Oil Development Company. High pressure lubricant. 2,156,265; May 2.
Miller, Floyd L., Roselle Park, and C. F. Smith, Elizabeth, N. J., assignors to Standard Oil Development Company. Lubricant. 2,161,970; June 13.
Miller, Ford S., New Salem, Kans. Electrode holder. 2,162,633; June 13.
Miller, Frank. (See Shuler, Harry V., assignor.)
Miller, Frank E., Swissvale, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,165,978; July 11.
Miller, Frank M., Santa Monica, Calif. Hamburger press. 2,184,080; Dec. 19.
Miller, Frank P., Meadville, Pa. Rotary cutter. Re. 21,068; May 2.
Miller, Frank P., Meadville, Pa. Inserted blade cutter. 2,144,986; Jan. 24.
Miller, Frank P., Meadville, Pa. Making cutter blades. 2,144,987; Jan. 24.
Miller, Frank P., Meadville, Pa. Inserted blade cutter. 2,150,286; Mar. 14.
Miller, Frederick W., Chicago, Ill., assignor to C. G. Conn, Ltd., Elkhart, Ind. Drum major's baton. 2,146,972; Feb. 14.
Miller, George E., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Dipper trip control. 2,152,907; Apr. 4.
Miller, George E., assignor to The Buckeye Traction Ditcher Company, Findlay, Ohio. Differential fluid pressure line control. 2,179,267; Nov. 7.
Miller, George R., assignor to Gibson, Inc., Kalamazoo, Mich. Magnetic pick-up for musical instruments. 2,145,490; Jan. 31.
Miller, George W., Sapulpa, Okla. Sand pump and attachment therefor. 2,170,568; Aug. 22.
Miller, Glennard E., New York, and R. F. Light, Mount Vernon, assignors to Standards Brands Incorporated, New York, N. Y. Separation of invertase. 2,164,936; July 4.
Miller, Gottfried C., Buffalo, N. Y. Drilling apparatus. 2,184,919; Dec. 26.
Miller, Grover C., Alhambra, assignor to Kelp-Ol Laboratories, Inc., Los Angeles, Calif. Preparation for the treatment of diseases in fowl and animals. 2,146,083; Feb. 7.
Miller, Grover C., Los Angeles, and R. C. Sourwine, Walnut Park, assignors to Samson Tire & Rubber Corporation, Los Angeles, Calif. Method and apparatus for manufacturing inner tubes. 2,161,775; June 6.
Miller, Gustaf E. (See Miller, Oscar E. and G. E.)
Miller, Harold. (See Lubszynski, H. G., Miller, and Cairns.)
Miller, Harold, South Ealing, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Television transmitting apparatus. 2,177,736; Oct. 31.
Miller, Harry, Brooklyn, N. Y. Providing an ornamental coating to a surface. 2,178,402; Oct. 31.
Miller, Harry C., Willow Grove, Pa. Door control system. 2,149,177; Feb. 28.
Miller, Harry G., Kansas City, Mo. Band saw guide. 2,152,906; Apr. 4.
Miller, Harry H. (See Gledhill, Edward C., and W. E., Newell, and Miller.)
Miller, Harry W., Lancaster, Pa. Attachment for grinding machines. 2,183,686; Dec. 19.
Miller, Harvey F. (See Finkbone, B. P., Hoover, and Miller.)
Miller, Herchael W., Davenport, Iowa. Elevatable stove oven. 2,180,161; Nov. 14.
Miller, Herman P., Jr., Harrisburg, Pa. Invisible light finder. 2,152,202; Mar. 28.
Miller, Hillard E. (See Smith, R. R., Miller, and Gelder.)
Miller, Homer B., Gardiner, Maine, assignor to United Shoe Machinery Corporation, Paterson, N. J. Folding machine. 2,147,749; Feb. 21.
Miller, Horace G. (See Hogan, J. V. L., and Miller.)
Miller, Horace G., Philadelphia, Pa., assignor to Radio Inventions, Inc., New York, N. Y. Facsimile system. 2,143,081; Jan. 10.
Miller, Horace G., Philadelphia, Pa., assignor to Radio Inventions, Inc., New York, N. Y. Facsimile system. 2,172,398; Sept. 12.
Miller, Howard L. (See Miller, Elmer E. and H. L.)
Miller, Howard L., Philadelphia, Pa. Control system. Re. 21,155; July 18.
Miller, I., & Sons, Inc. (See Leone, A., and Sholtz, assignors.)
Miller, I., & Sons, Inc. (See Wertheim, Adolph, assignor.)
Miller, Ida G., executrix. (See Miller, Charles.)
Miller, Iver, assignor of one-half to J. H. McGinnis, Green Bay, Wis. Partitioning device. 2,143,788; Jan. 10.

Miller, Jacob C., assignor to Badger Meter Manufacturing Company, Milwaukee, Wis. Register totalizer. 2,148,768; Feb. 28.
Miller, James A. (See Wright, Roy O., assignor.)
Miller, James E., Sherman, Tex. Hand truck. 2,160,556; May 30.
Miller, James S., and B. E. Rhoads, Neville Island, Pa., assignors to Dravo Corporation. Assembling instrument for piling. 2,161,482; June 6.
Miller, James W., Roosevelt, Okla. Swing. 2,181,063; Nov. 21.
Miller, Jefferson D., De Queen, Ark. Jar seal. 2,144,191; Jan. 17.
Miller, Jeptha M. (See Goodman, W. B., and Miller.)
Miller, John, New York, N. Y. Temperature measuring device. 2,177,837; Oct. 31.
Miller, John H., Short Hills, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Testing device. 2,179,048; Nov. 7.
Miller, John H., and F. Evans, Martinsburg, W. Va., assignors to Interwoven Stocking Company, New Brunswick, N. J. Hosiery. 2,150,335; Mar. 14.
Miller, John H., and F. Evans, Martinsburg, W. Va., assignors to Interwoven Stocking Company, New Brunswick, N. J. Knitting. 2,150,336; Mar. 14.
Miller, John H., P. L. Thurston, and L. W. Poole, Martinsburg, W. Va., assignors to Interwoven Stocking Company, New Brunswick, N. J. Circular knitting machine. 2,161,880; June 13.
Miller, John P., Seattle, Wash. Signaling system for vehicles. 2,144,727; Jan. 24.
Miller, John R. (See Nicot, G. N., and Miller.)
Miller, John W., assignor to Motor Wheel Corporation, Lansing, Mich. Combustion apparatus. 2,181,407; Nov. 28.
Miller, Joseph. (See Herzog, Louis, assignor.)
Miller, Joseph E., Oak Park, Ill. Pipe joint packing. 2,158,829; May 16.
Miller, Joseph E., Oak Park, Ill. Pipe connection. 2,177,438; Oct. 24.
Miller, Joseph E., and P. L. Osweiler, Oak Park, Ill. Wire clamp. 2,166,847; July 18.
Miller, Joseph E., and P. L. Osweiler, Oak Park, Ill. Method of and means for making reinforced pipe. 2,175,479; Oct. 10.
Miller, Joseph H., San Diego, Calif. Sausage link forming machine. 2,183,687; Dec. 19.
Miller, Joseph L., Oak Park, assignor to Travler Radio & Television Corporation, Chicago, Ill. Signaling system. 2,163,051; June 20.
Miller, Julius. (See Markush, E. A., and Miller.)
Miller, Julius. (See Markush, E. A., Mayzner, and Miller.)
Miller, Kay, New Brunswick, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Pencil. 2,170,867; Aug. 29.
Miller, Leo B., Chicago, Ill. Rake cleaner. 2,179,946; Nov. 14.
Miller, Leo B., and H. F. Dever, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic air conditioning system. 2,143,356; Jan. 10.
Miller, Leo B., Bronxville, N. Y., and H. F. Dever, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Ejector type refrigerating system. 2,175,443; Oct. 10.
Miller, Leo B., Bronxville, N. Y., and J. E. Haines, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,177,496; Oct. 24.
Miller, Leonard, Brownwood, Tex. Pressure indicating mechanism for motor vehicle tires. 2,145,363; Jan. 31.
Miller, Levon D., Hicksville, Ohio. Digging implement. 2,173,947; Sept. 26.
Miller, Lewis B. (See Cummins, A. B., and Miller.)
Miller, Louis G. (See Schenck, C., and Miller.)
Miller, Louis G. (See Tesseyman, J. E., and Miller.)
Miller, Louis L. (See Magee, W. V., and Miller.)
Miller, Marie. (See Studer, C. W., Roshong, and Miller.)
Miller, Max B., & Co. (See Tuttle, Malcolm H., assignor.)
Miller, Max C., Cumberland, R. I. Knitting machine. 2,153,582; Apr. 11.
Miller, Max C., Cumberland, R. I. Textile machinery. 2,169,272; Aug. 15.
Miller, Melvin, and L. N. Davis, Flushing, Mich. Well scraper. 2,157,493; May 9.
Miller, Merton R., Evanston, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Relay. 2,152,524; Mar. 28.
Miller, Merton R., Evanston, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Synchronous circuit controlling apparatus. 2,157,858; May 9.
Miller, Morris, Boston, Mass. Protective container. 2,177,906; Oct. 31.
Miller, Myron M. (See Miller, Donald A. and M. M.)
Miller, Nicholas S., Chicago, Ill. Coal stoker. 2,143,328; Jan. 10.
Miller, Nick J., St. Paul, Minn., assignor to Industrial Patents Corporation, Chicago, Ill. Belly skinning machine. 2,155,730; Apr. 25.
Miller, Norman B., New York, N. Y. Machinery packing. 2,183,336; Dec. 12.
Miller, Ohmer R., Morristown, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,174,006; Sept. 26.
Miller, Oran E. (See Capstaff, J. G., and Miller.)
Miller, Oscar E. and G. E., Stratton, Nebr. Depression-forming agricultural implement. 2,150,839; Mar. 14.
Miller, Otto, Philadelphia, Pa., assignor to Kalio, Inc., New York, N. Y. Flat knitting machine. 2,183,201; Dec. 12.
Miller, Paul D. (See Dunham, Clayton A. and A. R., Crosthwait, and Miller.)
Miller, Pearle N., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,155,503; Apr. 25.
Miller, Pearle N., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,176,143; Oct. 17.
Miller, Percy H. (See Moncrieff, R. W., and Miller.)
Miller, Peter J. (See Lintern, A. R., and Miller.)
Miller, Peter J., and R. C. Spooner, assignors to Evans Products Company, Detroit, Mich. Vehicle ventilating and control apparatus. 2,145,452; Jan. 31.
Miller, Philip M. and R. B., Brooklyn, N. Y., assignors to Bendix Products Corporation, South Bend, Ind. Brake drum. 2,173,591; Sept. 19.
Miller Printing Machinery Co. (See Herb, Adolph F., assignor.)
Miller Printing Machinery Co. (See Herrmann, Hanns R., assignor.)
Miller Printing Machinery Co. (See Huffman, Samuel A., assignor.)
Miller Printing Machinery Company. (See McGowan, John E., assignor.)
Miller Printing Machinery Company. (See Smith, August C., assignor.)
Miller, Ralph. (See Hixson, A. W., and Miller.)
Miller, Ralph, Long Island City, N. Y., and F. W. Werring, assignors to Welsbach Street Lighting Company of America, Philadelphia, Pa. Jumper housing for high voltage gaseous tube illumination. 2,175,155; Oct. 3.
Miller, Ralph A., and W. E. Morris, Detroit, Mich., assignors to Huxon Holding Corporation. Hydraulic cycle control. 2,169,470; Aug. 15.
Miller, Ralph E., Newport, Wash. Leveling device. 2,161,718; June 6.
Miller, Ralph L., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Impulse producing circuit. 2,144,847; Jan. 24.
Miller, Ralph L., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency conversion circuits. 2,159,595; May 23.
Miller, Ralph L., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency conversion circuits. 2,159,596; May 23.
Miller, Ralph L., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency conversion circuits. 2,159,597; May 23.
Miller, Ralph L., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Frequency conversion circuit. 2,180,816; Nov. 21.
Miller, Ralph L., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical wave production. 2,181,280; Nov. 28.
Miller, Ralph K., and R. R. Candor, Dayton, Ohio. Refrigerating apparatus. 2,159,748; May 23.
Miller, Raymond E., Wilkinsburg, and G. L. Cotter, Forest Hills, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Inertia controlled brake. 2,148,769; Feb. 28.
Miller, Richard B. (See Miller, Philip M. and R. B.)
Miller, Robert A., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Process and apparatus for bending glass sheets. 2,176,999; Oct. 24.
Miller, Robert P., Burbank, Calif., assignor to United Research Corporation, Long Island City, N. Y. Cushion support. 2,144,848; Jan. 24.
Miller, Robert P., San Gabriel, Calif. Pump. 2,145,402; Jan. 31.
Miller, Robert S., and H. Hansen, Portland, Oreg., assignors, by mesne assignments, to W. A. Deming, Bellingham, Wash. Conveyor chain. 2,159,396; May 23.
Miller, Roscoe C., Syracuse, N. Y. Striper. 2,184,602; Dec. 26.
Miller, Royal B., assignor of one-half to R. J. Gits, Chicago, Ill. Washing machine. 2,145,453; Jan. 31.
Miller, Royal R., chicago, assignor of one-half to R. J. Gits, Riverside, Ill. Washing machine. 2,145,454; Jan. 31.
Miller, Rudolph W., Winona, Minn. Journal lubricator. 2,144,430; Jan. 17.
Miller, Rudolph W., Winona, Minn. Journal lubricator. 2,150,935; Mar. 21.
Miller, Rudolph W., Winona, Minn. Journal lubricator. 2,173,125; Sept. 19.
Miller, Samuel, Brooklyn, N. Y. Lock. 2,179,947; Nov. 14.
Miller, Samuel J., B. Sway, and E. P. Breckel, assignors to The Du Bois Soap Company, Cincinnati, Ohio. Detergent composition and making same. 2,162,023; June 13.
Miller, Sandy R., and V. M. Barrier, assignors of one-third to L. C. Campayner, Concord, N. C. Picker stick check for looms. 2,146,973; Feb. 14.
Miller, Sidney E., Minneapolis, Minn. assignor to General Mills, Inc. Vitamin D concentration. 2,179,560; Nov. 14.
Miller-Simons, Inc. (See Simons, Robert T., assignor.)

Miller, Stanley B., Morgantown, W. Va. Poultry waterer. 2,154,345; Apr. 11.
Miller, Stuart P., Scarsdale, assignor to The Barrett Company, New York, N. Y. Flexible interlocking shingle. 2,158,140; May 16.
Miller, Stuart P., Scarsdale, assignor to The Barrett Company, New York, N. Y. Absorbent article-saturating apparatus. 2,158,334; May 16.
Miller, Stuart P., Scarsdale, assignor to The Barrett Company, New York, N. Y. Pipe-wrapping machine. 2,174,754; Oct. 3.
Miller, Theodore C., New York, N. Y. Coffee-making apparatus. 2,171,321; Aug. 29.
Miller, Thomas G., McDonald, Pa. Fastener element and producing it. 2,158,078; May 16.
Miller, Thomas G., McDonald, Pa. Slide fastener and making it. 2,158,079; May 16.
Miller, Thomas O., San Antonio, Tex. Unit and multiple delivery coin holder. 2,167,668; Aug. 1.
Miller, Thomas S., Rome, N. Y. Tank filling device. 2,153,199; Apr. 4.
Miller, Tony P., assignor to Teletype Corporation, Chicago, Ill. Control switch. 2,183,653; Dec. 19.
Miller, Vernon J. (See Livermore, Frank D., assignor.)
Miller, Vernon L., Bethel, Kans. Paste tube cap. 2,158,375; May 16.
Miller, Walter E., Philadelphia, Pa., assignor to The Philip Carey Manufacturing Company. Corner protecting beading. 2,144,116; Jan. 17.
Miller, Walter E., Columbus, Ohio. Trim. 2,149,742; Mar. 7.
Miller, Walter E., Ann Arbor, assignor of one-half to W. Miller, Sr., Ann Arbor Township, Washtenaw County, Mich. Trailer coupling. 2,178,726; Nov. 7.
Miller, Walter H., Clairton, Pa. Antiskid device. 2,176,637; Oct. 17.
Miller, Walter, Sr. (See Miller, Walter E., assignor.)
Miller, Washington J., San Francisco, Calif. Razor. 2,150,337; Mar. 14.
Miller, Wayland R., Chicago, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning systems. 2,146,127; Feb. 7.
Miller, Wayland R., Chicago, Ill., assignor to Minneapolis-Honeywell Regulator Company, Mineapolis, Minn. Domestic heating and hot water supply system. 2,159,284; May 23.
Miller, Wayland R., Nashotah, Wis., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Refrigeration system. 2,179,700; Nov. 14.
Miller, Wilber B., Niagara Falls, N. Y., assignor to Oxweld Acetylene Company. Welding flux. 2,164,775; July 4.
Miller, Willard J., Detroit, Mich. Trailer. 2,168,069; Aug. 1.
Miller, William B. (See Tashjian, Armen H., assignor.)
Miller, William C., assignor to Diebold Safe & Lock Co., Canton, Ohio. Delayed control time lock. 2,162,442; June 13.
Miller, William G., Detroit, Mich., assignor to Grade Crossing Guard Corp., Memphis, Tenn. Crossing protective system. 2,178,880; Nov. 7.
Miller, William H., Royal Oak, assignor to The Flex-O-Tube Company, Detroit, Mich. Union assembly. 2,144,117; Jan. 17.
Miller, William H., Royal Oak, assignor to The Flex-O-Tube Company, Detroit, Mich. Permanent hose coupling. 2,146,756; Feb. 14.
Miller, William H., Royal Oak, assignor to J. L. Ward and R. De Tamble, partners, doing business as The Flex-O-Tube Company, Detroit, Mich. Hose protector. 2,147,494; Feb. 14.
Miller, William J., Swissvale, Pa. Process and installation for making pottery. 2,148,871; Feb. 28.
Miller, William J., Swissvale, Pa. Apparatus for the manufacture of pottery ware. 2,160,483; May 30.
Miller, William J., Swissvale, Pa. Apparatus for the manufacture of articles from plastic materials. 2,160,484; May 30.
Miller, William S. (See Lantz, L. A., and Miller.)
Miller, William S., South Bend, Ind. Flour treating apparatus. 2,144,988; Jan. 24.
Miller Wrapping and Sealing Machine Company. (See Heckman, John A., assignor.)
Miller Falls Company. (See Moretti, Whitfield, assignor.)
Millermaster, Ralph A., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Safety switch. 2,178,600; Nov. 7.
Milligan, Herschel L., assignor of one-half to J. B. Cook, Nashville, Tenn. Ice cream can holder, lifter, and scraper. 2,167,217; July 25.
Milligan, John B., San Diego, Calif. Portable collapsible seat. 2,180,426; Nov. 21.
Milligan, Joseph H., Framingham, assignor of twenty-five one-hundredths to J. and P. McGillicuddy, Boston, Mass. Lock. 2,181,762; Nov. 28.
Milligan, Lowell H., and R. H. Lombard, assignors to Norton Company, Worcester, Mass. Silicon carbide abrasive product and manufacture. 2,158,034; May 9.
Milligan, S. J., et al. (See King, Clyde H., assignor.)
Milliken, Foster, Lawrence, N. Y. Lubricated valve. 2,171,590; Sept. 5.
Milliken, Foster, New York, N. Y. Bulkhead, sea wall, and similar structures. 2,184,462; Dec. 26.
Milliken, Foster, Lawrence, N. Y., assignor to Milliken Valve Corporation. Lubricated valve for low pressures. 2,145,628; Jan. 31.
Milliken, Frank H., assignor to The Ideal Electric and Manufacturing Company, Mansfield, Ohio. Slip frequency relay. 2,161,929; June 13.
Milliken, Humphreys, Montreal, Quebec, Canada. Oil switch. 2,144,414; Jan. 17.
Milliken Valve Corporation. (See Milliken, Foster, assignor.)
Milling, James H., Dallas, Tex. Stick file. 2,171,453; Aug. 29.
Millmine, Herbert W., Houston, Tex. Pump rod protecting assembly. 2,164,159; June 27.
Millner, Clincie W., Norfolk, Va. Dustpan. 2,171,187; Aug. 29.
Mills, Albert W., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,165,288; July 11.
Mills, Albert W., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,172,067; Sept. 5.
Mills, Albert W., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,181,998; Dec. 5.
Mills, Albert W., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,181,999; Dec. 5.
Mills, Bert E., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Amusement apparatus. 2,152,598; Mar. 28.
Mills, Bert E., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Automatic stop control mechanism for coin-operated machines. 2,152,599; Mar. 28.
Mills, Bert E., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Coin selector. 2,160,751; May 30.
Mills, Bert E., Oak Park, assignor to Mills Novelty Company, Chicago, Ill. Coin selector. 2,181,818; Nov. 28.
Mills Company, The. (See Mills, George M., assignor.)
Mills, David E., Warwick, R. I., assignor to Universal Winding Company, Boston, Mass. Winding machine. 2,144,192; Jan. 17.
Mills, Donald H., Detroit, Mich. Automobile bumper antenna system and mounting. 2,182,484; Dec. 5.
Mills, Frederick F., Ocean City, N. Y. Foundation plate. 2,153,672; Apr. 11.
Mills, Frederick F., Woodbine, N. J. Structural material. 2,161,185; June 6.
Mills, George M., assignor to The Mills Company, Cleveland, Ohio. Partition structure. 2,169,273; Aug. 15.
Mills, George M., assignor to The Mills Company, Cleveland, Ohio. Partition structure. 2,169,274; Aug. 15.
Mills, Gurves, Nacogdoches, Tex. Dispensing device. 2,154,346; Apr. 11.
Mills, Herbert E., Detroit, Mich., assignor to Borg-Warner Corporation. Stove door. 2,159,221; May 23.
Mills, Herbert E., Detroit, Mich., assignor to Borg-Warner Corporation. Cabinet. 2,166,640; July 18.
Mills, Herbert E., Detroit, Mich., assignor to Borg-Warner Corporation. Heating unit. 2,180,600; Nov. 21.
Mills, John, assignor, by mesne assignments, to Crown Can Company, Philadelphia, Pa. Apparatus for food processing. 2,145,268; Jan. 31.
Mills, John, Santa Ana, Calif., assignor to Crown Can Company, Philadelphia, Pa. Method of and apparatus for extracting rind oil from citrus fruits. 2,151,710; Mar. 28.
Mills, John, Winter Haven, Fla., assignor, by mesne assignments, to Crown Can Company, Philadelphia, Pa. Preparing fruit juice. 2,169,367; Aug. 15.
Mills, Lindley E. (See Coleman, G. H., Mills, and Moore.)
Mills, Lindley E., assignor to The Dow Chemical Company, Midland, Mich. Preservation of paint. 2,153,841; Apr. 11.
Mills, Lindley E., assignor to The Dow Chemical Company, Midland, Mich. Paint composition. 2,153,842; Apr. 11.
Mills, Lindley E., assignor to The Dow Chemical Company, Midland, Mich. Alkylated halo-phenols. 2,176,010; Oct. 10.
Mills, Louis D., and T. B. Crowe, Palo Alto, assignors to The Merrill Company, San Francisco, Calif. Cyanidation process and apparatus. 2,154,465; Apr. 18.
Mills Novelty Company. (See Flukes, Andrew, assignor.)
Mills Novelty Company. (See Mills, Bert E., assignor.)
Mills Novelty Company. (See Polley, Ray F., assignor.)
Mills Novelty Company. (See Smith, James T., assignor.)
Mills Novelty Company. (See Trask, Allen, assignor.)
Mills, Percy E. (See Hoyt, F. A., and Mills.)
Mills, Robert K. (See Jones, T. H., and Mills.)
Mills, Robert K., Sherwood, Nottingham, England. Knitted fabric or article and the production thereof. 2,144,415; Jan. 17.
Mills, Robert K., Sherwood, Nottingham, assignor to Hosiery Developments Limited, Nottingham, England. Knitting machine and in the production of fabric thereon. 2,142,756; Jan. 3.
Mills, Robert K., Sherwood, Nottingham, assignor to Wrightwear Limited, Sutton-in-Ashfield, Nottinghamshire, England. Knitting machine. 2,162,024; June 13.
Mills, Victor, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Continuous countercurrent hydrolysis of fat. 2,156,863; May 2.

Mills, Victor, assignor to The Procter & Gamble Company, Cincinnati, Ohio. Continuous process for converting saponifiable fats into soap and glycerin. 2,159,397; May 23.
Mills, Wallace C., Rockford, assignor to J. L. Clark Manufacturing Co., Chicago, Ill. Metallic jar. 2,147,263; Feb. 14.
Mills, William J., Fresno, Calif. Repair sleeve for pipe lines. 2,173,399; Sept. 19.
Millson, Henry E., Philadelphia, Pa., assignor to The Calco Chemical Company, Inc., Bound Brook, N. J. Luminous or fluorescent floor covering. 2,169,657; Aug. 15.
Millspaugh, William H., Sandusky, Ohio. Roll, specially suitable for use in paper making machine. 2,168,233; Aug. 1.
Millspaugh, William H., assignor to Sandusky Foundry and Machine Co., Sandusky, Ohio. Paper making machine. 2,144,770; Jan. 24.
Millspaugh, William H., Catawba Island, assignor to Sandusky Foundry & Machine Company, Sandusky, Ohio. Manufacturing reinforced paper. 2,148,490; Feb. 28.
Milly, Joseph. (See Sepelak, M., and Milly.)
Milmoe, Michael J., Glen Ellyn, assignor to F. B. Redington Co., Chicago, Ill. Wrapping machine. 2,144,265; Jan. 17.
Milmoe, Michael J., Glen Ellyn, assignor to F. B. Redington Co., Chicago, Ill. Feeding mechanism. 2,158,335; May 16.
Milmoe, Michael J., Glen Ellyn, and C. J. Malhiot, Oak Park, assignors to F. B. Redington Co., Chicago, Ill. Machine for making wrappers. 2,165,289; July 11.
Milmoe, Michael J., Glen Ellyn, and C. J. Malhiot, Oak Park, assignors to F. B. Redington Co., Chicago, Ill. Carton and article feeding mechanism. 2,171,131; Aug. 29.
Milmoe, Michael J., Glen Ellyn, and C. J. Malhiot, Oak Park, assignors to F. B. Redington Co., Chicago, Ill. Dating or numbering mechanism. 2,180,162; Nov. 14.
Milmoe, Michael J., Glen Ellyn, and C. J. Malhiot, Oak Park, assignors to F. B. Redington Co., Chicago, Ill. Butter feeder. 2,180,163; Nov. 14.
Milmore, Oswald H., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Refining oils. 2,166,502; July 18.
Milmore, Oswald H., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Refining oils. 2,166,503; July 18.
Milne, Gordon F. (See McDevitt, Harry J., assignor.)
Milne, Lynn, Sturgis, S. Dak. Squeegee rack for photostat machines. 2,161,229; June 6.
Milne, William M., Jersey City, N. J., assignor to Harold H. Hoile, Brooklyn, N. Y. Can opener. 2,165,715; July 11.
Milner, Benjamin C., and F. Riebel, Jr., assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,176,467; Oct. 17.
Milner, Christopher J., Rugby, England, assignor to General Electric Company. Gaseous electric discharge lamp device. 2,152,999; Apr. 4.
Milner, Fred E., Ossian, Ind. Adjustable piston expander. 2,145,426; Jan. 31.
Milner, Harry L. (See Fedden, A. H. R., and Milner.)
Milnes, Tom, assignor to Ayers Limited, Lachute Mills, Quebec, Canada. Felt. 2,157,082; May 2.
Milnor, Joseph W., Maplewood, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. High frequency conductor system. 2,150,451; Mar. 14.
Milnor, Joseph W., Maplewood, P. F. Bechberger, Bergenfield, and W. D. Cannon, Metuchen, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Interference suppression network. 2,173,722; Sept. 19.
Milon, Daniel, New Orleans, La. Drying oven. 2,157,938; May 9.
Milos, Louis W., Clifton, N. J. Container. 2,179,667; Nov. 14.
Milosis, Phokion C. (See Zaccaro, F., and Milosis.)
Milson, John R., Mansfield, Mass. Treating vegetable fibers. 2,165,758; July 11.
Mil-State Gummed Paper Co. (See Humphner, Ferdinand W., assignor.)
Milton, Alonzo L. (See Hobstetter, C. A., Gillis, and Milton.)
Milton, Peter, Milwaukee, Wis., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Dispensing rack. 2,180,641; Nov. 21.
Milward, Victor T., Santa Barbara, Calif. Egg separator. 2,150,719; Mar. 14.
Milwaukee Electric Tool Corporation. (See Fetherston, Robert T., assignor.)
Milwaukee Flush Valve Company. (See Judell, Julius S., assignor.)
Milwaukee Foundry Equipment Company. (See Byerlein, E. J., and Fellows, assignors.)
Milwaukee Gas Specialty Company. (See Mantz, Harold A., assignor.)
Milwaukee Gas Specialty Company. (See Leins, Oscar J., assignor.)
Milwaukee Gas Specialty Company. (See Thornbery, John H., assignor.)
Milwaukee Gas Specialty Company. (See Wantz, Clarence, assignor.)
Milwaukee Lace Paper Company. (See Hamilton, Kenneth C., assignor.)
Milwaukee Saddlery Company. (See Bloomberg, Joseph E., assignor.)
Milwaukee Saw Trimmer Corporation. (See Billker, F. W., and Ball, assignors.)
Milwaukee Stamping Company. (See Otten, Benjamin A., assignor.)
Milz, Harold E., Chicago, and L. J. Kline, La Grange, assignors to The Mercury Manufacturing Company, Chicago, Ill. Vehicle coupling. 2,153,309; Apr. 4.
Minaeff, Michael G., Metuchen, and R. C. Hughes, Highland Park, N. J., assignors to Zonite Products Corporation, New York, N. Y. Stabilized antiseptic cream. 2,157,831; May 9.
Min-A-Max Co. (See Krannak, Steven J., assignor.)
Minami Manshu Tetsude Kabushiki Kaisha. (See Kusaka, K., and Ashida, assignors.)
Minami Manshu Tetsudo Kabushiki Kaisha (South Manchuria Railway Co.). (See Seto, I., and Sato, assignors.)
Mindek, John, Jr., Kent, Ohio. Folding fish spreader. 2,162,739; June 20.
Minder, Frederick. (See Ault, Clifford M., assignor.)
Minderman, Robert A., Port Clinton, Ohio. Propeller puller. 2,169,898; Aug. 15.
Mine Safety Appliances Company. (See Bright, Graham, assignor.)
Mine Safety Appliances Company. (See Dym, Joseph B., assignor.)
Mine Safety Appliances Company. (See Jacobson, Moses G., assignor.)
Mine Safety Appliances Company. (See Littlefield, John B., assignor.)
Mine Safety Appliances Company. (See McAllister, Robert W., assignor.)
Minea, Raymond G., St. Paul, Minn. Beer stabilizer coil control. 2,143,565; Jan. 10.
Mineah, Harold J. (See Hanrahan, W., Mineah, and Shannon.)
Minear, George S. and J. D., Des Moines, Iowa. Banker's safety unit. 2,147,050; Feb. 14.
Minear, James D. (See Minear, George S. and J. D.)
Minelli, Giuseppe, Dawson, N. Mex. Aircraft. 2,152,144; Mar. 28.
Miner, Carl S., Glencoe, and A. Thompson, Chicago, Ill., assignors, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Controllably retarding the crystallization of dextrose. 2,145,662; Jan. 31.
Miner, Harry H., Paris, France, assignor to Landis Tool Company, Waynesboro, Pa. Machine for grinding tubes. 2,147,453; Feb. 14.
Miner, James H., Meridian, Miss. Ice tray. 2,168,739; Aug. 8.
Miner, James H., Meridian, Miss. Ice tray organization for refrigerators. 2,170,592; Aug. 22.
Miner, James H., Meridian, Miss., assignor to General Electric Company. Ice tray. 2,147,495; Feb. 14.
Miner, James H., Meridian, Miss., assignor to General Motors Corporation, Detroit, Mich. Ice tray. 2,168,678; Aug. 8.
Miner, Ralph K. (See Burrell, L., and Miner.)
Miner, Robert G. (See Anderegg, R. H., and Miner.)
Miner, W. H., Inc. (See Dentler, Arnold E., assignor.)
Miner, W. H., Inc. (See Dwyer, William M., assignor.)
Miner, W. H., Inc. (See Endicott, George F., assignor.)
Miner, W. H., Inc. (See Haseltine, Stacy B., assignor.)
Miner, W. H., Inc. (See Heitner, William A., assignor.)
Miner, W. H., Inc. (See Johnson, George A., assignor.)
Miner, W. H., Inc. (See Johnson, G. A., and Dwyer, assignors.)
Miner, W. H., Inc. (See Johnson, G. A., and Haseltine, assignors.)
Miner, W. H., Inc. (See Johnson, G. A., and Lehman, assignors.)
Miner, W. H., Inc. (See Lehman, Edward H., assignor.)
Miner, W. H., Inc. (See Lounsbury, Harvey J., assignor.)
Miner, W. H., Inc. (See Olander, Roland J., assignor.)
Mineral Cutting Machine Company. (See Cadwallader, Edgar M., assignor.)
Minerals Beneficiation, Incorporated. (See Rakowsky, V., Arma, and Hebbard, assignors.)
Minerals Separation North American Corporation. (See Keller, Cornelius H., assignor.)
Minerals Separation North American Corporation. (See Trotter, W., and Wilkinson, assignors.)
Minerals Separation North American Corporation. (See Williams, C. F., and Trotter, assignors.)
Miner's, Inc. (See Julius, Arthur D., assignor.)
Minger, Forest R. (See Heath, S. B., and Minger.)
Mini, Flora B. C. (See Case, Oliver M., assignor.)
Miniace, Joseph N., et al. (See Wheat, William G., assignor.)
Minich, Arthur. (See Roon, L., and Minich.)
Minich, Henry D., North Tarrytown, N. Y. Brush. 2,171,591; Sept. 5.
Minich, Verne E., Scarsdale, N. Y., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Abrasive throwing machine. 2,170,831; Aug. 29.
Minich, Verne E., Scarsdale, N. Y., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Abrasive throwing machine. 2,170,832; Aug. 29.
Mining Engineering Company Limited, The. (See Moore, Matthew S., assignor.)

Mining Engineering Company Limited, The. (See Nyborg, Tage G., assignor.)
Mining Process and Patent Company. (See Daman, Arthur C., assignor.)
Mining Process and Patent Company. (See Logue, Leland H., assignor.)
Mining Process and Patent Company. (See Wallace, H. V., and Logue, assignors.)
Mink, Leon D. (See Newton, R. C., and Mink.)
Mink, Leon D., assignor to Industrial Patents Corporation, Chicago, Ill. Reconstitution of dried egg material. 2,183,515; Dec. 12.
Mink, Leon D., assignor to Industrial Patents Corporation, Chicago, Ill. Egg material treatment. 2,183,516; Dec. 12.
Minkel, Frank J., assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Stacking fixture for presses. 2,173,077; Sept. 12.
Minkoff, Gregoire. (See Stanley, H. M., Minkoff, and Youell.
Minkow, Julius M., New York, assignor to R. Minkow, Richmond Hill, N. Y. Wire feed mechanism. 2,170,830; Aug. 29.
Minkow, Julius M., New York, N. Y., assignor to R. Minkow, Richmond Hill, N. Y. Clutching mechanism. 2,182,733; Dec. 5.
Minkow, Robert. (See Minkow, Julius M., assignor.)
Minkow, Robert, assignor to Hobbs Sales & Service Station, Inc., New York, N. Y. Gluing machine control. 2,150,124; Mar. 7.
Minkow, Robert, assignor to Hobbs Sales & Service Station, Inc., New York, N. Y. Form separator mechanism. 2,159,285; May 23.
Minkow, Robert, assignor to Hobbs Sales & Service Station, Inc., New York, N. Y. Gluing machine. 2,162,854; June 20.
Minneapolis-Honeywell Regulator Company. (See Baak, Albert E., assignor.)
Minneapolis-Honeywell Regulator Company. (See Benjamin, Merrill G., assignor.)
Minneapolis-Honeywell Regulator Company. (See Bower, George D., assignor.)
Minneapolis-Honeywell Regulator Company. (See Cunningham, Lewis L., assignor.)
Minneapolis-Honeywell Regulator Company. (See Cyr, Benjamin, assignor.)
Minneapolis-Honeywell Regulator Company. (See Denison, F. S., and Baak, assignors.)
Minneapolis-Honeywell Regulator Company. (See Denison, F. S., Harrison, and Miller, assignors.)
Minneapolis-Honeywell Regulator Company. (See Denison, F. S., and Kronmiller, assignors.)
Minneapolis-Honeywell Regulator Company. (See Edmondson, William H., assignor.)
Minneapolis-Honeywell Regulator Company. (See Evleth, Everett B., assignor.)
Minneapolis-Honeywell Regulator Company. (See Fillo, Francis B., assignor.)
Minneapolis-Honeywell Regulator Company. (See Fisher, George H., assignor.)
Minneapolis-Honeywell Regulator Company. (See Gille, Willis H., assignor.)
Minneapolis-Honeywell Regulator Company. (See Grant, Arthur C., assignor.)
Minneapolis-Honeywell Regulator Company. (See Griffith, Le Roy A., assignor.)
Minneapolis-Honeywell Regulator Company. (See Haines, John E., assignor.)
Minneapolis-Honeywell Regulator Company. (See Hartig, Henry E., assignor.)
Minneapolis-Honeywell Regulator Company. (See Hotchkiss, Clifford, assignor.)
Minneapolis-Honeywell Regulator Company. (See Kingsland, George D., assignor.)
Minneapolis-Honeywell Regulator Company. (See Kingsland, G. D., and Robb, assignors.)
Minneapolis-Honeywell Regulator Company. (See Koerner, Allan M., assignor.)
Minneapolis-Honeywell Regulator Company. (See Kriechbaum, John P., assignor.)
Minneapolis-Honeywell Regulator Company. (See Kriechbaum, J. P., and Kronmiller, assignors.)
Minneapolis-Honeywell Regulator Company. (See Kronmiller, Carl G., assignor.)
Minneapolis-Honeywell Regulator Company. (See Kronmiller, C. G., and Joesting, assignors.)
Minneapolis-Honeywell Regulator Company. (See Kronmiller C. G., and Malone, assignors.)
Minneapolis-Honeywell Reguator Company. (See Lange, Frederick E., assignor.)
Minneapolis-Honeywell Regulator Company. (See Lugar, Charles W., assignor.)
Minneapolis-Honeywell Regulator Company. (See Malone, Homer E., assignor.)
Minneapolis-Honeywell Regulator Company. (See Martenis, William W., assignor.)
Minneapolis-Honeywell Regulator Company. (See McGrath, William L., assignor.)
Minneapolis-Honeywell Regulator Company. (See Midyette, John T., Jr., assignor.)
Minneapolis-Honeywell Regulator Company. (See Miller, Ernest M., assignor.)
Minneapolis-Honeywell Regulator Company. (See Miller, L. B., and Dever, assignors.)
Minneapolis-Honeywell Regulator Company. (See Miller, L. B., and Haines, assignors.)
Minneapolis-Honeywell Regulator Company. (See Miller, Wayland R., assignor.)
Minneapolis-Honeywell Regulator Company. (See Nessell, Clarence W., assignor.)
Minneapolis-Honeywell Regulator Company. (See Peltz, Gordon M., assignor.)
Minneapolis-Honeywell Regulator Company. (See Rudolph, C. A., and McCutcheon, assignors.)
Minneapolis-Honeywell Regulator Company. (See Shipley, Sylvanus C., assignor.)
Minneapolis-Honeywell Regulator Company. (See Shivers, Paul F., assignor.)
Minneapolis-Honeywell Regulator Company. (See Spaan, John H., assignor.)
Minneapolis-Honeywell Regulator Company. (See Spangenberg, Charles B., assignor.)
Minneapolis-Honeywell Regulator Company. (See Sweatt, Charles B., assignor.)
Minneapolis-Honeywell Regulator Company. (See Taylor, Daniel G., assignor.)
Minneapolis-Honeywell Regulator Company. (See Wasserlein, Henry G., Jr., assignor.)
Minneapolis-Honeywell Regulator Company. (See Williams, James R., assignor.)
Minneapolis-Honeywell Regulator Company. (See Wilson, John M., assignor.)
Minneapolis-Moline Power Implement Company. (See Albertson, Victor N., assignor.)
Minneapolis-Moline Power Implement Company. (See Erickson, Nels E., assignor.)
Minneapolis-Moline Power Implement Company. (See Knapp, William E., assignor.)
Minneapolis-Moline Power Implement Company. (See Korsmo, A., and Ronning, assignors.)
Minneapolis-Moline Power Implement Company. (See Parks, O. J., and Ronning, assignors.)
Minneapolis-Moline Power Implement Company. (See Ronning, Martin, assignor.)
Minneapolis-Moline Power Implement Company. (See Seaholm, John P., assignor.)
Minneker, Carlisle F., Detroit, Mich. Electric clock. 2,150,516; Mar. 14.
Minnesota Mining & Manufacturing Company. (See Doty, J. O., and Orcutt, assignors.)
Minnesota Mining & Manufacturing Company. (See Drew, Richard G., assignor.)
Minnesota Mining & Manufacturing Company. (See Herchenrider, Henry R., assignor.)
Minnesota Mining & Manufacturing Company. (See Jewett, Clifford L., assignor.)
Minnesota Mining & Manufacturing Company. (See Meck, Edgar N., assignor.)
Minnesota Mining & Manufacturing Company. (See Okie, Francis G., assignor.)
Minnesota Mining & Manufacturing Company. (See Strauch, Clauss B., assignor.)
Minnesota Mining & Manufacturing Company. (See Willis, John S., assignor.)
Minneci, Salvatore, Pittsfield, Mass., assignor to General Electric Company. Motor control. 2,154,314; Apr. 11.
Minneci, Salvatore, Pittsfield, Mass., assignor to General Electric Company. Regulator circuit. 2,180,164; Nov. 14.
Minnich, X. L., et al. (See Thomas, Elmer R., assignor.)
Minogue, Roland E., Manitowoc, Wis. Kiln construction. 2,153,385; Apr. 4.
Minol, Inc. (See Kritchevsky, Wolf, assignor.)
Minor, Charles G., Detroit, Mich. Pipe wrench. 2,142,696; Jan. 3.
Minor, Henry R., assignor to Industrial Process Corporation, Dayton, Ohio. Making corrugated sponge rubber. 2,145,731; Jan. 31.
Minor, Henry R., assignor to Industrial Process Corporation, Dayton, Ohio. Treating rubber. 2,148,572; Feb. 28.
Minor, Henry R., assignor to Industrial Process Corporation, Dayton, Ohio. Sponge rubber body of different densities. 2,150,287; Mar. 14.
Minor, Henry R., assignor to Industrial Process Corporation, Dayton, Ohio. Making sponge rubber. 2,156,508; May 2.
Minor, Henry R., assignor to Industrial Process Corporation, Dayton, Ohio. Making soft sponge. 2,157,243; May 9.
Minor, Henry R., assignor to Industrial Process Corp., Dayton, Ohio. Apparatus for molding sponge rubber. 2,180,304; Nov. 14.
Minot, Georges. (See Lian, C., and Minot.)
Minser, William D., Everett, assignor of one-half to E. B. Schwenk, Seattle, Wash. Slip-sinker. 2,183,818; Dec. 19.
Minshall, Robert J., and E. C. Wells, assignors to Boeing Aircraft Company, Seattle, Wash. Retractable hydrostabilizer for airplanes. 2,153,266; Apr. 4.
Minster Machine Company, The. (See Wissman, Reuben E., assignor.)
Minton, Clarence S., Laurel, Miss. Vehicle stand and guard. 2,171,042; Aug. 29.
Minton, John P., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Seismic survey. 2,160,224; May 30.

Minton, John P., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Method and means for recording seismic waves. 2,161,764; June 6.
Minton, John P., Dallas, Tex., assignor, by mesne assignments, to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Apparatus for recording seismic waves. 2,167,124; July 25.
Minyard, Ira T., Odessa, and E. L. Layman, Crane, Tex. Platform and pipe rack for oil well derricks. 2,161,719; June 6.
Miöen, Ole. (See Nygaard, J. O., and Miöen.)
Miöen, Ole, Stockholm, Sweden. Securing wear-protectors of rubber or similar material to horseshoes. 2,149,535; Mar. 7.
Miracle Massage Appliances, Inc. (See Kestevem, C. E., and Michaelson, assignors.)
Mirando, Felix A., and H. Vossler, assignors to Imperial Knife Co., Inc., Providence, R. I. Knife handle and component parts thereof. 2,170,537; Aug. 22.
Mirati, John, Pittsburg, Calif. Can holding and liquid dispensing device. 2,160,976; June 6.
Mirfield, George E., assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Apparatus for rotating and shaping electrodes of electric welding machines. 2,167,766; Aug. 1.
Mirick, Carlos B., Washington, D. C. Battery charging system. 2,157,139; May 9.
Mirick, Carlos B., Washington, D. C. Film type rectifier. 2,162,740; June 20.
Mirel, Louis I., assignor to E. Clein, Brooklyn, N. Y. Construction of electric heating units and connecting parts therefor. 2,152,525; Mar. 28.
Mirra, James, Brooklyn, N. Y. Furnace apparatus. 2,149,706; Mar. 7.
Misbach, Thomas A., and S. O. Hammon, Louisville, Ky. Damper structure. 2,170,726; Aug. 22.
Mischelevich, Benjamin, Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,144,543; Jan. 17.
Mischler, Fred, Plattsburgh, N. Y. Pocket billiard tray. 2,145,521; Jan. 31.
Misciattelli, Paolo, Rome, Italy. Obtaining copper linings. 2,183,202; Dec. 12.
Misener Manufacturing Co. (See Ballard, Harold L., assignor.)
Misenhimer, Paul K., Los Angeles, and W. A. Williams, Tujunga, Calif. Portable washing machine. 2,156,541; May 2.
Miserentino, Charles O., assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Vulcanization accelerator and making the same. 2,149,858; Mar. 7.
Miserentino, Charles O., assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Vulcanization accelerator. 2,149,859; Mar. 7.
Mishcon, Samuel. (See Agulnek, Harry, assignor.)
Mishelevich, Benjamin. (See Fisher, A. W., and Mishelevich.)
Mishler, Earnest W., assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Electrode scraping and dressing apparatus for welding machines. 2,167,767; Aug. 1.
Misiak, Joseph T., and W. D. Mitchell, Chicago, Ill. Waffle iron. 2,170,153; Aug. 22.
Miskella, William J., Chicago, Ill., assignor, by mesne assignments, to Mid-States Gummed Paper Company. Basket liner or the like. Re. 21,220; Sept. 26.
Miskovsky, Anton. (See Zimic, M., and Miskovsky.)
Misner, George W., East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic weighing device. 2,170,249; Aug. 22.
Mispley, Robert G., and W. R. Barber, Camas, Wash, assignors to Crown Zellerbach Corporation, San Francisco, Calif. Tissue paper preservative wrapper for citrus fruits and making same. 2,173,453; Sept. 19
Missbach, Edmund C., Oakland, Calif., assignor to Wheeler, Reynolds and Stauffer. Weed killer. 2,156,789; May 2.
Missbach, Edmund C., Oakland, Calif., assignor to San Francisco Sulphur Company. Wettable sulphur composition. 2,156,790; May 2.
Mississippi Valley Barge Line Company, The. (See Elliott, Harry C., assignor.)
Missoten, Simon, Brussels, Belgium. Manufacture of porous building material. 2,163,207; June 20.
Missouri Portland Cement Company. (See Gould, Stephen G., assignor.)
Missouri Rolling Mill Corporation. (See Bauer, Carl, assignor.)
Misterly, Frank S., Darien, Conn., and S. B. Smith, Hartsdale, N. Y. Transmission system. 2,183,244; Dec. 12.
Mistretta, Anthony, C. A. Blomberg, and M. Willene, Rockford, assignors to Borg-Warner Corporation, Chicago, Ill. Clutch plate. 2,158,244; May 16.
Misuraca, Louis J., Glendale, Calif. Cutting tool. 2,149,618; Mar. 7.
Misuraca, William N., Merrick, N. Y., assignor to General Printing Ink Corporation. Inking arrangement for rotary printing presses. 2,158,474; May 16.
Mitchel, Edward W., Detroit, Mich. Fender lug. 2,145,944; Feb. 7.
Mitchel, Ralph H. (See Randolph, D. W., and Mitchel.)
Mitchell, Allister S., and H. M. Ratley, assignors to National Automotive Fibres, Inc., Detroit, Mich. Trimpanel manufacture and apparatus. 2,170,662; Aug. 22.
Mitchell, Allister S., and C. J. Davies, assignors to National Automotive Fibres, Inc., Detroit, Mich. Accumulating conveyer. 2,180,601; Nov. 21.
Mitchell, Allister S., assignor to National Automotive Fibres, Inc., Detroit, Mich. Apparatus for manufacturing plaited upholstery with mismatched seams. 2,183,429; Dec. 12.
Mitchell, August, New York, N. Y., assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Cosmetic holder. 2,155,797; Apr. 25.
Mitchell Bissell Company. (See Cass, Freeman, assignor.)
Mitchell Camera Corporation. (See Worrall, Gearge H., assignor.)
Mitchell, Chester F., Wheaton, assignor to H. D. Electric Company, Chicago, Ill. Transformer for making electrical measurements. 2,165,290; July 11.
Mitchell, Clarence E., Victoria, British Columbia, Canada. Vacuum comb. 2,159,096; May 23.
Mitchell, Claude, et al. (See Conger, Earnest J., assignor.)
Mitchell, Courtney N. (See Denneen, F. S., Dunn, and Mitchell.)
Mitchell, Courtney N., Strongsville, Ohio. Control for multiple doors. 2,153,693; Apr. 11.
Mitchell, Courtney N., Strongsville, Ohio. Hydraulic clutch and transmission. 2,183,403; Dec. 12.
Mitchell, Courtney N., Strongsville, Ohio. Fluid meter and cycle of operation of same. 2,184,895; Dec. 26.
Mitchell, Donald H. (See Nulsen, M. E., and Mitchell.)
Mitchell, Donald, executors et al. (See Mitchell, John E.)
Mitchell, Doren, Bound Brook, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,155,056; Apr. 18.
Mitchell, Earle A., Hastings on Hudson, assignor to Phelps Dodge Copper Products Corportion, New York, N. Y. High tension electric cable. 2,145,092; Jan. 24.
Mitchell, Freeman S., San Diego, Calif. Sanding drum pad. 2,149,816; Mar. 7.
Mitchell, Harold S., assignor to Industrial Patents Corporation, Chicago, Ill. Paper treatment. 2,155,731; Apr. 25.
Mitchell, Harold S., assignor to Industrial Patents Corporation, Chicago, Ill. Treatment of oleo oil. 2,163,912; June 27.
Mitchell, Harry, assignor to Whitin Machine Works, Whitinsville, Mass. Production of spindle blades. 2,170,727; Aug. 22.
Mitchell, Harry R., Bremerton, assignor of one-half to D. G. Smith, Mercer Island, Wash. Electric toaster. 2,151,790; Mar. 28.
Mitchell, Harvey V., Massillon, Ohio. Pulp molding. 2,149,878; Mar. 7.
Mitchell, Harvey V., Massillon, Ohio. Pulp molding. 2,149,879; Mar. 7.
Mitchell, Harvey V., Massillon, Ohio, assignor of one-half to Write Incorporated, Bridgeport, Conn. Spooling and measuring machine. 2,147,776; Feb. 21.
Mitchell, Henry M., Glendale, Calif., assignor of one-third of R. J. S. Mitchell, Omaha, Nebr., and one-third to S. S. Mitchell, Glendale, Calif. Ironing machine. 2,175,086; Oct. 3.
Mitchell, Henry W. (See Haskins, B. J., and Mitchell.)
Mitchell, Henry W., assignor to E. A. Stromberg, Chicago, Ill. Brake testing device. 2,151,134; Mar. 21.
Mitchell, Isaac A., Brooklyn, N. Y. Transmission circuit. 2,173,559; Sept. 19.
Mitchell, James A. (See Flint, R. B., and Mitchell.)
Mitchell, John C. (See Spence, L. U., and Mitchell.)
Mitchell, John E., deceased, Dallas, Tex., J. E., Jr., O., and D. Mitchell, executors. Air exhausting and cotton cleaning machine. 2,166,925; July 18.
Mitchell, John E., deceased, Dallas, Tex., J. E., Jr., O., and D. Mitchell, executors. Self-contained cotton cleaning and extracting machine. 2,172,619; Sept. 12.
Mitchell, John E., Jr., executor, et al. (See Mitchell, John E.)
Mitchell, John R., Dallas, Tex., assignor, by mesne assignments, to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Automatic phonograph. 2,158,295; May 16.
Mitchell, John R., Dallas, Tex., assignor to The Rudolph Wurlitzer Company. Automatic phonographs. 2,174,273; Sept. 26.
Mitchell, Juanita, Los Angeles, Calif. Flow bean for oil wells. 2,173,022; Sept. 12.
Mitchell, Leo J., Clayton, Mo. Surface ornamentation. 2,154,633; Apr. 18.
Mitchell, Lewis E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Mining machine. 2,165,404; July 11.
Mitchell, Lewis E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Mining machine. 2,166,569; July 18.
Mitchell, Lewis E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Mining machine. 2,166,689; July 18.
Mitchell, Lewis E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Mining machine. 2,171,043; Aug. 29.
Mitchell, Lewis E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Mining machine. 2,171,161; Aug. 29.

Mitchell, Lewis E., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Mining machine. 2,171,162; Aug. 29.
Mitchell, Louis K., Tampa, Fla. Counterbalanced spring suspension for vehicles. 2,144,118; Jan. 17.
Mitchell Manufacturing Company. (See Gilson, Arthur G., assignor.)
Mitchell, Melville J., Moline, Ill., assignor to International Harvester Company. Conveyer for harvester-threshers. 2,172,982; Sept. 12.
Mitchell, Ormah R., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Brake shoe key retainer. 2,172,565; Sept. 12.
Mitchell, Orville, executor, et al. (See Mitchell, John E.)
Mitchell, Orville, Dallas, Tex. Pressed steel pulley and producing same. 2,156,920; May 2.
Mitchell, Raymond L. (See Sherrard, E. C., Beglinger, Hohf, Mitchell, and Bateman.)
Mitchell, Richard T., Price, Utah. Mouth plate. 2,142,614; Jan. 3.
Mitchell, Robert B. (See Cox, W. T., and Mitchell.)
Mitchell, Robert J. S., et al. (See Mitchell, Henry M., assignor.)
Mitchell, Rollie H. (See Sjogren, O. W., and Mitchell.)
Mitchell, Rollie H., Huntington Park, assignor to Killefer Manufacturing Corporation, Los Angeles, Calif. Disk harrow. 2,167,768; Aug. 1.
Mitchell, Rollie H., and O. W. Sjogren, Huntington Park, Calif., assignors, by mesne assignments, to Killefer Manufacturing Corporation. Disk harrow. 2,169,471; Aug. 15.
Mitchell, Rowland B., assignor to Athol Manufacturing Company, Athol, Mass. Pyroxylin coated materials and making the same. 2,148,405; Feb. 21.
Mitchell, Rowland B., assignor to Athol Manufacturing Company, Athol, Mass. Making pyroxylin coated materials. 2,165,291; July 11.
Mitchell, Stanley S., et al. (See Mitchell, Henry M., assignor.)
Mitchell, Thomas A. (See Sessions, R. L., and Mitchell.)
Mitchell, Wesley D. (See Mislak, J. T., and Mitchell.)
Mitchell, William B., Cross Banks, Shipley, England. Machine for the manufacture of glass bottles. 2,151,864; Mar. 28.
Mitchell, William O., Baltimore, Md. Combined lipstick and perfume container. 2,178,997; Nov. 7.
Mitchum, Leon C. (See Hill, George and A. G., Baker, Mitchum, and Harper.)
Mitford, Arthur T., and F. O. Brickman, Detroit, Mich. Fare box. 2,146,974; Feb. 14.
Mithoff, Robert C. (See Lyman, A. L., Nichols, and Mithoff.)
Mitin, Mike, assignor of thirty percent to J. Neuvirth, Cleveland, Ohio. Rail joint. 2,156,189; Apr. 25.
Mitre Box Corporation. (See Hanselmann, Karl F., assignor.)
Mitschang, Frank and J., and J. C. Wander, Buffalo, N. Y., assignors to Curtiss-Wright Corporation. Flexible abrasive disk. 2,146,548; Feb. 7.
Mitschang, Joseph. (See Mitschang, Frank, J., and Wander.)
Mitschele, Carl, Pforzheim, Germany. Warning and stopping device for knitting machines. 2,172,128; Sept. 5.
Mitscherling, Waldemar O., assignor to The Neon Research Corporation, Bridgeport, Conn. Hydrocarbon conversion. 2,150,657; Mar. 14.
Mitschrich, Melville F., assignor to Moloney Electric Company, St. Louis, Mo. Oil cooled transformer. 2,142,366; Jan. 3.
Mittag, Albert H., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,168,170; Aug. 1.
Mittelstadt, Walter E., Racine, assignor to Line Material Company, South Milwaukee, Wis. Lightning arrester and method of assemblying. 2,163,697; June 27.
Mittendorf, William R., assignor to The Crosley Corporation, Cincinnati, Ohio. Filtering and dehydrating device for the refrigerant in mechanical refrigerators. 2,148,770; Feb. 28.
Mitterer, Albert R. (See Rorrer, C. E., and Mitterer.)
Mix, Edwin S., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Reversible belt. 2,159,857; May 23.
Mix & Genest Aktiengesellschaft. (See Kirch, Josef, assignor.)
Mixdorff-Krein Manufacuring Co. (See Littmann, Ellis, assignor.)
Mixer, Harold P., Frankfort, assignor to Remington Rand Inc., Buffalo, N. Y. Clutch mechanism. 2,148,170; Feb. 21.
Mixing Equipment Co. (See Bissell, Everett S., assignor.)
Miyata, Akira, assignor to Zaidan Hojin Rikagaku Kenkyujo, Hongo-ku, Tokyo, Japan. Sound-recording disk. 2,168,826; Aug. 8.
Mizell, George P., Dayton, Tex. Depth recorder for a well drill. Re. 21,297; Dec. 12.
Mizer, Joseph J., assignor to Walker Manufacturing Company, Racine, Wis. Safety stop for automobile hoists. 2,150,628; Mar. 14.
Mizer, Joseph J., assignor to Walker Manufacturing Company, Racine, Wis. Lifting mechanism. 2,168,489; Aug. 8.
Mizer, Joseph J., assignor to Walker Manufacturing Company, Racine, Wis. Lifting mechanism. 2,179,948; Nov. 14.
Mizer, Joseph J., assignor to Walker Manufacturing Company, Racine, Wis. Lifting mechanism. 2,181,378; Nov. 28.
Mizuta, Masakichi, Marunouchi, Kojimachi-ku, Tokyo, and T. Yoshimura, Okubo, Kashiwazaki-Machi, Kariha-gun, Niigata-Ken, assignors to Nippon Sekiyu Kabushiki Kaisha, Tokyo, Japan. Refining cracked oil by using metallic soaps. 2,154,988; Apr. 18.
Mjolsness, Haakon, Minneapolis, Minn. Apparatus for separating grain. 2,182,638; Dec. 5.
Moanfeldt, Samuel, et al. (See Jones, Robert C., assignor.)
Moberg, Enoch J., Evanston, Ill. Ladder platform. 2,151,135; Mar. 21.
Moberg, Ivar O., Lowell, Mass., assignor to Nashua Manufacturing Company, Nashua, N. H. Let-off mechanism for looms. 2,170,762; Aug. 22.
Mochan, George, New York, N. Y. Foldable truck. 2,180,642; Nov. 21.
Mochizuki, Gengo, Shiba-ku, Tokyo, assignor of one-half to M. Konishi, Saitama-Ken, Japan. Converting natural rubber or the like quickly into rubber hydrochloride. 2,164,140; June 27.
Mock, Frank C., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Internal combustion engine. 2,142,280; Jan. 3.
Mock, Frank C., Montclair, assignor to Eclipse Aviation Corporation, East Orange, N. J. Fuel pump. 2,160,978; June 6.
Mock, John F., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Steel retainer. 2,169,921; Aug. 15.
Mockli, Hans, Hawthorne, N. J. Window construction. 2,181,763; Nov. 28.
Modern Collet & Machine Company. (See Baxendale, S., and Evasic, assignors.)
Modern Collet & Machine Company. (See Magyar, Louis, assignor.)
Modern Equipment Corporation. (See Carter, John F., assignor.)
Modern Equipment Limited. (See Duffield, William A., assignor.)
Modern Equipment Company. (See Goldberg, Max W., assignor.)
Modern Equipment Corporation. (See McCarthy, Joseph P., assignor.)
Modern Food Process Company. (See Vogt, Charles H., assignor.)
Modine, Arthur B., Racine, Wis. Smoking pipe. 2,166,172; July 18.
Modine Manufacturing Company. (See Arnold, A. B., and Spieth, assignors.)
Modine Manufacturing Company. (See Boerger, Martin G., assignor.)
Modine Manufacturing Company. (See Munch, H. S., and Boerger, assignors.)
Modine Manufacturing Company. (See Spieth, Benjamin, assignor.)
Modisette, James C. (See Weller, Frank F., assignor.)
Modrack, William H., Toledo, Ohio. Electric switch construction. 2,176,538; Oct. 17.
Moe, John E. (See Flint, H. M., and Moe.)
Moebus, Jeanne V. (See Moebus, Robert H. and J. V.)
Moebus, Robert H. and J. V., Omaha, Nebr. Bun server. 2,180,540; Nov. 21.
Moechel, Hans, assignor to Luftschiffbau Zeppelin G. m. b. H., Friedrichshafen, Bodensee, Germany. Lightweight girder, especially for aircraft. 2,170,458; Aug. 22.
Moecker, Arnold H., Homewood, Ill., assignor to American Stove Company, St. Louis, Mo. Range door construction. 2,179,049; Nov. 7.
Moecker, Henry, Jr., W. Lotter, and A. Scholander, Cleveland, Ohio, and I. V. Brumbaugh, assignors to American Stove Company, St. Louis, Mo. Gas cock or valve. 2,161,523; June 6.
Moeller, August, Frankfort-on-the-Main-Griesheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparing alkyl xanthic disulphides. 2,163,956; June 27.
Moeller, Else, née Knupfer, legal representative. (See Moeller, Morten V.)
Moeller, Harry A., and C. L. Orr., assignors to The Buckeye Steel Castings Company, Columbus, Ohio. Braking mechanism for railway car trucks. 2,152,268; Mar. 28.
Moeller, Morton V., deceased, Copenhagen, Denmark, by E. Moeller, née Knupfer, legal representative, Rohr near Stuttgart, assignor to V. Friedrich, Berlin-Tempelhof, Germany. Knife rest for sharpening knives. 2,160,979; June 6.
Moeller, Othmar A. (See McBride, James F., assignor.)
Moeller, William, Freeport, N. Y. Automobile direction signal switch. 2,143,447; Jan. 10.
Moerbitz, Kurt and E. Roux, Berlin, Germany, assignors to Askania-Werke A. G. Theodolite. 2,181,832; Nov. 28.
Moertel, Henry, Chicago, Ill. Sounding board for stringed instruments. 2,167,486; July 25.
Moessinger, Albert, Zurich, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Shuttle picking mechanism. 2,160,338; May 30.
Moessinger, Albert, Zurich, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Shuttle picking mechanism. 2,160,339; May 30.

Moessinger, Albert, Zurich, assignor to Tefag Textil-Finanz A. G., Winterthur, Switzerland. Thread transfer apparatus. 2,163,760; June 27.
Moffat, Albert S., Watertown, assignor to United Water Cooler Service, Inc., Cambridge, Mass. Combined bottle closure and liquid withdrawal device. 2,150,862; Mar. 14.
Moffat, Albert S., Watertown, assignor of one-half to H. C. Wheeler, Boston, Mass. Incandescent gas sign and making same. 2,158,968; May 16.
Moffat, Albert S., Watertown, assignor to United Water Cooler Service, Inc., Cambridge, Mass. Movable holding device for containers. 2,165,567; July 11.
Moffat, John H., Indianapolis, and C. H. Taylor, South Bend, Ind. Parking device. 2,181,907; Dec. 5.
Moffatt, Frank R., et al. (See Tilly, James O., assignor.)
Moffett, Eugene W. (See Gebauer-Fuelnegg, E., and Moffett.)
Moffett, Eugene W. (See Gebauer-Fuelnegg, E., Moffett, and Irving.)
Moffett, Eugene W. (See Winkelmann, H. A., and Moffett.)
Moffett, Eugene W. (See Winkelmann, H. A., Moffett and Calvert.
Moffett, Eugene W., Chicago, Ill., assignor to Marbon Corporation. Rubber derivative composition. 2,149,458; Mar. 7.
Moffett, John F., assignor of one-half to W. M. Moffett, Decatur, Ill. Pneumatic direction signal light. 2,182,816; Dec. 12.
Moffett, Willa M. (See Moffett, John F., assignor.)
Moffitt, Samuel A., Danville, Va., assignor to R. L. Sjostrom, Laurence, Mass. Automatic doffer. 2,151,136; Mar. 21.
Mohar, Jack L., Los Angeles, Calif. Curb indicator and bumper for vehicles. 2,153,896; Apr. 11.
Mohawk Carpet Mills, Inc. (See Kellogg, W. D., and Eigabroadt, assignors.)
Mohawk Carpet Mills, Inc. (See Shuttleworth, Howard L., assignor.)
Mohawk Equipment Corporation (III). (See Potter, Elbert R., assignor.)
Mohawk Equipment Corporation. (See Wilbur, Lawrence S., assignor.)
Möhl, Steffen, Copenhagen, Denmark. Independent wheel suspension for vehicles of all kinds. 2,143,329; Jan. 10.
Mohler, Ernest E., assignor to Fruit & Produce Packing, Inc., Indianapolis, Ind. Handle basket construction. 2,178,802; Nov. 7.
Mohler, James V., assignor of seventeen and five-tenths per cent to H. Levy, Oelwein, and seventeen and five-tenths per cent to M. E. McClain, seven and five-tenths per cent to W. E. Jones, and seven and five-tenths per cent to G. W. Till, Charles City, Iowa. Aircraft propeller. 2,167,050; July 25.
Mohn, Otto, Stuttgart, assignor to Mauser-Werke A.-G., Oberndorf-on-the-Neckar, Germany. Presser foot for sewing machines. 2,156,399; May 2.
Mohr, Albert C., Berkeley, Calif., assignor to Stauffer Chemical Company. Production of sulphur dioxide. 2,156,791; May 2.
Mohr, Harold L., and A. W. Tondreau, Hollywood, assignors to Warner Bros. Pictures, Inc., Burbank, Calif. Photographic apparatus. 2,177,737; Oct. 31.
Mohr, Karl, Kiel, assignor to Fried. Krupp Germaniawerft Aktiengesellschaft, Kiel-Gaarden, Germany. Fuel injecting device for internal combustion engines. 2,155,098; Apr. 18.
Mohr, Lewis L., Philadelphia, Pa. Stepladder. 2,156,397; May 2.
Mohrdieck, Martin, Nogales, Ariz. Air conditioning device. 2,175,779; Oct. 10.
Mohun, John L., Jr. (See Mosier, C., and Mohun.)
Moineau, René J. L., Paris, France. Motor pump or electric generator. 2,161,374; June 6.
Moise, Bolton C., Pittsburgh, and J. Rae, Ellwood City, Pa., assignors to National Tube Company. Finishing and severing tool. 2,165,646; July 11.
Moise, Bolton C., Pittsburgh, Pa., assignor to National Tube Company. Well casing aligning guide. 2,184,051; Dec. 19.
Moisseiff, Leon S., and F. Lienhard, assignors to American Chain & Cable Company, Inc., New York, N. Y. Anchorage for multiple strand cables. 2,178,147; Oct. 31.
Mojonnier, Albert B. (See Fagan, L. E., and Mojonnier.)
Mojonnier, Albert B., Park Ridge, Ill., assignor to Mojonnier Bros. Co. Float controlled electric switch. 2,149,619; Mar. 7.
Mojonnier Bros. Co. (See Fagan, L. E., and Mojonnier, assignors.)
Mojonnier Bros. Co. (See Mojonnier, Harry G., assignor.)
Mojonnier Bros. Co. (See Mojonnier, Julius J., assignor.)
Mojonnier, Harry G., Oak Park, Ill., assignor to Mojonnier Bros. Co. Heat exchange system. 2,147,912; Feb. 21.
Mojonnier, Harry G., Oak Park, Ill., assignor to Mojonnier Bros. Co. Liquid treating plant. 2,179,949; Nov. 14.
Mojonnier, Julius J., Oak Park, Ill., assignor to Mojonnier Bros. Co. Liquid treating apparatus. 2,169,054; Aug. 8.
Mokrohajsky, Fredrick R., assignor of one-half to M. J. Eckert, Binghamton, N. Y. Clothes wringer. 2,147,853; Feb. 21.
Moldenhauer, Alfred J. (See Davis, Frank J., assignor.)
Moldenhauer, Eric, New York, N. Y. Ring. 2,182,876; Dec. 12.
Mole, Peter, and E. C. Richardson, assignors, by mesne assignments, to Mole-Richardson Co., Los Angeles, Calif. Resistance unit for spot and flood lamps. 2,173,948; Sept. 26.
Mole-Richardson Co. (See Coates, Fielding C., assignor.)
Mole-Richardson Co. (See Coates, F. C., and Fowler, assignors.)
Mole-Richardson Co. (See Mole, P., and Richardson, assignors.)
Moles, Frank J., Ferndale, Mich., assignor to General Electric Company. Traffic analyzer. 2,150,776; Mar. 14.
Molex Explosives, Ltd. (See Byers, Laud S., assignor.)
Moley, Frank P., et al. (See Wallace, J. D., assignor, and Sullenger.)
Molin, Karl T. (See Smith, R. E., and Molin.)
Molin, Louis A., and T. Le Baron, Chicago, Ill. Transmitting and amplifying system. 2,157,140; May 9.
Molin, Oscar, Port Arthur, Tex. Dough rolling means. 2,181,666; Nov. 28.
Molinare, Anthony W. (See White, J., and Molinare.)
Molinare, Anthony W., Oak Park, Ill. Race track. 2,180,476; Nov. 21.
Molinare, Anthony W., Forest Park, assignor to Dudley Lock Corporation, Chicago, Ill. Permutation padlock. 2,155,732; Apr. 25.
Molinare, Anthony W., Oak Park, assignor to Electric Household Utilities Corporation, Chicago, Ill. Washing machine. 2,172,620; Sept. 12.
Molinari, Joseph J. (See Feykert, P. J., and Molinari.)
Molins, Desmond W., Deptford, London, assignor to Molins Machine Company, Limited, London, England. Manufacture of cigarettes. 2,172,804; Sept. 12.
Molins, Harold B., executor, et al. (See Molins, Walter E.)
Molins, Harold B., executor, et al. (See Molins, W. E., and Nichols.)
Molins Machine Company. (See Bingham, Arthur, assignor.)
Molins Machine Company. (See Molins, Desmond W., assignor.)
Molins Machine Company. (See Parry, Frank, assignor.)
Molins Machine Company. (See Ruau, Félix F., assignor.)
Molins Machine Company. (See Ruau, F. F., and Bingham, assignors.)
Molins Machine Company Limited. (See Best, Cyril, assignor.)
Molins Machine Company Limited. (See Chalmers, John W., assignor.)
Molins Machine Company Limited. (See Langrish, Henry W., assignor.)
Molins Machine Company Limited. (See Molins, Walter E., assignor.)
Molins Machine Company Limited. (See Molins, W. E., and Nichols, assignors.)
Molins, Walter E., deceased, Deptford, London; H. B. Molins and M. H. Isaacs, executors, assignors to Molins Machine Company Limited, London, England. Tobacco manipulating machine. 2,149,924; Mar. 7.
Molins, Walter E., deceased, Deptford, London; H. B. Molins and M. H. Isaacs, executors, assignors to Molins Machine Company Limited, London, England. Method of and apparatus for feeding tobacco to cigarette-making or tobacco-packaging machines. 2,149,925; Mar. 7.
Molins, Walter E., deceased, by H. B. Molins, Deptford, London, and M. H. Isaacs, London, executors, and S. A. Nichols, assignors to Molins Machine Company, Limited, Deptford, London, England. Tobacco feeding apparatus. 2,150,607; Mar. 14.
Molins, Walter E., deceased, Deptford London, by H. B. Molins, Deptford, and M. H. Isaacs, London, executors, assignors to Molins Machine Company, Limited, Deptford, England. Manufacture of cigarettes. 2,152,416; Mar. 28.
Molins, Walter E., deceased, Deptford, London; H. B. Molins and M. H. Isaacs, executors, assignors, by mesne assignments, to Molins Machine Company Limited, London, England. Manufacture of cigarettes. 2,156,600; May 2.
Molitor, Emmett J. (See Love, E. O., and Molitor.)
Mollenkof, Jesse P. (See McClatchy, J. B., Mollenkof, and Mercaldo.)
Möller, Franz, Zella-Mehlis, Germany. Air pistol. 2,150,288; Mar. 14.
Möller, Frederik A., assignor to Naamlooze Vennootschap: U. A. Scholten's Chemische Fabrieken, Groningen, Netherlands. Manufacturing cold swelling starch. 2,147,104; Feb. 14.
Möller, Georg, Berlin-Neukolln, Germany. Accurate screw cutting. 2,169,159; Aug. 8.
Möller, Georg, Berlin-Neukoelln, assignor to Herbert Lindner, Berlin-Wittenau, Germany. Device for adjusting a rotatably and tiltably mounted table with respect to the axis of a drilling spindle. 2,146,906; Feb. 14.
Möller, Georg, Berlin-Neukoelln, assignor to H. Lindner, Berlin-Wittenau, Germany. Centering means for drilling machine spindles. 2,166,101; July 11.
Möller, Julius. (See Roth, H., and Möller.)

Moller, Otto, West New York, N. J. Window cleaner. 2,158,141; May 16.
Möller, Rolf, Berlin-Zehlendorf, assignor to the firm of Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Recording television images. 2,160,888; June 6.
Möller, Rolf, and E. Ruska, Berlin-Zehlendorf, assignors to the firm Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Cathode ray tube with photocell mosaic. 2,160,510; May 30.
Molleson, Isabell C., Baldwin, N. Y. Hair dressing appliance. 2,165,716; July 11.
Molleson, Isabelle C., Baldwin, N. Y. Remover for "pyrex" dishes. 2,163,129; June 20.
Molley, Robert E. (See Donald, B. L., Molley, and Godard.)
Molly, Hans. (See Thoma, H., and Molly.)
Molly, Hans, assignor to Zahnradfabrik Friedrichshafen Aktiengesellschaft, Friedrichshafen, Germany. Method of and means for dressing rotating disks for grinding gears with inclined teeth. 2,148,955; Feb. 28.
Molly, Hans, Betzdorf, assignor to Zahnradfabrik Friedrichshafen Aktiengesellschaft, Friedrichshafen, Germany. Method of and means for truing grinding disks. 2,148,956; Feb. 28.
Molner, Louis J., Bridgeport, Conn. Fuse receptacle. 2,177,532; Oct. 24.
Molner, Louis J., Bridgeport, Conn. Fuse. 2,177,533; Oct. 24.
Moloney Electric Company. (See Mitschrich, Melville F., assignor.)
Moloney, Raymond T. (See Breitenstein, Charles J., assignor.)
Moloney, Raymond T. (See Breitenstein, C. J., and Hooker, assignors.)
Moloney, Raymond T. (See Breither, Robert H., assignor.)
Moloney, Raymond T. (See Hooker, Donald E., assignor.)
Moloney, Raymond T. (See MacDougall, Bon G., assignor.)
Moloney, Raymond T. (See Nicolaus, Frank G., assignor.)
Moloney, Raymond T. (See Williams, Harry E., assignor.)
Moltkehansen, Ivar J., Uccle, Belgium. Electrolytic production of alkali metals. 2,150,289; Mar. 14.
Molyneux, John C. (See Betzhold, G. J., and Molyneux.)
Molyneux, Lee B., Buffalo, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sealing structure. 2,167,669; Aug. 1.
Molz, Henry, Glendale, Calif. Device for controlling and planning production, order dispatching, stores, and sales. 2,169,498; Aug. 15.
Molzen, Charles F., Stratford, assignor to De Jur-Amsco Corporation, Shelton, Mass. Insulator. 2,151,931; Mar. 28.
Momon, Louis, Paris, France, assignor to Societe Industrielle d'Instruments de Precision. Sorting machine. 2,174,134; Sept. 26.
Monahan, Thomas G., Cuyahoga Falls, assignor to The Firestone Steel Products Company, Akron, Ohio. Apparatus for making metal rings. 2,143,707; Jan. 10.
Monarch Governor Company. (See Alexander, Arthur S., assignor.)
Monarch Governor Company. (See Jennings, Jarvis S., Jr., assignor.)
Monarch Governor Company. (See Sarnes, Lowell F., assignor.)
Monarch Machine Tool Company, The. (See Abe, Philber, A., assignor.)
Monarch Machine Tool Company, The. (See Beeny, Herbert H., assignor.)
Monarch Machine Tool Company. (See Bickel, Clifford A., assignor.)
Monarch Machine Tool Company, The. (See Bickel, C. A., and Wills, assignors.)
Monarch Machine Tool Company, The. (See Lloyd, Arthur H., and Beeny, assignors.)
Monarch Marking System Company, The. (See Kohnle, Frederick, assignor.)
Monarch Shoe Company. (See Siegel, Meyer, assignor.)
Monawatt Electric Corporation, The. (See Benander, George B., assignor.)
Monckmeier, Gustav C., Davenport, Iowa. Automobile bumper post. 2,148,242; Feb. 21.
Moncrieff, Robert W. (See Dreyfus, H., and Moncrieff.)
Moncrieff, Robert W. (See Dreyfus, H., Moncrieff, and Glass.)
Moncrieff, Robert W. (See Dreyfus, H., Moncrieff, and Hill.)
Moncrieff, Robert W. (See Dreyfus, H., Moncrieff, Menzer, and Eccles.)
Moncrieff, Robert W. (See Kinsella, E., and Moncrieff.)
Moncrieff, Robert W., and F. B. Hill, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of artificial materials. 2,142,909; Jan. 3.
Moncrieff, Robert W., and F. B. Hill, Spondon, near Derby, England, assignors to Celanese Corporation of America. Apparatus for the manufacture of artificial materials. 2,142,910; Jan. 3.
Moncrieff, Robert W., and F. B. Hill, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of artificial materials. 2,142,911; Jan. 3.
Moncrieff, Robert W., and F. B. Hill, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of cellulose derivative materials. 2,142,912; Jan. 3.
Moncrieff, Robert W., and J. Gooddy, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of filaments, foils, and the like. 2,142,913; Jan. 3.
Moncrieff, Robert W., and F. B. Hill, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of artificial fabrics and other artificial materials. 2,144,633; Jan. 24.
Moncrieff, Robert W., and C. W. North, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of organic compounds. 2,145,364; Jan. 31.
Moncrieff, Robert W., and P. H. Miller, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of textile materials. 2,145,945; Feb. 7.
Moncrieff, Robert W., and F. B. Hill, Spondon, near Derby, England, assignors to Celanese Corporation of America. Yarn winding machine. 2,147,664; Feb. 21.
Moncrieff, Robert W., and P. H. Miller, Spondon, near Derby, England, assignors to Celanese Corporation of America. Treatment of textile materials. 2,149,536; Mar. 7.
Moncrieff, Robert W., and F. B. Hill, Spondon, near Derby, England, assignors to Celanese Corporation of America. Textile apparatus. 2,151,327; Mar. 21.
Moncrieff, Robert W., and F. B. Hill, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of artificial materials. 2,159,097; May 23.
Moncrieff, Robert W., and P. H. Miller, Spondon, near Derby, England, assignors to Celanese Corporation of America. Device for cleaning rotating cylinders. 2,171,631; Sept. 5.
Moncrieff, Robert W., and A. W. M. Cooke, Spondon, near Derby, England, assignors to Celanese Corporation of America. Dyeing of textile and other materials. 2,173,178; Sept. 19.
Moncrieff, Robert W., and E. B. Thomas, Spondon, near Derby, England, assignors to Celanese Corporation of America. Corrosion prevention. 2,180,427; Nov. 21.
Moncrieff, Veon I., West Hartford, Conn., assignor, by mesne assignments, to United Aircraft Corporation. Making internal combustion engines. 2,144,928; Jan. 24.
Mondloch, Henry, assignor to Hansen Canning Machinery Corporation, Cedarburg, Wis. Can filling machine. 2,156,951; May 2.
Mondloch, Henry, Cedarburg, Wis., assignor, by mesne assignments, to Food Machinery Corporation, San Jose, Calif. Can washer. 2,184,100; Dec. 19.
Monegan, Edgar D., and P. A. Roush, Akron, Ohio. Deicer for airships. 2,173,262; Sept. 19.
Moness, Eugene, Long Island City, assignor to E. R. Squibb & Sons, New York, N. Y. N-butyl monochlorresorcinol. 2,151,137; Mar. 21.
Monesson, Israel, Lakewood, N. J. Elastic belt. 2,160,368; May 30.
Money, Roland H. (See Crosley, L. M., and Money.)
Money, Roland H. (See Williamson, C. O., and Money.)
Money, Roland H., assignor to The Crosley Corporation, Cincinnati, Ohio. Top mounting structure for refrigerator cabinets. 2,144,504; Jan. 17.
Money, Roland H., Cincinnati, Ohio, assignor to The Crosley Corporation. Making float valve and heat interchange mechanisms. 2,152,812; Apr. 4.
Money, Roland H., assignor to The Crosley Corporation, Cincinnati, Ohio. Evaporator control means. 2,163,698; June 27.
Money, Roland H., assignor to The Crosley Corporation, Cincinnati, Ohio. Refrigerator cabinet. 2,164,589; July 4.
Money, Roland H., assignor to The Crosley Corporation, Cincinnati, Ohio. Breaker strip and fitting. 2,171,036; Aug. 29.
Money, Roland H., assignor to The Crosley Corporation, Cincinnati, Ohio. Refrigerator door. 2,183,280; Dec. 12.
Mongan, John. (See Choma, Michail, assignor.)
Monge, John, Staunton, Ill. Cushion for bathtubs. 2,152,968; Apr. 4.
Monighan, John E., Allen County, Ind. Fishing pole appliance. 2,179,578; Nov. 14.
Moninger, Frank M., assignor to Sportsman's Manufacturing and Distributing Company, Inc., Los Angeles, Calif. Vending machine. 2,159,905; May 23.
Moninger, Henry B., Philadelphia, Pa. Lock. 2,176,800; Oct. 17.
Moninger, Lee M., Los Angeles, Calif. Vending machine. 2,168,914; Aug. 8.
Monitor Controller Company. (See Frese, Joseph F., assignor.)
Monk, Albert. (See Seaman, R. H., and Monk.)
Monk, Newton, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier communication system. 2,143,163; Jan. 10.
Monmouth Products Company. (See Kuenhold, Otto J., signor.)

Monner, Ray J., assignor of one-third to A. C. McIntosh and one-third to G. P. Hurst, Rapid City, S. Dak. Exposure meter. 2,168,133; Aug. 1.
Monnet, Georges, Chateau de Franiere, Belgium, assignor to Societe Anonyme des Manufacturers des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Treating hard surfaces. 2,164,418; July 4.
Monney, Louis, Lausanne, assignor to the firm Recomatics S.-A., Geneva, Switzerland. Draft regulator for combustion apparatus. 2,167,307; July 25.
Monnier, Emory J., Detroit, Mich. Pneumatic motor. 2,180,993; Nov. 21.
Monnot, Edward L., assignor to The Weber Dental Manufacturing Company, Canton, Ohio. Dental cuspidor construction. 2,169,324; Aug. 15.
Monomelt Company. (See Olander, Leonard G., assignor.)
Monopower Corporation, The. (See Aspinwall, R. B., and Tyler, assignors.)
Monopower Corporation. (See Tyler, Tracy B., assignor.)
Monowatt Electric Corporation. (See Benander, George B., assignor.)
Monroe Auto Equipment Company. (See McIntyre, Brouwer D., assignor.)
Monroe Auto Equipment Company. (See Nickelsen, John M., assignor.)
Monroe Calculating Machine Company. (See Britten, Edwin F., Jr., assignor.)
Monroe Calculating Machine Company. (See Chase, George C., assignor.)
Monroe Calculating Machine Company. (See Crosman, Loring P., assignor.)
Monroe Calculating Machine Company. (See Enders, Hugo E., assignor.)
Monroe Calculating Machine Company. (See Hilder, Stuart, assignor.)
Monroe Calculating Machine Company. (See Walter, Edward C., assignor.)
Monroe, Daniel A., Biscoe, N. C. Chair bottom. 2,180,690; Nov. 21.
Monroe, Daniel B., Denver, Colo. Device for straightening oil wells. 2,173,309; Sept. 19.
Monroe, Kenneth C., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Control mechanism for hydraulic presses. 2,161,375; June 6.
Monroe, Kenneth C., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Pressure-sustaining valve. 2,167,281; July 25.
Monroe, Kenneth C., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Hydraulic broaching machine. 2,173,179; Sept. 19.
Monroe, Kenneth C., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Interlocked duplex broaching machine. 2,183,430; Dec. 12.
Monroe, Kenneth C., assignor to The Lapointe Machine Tool Company, Hudson, Mass. Hydraulic broaching machine and work support therefor. 2,184,052; Dec. 19.
Monroe, Rollo O. (See Goff, L. D., and Monroe.)
Monroe, Rollo O., assignor to The Johnson Corporation, Three Rivers, Mich. Water-level control. 2,168,267; Aug. 1.
Monroe, Thomas E., Atlanta, Ga. Hand sewing machine. 2,152,203; Mar. 28.
Monsanto Chemical Company. (See Ault, W. C., and Hochwalt, assignors.)
Monsanto Chemical Company. (See Beaver, David J., assignor.)
Monsanto Chemical Company. (See Bertsch, Johann A., assignor.)
Monsanto Chemical Company. (See Booth, C. F., and Krase, assignors.)
Monsanto Chemical Company. (See Bump, Albert H., assignor.)
Monsanto Chemical Company. (See Carswell, Thomas S., assignor.)
Monsanto Chemical Company. (See Comte, Frederick, assignor.)
Monsanto Chemical Company. (See Conover, C., and Huff, assignors.)
Monsanto Chemical Company. (See Conover, Courtney, assignor.)
Monsanto Chemical Company. (See Dyer, Colver P., assignor.)
Monsanto Chemical Company. (See Esselen, G. J., and Derby, assignors.)
Monsanto Chemical Company. (See Fox, K. R., Hyry, and Hatfield, assignors.)
Monsanto Chemical Company. (See Harford, Charles G., assignor.)
Monsanto Chemical Company. (See Harman, Marion W., assignor.)
Monsanto Chemical Company. (See Hatfield, Ira, assignor.)
Monsanto Chemical Company. (See Hay, Harold R., assignor.)
Monsanto Chemical Company. (See Jelen, Frederick C., assignor.)
Monsanto Chemical Company. (See Jenkins, Russell L., assignor.)
Monsanto Chemical Company. (See Kirkpatrick, Arnold, assignor.)
Monsanto Chemical Company. (See Krase, Herbert J., assignor.)
Monsanto Chemical Company. (See Kyrides, Lucas P., assignor.)
Monsanto Chemical Company. (See Malowan, John E., assignor.)
Monsanto Chemical Company. (See Marling, P. E., and Thomas, assignors.)
Monsanto Chemical Company. (See Martin, George D., assignor.)
Monsanto Chemical Company. (See Moss, Henry V., assignor.)
Monsanto Chemical Company. (See Sibley, Robert L., assignor.)
Monsanto Chemical Company. (See Thomas, C. A., and Taylor, assignors.)
Monsanto Chemical Company. (See Thomas, Charles A., assignor.)
Monsanto Chemical Company. (See White, John F., assignor.)
Monsanto Chemical Company. (See Wilson, W. S., and Lobdell, assignors.)
Monsanto Chemical Company. (See Wilson, W. S., and White, assignors.)
Monsanto Chemical Company. (See Wilson, William S., assignor.)
Monson, Edwin G. (See Ronning, H. O., Cullen, Monson, and Sandberg.)
Montagné, Anton, Dusseldorf-Grafenberg, Germany. Grinding wheel for soft materials. 2,183,082; Dec. 12.
Montague, Charles D., Fredericksburg, assignor to Automatic Draft and Stove Co., Inc., Lynchburg, Va. Automatic draft regulator. 2,170,728; Aug. 22.
Montague, Edgar J., Cortland, N. Y. Vegetable slicer and French fried potato cutter. 2,179,050; Nov. 7.
Montague, Samuel O., Goldsboro, N. C. Mill pick. 2,175,537; Oct. 10.
Montardo, Agostino C., assignor of fifty-one per cent to N. F. Cedrone, Boston, Mass. Indicator for musical compositions. 2,169,002; Aug. 8.
Montblanc-Simplo Gesellschaft mit beschränkter Haftung. (See Rosler, E. R. A. G., Schwarting, and Kressel, assignors.)
"Montecatini" Società Generale per l'Industria Mineraria e Chimica. (See Fortunato, Marino, assignor.)
Montecatini, Società Generale per l'Industria Mineraria ed Agricola. (See Fauser, Giacomo, assignor.)
Montel, André, and M. Rabine, Boulogne-Billancourt, France, assignors to Western Electric Company, Incorporated, New York, N. Y. Telephone set. 2,180,716; Nov. 21.
Montelius, Carl O. J., assignor to Aktiebolaget Imo-Industri, Stockholm, Sweden. Hydraulic rotary engine. 1,171,146; Aug. 29.
Montgomerie, John A., Cambuslang, and P. K. Archibald, Rutherglen, Scotland, assignors to American Bitumuls Company, San Francisco, Calif. Producing waterproof fibrous sheets. 2,168,778; Aug. 8.
Montgomery, Andrew P., Narberth, assignor to Philadelphia Storage Battery Company, Philadelphia, Pa. High fidelity radio receiver. 2,153,583; Apr. 11.
Montgomery, Augie L., Waco, Tex. Scoreboard. 2,164,466; July 4.
Montgomery, Charles C., and C. Johnson, Hardburly, Ky. Automatic air coupling. 2,159,906; May 23.
Montgomery, Donald H., Hartford, assignor, by mesne assignments, to The New Britain Machine Company, New Britain, Conn. Chucking means. 2,153,971; Apr. 11.
Montgomery, Donald H., West Hartford, assignor to The New Britain Machine Company, New Britain, Conn. Chucking means. 2,159,931; May 23.
Montgomery, Donald H., West Hartford, and W. B. Retz., Plainville, assignors, by mesne assignments, to The New Britain Machine Company, New Britain, Conn. Stop mechanism for bar machines. 2,159,398; May 23.
Montgomery, Donald H., Berlin, and G. A. Cardell, assignors, by mesne assignments, to The New Britain Machine Company, New Britain, Conn. Tool holding device. 2,174,860; Oct. 3.
Montgomery, Edward E., assignor to Edmont Manufacturing Company, Coshocton, Ohio. Coating gloves. 2,181,247; Nov. 28.
Montgomery, Frederick G., Westfield, N. J., assignor to Ekstrand Manufacturing Co., Inc. Making ceramic ware. 2,146,309; Feb. 7.
Montgomery, Harley A., Highland Park, Mich. Composition for treating ferrous metals. 2,151,353; Mar. 21.
Montgomery, Harley A., Highland Park, Mich. Treating sheet metal for drawing and the like. 2,153,811; Apr. 11.
Montgomery, Harley A., Detroit, Mich. Drawing metals. 2,166,173; July 18.
Montgomery, Harry S. (See Weir, James W., assignor.)
Montgomery, James L., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Voltage doubler circuit. 2,172,962; Sept. 12.
Montgomery, John A., Denver, Colo. Cutting screen for sewage. 2,170,569; Aug. 22.
Montgomery, Leon F., Portland, Ind., assignor of one-half to H. C. Mayers, Rocky River, Ohio. Sole for shoes. 2,152,657; Apr. 4.
Montgomery, Randolph B., Pasadena, Calif. Ax handle. 2,182,031; Dec. 5.
Montgomery, Robert J. (See Jan Voogd, Herman G., assignor.)

Montgomery, Terryl B., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Motor control system. 2,143,357; Jan. 10.
Montgomery, Thomas C., and F. W. Schempp, assignors of nine-fortieths to S. W. Rider and nine-fortieths to H. R. Stahlman, Charleroi, Pa. Vehicle light circuit. 2,177,618; Oct. 24.
Montgomery Ward & Co. (See Evertson, Joseph H., assignor.)
Montgomery Ward & Co. (See Faber, Peter J., assignor.)
Montgomery Ward & Co. (See Underwood, John A., assignor.)
Montgomery Ward & Co. (See Yarian, James L., assignor.)
Montgomery, William J., Hamilton, and C. F. Boyers, Hillsboro, assignors to The Champion Paper and Fibre Company, Hamilton, Ohio. Apparatus for and method of screening. 2,158,080; May 16.
Montine, Joseph F., Brooklyn, N. Y. Recording and illustrating dance steps. 2,158,475; May 16.
Montrose-Oster, L. E. W., Carlsbad, Czechoslovakia, assignor of one-half to Pollopas Patents, Ltd., London, England. Carriage for vehicles moved principally in one direction. 2,166,456; July 18.
Montroy, Frank E., Los Angeles, Calif. Terminal housing for luminous tubes. 2,152,558; Mar. 28.
Montu, Ernesto, Milan, Italy. Three-dimension radio-bearing indicator. 2,174,350; Sept. 26.
Monzingo, Willie C., near Abilene, Tex. Air chuck. 2,166,874; July 18.
Monzroll, Jeffroy, Montreal, Quebec, Canada. Apparatus for shanking drill steels. 2,144,193; Jan. 17.
Mo och Domsjö Aktiebolag. (See Waenerlund, Torsten E., assignor.)
Moodie, T. Edward, assignor to M. A. Ferst, Ltd., Atlanta, Ga. Vehicle supporting structure. 2,144,889; Jan. 24.
Moody, Dwight L., Hempstead, N. Y., N. D. Newby, Leonia, and F. F. Shipley, Teaneck, N. J., assignors to American Telephone and Telegraph Company. Telephone system. 2,161,376; June 6.
Moody, Frank S., Los Angeles, Calif. Adjustable watch-case for wrist watches. 2,169,738; Aug. 15.
Moody, Frank S., and L. R. Pauwels, Los Angeles, assignors to Paramount Watch Bond Manufacturing Company, Los Angeles County, Calif. Wrist watch and bracelet connection. 2,163,208; June 20.
Moody, Gertia O., administratrix. (See Moody, Joseph F., assignor.)
Moody, Gordon, Amherst, Mass. Illuminated speedometer. 2,165,498; July 11.
Moody, Joseph F., deceased; G. O. Moody, administratrix, assignor to G. O. Moody, Tulsa, Okla. Spider. 2,173,079; Sept. 12.
Moody, Lewis F., Princeton, N. J. Impulse turbine. 2,156,921; May 2.
Moody, Maxey D., Sr. (See Barwick, Attys B., assignor.)
Moomaw, Lewis H., Wilmette, Ill. Camera. 2,182,133; Dec. 5.
Moon, Charles R., assignor to Ontario Manufacturing Company, Muncie, Ind. Rouging device for buffing wheels. 2,177,992; Oct. 31.
Mooney, David A., Jamaica Plain, Mass., assignor to General Electric Company. Capacitor motor starting arrangement. 2,181,734; Nov. 28.
Mooney, Raymond, Kenilworth, Ill. Tripod. 2,143,606; Jan. 10.
Moore, Abram J., Melrose, Mass, assignor to General Electric Company. Telemetering torque amplifier. 2,164,179; June 27.
Moore, Albert M. (See Gould, Frank D., assignor.)
Moore, Almer F. (See Morrissey, M. A., and Moore.)
Moore, Carl E., Gary, Ind. Treating strip metal. 2,176,094; Oct. 17.
Moore, Carl E., Gary, Ind. Roll handling device. 2,181,461; Nov. 28.
Moore, Charles C., San Francisco, Calif. Fruit product and processing. 2,146,155; Feb. 7.
Moore, Charles C., Jr., Palos Verdes Estates, assignor to Union Oil Company of California, Los Angeles, Calif. Ignition lag control. 2,146,265; Feb. 7.
Moore, Charles H., Fort Worth, Tex. Attachment for golf clubs. 2,154,989; Apr. 18.
Moore, Clarence W., Roslyn, Pa., assignor, by mesne assignments, to United Specialties Company, Detroit, Mich. Circuit control device. 2,170,154; Aug. 22.
Moore, Claude A., Cheyenne, Wyo. Combined ventilator, heater, and windshield defroster for automobile bodies. 2,158,245; May 16.
Moore, Coleman B. (See Green, J. R., Krogh, Moore, and Ullman.)
Moore, Coleman B., Carroll Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring and control apparatus. 2,159,877; May 23.
Moore, Coleman B., Carroll Park, assignor to The Brown Instrument Company, Philadelphia, Pa. Measuring apparatus. 2,168,038; Aug. 1.
Moore, Coleman B., Carroll Park, and W. G. Trumbower, assignors to The Brown Instrument Company, Philadelphia, Pa. Measuring instrument. 2,184,429; Dec. 26.
Moore, Coleman B., Carroll Park, and A. C. Jauss, Aldan, assignors to The Brown Instrument Company, Philadelphia, Pa. Measuring instrument. 2,184,430; Dec. 26.
Moore Company, The. (See Wunderlich, William E., assignor.)
Moore Corporation, The. (See Pletcher, H. S., and Gatons, assignors.)
Moore Drop Forging Company. (See Murray, Arthur T., assignor.)
Moore, E. R., Company. (See Holmes, Edward W., assignor.)
Moore, Earl E., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Automatic choke control. 2,152,078; Mar. 28.
Moore, Edmond E. (See Volwiler, E. H., and Moore.)
Moore, Elmer C., Glenview, Ill. Radio transmitter antenna reel. 2,173,126; Sept. 19.
Moore, Ernest C., and W. R. Challoner; said Moore assignor to Appleton Music Publication, Inc., Appleton, Wis. Desk stand. 2,152,557; Mar. 28.
Moore, Eugene B., Swedesboro, N. J. Agricultural machine. 2,180,253; Nov. 14.
Moore Fabric Company. (See Moore, John V., assignor.)
Moore, Francis, assignor to Albert Specialty Company, Chicago, Ill. Adjusting means. 2,184,358; Dec. 26.
Moore, Frank, assignor to The Foxboro Company, Foxboro, Mass. Deoscillator. 2,148,491; Feb. 28.
Moore, Frank B. (See Ginder, William H., assignor.)
Moore, Fred E., Los Angeles, Calif. Hernia pad. 2,172,621; Sept. 12.
Moore, Fred W., assignor to National Pumps Corporation, Dayton, Ohio. Flow indicating device. 2,147,309; Feb. 14.
Moore, Fred W., assignor to National Pumps Corporation, Dayton, Ohio. Bypass valve. 2,160,028; May 30.
Moore, Garnett V. (See Coleman, G. H., Mills, and Moore.)
Moore, Garnett V. (See Coleman, G. H., and Moore.)
Moore, George. (See Llorens, Louis M., assignor.)
Moore, George A., assignor to Humoco Corporation, Louisville, Ky. Container and making the same. 2,149,030; Feb. 28.
Moore, George A., assignor to Humoco Corporation, Louisville, Ky. Container. 2,152,322; Mar. 28.
Moore, George A., assignor to Humoco Corporation, Louisville, Ky. Container. 2,152,323; Mar. 28.
Moore, George A., assignor to Humoco Corporation, Louisville, Ky. Applying and regulating pressures. 2,152,813; Apr. 4.
Moore, George A., assignor to Humoco Corporation, Louisville, Ky. Impervious sheet material. 2,157,212; May 9.
Moore, George A., assignor to Humoco Corporation, Louisville, Ky. Container. 2,179,231; Nov. 7.
Moore, George E., Dearborn, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 2,164,883; July 4.
Moore, George E., assignor to The Aetna Standard Engineering Company, Youngstown, Ohio. Drive mechanism. 2,181,735; Nov. 28.
Moore, George L., and J. R. Steele, Owego, N. Y. Fastening device. 2,171,163; Aug. 29.
Moore, George W., Long Beach, Calif. Safety liner shoe. 2,183,654; Dec. 19.
Moore, Harold, and H. E. Charlton, London, England. Driving mechanism. 2,166,873; July 18.
Moore, Harold H., assignor to Bushman-Moore Incorporated, Cleveland, Ohio. Display background construction. 2,163,259; June 20.
Moore, Howard R., assignor, by mesne assignments, to New Wrinkle, Inc., Dayton, Ohio. Producing a resin. 2,154,954; Apr. 18.
Moore, Hugh K., York Harbor, Maine, assignor to Brown Company, Berlin, N. H. Causticization of soluble sulphides. 2,164,141; June 27.
Moore, Hugh K., York Harbor, Maine, assignor to Brown Company, Berlin, N. H. Filtering finely divided solids from fluid suspension. 2,164,142; June 27.
Moore, James B. (See Cook, J. F., Jr., and Moore.)
Moore, James L. (See Ajouelo, D. J., and Moore.)
Moore, John B., North Chicago, Ill., assignor to Vanadium-Alloys Steel Company, Latrobe, Pa. Cutting tool. 2,181,023; Nov. 21.
Moore, John B., Riverhead, N. Y., and R. E. Mathes, Fanwood, N. J., assignors to Radio Corporation of America. Printing telegraph system. 2,183,147; Dec. 12.
Moore, John V., assignor to Moore Fabric Company, Pawtucket, R. I. Woven elastic fabric. 2,173,976; Sept. 26.
Moore, John V., assignor to Moore Fabric Company, Pawtucket, R. I. Woven elastic fabric. 2,177,439; Oct. 24.
Moore, Joseph B., Madawaska, Maine. Brake control mechanism. 2,170,593; Aug. 22.
Moore, Joseph G., Runcorn, and L. T. Dod, Great Crosby, Liverpool, England, assignors to Imperial Chemical Industries Limited. Chlorinated rubber product. 2,149,926; Mar. 7.
Moore, Lawrence A., et al. (See Bake, Clarence F., assignor.)
Moore, Lee C., & Company. (See Henry, Charles L., assignor.)
Moore, Lee C., & Company. (See Jenkins, Cecil, assignor.)
Moore, Leo I., Wortham, Tex. Mount for a telescopic gun sight. 2,142,453; Jan. 3.
Moore, Marguerite E., New York, N. Y. Window shade. 2,142,822; Jan. 3.
Moore, Mark E., Maywood, Ill. Can forming machine. 2,145,125; Jan. 24.

Moore, Matthew S., Malvern, assignor to The Mining Engineering Company Limited, Worcester, England. Loading machine. 2,143,607; Jan. 10.
Moore, Matthew S., Malvern, assignor of one-half to The Mining Engineering Company Limited, Worcester, England. Loading machine for mines. 2,143,789; Jan. 10.
Moore, Maynard H., Jr., Everett, Mass. Innersole for open shank shoes. 2,154,135; Apr. 11.
Moore, Milburn, assignor of one-half to C. F. Gailor, Brooklyn, N. Y. Track lubricating apparatus. 2,173,654; Sept. 19.
Moore, Montague, Burnaby, British Columbia, Canada. Postage meter. 2,152,204; Mar. 28.
Moore, Paul, et al., trustees. (See Adams, J. F., and Nikitin, assignors.)
Moore, Paul, et al., trustees. (See Nikitin, A. A., and Adams, assignors.)
Moore Push-Pin Co. (See Hooks, Herbert C., assignor.)
Moore, Randolph F. (See Cool, David E., assignor.)
Moore, Richard R., Lansdowne, Pa. Material testing machine. 2,154,277; Apr. 11.
Moore, Robert, Providence, R. I., assignor to Freeman-Daughaday Company. Collar holder. 2,147,264; Feb. 14.
Moore, Robert, assignor to Freeman Daughaday Company, Providence, R. I. Collar holder. 2,164,831; July 4.
Moore, Robert E., Park Ridge, Ill. Heating system. 2,176,539; Oct. 17.
Moore, Roger Q. (See Matteson, N. F., Bub, and Moore.)
Moore, Royal T. (See Leonard, H. H., and Moore.)
Moore, Samuel A., Flint, assignor to General Motors Corporation, Detroit, Mich. Printing fixture for glass dials and the like. 2,144,849; Jan. 24.
Moore, Samuel W., Greensburg, Ky. Hypodermic syringe holder. 2,151,610; Mar. 21.
Moore, Stanley S., Stockton, Calif. Scraper. 2,153,897; Apr. 11.
Moore, Susan A., executrix. (See Ajouelo, D. J., and Moore.)
Moore, Theodore, deceased (by C. M. Herr, administrator), and G. E. Nighthart, New Kensington, Pa., assignors to Aluminum Company of America. Tube drawing method. 2,155,437; Apr. 25.
Moore, Thomas F., Morris Plains, N. J. Well point. 2,164,253; June 27.
Moore, Thomas F., Morris Plains, N. J. Well point and system therefor. 2,176,540; Oct. 17.
Moore, Thomas P. (See Jarmin, J. B., and Moore.)
Moore, Verlin E., Kansas City, Mo. Air register grille. 2,162,562; June 13.
Moore, Wallace F., Fitchburg, Mass. Door closing and checking device. 2,184,264; Dec. 19.
Moore, William D., Portsmouth, Ohio. Two-piece arch support. 2,147,913; Feb. 21.
Moore, William E., assignor to Pittsburgh Research Corporation, Pittsburgh, Pa. Reduction furnace. 2,159,286; May 23.
Moore, William E., assignor to Pittsburgh Research Corporation, Pittsburgh, Pa. Electric furnace roof ring. 2,166,964; July 25.
Moore, William E., assignor to Pittsburgh Research Corporation, Pittsburgh, Pa. Electric furnace and electrode mechanism therefor. 2,169,808; Aug. 15.
Moore, William E., Pittsburgh, Pa., and W. B. Wallis, New York, N. Y., assignors to Pittsburgh Research Corporation, Pittsburgh, Pa. Apparatus for heat treating furnace linings. 2,174,927; Oct. 3.
Moore, William L., La Grange, Ill., assignor to Shellmar Products Company, Mount Vernon, Ohio. Container. 2,155,057; Apr. 18.
Moore, William S., Batavia, Ohio. Mouth-closing device. 2,172,252; Sept. 5.
Moores, William G., assignor of one-half to D. Fricot, Angels Camp, Calif. Gate latch. 2,169,846; Aug. 15.
Moorhouse, Alfred, Detroit, Mich. Tappet. 2,153,097; Apr. 4.
Moorhouse, Alfred, Detroit, Mich., assignor to Morse Chain Company, Ithaca, N. Y. Clutch. 2,154,212; Apr. 11.
Moorhouse, Henry J., South Range, Wis. Advertising device. 2,181,104; Nov. 21.
Moos, Josef. (See Terres, E., Moos, and Ramser.)
Moos, Josef. (See Terres, E., Moos, and Saegebarth.)
Moos, Josef. (See Terres, E., Saegebarth, and Moos.)
Moos, Joseph. (See Terres, E., Saegebarth, Moos, and Ramser.)
Mooter, Joseph A., and F. Hamlin, assignors to The Wabash Fibre Box Company, Terre Haute, Ind. Carton. 2,179,981; Nov. 14.
Mora, Jose, New York, N. Y. Door locking device. 2,144,075; Jan. 17.
Morack, Marvin M., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting system. 2,151,560; Mar. 21.
Morain, Clifford F., Youngstown, Ohio, assignor to General Paint Corporation, San Francisco, Calif. Pipe wrapper stripping apparatus. 2,182,301; Dec. 5.
Moran, Albert M., et al. (See Sonnhalter, Edward P., assignor.)
Moran, Bert, Table Grove, Ill. Hamburger mold. 2,173,760; Sept. 19.
Moran, Don E. (See Grupe, H. L., Robertson, and Moran.)
Moran, James G., Modesto, Calif. Signal. 2,176,268; Oct. 17.
Moran, Robert C. (See Berger, H. G., Moran, and Seger.)
Moran, Robert C. (See Crandall, G. S., Moran, and Berger.)
Moran, Robert C. (See James, W. H., Moran, and Evers.)
Moran, Robert C. (See James, W. H., Moran, and Nygaard.)
Moran, Robert C., Wenonah, and A. P. Kozacik, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition. 2,151,300; Mar. 21.
Moran, Robert C., Wenonah, and E. W. Fuller, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Petroleum lubricant composition. 2,161,584; June 6.
Moran, Robert C., Wenonah, and E. W. Fuller, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Stabilized mineral oil. 2,161,585; June 6.
Moran, Robert C., Wenonah, and W. H. James, Paulsboro, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Lubricating oil. 2,162,207; June 13.
Moran, Robert C., Wenonah, W. H. James, Paulsboro, and E. W. Fuller, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition. 2,162,208; June 13.
Moran, Robert P., West Orange, N. J. Chimney. 2,181,338; Nov. 28.
Moran, Thomas W., Liverpool, England. Tunnel lining. 2,172,030; Sept. 5.
Morano, Sam, Morgantown, W. Va. Mine rail tie and anchor. 2,174,472; Sept. 26.
Morano, Sam, Morgantown, W. Va. Rail tie and anchor. 2,181,248; Nov. 28.
Moraway, John, San Francisco, Calif. Oscillating piston engine. 2,154,315; Apr. 11.
Moray, John, Whitestone, N. Y. Shearing chisel. 2,172,984; Sept. 12.
Moray, Virgil W., assignor to Akwa Heaters, Inc., New York, N. Y. Fluid heater. 2,154,177; Apr. 11.
Moray, Virgil W., assignor to Akwa Heaters, Inc., New York, N. Y. Fluid heater. 2,154,178; Apr. 11.
Moray, Virgil W., Bronx, assignor to Akwa Heaters, Inc., New York, N. Y. Fluid heater. 2,154,764; Apr. 18.
Morazan, Daniel. (See Nordman, H. J., and Morazan.)
Morcate, Angel, Montevideo, Uruguay. Ventilated filler sole. 2,174,473; Sept. 26.
Morck, Alfred A., New York, N. Y. Vending machine. 2,182,639; Dec. 5.
Morcom, John H., Long Beach, Calif. Eraser. 2,178,080; Oct. 31.
Morea, Benny, Flushing, and J. F. Hennessy, Valley Stream, N. Y. Scalp protector. 2,146,589; Feb. 7.
Moreau, Jules, Paris, France. Lubricant retaining device. 2,156,398; May 2.
Morch, Sláva. (See Sochor, Z., Kvasnička, and Morch.)
Morehead, French H. (See Loughner, F. E., and Morehead.)
Morehead, James A., Huntington, W. Va., assignor to S. M. Dover, Chicago, Ill. Lamp lens. 2,147,914; Feb. 21.
Morehouse, Eugene, Providence, R. I., assignor to B. A. Ballou & Co., Inc. Catch or joint. 2,147,608; Feb. 14.
Morehouse, Eugene, Providence, R. I., assignor to B. A. Ballou & Co., Inc. Finding for a pin stem joint or catch and making the same. 2,162,820; June 20.
Morehouse, Eugene, Providence, R. I., assignor to B. A. Ballou & Co., Inc. Combined attaching eye and pin stem joint or safety catch. 2,164,018; June 27.
Morehouse, Louie H., Los Angeles, Calif. Colloid mill. 2,147,821; Feb. 21.
Morehouse, Silas A., Glendale, Calif., assignor, by mesne assignments, to United Aircraft Corporation, East Hartford, Conn. Control system. 2,173,913; Sept. 26.
Morehouse, Terry B., Short Beach, Conn. Educational device. 2,149,459; Mar. 7.
Moreland, Banks G., Houston, Tex. Clamp. 2,144,164; Jan. 17.
Morelite Company. (See Nickelsburg, Sidney, assignor.)
Morella, Frank, assignor of one-fourth to H. C. Bennallack, Milwaukee, Wis. Speed changing mechanism. 2,153,151; Apr. 4.
Morelli, Alfred A., Ridgway, Pa. Pad. 2,161,720; June 6.
Morelli, Eugenio, Rome, Italy. Reflecting apparatus for the observation of radiographic diascopic images. 2,145,365; Jan. 31.
Moren, Theodore, Chicago, Ill. Game. 2,170,909; Aug. 29.
Moren, William V. (See Peterson, C. H., and Moren.)
Moreno, Gabriel G., Los Angeles, Calif., assignor to C M C Corporation, New York, N. Y. Prismatic screen. 2,182,993; Dec. 12.
Moreton, Henry H., Laguna Beach, Calif. Destroying sewage. 2,169,160; Aug. 8.
Moreton, Henry H., Santa Monica, Calif. Destroying sewage. 2,175,300; Oct. 10.
Moreton, Henry H., Santa Monica, Calif. Destroying refuse matter. 2,175,301; Oct. 10.
Moreton, Henry H., Santa Monica, Calif. Cement. 2,176,862; Oct. 17.
Moreton, Henry H., Montclair, N. J. Method and apparatus for destroying sewage. 2,183,463; Dec. 12.

Moretti, Whitfield, Millers Falls, assignor to Millers Falls Company, Greenfield, Mass. Clutch mechanism. 2,184,394; Dec. 26.
Morey, Arthur H., Erie, Pa., assignor to General Electric Company. Dynamo-electric machine. 2,153,386; Apr. 4.
Morey, George W., Chevy Chase, Md., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Optical glass. Re. 21,175; Aug. 15.
Morey, George W., Chevy Chase, Md., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Optical glass. 2,150,694; Mar. 14.
Morey, James J., Bloomfield, N. J., assignor to H. H. Fries, doing business as Fries Bros., New York, N. Y. Combination radio receiver-hearing aid unit. 2,159,632; May 23.
Morey, Roger G., Madison, Wis., assignor to Burgess Battery Company, Chicago, Ill. Ventilating construction. 2,180,945; Nov. 21.
Morgan, Albert T., Vallejo, Calif. Measuring tip clearance of steam turbines. 2,164,339; July 4.
Morgan, Clyde H., Lakewood, Ohio, and A. O. Blumburg, Washington, D. C. Target. 2,164,340; July 4.
Morgan Construction Company. (See Fors, Eric H., assignor.)
Morgan Construction Company. (See Hawthorne, Charles W., assignor.)
Morgan Construction Company. (See Merkt, Gustav A., assignor.)
Morgan Concentrating Company. (See Morgan, Dwight C., Jr., and T. H., assignors.)
Morgan Construction Company. (See Morgan, M., and Sheperdson, assignors.)
Morgan Construction Company. (See Morgan, Myles, assignor.)
Morgan Construction Company. (See Rich, C. A., and Palmer, assignors.)
Morgan Construction Company. (See Sheperdson, John W., assignor.)
Morgan, David H., assignor to Truscon Steel Company, Youngstown, Ohio. Bracing and operating means for closures. 2,159,040; May 23.
Morgan, David W. R. (See Tuley, C. B., and Morgan.)
Morgan, David W. R., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Condenser. 2,142,367; Jan. 3.
Morgan, Dwight C., Jr., and T. H., Kittanning, Pa., assignors, by mesne assignments, to Morgan Concentrating Company, Wilmington, Del. Apparatus and method for the separation of dry materials. 2,155,235; Apr. 18.
Morgan, Edward B., Philadelphia, Pa. Shoehorn. 2,171,310; Aug. 29.
Morgan Engineering Company, The. (See Ball, Harvey W., assignor.)
Morgan Engineering Company, The. (See Frick, Alfred, assignor.)
Morgan, Erving B., assignor to American Seating Company, Grand Rapids, Mich. Seat structure. 2,159,098; May 23.
Morgan, Erving B., and J. M. Ver Meulen, assignors to American Seating Company, Grand Rapids, Mich. Seat structure. 2,146,310; Feb. 7.
Morgan, Ezra J., assignor, by mesne assignments, to Meritor Chemical Company, Chicago, Ill. Aqueous heat transfer liquid. 2,150,936; Mar. 21.
Morgan, Frank, Healdton, Okla. Device for shouldering well drill pipes. 2,159,287; May 23.
Morgan, Frank, Healdton, Okla. Work centering and holding machine. 2,159,288; May 23.
Morgan, George C., Birmingham, Ala., assignor to Continental Gin Company. Gin rib. 2,143,657; Jan. 10.
Morgan, George C., Birmingham, Ala., assignor to Continental Gin Company. Indicating adjustment for seed boards of linter gin breasts. 2,149,145; Feb. 28.
Morgan, George C., Birmingham, Ala., assignor to Continental Gin Company. Gin rib mounting. 2,149,146; Feb. 28.
Morgan, Harry F. (See Mellinger, Arthur G., assignor.)
Morgan, James M., Bristow, Okla. Crossing guard. 2,175,636; Oct. 10.
Morgan, John D., South Orange, assignor to Power Patents Company, Hillside, N. J. Immersion heater. 2,146,402; Feb. 7.
Morgan, John D., South Orange, assignor to Power Patents Company, Hillside, N. J. Glaze. 2,170,387; Aug. 22.
Morgan, John D., South Orange, assignor to Power Patents Company, Hillside, N. J. Zirconia zircon silicon refractory. 2,179,982; Nov. 14.
Morgan, John D., South Orange, assignor to Power Patents Company, Hillside, N. J. Electric hot plate. 2,180,602; Nov. 21.
Morgan, John D., South Orange, assignor to Power Patents Company, Hillside, N. J. Electrical heating iron and making the same. 2,180,603; Nov. 21.
Morgan, John D., South Orange, and T. Anderson, Elizabeth, assignors to Power Patents Company, Hillside, N. J. Brake testing. 2,155,674; Apr. 25.
Morgan, John D., South Orange, N. J., and R. E. Lowe, New York, N. Y., assignors to Power Patents Company, Hillside, N. J. High temperature refractory. 2,158,035; May 9.
Morgan, John D., South Orange, N. J., and R. E. Lowe, New York, N. Y., assignors to Power Patents Company, Hillside, N. J. Insulating material and process of manufacture. 2,161,186; June 6.
Morgan, John D., South Orange, N. J., and R. E. Lowe, New York, N. Y., assignors to Power Patents Company, Hillside, N. J. Manufacture of ceramic tubing. 2,171,006; Aug. 29.
Morgan, John E. H., and V. J. F. Donnelly, London, England. Case or container for cigarettes and like articles. 2,184,803; Dec. 26.
Morgan, John G., Collingdale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Brazing turbine blades. 2,166,998; July 25.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Heater. 2,178,894; Nov. 7.
Morgan, John S., Jr., Inglewood, Calif., assignor, by mesne assignments, to The National Supply Company, Pittsburgh, Pa. Draw works. 2,161,075; June 6.
Morgan, Joseph B., Flushing, assignor to Jabez Burns & Sons, Inc., New York, N. Y. Granulating apparatus. 2,142,203; Jan. 3.
Morgan, Launcelot R., Tucson, Ariz. Spray. 2,156,655; May 2.
Morgan, Leslie B. (See Habgood, B. J., Hill, and Morgan.)
Morgan, Leslie B. (See Habgood, B. J., and Morgan.)
Morgan, M., and J. W. Sheperdson, assignors to Morgan Construction Company, Worcester, Mass. Shearing mechanism. 2,157,000; May 2.
Morgan, Myles, assignor to Morgan Construction Company, Worcester, Mass. Method of and apparatus for reeling strip material. 2,161,076; June 6.
Morgan, Myles, assignor to Morgan Construction Company, Worcester, Mass. Retention of bearings in roll housings and the like. 2,184,463; Dec. 26.
Morgan, Porter S., assignor, by mesne assignments, to Bohleber & Ledbetter, New York, N. Y. Fluid-handling apparatus. 2,166,530; July 18.
Morgan, Porter S., assignor, by mesne assignments, to Bohleber & Ledbetter, New York, N. Y. Operating registers for fluid dispensing systems. 2,166,531; July 18.
Morgan, Raymond B., Honiton, England, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Glow discharge device. 2,165,805; July 11.
Morgan, Rees C., Bethlehem, Pa., assignor to Bethlehem Steel Company. Grabhook. 2,148,911; Feb. 28.
Morgan, Reginald H. T. (See Cohen, A., Morgan, and Goldstein.)
Morgan, Thomas H. (See Morgan, Dwight C., Jr., and T. H.)
Morgan, Willard L. (See Wallach, R. N., and Morgan.)
Morgan, Willard L. (See Walsh, J. F., and Morgan.)
Morgan, Willard L., Calumet City, Ill., assignor to American Maize-Products Company. Adhesive composition. 2,170,273; Aug. 22.
Morgan, Willard L., Calumet City, Ill., assignor to American Maize-Products Company. Baking powder. 2,170,274; Aug. 22.
Morgan, Willard L., Hammond, Ind., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Preparing adhesive sheets. 2,170,949; Aug. 29.
Morgan, Willard L., Calumet, Ill., and A. H. Goodman, Hammond, Ind., assignors to American Maize-Products Company. Making a purified sodium lactate. 2,143,361; Jan. 10.
Morgan, William. (See Wilkinson, J. W., Morgan, and Aldham.)
Morgan, William L., Brockley, London, England. Suspender for socks or stockings. 2,151,389; Mar. 21.
Morgan, William P. (See Hammond, Michael F., assignor.)
Morgen, Sigurd P., assignor to The American Hardware Corporation, New Britain, Conn. Door check. 2,152,814; Apr. 4.
Morgenstern, David M., Shaker Heights, and J. Brasty, Maple Heights, Ohio. Insulator. 2,158,012; May 9.
Morgero, Vito, Providence, R. I. Stucco cement composition. 2,179,754; Nov. 14.
Morhard, Josef. (See Rosenfeld, H., and Morhard.)
Mōri, Kanjiro, Shigaken, Japan. Rice cleaning machine. 2,173,630; Sept. 19.
Moriarty, Benedict E., Kenosha, Wis. Curtain rod and bracket. 2,170,570; Aug. 22.
Moriarty, George A., San Diego, Calif. Foot protector. 2,157,423; May 9.
Moriarty, George A., San Diego, Calif. Antislipping device. 2,160,601; May 30.
Moriarty, Wilson H., Shaker Heights, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Grate bar. 2,162,741; June 20.
Morin, Fernando A. (See Steele, E. W., and Morin.)
Morin, George G., and E. J. Carleton, Holyoke, Mass.; said Carleton assignor to said Morin. Dipper trip and tag line winder. 2,167,769; Aug. 1.
Morin, George G., and E. J. Carleton, Holyoke, Mass. Clutch mechanism. 2,176,468; Oct. 17.
Morin, Henri. (See Wilson, A. L., and Morin.)
Morin, Louis H. (See Marinsky, D., and Morin.)
Morin, Louis H., New York, N. Y., assignor to Coca-Cola Company, Atlanta, Ga. Electrically operated vending machine. 2,143,790; Jan. 10.

Morin, Louis H., Bronx, assignor to Whitehall Patents Corporation, New York, N. Y. Discharge device for casting machines. 2,145,553; Jan. 31.
Morin, Louis H., Bronx, N. Y., assignor to The Coca-Cola Company, Wilmington, Del. Vending machine. 2,150,863; Mar. 14.
Morin, Louis H., assignor to Whitehall Patents Corporation, Bronx, N. Y. Noncrushing slider. 2,164,938; July 4.
Morin, Louis H., assignor to Whitehall Patents Corporation, Bronx, N. Y. Initialed pull for separable fasteners. 2,181,281; Nov. 28.
Morin, Louis H., and D. Marinsky, Bronx, assignors to Whitehall Patents Corporation, New York, N. Y. Coupling link for separable fasteners. 2,170,421; Aug. 22.
Morin, Louis H., and D. Marinsky, assignors to Whitehall Patents Corporation, Bronx, N. Y. Automatic lock slider. 2,172,217; Sept. 5.
Morisette, Clem L. (See Atkinson, G. F., and Morisette.)
Morisi, John. (See Holzknecht, Felix, assignor.)
Morison, George S., assignor, by mesne assignments, to R. D. Christie, Pittsburgh, Pa. Constant-fit bearing. 2,155,766; Apr. 25.
Moritz, Adrian J. L., assignor to American Enka Corporation, Enka, N. C. Manufacture of artificial silk. 2,155,324; Apr. 18.
Moritz, Adrian J. L., and W. J. D. van Dobbenburgh, Enka, and A. E. Sunderland and G. I. Thurmond, Asheville, assignors to American Enka Corporation, Enka, N. C. Treatment of artificial silk. 2,172,516; Sept. 12.
Moritz, Robert F., Laurel Springs, N. J., assignor to Samuel M. Langston Co. Device for making box blanks. 2,181,197; Nov. 28.
Morken, Edward F., Fort Wayne, Ind. Garment spotting machine. 2,174,387; Sept. 26.
Morkoski, James, Canton, Ill., assignor to International Harvester Company. Ground-working implement. 2,159,669; May 23.
Morkoski, James, Canton, Ill., assignor to International Harvester Company. Implement lifting mechanism. 2,172,983; Sept. 12.
Morkoski, James, Canton, Ill., assignor to International Harvester Company. Implement. 2,172,985; Sept. 12.
Morkoski, James, Canton, Ill., assignor to International Harvester Company. Regulating mechanism. 2,184,431; Dec. 26.
Morkovski, James. (See Lindgren, A. C., and Morkovski.)
Morland & Impey Limited. (See Power, Richard Fitz, assignor.)
Morley, Charles E., Detroit, Mich. Clothes hanger for automobiles. 2,157,001; May 2.
Morley, Joseph, assignor of one-fourth to F. J. McKane, Los Angeles, Calif. Safetypin. 2,145,313; Jan. 31.
Morley, Walter H., Winnipeg, Manitoba, Canada. Tufting a mattress. 2,146,084; Feb. 7.
Morlock, Harry A., Buffalo, N. Y. Furnace roof construction. 2,158,759; May 16.
Morral, Samuel E. and W. W., Morral, Ohio. Corn husking machine. 2,179,579; Nov. 14.
Morral, William W. (See Morral, Samuel E. and W. W.)
Morrell, George, Corporation. (See Delorme, Jean, assignor.)
Morrell, Jacque C. (See Grosse, A. V., and Morrell.)
Morrell, Jacque C., Oak Park, Ill. Building construction. 2,158,081; May 16.
Morrell, Jacque C., Oak Park, Ill. Building construction. 2,158,082; May 16.
Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,143,894; Jan. 17.
Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,149,860; Mar. 7.
Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Dehydrogenation of hydrocarbons. 2,157,939; May 9.
Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,166,820; July 18.
Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of gaseous paraffin hydrocarbons. 2,169,809; Aug. 15.
Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,170,336; Aug. 22.
Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Polymerization of olefins. 2,172,542; Sept. 12.
Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of automotive fuel. 2,176,353; Oct. 17.
Morrell, Jacque C., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of diolefins. 2,178,601; Nov. 7.
Morrell, Jacque C., and A. V. Grosse, assignors to Universal Oil Products Company, Chicago, Ill. Dehydrogenation of hydrocarbons. 2,148,129; Feb. 21.
Morrell, Jacque C., and A. V. Grosse, assignors to Universal Oil Products Company, Chicago, Ill. Dehydrogenation of hydrocarbons. 2,152,908; Apr. 4.
Morrell, Jacque C., and A. V. Grosse, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,157,940; May 9.
Morrell, Jacque C., and A. V. Grosse, assignors to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,157,941; May 9.
Morrell, Jacque C., and A. V. Grosse, assignors to Universal Oil Products Company, Chicago, Ill. Manufacture of diolefins. 2,178,602; Nov. 7.
Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe machine. 2,155,438; Apr. 25.
Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe machine. 2,162,026; June 13.
Morrill, Alfred R., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe machine. 2,165,146; July 4.
Morrill, John H. (See Singer, Henry, assignor.)
Morrill, Richard R., San Jose, Calif. Brooder. 2,167,956; Aug. 1.
Morrill, Wayne J., Fort Wayne, Ind., assignor to General Electric Company. Dynamo-electric machine. 2,151,561; Mar. 21.
Morrill, Wayne J., Fort Wayne, Ind., assignor to General Electric Company. Hysteresis torque motor. 2,183,404; Dec. 12.
Morrill, Wayne J., and C. P. Pepper, Fort Wayne, Ind., assignors to General Electric Company. Switch. 2,149,096; Feb. 28.
Morrill, Wayne J., and E. J. Schaefer, Fort Wayne, Ind., assignors to General Electric Company. Apparatus for starting electric motors. 2,185,130; Dec. 26.
Morrill, Weston, Pittsfield, Mass., assignor to General Electric Company. Alkaline coating for sheet steel. 2,150,777; Mar. 14.
Morris, Alan G., and T. C. Riggs, London, England. Diaphragm pump. 2,148,957; Feb. 28.
Morris, Albert W., Springfield, Mass., assignor to Morris Engineering Corporation. Casting machine. 2,143,082; Jan. 10.
Morris, Albert W., Sprinfield, Mass., assignor to Morris Engineering Corporation. Metal casting. 2,179,513; Nov. 14.
Morris, Anthony W., Spokane, Wash. Tenon cutter. 2,167,082; July 25.
Morris, Charles E., Hampton, Va. Score card. 2,169,536; Aug. 15.
Morris, Charles E., Newport News, Va. Binding device and pencil support. 2,171,188; Aug. 29.
Morris Commercial Cars Limited. (See Rose, Percy G., assignor.)
Morris, Donald W., assignor to Twin Disc Clutch Company, Racine, Wis. Clutch mechanism. 2,168,960; Aug. 8.
Morris, Earl S., Seattle, Wash. Ventilating attachment for toilets. 2,151,138; Mar. 21.
Morris, Edwin J. (See Myers, M. L., and Morris.)
Morris, Elmer C., Chicago, Ill., assignor to Marathon Paper Mills Company, Rothschild, Wis. Napkin dispenser. 2,153,472; Apr. 4.
Morris, Elmer J., assignor to Durkee-Atwood Company, Minneapolis, Minn. Radiator screen. 2,173,338; Sept. 19.
Morris Engineering Corporation. (See Morris, Albert W., assignor.)
Morris, Frank P., Detroit, Mich. Chuck. 2,177,326; Oct. 24.
Morris, Fred E., Vernalis, assignor to Meridian, Ltd., Los Angeles, Calif. Apparatus for arranging fruit halves. 2,155,612; Apr. 25.
Morris, George. (See Freer, R. M., and Morris.)
Morris, George B., et al. (See Medenwald, Arthur L., assignor.)
Morris, George H., Bangor, Saskatchewan, Canada. Rod weeder. 2,176,541; Oct. 17.
Morris, George W., Jr., assignor to National Office Supply Company, Waukegan, Ill. Apparatus for producing high light in half-tones. 2,145,427; Jan. 31.
Morris, Irwin M., Esom Hill, Ga. Cultivator. 2,145,188; Jan. 24.
Morris, Isaac T., Vancouver, British Columbia, Canada. Gauge. 2,151,611; Mar. 21.
Morris, James Y., Lexington, N. C. Game and apparatus therefor. 2,159,174; May 23.
Morris, John P., La Grange, Ill. Crank throw grinding device. 2,151,139; Mar. 21.
Morris, Joseph L., Reading, Pa., assignor to Pyramid Manufacturing Co., Inc., New York, N. Y. Forming flat knit material. 2,145,522; Jan. 31.
Morris, Joseph R., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Sheet glass breaking apparatus. 2,150,391; Mar. 14.
Morris, Louis, Kansas City, Mo. Hair comb attachment and cleaner. 2,177,907; Oct. 31.
Morris, Marion W., assignor to R-B-M Manufacturing Company, Logansport, Ind. Double terminal connector. 2,147,915; Feb. 21.
Morris, Marion W., assignor to R-B-M Manufacturing Company, Logansport, Ind. Switch. 2,151,612; Mar. 21.
Morris, Nathan, assignor to American Instrument Company, Silver Spring, Md. Portable refrigerating unit. 2,159,907; May 23.
Morris, Nathan, assignor to American Instrument Company, Silver Spring, Md. Thermostatic switch for scientific baths. 2,164,282; June 27.

Morris Packaging Equipment Company. (See Heft, K. G., and Rapp, assignors.)
Morris Packaging Equipment Company. (See Ness, Edward F., assignor.)
Morris Paper Mills. (See Gamble, Wilfred M., assignor.)
Morris Paper Mills. (See Powell, Henry K., assignor.)
Morris Paper Mills. (See Reitzel, James A., assignor.)
Morris Paper Mills. (See Walker, Paul, assignor.)
Morris, Paul, Chattanooga, Tenn. Surveying instrument. 2,179,514; Nov. 14.
Morris, Robert M., Millburn, and C. P. Sweeny, Teaneck, N. J., assignors to Radio Corporation of America. Ultra short wave system. 2,143,658; Jan. 10.
Morris, Russell L., Minneapolis, Minn. Certified specification test container. 2,173,761; Sept. 19.
Morris, Thomas W., Chicago, Ill. Trimming apparatus for molded rubber articles. 2,180,604; Nov. 21.
Morris, Warren A. (See Rowe, W. W., and Morris.)
Morris, Will E. (See Miller, R. A., and Morris.)
Morris, William C., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Percussive tool. 2,154,765; Apr. 18.
Morris, William J., La Salle, Ill., assignor, by mesne assignments, to General Time Instruments Corporation, New York, N. Y. Vehicle signaling system. 2,159,598; May 23.
Morris, William L. (See Laddaga, Joseph, assignor.)
Morris, Winthrop B., Matawan, N. J. Frame. 2,143,608; Jan. 10.
Morrisett, O. L., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Apparatus for multiple stage cementing. 2,169,568; Aug. 15.
Morrison, Andrew E. (See Behrens, H. J., Bemis, Greer, and Morrison.)
Morrison Brothers Company. (See Glab, William N., assignor.)
Morrison, Charles A. (See McFarlane, J. W., and Morrison.)
Morrison, Charles C. (See Conway, C. C., Jr., and Morrison.)
Morrison, Charles C., assignor to Binney and Smith Co., New York, N. Y. Dry color painting. 2,147,310; Feb. 14.
Morrison, Charles C., assignor to Continental Can Company, Inc., New York, N. Y. Dispensing container. 2,152,600; Mar. 28.
Morrison, Charles S., Elkins Park, assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Leather frame. 2,154,347; Apr. 11.
Morrison, Charles T., and H. T. Eastman, Chicago, Ill. Concentration of ores. 2,161,425; June 6.
Morrison, Ethel H. (See Kline, Walter, assignor.)
Morrison, Frank A., et al., trustees. (See Dahl, Edward T., assignor.)
Morrison, George O., and A. F. Price, Shawinigan Falls, Quebec, assignors to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Making vinyl-acetal resins. 2,168,827; Aug. 8.
Morrison, George O., and A. F. Price, Shawinigan Falls, Quebec, assignors to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Making vinyl resins. 2,176,859; Oct. 17.
Morrison, George O., and A. F. Price, Shawinigan Falls, Quebec, assignors to Shawinigan Chemicals Limited, Montreal, Quebec, Canada. Making polyvinyl acetal resins. 2,179,051; Nov. 7.
Morrison, Gordon M., San Mateo, Calif. Bone drill device. 2,144,342; Jan. 17.
Morrison, Harry, Pittsburgh, Pa. Abrasive tool guiding apparatus. 2,181,604; Nov. 28.
Morrison, James J., and J. F. Howe, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Submarine barrier. 2,170,481; Aug. 22.
Morrison, John F., Boonton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Antenna system. 2,153,768; Apr. 11.
Morrison, John R., Hampton, Va. Tablet for typewriting machines. 2,166,016; July 11.
Morrison, John R., Hudson, Ohio. Heating unit. 2,171,275; Aug. 29.
Morrison, John R., Hudson, Ohio, and K. B. Lewis, Worcester, Mass. Rod baking equipment. 2,156,303; May 2.
Morrison, John R., Hampton, Va., and R. E. Babcock, Baltimore, Md.; said Babcock assignor to The Baltimore Salesbook Company. Separating handysets and piles and apparatus therefor. 2,158,727; May 16.
Morrison, Julian K., Rome, Ga. Cloth house. 2,143,659; Jan. 10.
Morrison, Luther E., New York, N. Y., assignor to Mergenthaler Linotype Company. Typographical composing machine. 2,144,431; Jan. 17.
Morrison, Okey J., Charleston, W. Va. Road marker. 2,163,346; June 20.
Morrison, Philip. (See Greenberg, H., and Morrison.)
Morrison, Robert F. (See Marchev, A., and Morrison.)
Morrison, Robert F., Oak Park, assignor to Ditto, Incorporated, Chicago, Ill. Duplicating machine. 2,144,076; Jan. 17.
Morrison, Willard L., Lake Forest, Ill. Air cooling and circulating device. 2,154,466; Apr. 18.
Morrison, Willard L., Lake Forest, Ill. Controlling means for cooling systems of internal combustion engines. 2,155,439; Apr. 25.
Morrison, Willard L., Lake Forest, Ill. Automobile radiator cooling apparatus. 2,159,599; May 23.
Morrison, Willard L., Lake Forest, Ill. Bumper device. 2,160,439; May 30.
Morrison, Willard L., Lake Forest, Ill. Automobile. 2,171,801; Sept. 5.
Morrison, Willard L., Lake Forest, assignor to The Dole Valve Company, Chicago, Ill. Circulatory cooling system for internal combustion engines. 2,152,526; Mar. 28.
Morrison, Willard L., Chicago, Ill. Window for vehicles. 2,164,341; July 4.
Morrison, Willard L., Chicago, Ill. Window construction for automobiles. 2,164,342; July 4.
Morrison, William A., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. Y. Muffler. 2,152,205; Mar. 28.
Morrison, William A., Easton, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Muffling device. 2,166,218; July 18.
Morrison, William J. (See Wessborg, E. S., and Morrison.)
Morrison, Willie C. L., assignor of one-half to W. F. and J. E. Kelley, Evergreen, Ala. Musical instrument. 2,162,339; June 13.
Morrissey, Joseph V., Waukegan, Ill., assignor to Cyclone Fence Company. Expansion joint coupling. 1,143,818; Jan. 10.
Morrissey, Martin A., and A. F. Moore, Brighton, Mass., assignors of one-fourth to Oliver United Filters Incorporated, San Francisco, Calif. Preparing concrete. 2,167,156; July 25.
Morrissey, Michael V., Bayside, N. Y. Arrangement for the composition of characters. 2,145,946; Feb. 7.
Morrissey, William J., Brooklyn, N. Y. Apparatus for synchronizing pictures with sound. 2,142,141; Jan. 3.
Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Control mechanism for water heaters and the like. 2,151,562; Mar. 21.
Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Draft regulator. 2,167,182; July 25.
Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Draft hood for water heaters or the like. 2,180,212; Nov. 14.
Morrow, Donald G., assignor to Hercules Powder Company, Wilmington, Del. Zinc sulphide pigment. 2,145,815; Jan. 31.
Morrow, Harry C., Gary, Ind. Protective temperature measuring device for pickling tanks. 2,148,706; Feb. 28.
Morrow, Homer B., and G. W. Walker, Platteville, Wis. Radiator used with internal combustion engines. 2,170,214; Aug. 22.
Morsbach, Edward A. (See Johnson, Evar, assignor.)
Morsbach, Kurt, Berlin-Grunewald, and K. Raschke, Berlin, Germany, assignors, by mesne assignments, to Camera Patents Corporation, Ridgewood, N. J. Film holder for photographic cameras. 2,159,998; May 30.
Morsbach, Kurt, deceased, Berlin (S. Morsbach, sole heiress, Berlin-Halensee), and K. Raschke, Berlin, Germany, assignors to Camera Patents Corporation, Ridgewood, N. J. Film-handling apparatus. 2,175,538; Oct. 10.
Morsbach, Sigrid, sole heiress. (See Morsbach, K., and Raschke, assignors.)
Morschel, Heinrich. (See Broeg, W., and Morschel.)
Morschel, Heinrich, Cologne-Deutz, and O. Goll, Leverkusen-I. G. Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dihydrobenzocarbazole compounds. 2,161,524; June 6.
Morse Andrews Co. (See O'Brien, Jerome E., assignor.)
Morse, Arthur H., assignor to The Baldwin Company, Cincinnati, Ohio. Piano action connection. 2,167,670; Aug. 1.
Morse, Arthur H., and E. J. Schneider, assignors to The Baldwin Company, Cincinnati, Ohio. Grand piano action. 2,172,253; Sept. 5.
Morse Bros. Machinery Company. (See Weinig, Arthur J., assignor.)
Morse, Bert. (See Coppel, C. R., Morse, and Riseley.)
Morse Chain Company. (See Moorhouse, Alfred, assignor.)
Morse Chain Company. (See Sloan, Lon, assignor.)
Morse, Clarence W. (See Morse, Lulan S. and C. W.)
Morse, Clark T., assignor to American Blower Corporation, Detroit, Mich. Air conditioning apparatus. 2,153,267; Apr. 4.
Morse, Earle H. (See Mack, E. L., and Morse.)
Morse, Earle H., Nutley, N. J., W. S. Johnston, New York, and E. L. Mack, Douglaston, assignors to Reynolds Research Corporation, New York, N. Y. Rubber hydrohalides and preparing the same. 2,158,760; May 16.
Morse, George H., Arlington, Va. Slide rule. 2,158,476; May 16.
Morse, James W., Lansing, Mich., assignor to Food Machinery Corporation, San Jose, Calif. Strainer box. 2,168,039; Aug. 1.
Morse, James W., Lansing, Mich., assignor to Food Machinery Corporation, San Jose, Calif. Balance tester. 2,176,269; Oct. 17.
Morse, Leander C. (See Liddell, W. J., and Morse.)
Morse, Leslie G., Randolph, Vt., and B. B. D'Ewart, Worcester, Mass. Refrigeration system. 2,155,144; Apr. 18.

Morse, Lulan S. and C. W., Santa Monica, Calif. Venetian blind. 2,165,292; July 11.
Morse, Lynn H., Natick, assignor to Scully Signal Company, Cambridge, Mass. Tank alarm. 2,143,492; Jan. 10.
Morse, Richard S. (See McLeod, J. H., and Morse.)
Morse, Richard S., assignor to Eastman Kodak Company, Rochester, N. Y. Sound reproduction. 2,158,193; May 16.
Morse, Richard S., assignor to Eastman Kodak Company, Rochester, N. Y. Sound motion picture reproducing apparatus. 2,180,014; Nov. 14.
Morse, Robert G. (See Adams, A. A., and Morse.)
Morse, Robert V., Ithaca, N. Y. Power transmission. 2,184,395; Dec. 26.
Morse, Shirley P., East Haven, assignor to The A. C. Gilbert Company, New Haven, Conn. Fruit juice extracting and straining appliance. 2,160,388; May 30.
Morse, Stanley H. (See Higham, W. W., and Morse.)
Morse, Sterne, Richmond Heights, Ohio. Method of and apparatus for absorption of gases in liquids. 2,150,452; Mar. 14.
Morse, Walter R., assignor to The Stanley Works, New Britain, Conn. Hinge. 2,154,860; Apr. 18.
Morse, Wilson M., Waterford, Maine. Pruning saw. 2,147,986; Feb. 21.
Morsing, William, Irvington, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for making cable. 2,156,952; May 2.
Mortell, J. W., Company. (See Scheurer, Oliver R., assignor.)
Mortell, J. W., Company. (See Torri, Joseph A., assignor.)
Mortensen, Harry R., Moorhead, Iowa. Check pad holder. 2,160.889; June 6.
Mortensen, Rasmus P., Copenhagen, Denmark, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,180,930; Nov. 21.
Morterud, Einar, Olso, Norway. Circulation system for wood pulp digesters. 2,179,796; Nov. 14.
Mortimer, Harry E., St. Louis, Mo. Adjustable blind. 2,152,705; Apr. 4.
Morton, Alexander M., Monessen, Pa. Open-hearth furnace. 2,182,674; Dec. 5.
Morton, Alexander M., Belle Vernon, Pa. Metallurgical furnace. 2,182,675; Dec. 5.
Morton, Avery A., Watertown, Mass., and I. Hechenbleikner, Charlotte, N. C. Preparation of organosodium compounds. 2,163,846; June 27.
Morton, Edmund R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Adjusting vibrating systems. 2,183,655; Dec. 19.
Morton, Eric A., Coventry, assignor to Courtaulds, Limited, London, England. Manufacture and production of alkali cellulose. 2,149,178; Feb. 28.
Morton, Eric A., Coventry, assignor to Courtaulds, Limited, London, England. Manufacture of artificial threads, filaments, and the like. 2,152,620; Mar. 28.
Morton, Eric A., Coventry, assignor to Courtaulds Limited, London, England. Apparatus for twisting filaments, threads, bands, and the like. 2,173,762; Sept. 19.
Morton, George A. (See Flory, L. E., and Morton.)
Morton, George A. (See Massa, E. A., and Morton.)
Morton, George A., Audubon, N. J., assignor to Radio Corporation of America. Electronic oscillator. 2,147,454; Feb. 14.
Morton, George A., Haddon Heights, N. J., assignor to Radio Corporation of America. Television transmitting tube. 2,149,977; Mar. 7.
Morton, George A., Haddon Heights, and L. E. Flory, Oaklyn, N. J., assignors to Radio Corporation of America. Electric discharge device. 2,165,806; July 11.
Morton, George A., Haddon Heights, N. J., assignor to Radio Corporation of America. Electron multiplier. 2,174,162; Sept. 26.
Morton, George A., Haddon Heights, N. J., and A. W. Vance, Philadelphia, Pa., assignors to Radio Corporation of America. Television transmitting tube. 2,180,946; Nov. 21.
Morton, Harry E., assignor to B. F. Sturtevant Company, Inc., Boston, Mass. Distributor head. Re. 20,964; Jan. 3.
Morton, Harry E., Boston, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Engine cooling system. 2,160.980; June 6.
Morton, Henry E., Muskegon Heights, Mich. Keyway cutting tool. 2,154,576; Apr. 18.
Morton, Henry E., Muskegon Heights, Mich. Work locating and tool guiding means for keyway forming devices. 2,180,477; Nov. 21.
Morton, James, R. S. E. Hannay, and W. L. C. Carter, Carlisle, assignors to F. N. F. Limited, Croydon, England. Knitting machinery. 2,143,609; Jan. 10.
Morton, James, and R. S. E. Hannay, Carlisle, assignors to F. N. F. Limited, Purley Way, Croyden, England. Knitting machinery. 2,155,145; Apr. 18.
Morton, James, and R. S. E. Hannay, Carlisle, assignors to F. N. F. Limited, Purley Way, Croyden, England. Knitting machinery. 2,155,146; Apr. 18.
Morton, James, and W. L. C. Carter, Carlisle, assignors to F. N. F. Limited, Gloucester, England. Knitting machinery. 2,167,408; July 25.
Morton, Lysle W. (See Sabbah, C. A., and Morton.)
Morton Salt Co. (See Warren, R. P., and Peterkin, assignors.)
Morton, Wade D., Philadelphia, Pa., and W. E. Haupt, Brooklawn, assignors to Automatic Drive & Transmission Company, Gloucester City, N. J. Automatic clutch mechanism. 2,171,837; Sept. 5.
Morton, William. (See Lytle, A. R., and Morton.)
Morton, William, Niagara Falls, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Welding apparatus. 2,149,861; Mar. 7.
Morton, William A. (See Spencer, H. F., and Morton.)
Morton, William A., Mount Lebanon, assignor to Amco, Incorporated, Pittsburgh, Pa. Composite tumbler. 2,169,426; Aug. 15.
Morton, William A., Mount Lebanon, assignor to Amco, Incorporated, Pittsburgh, Pa. Open hearth furnace. 2,176,270; Oct. 17.
Morton, William A., Mount Lebanon, and H. F. Spencer, assignors to Amco, Incorporated, Pittsburgh, Pa. Recuperative soaking pit furnace. 2,169,425; Aug. 15.
Morton, William A., Mount Lebanon, and H. F. Spencer, Pittsburgh, assignors to Amco, Incorporated, Pittsburgh, Pa. Open hearth furnace. 2,173,592; Sept. 19.
Morton, William P., Indianapolis, Ind. Apparatus for producing biscuits. 2,149,537; Mar. 7.
Morton, William P., Indianapolis, Ind. Producing biscuits. 2,149,538; Mar. 7.
Morue, George C., Maud, Okla. Tubing rack. 2,167,584; July 25.
Morway, Arnold J., Roselle, and J. C. Zimmer, Hillside, N. J., assignors to Standard Oil Development Company. Adherent greases and method for manufacturing the same. 2,160,162; May 30.
Morway, Arnold J., Roselle, and F. L. Miller, Roselle Park, N. J., assignors to Standard Oil Development Company. High molecular weight halogenated organic compounds and preparing same. 2.181,144; Nov. 28.
Mosca, Antonio, Troy, N. Y. Fur glazing machine. 2,169,427; Aug. 15.
Moschel, Herman. (See Jones, F. D., and Moschel.)
Moscowitz, Abraham, New York, N. Y., assignor to L. Sonneborn Sons, Inc. Rayon crepes and their manufacture. 2,151,711; Mar. 28.
Mose, Josef F., Point Loma, Calif. Swivel electric connection. 2,181,145; Nov. 28.
Mosel, Joseph H., assignor to The Jaeger Machine Company, Columbus, Ohio. Apparatus for building roads. 2,159,509; May 23.
Mosel, Joseph H., assignor to The Jaeger Machine Company, Columbus, Ohio. Road-building apparatus. 2.162,665; June 13.
Mosel, Joseph H., assignor to The Jaeger Machine Company, Columbus, Ohio. Method and apparatus for building roads. 2,169,987; Aug. 15.
Moseley, Edward H., Watertown, assignor to American Optical Company, Southbridge, Mass. Decorative means for receptacles and applying same. 2,163,151; June 20.
Moseley, James T. W., Webster Groves, Mo. Carburetor. 2,145,029; Jan. 24.
Moseley, James T. W., Webster Groves, assignor of one-half to Carter Carburetor Corporation, St. Louis, Mo. Rotary motor. 2,175,444; Oct. 10.
Moseley, Tomlinson I., assignor, by mesne assignments, to Crocker First National Bank of California, San Francisco, Calif. Closure fastener. 2,148,050; Feb. 21.
Mosen, Adolph. (See Cohen, Jacob, assignor.)
Moser, Franz R. (See van Peski, A. J., and Moser.)
Moser, Franz R., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Manufacture of lubricants. 2,143,566; Jan. 10.
Moser, Johannes, Berlin, Germany. Improving tobacco by fermentation. 2,149,179; Feb. 28.
Moser, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio frequency cabel terminal. 2,173,643; Sept. 19.
Moser, Wilhelm, and H. E. Paul, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna system. 2,158,376; May 16.
Moses, Amaziah J., and E. C. Chapman, Lookout Mountain, Tenn., assignors, by mesne assignments, to Combustion Engineering Company, Inc. Protective liner for drums. 2,164,074; June 27.
Moses, Graham L., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system for trolley frogs. 2,157,859; May 9.
Moses, Joseph, Toronto, Ontario, Canada. Ear and mouth telephone attachment. 2,171,311; Aug. 29.
Moses, Madeline B. (See Moses, Wade.)
Moses, Wade, Cleveland, Ohio; M. B. Moses, owner by decree of court. Adjustable drawing curve. 2,155,169; Apr. 18.
Mosher, Ezra D., assignor to National Oil Seal Co., Oakland, Calif. Fluid seal. 2,162,104; June 13.
Mosher, Hugh H., Nutley, assignor to The Richards Chemical Works, Incorporated, Jersey City, N. J. Reagent used in simultaneous dyeing and degumming fabrics. 2,169,881; Aug. 15.
Mosher, Ira S., East Orange, N. J. Doughnut cutter. 2,166,260; July 18.
Mosier, Carl, and J. L. Mohun, Jr., assignors to Union Asbestos & Rubber Company, Chicago, Ill. Insulating tape. 2,150,238; Mar. 14.

Mosier, Carl, and J. L. Mohun, Jr., assignors to Union Asbestos & Rubber Company, Chicago, Ill. Insulating tape and making the same. 2,170.207; Aug. 22.
Moskowitz, David, Chicago, Ill. Device for packaging for shipment lamp shades and other like article. 2,181,198; Nov. 28.
Moskowitz, Meyer, New York, N. Y., H. Meisel, North Bergen, N. J., assignors to Corn Products Refining Company, New York, N. Y. Curing heat. 2,176,144; Oct. 17.
Mosler Ignition Corporation. (See Kasarjian, Armen A., assignor.)
Mosler Lock Company, The. (See Hirn, Charles M., assignor.)
Mosler Safe Company, The. (See Bremer, Frederick J., assignor.)
Mosler Safe Co., The. (See Murtaugh, John J., Jr., assignor.)
Mosley, Carl E. (See Matthews, C. L., Mosley, and Birkenmaier.)
Mosley, John H. (See Kimball, W. D., Braren, and Mosley.)
Mosling, Bernhard A., and C. E. Sartwell, Oshkosh, Wis. Six wheeled vehicle. 2,156,601; May 2.
Moslo, Ernest P., Cleveland, Ohio. Support for wire reels. 2,152,559; Mar. 28.
Moss, David G., El Dorado, Kans. Monolongéron construction for heavier-than-air craft. 2,183,323; Dec. 12.
Moss, Douglas G. K., Sanderstead, assignor to Mechanism Limited, Croyden, England. Gyroscopic navigation instrument. 2,159,099; May 23.
Moss, Douglas G. K., Sanderstead, assignor to Mechanism Limited, Croydon, England. Navigational indicating instrument. 2,161,077; June 6.
Moss, Douglas G. K., Sanderstead, assignor to Mechanism Limited, Croydon, England. Rolling valve for air-controlled instruments. 2,183,939; Dec. 19.
Moss, Frank K. (See Luckiesch, M., and Moss.)
Moss, Henry V., St. Louis, Mo., assignor to Monsanto Chemical Company. Production of low arsenic lime. 2,147,125; Feb. 14.
Moss, Herbert H., Brooklyn, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Metal cutting process and apparatus. 2,146,266; Feb. 7.
Moss, Herbert H., Brooklyn, N. Y., assignor to The Linde Air Products Company. Method and apparatus for cutting and heat-treating metal. 2,152,145; Mar. 28.
Moss, Herbert H., Brooklyn, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Method of and apparatus for forming shaped edge on metal members. 2,184,560; Dec. 26.
Moss, Jane, New York, N. Y. Corsage pin. 2,167,671; Aug. 1.
Moss, Leon E., Collingswood, N. J. Skill dart game apparatus. 2,165,147; July 4.
Moss, Maurice, New York, N. Y. Ring. 2,168,490; Aug. 8.
Moss, Samuel H., Brooklyn, N. Y. Rubber stamp. 2,143,833; Jan. 10.
Moss, Sanford A., Lynn, Mass., assignor to General Electric Company. Diffuser for centrifugal compressors. 2,157,002; May 2.
Moss, Sanford A., Lynn, Mass., assignor to General Electric Company. Dynamo-electric machine. 2,167,487; July 25.
Moss, William H., London, England, assignor to Celanese Corporation of America. Adhesive. 2, 153,584; Apr. 11.
Moss, William H., London, England, assignor to Celanese Corporation of America. Laminated glass. 2,153,585; Apr. 11.
Moss, William H., London, England, assignor to Celanese Corporation of America. Printing of artificial foils, films, and similar products. 2,165,499; July 11.
Moss, William H., London, England, assignor to Celanese Corporation of America. Coating and product thereof. 2,166,261; July 18.
Moss, William R., and S. E. Palmer, Kingsport, Tenn., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Edge molding process. 2,145,887; Feb. 7.
Mossberg, Frank, Attleboro, Mass. Warp beam. 2,144,989; Jan. 24.
Mossberg, Frank, Attleboro, Mass. Braider carrier. 2,144,990; Jan. 24.
Mossberg, Frank, Attleboro, Mass. Braider carrier. 2,144,991; Jan. 24.
Mossberg, Frank, and B. A. Johnson, Attleboro, Mass., assignors to Mossberg Pressed Steel Corporation. Reel or spool. 2,150,392; Mar. 14.
Mossberg, Harold F., assignor to O. F. Mossberg & Sons, Inc., New Haven, Conn. Take-down firearm. 2,145,054; Jan. 24.
Mossberg, Harold F., assignor to O. F. Mossberg & Sons, Inc., New Haven, Conn. Telescope. 2,150,629; Mar. 14.
Mossberg, O. F., & Sons, Inc. (See Mossberg, Harold F., assignor.)
Mossberg Pressed Steel Corporation. (See Mossberg, F., and Johnson, assignors.)
Mossberg Pressed Steel Corporation. (See Olson, Robert V., assignor.)
Mossdorf, Richard, Chemnitz, Germany, assignor to Ernst Krause & Co. A.-G., Vienna, Austria. Device for working sectional shapes for shafts and bores. 2,144,771; Jan. 24.
Mosshart, Donald J. (See Foresman, R. A., and Mosshart.)
Mosshart, Donald J., Springfield, Pa., assignor of one-half to H. F. Hildreth, Springfield, Mass. Apparatus for and method of combustion. 2,143,834; Jan. 10.
Mosshart, Donald J., Springfield, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air control device for combustion apparatus. 2,149,402; Mar. 7.
Mosshart, Donald J., Springfield, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Combustion apparatus. 2,149,539; Mar. 7.
Most, Lucifer J., Hudson County, N. J. Mechanical pencil. 2,177,838; Oct. 31.
Most, Lucifer J., Hudson County, N. J. Mechanical pencil. 2,177,839; Oct. 31.
Most, Lucifer J., Hudson County, N. J. Die. 2,178,803; Nov. 7.
Most, Lucifer J., Hudson County, N. J. Mechanical pencil. 2,179,950; Nov. 14.
Most, Lucifer J., Hudson County, N. J. Mechanical pencil. 2,184,527; Dec. 26.
Most, Lucifer J., Hudson County, N. J. Mechanical pencil. 2,184,528; Dec. 26.
Most, Lucifer J., Hudson County, N. J. Mechanical pencil. 2,184,529; Dec. 26.
Most, Lucifer J., Hudson County, N. J. Mechanical pencil. 2,184,863; Dec. 26.
Most, Lucifer J., Hudson County, N. J. Mechanical pencil. 2,184,864; Dec. 26.
Most, Lucifer J., Arlington, N. J., assignor, by mesne assignments, to Metals & Controls Corporation, Attleboro, Mass. Manufacturing pen points, and sheet stock therefor. 2,154,102; Apr. 11.
Most, Lucifer J., Arlington, N. J., assignor, by mesne assignments, to Metals & Controls Corporation, Attleboro, Mass. Sheet stock and the manufacture of pen points. 2,154,103; Apr. 11.
Most, Lucifer J., Arlington, N. J., assignor to Metals & Controls Corporation, Attleboro, Mass. Decorated article. 2,161,549; June 6.
Moster, Edmund. (See Kukula, Rudolf, assignor.)
Moths, Raymond J., Shorewood, Wis. Adjustable truss. 2,177,043; Oct. 24.
Motiograph, Inc. (See Wienke, Emil J., assignor.)
Motion Displays, Inc. (See Mead, Richard R., assignor.)
Motion Picture Electric Products. (See Erickson, Carl R., assignor.)
Motion Picture Electric Products. (See Rose, Jess C., assignor.)
Motkowicz, Charles, and J. Podgorny, Chicago, Ill. Spring-action clothesline reel. 2,170,459; Aug. 22.
Moto-Mower Company, The. (See George, E. S., and Blydenburgh, assignors.)
Moto-Mower Company, The. (See George, E. S., and Gibbons, assignors.)
Motoraktieselskapet av 1935. (See Gross, Court, assignor.)
Motor Car Advertising Device Co. (See Dobrowsky, Emmanuel, assignor.)
Motor Improvements, Inc. (See Irwine, R. L., and Kovacs, assignors.)
Motor Improvements, Inc. (See Layte, R. R., and McCoy, assignors.)
Motor Power, Inc. (See Pratt, George L., assignor.)
Motor Products Corporation. (See Kellogg, Homer G., assignor.)
Motor Products Corporation. (See Kelso, Allen R., assignor.)
Motor Products Corporation. (See Lane, Guy M., assignor.)
Motor Products Corporation. (See Mason, Edwin R., assignor.)
Motor Terminals, Inc. (See Fitch, Benjamin F., assignor.)
Motor Terminals, Inc. (See Norbom, Ragnar A., assignor.)
Motor Wheel Corporation. (See Horn, Harry J., assignor.)
Motor Wheel Corporation. (See Horn, H. J., and Stough, assignors.)
Motor Wheel Corporation. (See Hunt, George H., assignor.)
Motor Wheel Corporation. (See Hunt, J Harold, assignor.)
Motor Wheel Corporation. (See Jones, Don F., assignor.)
Motor Wheel Corporation. (See Miller, John W., assignor.)
Motor Wheel Corporation. (See Tower, Elmer V. J., assignor.)
Motor Wheel Corporation. (See Valjean, Ben, assignor.)
Motrinec, Alexander, Maplewood, N. J. Machine to cube steaks. 2,167,051; July 25.
Mott, Bessie C., Kilgore, Tex. Surgical garment. 2,166,727; July 18.
Mott, Carl W. (See Lindgren, A. C., and Mott.)
Mott, Carl W., Rock Falls, Ill., assignor to International Harvester Company. Power lift mechanism. 2,172,986; Sept. 12.

Mott, Carl W., Rock Falls, Ill., assignor to International Harvester Company. Supporting device for implement attachments. 2,172,987; Sept. 12.
Mott, Chester, Evanston, assignor to National Cylinder Gas Company, Chicago, Ill. Prevention of explosions and backfire in torches. 2,164,295; June 27.
Mott, Edward E., Upper Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,162,270; June 13.
Mott, Edward E., Upper Montclair, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,170,571; Aug. 22.
Mott, Edwin L., St. Louis, Mo. Display package and method of packaging. 2,152,079; Mar. 28.
Mott, Harriet J., Hollis, N. Y. Umbrella holder. 2,154,634; Apr. 18.
Mott, Maurice W., Red Creek, N. Y. Door structure for silos. 2,153,473; Apr. 4.
Motta, Peter D., assignor to Champion Machinery Company, Joliet, Ill. Dough mixing and working machine. 2,145,428; Jan. 31.
Moueix, Henri, Paris, France, assignor to Compagnie Generale de Telegraphie sans Fil. Steering device responsive to radio signals. 2,176,469; Oct. 17.
Mougey, Wilbur E., Cranford, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Shielding for electrical circuits. 2,152,706; Apr. 4.
Moulded Hair Company Limited, The, et al. (See Howard, Joseph A., assignor.)
Moule, Rex E., Detroit, Mich. Oil burner. 2,175,539; Oct. 10.
Moulet, Jean L. L. A. A., Boulogne-sur-Seine, assignor to Martin Moulet & Cie, Oullins, Rhone, France. Packing and lubricating rotary shafts. 2,150,393; Mar. 14.
Moulet, Martin, & Cie. (See Moulet, Jean L. L. A. A., assignor.)
Moullin, Eric B., Oxford, England, assignor to Radio Corporation of America. Radio aerial. 2,171,256; Aug. 29.
Moulthrop, Lembert H., Bridgeport, Conn. Electric soldering device. 2,159,041; May 23.
Moulton, Harley C., Maplewood, and C. W. Mueller, assignors to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Blind stitch sewing machine. 2,158,246; May 16.
Moulton, Harley C., Maplewood, and C. W. Mueller, assignors to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Work support for sewing machines. 2,175,966; Oct. 10.
Moulton, Harold R., assignor to American Optical Company, Southbridge, Mass. Diagnostic instrument. 2,180,015; Nov. 14.
Moulton, Harold R., and F. D. Kinney, assignors to American Optical Company, Southbridge, Mass. Abrading tool. 2,145,888; Feb. 7.
Moulton, Lloyd W. (See Davis, G. L., and Moulton.)
Moulton, Walter E., Geneva, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Fishing rod handle. 2,182,901; Dec. 12.
Mounce, Whitman D. (See Blau, L. W., Mounce, and Rust.)
Mounce, Whitman D. (See Blau, L. W., Thompson, and Mounce.)
Mount, Ralph D., Fairfield, assignor to The Bassick Company, Bridgeport, Conn. Display stand for furniture casters, slides, or the like. 2,172,172; Sept. 5.
Mount, Walter M., Tulsa, Okla. Apparatus for demulsifying and settling liquids. 2,156,123; Apr. 25.
Mount Airy Knitting Company. (See Crossingham, James H., assignor.)
Mounting & Finishing Co., Inc., The. (See Fortunato, Vincent, assignor.)
Mountjoy, Garrard, Bayside, Long Island, N. Y., assignor to Radio Corporation of America. Electrical coupling system. 2,154,692; Apr. 18.
Mount Sinai Hospital Research Foundation, Inc. (See Shwartzman, Gregory, assignor.)
Mountstephen, Edred R., Southend-on-Sea, England. Automatic burglar, fire, or like alarm. 2,161,525; June 6.
Mountstephen, Edred R., Southend-on-Sea, England. Automatic burglar and fire alarm. 2,161,526; June 6.
Mouromtseff, Ilia E., Montclair, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Carbon exterior anode. 2,154,278; Apr. 11.
Mouromtseff, Ilia E., Wilkinsburg, Pa., and H. N. Kozanowski, Collingswood, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High power tube structure. 2,144,505; Jan. 17.
Mouton, Augustin, Trazegnies, and A. Huet, Jamioulx, Belgium. Electrical heating apparatus of the storage type. 2,178,049; Oct. 31.
Mouw, Andrew, Ann Arbor, assignor to No Sag Spring Company, Detroit, Mich. Spring device. 2,169,705; Aug. 15.
Mouw, Andrew, Ann Arbor, assignor to No-Sag Spring Company, Detroit, Mich. Clip. 2,183,843; Dec. 19.
Mover, Hyman, Newton North, Mass. Cushion. 2,146,085; Feb. 7.
Movsesian, Edgar, Bradford, Mass. Adhesive-applying attachment for sewing machines. 2,142,733; Jan. 3.
Movsesian, Edgar, Bradford, assignor to J. S. Kambor' Newton, Mass. Shoe. 2,168,606; Aug. 8.
Mow, Harold G., Buffalo, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Production of aromatic amines. 2,163,617; June 27.
Mow, Harold G., Buffalo, assignor to National Aniline and Chemical Company, New York, N. Y. Distillation of amines from reduction masses. 2,174,008; Sept. 26.
Mowrer, Clair, assignor to Armstrong Cork Company, Lancaster, Pa. Closure inspecting device. 2,174,007; Sept. 26.
Mowry, Edward. (See Crumb, C. F., and Mowry.)
Moyer, Amos F., assignor to Toro Manufacturing Corporation of Minnesota, Minneapolis, Minn. Grass catching and distributing device. 2,162,783; June 20.
Moyer, Wendell W., Syracuse, assignor to The Solvay Process Company, New York, N. Y. Manufacture of chlorinated hydrocarbons. 2,152,357; Mar. 28.
Moyle, Clarence L. (See Britton, E. C., and Moyle.)
Moyle, Clarence L. (See Coleman, G. H., and Moyle.)
Moyle, Clarence L., assignor to The Dow Chemical Company, Midland, Mich. Di-phenyl mono-ortho-chlor-phenyl phosphite. 2,170,833; Aug. 29.
Moyle, Clarence L., assignor to The Dow Chemical Company, Midland, Mich. Liquid triaryl phosphates. 2,182,817; Dec. 12.
Moyle, Clarence L., and S. L. Bass, assignors to The Dow Chemical Company, Midland, Mich. Colored aromatic phosphate. 2,151,984; Mar. 28.
Mucci, John B., Medford, A. F. Sico, Somerville, and T. Iapicca, Boston, Mass. Slide for slide fasteners. 2,181,625; Nov. 28.
Mucher, George J., assignor to Clarostat Manufacturing Co. Inc., Brooklyn, N. Y. Resistance. 2,153,152; Apr. 4.
Mucher, John J., Brooklyn, N. Y. Resistance. 2,146,509; Feb. 7.
Mucher, John J., Brooklyn, N. Y. Mold. 2,156,459; May 2.
Mucher, John J., Brooklyn, N. Y. Electrical resistor. 2,163,797; June 27.
Mucher, John J., Brooklyn, N. Y. Method of molding. 2,163,798; June 27.
Muchlinski, Arnold. (See Weingand, R., and Muchlinski.)
Muchnic, Henry E., assignor to The Locomotive Finished Material Company, Atchison, Kans. Truck center bearing. 2,150,896; Mar. 21.
Muchnic, Henry E., assignor to The Locomotive Finished Material Company, Atchison, Kans. Piston ring joint sealing and expanding means. 2,182,851; Dec. 12.
Muckenhirn, Ottilie, Basel, Switzerland. Mop cloth or mop swab. 2,176,095; Oct. 17.
Mudge, Everett, Detroit, Mich. Cushion construction. 2,184,396; Dec. 26.
Mudge, Frederick J. (See Saunders, N. F. T., Barnes, and Mudge.)
Mudge, Leonard S. (See Clendenin, Glenn S., assignor.)
Mudgett, Guernsey F., Hamilton, Ontario, Canada, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lighting fixture. 2,179,340; Nov. 7.
Muehlbauer, Fritz, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Producing phthalocyanine dyestuffs. 2,182,763; Dec. 5.
Muehlbauer, Fritz, and G. Niemann, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Production of dyestuffs of the phthalocyanine series. 2,154,912; Apr. 18.
Muehlberg, Karl O., Manitowoc, Wis. Folding stepladder. 2,167,157; July 25.
Muehlberg, Karl O., Manitowoc, Wis. Folding card table. 2,167,158; July 25.
Muehler, Lowell E., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Antihalation layer for photographic films. 2,150,695; Mar. 14.
Muehler, Lowell E., assignor to Eastman Kodak Company, Rochester, N. Y. Stable compositions useful in the compounding of photographic developers. 2,184,053; Dec. 19.
Muehter, Manfred W., Nutley, assignor to American District Telegraph Company, Jersey City, N. J. Alternating current operated noninterfering signaling system. 2,183,245; Dec. 12.
Mueller, Adolf G., Stratford, Conn., assignor to General Electric Company. Electric lamp. 2,158,884; May 16.
Mueller, Adolf G., Stratford, Conn., assignor to General Electric Company. Combined switch and plug receptacle. 2,184,359; Dec. 26.
Mueller, Arthur C. (See Agerell, W. C., and Mueller.)
Mueller, Carl E., assignor to General Printed String Company, Milwaukee, Wis. Spool snubber. 2,152,909; Apr. 4.
Mueller, Charles W. (See Moulton, H. C., and Mueller.)
Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Blind stitch sewing machine. 2,161,527; June 6.
Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Work support for sewing machines. 2,161,528; June 6.
Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Sewing machine. 2,168,740; Aug. 8.
Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Blind stitch sewing machine. 2,168,741; Aug. 8.
Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Sewing machine. 2,175,967; Oct. 10.

Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Sewing machine. 2,178,183; Oct. 31.
Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Presser foot for sewing machines. 2,178,184; Oct. 31.
Mueller, Charles W., assignor to Lewis Invisible Stitch Machine Company, St. Louis, Mo. Top feed dog for sewing machines. 2,182,929; Dec. 12.
Mueller Co. (See Bowan, Walter J., assignor.)
Mueller Co. (See Cline, Earl E., assignor.)
Mueller Co. (See Larry, T. A., and (Cline, assignor).)
Mueller Co. (See Larry, T. A., and (Cline and Hawkins, assignors).)
Mueller Co. (See Mueller. Frank H., assignor.)
Mueller Co. (See Reedy, Emmett M., assignor.)
Mueller Cunradi, Martin, and R. Uloth, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of motor fuels. 2,159,175; May 23.
Mueller-Cunradi, Martin, and K. Pieroh, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of alkylidene diethers or etheresters. 2,165,962; July 11.
Mueller-Cunradi, Martin, M. Otto, W. Daniel, and R. Werner, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Composition of matter. 2,180,081; Nov. 14.
Mueller-Cunradi, Martin, and W. Daniel, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Polymerization products from butadiene or its substitution products and solid polymerized isobutylene. 2,180,082; Nov. 14.
Mueller-Cunradi, Martin, and W. Daniel, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Rubberlike polymerization products from vinyl carbazole and solid polymerized isobutylene. 2,180,083; Nov. 14.
Mueller-Cunradi, Martin, Ludwigshafen-on-the-Rhine, and H. Krekeler, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of butadiene from 1,3-butylene glycol. 2,184,164; Dec. 19.
Mueller, Emil C., assignor to John Gabel Manufacturing Company, Chicago, Ill. Automatic phonograph. 2,161,483; June 6.
Mueller, Emil C., Jr. (See Baker, C. I., Mueller, and Redmond.)
Mueller Emil L. Rutherford N. J. Removing and replacing knives of paper cutting machines. 2,146,837; Feb. 14.
Mueller, Erich O., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Grease-overflow catcher for high-speed motors. 2,179,341; Nov. 7.
Mueller, Ervin H., Detroit, Mich. Valve structure. 2,142,368; Jan. 3.
Mueller, Ervin H., Detroit, Mich. Gas cock or the like. 2,164,419; July 4.
Mueller, Ervin H., Grosse Pointe Park, Mich. Gas cock. 2,184,678; Dec. 26.
Mueller, Erwin, Chicago, Ill. Liquid applying machine. 2,161,187; June 6.
Mueller, Frank H., assignor to Mueller Co., Decatur, Ill. Lubricated valve. 2,169,810; Aug. 15.
Mueller, Frank H., assignor to Mueller Co., Decatur, Ill. Apparatus for fluid control. 2,171,942; Sept. 5.
Mueller, Frank H., assignor to Mueller Co., Decatur, Ill. Pressure control fitting. 2,171,943; Sept. 5.
Mueller, Hans, Heidenheim-on-the-Brenz, and E. Schneider, Vienna, Germany, assignors to Voith-Schneider Propeller Company, New York, N. Y. Guide device for blade propellers. 2,184,865; Dec. 26.
Mueller, Homer L., assignor to The Cleveland Welding Company, Cleveland, Ohio. Rim assembly and making same. 2,172,254; Sept. 5.
Mueller, Joachim. (See Berthold, E., and Mueller.)
Mueller, Juan M., Palafrugell, Spain, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Natural cork product and preparing same. 2,147,987; Feb. 21.
Mueller, L. J., Furnace Company. (See Meyer, Karl A., assignor.)
Mueller, Louis H., San Gabriel, assignor to Vitrefrax Corporation, Vernon, Calif. Interlocking brick structure. 2,142,404; Jan. 3.
Mueller, Louis T., Upper Darby, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Bar and supporting means therefor. 2,143,567; Jan. 10.
Mueller, Moritz L., Seattle, Wash. Air conditioning apparatus. 2,172,399; Sept. 12.
Mueller, Moritz L., Grosse Pointe, Mich., assignor to Borg-Warner Corporation. Fluid circulating system. 2,147,854; Feb. 21.
Mueller, Paul M. (See Ward, J. C., Jr., and Mueller.)
Mueller, Reinhold. (See Jackson, J. G., and Mueller.)
Mueller, Richard W., and G. F. Carle, assignors to Kerotest Manufacturing Company, Pittsburgh, Pa. Well casing control valve. 2,154,955; Apr. 18.
Mueller, Robert A. (See Smith, R., and Mueller.)
Mueller, Robert A., Houston, Tex. Tubing hanger. 2,157,964; May 9.
Mueller, Robert A., assignor to Gray Tool Company, Houston, Tex. Oil well completion equipment. 2,162,179; June 13.
Mueller, Robert A., and R. Smith, assignors to Gray Tool Company, Houston, Tex. Method and apparatus for completing wells. 2,150,887; Mar. 14.
Mueller, Rudolph G., Irvington, N. J. Hat brim stretching mechanism. 2,165,717; July 11.
Mueller, William A., Sr., Decatur, Ill. Emergency ignition switch. 2,154,766; Apr. 18.
Mueller, William G. (See Kelly, L. J., Mueller, and Brunette.)
Muench, Frank J., Newark, N. J. Mixing device. 2,165,568; July 11.
Muench, Wilhelm. (See Keunecke, E., and Muench.)
Mues, Otto. (See Holler, H., and Mues.)
Muessig, Clifford W. (See Sparks, W. J., and Muessig.)
Mueth, Wallace P., St. Louis, Mo. Bumper. 2,146,642; Feb. 7.
Muffly, Glenn, Eastchester, N. Y. Refrigerator and method and apparatus for freezing ice. 2,145,773; Jan. 31.
Muffly, Glenn, Springfield, Ohio. Apparatus for freezing ice. 2,145,774; Jan. 31.
Muffly, Glenn, Springfield, Ohio. Refrigerating mechanism. 2,145,775; Jan. 31.
Muffly, Glenn, Springfield, Ohio. Refrigerating mechanism. 2,145,776; Jan. 31.
Muffly, Glenn, Springfield, Ohio. Refrigerating mechanism. 2,145,777; Jan. 31.
Mugdan, Martin, and J. Wimmer, Munich, assignors to Consortium für Elktrochemische Industrie, G. m. b. H., Munich, Bavaria, Germany. Polymerization of trichlorethylene. 2,161,078; June 6.
Muggleton, Gerald D. (See Wells, Sidney D., assignor.)
Muir, James A. (See Austin, H. M., and Muir, assignors.)
Muir, Neil S., Guilford, England. Transmission dynamometer. 2,173,039; Sept. 12.
Muir, Raymond F., assignor of one-half to W. P. Strait, Grand Valley, Pa. Fluid well flowing means. 2,171,402; Aug. 29.
Muirhead, Donald M., Duxbury, Mass. Insect insulation for foundation structures. 2,165,192; July 4.
Muirhead, Donald M., Duxbury, Mass. Shielding structure against insects. 2,165,500; July 11.
Mukat, Irving E., Akron, and G. H. Cady, Wadsworth, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Material treatment. 2,178,696; Nov. 7.
Mulcahy, James E., Cleveland, Ohio. Sash fastener. 2,180,994; Nov. 21.
Mulcay, Cyrus J., assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill. Wrench. 2,148,573; Feb. 28.
Mulcay, Donald, and W. G. Colvin, Mount Morris, Ill. Galley lock. 2,176,976; Oct. 24.
Mulch, Hans, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Ventilating device for projection apparatus. 2,160,890; June 6.
Mulch, Hans, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Film reel attachment. 2,178,346; Oct. 31.
Mulder, Johannes G. W. (See Bruijnes, J., Duinker, and Mulder.)
Mulder, Johannes G. W., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Mercury-vapor rectifier. 2,146,345; Feb. 7.
Mulder, Johannes G. W., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Mercury-vapor rectifier. 2,170,482; Aug. 22.
Mulder, Johannes G. W., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Mercury-cathode rectifier. 2,173,023; Sept. 12.
Mulder, Johannes G. W., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Rectifier tube and circuit arrangement therefor. 2,183,918; Dec. 19.
Muldoon, Bernard F., Mountain View, N. J., assignor to H. Hyman, Brooklyn, N. Y. Flashlight bracket and holder. 2,159,932; May 23.
Muldoon, Bernard F., Mountain View, N. J., assignor to H. Hyman, Brooklyn, N. Y. Christmas tree decoration. 2,171,116; Aug. 29.
Muldoon, Bernard F., Mountain View, N. J., and O. C. Britsch, assignors to H. Hyman, Brooklyn, N. Y. Electric lamp socket. 2,154,247; Apr. 11.
Mulert, Erika A. (See Schmidt, Wilhelm, assignor.)
Mulford, Hewett P., & Company. (See Mulford, M. R., and Gray, assignors.)
Mulford, Logan W., Kew Gardens, N. Y. Glass-roof roof light and the like. 2,182,852; Dec. 12.
Mulford, Marion R. (See Gray, Harry Z., assignor.)
Mulford, Marion R., and H. Z. Gray, assignors to Hewett P. Mulford & Company, Lebanon, Ohio. Plant package. 2,150,453; Mar. 14.
Mull, Charles H., Vista, Calif. Apparatus for placing protective covering around pipes. 2,177,221; Oct. 24.
Mullen, Chester J., Redding, Calif. Robberyproof window. 2,183,819; Dec. 19.
Mullen, Raymond F., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Steam car heater. 2,171,944; Sept. 5.

Mullen, Thomas W., Indianapolis, Ind. Roll dispensing hanger. 2,174,802; Oct. 3.
Mullen, Thomas W., assignor to Bowes Seal Fast Corporation, Indianapolis, Ind. Making a patch. 2,157,183; May 9.
Mullenix, Chester S., Mount Oliver, and J. G. Windeknecht, Brentwood, Pa. Method and means for loading containers in carriers. 2,167,770; Aug. 1.
Muller, Alexander C., Long Island City, assignor of one-half to The Teleregister Corporation, New York, N. Y. Mechanism for testing ignition systems. 2,184,124; Dec. 19.
Muller, Alfred D., Beverly, N. J. Bobbin. 2,163,618; June 27.
Muller, C. H. F., Aktiengesellschaft. (See Franke, H., and Voigt, assignors.)
Müller, Carl W., Dresden-Weisser Hirsch, assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co., Dresden, Germany. Regulating the tobacco rod in cigarette-making machines. 2,162,443; June 13.
Muller, Charles A. (See Sporn, P., and Muller.)
Müller, Christoph, Berlin, Germany. Vehicle shock responsive device. 2,142,369; Jan. 3.
Muller, Edward A., Long Island City, N. Y. Apparatus for packaging products. 2,182,700; Dec. 5.
Müller, Erhard. (See Oeckl, L., and Müller.)
Müller, Ernst, assignor to C. Lorenz Aktiengesellschaft, Berlin-Ttempelhof, Germany. System for determining positions by radio beacons. 2,156,060; Apr. 25.
Müller, Ernst, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. System for determining positions by radio beacons. 2,156,061; Apr. 25.
Müller, Eugen L., Berlin, Germany. Carbureting in internal combustion engines. 2,149,460; Mar. 7.
Müller, Ferdinand C. H. (See Pilliod, T. J., and Müller.)
Muller, Frans G. D., Houston, Tex. Flame arrester safety device. 2,156,509; May 2.
Muller, Frans G. D., Houston, Tex. Flame arrester safety device. 2,157,298; May 9.
Müller, Fritz. (See Kracker, H., Scherer, Müller, and Schumacher.)
Müller, Gustav, Blankenfelde, and K. Weinmann, Berlin-Grunau, Germany, assignors to General Electric Company. Sealing machine for electric lamps and similar articles. 2,143,708; Jan. 10.
Müller, Gustav W., Berlin-Charlottenburg, Germany, assignor to General Electric Company. Air cooling means for dry rectifiers. 2,169,109; Aug. 8.
Müller, Gustav W., Berlin-Charlottenburg, Germany, assignor to General Electric Company. Protective means for electric circuits. 2,179,342; Nov. 7.
Müller, Heinrich, Nuremberg, Germany. Toy motor vehicle. 2,144,461; Jan. 17.
Müller, Heinrich, Nuremberg, Germany. Blow switch operated toy. 2,147,949; Feb. 21.
Müller, Heinrich, Nuremberg Germany. Mechanically propelled toy with automatic reversal in the opposite direction. 2,149,180; Feb. 28.
Müller, Heinrich, Nuremberg, Germany. Toy vehicle. 2,161,971; June 13.
Muller, Heinrich, and E. Sauer, assignors to the firm: Maschinenfabrik Moenus Aktiengesellschaft, Frankfort-on-the-Main, Germany. Lasting machine. 2,159,706; May 23.
Müller, Hugo, assignor to L. Schuler A. G., Goppingen, Germany. Tool-carrying slide of high-speed notching machines. 2,146,086; Feb. 7.
Muller, Jacques, La Garenne-Colombes, France. Closure mechanism. 2,175,302; Oct. 10.
Muller, Jacques, La Garenne-Colombes, France. Portable filling device. 2,175,303; Oct. 10.
Muller, Jacques, La Garenne-Colombes, France. Liquid transfer mechanism. 2,175,304; Oct. 10.
Müller, Johann, assignor to Aktiengesellschaft Hermann Forster, Arbon, Switzerland. Electrically heated radiator. 2,179,420; Nov. 7.
Muller, John P. (See Barnett, P. B., and Upton, assignors.)
Muller, John P. (See Upton, C. G., and Barnett, assignors.)
Müller, Josef, Weissenstein-on-the-Drau, Austria. Desizing textiles. 2,173,040; Sept. 12.
Müller, Josef, Weissenstein-on-the-Drau, Carinthia, Austria. Production of starch solutions. 2,173,041; Sept. 12.
Müller, Josef, Weissenstein-on-the-Drava, assignor to Oesterreichische Chemische Werke Gesellschaft m. b. H., Vienna, Germany. Apparatus for the electrolytic manufacture of persulphuric acid and its salts. 2,177,626; Oct. 24.
Müller, Karl R., deceased, Neugersdorf, by H. Güttler, administrator, assignor to Firma A. G. vorm. Seidel & Naumann, Dresden, Germany. Escapement device for typewriting machines. 2,167,812; Aug. 1.
Müller, Kurt, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Volume control. 2,157,557; May 9.
Müller, Ludwig, assignor to the firm Kjellberg Elektroden & Maschinen G. m. b. H., Finsterwalde, Germany. Arc welding apparatus with coated electrodes. 2,166,638; July 18.
Müller, Manfred, Homberg, assignor to Sachtleben Aktiengesellschaft für Bergbau und Chemische Industrie, Cologne-on-the-Rhine, Germany. Recovering zinc and barium from waste waters. 2,150,394; Mar. 14.
Müller, Max, assignor to the firm Durand & Huguenin S. A., Basel Switzerland. Mordant azo dyestuffs and making same. 2,144,992; Jan. 24.
Müller, Max, and R. Ratti, assignors to the firm of Durand & Huguenin S. A., Basel, Switzerland. Mordant azo dyestuffs and making same. 2,154,348; Apr. 11.
Muller, Oscar, Newark, assignor of one-third to R. Babineau, Irvington, N. J. Beverage dispensing apparatus. 2,182,032; Dec. 5.
Müller, Otto. (See Bartels, H., and Müller.)
Müller, Paul, Berlin-Friedrichshagen, assignor to Julius Pintsch Kommanditgesellschaft, Berlin, Germany. Nondazzle lamp. 2,148,574; Feb. 28.
Müller, Paul, Berlin-Schoneberg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Braking system for Diesel-electric driven vehicles. 2,154,279; Apr. 11.
Müller, Richard, Berlin-Schoneberg, and A. Lübke, Mannheim-Waldhof, assignors to C. F. Boehringer & Soehne G. m. b. H., Mannheim-Waldhof, Germany. Artificial silk. 2,143,205; Jan. 10.
Muller Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Business machine. 2,147,051; Feb. 14.
Muller, Robert L., assignor to Burroughs Adding Machine Company, Detroit, Mich. Calculating machine. 2.158,142; May 16.
Müller, Stephen V., Detroit, Mich. Reversible coat. 2,174,831; Oct. 3.
Müller, Theodor, and H. Roelig, Leverkusen-I. G. Werk, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Apparatus for treating solids with physical and chemical reactants. 2,143,610; Jan. 10.
Müller, Theodor, Leverkusen-I. G. Werk, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Drying apparatus. 2,157,716; May 9.
Müller, Waldemar, Berlin-Sandau, Germany. Parachute. 2,149,540; Mar. 7.
Müller, Walter, and W. Priesemann, assignors to Franke & Heidecke Fabrik Photographischer Präzisionsapparate, Braunschweig, Germany. Film feed mechanism for photographic roll film cameras. 2,148,636; Feb. 28.
Müller, Werner, Cologne-on-the-Rhine, and C. Berres, Leverkusen-Wiesdorf, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the methine series. 2,179,895; Nov. 14.
Müller, Wilhelm, and A. Closmann, Leipzig, assignors to Atlas Ago Chemische Fabrik, Aktien-Gesellschaft, Molkau, near Leipzig, Germany. Material for manufacturing paper collars and the like. 2,161,972; June 13.
Muller, William F., Brooklyn, assignor to W. A. Force, III, New York, N. Y. Automatic rotary check endorser. 2,173,454; Sept. 19.
Müller, Willy, Munich, Germany. Electrically driven vehicle jack. 2,163,735; June 27.
Müller, Willy. (See Hipple, Hermann, assignor.)
Muller, Wm. F., Inc. (See Dengler, Madison L., assignor.)
Müller, Wolf J., and M. Niessner, assignors to Oesterreichische Dynamit Nobel Aktiengesellschaft, Vienna, Austria. Copper-zinc alloys. 2,144,993; Jan. 24.
Müller, Wolf J., and M. Niessner, assignors to Oesterreichische Dynamit Nobel Aktiengesellschaft, Vienna, Austria. Copper zinc alloys. 2,156,348; May 2.
Mullett, Frank, Toronto, Ontario, Canada, assignor of one-sixth to M. M. Cooling, London, England. Mop. 2,146,437; Feb. 7.
Mullin, William B., Seattle, Wash. Multicontact thermal-control apparatus. 2,180,643; Nov. 21.
Mullins Manufacturing Corporation. (See Anderson, C. J., and McKee, assignors.)
Mullins Manufacturing Corporation. (See Benson, John H., assignor.)
Mullins Manufacturing Corporation. (See McKee, John C., assignor.)
Mullins Manufacturing Company. (See Russert, E. J., and Hinsdale, assignors.)
Mullooly, Anna A., Greensburg, Pa. Beauty parlor chair. 2,150,720; Mar. 14.
Mullooly, Anna A., Greensburg, Pa. Chair. 2,150,721; Mar. 14.
Mulno, Lester F., Lowell, Mass. Lawn mower attachment. 2,164,467; July 4.
Mulqueen, Michael P., assignor to The Hatter's Fur Exchange, Inc., Walden, N. Y. Treatment of fibrous material of vegetable origin. 2,161,377; June 6.
Mulroney, Richard J., assignor to The Lehon Company, Chicago, Ill. Rail joint plug. 2,142,796; Jan. 3.
Multiple Corporation. (See Saffir, Jacob A., assignor.)
Multipost Co. (See Dummer, E. J., and Gay, assignors.)
Mulvaney, Anthony J., Jackson, Mich. Hinge. 2,167,585; July 25.
Mulvaney, Edward L., assignor of one-eighth to J. E. Phemister, one-eighth to M. C. Phemister, and one-half to G. D. Curtis, Butte, Mont. Ledger plate anvil. 2,164,283; June 27.
Mulvany, Mary G. (See Kyle, Samuel C., assignor.)
Mulvey, Joseph A., Andover, Mass. Athletic helmet. 2,150,290; Mar. 14.
Mumford, Agnes N. (See Baker, Donald, assignor.)
Mummé, Ernest A., Minneapolis, Minn. Sausage-linking machine. 2,165,673; July 11.

Mummert, Edna, administratrix. (See Mummert, Harvey C.)
Mummert, Harvey C., deceased, Hammondsport, N. Y.; E. Mummert, administratrix. Crankshaft. 2,175,156; Oct. 3.
Mummery, Clyde W., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Lighter for gas burners. 2,173,521; Sept. 19.
Mummery, Clyde W., assignor to Safety Cook Stove Company, Detroit, Mich. Hydrocarbon stove. 2,173,522; Sept. 19.
Mun, Henry C., San Francisco, Calif. Noodle making machine. 2,165,718; July 11.
Munch, Hans S., and M. G. Boerger, assignors to Modine Manufacturing Company, Racine, Wis. Apparatus for baking radiator cores. 2,154,104; Apr. 11.
Muncheryan, Hrand M., Los Angeles, Calif., assignor to Royal Electric Company, Pawtucket, R. I. Renewable indicating fuse plug. 2,161,079; June 6.
Muncy, David J., Amarillo, Tex. Pneumatic drilling method and means. 2,167,393; July 25.
Mundt, Louis C. (See Layne, L. A., and Mundt.)
Mundt, Louis C., and A. L. Roco, assignors to L. A. Layne, Houston, Tex. Burr roller. 2,174,803; Oct. 3.
Mundy, John F., et al. (See Maher, James M., assignor.)
Mundy, William J., University City, assignor to C. T. Small Manufacturing Company, St. Louis, Mo. Apparatus for filling cans. 2,149,461; Mar. 7.
Mundy, William J., University City, assignor to C. T. Small Manufacturing Company, St. Louis, Mo. Cap feeding device. 2,176,659; Oct. 17.
Munés, Juán R., and B. P. Marchant, Ilopango, San Salvador, Salvador. Pneumatic tire. 2,179,192; Nov. 7.
Munford, Theodore W. (See Hepburn, W. M., and Munford.)
Munger, Henry A., Midland, Mich. Trailer. 2,154,467; Apr. 18.
Municipal Service Company. (See McFarland, Charles T., assignor.)
Munk, Emil O., Chicago, Ill. Can construction. 2,166,783; July 18.
Munk, Max M., Cottage City, Md. Self-controllable airfoil. 2,172,289; Sept. 5.
Münnich, Richard, and H. Blechschmidt, Dresden, Germany. Apparatus for reproducing rotary motion. 2,165,719; July 11.
Muñoz, Luis, Santiago, Chile. Attachment to typewriter keys. 2,171,470; Aug. 29.
Munro, Alexander C., and H. A. Pearse, Britannia Beach, British Columbia, Canada. Apparatus for flotation of minerals. 2,145,269; Jan. 31.
Munro, Allison G., New York, N. Y. Brick wall construction. 2,163,286; June 20.
Munro, David B. (See Munro, Donald S. and D. B.)
Munro, Donald S. and D. B., Westmont, Quebec, Canada. Stock car. 2,166,475; July 18.
Munro, John H., Kew Gardens, N. Y. Extensible pipe fitting. 2,143,568; Jan. 10.
Munroe, Percy R., Springfield, assignor to Berkshire Upholstered Furniture Company, Willimansett, Mass. Furniture. 2,151,985; Mar. 28.
Munschauer, George E. (See Harwood, R. E., and Munschauer.)
Munsey, Albert O., Los Angeles, Calif. Tile roof construction. 2,152,080; Mar. 28.
Munsingwear, Inc. (See Kapinas, Ruth M., assignor.)
Munson Elroy S., Winnetka, and S. L. Patlak, and J. P. Riley, Chicago, Ill. assignors, by mesne assignments, to S. Karpen & Bros. Mattress. 2,147,348; Feb. 14.
Munson, George E., Spokane, Wash. Fire arm. 2,142,405; Jan. 3.
Munson, Jokum J., Milwaukee, Wis. Head rod holder. 2,157,717; May 9.
Munson, Joseph J. (See Dahlberg, C. F., and Munson.)
Munson, Willard T., Dunmore, assignor to Collins Supply & Equipment Company, Scranton, Pa. Thread cleaner. 2,165,405; July 11.
Munters, Carl G. (See von Platen, B. C., and Munters.)
Munters, Carl G., assignor to Aktiebolaget Termisk Isolation, Stockholm, Sweden. Refrigeration. 2,150,181; Mar. 14.
Munters, Carl G., assignor to Aktiebolaget Termisk Isolation, Stockholm, Sweden. Insulation. 2,150,182; Mar. 14.
Munters, Carl G., assignor to Aktiebolaget Termisk Isolation, Stockholm, Sweden. Heat insulating receptacle. 2,162,271; June 13.
Munters, Carl G., assignor to Aktiebolaget Termisk Isolation, Stockholm, Sweden, Insulation. 2,164,143; June 27.
Murad, Walter, Burlingame, assignor of one-half to C. S. Evans, San Francisco, Calif. Mercury switch. 2,142,326; Jan. 3.
Muralo Company, The. (See Iddings, Carl, assignor.)
Murbach, Emil, assignor of one-half to "Danuvia" Ipari és Kereskedelmi R. T., Budapest, Hungary. Barrel-changing device for automatic firearms. 2,149,707; Mar. 7.
Murcek, Slavo J., Duquesne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Self-regulating battery charger. 2,179,299; Nov. 7.
Murcell, U. C., Inc. (See Murcell, Uriel C., assignor.)
Murcell, Uriel C., assignor to U. C. Murcell, Inc., Los Angeles, Calif. Welding and setting well casing. 2,167,338; July 25.
Murch, John H., East Orange, N. J., assignor to American Can Company, New York, N. Y. Container. 2,163,619; June 27.
Murch, John H., East Orange, N. J., assignor to American Can Company, New York, N. Y. Container closure. 2,182,818; Dec. 12.
Murch, Wilfred M., and L. G. Kline, assignors to The Dow Chemical Company, Midland, Mich. Vat dyestuffs in finely divided form. 2,176,011; Oct. 10.
Murchison, Blackwell K., Brooklyn, N. Y. Inking mechanism for printing machines. 2,145,270; Jan. 31.
Murchison, Blackwell K., Brooklyn, N. Y. Printing machine. 2,145,271; Jan. 31.
Murden, William T., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Antifriction bearing and making same. 2,177,303; Oct. 24.
Murdoch, Alexander G., London, England. Apparatus for practicing golf and other games. 2,147,105; Feb. 14.
Murdock, Edwin E. (See Pfeiffer, A. G., and Murdock.)
Murdock, Fred J., Statesville, N. C. Chair. 2,182,485; Dec. 5.
Murdock, James A., Chicago, Ill. Hair curler. 2,154,179; Apr. 11.
Murdock, James A., assignor to Vaughan Novelty Mfg. Co. Inc., Chicago, Ill. Can opener. 2,148,130; Feb. 21.
Murch, John H., East Orange, N. J., assignor to American Can Company, New York, N. Y. Can closing machine. 2,144,634; Jan. 24.
Murdock Manufacturing & Supply Company, The. (See Bart, Thomas E., assignor.)
Murden, William T., Forestville, Conn., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Bearing. 2,142,477; Jan. 3.
Murden, William T., Forestville, Conn., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Bearing device. 2,142,478; Jan. 3.
Murden, William T., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Antifriction bearing. 2,142,574; Jan. 3.
Mureau, Charles A. (See Eastley, Mona V., assignor.)
Muren, Albert L., Dearborn, Mich. Radiator or condenser. 2,151,791; Mar. 28.
Muren, Albert L., Dearborn, Mich. Oil burner. 2,162,105; June 13.
Murison, Alexander A., Arlington, Va., assignor to The Purity Paper Vessel Company, Baltimore, Md. Closure for bottles of paper and other materials. 2,144,194; Jan. 17.
Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,149,403; Mar. 7.
Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,152,815; Apr. 4.
Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Blade magazine. 2,159,933; May 23.
Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,166,605; July 18.
Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,174,049; Sept. 26.
Muros, Joseph, Cambridge, assignor to Gillette Safety Razor Company, Boston, Mass. Shaving implement. 2,177,440; Oct. 24.
Murphree, Eger V., Baton Rouge, La., assignor to Standard Oil Development Company. Purifying acetylene gas and manufacturing acetaldehyde therewith. 2,183,148; Dec. 12.
Murphree, Eger V., Summit, and W. J. Sweeney, Elizabeth, N. J., assignors to Standard Oil Development Company. Grease and method of preparation. 2,144,077; Jan. 17.
Murphree, Eger V., and E. D. Reeves, Baton Rouge, La., assignors to Standard Oil Development Company. Obtaining oxidation products from hydrocarbons. 2,156,266; May 2.
Murphree, Eger V., and E. D. Reeves, Baton Rouge, La., assignors to Standard Oil Development Company. Separation of mixtures of liquid and solid constituents. 2,165,807; July 11.
Murphy, Albert C., New Haven, Conn. Target. 2,181,492; Nov. 28.
Murphy, Arthur R., deceased, by M. R. Murphy, Penns Grove, N. J., administratrix, and S. S. Rossander, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Diazo compounds. 2,153,200; Apr. 4.
Murphy, Arthur R., deceased, by M. R. Murphy, Penns Grove, N. J., administratrix, and S. S. Rossander, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Fast polyazo dyes. 2,153,201; Apr. 4.
Murphy, Arthur R., deceased, by M. R. Murphy, administratrix, Penns Grove, N. J., and H. Jordan, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo compound. 2,182,347; Dec. 5.
Murphy, Arthur R., deceased, by M. R. Murphy, administratrix, Penns Grove, N. J., and H. Jordan, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyazo dye. 2,182,348; Dec. 5.
Murphy, Charles R. (See Dulion, H. C., and Murphy.)
Murphy, Dan R., assignor to The American Rolling Mill Company, Middletown, Ohio. Metal roof structure. 2,183,844; Dec. 19.

Murphy, Daniel, New Castle, Pa. Pump rotor. 2,165,808; July 11.
Murphy, Daniel, New Castle, Pa. Rotary pump. 2,179,858; Nov. 14.
Murphy, Daniel J., Chili, assignor to General Railway Signal Company, Rochester, N. Y. Automatic block signal system for railroads. 2,156,637; May 2.
Murphy, David Z., Portland, Oreg. Grinding wheel and cooling the same. 2,167,282; July 25.
Murphy, Edward A., Wylde Green, G. W. Trobridge, Sutton Coldfield, and A. N. Ward, Alum Rock, Birmingham, assignors to Dunlop Rubber Company, Limited, London, England. Tubular rubber and spring structure and producing the same. 2,161,080; June 6.
Murphy, Edward A., Wylde Green, and A. A. Round and T. Norcross, Erdington, Birmingham, assignors to Dunlop Rubber Company, Limited, London, England. Manufacture of goods of spongelike or cellular rubber. 2,161,308; June 6.
Murphy, Edward A., Wylde Green, Birmingham, G. W. Trobridge, Sutton Coldfield, and J. A. Andrews, West Quinton, Birmingham, assignors to Dunlop Rubber Company Limited, London, England. Production of hollow articles. 2,167,724; Aug. 1.
Murphy, Edward A., Wylde Green, Birmingham, G. W. Trobridge, Sutton Coldfield, and A. N. Ward, Alum Rock, Birmingham, assignors to Dunlop Rubber Company Limited, London, England. Production of rubber structures and making the same. 2,169,847; Aug. 15.
Murphy, Emmett P., et al. (See Van Eweyk, William F., assignor.)
Murphy, Frank R., assignor to J. P. Devine Manufacturing Co., Inc., Mount Vernon, Ill. Flaker. 2,169,275; Aug. 15.
Murphy, Gerald W. (See Singer, Henry, assignor.)
Murphy, Harold P., Ridley Park, assignor to The Electric Storage Battery Company, Philadelphia, Pa. Counter-electromotive-force cell. 2,156,222; Apr. 25.
Murphy, Harry S., Attica, assignor to Cooney Refrigeration Company, Inc., Buffalo, N. Y. Boiler. 2,169,276; Aug. 15.
Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Nut fastener and installation. 2,147,950; Feb. 21.
Murphy, Howard J., Greenwood, assignor to United Car Fastener Corporation, Cambridge, Mass. Bag frame locking device. 2,147,951; Feb. 21.
Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Window strip installation and fastener for the same. 2,152,601; Mar. 28.
Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Window strip installation and fastener for the same. 2,153,972; Apr. 11.
Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Attaching device for bag frame fasteners. 2,159,445; May 23.
Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Knob fastener installation and fastener for the same. 2,159,446; May. 23.
Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Lamp socket device. 2,169,964; Aug. 15.
Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Separable top stop for multiple operated fasteners. 2,177,599; Oct. 24.
Murphy, Howard J., Greenwood, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Knob fastening installation and knob fastener. 2,180,929; Nov. 21.
Murphy, James A., Des Moines, Iowa. Tire casing holder. 2,177,222; Oct. 24.
Murphy, James A., assignor to Shambow Shuttle Company, Woonsocket, R. I. Adjustment locking means for loom shuttle tensions. 2,142,524; Jan. 3.
Murphy, James T., Chicago, Ill. Boot and the like. 2,159,816; May 23.
Murphy, Jeremiah T., Seattle, Wash. Hydraulic clutch and reduction mechanism. 2,178,804; Nov. 7.
Murphy, John S., San Gabriel, Calif. Combination door. 2,159,530; May 23.
Murphy, Leonard, Ganghill, Guildford, England. Electric motor control. 2,144,575; Jan. 17.
Murphy, Margaret R., administratrix. (See Murphy, A. R., and Jordan.)
Murphy, Margaret R., administratrix. (See Murphy, A. R., and Rossander.)
Murphy, P. H., Company, et al. (See Nystrom, Karl F., assignor.)
Murphy, Paul C. (See Knowlton, D. R., and Murphy.)
Murphy, Thomas J., Stamford, Conn. Dry shaving device. 2,146,643; Feb. 7.
Murphy, Thomas, Schoolfield, Va. Shuttle. 2,181,667; Nov. 28.
Murphy, Walter P., Chicago, Ill. Refrigerator car floor. 2,142,797; Jan. 3.
Murphy, Walter P., Chicago, Ill. Refrigerator car floor. 2,142,798; Jan. 3.
Murphy, William J., Crafton, Pa. Apparatus for forming confections. 2,159,338; May 23.
Murrah, Paul, Corinth, Miss. Valve stem grinding tool. 2,182,543; Dec. 5.
Murray, Alan E., New York, N. Y. Rigid-bottomed shoe with skate attached. 2,147,455; Feb. 14.
Murray, Alan E., New York, N. Y. Obtaining effective foot impressions and products thereof. 2,177,304; Oct. 24.
Murray, Albert F., Haddonfield, N. J., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Television signal system. 2,181,064; Nov. 21.
Murray, Albert L., Auburn, Ind. Rubber heel. 2,151,613; Mar. 21.
Murray, Albert L., Auburn, Ind. Forming cement-on rubber soles. 2,181,379; Nov. 28.
Murray, Arthur T., assignor to Moore Drop Forging Company, Springfield, Mass. Wrench clip. 2,181,764; Nov. 28.
Murray, Alexander, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Photographic material. 2,158,194; May 16.
Murray, Alexander, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Color separation process for multicolor printing. 2,161,378; June 6.
Murray, Alexander, assignor to Eastman Kodak Company, Rochester, N. Y. Color correction. 2,165,407; July 11.
Murray, Alexander, assignor to Eastman Kodak Company, Rochester, N. Y. Photosensitive material. 2,169,003; Aug. 8.
Murray, Charles R., Sr., San Francisco, Calif. Sprinkler head signaling attachment. 2,152,146: Mar. 28.
Murray, Clay E., assignor to Linograph Corporation, Davenport, Iowa. Base for a slug-casting machine. 2,172,322; Sept. 5.
Murray Company, The. (See Blewett, John, assignor.)
Murray Company, The. (See McLean, Robert W., assignor.)
Murray Company, The. (See Woodford, Bronson C., assignor.)
Murray Corporation of America. (See Avery, Clarence W., assignor.)
Murray Corp. of America, The. (See Avery, C. W., and Haberstump, assignors.)
Murray Corporation of America, The. (See Avery, C. W., and Vehko, assignors.)
Murray Corporation of America, The. (See Graebner, O. F., and Westrope, assignors.)
Murray Corporation of America, The. (See Haberstump, Alfred H., assignor.)
Murray Corporation of America, The. (See Haberstump, A. H., and Jarosik, assignors.)
Murray Corporation of America, The. (See Marvin, C. B., and Podany, assignors.)
Murray Corporation of America, The. (See Menge, Clarence H., assignor.)
Murray Corporation of America, The. (See Menton, J. B., and Benz, assignors.)
Murray Corporation of America, The. (See Northup, Amos E., assignor.)
Murray Corporation of America, The. (See Norton, Theodore, assignor.)
Murray Corporation of America, The. (See Osborn, William C., assignor.)
Murray Corporation of America, The. (See Person, Alfred, assignor.)
Murray Corporation of America, The. (See Shanahan, Frank M., assignor.)
Murray Corporation of America, The. (See Smith, Stanley G., assignor.)
Murray Corporation of America, The. (See Stemper, Leo N., assignor.)
Murray Corporation of America, The. (See Vehko, James, assignor.)
Murray Corp. of America, The. (See Weston, W. Calvin, assignor.)
Murray Corporation of America, The. (See Westrope, Fred J., assignor.)
Murray Corporation of America, The. (See Widman, Charles H., assignor.)
Murray Corporation of America, The. (See Wilkins, Howard W., assignor.)
Murray Corporation of America, The. (See Wolfe, Harold F., assignor.)
Murray, D. J., Manufacturing Co. (See Preston, Everett A., assignor.)
Murray & Flood, Inc. (See Fraser, Ethelbert M., assignor.)
Murray, Howard J., New York, N. Y. Variable speed power transmission device. 2,143,709; Jan. 10.
Murray, Howard J., New York, N. Y. Automatic self-energizing clutch. 2,143,710; Jan. 10.
Murray, Howard J., New York, N. Y. Automatic variable speed power transmission device. 2,143,711; Jan. 10.
Murray, Howard J., New York, N. Y. Automatic electric variable speed bidirectional and free wheeling transmission. 2,150,983; Mar. 21.
Murray, Howard J., New York, N. Y. Television system. 2,169,071; Aug. 8.
Murray, Howard J., New York, N. Y. Variable speed power transmission device with speed-torque actuated give-away control. 2,170,208; Aug. 22.
Murray, Howard J., New York, N. Y. Variable speed power transmission with unidirectional clutch. 2,170,460; Aug. 22.
Murray, Howard J., New York, N. Y. Direction signal blinker system. 2,172,068; Sept. 5.

Murray, Howard S., Los Angeles, Calif., assignor to Uniflow Pump Company, Las Vegas, Nev. Pump and pumping system. 2,157,141; May 9.
Murray, Howard S., assignor to Uniflow Pump Company, Las Vegas, Nev. Concrete pump. 2,168,779; Aug. 8.
Murray, Humphrey D., and D. A. Spencer, assignors to The Veracol Film Syndicate Limited, London, England. Production of composite photographic images. 2,159,600; May 23.
Murray, James M. and T. J., Chicago, Ill. Stop signal control. 2,170,088; Aug. 22.
Murray, John J., Yonkers, N. Y. Paper box, carton, or tray. 2,179,421; Nov. 7.
Murray-Ohio Manufacturing Company, The. (See de Sakhnoffsky, Alexis, assignor.)
Murray-Ohio Manufacturing Company, The. (See Kraeft, Herman L., assignor.)
Murray-Ohio Manufacturing Company, The. (See Loftfield, Sigurd, assignor.)
Murray, Thomas E., Jr., Brooklyn, N. Y. Furnace bottom. 2,169,848; Aug. 15.
Murray, Thomas E., Jr., Brooklyn, N. Y. Tubular element for boiler walls. 2,167,901; Aug. 1.
Murray, Thomas E., Jr., Brooklyn, N. Y. Tubular unit for boiler walls. 2,181,950; Dec. 5.
Murray, Thomas J. (See Murray, James M. and T. J.)
Murray, Wallace J., Dedham, and E. P. Stevenson, Newton, Mass. Oxidizing agent and making. 2,169,368; Aug. 15.
Murray, William W. (See Downey, J. J., and Murray.)
Murrell, Manuel L., et al. (See Jensen, Roy E., assignor.)
Murrian, James A., K. J. Chapman, and W. M. Fulton, assignors to W. J. Savage Company, Inc., Knoxville, Tenn. Nibbling machine. 2,182,544; Dec. 5.
Murrin, Gahlbeth H., assignor to A. Baumgarten, Pasadena, Calif. Door latch. 2,163,957; June 27.
Murtagh, Hugh. (See Chafee, E. W., and Murtagh.)
Murtaugh, John J., Jr., Floral Park, N. Y., assignor to The Mosler Safe Co. Cash drawer. 2,145,314; Jan. 31.
Muse, Lee R. (See Dove, John B., assignor.)
Muse, Marshall H., New York, N. Y. Paper dispenser. 2,169,072; Aug. 8.
Muselier, Bernard G. M., Paris, France. Device for controlling the content of a carbureted mixture. 2,177,908; Oct. 31.
Museus, Melvin O., assignor of three-tenths to J. E. Nekowitsch and three-tenths to S. Nekowitsch, St. Paul, Minn. Timer checking device. 2,149,620; Mar. 7.
Musgrave, Claude E., Cedar Rapids, assignor to Globe Hoist Company, Des Moines, Iowa. Automobile lift platform. 2,168,624; Aug. 8.
Musham, Harry A., Chicago, Ill. Apparatus for the production of heat and cold. 2,143,895; Jan. 17.
Musher, Albert, New York, N. Y., assignor to Musher Corporation, Elizabeth, N. J. Aerated products. 2,162,585; June 13.
Musher, Albert, New York, N. Y., assignor to Musher Corporation, Elizabeth, N. J. Concentrated food product. 2,168,360; Aug. 8.
Musher, Albert, New York, N. Y., assignor to Musher Corporation, Elizabeth, N. J. Food product. 2,170,155; Aug. 22.
Musher, Albert, New York, N. Y., assignor to Musher Corporation, Elizabeth, N. J. Salad dressing. 2,170,518; Aug. 22.
Musher Corporation. (See Musher, Albert, assignor.)
Musher Foundation Incorporated. (See Musher, Sidney, assignor.)
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Preservation of organic materials containing oils. 2,176,022; Oct. 10.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Stabilization of milk and other dairy products derived therefrom against protein and fat decomposition. 2,176,023; Oct. 10.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Retarding deterioration of dairy products. 2,176,024; Oct. 10.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Stabilization of organic materials. 2,176,025; Oct. 10.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Stabilization of food materials. 2,176,026; Oct. 10.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Stabilizing preparation. 2,176,027; Oct. 10.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Stabilization of meat and fishery products. 2,176,028; Oct. 10.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Concentrates from antioxygenic vegetative substances. 2,176,029; Oct. 10.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Stabilization of foods. 2,176,030; Oct. 10.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Retarding rancidity in glyceride oils. 2,176,031; Oct. 10.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Beverage. 2,176,032; Oct. 10.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Crude cane and beet sugars as stabilizers. 2,176,033; Oct. 10.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Antioxygenic sugar preparation and making and using same. 2,176,034; Oct. 10.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Modified stabilizing sugar. 2,176,035; Oct. 10.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Modified antioxygenic salt. 2,176,036; Oct. 10.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Antioxygenic composition. 2,176,037; Oct. 10.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Stabilization of glue, casein, and other protein materials. 2,176,038; Oct. 10.
Musher, Sidney, assignor to Musher Foundation Incorporated, New York, N. Y. Preservation of organic substances. 2,181,765; Nov. 28.
Mushet, James C., Roselle Park, N. J., assignor to Star Expansion Bolt Company, New York, N. Y. Bolt anchor. 2,171,985; Sept. 5.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Plasticization of cellulose ethers. 2,162,027; June 13.
Muskat, Irving E., Akron, Ohio, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Cellulose ether coating composition. 2,162,028; June 13.
Muskat, Irving E., Barberton, Ohio, assignor to Pittsburgh Plate Glass Company. Motor fuel. 2,178,403; Oct. 31.
Muskat, Irving E., Akron, and G. H. Cady, Wadsworth, Ohio, assignors to Pittsburgh Plate Company, Allegheny County, Pa. Preparation of chlorine monoxide. 2,155,281; Apr. 18.
Muskat, Irving E., Akron, and G. H. Cady, Wadsworth, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparation of hypochlorites. 2,157,558; May 9.
Muskat, Irving E., Akron, and G. H. Cady, Wadsworth, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Preparing hypochlorites. 2,157,559; May 9.
Muskat, Irving E., Akron, and W. F. Weldeck, Wadsworth, Ohio, assignors to The Pittsburgh Plate Glass Company, Allegheny County, Pa. Purifying caustic soda. 2,178,694; Nov. 7.
Muskat, Irving E., Akron, and L. King, Barberton, Ohio, assignors to Pittsburgh Plate Glass Company, Allegheny County, Pa. Stabilizing halogenated hydrocarbons. 2,178,695; Nov. 7.
Muskat, Irving E., Akron, and A. G. Chenicek, Barberton, Ohio, assignors to Pittsburgh Plate Glass Company, Alleghany County, Pa. Composition of matter and making same. 2,184,883; Dec. 26.
Muskat, Irving E., and R. H. Taylor, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Alleghany County, Pa. Treatment of titanium ores. 2,184,884; Dec. 26.
Muskat, Irving E., and R. H. Taylor, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Alleghany County, Pa. Treatment of titanium ores. 2,184,885; Dec. 26.
Muskat, Irving E., Akron, and A. G. Chenicek, Barberton, Ohio, assignors to Pittsburgh Plate Glass Company, Alleghany County, Pa. Organic composition of high chlorine content. 2,184,886; Dec. 26.
Muskat, Irving E., and R. H. Taylor, Akron, Ohio, assignors to Pittsburgh Plate Glass Company, Alleghany County, Pa. Chlorination of titanium bearing materials. 2,184,887; Dec. 26.
Muskat, Irving E., Akron, and A. G. Chenicek, Barberton, Ohio, assignors to Pittsburgh Plate Glass Company, Alleghany County, Pa. Halogenated material and producing same. 2,184,888; Dec. 26.
Musolff, A., Robert, et al. (See Brumer, John J., assignor.)
Musolff, Bertha L., et al. (See Brumer, John J., assignor.)
Musolf, Paul J., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Beater. 2,161,881; June 13.
Musselman, Alvin J. (See Lee, Bert, assignor.)
Musselman, Alvin J., Cleveland Heights, Ohio. Speed control mechanism. 2,152,386; Mar. 28.
Musselman, Alvin J., Cleveland Heights, Ohio. Brake. 2,167,551; July 25.
Musselman, Alvin J., Cleveland Heights, Ohio. Two-speed coaster brake. 2,171,886; Sept. 5.
Musselman, John M., assignor to The Standard Oil Company, Cleveland, Ohio. Treatment of lubricating stocks. 2,142,327; Jan. 3.
Musselman, John M., assignor to The Standard Oil Company, Cleveland, Ohio. Lubricating composition. 2,153,121; Apr. 4.
Musselman, John M., assignor to The Standard Oil Company, Cleveland, Ohio. Mineral oil lubricant. 2,178,455; Oct. 31.
Musselman, John M., and H. P. Lankelma, assignors to The Standard Oil Company, Cleveland, Ohio. Beneficiation of lubricating oils. 2,175,548; Oct. 10.
Musser, H. M., & Company. (See De Mattia, Peter, assignor.)
Mussey, William H. (See Blomberg, M. P., and Mussey.)

Mussey, William H., assignor to Pullman-Standard Car Manufacturing Co., Chicago, Ill. Cushioning mechanism. 2,164,160; June 27.
Mussey, William H., Chicago, Ill. Deck supporting device. 2,165,406; July 11.
Mussey, William H., assignor to Pullman-Standard Car Manufacturing Co., Chicago, Ill. Cushioning mechanism. 2,176,223; Oct. 17.
Mussey, William H., assignor to Pullman-Standard Car Manufacturing Company, Chicago, Ill. Car truck. 2,181,908; Dec. 5.
Mussina, Henry B., Williamsport, Pa. Fishing apparatus. 2,157,003; May 2.
Musumeci, Joseph, Newark, N. J., assignor to United Research Corporation, Long Island City, N. Y. Recording of pictures and sound. 2,144,738; Jan. 24.
Mutchler, Arthur W., Bangor, Pa., assignor to Julius Kayser & Co., New York, N. Y. Yarn laying mechanism for straight-bar hosiery machines. 2,161,550; June 6.
Muth, Friedrich, Leverkusen-I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Intermediate for water-insoluble azo dystuffs. 2,144,704; Jan. 24.
Muth, Friedrich, Leverkusen-I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Intermediates for water-insoluble azo dyestuffs. 2,157,796; May 9.
Muth, Friedrich, Leverkusen-I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Intermediates for water-insoluble azo dyestuffs. 2,157,797; May 9.
Muth, Herbert. (See Jäkel, P., and Muth.)
Muth, Herbert, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Telegraphy. 2,167,461; July 25.
Mutti, Oscar E., Breman, Ind. Sign. 2,175,276; Oct. 10.
Mutscheller, Arthur. (See Hirsch, Samuel, assignor.)
Mutscheller, Arthur, New York, N. Y. X-ray tube. 2,157,718; May 9.
Mutschler, Lawrence V., St. Cloud, Minn. Highway construction. 2,174,040; Sept. 26.
Mutter, Charles F., Brooklyn, N. Y. Safety device for automobiles. 2,142,328; Jan. 3.
Mutter, Charles F., Brooklyn, N. Y. Antiskid shoe attachment. 2,170,691; Aug. 22.
Mutti, Oscar E., Plymouth, Ind. Illuminated sign. 2,158,195; May 16.
Muttray, Justus. (See Wagner, H., and Muttray.)
Mutual Chemical Co. of America. (See Tarr, O. F., and Hartford, assignors.)
Mutual Citrus Products Co. (See Leo, H. T., Taylor, and Lindsey, assignors.)
Mutual Tea Packing Co. Inc. (See Cross, Herbert, assignor.)
Muzzey, David S., Jr., Houston, Tex., assignor to Shell Development Company, San Francisco, Calif. Electrical exploration method. 2,150,517; Mar. 14.
Myer, Harry L. (See Parker, L. F., and Myer.)
Myer, James E., assignor to Timber Engineering Company, Washington, D. C. Ring timber connector. 2,150,141; Mar. 7.
Myer, Jay L., Leola, Pa. Building block construction. 2,161,680; June 6.
Myers, David M., Larchmont, N. Y. Measuring means. 2,152,768; Apr. 4.
Myers, Don D., Toledo, Ohio. Shock absorber. 2,168,679; Aug. 8.
Myers, E. A., & Sons. (See Lybarger, Samuel F., assignor.)
Myers, E. A., & Sons. (See Lybarger, S. F., and Pelz., assignors.)
Myers, F. E., and Bro. Company, The. (See Elliott, Frank R., assignor.)
Myers, Edward R., Ottawa, Ontario, Canada, assignor to Remington, Rand Inc., Buffalo, N. Y. Tabulating machine. 2,165,408; July 11.
Myers, Emily T., White Bear Lake, assignor of one-half to O. A. Lindquist, North St. Paul, Minn. Doll figure. 2,154,635; Apr. 18.
Myers, Francis P. (See Hedrick, G. H., Myers, and Stark.)
Myers, Frank D. (See Buchanan, Charles A., assignor.)
Myers, Harold A. (See Myers, Raymond I. and H. A.)
Myers, Harold A., Hawthorne, N. J. Building construction. 2,183,620; Dec. 19.
Myers. Harold L., Morristown, N. J. Container. 2,160,620; May 30.
Myers, Harry L., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Rotary disk edging machine. Re. 21,180; Aug. 22.
Myers, Harry L., assignor to The American Floor Surfacing Machine Company, Toledo, Ohio. Rotary surfacing machine. 2,142,697; Jan. 3.
Myers, Henry W., assignor to Hygrade Sylvania Corporation, Salem, Mass. Fluorescent lamp. 2,181,305; Nov. 28.
Myers, John L., Felicity, Ohio. Dispensing mechanism. 2,174,423; Sept. 26.
Myers, Joseph W., assignor, by mesne assignments, to Proctor & Schwartz Inc., Philadelphia, Pa. Signal device. 2,150,840; Mar. 14.
Myers, Joseph W., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Cooking apparatus. 2,152,560; Mar. 28.
Myers, Joseph W., and R. O. Stevenson, assignors to Proctor & Schwartz, Inc., Philadelphia, Pa. Cooking appliance. 2,179,422; Nov. 7.
Myers, Latimer D., assignor to Emery Industries, Inc., Cincinnati, Ohio. Grease base and method of making. 2,151,641; Mar. 21.
Myers, Leo. (See Myers, Roy W., assignor.)
Myers, Leonard D., Washington, D. C., assignor to Cardox Corporation. Blasting cartridge. 2,145,366; Jan. 31.
Myers, Leonard M., Middlesborough, England, assignor to Radio Corporation of America. Electrooptical device for controlling light. 2,164,539; July 4.
Myers, Lewis C., Freeport, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,169,349; Aug. 15.
Myers, Louis W., Philadelphia, Pa. Culinary device. 2,142,914; Jan. 3.
Myers, Louis, Galesburg, Ill. Drink mixer. 2,168,429; Aug. 8.
Myers, Louis, Galesburg, Ill. Juice extractor. 2,168,430; Aug. 8.
Myers, Louis, Galesburg, Ill. Dispensing device. 2,174,388; Sept. 26.
Myers, Mark, London, England. Coin-freed game apparatus. 2,148,828; Feb. 28.
Myers, Martin R., Grand Rapids, Mich. Step attachment for ladders. 2,148,958; Feb. 28.
Myers, Med, Houston, Tex. Wall slab. 2,184,464; Dec. 26.
Myers, Myron L., Elizabeth, N. J., and E. J. Morris, Richmond County, N. Y. Purifying air for breathing. 2,151,792; Mar. 28.
Myers, Oscar. (See Dehn, J. W., and Myers.)
Myers, Philip B., Scarsdale, N. Y., assignor to Sardik Incorporated, Jersey City, N. J. Pectin dispersion. 2,155,361; Apr. 18.
Myers, Philip B., Scarsdale, N. Y., assignor to Sardik Incorporated, Jersey City, N. J. Producing pectinlike substances. 2,156,223; Apr. 25.
Myers, Philip B., Scarsdale, N. Y., assignor to Sardik Incorporated, Jersey City, N. J. Preparing pectin. 2,163,620; June 27.
Myers, Philip B., Scarsdale, N. Y., assignor to Sardik Incorporated, Jersey City, N. J. Preparing pectin. 2,163,621; June 27.
Myers, Philip B., Scarsdale, assignor to Sardik Incorporated, Jersey City, N. J. Treating pectin-containing raw material. 2,165,902; July 11.
Myers, Raymond I. and H. A., Hawthorne, N. J. Door and window frame structure. 2,183,619; Dec. 19.
Myers, Roy W., assignor of one-fifth to L. Myers, Dennison, Ohio. Valve seat inset. 2,178,895; Nov. 7.
Myers, Russel P., South Bend, Ind. Metal tile. 2,174,727; Oct. 3.
Myers, Shipley, and A. F. Camp, assignors to The Kingsbury Engineering Company, Limited, London, England. Type casting machine. 2,156,638; May 2.
Myers-Spalti Manufacturing Company. (See Johnson, Thomas T., assignor.)
Myers, Thomas G., Los Angeles, Calif., and F. Mason, Chicago, Ill., assignors to U. S. Electrical Motors, Inc. Submersible electric motor. 2,157,424; May 9.
Myers, Thomas G., Los Angeles, Calif., assignor to U. S. Electrical Motors, Inc. Geared power unit. 2,173,339; Sept. 19.
Myers, Thomas G., assignor to U. S. Electrical Motors, Inc., Los Angeles, Calif. Flexible belt and making it. 2,173,340; Sept. 19.
Myers, Victor A., Lakewood, Ohio, assignor to National Carbon Company, Inc. Brush for electrical machinery. 2,153,049; Apr. 4.
Myers, Walter, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Finishing seam and method. 2,169,590; Aug. 15.
Myers, William A., Springfield, assignor to The Atlantic Refining Company, Philadelphia, Pa. Treatment of hydrocarbons. 2,150,183; Mar. 14.
Myers, William E. (See Conner, E. A., and Myers.)
Myers, William E., York, and W. F. Schwartz, Springgarden Township, York County, Pa., assignors to American Chain & Cable Company, Inc. Chain fastener. 2,153,003; Apr. 4.
Myers, Wilmer L., Alexandria, Va. Electric conduit box and its attachable accessories. 2,143,278; Jan. 10.
Myles, Robert C., Jr. (See Perera, G., and Myles.)
Mylius, Walter G., Summit, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Meter Base. Re. 21,148; July 11.
Mylius, Walter G., Summit, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Meter disconnect. 2,172,218; Sept. 5.
Mynders, Fritz. (See Rom, Palmer W., assignor.)
Myrberg, Sven O., Providence, R. I., assignor to Providence Stock Company. Extension device. 2,152,749; Apr. 4.
Myrick, George H., Rochester, Minn., assignor to Waino M. Kolehmainen, Evanston, Ill. Silencer for flushing tanks. 2,180,310; Nov. 14.
Myrick, George H., Rochester, Minn. Inhalator. 2,184,679; Dec. 26.
N. and F. Corporation. (See Feather, David C., assignor.)
N. V. Actrooien Maatschappy "Activit". (See Smit, Pieter, assignor.)

N. V. "Agratherm". (See Schorn, H., and Daumas, assignors.)
N. V. Hollandsche Draad-en Kabelfabriek. (See Zoethout, Daniel A. C., assignor.)
N. V. Industrieele Exploitatie Maatschappij. (See Bertram, Simon H., assignor.)
N. V. Internationale Suiker En Alcohol Compagnie International Sugar and Alcohol Company "Isaco". (See Bergius, F., Koch, and Zimmermann, assignors.)
N. V. Maatschappij voor Zwavelzuurbereiding Voorheen G. T. Ketjen & Co. (See van Es, Adriaan C., assignor.)
N. V. Maatschappij tot Exploitatie van Uitvindingen. (See Schoonenberg, P. J., and Hardenberg, assignors.)
N. V. Maatschappij Voor Zwavelzuurbereiding Voorheen G. T. Ketjen & Co. (See Van Es, Adriaan C., assignor.)
N. V. Machinefabriek "Breda" v/h. Backer & Rueb. (See Huygen, Frédéric C., assignor.)
N. V. Machinefabriek, Reinveld. (See van Riel, Pieter, assignor.)
N. V. Machinerieen- en Apparaten Fabrieken "Meaf". (See Dällenbach, Walter, assignor.)
N. V. Molybdenum Company. (See Schwartzkopf, Hans H., assignor.)
N. V. Noury & van der Lande's Exploitatie Maatschappij. (See Jørgensen, Holger, assignor.)
N. V. Octrooien Maatschappij "Activit". (See Smit, Pieter, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Alink, R. J. H., and Aninga, assignors.)
N. V. Philips' Gloeilampenfabriken. (See Alink, R. J. H., and de Boer, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Below, Fritz, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Bertram, Hendrik C., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Boer, A. G., van Niekerk, Reerink, and van Wijk, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Bol, C., and Linnemans, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Bouwers, Albert, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Bouwers, A., and Kuntke, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Broos, Henricus A., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Bruijnes, J., Duinker, and Mulder, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Burgers, W. G., Bruining, and Kleynen, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Busse, Ernst, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Claassen, A. F. P. J., and De Lange, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Coeterier, Frederik, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Coeterier, F., and Teves, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Cornelius, Peter H. K. G., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Daumann, Carl W., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See de Boer, Jan Hendrik, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See de Boer, Jan H., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See de Boer, J. H., Bruining, Prakke, and Van Gessel, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See de Boer, J. H., and Jonas, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See de Boer, J. H., and van Geel, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See de Boer, J. H., and Teves, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See de Bruin, Sake L., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See de Lange, Cornelis, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See de Lange, C., and Lambeek, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See de Langen, Lambertus H., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See De Schrevel, Wilhelm A. K., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See de Vries, G., and von Lindern, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Dijksterhuis, Popko R., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Dippel, C. J., Alink, and Keuning, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Emmens, H., and van Geel, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Hardenberg, Jan J., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Holst, G., and de Boer, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Holst, G., and Der Horst, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Holst, G., and van Geel, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Holst, G., Six, Snoek, and Burgers, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Houwink, Roelof, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Jonas, Gottfried B., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Jonker, J. L. H., and Gall, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Jonker, J. L. H., and van Overbeek, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Jonker, J. L. H., Löpp, and van Overbeek.)
N. V. Philips' Gloeilampenfabrieken. (See Jonker, J. L. H., Löpp, van Overbeek, and Filippo, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Jurriaanse, Tom, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Kipperman, J., and Lambeek, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Knos, Gunnar B., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Korver, Cornelis, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Lems, Hendrik, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Lems, H., and Los, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Löpp, E. H., and van Overbeek, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Mulder, Johannes G. W., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Niclassen, Hans, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Peek, J. J. A., and Skillman, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Penning, Frans M., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Posthumus K., and von Lindern, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Reerink, E. H., and Druyvesteyn, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Romp, Johan, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Schoonenberg, Pancras, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Schreinemachers, Willem J. H., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Snoek, Jacob L., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Strutt, M. J. O., and van der Ziel, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Tellegen, B. D. H., Peek, Hepp, and Henriquez, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Tellegen, Bernardus D. H., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Tellegen, B. D. H., and van Loon, assignors.)
N. V. Spinnerij Osterveld. (See ter Mors, Henni, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Teves, M. C., and Penning, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See van der Mark, Jan, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See van der Mark, Jan, and de Vries, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See van der Tuuk, and Verhoeff, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See van Geel, Willem C., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Van Gessel, K. M., and Prakke, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See van Oberbeek, Adrianus J. W. M., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See van Overbeek, A. J. W. M., and Löpp, assignors.)
N. V. Philips', Gloeilampenfabrieken. (See Van Loon, Carel J., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See van Urk, A. T., and Vermeulen, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Veenemans, C. F. Lopp, and Bruining, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Verhoeff, Adrianus, assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Vermeulen, R., and van Overeem, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Vingerhoets, A. W., and van Overbeek, assignors.)
N. V. Philips' Gloeilampenfabrieken. (See Vivie, Wilhelmus L. L., assignor.)
N. V. Philips' Gloeilampenfabriken. (See Volz, R. F., and de Groot, assignors)
N. V. Philips' Gloeilampenfabrieken. (See Van Weenen, Franciscus L., assignor.)
N. V. Philips' Gloeilampenfabrieken. (See Weyers, Theodorus J., assignor.)
Na-Mac Products Company. (See Hacmac, Edward R., assignor.)
Naab, George F., Lakewood, and O. Lutherer, Solon, assignors to The North American Manufacturing Company, Cleveland, Ohio. Gas burner. 2,167,183; July 25.
Naamlooze Vennootschap: Chemische Fabriek "Gembo". (See Diekmann, Joseph J.)
Naamlooze Vennootschap Chemische Fabriek L. van der Grinten. (See van der Grinten, Lodewijk P. F., assignor.)
Naamlooze Vennootschap Derde Nederlandsche Patentenmaatschappij (D. N. P. M.). (See Koyemann, Alfred, assignor.)

Naamlooze Vennootschap: Hollandsche Draaden-en Kabelfabriek. (See van Hoffen, Hendrik A. M., assignor.)
Naamlooze Vennootschap Industrieele Mattschappij Voorheen Noury & Van Der Lande. (See van der Lande, Johannes A. L., assignor.)
Naamlooze Vennootschap Industrieele Maatschappij Voorheen Noury & Van Der Lande. (See van der Lee, Gerrit.)
Naamlooze Vennootschap Maatschappij tot Beheer en Exploitatie van Octrooien. (See von Reis, Lambert, assignor.)
Naamlooze Vennootschap Machinerieen-en Apparaten Fabrieken "Meaf". (See Kohl, Karl, assignor.)
Naamlooze Vennootschap Noury & Van Der Lande's Exploitatiemaatschappij. (See Priester, Remmet, assignor.)
Naamlooze Vennootschap: Oliefabrieken "Het Hart" en "De Zwaan" Voorheen Adriaan Honig. (See Honig, Adriaan N., assignor.)
Naamlooze Vennootschap Velotype Systeem den Outer. (See den Outer, Marius, assignor.)
Naamlooze Vennootschap: Vereenigde Fabrieken van Stearine, Kaarsen en Chemische Production. (See Treub, Jacobus P., assignor.)
Naamlooze Vennootschap: W. A. Scholten's Chemische Fabrieken. (See Möller, Frederik A., assignor.)
Nabham, Elias H., Brooklyn, N. Y. Window latch. 2,153,769; Apr. 11.
Nabokin, Jacob, New York, N. Y. Heel cushion. 2,157,912; May 9.
Nabors, William C., Mansfield, La. Vehicle body. 2,168,268; Aug. 1.
Nachman, Gertrude L., Chicago, Ill. Means and method of duplicating. 2,176,771; Oct. 17.
Nachman Springfield Corporation. (See Zimmerman, Fred R., assignor.)
Nachman Spring-Filled Corporation. (See Gleason, William W., assignor.)
Nachman Springfilled Corporation. See Zimmerman, Fred R., assignor.)
Nachman Springfilled Corporation. (See Gleason, William W., assignor.)
Nachman Springfilled Corporation. (See Gleason, William W., assignor.)
Nachod & United States Signal Co., et al. (See Richterkessing, Frank H., assignor.)
Nadai, Arpad, Wilkinsburg, and J. Boyd, Trafford, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Accelerated creep testing apparatus. 2,154,280; Apr. 11.
Nadaud, Marcel, et al. (See Fiorentino, Aldo, assignor.)
Nadeau, Gale F., and M. J. Reid, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Reclaiming photographic film scrap. 2,143,629; Jan. 10.
Nadeau, Gale F., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Photographic stripping film. 2,143,791; Jan. 10.
Nadeau, Gale F., and C. B. Starck, assignors to Eastman Kodak Company, Rochester, N. Y. Subbing photographic film. 2,146,907; Feb. 14.
Nadeau, Gale F. (See Lankes, L. R., and Nadeau.)
Rochester, N. Y. Low dye retention sub for photographic film. 2,169,004; Aug. 8.
Nadeau, Gale F. (See Lankes, L. R., and Nadeau.)
Nadeau, Gale F., and W. E. Fisher, assignors, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Separating and recovering aliphatic acids. 2,165,293; July 11.
Nädelin, Eugen, Ebingen, assignor to A. Guhring, Ebingen, Wuittemberg, Germany. Machine tool for bar stock. 2,167,308; July 25.
Naden, James H., Hendon, London, assignor to Precision Wireless Devices Limited, London, England. Controlling wireless receiving apparatus. 2,166,532; July 18.
Nadler, Hyman, Brooklyn, N. Y. Mask for fowl. 2,154,105; Apr. 11.
Nadler, Joseph G., Jr., Jersey City, N. J. Drawing and extrusion die. 2,164,750; July 4.
Naecker, William, Suitland, Md., and C. Giles, Washington, D. C. Communication clock. 2,173,853; Sept. 26.
Naef, Franz. (See Knup, E., and Naef.)
Naegele, William P., Lucas, and F. W. Steenbock, Sylvan Grove, Kans. Trailer hitch with brake-operating means. 2,181,736; Nov. 28.
Naegeli, Carl, Zurich, assignor to Cilag, Chemisches Industrielles Laboratorium A. G., Shaffhausen, Switzerland. Sulphonamides of 2-amino pyridines. 2,170,209; Aug. 22.
Naftali, Valentine, assignor of one-half to J. E. Langsdorf, New York, N. Y. Making neckties. 2,174,993; Oct. 3.
Naftali, Henry. (See Naftali, Rudolf, V., and H.)
Naftali, Rudolf V. and H., New York, N. Y., assignors to American Machine & Foundry Company. Tie stitching machine. 2,184,256; Dec. 19.
Naftali, Valentine. (See Naftali, Rudolf, V., and H.)
Naftolen-Gesellschaft zur Verwertung der Rostler-Mehner'schen Verfahren m. b. H. (See Rostler, F., and Mehner, assignors.)
Nagamatsu, Ikugoro, Las Vegas, Nev. Fastener. 2,173,310; Sept. 19.
Nagamatsu, Ikugoro, Las Vegas, Nev. Chain fastener. 2,184,814; Dec. 26.
Nagata, Kenzo, Naka ku, Yokohama, assignor to Riken Almite Kogyo Kabushiki Kaisha, Tokyo, Japan. Coloring the surface of aiuminum or its alloys for acid proof and alkali proof. 2,150,395; Mar. 14.
Nagel, August, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Focusing camera. 2,143,792; Jan. 10.
Nagel, August, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Shutter controlling mechanism. 2,146,908; Feb. 14.
Nagel, August, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Focusing mechanism for cameras. 2,165,409; July 11.
Nagel, August, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Shutter release for folding cameras. 2,169,005; Aug. 8.
Nagel, August, Stuttgart, Germany, assignor to The Eastman Kodak Company, Rochester, N. Y. Film spool casette. 2,172,255; Sept. 5.
Nagel, August, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Projection apparatus. 2,172,256; Sept. 5.
Nagel, August, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Roll film for a cassette. 2,176,507; Oct. 17.
Nagel, August, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Height equalizing arrangement for photographic cameras. 2,180,016; Nov. 14.
Nagel, August, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Shutter actuating mechanism for folding cameras. 2,184,000; Dec. 19.
Nagel, George E., Columbus, Ohio. Diffuser plate container for sludge treatment. 2,166,017; July 11.
Nagel, Kurt, assignor to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler, Frankfort-on-the-Main, Germany. Manufacture of surface active agents. 2,148,275; Feb. 21.
Nagel, Theodore. (See Grebe, John J., assignor.)
Nagel, William F., assignor to The Air Konditioning Company, Clermont, Fla. Dispenser. 2,160,602; May 30.
Nagelvoort, Adriaan, Stamford, Conn. Acoustic diaphragm. 2,146,975; Feb. 14.
Nagin, Harry S., Pittsburgh, assignor to Reliance Steel Products Company, Rankin, Pa. Flooring construction. 2,162,742; June 20.
Nagle, Joseph J., Philadelphia, Pa. Wrench. 2,149,541; Mar. 7.
Nagle, Peter J., Rochester, N. Y. Vehicle tire chain. 2,148,492; Feb. 28.
Nagle, Peter J., Rochester, N. Y. Tire chain for vehicles. 2,171,592; Sept. 5.
Nagler, Louis G., et al. (See Doherty, Frank J., assignor.)
Nahigyan, Kevork K., assignor to Riley Stoker Corporation, Worcester, Mass. Pulverized fuel burner. 2,158,521; May 16.
Nahigyan, Kevork K., assignor to Riley Stoker Corporation, Worcester, Mass. Fuel burner. 2,158,522; May 16.
Nahigyan, Kevork K., and L. V. Andrews, assignors to Riley Stoker Corporation, Worcester, Mass. Centrifugal clutch. 2,148,243; Feb. 21.
Naismith, Samuel, assignor to Open Hearth Combustion Company, Chicago, Ill. Gas-port cooler. 2,152,491; Mar. 28.
Najera, Carlos L. (See Brenneis, L., Najera, and Schuck.)
Nakagawa, Shinsaku, Sapporo, assignor to Toyo Tokushu Imono Kabushiki Kaisha, Shimura, Itabashiku, Tokyo, Japan. Manufacturing chilled hollow balls. 2,184,257; Dec. 19.
Nakaoka, Phillip, Venice, assignor of one-half to J. E. Bailie, Los Angeles, Calif. Plant sprayer. 2,144,890; Jan. 24.
Nall, Gibson, assignor of one-half to D. Spalding, Oklahoma City, Okla. Liquid measuring device. 2,174,424; Sept. 26.
Nallinger, Fritz, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft Stuttgart-Unterturkheim, Germany. Heating device for motorcars. 2,151,865; Mar. 28.
Nallinger, Fritz, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Controlling apparatus for an internal combustion engine. 2,155,950; Apr. 25.
Nallinger, Fritz, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Device for adjusting the ignition timing of internal combustion engines. 2,167,902; Aug. 1.
Na-Mac Products Company. (See Hacmac, Edward R., assignor.)
Namiki, Ryosuke, Takinogawa-ku, Tokyo-Shi, Japan. Fountain pen. 2,144,296; Jan. 17.
Nampa, Sulo M., Detroit, Mich., assignor to The Worth Company. Sidesway brace. 2,150,746; Mar. 14.
Nampa, Sulo M., Detroit, Mich., assignor to The Worth Company. Car loading device. 2,160,079; May 30.
Nampa, Sulo M., Detroit, Mich., assignor to The Worth Company. Car loading device. 2,164,661; July 4.
Nampa, Sulo M., assignor to The Worth Company, Detroit, Mich. Car loading device. 2,164,662; July 4.
Nancarrow, George, assignor of one-tenth to D. Downey, Toronto, Ontario, Canada. Race starting device. 2,165,937; July 11.

Nanfeldt, William, Clifton, assignor to World Bestos Corp., Paterson, N. J. Friction material. 2,155,020; Apr. 18.
Nanfeldt, William, Clifton, assignor to World Bestos Corp., Paterson, N. J. Molded friction material. 2,175,480; Oct. 10.
Nantz, Merle E. (See Kinzie, P. A., Savage, and Nantz.)
Napier, D., & Son Limited. (See Ramsay, Frank R. F., assignor.)
Napier, George R., East Lansdowne, Pa. Meat stuffer. 2,157,494; May 9.
Napier, Melvin J., Akron, Ohio, assignor to Lowell Air Conditioning Corporation, Philadelphia, Pa. Ozonizer. 2,155,675; Apr. 25.
Napier, Melvin J., Akron, Ohio, assignor to Lowell Air Conditioning Corporation, Philadelphia, Pa. Adjustable ozonizer. 2,155,676; Apr. 25.
Naples, Angelo F. (See Nardulli, M. J., and Jacobson, assignor).)
Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Brake mechanism for engine driven propellers. 2,142,757; Jan. 3.
Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 2,144,195; Jan. 17.
Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 2,144,196; Jan. 17.
Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Driving mechanism. 2,154,861; Apr. 18.
Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 2,156,602; May 2.
Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting mechanism. 2,156,603; May 2.
Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Explosive mechanism. 2,156,666; May 2.
Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Engine starting apparatus. 2,156,667; May 2.
Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Internal combustion engine. 2,171,257; Aug. 29.
Nardone, Romeo M., assignor to Eclipse Aviation Corporation, East Orange, N. J. Fluid pressure system. 2,177,044; Oct. 24.
Nardone, Romeo M., assignor, by mesne assignments, to Eclipse Aviation Corporation, East Orange, N. J. Internal combustion engine. Re. 21,198; Sept. 5.
Nardulli, Michael J., and H. B. Jacobson, Chicago, Ill.; said Jacobson, assignor, by mesne assignments, of his right to A. F. Naples. Venetian blind. 2,175,549; Oct. 10.
Narrow Fabric Company, The. (See Kaak, Kurt, assignor.)
Narveson, Palmer O., et al. (See Major, Forrest J., assignor.)
Narwid, Cyprian A., Harrison, assignor to Tung-Sol Lamp Works Inc., Newark, N. J. Grid machine and controlling grid bows. 2,176,918; Oct. 24.
Narwid, Cyprian A., Harrison, assignor to Tung-Sol Lamp Works Inc., Newark, N. J. Grid machine and the like. 2,176,919; Oct. 24.
Narwid, Cyprian A., Harrison, assignor to Tung-Sol Lamp Works Inc., Newark, N. J. Manufacture of grids and the like and machine therefor. 2,176,920; Oct. 24.
Nasal Filter Company, The. (See Lawrence, Wayman C., Jr., assignor.)
Nash, Arthur D., Sewickley, Pa., assignor to Pittsburgh Plate Glass Company. Making a coated glass sheet. 2,177,000; Oct. 24.
Nash, Arthur E., Philadelphia, and F. E. Shelly, Jenkintown, assignors to Alcorn Combustion Company, Philadelphia, Pa. Apparatus for heating petroleum. 2,175,211; Oct. 10.
Nash, Benjamin S., Short Hills, N. J. Display device. 2,177,497; Oct. 24.
Nash, Charles P., Jr., assignor of one-half to E. M. Nash, and one-fourth to D. Ribble, Charlottesville, Va. Attachment for smoking appliances. 2,184,054; Dec. 19.
Nash, Daniel J. (See Nash, D. J., and Hatfield, assignors.)
Nash, Daniel J., New York, N. Y. Key case. 2,176,863; Oct. 17.
Nash, Daniel J., New York, N. Y., and R. L. Hatfield, East Orange, N. J., assignors to said D. J. Nash, New York, N. Y. Key pouch. 2,176,677; Oct. 17.
Nash, E. M., et al. (See Nash, Charles P., Jr., assignor.)
Nash-Kelvinator Corporation. (See Baker, Ralph E., assignor.)
Nash-Kelvinator Corporation. (See Burch, Lewis D., assignor.)
Nash-Kelvinator Corporation. (See Cossin, Hursle E., assignor.)
Nash-Kelvinator Corporation. (See Doeg, Ralph W., assignor.)
Nash-Kelvinator Corporation. (See Philipp, L. A., and Bohn, assignors.)
Nash-Kelvinator Corporation. (See Philipp, Lawrence A., assignor.)
Nash-Kelvinator Corporation. (See Thomas, Charles C., assignor.)
Nash, Marie D., et al. (See Nash, William C., assignor.)
Nash, Oscar B., Adrian, Minn. Tractor wheel lug. 2,183,464; Dec. 12.
Nash, Richard L., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Silencing device. 2147,311; Feb. 14.
Nash, Richard L., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,160,190; May 30.
Nash, Roy A., et al. (See Nash, William C., assignor.)
Nash, Roy A., et al. (See Nash, William M., assignor.)
Nash, Russell K., Brookline, assignor to B. B. Chemical Co., Boston, Mass. Coating apparatus for strip material. 2,149,307; Mar. 7.
Nash, William C., assignor to Gilbert & Nash Company, Neenah, Wis. Guide control mechanism. 2,169,706; Aug. 15.
Nash, William C., assignor of one-fifth to M. Jones, one-fifth to M. D. Nash, Neenah, Wis., one-fifth to W. M. Nash, Chicago, Ill., and one-fifth to R. A. Nash, New Rochelle, N. Y. Swivel palm for web shifting devices. 2,172,543; Sept. 12.
Nash, William M., et al. (See Nash, William C., assignor.)
Nash, William M., Chicago, Ill., assignor of one-fourth to R. A. Nash, New Rochelle, N. Y., one-fourth to M. Jones, and one-fourth to M. D. Nash, Neenah, Wis. Coating device for wet paper. 2,157,213; May 9.
Nash, William T., Appomattox, Va. Plow. 2,164,220; June 27.
Nash, William W., Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Balancer. 2,152,969; Apr. 4.
Nashua Manufacturing Company. (See Moberg, Ivar O., assignor.)
Nasmith, John W., Heaton Mersey, Manchester, England. Combing machine. 2,145,491; Jan. 31.
Nasmith, John W., Heaton Mersey, Manchester, England. Combing machine. 2,145,492; Jan. 31.
Nasmith, John W., Heaton Mersey, Manchester, England. Combing machine. 2,154,281; Apr. 11.
Nason, Howard K., St. Louis, assignor to Anderson-Stolz Corporation, Kansas City, Mo. Silicon modified phenolic resins and producing same. 2,182,208; Dec. 5.
Nassau, Max. (See Sommer, F., and Nassau.)
Nassau, Max, Berlin-Wilmersdorf, assignor to the firm Chemische Fabrik Grunau, Landshoff & Meyer Akt. Ges., Berlin-Grunau, Germany. Photographic developer and substances added in preparing the same. 2,164,687; July 4.
Nassau Smelting and Refining Company. (See Bell, C. H., Deitz, and Stein, assignors.)
Nassau Smelting & Refining Company. (See Deitz, Louis S., Jr., assignor.)
Nassimbene, Ernest, assignor to The Gates Rubber Company, Denver, Colo. Endless flexible belt. 2,163,347; June 20.
Nast, Paul H., Royal Oak, Mich., assignor to Sullivan Machinery Company. Drill bit. 2,168,102; Aug. 1.
Natalie, James, Mechanicville, N. Y. Necktie. 2,142,417; Mar. 28.
Nathan, Edwin B., Bronx, N. Y. Bag. 2,144,266; Jan. 17.
Nathan Manufacturing Company. (See Folke, Bengt E., assignor.)
Nathan, Tracy D., Cuyahoga Falls, W. D. Eakin, and F. F. Brucker, Akron, Ohio, assignors to The B. F. Goodrich Company, New York, N. Y. Device for sealing an annular space. 2,145,189; Jan. 24.
Nathanson, Philip, and G. F. Hofmann, Brooklyn, assignors to Charles Kurlan, Inc., New York, N. Y. Elastic fabric. 2,184,751; Dec. 26.
Natick Box and Board Co. (See Vaughn, Marguerite E., assignor.)
National Acme Company, The. (See Drissner, Alfred E., assignor.)
National Acme Company, The. (See Eckardt, Rudolf, assignor.)
National Acme Company, The. (See Hogg, William J., assignor.)
National Adhesive Corporation. (See Fuller, Arthur D., assignor.)
National Airoil Burner Company. (See Ferguson, William, assignor.)
National Aniline & Chemical Company. (See Flett, Lawrence H., assignor.)
National Aniline & Chemical Company. (See Foster, Harold B., assignor.)
National Aniline & Chemical Company. (See Hess, Raymond W., assignor.)
National Aniline and Chemical Company. (See Harte, Charles R., Jr., assignor.)
National Aniline & Chemical Company. (See Herrett, Wilbert A., assignor.)
National Aniline and Chemical Company. (See Kern, Jean G., assignor.)
National Aniline & Chemical Company. (See Kranz, Frederick H., assignor.)
National Aniline & Chemical Company. (See Miller, Alfred, assignor.)
National Aniline and Chemical Company. (See Mow, Harold G., assignor.)
National Aniline & Chemical Company. (See Perkins, Robert L., assignor.)

National Aniline & Chemical Company. (See Punnett, Ellis L., assignor.)
National Aniline and Chemical Company. (See Riegler, Riewen, assignor.)
National Aniline & Chemical Company. (See Robinson, Jack D., assignor.)
National Aniline & Chemical Company. (See Sweet, Alvin J., assignor.)
National Aniline & Chemical Company. (See Woodwell, Carolus S., assignor.)
National Automatic Tool Company, The. (See Bockhoff, H. W., and Rodal, assignors.)
National Automatic Tool Company, The. (See Cregar, Howard, assignor.)
National Automotive Fibres, Inc. (See Mitchell, Allister S., assignor.)
National Automotive Fibres. Inc. (See Mitchell, A. S., and Davies, assignors.)
National Automotive Fibres, Inc. (See Mitchell, A. S., and Ratley, assignors.)
National Aviation Research Corporation. (See Bach, Emmon, assignor.)
National Aviation Research Corporation. (See de Florez, Luis, assignor.)
National Battery Company. (See Breisch, Edgar W., assignor.)
National Battery Company. (See Reetz, Carl G., assignor.)
National Battery Company. (See Snyder, Almond H., assignor.)
National Bearings Metals Corporation. (See Vigne, A., and Cox, assignors.)
National Biscuit Company. (See Davidson, Bruce J., assignor.)
National Biscuit Company. (See Hawkins, Wilford J., assignor.)
National Biscuit Company. (See Hawkins, W. J., and Brownell, assignors.)
National Blank Book Company. (See Schade, Frank S., assignor.)
National Blank Book Company. (See Schade, John, assignor.)
National Bread Wrapping Machine Co. (See Hoppe, William, assignor.)
National Bread Wrapping Machine Co. (See Lyon, Norman W., assignor.)
National Broach & Machine Company. (See Praeg, Walter S., assignor.)
National Brush Company. (See Baumgartner, John G., assignor.)
National Cable & Metal Co. (See Rich, Herbert J., assignor.)
National Carbon Company et al. (See Dorcas, M. J., Supplee and Remesch, assignors.)
National Carbon Company. (See Evans, Morton E., and W. S., assignors.)
National Carbon Company. (See Hamister, Victor C., assignor.)
National Carbon Company. (See Hopkins, Howe H., assignor.)
National Carbon Company. (See Housman, A. J., and Evans, assignors.)
National Carbon Company. (See Kiefer, Edwin F., assignor.)
National Carbon Company. (See Marsal, Paul A., assignor.)
National Carbon Company. (See Myers, Victor A., assignor.)
National Carbon Company. (See Robin, Joseph E., assignor.)
National Carbon Company. (See Schumacher, E. A., and Heise, assignors.)
National Cash Register Company, The. (See Arnold, Charles H., assignor.)
National Cash Register Co., The. (See Aurbach, Kurt, assignor.)
National Cash Register Company, The. (See Berger, Friedrich W. F., assignor.)
National Cash Register Company, The. (See Brand, Samuel, assignor.)
National Cash Register Company, The. (See Breitling, Ernst, assignor.)
National Cash Register Company, The. (See Breitling, E., and Schwenk, assignors.)
National Cash Register Company, The. (See Bullerjahn, Karl, assignor.)
National Cash Register Company, The. (See Davidson, John T., assignor.
National Cash Register Company, The. (See Emberson, Frederick, assignor.)
National Cash Register Company, The. (See Gates, John E., assignor.)
National Cash Register Company. (See Goldberg, Maximilian M., assignor.)
National Cash Register Company, The. (See Green, Charles W., assignor.)
National Cash Register Company, The. (See Gruver, John H., assignor.)
National Cash Register Company, The. (See Lee, Charles L., assignor.)
National Cash Register Company. (See Nelson, Gunnar, assignor.)
National Cash Register Company, The. (See Neureiter, Hubert, assignor.)
National Cash Register Co., The. (See Neureiter, H., and Schwenk, assignors.)
National Cash Register Company, The. (See Placke, Everett H., assignor.)
National Cash Register Company, The. (See Ranglack, Franz, assignor.)
National Cash Register Company, The. (See Robertson, William H., assignor.)
National City Bank of Cleveland, The, as trustee. (See Scrimgeour, William, assignor.)
National Colortype Company, The. (See Grote, Walter F., assignor.)
National Colortype Company, The. (See Ryder, Charles D., assignor.)
National Copper Paint Company. (See Sweeney, H. A., and Pangborn, assignors.)
National Cylinder Gas Company. (See Mott, Chester, assignor.)
National Development Co. (See Lawson, Oscar L., assignor.)
National Drug Company, The. (See Paisley, E. S., and Peters.)
National Electric Products Corporation. (See Corbett, Alfred, assignor.)
National Electric Products Corporation. (See Vollmer, Paul A., assignor.)
National Electric Screen Co. (See Lindsley, Edward A., assignor.)
National Enameling and Stamping Company. (See Smith, Alva T., assignor.)
National Engineering & Mfg. Co. (See Yeager, Milburn E., assignor.)
National Fibre Corporation. (See Skolnik, Max, assignor.)
National Fin-Mix Corporation. (See Fuller, James G., assignor.)
National Fireproofing Corporation. (See Brewer, Arthur S., assignor.)
National Fireproofing Corporation. (See Christie, L. M., Wanner, and Brewer, assignors.)
National Foam System, Inc. (See Blair, George, assignor.)
National Foam System, Inc. (See Boyd, Fisher L., assignor.)
National Folding Box Company. (See Carruth, Herman A., assignor.)
National Folding Box Company. (See Ringler, William A., assignor.)
National Gypsum Company. (See Manofsky, John J., assignor.)
National Gypsum Company. (See Marsh, F. L., and Chads, assignors.)
National Gypsum Company. (See Venzie, Frederick M., assignor.)
National Hops Laboratories, Inc. (See Wood, Lyndon D., assignor.)
National Hydrolator Company. (See O'Neill, F., and Robertson, assignors.)
National Lead Company. (See Alessamdroni, Hugh V., assignor.)
National Lead Company. (See Barton, Louis E., assignor.)
National Lead Company. (See Behr, Gustave E., assignor.)
National Lead Company. (See Carroll, W. P., and Kondrat, assignors.)
National Lead Company. (See Cole, Sandford S., assignor.)
National Lead Company. (See Dahlstrom, Roy, assignor.)
National Lead Company. (See Kingsbury, F. L., and Grave, assignors.)
National Lead Company. (See Washburn, Willis F., assignor.)
National Lead Company. (See Washburn, W. F., Dahlstrom, and McCord, assignors.)
National Lock Co. (See Anderson, Lloyd, assignor.)
National Lock Co. (See Lane, J. H., and (North, assignor).)
National Lock Company. (See Wade, W., and North, assignors.)
National Lock Washer Company, The. (See Blessin, Siegfried E., assignor.)
National Lock Washer Company, The. (See McCrudden, Frederick R., assignor.)
National Lock Washer Company, The. (See Schunk, Joseph, assignor.)
National Machinery Company, The. (See Clouse, William L., assignor.)
National Machinery Company, The. (See Friedman, John H., assignor.)
National Machinery Company, The. (See Frost, Earl R., assignor.)
National Machinery Corporation, The. (See Clouse, William L., assignor.)
National Malleable and Steel Castings Company. (See Bazeley, Arthur J., assignor.)
National Malleable and Steel Castings Company. (See Blackmore, William, assignor.)
National Malleable and Steel Casting Company. (See Byers, Jacob J., assignor.)
National Malleable and Steel Castings Company. (See Hobson, Roy C., assignor.)
National Malleable and Steel Castings Company. (See Kaiser, W., and Balke, assignors.)
National Malleable and Steel Castings Company. (See Lazna, James J., assignor.)

National Malleable and Steel Castings Company. (See Metzger, William J., assignor.)
National Malleable and Steel Castings Company. (See Moriarty, Wilson H., assignor.)
National Malleable and Steel Castings Company. (See Newberry, Thomas E., assignor.)
National Malleable and Steel Castings Company. (See Shafer, James A., assignor.)
National Metal Products Co. (See Johnson, Ben F., assignor.)
National Metallurgical Laboratory. (See Hauke, Charles R., assignor.)
National Office Supply Company. (See Morris, George W., Jr., assignor.)
National Oil Products Company. (See Briod, A. E., and East, assignors.)
National Oil Products Company. (See Fritz, James H., assignor.)
National Oil Products Company. (See Hill, Arnold M., assignor.)
National Oil Products Company. (See Printon, Thomas A., assignor.)
National Oil Seal Co. (See Helfrecht, Fred A., assignor.)
National Oil Seal Co. (See Johnson, Lloyd A., assignor.)
National Oil Seal Co. (See Mosher, Ezra D., assignor.)
National Pectin Products Company. (See Becker, Paul K., assignor.)
National Pneumatic Company. (See Conklin, Roscoe D., assignor.)
National Pneumatic Company. (See Conklin, R. D., and Forman, assignors.)
National Pneumatic Company. (See Forman, Paris R., assignor.)
National Pneumatic Company. (See Parvin, Edward G., assignor.)
National Pressure Cooker Company. (See Wittenberg, Edward H., assignor.)
National Products Corporation. (See Pierson, Willett C., assignor.)
National Pumps Corporation. (See Moore, Fred W., assignor.)
National Road Joint Manufacturing Company. (See Klein, Samuel, assignor.)
National Rubber Machinery Company. (See Iverson, Cato, assignor.)
National Rubber Machinery Company. (See Soderquist, Leslie E., assignor.)
National Safety Appliance Co. Ltd. (See Folker, Herbert P., assignor.)
National Sanitary Butter Dispenser, Inc. (See Knott, Frank W., assignor.)
National Silver Deposit Ware Co. (See Cravaritis, A., and Karlsson, assignors.)
National Slug Rejectors, Inc. (See Fry, B. W., and Gottfried, assignors.)
National Stamping Company. (See Harrison, George R., assignor.)
National Stamping Company. See Lefevre, Emil B. G., assignor.)
National Stamping & Electric Works. (See Stocker, Frederick, assignor.)
National Standard Company. (See Dahlberg, Åke, assignor.)
National-Standard Company. (See Domm, Elgin C., assignor.)
National Standard Company. (See Harrah, Clayton C., assignor.)
National-Standard Company. (See Hormel, August, assignor.)
National Standard Company. (See Koontz, Richard E., assignor.)
National Standard Company. (See Parrish, H. W., and Dickeson, assignors.)
National Standard Company. (See Pierce, Robert C., assignor.)
National-Standard Company. (See Shook, Florian J., assignor.)
National Standard Company. (See White, J. W., Frank, and Shook, assignors.)
National Store Fixture Company, The. (See Goalstone, Herman H., assignor.)
National Steel Barrel Company, The. (See Lockhart, William, assignor.)
National Supply Company, The. (See Babcock, Lloyd L., assignor.)
National Supply Company, The. (See Blevins, Herman G., assignor.)
National Supply Company, The. (See Durrell, E. L., and Archer, assignors.)
National Supply Company, The. (See Eaton, George M., assignor.)
National Supply Company, The. (See Engstrom, Birger, assignor.)
National Supply Company, The. (See Frame, William M., assignor.)
National Supply Company, The. (See Leman, Arthur L., assignor.)
National Supply Company, The. (See Long, Spencer W., assignor.)
National Supply Company, The. (See Mahn, Joseph R., assignor.)
National Supply Company, The. (See Morgan, John S., Jr., assignor.)
National Supply Company, The. (See Spalding, John D., assignor.)

National Supply Company, The. (See Young, Forrest J., assignor.)
National Tank and Manufacturing Company. (See Cahall, William H., assignor.)
National Technical Laboratories. (See Allison, Donald K., assignor.)
National Tinsel Mfg. Co. (See Crosser, David H., assignor.)
National Tube Company. (See Alles, F. W., and Sarber, assignors.)
National Tube Company. (See Anater, Raymond J., assignor.)
National Tube Company. (See Bannister, Bryant, assignor.)
National Tube Company. (See Cook, Howard D., assignor.)
National Tube Company. (See Cook, H. D., and Scharff, assignors.)
National Tube Company. (See Dugan, T. M., and Marton, assignors.)
National Tube Company. (See Dunn, Jerry J., assignor.)
National Tube Company. (See Findlater, Stevenson, assignor.)
National Tube Company. (See Graham, J. B., and Mayer, assignors.)
National Tube Company. (See Heimbach, C. H., and Thompson, assignors.)
National Tube Company. (See Hudson, Harry W., assignor.)
National Tube Company. (See Knight, W. S., and Webb, assignors.)
National Tube Company. (See Long, Louis W., assignor.)
National Tube Company. (See McCloskey, William C., assignor.)
National Tube Company. (See Moise, Bolton C., assignor.)
National Tube Company. (See Moise, B. C., and Rae, assignors.)
National Tube Company. (See Novack, Edward J., assignor.)
National Tube Company. (See Offutt, John W., assignor.)
National Tube Company. (See Parsons, James G., assignor.)
National Tube Company. (See Passmore, Henry E., Jr., assignor.)
National Tube Company. (See Raab, F. C., and Wright, assignors.)
National Tube Company. (See Rearic, Norman F., assignor.)
National Tube Company. (See Simpson, Albert W., assignor.)
National Vulcanized Fibre Company. (See Albert, Gerard A., assignor.)
National Welding Equipment Company. (See Hammon, George L., assignor.)
National Wire Goods Manufacturing Company. (See Boyles, David S., assignor.)
Nation-Wide Manufacturing Corporation. (See Jones, Frederick McK., assignor.)
Natkiel, Harry, assignor to P. L. Shelby, New York, N. Y. Haircurler. 2,150,871; Mar. 14.
Nattenheimer, Martin L., Chicago, Ill. Fastening device. 2,161,632; June 6.
Natural Food Products Company. (See Stephens, Henry C., assignor.)
Natural Food Products Company. (See Stephens, H. C., and Hoar, assignors.)
Natural Gas Equipment Inc. (See Thomas, John V., assignor.)
Naturin Gesellschaft mit beschränkter Haftung. (See Becker, Oskar W., assignor.)
Nauclér, Johan O., Stockholm, Sweden. Method and apparatus for destroying froth. 2,184,195; Dec. 19.
Nauert, Carl H., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigerator shelf. 2,159,601; May. 23.
Naugle, John J. (See Wadsworth, D. V., and Wickenden, assignors.)
Nault, Maurice. (See Desmarais, Hormidas, assignor.)
Naulty, James N., East Orange, N. J. Cushion. 2,150,747; Mar. 14.
Naumann, Friedrich K., Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Manufacture of articles from steel alloys. 2,157,653; May 9.
Naumann, Friedrich K., Essen, assignor to Fried. Krupp Aktiengesellschaft, Essen-on-the-Ruhr, Germany. Manufacture of articles from steel alloys. 2,157,654; May 9.
Naumann, Willy, assignor to Anker-Werke, A. G., Bielefeld, Germany. Registering machine for different money standards. 2,144,739; Jan. 24.
Naumburg, Robert E. (See Messing, L. N., and Naumburg.)
Naumkead Steam Cotton Company. (See Dick, Rudolph C., assignor.)
Navaratiel, Hans. (See Fessler, A. H., and Navaratiel.)
Nave, Alfred E. (See Collins, W. D., and Nave.)
Nave, Alfred E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigerator door latch. 2,181,493; Nov. 28.
Navias, Louis, Schenectady, N. Y., assignor to General Electric Company. Ceramic body. 2,153,000; Apr. 4.

Navias, Louis, Schenectady, N. Y., assignor to General Electric Company. Electric heater. 2,170,692; Aug. 22.
Nay, Bert, Greggton, Tex. Swivel joint hard oil remover. 2,145,190; Jan. 24.
Naylor, Carl G., assignor to Naylor Patents Corporation, Chicago, Ill. Hand brake. 2,174,668; Oct. 3.
Naylor, Herbert C., Ontario, Calif. Condiment holder. 2,176,184; Oct. 17.
Naylor, Cash E., Grand Rapids, Mich. Building block. 2,146,549; Feb. 7.
Naylor, Ira, and B. Yost, Winegars, Mich. Polish rod clamp. 2,153,474; Apr. 4.
Naylor Patents Corporation. (See Naylor, Carl G., assignor.)
Naylor Patents Corporation. (See Sale, William H., assignor.)
Nayman, John E., Sr., Warren, Ohio. Curtain hanger. 2,151,223; Mar. 21.
Neal, Arthur M. (See Williams, I., and Neal.)
Neal, Arthur M., and G. C. Strouse, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of derivatives of N-phenyl-arylamines. 2,156,792; May 2.
Neal, Arthur M., Wilmington, Del., and G. C. Strouse, East Aurora, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of derivatives of N-phenyl-arylamines. 2,156,793; May 2.
Neal, Chester T., Springfield, assignor to Gilbert & Barker Manufacturing Company, West Springfield, Mass. Switch handle control mechanism for dispensing pumps. 2147,126; Feb. 14.
Neal, Ernest C., assignor to Railway Track Joint Corporation, Coquille, Oreg. Railway rail fastening. 2,181,408; Nov. 28.
Neal, James O., Bremerton, Wash. Fuel and air mixer. 2,152,206; Mar. 28.
Neal, Joseph W., Springfield, assignor of one-fourth to T. S. and G. V. Dayton, and fifty-five per cent to H. C. Kendall, Portland, Oreg. Guitar. 2,183,579; Dec. 19.
Neal, Ralph H. (See Haurand, C. H., Neal, and Vahlteich.)
Neal, Younger. (See Carr, R. H., Saxon, Hebard, and Neal.)
Neale, Charles E. (See Gostin, B. F., and Neale.)
Neale, Charles F. (See Kronsbein, John, assignor.)
Neale, John E., and A. Guest, Coventry, England. Tubular water heater or geyser. 2,180,907; Nov. 21.
Neale, William M., et al. (See Cox, T. V., and Neale.)
Neaman, Harry I., et al. (See Carney, Daniel E., assignor.)
Near, Lloyd B., La Crescenta, and S. G. Gillette, Alhambra, Calif., assignors to Los Angeles By-Products Co. Combined crushing and feeding device for junk shredding machines. 2,150,984; Mar. 21.
Neats, Clarence P. and L. P., East Orange, N. J. Sewing kit. 2,181,766; Nov. 28.
Neats, Lester P. (See Neats, Clarence P. and L. P.)
Nebel, Max, Chemnitz, Germany. Circular knitting machine. 2,143,630; Jan. 10.
Nebel, Walter, Parlin, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Coating composition. 2,168,040; Aug. 1.
Nebelung, Raymond E. (See Longwell, F. L., and Nebelung.)
Neckar Company. (See Contant, Peter M., assignor.)
Neckel, Edmund N., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Neckband clamp. 2,170,061; Aug. 22.
Neckel, Edmund N., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Control for pressing machines. 2,171,593; Sept. 5.
Neckel, Edmund N., Cincinnati, assignor to The American Laundry Machinery Company, Norwood, Ohio. Folding machine. 2,177,262; Oct. 24.
Neckerman, Wilson R., Pittsburgh, Pa. Lock. 2,166,690; July 18.
Nedal, Peder, Meadville, Pa., assignor to Talon, Inc., Machine for cutting slide fastener strips. 2,170,609;
Nederbragt, Gerrit W., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Fractionating hydrocarbon oils. 2,180,763; Nov. 21.
Nederlandsche Maatschappij "Sogedio" N. V. (See Utermöhlen, Gerhard P., assignor.)
Nedvidek, Robert D. (See MacRill, J. R., and Nedvidek.)
Neebe, Lawrence L., Woodbury, N. J. Ball and slip joint for locomotive steam pipes. 2,175,550; Oct. 10.
Neece, Frank J., Chicopee Falls, Mass. Thermally-actuated circuit breaker. 2,157,560; May 9.
Needels, William J., Cincinnati, Ohio. Incubator. 2,152,492; Mar. 28.
Needham, Howard H., Wauwatosa, and H. A. Schmitz, Jr., and F. K. Zerbe, assignors to A. O. Smith Corporation, Milwaukee, Wis. Supporting means for ladles. 2,165,066; July 4.
Needham, Howard H., Wauwatosa, and F. K. Zerbe, assignors to A. O. Smith Corporation, Milwaukee, Wis. Quick opening pressure vessel. 2,166,999; July 25.
Needham, Joseph, Passaic, N. J. Variable speed reducer. 2,152,207; Mar. 28.
Needham, Virgil, assignor of one-half to F. C. Kirkpatrick, Osceola, Ark. Spring latch for cultivators. 2,142,454; Jan. 3.
Needham, Virgil, assignor of one-eighth to F. C. Kirkpatrick, Osceola, Ark. Adjustable cultivator foot. 2,142,455; Jan. 3.
Needham, William. (See Sykes, C., and Needham.)
Needle, Haskell C. (See Daly, R. E., Walsh, and Needle.)
Needle, Haskell C. (See Stein, L., Walsh, and Needle.)
Needle, Haskell C. (See Walsh, J. F., and Needle.)
Needle, Haskell C., Chicago, Ill., assignor to American Maize-Products Company. Fermentation process for producing lactic acid and lactates. 2,143,360; Jan. 10.
Neel, Randolph D., Colorado, Tex. Cultivator. 2,176,821; Oct. 17.
Neely, George L., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Compounded mineral oil. 2,144,078; Jan. 17.
Neely, George L., and F. W. Kavanagh, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Compounded lubricating oil 2,163,622; June 27.
Neely, George L., F. W. Kavanagh, and B. B. Farrington, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Solid and semisolid lubricating composition. 2,176,509; Oct. 17.
Neely, John M., Lincoln, Nebr. Head rest for X-ray machines. 2,151,224; Mar. 21.
Neely, Raymond J. (See Dalzell, C. B., and Neely.)
Nees, Alpheus R. (See Brown, R. J., Nees, and Carney.)
Neesen, Oscar, Orth-on-the-Danube, and F. A. Siess, Munich, Germany, assignors of one-third to J. Herly, Milwaukee, Wis., and one-third to Landund Forstwirtschaft-liche Betriebsgesellschaft, m. b. H., Vienna, Austria. Making building panels. 2,157,622; May 9.
Neeson, Charles R., Dayton, Ohio, assignor, by mesne assignments, to Chrysler Corporation, Highland Park, Mich. Pump. 2,151,482; Mar. 21.
Neeson, Charles R., Dayton, Ohio, assignor, by mesne assignments, to Chrysler Corporation, Highland Park, Mich. Two-cylinder compressor. 2,179,268; Nov. 7.
Neeson, Charles R., and F. B. Conlon, Dayton, Ohio, assignors, by mesne assignments, to Chrysler Corporation, Highland Park, Mich. Railroad refrigerant compressor drive. 2,173,285; Sept. 19.
Neff, Claude R., assignor to The Neff & Fry Company, Camden, Ohio. Burial Vault. 2,150,778; Mar. 14.
Neff & Fry Company, The. (See Neff, Claude R., assignor.)
Neff, Lucius S. (See De Land, Robert E., assignor.)
Neff, Samuel G., Fort Peck, Mont. Pole or pile pulling device. 2,160,891; June 6.
Neff, Samuel G., Fort Peck, Mont. Post or pile pulling device. 2,160,892; June 6.
Neff, Samuel G., Fort Peck, Mont. Grapple jet device. 2,176,921; Oct. 24.
Neff, Sidney L., Salt Lake City, Utah. Door lock and latch for closures. 2,147,916; Feb. 21.
Negbaur, H., & Co. (See Negbaur, H., and Nyden, assignors.)
Negbaur, H., & Co. (See Negbaur, Harry, assignor.)
Negbaur, Harry, New York, N. Y. Holder for cigarette packs. 2,148,319; Feb. 21.
Negbaur, Harry, New York, N. Y. Battery operated lighter. 2,183,382; Dec. 12.
Negbaur, Harry, assignor to H. Negbaur & Co., Inc., New York, N. Y. Lighter. 2,159,769; May 23.
Negbaur, Harry, New York, and R. Nyden, Long Island City, assignors to H. Negbaur & Co., Inc., New York, N. Y. Receptacle. 2,155,613; Apr. 25.
Negus, Robert L., assignor to Aqua-Electric Corporation, Limited, Halifax, Nova Scotia, Canada. Method of and apparatus for purifying water. 2,161,721; June 6.
Nehls, Walter, Berlin-Haselhorst, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Metallic vapor discharge device. 2,157,913; May 9.
Neidich Cel-Lus-Tra Corporation. (See Mendel, W., and Titone, assignor.)
Neidich, George G., New York, N. Y. Making duplicate copies. 2,146,976; Feb. 14.
Neidich, George G., New York, N. Y. Duplicating apparatus. 2,177,578; Oct. 24.
Neidich, Samuel A., Burlington, N. J. Ribbon ink composition. 2,160,511; May 30.
Neidich, Samuel A., Ventnor, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Photographic line-justifying apparatus. 2,160,277; May 30.
Neidich, Samuel A., Ventnor City, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Reduplicative sheet. 2,163,958; June 27.
Neidich, Samuel A., Ventnor City, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Applying work upon lithographic plates. 2,142,250; Jan. 3.
Neidich, Samuel A., Burlington, N. J., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Typewriter ribbon. 2,167,990; Aug. 1.
Neidich, Samuel A., Burlington, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriter ribbon. 2,174,351; Sept. 26.
Neidrich Cel-lus-tra Corporation. (See Mendel, William, assignor.)
Neighbors, Charles C. (See Crossley, A., and Neighbors.)
Neighbors, Glen H., Shreveport, La. Well tool. 2,153,268; Apr. 4.
Neighbour, Leonard B. (See Butter, R. A., and Neighbour.)

Neil, Clifford A. (See Bjornson, Ingvard.)
Neil, Wm. P., Company. (See Edison, John S., assignor.)
Neiley, Stephen B., Winchester, assignor to Dewey and Almy Chemical Company, North Cambridge, Mass. Manufacture of articles from aqueous rubber dispersions. 2,172,400; Sept. 12.
Neill, Robert L., Birmingham, England, assignor to Bendix Aviation Corporation, Chicago, Ill. Control of motor vehicle clutches. 2,170,868; Aug. 29.
Neils, Raymond E. (See Flynn, T. P., and Neils.)
Neils, Walter. (See Knudson, J., and Neils.)
Neilson, Howard R., Detroit, Mich. Material for cleaning and preparing metal for paint. 2,166,476; July 18.
Neilson, John P. E., Quincy, assignor to Meisel Press Manufacturing Company, Boston, Mass. Printing cylinder. 2,157,621; May 9.
Neisler Mills, Incorporated. (See Short, Wade H., assignor.)
Neisworth, Thomas J., Millvale, Pa. Gutter suspension. 2,144,225; Jan. 17.
Neithold, Carl. (See Jullmann, Ernst, assignor.)
Neitzel, Henry C. (See Knapp, L. J., and Neitzel.)
Neitzke, Oscar F., Belmont, assignor to Bennett Incorporated, Cambridge, Mass. Machine for mixing, homogenizing, and dispersing purposes. 2,159,670; May 23.
Nekolny, Kurt, assignor of two-thirds to M. Lajta, Budapest, Hungary. Device for the indication of radio transmissions. 2,164,161; June 27.
Nekolny, Kurt, assignor of two-thirds to Dr. M. Lajta, Budapest, Hungary. Indicating system. 2,173,560; Sept. 19.
Nekowitsch, John E., et al. (See Museus, Melvin O., assignor.)
Nekowitsch, Stephen, et al. (See Museus, Melvin O., assignor.)
Neldel, Hans. (See Meyer, W., and Neldel.)
Nell, Mildred, New York, N. Y., assignor to Lucien Lelong, Inc., Chicago, Ill. Package. 2,173,235; Sept. 19.
Nelles, Maurice H., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Production of glutaric acid. 2,168,844; Aug. 8.
Nelles, Russell E., South Orange, N. J., assignor to The Union Manufacturing Company, New Britain, Conn. Monorail. 2,163,888; June 27.
Nelles, Russell E., South Orange, N. J., assignor to The Union Manufacturing Company, New Britain, Conn. Track hanger. 2,175,087; Oct. 3.
Nelms, George C. (See Wilbur, W. K., and Nelms.)
Nelms, George C., assignor to Portable Lamp and Equipment Co., Pittsburgh, Pa. Blast discharge controlling circuit maker. 2,179,052; Nov. 7.
Nelsen, Marvin, and T. Obszarny, assignors to Guardian Electric Manufacturing Co., Chicago, Ill. Switch. 2,171,044; Aug. 29.
Nelson, Adolph L., Detroit, Mich. Piston. 2,149,862; Mar. 7.
Nelson, Albert, Chicago, Ill., assignor to The American Brake Shoe and Foundry Company, New York, N. Y. Brake shoe. 2,146,909; Feb. 14.
Nelson, Albert C., Flushing, N. Y., assignor to Westinghouse X-Ray Company, Inc. X-ray tube stand. 2,154,524; Apr. 18.
Nelson, Andrew W., assignor to Columbian Enameling & Stamping Co., Inc., Terre Haute, Ind. Bail attaching means. 2,144,661; Jan. 24.
Nelson, Arthur W., Park Ridge, assignor to Locomotive Firebox Company, Chicago, Ill. Locomotive firebox. 2,168,625; Aug. 8.
Nelson, August W., North Branch, Minn. Brace for fence posts. 2,147,496; Feb. 14.
Nelson Axel A., et al. (See Harper, Thomas C., assignor.)
Nelson, Bert J. (See Coles, W. H., and Nelson.)
Nelson, Charles S. (See Benner, R. C., Wooddell, and Nelson.)
Nelson, Clyde A., Milford, Del. Package for plastic material. 2,171,708; Sept. 5.
Nelson, Curtis O., Belleville, Ill. Container closure. 2,161,230; June 6.
Nelson, David J., assignor to Martin & Schwartz, Inc., Buffalo, N. Y. Gas and liquid pumping and separating apparatus. 2,150,125; Mar. 7.
Nelson, David V., Chicago, Ill. Cleaning apparatus. 2,159,176; May 23.
Nelson, Earl C., Detroit, Mich. Key container. 2,180,717; Nov. 21.
Nelson, Edwin F. (See Flock, B. J., and Nelson.)
Nelson, Edwin F., assignor to Universal Oil Products Company, Chicago, Ill. Cracking hydrocarbon oils. 2,142,675; Jan. 3.
Nelson, Edwin F., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. 2,170,275; Aug. 22.
Nelson, Edwin F., assignor to Universal Oil Products Company, Chicago, Ill. Treatment of olefin hydrocarbons. 2,176,354; Oct. 17.
Nelson, Emil A., St. Clair Shores, Mich., assignor of fifty per cent to D. Young and twenty-five per cent to F. W. Gay. Wheel construction. 2,148,995; Feb. 28.
Nelson, Floyd R., assignor to Cotta Transmission Corporation, Rockford, Ill. Coal distributor for stoker retorts. 2,150,035; Mar. 7.
Nelson, Franklin C., Roselle, N. J., assignor to Stanco, Incorporated. Wetting and spreading agent for oils. 2,170,644; Aug. 22.
Nelson, George R., Sr., Almelund, Minn. Detachable tire tread. 2,157,004; May 2.
Nelson, George T., Lebanon, Tenn. Foot for expansion joint setting apparatus. 2,153,475; Apr. 4.
Nelson, George T., Lebanon, Tenn. Expansion joint setting apparatus. 2,182,302; Dec. 5.
Nelson, Gunnar, assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,176,145; Oct. 17.
Nelson, Gustaf A., Brooklyn, N. Y. Snap-action device. 2,179,099; Nov. 7.
Nelson, Hans A., Exira, Iowa. Chain fastener. 2,145,990; Feb. 7.
Nelson, Harry H., assignor to H. K. Lorentzen, New York, N. Y. Venetian blind tilting structure. 2,174,994; Oct. 3.
Nelson, Harry T., Dallas, Tex. Airplane. 2,176,185; Oct. 17.
Nelson, Henry A., assignor of one-third to F. G. Shepard and one-third to J. I. Rose, De Kalb, Ill. Scraper tool. 2,146,644; Feb. 7.
Nelson, Henry E., Everett, Wash. Oil burner. 2,156,542; May 2.
Nelson, Herbert, Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge amplifier. 2,175,697; Oct. 10.
Nelson, Herbert L., Jr., assignor of one-third to L. Robinson, Chicago, Ill. Bottle stopper. 2,143,494; Jan. 10.
Nelson, Herman, Corporation, The. (See Nelson, Richard H., assignor.)
Nelson, Herman O., Doty, Wash. Overhead logging. 2,173,127; Sept. 19.
Nelson, Howard M., assignor to Stratton & Terstegge Co., Louisville, Ky. Minnow bucket. 2,182,160; Dec. 5.
Nelson, Hugo, assignor to Reliance Die & Stamping Company, Chicago, Ill. Variable condenser plate mounting. 2,155,201; Apr. 18.
Nelson, Jabez C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Agitator for washing machines. 2,150,454; Mar. 14.
Nelson, Jabez C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Agitator for washing machines. 2,167,218; July 25.
Nelson, John B., assignor to Eastman Kodak Company, Rochester, N. Y. Film winding mechanism. 2,150,696; Mar. 14.
Nelson, John B., assignor to Eastman Kodak Company, Rochester, N. Y. Camera latch. 2,152,081; Mar. 28.
Nelson, John B., assignor to Eastman Kodak Company, Rochester, N. Y. Shutter rebound stop. 2,153,153; Apr. 4.
Nelson, John G., Salt Lake City, Utah. Apparatus for dispensing carbonated water. 2,184,397; Dec. 26.
Nelson, John H., Jr., Cadott, Wis. Sheet metal bending machine. 2,162,855; June 20.
Nelson, John W., Brainerd, Minn. Clamp. 2,157,345; May 9.
Nelson, Lester E., Long Beach, and V. H. Nelson, Fillmore, Calif. Frost preventing machine. 2,165,148; July 4.
Nelson, Mart. (See Smart, L. R., and Nelson.)
Nelson, Martin L., Park Ridge, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Signaling system. 2,157,860; May 9.
Nelson, Martin L. (See Robinson, H. C., Bellamy, and Nelson.)
Nelson, Martin L., Park Ridge, Ill., and L. Johnston, Providence, R. I., assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Recording system. 2,183,820; Dec. 19.
Nelson, Mary B., Weston, Nebr. Skirt hanger or the like. 2,160,785; May 30.
Nelson, Max, New York, N. Y. Garment. 2,147,265; Feb. 14.
Nelson, Nels H., Minneapolis, Minn. Automotive vehicle. 2,155,147; Apr. 18.
Nelson, Nels H., Minneapolis, Minn. Boat propelling device. 2,172,401; Sept. 12.
Nelson, Nels T., assignor to J. F. Sturdy's Sons Company, Attleboro Falls, Mass. Extension device. 2,150,872; Mar. 14.
Nelson, Oscar F., et al. (See Harper, Thomas C., assignor.)
Nelson, Oscar J., assignor to The Hoover Company, North Canton, Ohio. Electrical connector. 2,182,446; Dec. 5.
Nelson, Oscar M., Chicago, Ill. Burglar alarm. 2,178,489; Oct. 31.
Nelson, Richard H., assignor to The Herman Nelson Corporation, Moline, Ill. Furnace. 2,172,667; Sept. 12.
Nelson, Robert E., Pasadena, Calif. Fuel injection system. 2,145,429; Jan. 31.
Nelson, Robert O., deceased, Portland, Oreg., by The Engineering & Research Corporation, East Norwalk, Conn., assignee. Variable traffic signal. Re. 21,084; May 16.
Nelson, Rolland D., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Electrical protecting device. 2,172,640; Sept. 12.
Nelson, Rudolph S., Larchmont, N. Y., assignor to The Hoover Company, North Canton, Ohio. Room cooling apparatus. Re. 21,298; Dec. 12.
Nelson, Rudolph S., Larchmont, N. Y., assignor to The Hoover Company, North Canton, Ohio. Absorption refrigerating system. 2,167,903; Aug. 1.

Nelson, Rudolph S., Larchmont, N. Y., assignor to The Hoover Company, North Canton, Ohio. Heat exchanger. 2,185,001; Dec. 26.
Nelson, Rudolph S., Rockford, assignor to The Hoover Company, North Canton, Ohio. Absorption refrigerating apparatus. 2,152,269; Mar. 28.
Nelson, Rudolph S., assignor to The Hoover Company, North Canton, Ohio. Absorption refrigerating system. 2,156,953; May 2.
Nelson, Rudolph S., assignor to The Hoover Company, North Canton, Ohio. Absorption refrigerating apparatus. 2,178,603; Nov. 7.
Nelson, Rudolph S., assignor to The Hoover Company, North Canton, Ohio. House cooling system. 2,183,821; Dec. 19.
Nelson, Rudolph S., Larchmont, N. Y., and C. C. Coons, assignors to The Hoover Company, North Canton, Ohio. Refrigeration. 2,156,954; May 2.
Nelson, Russell B. (See Edwards, O. M., and Nelson.)
Nelson, Russell B., Onondaga, assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Window construction. 2,175,909; Oct. 10.
Nelson, Russell B., Onondaga, assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Window construction. 2,157,425; May 9.
Nelson, Russell B., Onondaga, assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Window construction. 2,157,426; May 9.
Nelson, Russell B., Onondaga, assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Double window construction. 2,179,668; Nov. 14.
Nelson, Stewart, New York, N. Y. Frankfurter broiler. 2,152,208; Mar. 28.
Nelson, Talbert G., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,155,993; Apr. 25.
Nelson, Thomas E., Pontiac, Mich. Oil seal. 2,173,075; Sept. 12.
Nelson, Valfred L., Clarksburg, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Glass press. 2,146,346; Feb. 7.
Nelson, Verner A., Minneapolis, Minn., assignor of one-half to J. Whelan, New York, N. Y. Seal for bags. 2,170,089; Aug. 22.
Nelson, Vernon H. (See Nelson, Lester E., and V. H.)
Nelson, Victor K., Glen Afton, Ontario, Canada. Retaining device for pneumatic drills. 2,156,510; May 2.
Nemec, Joseph, Western Springs, Ill., assignor to The Midland Company, South Milkaukee, Wis. Car door construction. 2,145,403; Jan. 31.
Német, Nándor, Pestujhely, assignor of fifty-five per cent to H. de Csarada, and forty-five per cent to B. V. Vertel, Budapest, Hungary. Electric heating device for vulcanizing tubes of motorcar or motorcycle tires. 2,142,281; Jan. 3.
Nemeth, John L., South Bend, Ind. Socket switch 2,179,797; Nov. 14.
Nemeth, Steffen P., Chicago, Ill. Oscillating fluid impeller. 2,143,024; Jan. 10.
Nemetz, Gustav, assignor to firm Alex. Friedmann, Vienna, Austria. Axle bearing for railway vehicles. 2,158,905; May 16.
Nemnich, Gustav, assignor to Kin-o-Lux, Inc., New York, N. Y. Film editing and viewing and guiding device. 2,174,194; Sept. 26.
Nemoede, Paul A., Louisville, Ky., assignor to Container Corporation of America, Chicago, Ill. Carton. 2,152,911; Apr. 4.
Nenni, Silvio, Kingston, N. Y. Combination repair heel. 2,145,778; Jan. 31.
Nenninger, Lester F., Cincinnati, and E. G. Roehm, Norwood, assignors to The Cincinnati Milling Machine Company, Cincinnati, Ohio. Operating control mechanism for milling machines. 2,164,884; July 4.
Neocell Products Corporation. (See Bratring, Kurt, assignor.)
Neo-Gravure Printing Co. Inc. (See Peterson, Claus F., assignor.)
Neon Products, Inc. (See Howenstine, James A., assignor.)
Neon Products, Inc. (See Howenstine, James A., assignor.)
Neon Research Corporation, The. (See Mitscherling, Waldemar O., assignor.)
Neo-Rite Company. (See Van Bain, William, assignor.)
Neptune, Herman P., Los Angeles, Calif. Form clamp. 2,161,379; June 6.
Neptune, Herman P., Los Angeles, Calif. Form clamp. 2,168,714; Aug. 8.
Neptune Meter Company. (See Hazard, Charles S., assignor.)
Neptume Meter Company. (See Kampf, Harry E., assignor.)
Neracher, Carl A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Making gears. 2,151,435; Mar. 21.
Neracher, Carl A., and A. J. Syrovy, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Clutch. 2,182,385; Dec. 5.
Neracher, Carl A., and W. T. Dunn, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,147,750; Feb. 21.
Neracher, Carl A., Detroit, and T. Iavelli, Dearborn, assignors to Chrylser Corporation, Highland Park, Mich. Power transmission. 2,159,339; May 23.
Neracher, Carl A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Clutch. 2,162,784; June 20.
Neracher, Carl A., and W. T. Dunn, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,162,785; June 20.
Neracher, Carl A., and W. T. Dunn, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,170,869; Aug. 29
Neracher, Carl A., T. Iavelli, and A. J. Syrovy, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,173,655; Sept. 19.
Neresheimer, Heinrich, and A. Vilsmeier, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Condensation products of the perylene series. 2,158,296; May 16.
Neresheimer, Heinrich, and A. Vilsmeier, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Producing compounds of the perylene series. 2,178,521; Oct. 31.
Nerney, George E., Attleboro, assignor to Bay State Optical Company, Bristol, Mass. Eyeglass construction. 2,182,970; Dec. 12.
Nerwin, Hubert, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic camera. 2,176,679; Oct. 17.
Nesaloy Products, Inc. (See Ness, Harold J., assignor.)
Nesbitt, Francis G. (See Crane, C. J., and Nesbitt.)
Nesbitt, Francis G., Dayton, Ohio. Variable speed correction for automatic pilots. 2,176,922; Oct. 24.
Nesbitt, Orville W., assignor of one-third to Z. J. Sermopoulas, Chicago, Ill. Tire chain. 2,179,983; Nov. 14
Ness, Charles, Indianapolis, Ind., assignor to Oxweld Acetylene Company. Hydraulic back pressure arrester. 2,157,914; May 9.
Ness, Edward F., assignor to Morris Packaging Equipment Company, Toledo, Ohio. Print feeding mechanism for wrapping and packaging machines. 2,152,970; Apr. 4.
Ness, Edward F., assignor to Morris Packaging Equipment Company, Toledo, Ohio. Print forming and wrapping mechanism. 2,162,106; June 13.
Ness, Harold J., Bloomfield, N. J., assignor to Nesaloy Products, Inc., New York, N. Y. Metallurgical process and apparatus. 2,181,092; Nov. 21.
Ness, Harold J., Bloomfield, N. J., assignor to Nesaloy Products, Inc., New York, N. Y. Heat treatment of metals. 2,181,093; Nov. 21.
Ness, Harold J., Bloomfield, N. J., assignor to Nesaloy Products, Inc., New York, N. Y. Metallurgical process. 2,181,094; Nov. 21.
Ness, Harold J., Bloomfield, N. J., assignor to Nesaloy Products, Inc., New York, N. Y. Heating torch. 2,181,095; Nov. 21.
Ness, Harold J., Bloomfield, N. J., assignor to Nesaloy Products, Inc., New York, N. Y. Production of ferreous metals. 2,181,096; Nov. 21.
Ness, Harold J., Bloomfield, N. J., assignor to Nesaloy Products, Inc., New York, N. Y. Furnace. 2,181,097; Nov. 21.
Ness, William H. C., and M. B. Sawyer, Los Angeles, Calif. Portable exhauster. 2,160,278; May 30.
Nessell, Clarence W., Dayton, Ohio, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,143,569; Jan. 10.
Nessell, Clarence W., Dayton W., Dayton, Ohio, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Filter protection. 2,159,951; May 23.
Nessell, Clarence W., Dayton, Ohio, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning control system. 2,170,388; Aug. 22.
Nessell, Clarence W., Forest Park, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Lighting control system. 2,180,764; Nov. 21.
Nestle-Le Mur Company, The. (See Rohland, Curt J., assignor.)
Nestor Johnson Mfg. Co. (See Johnson, Charles I., assignor.)
Netkowski, Alexander I., New York, N. Y. Arch supporter. 2,163,260; June 20.
Netter, Frank H., New York, N. Y. Demonstration apparatus. 2,158,906; May 16.
Netting, Eleanor S. (See Trafford, James E., assignor.)
Netz, Ralph M., Perrysburg, Ohio. Surface section for signs. 2,175,698; Oct. 10.
Netzschkauer, Maschinenfabrik Franz Stark & Söhne. (See Fuss, Johann, assignor.)
Neu, Adam. (See Coward, Ashby B., assignor.)
Neu, Richard, Dessau-Rosslau/Anhalt, assignor, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland. Activator for oxygen baths. 2,176,508; Oct. 17.
Neubauer, Emil T. P., and A. B. Newton, assignors to York Ice Machinery Corporation, York, Pa. Refrigeration. 2,150,076; Mar. 7.
Neubert, William M., Knoxville, Tenn. Air conditioning apparatus. 2,175,758; Oct. 10.
Neufeld, Jacob, Tulsa, Okla. Electric translating system. 2,147,170; Feb. 14.
Neugebauer, Franz, Dessau-Alten, assignor to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft, Dessau, Germany. Machine set. 2,149,785; Mar. 7.

Neugebauer, Wilhelm, Wiesbaden-Biebrich, Germany, assignor, by mesne assignments, to Alba Pharmaceutical Company, Inc., New York, N. Y. Disinfecting means. 2,155,504; Apr. 25.
Neuhaus, Max. (See Gee, W. P., and Neuhaus.)
Neuhauss, Arthur, Burgstadt, Germany. Circular knitting machine. 2,157,300; May 9.
Neuhof, Bruno, Berlin, Germany. Manufacture of insulating bodies. 2,162,386; June 13.
Neukirsch, Frank, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Tube bender. 2,153,935; Apr. 11.
Neuklis, Frank, Tamaqua, Pa. Amusement device. 2,157,798; May 9.
Neumair, Joseph A. (See Rundell, R. E., and Neumair.)
Neumair, Joseph A., Hollis, N. Y., assignor to International Cigar Machinery Company. Banding mechanism. 2,169,591; Aug. 15.
Neuman, Arthur O., San Antonio, Tex. Dam construction. 2,178,916; Nov. 7.
Neuman, Harold A., Superior, Wis. Attachment for road grader blades. 2,156,190; Apr. 25.
Neuman, Harry G. (See Neuman, Jacob J. and H. G.)
Neuman, Jacob J., Jamaica, assignor to United States Patent Development and Royalty Company, South Salem, N. Y. Automatic control. 2,145,227; Jan. 24.
Neuman, Jacob J., Jamaica, assignor to United States Patent Development and Royalty Company, South Salem, N. Y. Automatic control of centrifugal extractors. 2,145,228; Jan. 24.
Neuman, Jacob J., South Salem, N. Y. Conveyer for granular materials. 2,157,301; May 9.
Neuman, Jacob J., Jamaica, and H. G. Neuman, Yorktown Heights, N. Y. Bag filling device. 2,159,858; May 23.
Neuman, Jacob J., Jamaica, and H. G. Neuman, Yorktown Heights; said J. J. Neuman assignor to United States Patent Development and Royalty Company, South Salem, N. Y. Bag filling device. 2,156,224; Apr. 25.
Neuman, Jacob J., South Salem, N. Y. Automatic motor control. 2,183,491; Dec. 12.
Neumann, Alfred, St. Louis, Mo., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inserting machine. 2,164,468; July 4.
Neumann, Georg, Berlin, Germany. Magnetic coupling. 2,178,641; Nov. 7.
Neumann, Hans. (See Dannöhl, W., and Neumann.)
Neumann, John, Baltimore, Md. Safety heel. 2,157,184; May 9.
Neumann, Leopold, Vienna, Austria, assignor to the firm Ronag A. G., Chur, Switzerland. Accessory attachment for sound recording apparatus. 2,161,231; June 6.
Neumann, Leopold, Vienna, Austria, assignor to the firm Ronag A. G., Bahnhofplatz, Chur, Switzerland. Telephone apparatus. 2,161,232; June 6.
Neuner, Fred W., et al. (See McConnell, Robert G., assignor.)
Neunherz, Herbert W., Gardner, Mass. Apparatus for assembling frames. 2,144,079; Jan. 17.
Neureiter, Hubert, Essen-Ruhr, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Repeat mechanism for cash registers and like machines. 2,167,771; Aug. 1.
Neureiter, Hubert, and H. Schwenk, Essen, Germany, assignors, by mesne assignments, to The National Cash Register Co., Dayton, Ohio. Bookkeeping machine. 2,176,146; Oct. 17.
Neuroth, Hermann, Wiesbaden, assignor to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Treating cellulose ethers. 2,176,678; Oct. 17.
Neuschastle, Edward, assignor of one-third to H. M. Smith and one-tenth to M. C. Clark, Los Angeles, Calif. Robot brake control. 2,161,426; June 6.
Neuvirth, Julius. (See Mitin, Mike, assignor.)
Neva-Clog Products, Inc. (See Johnson, Edward C., assignor.)
Nevatt Axial Engines Limited. (See Nevatt, C. G., and Shearer, assignors.)
Nevatt, Christopher G., and F. W. Shearer, assignors to Nevatt Axial Engines Limited, Bristol, England. Swash plate type engine. 2,151,614; Mar. 21.
Neveu, Anselme. (See Borde, R., and Neveu.)
Neveu, Anselme. (See Guillemin Tarayre, J., and Neveu.)
Neveu, Anselme, Livry-Gargan, France, assignor, by mesne assignments, to The Westinghouse Air Brake Company, Wilmerding, Pa. Angle cock device. 2,173,949; Sept. 26.
Neveu, Anselme, Livry-Gargan, France, assignor, by mesne assignments, to The Westinghouse Air Brake Company, Wilmerding, Pa. Control valve. 2,177,534; Oct. 24.
Neville Company, The. (See Carmody, William H., assignor.)
Neville Company, The. (See Rivkin, Joseph, assignor.)
Neville, James J., Philadelphia, Pa. Paper match package. 2,143,083; Jan. 10.
Neville, John F., San Francisco, Calif., assignor, by mesne assignments, to Fair-Way Company. Flight meter. 2,174,804; Oct. 3.
Neville, Joseph F., Evanston, Wyo. Tire tool. 2,179,896, Nov. 14.
Nevin, Harry W., assignor to Industrial Patents Corporation, Chicago, Ill. Refrigeration system 2,163,799; June 27.
Nevin, Harry W., assignor to Industrial Patents Corporation, Chicago, Ill. Valve. 2,163,800; June 27.
Nevin, James V., Aberdeen, Wash. Making plywood. 2,150,697; Mar. 14.
Nevin, James V., Aberdeen, Wash. Water soluble thermosetting resin and making same. 2,150,698; Mar. 14.
Nevin, James V., Aberdeen, Wash. Normalizing hot pressed plywood. 2,150,841; Mar. 14.
Nevinger, Ralph A., Greenville, Ill. Armature brake. 2,144,416; Jan. 17.
Nevinger, Ralph A., Greenville, Ill. Scoreboard. 2,180,908; Nov. 21.
Nevison, Frederick J., The Bank, Barnard Castle, England. Preserving fish, frogs, and the like. 2,169,811; Aug. 15.
Nevitt, Albert R., Montreal, Quebec, Canada. Apparatus for distilling liquids. 2,159,566; May 23.
Nevius, Condict M., Hornell, N. Y. Coffee brewing device. 2,158,587; May 16.
New, Hugo, Chicago, Ill. Container. 2,145,430; Jan. 31.
Newark Cheese Co. (See Lunstedt, E., and Taub, assignors.)
Newark Rivet Works. (See Heilmann, W. A., and Schultz, assignors.)
Neway Advertising Corp. (See Llach, H., and Avalo, assignors.)
Newberry, Olin B. (See Hill, J. I., Hathaway, and Newberry.)
Newberry, Thomas E., Northumberland, Pa., assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Journal box. 2,172,219; Sept. 5.
Newbold, Robert. (See Fletcher, Joseph A., assignor.)
New Britain Machine Company, The. (See Montgomery, Donald H., assignor.)
New Britain Machine Company, The. (See Montgomery, D. H., and Cardell, assignors.)
New Britain Machine Company, The. (See Montgomery, D. H., and Retz, assignors.)
Newby, Neal D. (See Moody, D. L., Shipley, and Newby, assignors.)
Newby, Neal D., Leonia, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,152,769; Apr. 4.
New Discoveries, Incorporated. (See Chesney, Jacques W. D., assignor.)
Newell, Earl B., St. Paul, Minn. Mandrel. 2,146,590; Feb. 7.
Newell, Gail W. (See Gledhill, Edward C. and W. E., Newell, and Miller.)
Newell, George K., Pitcairn, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Compressor unloading device. 2,155,236; Apr. 18.
Newell, Harold D., Beaver Falls, assignor to The Babcock & Wilcox Tube Company, West Mayfield, Pa. Tube and other container. 2,182,177; Dec. 5.
Newell, Robert E., Irwin, assignor to Robertshaw Thermostat Company, Youngwood, Pa. Thermostat. 2,150,722; Mar. 14.
Newell, Robert E., assignor to Robertshaw Thermostat Company, Youngwood, Pa. Thermostat control. 2,163,801; June 27.
Newell, William H., Bronx, assignor to Ford Instrument Company, Inc., Long Island City, N. Y. System for transmitting angular motion. 2,168,575; Aug. 8.
Newell, William H., New York, assignor to Ford Instrument Company, Inc., Long Island, N. Y. Follow-up 2,173,656; Sept. 19.
New England Bedding Company. (See Feldman, Jacob C., assignor.)
New England Bedding Company. (See Hoffman, Frank, assignor.)
New England Bedding Company. (See Johnson, Gustave A., assignor.)
New England Box Company, The. (See Tifts, Nathan, assignor.)
New England Butt Company. (See Aldrich, John G., assignor.)
New England Butt Company. (See Barningham, Charles S., assignor.)
New England Fish Company. (See Hedreen, C. A., and Beard, assignors.)
New England Theatres, Inc. (See Bassin, Charles S., assignor.)
New Era Carburetor Corporation. (See Cameron, John, assignor.)
New Foods, Inc. (See Kellogg, John L., assignor.)
Newgard, Ingwald M., Glendale, Calif., assignor, by mesne assignments, to Gel-Sten, Incorporated, Wilmington, Del. Duplicating machine. 2,160,080; May 30.
Newhall, Herbert B., Saugus, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe bottom pressing machine. 2,151,712; Mar. 28.
Newhall, Walter S., Chagrin Falls, Ohio. Adjusting device for railroad switch points. 2,177,148; Oct. 24.
New Haven Clock Co., The. (See Whitehead, Richard H., assignor.)
New Haven Clock Company, The. (See Whitehead, R. H., and Langbein, assignors.)
New Haven Clock Company, The. (See English, Philip H., assignor.)
New Haven Copper Company, The. (See Clapp, Lawrence R., assignor.)
New Hermes, Inc. (See Waldorf, H. W., and May, assignors.)

Newhouse, Ray C., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Calcining lime. 2,171,507; Aug. 29.
Newick, Richard P., Rutherford, N. J. Camera exposure control apparatus. 2,149,743; Mar. 7.
New Idea, Inc. (See Oppenheim, T. H., and Synck, assignors.)
New Idea, Inc. (See Vutz, Wilhelm, assignor.)
Newill, Edward B., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,182,318; Dec. 5.
Newill, Edward B., assignor to General Motors Corporation, Dayton, Ohio. Switch for refrigerating apparatus. 2,184,241; Dec. 19.
Newill, Edward B., and A. A. McCormack, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation. Seal for refrigerating apparatus. 2,158,297; May 16.
New Jersey Machine Corporation. (See Fleischer, Paul W., assignor.)
New Jersey Machine Corporation. (See Squiller, Samuel, assignor.)
New Jersey Machine Corporation. (See von Hofe, George W., assignor.)
New Jersey Machine Corporation. (See von Hofe, G. W., and Claus, assignors.)
New Jersey Machine Corporation. (See von Hofe, G. W., and Dans, assignors.)
New Jersey Machine Corporation. (See von Hofe, G. W., and Hammer, assignors.)
New Jersey Optical Company. (See Hood, George A., assignor.)
New Jersey Rubber Company. (See Cowen, Rawson R., assignor.)
New Jersey Zinc Company, The. (See Winter, H., Fahrenhorst, and Schmid, assignors.)
Newland, Jay R., Benton Harbor, Mich., assignor to Remington Rand Inc., Buffalo, N. Y. Loose leaf binder. 2,168,802; Aug. 8.
Newlin, John A., Madison, Wis., and G. W. Trayer, Alexandria, Va., dedicated to the free use of the Public in the territory of the United States of America. Prefabricated building and building construction. 2,148,575; Feb. 28.
Newman, Claude, assignor to American Seal Company, Lincoln, Nebr. Package seal and label. 2,153,310; Apr. 4.
Newman, David F., Rockville Centre, N. Y., assignor to Trans-Lux Corporation. Method of and apparatus for controlling movement of a character-bearing web. 2,160,530; May 30.
Newman, Delbert F., Schenectady, N. Y., assignor to General Electric Company. Resilient mounting. 2,153,387; Apr. 4.
Newman, Delbert F., Schenectady, N. Y., assignor to General Electric Company. Making resilient mountings for machines. 2,153,388; Apr. 4.
Newman, Delbert F., Schenectady, N. Y., assignor to General Electric Company. Refrigerant evaporator. 2,162,586; June 13.
Newman, Herbert, London, England, assignor to International Cellucotton Products Company, Chicago, Ill. Apparatus for fastening attachment loops to sanitary napkins. 2,152,493; Mar. 28.
Newman, Horace H., New Orleans, La. Dent remover. 2,178,308; Oct. 31.
Newman, Isidor, New York, N. Y. Metal scoring machinery. 2,179,755; Nov. 14.
Newman, J. Randolph, trustee. (See Auer, Laszlo, assignor.)
Newman, John J., assignor of one-half to J. H. Hammon, Vincennes, Ind. Building construction. 2,160,225; May 30.
Newman, Kennard, assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Switch index mechanism. 2,153,430; Apr. 4.
Newman, Louis J., New Rochelle, N. Y. Multiposition regulator. 2,142,204; Jan. 3.
Newman, Louis L. (See Oliveros, R. P., and Newman.)
Newman, Max M., New York, N. Y. Pressing iron. 2,162,354; June 13.
Newman, Max M., New York, N. Y. Collar and combination of shirt and detachable collar. 2,164,751; July 4.
Newman, Max M., New York, N. Y. Mechanism and method for cutting blanks for neckties. 2,183,722; Dec. 19.
Newman, William E., Moorestown, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Indicating device. 2,159,749; May 23.
Newman, William J., Chicago, Ill. Foundation construction. 2,146,645; Feb. 7.
Newman, William J., Chicago, Ill. Forming concrete foundation columns. 2,162,108; June 13.
Newnan Machine Co. (See Payne, Charles A., assignor.)
Newnham, Eugene, assignor to Knapp-Monarch Company, St. Louis, Mo. Vibrator. 2,144,343; Jan. 17.
Newnham, Eugene, assignor to Knapp-Monarch Company, St. Louis, Mo. Fan construction. 2,154,767; Apr. 18.
Newnham, Eugene, assignor to Knapp-Monarch Company, St. Louis, Mo. Fan hub and blade structure. 2,183,891; Dec. 19.
Newport, Charles L., and H. C. Smith, Los Angeles, Calif. Perforate wall. 2,150,338; Mar. 14.
Newport, William V., Campbell, Ohio. Bench back rest. 2,158,247; May 16.
Newport News Shipbuilding and Dry Dock Company. (See Terry, Roger V., assignor.)
New Process Rayon, Inc. (See Gulbrandsen, Sverre, assignor.)
New Process Rayon, Inc. (See Serinis, Neo S., assignor.)
New Process Rayon, Inc. (See Tarbox, John P., assignor.)
New Process Rayon, Inc. (See Traut, George T., assignor.)
New Products Corporation. (See Banker, Oscar H., assignor.)
News Projection Corporation. (See Anderson, Eric J., assignor.)
News Projection Corporation. (See Eitzen, August D., assignor.)
Newsom, James B. (See Collis, R. E., and Newsom.)
Newsom, James B., Great Neck, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,184,844; Dec. 26.
Newsom, John B., Palo Alto, Calif. Wire sawing. 2,158,830; May 16.
Newsom, John B., Nevada City, assignor to Idaho Maryland Mines Corporation, San Francisco, Calif. Shaft drill safety device. 2,172,088; Sept. 5.
Newsom, Kitchener K., San Francisco, Calif. Container. 2,142,142; Jan. 3.
Newsom, Kitchener K., San Francisco, Calif. Container for eggs and the like. 2,160,893; June 6.
Newsome, Howard P. G., Memphis, Tenn. Head for golf clubs. 2,174,212; Sept. 26.
Newsome, James W., New Kensington, and J. D. Edwards, Oakmont, assignors to Aluminum Company of America, Pittsburgh, Pa. Coating aluminum. 2,146,838; Feb. 14.
Newsome, James W., New Kensington, and J. D. Edwards, Oakmont, assignors to Aluminum Company of America, Pittsburgh, Pa. Coating aluminum. 2,146,839; Feb. 14.
Newsome, James W., New Kensington, and J. D. Edwards, Oakmont, assignors to Aluminum Company of America, Pittsburgh, Pa. Coating aluminum. 2,146,840; Feb. 14.
News Syndicate Co. (See Friess, Gustave A., assignor.)
Newton, Alwin B. (See Neubauer, E. T. P., and Newton.)
Newton, Arthur A., Norman Park, Ga. Fireplace water grate. 2,172,711; Sept. 12.
Newton Brothers (Derby) Limited. (See Boddy, William H., assignor.)
Newton, Chambers & Company Limited. (See Lewis, Oswald F., assignor.)
Newton, Charles G., Hamilton, Ontario, Canada. Yarn carrier of knitting machines. 2,162,107; June 13.
Newton, Edwin E., Montreal, Quebec, and H. P. Ray, Mount Royal, Quebec, Canada, assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for coating strands. 2,159,222; May 23.
Newton, Edwin E., Montreal, Quebec, and H. P. Ray, Mount Royal, Quebec, Canada, assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for handling strands. 2,177,373; Oct. 24.
Newton, Emmet S., et al. (See Higgins, I. W., and Pickett, assignors.)
Newton, Frank, Presidio of Monterey, Calif. Silencer for explosive engines. 2,169,658; Aug. 15.
Newton, Howard L., Wauwatosa, assignor to Pressed Steel Tank Company, Milwaukee, Wis. Barrel closure. 2,176,310; Oct. 17.
Newton, Jack. (See Preisz, William A., assignor.)
Newton, Max A., Taft, assignor to Baash-Ross Tool Company, Los Angeles, Calif. Removable float valve. 2,153,812; Apr. 11.
Newton, Roger H., near Sheffield, Ala. Making monocalcium phosphate. 2,143,025; Jan. 10.
Newton, Roy C., and F. L. De Beukelaer, assignors to Industrial Patents Corporation, Chicago, Ill. Gelatin. 2,155,733; Apr. 25.
Newton, Roy C., and F. L. De Beukelaer, assignors to Industrial Patents Corporation, Chicago, Ill. Glue treatment. 2,168,626; Aug. 8.
Newton, Roy C., and L. D. Mink, assignors to Industrial Patents Corporation, Chicago, Ill. Egg product. 2,182,209; Dec. 5.
Newton, Roy W., Collingwood, Victoria, Australia. Operating handle for doors, windows, and the like. 2,163,101; June 20.
Newton, William, Omaha, Nebr. Live bait container. 2,151,225; Mar. 21.
Newton Line Company. (See Madden, L. J., and Truman, assignors.)
New Wrinkle, Inc. (See Moore, Howard, assignor.)
New York Air Brake Company, The. (See Baker, Roy E., assignor.)
New York Air Brake Company, The. (See Campbell, Charles A., assignor.)
New York Air Brake Company, The. (See Campbell, C. A., and Baldwin, assignors.)
New York Air Brake Company, The. (See Campbell, C. A., and Safford, assignors.)
New York Air Brake Company, The. (See Safford, Lewis A., assignor.)
New York Blower Company, The. (See Scanlan, Chester J., assignor.)
New York Central Railroad Company. The. (See Davenport, James E., assignor.)

New York Central Railroad Company, The. (See Dreyfuss, Henry, assignor.)
New York Central Railroad Company, The. (See Hamilton, William S. H., assignor.)
New York Central Railroad Company, The. (See Lentz, W. L., and Kantola, assignors.)
New York Pressing Iron Co. Inc. (See Cohen, Hyman E., assignor.)
New York World's Fair 1939 Inc. (See Jones, B., and Mamel, assignors.)
Niagara Blower Company. (See Bulkeley, C. A., and Olstad, assignors.)
Niagara Blower Company. (See Deverall, Charles N., assignor.)
Niagara Blower Company. (See Smith, H. L., Jr., and Jones, assignors.)
Niagara Duplicator Company. (See Nigra, Ferdinand, assignor.)
Niagara Falls Wire Stitchers, Inc. (See Rodda, Edward J., assignor.)
Niagara Lithograph Company, The. (See Doig, James, assignor.)
Niagara Machine & Tool Works. (See Harwood, R. E., and Munschauer, assignors.)
Niagara Sprayer and Chemical Co. (See Vosler, Arthur E., assignor.)
Niagara Wire Weaving Company. (See Longoria, Antonio, assignor.)
Nibecker, Howard A. (See Hiller, S., and Nibecker.)
Niccolls, Lester N., near Seattle, Wash. Electrical heater for soldering irons. 2,178,862; Nov. 7.
Nicholas, Harold I., assignor to Burke & James, Inc. Chicago, Ill. Switch device. 2,148,872; Feb. 28.
Nicholas, Henry, assignor to Graham Paper Company, St. Louis, Mo. Paper cutting or slitting machine. 2,142,799; Jan. 3.
Nicholas, Isaac A., Pittsburgh, Pa., assignor to The Standard Lime and Stone Company, Baltimore, Md. Removing impurities from molten metals and a flux for effecting said process. 2,159,977; May 30.
Nicholas, Kermit C., and D. T. Hodnett, Chickasha, Okla. Sweep rake. 2,151,436; Mar. 21.
Nicholides, Emmanuel C., assignor to Sonotone Corporation, New York, N. Y. Bone conduction hearing-aid device. 2,143,130; Jan. 10.
Nichols, Arthur A., Waltham, Mass. Rotor generating method and machine. 2,151,483; Mar. 21.
Nichols, Arthur L., Nichols, Wis. Vine stripper and seed huller. 2,173,424; Sept. 19.
Nichols, Arthur S., Oak Park, assignor to The Illinois Clay Products Company, Joliet, Ill. Heat treatment of castings and the like. 2,166,919; July 18.
Nichols, Brooks C., Sissonville, W. Va. Safety gas line shut-off. 2,183,483; Dec. 12.
Nichols, Charles A. (See Poole, L. E., and Nichols.)
Nichols, Charles F. W. (See Gardiner, J. I., and Barnes, assignors.)
Nichols, Charles H., assignor of one-half to E. Wickham, West Bromwich, England. Window or panel for motor cars, motor coaches, or the like. 2,145,367; Jan. 31.
Nichols, Charles W., Sr. (See Berg, R., and Gillis, assignors.)
Nichols, Charles W., Sr. (See Black, J. B., and Denig, assignors.)
Nichols, Daniel R., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Sliding door. 2,170,870; Aug. 29.
Nichols Engineering & Research Corporation. (See Baird, Dudley, assignor.)
Nichols Engineering & Research Corporation. (See Connolly, George E., assignor.)
Nichols Engineering and Research Corporation. (See Woodman, Joseph C., assignor.)
Nichols, Fred A. (See Blackman, L. R., and Nichols.)
Nichols, Fred H. (See King, Joseph B., assignor.)
Nichols, George B., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tube splicing apparatus. 2,145,607; Jan. 31.
Nichols, Harry J., Dayton, Ohio, assignor to International Business Machines Corporation, New York, N. Y. Synchronizing system. 2,150,239; Mar. 14.
Nichols, Harry J., Dayton, Ohio, assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,150,240; Mar. 14.
Nichols, Harry J., Dayton, Ohio, assignor to International Business Machines Corporation, New York, N. Y. Electrical filter. 2,153,202; Apr. 4.
Nichols, Harry J., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,153,203; Apr. 4.
Nichols, Harry J., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,174,704; Oct. 3.
Nichols, Harry J., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Communication system. 2,176,680; Oct. 17.
Nichols, Harry J., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Synchronizing system. 2,182,000; Dec. 5.
Nichols, Harry J., Washington, D. C., assignor to International Business Machines Corporation, New York, N. Y. Method of and apparatus for synchronizing. 2,172,290; Sept. 5.
Nichols, Harry J., and H. L. Tholstrup, Dayton, Ohio, assignors to International Business Machines Corporation, New York, N. Y. Communication system. 2,150,241; Mar. 14.
Nichols, Harry J., Binghamton, and H. L. Tholstrup, Endwell, assignors to International Business Machines Corporation, New York, N. Y. Communication system. 2,161,586; June 6.
Nichols, Harry T., Los Angeles, Calif. Multiple sheave block construction. 2,180,541; Nov. 21.
Nichols, Henry C., Salem, Mass. Apparatus for and method of treating pervious material with fluid. 2,174,178; Sept. 26.
Nichols, Henry J., Jr., Scotch Plains, and G. L. Mateer, Roselle, N. J., assignors to Standard Oil Development Company. Fractionating gaseous mixtures. 2,160,163; May 30.
Nichols, Herbert S., Rome, Ga. Cotton gin. 2,147,796; Feb. 21.
Nichols, Howard B. (See Lyman, A. L., Nichols, and Mithoff.)
Nichols, Keaton G., assignor of one-half to W. K. Line, Butte, Mont. Ornamental box. 2,166,504; July 18.
Nichols, Lewis P., Cleveland, Ohio. Visor attachment. 2,184,360; Dec. 26.
Nichols, Otto M., Baxter Springs, Kans., assignor of one-half to W. R. Feemster, Chicago, Ill. Automatic collar-attaching necktie. 2,153,066; Apr. 4.
Nichols, Ralph G., St. Charles, Mo., assignor to American Car and Foundry Company, New York, N. Y. Folding car step. 2,162,964; June 20.
Nichols, Richard D., Columbus, Ohio, assignor to The Jeffery Manufacturing Company. Air launder. 2,149,744; Mar. 7.
Nichols, Sydney A. (See Molins, W. E., and Nichols.)
Nichols, William H., Lanesville, Ill. Double staker for check rower planters. 2,145,991; Feb. 7.
Nicholson, Emmett, Winter Park, assignor to Ken-Jon, Inc., Orlando, Fla. Machine for washing, drying and polishing fruits. 2,178,185; Oct. 31.
Nicholson, Frank H., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Train control system. 2,160,668; May 30.
Nicholson, Frank H., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,160,894; June 6.
Nicholson, Frederick A., and W. T. Pritchard, assignors to Stetson-Ross Machine Company, Seattle, Wash. Resilient mounting means for a resiliently supported feeding mechanism. 2,178,541; Nov. 7.
Nicholson, George E. (See McGay, J. B., Nicholson, and Magee.)
Nicholson, Henry H., Boulder, Colo. Airplane. 2,176,542; Oct. 17.
Nicholson, Jacob P., Chicago, Ill. Air conditioning apparatus. 2,165,979; July 11.
Nicholson, Paul C., Providence, R. I. Line release clip and signal. 2,170,594; Aug. 22.
Nicholson, Stanley W., Toledo, Ohio, assignor to Detroit Harvester Company, Detroit, Mich. Door check. 2,160,895; June 6.
Nicholson, Stanley W., Toledo, Ohio, assignor, by mesne assignments, to Detroit Harvester Company, Detroit, Mich. Vehicle window regulator. 2,162,109; June 13.
Nicholson, Stanley W., Toledo, Ohio, assignor, by mesne assignments, to Detroit Harvester Company, Detroit, Mich. Regulator for vehicle windows. 2,162,110; June 13.
Nicholson, Stanley W., Toledo, Ohio, assignor to Detroit Harvester Company, Detroit, Mich. Tensioning device for vehicle window regulators. 2,162,111; June 13.
Nicholson, Stanley W., Toledo, Ohio, assignor to Detroit Harvester Company, Detroit, Mich. Regulator mechanism for vehicle windows. 2,179,343; Nov. 7.
Nicholson, William H. (See Renfro, Thomas L., assignor.)
Nichthauser, Bessie, New York, N. Y. Hairdressing cap. 2,148,771; Feb. 28.
Nickel, Elmer R., Milwaukee, Wis. Electric sign. 2,157,185; May 9.
Nickell, Claude H., Newcastle, Ind. Braking system. 2,154,636; Apr. 18.
Nickels, Joseph E. (See Stevens, D. R., and Nickels.)
Nickels, Leslie J., Arbuckle, Calif. Electric welding electrode holder. 2,162,112; June 13.
Nickelsburg, Sidney, assignor to Morelite Company, Inc., New York, N. Y. Carbon moving and controlling device. 2,165,183; July 4.
Nickelsen, John A., Clinton, Iowa. Fly swatter blade. 2,163,761; June 27.
Nickelsen, John M., Ann Arbor, assignor to Monroe Auto Equipment Company, Monroe, Mich. Connector. 2,149,621; Mar. 7.
Nickelsen, John M., Ann Arbor, assignor to Monroe Auto Equipment Company, Monroe, Mich. Connector. 2,149,622; Mar. 7.
Nickelsen, John M., Ann Arbor, assignor to Monroe Auto Equipment Company, Monroe, Mich. Valve construction. 2,159,289; May 23.
Nickelsen, John M., Ann Arbor, assignor to Monroe Auto Equipment Company, Monroe, Mich. Link or strut. 2,159,859; May 23.

Nickerson, Arno W., White Plains, N. Y., and E. C. Gildenzopf, York, Pa. Process and system for treating wastepaper stock. 2,142,823; Jan. 3.
Nickerson, Orva O., assignor to Fort Wayne Corrugated Paper Company, Fort Wayne, Ind. Shipping container. 2,182,748; Dec. 5.
Nickerson, Orva O., assignor to Fort Wayne Corrugated Paper Co., Fort Wayne, Ind. Shipping container. 2,184,258; Dec. 19.
Nickerson, William H., Newton Center, Mass. Arch support for shoes. 2,150,779; Mar. 14.
Nickerson, William H., Newton Center, Mass. Shoe and shank stiffener therefor. 2,161,188; June 6.
Nickle, Clifford A., Schenectady, N. Y., assignor to General Electric Company. Mirror. 2,145,732; Jan. 31.
Nickle, Clifford A., and G. R. Brophy, Schenectady, N. Y., assignors to General Electric Company. Electric heater. 2,150,780; Mar. 14.
Nickola, Faris, Flint Mich. Vehicle windshield. 2,168,533; Aug. 8.
Niclassen, Hans, Berlin, Germany, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electron discharge tube. 2,160,081; May 30.
Nicodemus, Otto. (See Nüsslein, J., Nicodemus, Schmidt, and Schacke.)
Nicodemus, Otto, H. Lange, and O. Horn, Frankfort-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Vinyl esters and a process of preparing them. 2,153,987; Apr. 11.
Nicodemus, Otto, Frankfort-on-the-Main, and O. Wulff, Koenigstein in Taunes, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing nitriles. 2,177,619; Oct. 24.
Nicol, David, Jr., Willowdale, Ontario, Canada. Equalizer for mechanically operated automobile brakes. 2,181,626; Nov. 28.
Nicolai, Fritz. (See Reppe, W., and Nicolai.)
Nicolai, Fritz. (See Reppe, W., Keyssner, and Nicolai.)
Nicolaus, Otto, Julesburg, Colo. Loading spout holder. 2,149,123; Feb. 28.
Nicolaus, Frank G., assignor to R. T. Maloney, Chicago, Ill. Coin divider. 2,155,951; Apr. 25.
Nicolaus, Frank T., assignor to R. T. Moloney, Chicago, Ill. Amusement game. 2,173,611; Sept. 19.
Nicolay, Karl, Bielefeld, Germany. Hand guided mechanically driven intermittently operated sewing device. 2,176,977; Oct. 24.
Nicolet, Victor, and R. Rousselet, Paris, France. Vehicle brake. 2,168,845; Aug. 8.
Nicolet, Walter, Neuhausen, Switzerland. Weaving with two warp systems. 2,142,615; Jan. 3.
Nicoll, Frederick H., Ickenham, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Cathode ray tube. 2,153,269; Apr. 4.
Nicoll, Frederick H., Ickenham, assignor to Electric & Musical Industries, Limited, Hayes, Middlesex, England. Cathode ray tube. 2,181,850; Nov. 28.
Nicolle, Arthur V., Twickenham, England. Piston. 2,168,103; Aug. 1.
Nicolson, Alexander M., assignor to Communication Patents, Inc., New York, N. Y. Radiating, transformation and reinforcement system. 2,153,586; Apr. 11.
Nicolson, James G., Niagara Falls, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Apparatus and process for welding pipe. 2,160,082; May 30.
Nicosia, Paul, Fairport, N. Y. Vegetable washing machine. 2,154,106; Apr. 11.
Nicostat Products Co. (See Borresen, Nico, assignor.)
Nicot, Georges N., and J. R. Miller, Palm Beach, Fla. Catapult game or toy. 2,146,156; Feb. 7.
Nicou, Hans T., Stockholm, Sweden. Ambulance automobile. 2,145,523; Jan. 31.
Nicoud, Cornelius S., and E. J. Wiggins, Chicago, Ill.; said Wiggins assignor to said Nicoud. Device to suppress high frequency oscillations. 2,145,629; Jan. 31.
Nidever, Vernon M., Carpenteria, Calif. Animal actuated door. 2,153,673; Apr. 11.
Niedens, Johnnie A., Shields, Kans. Oil-refining apparatus. 2,173,631; Sept. 19.
Nieder, Charles P., and M. J. Orr, Miami, Fla. Tool sharpener. 2,178,937; Nov. 7.
Niedercorn, Joseph G., Riverside, Conn., assignor to American Cyanamid Company, New York, N. Y. Lubricating of leather. 2,176,434; Oct. 17.
Niederlehner, Milton J., Cincinnati, Ohio, assignor to V. F. Zahodiakin, New York, N. Y. Piston ring. 2,169,613; Aug. 15.
Niedermaier, Philip J., assignor of one-half to F. V. Galgano, Newark, N. J. Tree branch and stick holder. 2,169,965; Aug. 15.
Niederreither, Hans, Munich, Germany. Bracing for assembled electrolytic cell bodies or the like. 2,143,793; Jan. 10.
Niederreither, Hans, Munich, Germany. Insulating electrolytic apparatus operated under pressure. 2,157,090; May 2.
Niehart, William M., Los Angeles, Calif. Air conditioning apparatus. 2,174,060; Sept. 26.
Niel, Edward A., Jr., Baltimore, Md. Joint-forming and load-transfer assembly for roadways. 2,171,709; Sept. 5.
Nielsen, A. C., Company. (See Elder, R. F., and Woodruff, assignors.)
Nielsen, Aage, Copenhagen, Denmark. Manufacturing porous articles of clay. 2,151,932; Mar. 28.
Nielsen, Andreas C., Cleveland, Ohio. Tool holder. 2,171,802; Sept. 5.
Nielsen, Christian R., et al. (See Thomas, William S., assignor.)
Nielsen, Christian, Jr., River Forest, Ill., assignor to W. L. F. Nielsen. Sealed fluid-actuated device. 2,178,490; Oct. 31.
Nielsen, Emile. (See Hanley, H., and Nielsen.)
Nielsen, Jens C., Chicago, Ill. Miniature bowling game apparatus. 2,149,786; Mar. 7.
Nielsen, Laurits H., Kolding, Denmark, assignor to The Osborn Manufacturing Company, Cleveland, Ohio. Sectional brush. 2,160,029; May 30.
Nielsen, Niels C., Copenhagen, Denmark. Lock for bicycles. 2,155,994; Apr. 25.
Nielsen, Otto, Ilsenburg/Harz, Germany, and E. R. Lauber, Rorschach, Switzerland; said Lauber assignor to said Nielsen. Removing bismuth from copper or copper-containing melts and products. 2,155,325; Apr. 18.
Nielsen, Peter, assignor to Jubilee Manufacturing Co., Omaha, Nebr. Traffic warning device. 2,166,821; July 18.
Nielsen, Peter, assignor to Jubilee Manufacturing Co., Omaha, Nebr. Flexible fan. 2,182,161; Dec. 5.
Nielsen, Walter L. F. (See Nielsen, Christian, Jr., assignor.)
Nieman, Ernst H., Normandy, assignor to Carter Carburetor Corporation, St. Louis, Mo. Adjustable throttle valve stop. 2,179,380; Nov. 7.
Nieman Ernst H., Pine Lawn, assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor device. 2,180,765; Nov. 21.
Niemann, Frederick A., Chicago, and J. A. V. Turck, Wilmette, assignors to Felt & Tarrant Mfg. Co., Chicago, Ill. Calculating machine. 2,149,817; Mar. 7.
Niemann, Georg. (See Muehlbauer, F., and Niemann.)
Niemann, Georg, and L. Kollek, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Coloring plastic masses. 2,168,576; Aug. 8.
Niemann, George F., assignor to Benjamin Electric Mfg. Company, Chicago, Ill. Lighting construction. 2,156,768; May 2.
Niemann, George F., Chicago, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Dustproof fixture. 2,170,871; Aug. 29.
Niemann, Hans, Hanover, Germany. Arrangement to avoid condensation within cold insulations. 2,151,713; Mar. 28.
Niemann, John. (See Dalmer, O., and Niemann.)
Niemeyer, Walter F., Marion County, Ind. Poultry roost. 2,169,499; Aug. 15.
Niemi, Matti, Seattle, Wash. Explosive engine. 2,163,052; June 20.
Niemi, Matti, Seattle, Wash. Fish lure. 2,172,889; Sept. 12.
Nier, Bruno, Beierfeld, Germany. Lantern. 2,143,495; Jan. 10.
Nier, Bruno, Beierfeld, Germany. Hurricane lantern. 2,148,215; Feb. 21.
Nier, Richard, Beierfeld, Erzgebirge, Germany. Heating device for windshields of motor vehicles. 2,173,263; Sept. 19.
Nies, Herman H., Waukegan, Ill., assignor to Johns-Manville Corporation, New York, N. Y. Vibration-damping material. 2,159,487; May 23.
Niesemann, Fritz, assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Service regulator. 2,182,701; Dec. 5.
Niessen, Hubert, and M. Ulbrich, Frankfort-on-the-Main, Germany. Splint. 2,146,842; Feb. 14.
Niessner, Moritz. (See Müller, W. J., and Niessner.)
Nietiedt, August, Magdeburg, Germany. Pickling meat. 2,180,165; Nov. 14.
Niewendorp, Richard, Sanborn, Iowa. Snow plow. 2,150,396; Mar. 14.
Nigh, George W. (See Campbell, F. O., and Nigh.)
Nightenhelser, Bert, Westfield, and J. Ballard, Noblesville, Ind. Cultivator. 2,177,026; Oct. 24.
Nightenhelser, Bert, Westfield, and J. Ballard, Noblesville, Ind. Corn picking machine. 2,182,772; Dec. 5.
Nightingale, Robert G. (See McCarty, L. C., and Nightingale.)
Nighthart, George E. (See Moore, T., and Nighthart.)
Nighthart, George E., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Straightening mechanism. 2,164,343; July 4.
Nigra, Ferdinand, assignor to Niagara Duplicator Company, San Francisco, Calif. Impression roller for duplicators. 2,152,561; Mar. 28.
Nigro, Leo, New York, N. Y. Compression engine for vehicles. 2,149,623; Mar. 7.
Nigro, Michel, Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Pavement joint. 2,167,423; July 25.
Nihon Koshuha Jukogyo Kabushiki Kaisha. (See Kikuchi, Hideyuki, assignor.)
Nijenhuis, Hendrik J., Woerden, Netherlands. Railway track aligning device. 2,143,611; Jan. 10.
Nika, Louis, Sr. (See Nika, Louis, Jr., and L. Nika, Sr., assignors.)

Nika, Louis, Jr., and L. Nika, Sr., Bronx, N. Y., assignors, by direct and mesne assignments, of thirty-seven and one-half per cent to said L. Nika, Jr., and sixty-two and one-half per cent to said L. Nika, Sr. Alternating or varying pressure-actuated pump. 2,142,329; Jan. 3.

Nikitin, Alexander A. (See Adams, J. F., and Nikitin.)

Nikitin, Alexander A., Newark, and J. F. Adams, Wilmington, Del., assignors to W. C. O'Kane, Durham, N. H., and P. Moore, as trustees of Crop Protection Institute, Washington, D. C. Parasiticidal compositions. 2,157,861; May 9.

Nikitine, Serge. (See Pérébaskine, V. Gravirowsky, and Nikitine.)

Nikkel, Albert, Shafter, Calif. Scraper. 2,147,207; Feb. 14.

Nikles, Paul, Collombey, and F. Wiskemann, Zurich, Switzerland. Producing stapled fibers. 2,173,789; Sept. 19.

Nikonow, John P., et al. (See Matveyeff, Michael N., assignor.)

Niles-Bement-Pond Company. (See Harten, John J., assignor.)

Niles-Bement-Pond Company. (See Hoagland, Frank O., assignor.)

Niles-Bement-Pond Company. (See Krause, William, assignor.)

Niles-Bement-Pond Company. (See Rusnak, John M., assignor.)

Niles-Bement-Pond Company. (See Terry, S. B., and Hall, assignors.)

Niles-Bement-Pond Company. (See Whitehead, Alexander G., assignor.)

Niles-Bement-Pond Company. (See Whitehead, A. G., and Raber, assignors.)

Niles, Irving F., Lakewood, Ohio, assignor to The Impress Company, Inc., Rochester, N. Y. Printing method and apparatus. 2,159,447; May 23.

Niles, Minnie, et al. (See James, Francis M., assignor.)

Nill, Edward A., Highland Park, Mich. Producing stable solutions of sulphur in mineral and other oils. 2,159,908; May 23.

Nilson, Eric H., and F. A. Carstens, assignors to A. O. Smith Corporation, Milwaukee, Wis. Supporting bracket for cylindrical vessels. 2,167,000; July 25.

Nilson, Frederick W., Worcester, Mass. Electric iron. 2,148,083; Feb. 21.

Nilson, Gustaf A., Chicago, Ill. Shower stall. 2,173,693; Sept. 19.

Nilson, Harold, assignor of one-fifth to J. A. Edeby, Wayzata, and two-fifths to E. Berglund, Minneapolis, Minn. Lifting jack. 2,163,959; June 27.

Nilson, Harold, assignor of one-third to J. A. Edeby, Wayzata, and one-third to E. Berglund, Minneapolis, Minn. Jack. 2,182,676; Dec. 5.

Nilson, Leonard D., Wayzata, assignor to Vulcan Manufacturing Co., Inc., St. Paul, Minn. Bumper jack. Re. 21,112; June 13.

Nilson, Leonard D., Wayzata, assignor to Vulcan Manufacturing Co., Inc., St. Paul, Minn. Bumper jack. 2,146,403; Feb. 7.

Nilsson, Axel L., Pleasant Ridge, assignor to Colonial Broach Company, Detroit, Mich. Broach. 2,145,947; Feb. 7.

Nilsson, Axel L., Pleasant Ridge, assignor to Colonial Broach Company, Detroit, Mich. Broaching machine. 2,145,948; Feb. 7.

Nilsson, Axel L., Pleasant Ridge, Mich., assignor to Colonial Broach Company. Broaching surfaces. 2,150,455; Mar. 14.

Nilsson, Håkan D. L., Stockholm, Sweden. Instrument for drawing scales. 2,161,551; June 6.

Nilsson, John E. (See Frech, C., and Nilsson.)

Nilsson, Nils E., assignor to Telefonaktiebolaget L. M. Ericsson, Stockholm, Sweden. Electric gaslighter. 2,146,977; Feb. 14.

Nilsson, Olof F., Stockholm, Sweden. Recording precipitation gauge. 2,151,866; Mar. 28.

Nilsson, Robert S., Le Vesinet, assignor to Société Anonyme des Etablissements Cuttat, Rueil-Malmaison, France. Permit mailing and stamping machine. 2,157,495; May 9.

Nilsson, Walter E., New York, N. Y. Water unicycle. 2,169,391; Aug. 15.

Nind, Eric A. (See Blumlein, A. D., and Nind.)

Nineteen Hundred Corporation. (See Davis, G. L., and Moulton, assignors.)

Nineteen Hundred Corporation. (See Keil, Gustav B., assignor.)

Nineteen Hundred Corporation. (See Keil, G. B., assignor.)

Ninol, Inc. (See Kritchevsky, Wolf, assignor.)

Nippon Filmon Kabusiki Kaisya. (See Konishi, Shozo, assignor.)

Nippon Sekiyu Kabushiki Kaisha. (See Mizuta, M., and Yoshimura, assignors.)

Nirdlinger, Maximilian, Pittsburgh, Pa. Building construction. 2,145,012; Jan. 24.

Nirdlinger, Patrick A., assignor to Scanlan-Morris Company, Madison, Wis. Portable surgical lamp. 2,144,197; Jan. 17.

Nirenstein, Harris I., New York, N. Y. Imitation stone. 2,143,084; Jan. 10.

Nisbet, Kenneth R., Earlington, Ky. Door. 2,174,524; Oct. 3.

Nisenson, Jules, assignor to Unit Venetian Blind Supply Co., New York, N. Y. Venetian blind tilter. 2,181,706; Nov. 28.

Nisenson, Julius, Brooklyn, assignor to Master Venetian Blind Hardware Corp., New York, N. Y. Tilting mechanism for Venetian blinds. 2,180,311; Nov. 14.

Nisle, Louise A., Chicago, Ill. Picture illumination. 2,170,377; Aug. 22.

Nissen, Alfred, Lake Forest, Ill. Arm rake and carrier. 2,180,544; Nov. 21.

Nissen, Hans G., Berlin-Steglitz, Germany. Crankshaft arrangement for internal combustion engines. 2,166,896; July 18.

Nissen, Harry C. (See Caldwell, F. W., and Nissen.)

Nisses-Gagnér, Erik, Goteborg, Sweden. Spoon bait. 2,143,631; Jan. 10.

Nissley, Jacob H., et al. (See Peltz, Gordon M., assignor.)

Nisula, George, Edgewater, Wis. Pump. 2,163,287; June 20.

Niswonger, Everett B., and H. E. Patchell, Oak Hill, W. Va., assignors of one-third to W. E. Kreitzer, Dayton, Ohio. Automatic safety latch for vehicle doors. 2,161,930; June 13.

Nitardy, Ferdinand W., Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Slide-cover container. 2,164,832; July 4.

Nitardy, Ferdinand W., Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Preservation of glandular tissues. 2,171,594; Sept. 5.

Nitardy, Ferdinand W., Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Therapeutic preparation. 2,174,009; Sept. 26.

Nitardy, Ferdinand W., Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Packaging. 2,176,923; Oct. 24.

Nitkey, Loren W., St. Maries, Idaho. Shoe calk. 2,154,913; Apr. 18.

Nitrokémia Ipartelepek Részvénytársaság. (See Kunz, Alfons, assignor.)

Nitsch, Charles H. (See Lange, L. H., and Nitsch.)

Nitsch, Joseph K., Syracuse, N. Y. Indexing work holder. 2,162,856; June 20.

Nitsche, Paul, Dresden, Germany. Production of aqueous solutions of sulphur and metal sulphides. 2,149,249; Feb. 28.

Nitsche, Paul, Dresden, Germany. Production of alcoholic solutions of sulphur and metal sulphides. 2,160,030; May 30.

Nitti, Anthony C., Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Inhibiting the alkaline corrosion of tin containers. 2,252,658; Apr. 4.

Nitti, Anthony C., Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Inhibiting the alkaline corrosion of tin containers. 2,152,659; Apr. 4.

Nittka, Karl, Wiesbaden, Germany. Sparking plug. 2,144,891; Jan. 24.

Nitz, Herbert, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Electric separating filter. 2,167,522; July 25.

Niven, Edward C. and J. A., Chicago, Ill. Multiple damper control for boilers and the like. 2,153,637; Apr. 11.

Niven, Francis J. (See Podd, E. A., and Niven.)

Niven, John A. (See Niven, Edward C. and J. A.)

Nivison, Wade S., and J. R. Putlock, New York, assignors to Eastman Kodak Company, Rochester, N. Y. Apparatus for photographically recording documents. 2,153,154; Apr. 4.

Nivison-Weiskopf Company, The. (See Curtis, Edma H., Jr., assignor.)

Nix, Foster C., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Light-sensitive electric device. 2,181,494; Nov. 28.

Nixdorff-Krein Manufacturing Co. (See Littmann, B., and Rueff, assignors.)

Nixdorff-Krein Manufacturing Company. (See Rueff, R. C. and Hammond, assignors.)

Nixon, Jeddy D., assignor of one-half to Wilson Supply Company, Houston, Tex. Means for the flowing of wells. Re. 21,199; Sept. 5.

Nixon, Jeddy D., Houston, Tex., assignor, by mesne assignments, of fifty per cent to Wilson Supply Company. Slip assembly. 2,153,770; Apr. 11.

Nixon, Jeddy D., assignor of one-half to Wilson Supply Company, Houston, Tex. Fluid lift. 2,164,469; July 4.

Nixon, Jeddy D., assignor of one-half to Wilson Supply Company, Houston, Tex. Flowing fluids under pressure. 2,171,478; Aug. 29.

Nixon, Jeddy D., assignor of one-half to Wilson Supply Company, Houston, Tex. Well packer. 2,171,479; Aug. 29.

Nixon, Jeddy D., assignor of one-half to Wilson Supply Company, Houston, Tex. Flow device. 2,171,480; Aug. 29.

Nixon, Jeddy D., assignor of one-half to Wilson Supply Company, Houston, Tex. Means for intermittent fluid control devices. 2,171,812; Sept. 5.

Nixon Nitration Works. (See Orsini, Camillo, assignor.)

Nixon Nitration Works. (See Schuster, Charles, assignor.)

Noack, Walter G., Baden, Switzerland. Pulverizing, combustion, and heat transfer plant. 2,184,845; Dec. 26.

Noack, Walter G., Baden, and C. Seippel, Ennetbaden, assignors to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Heating plant. 2,163,762; June 27.

Nobblitt-Sparks Industries, Inc. (See Booth, Earl C., assignor.)
Nobilium Products, Inc. (See Prosen, Emil M., assignor.)
Nobilium Products, Inc. (See Szabo, Arthur, assignor.)
Noble, Arthur H., Pawtucket, R. I., assignor to Rhode Island Warp Stop Equipment Company. Reed cushion lock. 2,144,462; Jan. 17.
Noble, Clair S. (See Nobel, George S., assignor.)
Noble, F. H., & Co. (See Shields, John M., assignor.)
Noble, F. H., & Co. (See Van Pelt, Herbert C., assignor.)
Noble, George S., Barcelona, Spain, assignor to C. S. Noble, London, England. Control valve. 2,154,693; Apr. 18.
Noble, Milner, assignor, by mesne assignments, to Carrier Corporation, Newark, N. J. Orifice construction. 2,163,382; June 20.
Noble, Percy W., Unadilla, N. Y., and A. R. Powell, London, England. Soldering. 2,169,659; Aug. 15.
Noble, Warren, Michigan City, Ind., assignor to Sullivan Machinery Company. Dust-collecting means. 2,145,272; Jan. 31.
Noble, Warren, Michigan City, Ind., assignor to Sullivan Machinery Company. Valve mechanism. 2,150,808; Mar. 14.
Noble, Warren, Guilford, N. Y., assignor to Sullivan Machinery Company. Apparatus for breaking material. 2,151,328; Mar. 21.
Noble, Wiley B., assignor to Reed Roller Bit Company, Houston, Tex. Core drilling apparatus. 2,184,361; Dec. 26.
Noble, William H., assignor to Pennsylvania Pump and Compressor Company, Easton, Pa. Unloader for compressors. 2,165,938; July 11.
Noblitt, Quintin G., and E. Ludlow, assignors to Noblitt-Sparks Industries, Inc., Columbus, Ind. Muffler. 2,182,405; Dec. 5.
Noblitt-Sparks Industries, Inc. (See Booth, E. C., Ludlow, and Root, assignors.)
Noblitt-Sparks Industries, Inc. (See Ludlow, E., and Booth, assignors.)
Noblitt-Sparks Idustries, Inc. (See Noblitt, Q. G., and Ludlow, assignors.)
Noblitt-Sparks Industries, Inc. (See Silva, A. D., and Irwin, assignors.)
Noce, Nicholas A., New York, N. Y. Building tile. 2,154,213; Apr. 11.
Nock, Joseph A., Jr. (See Dix, E. H., Jr., and Nock.)
Nock, Leo F., Elyria, Ohio. Molding apparatus. 2,148,084; Feb. 21.
Noe, Joseph J., New York, N. Y. Collapsible pew seat. 2,177,263; Oct. 24.
Noel Associates, Inc. (See Simjian, Luther G., assignor.)
Noel, Guy E., Muncie, Ind. Display and retainer device. 2,149,978; Mar. 7.
Noelcke, Carl L., Sr., Cincinnati, Ohio. Folding table. 2,175,968; Oct. 10.
Noelting, Clarence B. and W. H., assignors to Faultless Caster Corporation, Evansville, Ind. Caster socket. 2,169,882; Aug. 15.
Noelting, William H. (See Noelting, Clarence B. and W. H.)
Noerr, Hermann. (See Fellmer, E., Mauthe, and Noerr.)
Noerr, Hermann. (See Mauthe, G., and Noerr.)
Noerr, Hermann, and G. Mauthe, Leverkusen-I. G. Werk, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of tanning materials. 2,144,297; Jan. 17.
Noerr, Hermann, and G. Mauthe, Leverkusen-I. G. Werk, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Water-soluble condensation products. 2,177,420; Oct. 24.
Noetzlin, Ulrich. (See Zobel, T., and Noetzlin.)
Noffsinger, Fred P., Greeley, Colo. Bag holder. 2,162,113; June 13.
Nofsinger, Charles W., Summit, assignor to Gasoline Products Company, Inc., Newark, N. J. Conversion of hydrocarbon oils. 2,152,147; Mar. 28.
Noggle, Joseph H., Ann Arbor, Mich. Bin structure. 2,143,227; Jan. 10.
Nokes, Ernest S. (See MacKenzie, W. L., and Nokes.)
Nolan, Frank K., Charleston, W. Va. Magazine for firearms. 2,147,208; Feb. 14.
Nolan, John R., Larchmont, N. Y. Machine for making wired tags. 2,177,739; Oct. 31.
Nolan, John R., Larchmont, assignor to The Diamond Match Company, New York, N. Y. Match packet. 2,177,738; Oct. 31.
Nolan, Philip, assignor to The Institute of Paper Chemistry, Appleton, Wis. Optical apparatus. 2,178,211; Oct. 31.
Nolde and Horst Company. (See McAdams, Harry, assignor.)
Noling, Martin N., assignor to Barber-Colman Company, Rockford, Ill. Warp-uniting machine. 2,161,633; June 6.
Noling, Martin N., assignor to Barber-Colman Company, Rockford, Ill. Machine for operating upon warps. 2,175,277; Oct. 10.
Noll, Clarence I. (See Whitmore, F. C., Jones, and Noll.)
Noll, Franz, Schonwalde, near Velten, Kreis Ost-Havelland, and P. Wolf, Berlin-Haselhorst, assignors to "Fides" Gesellshaft für die Verwaltung und Verwertung von gewerblichen Schutzrechten mit beschränkter Haftung, Berlin, Germany. Treating alloys. 2,174,368; Sept. 26.
Noll, Henry D., Beaumont, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Treating oils. 2,142,525; Jan. 3.
Noll, Henry D., Beaumont, Tex., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Treating oils. 2,168,875; Aug. 8.
Noltimier, C. F. (See Douglas, John L., assignor.)
Nolzen, Heinrich, Newark, N. J. Brush and utility paint box. 2,148,829; Feb. 28.
Noma Electric Corporation. (See Wolf, Abraham, assignor.)
Nomar, Louis N., Charleston, W. Va. Sub-machine gun. 2,167,672; Aug. 1.
Nonhebel, Gordon, and J. L. Pearson, Norton-on-Tees, England, assignors to Imperial Chemical Industries Limited. Apparatus for the wet purification of gases. 2,142,406; Jan. 3.
Non-Mercuric Carrot Company, The. (See Fabian, Constantine F., assignor.)
Non-Mercuric Carrot Company, The. (See Fabian, C. F., and Sachanen, assignors.)
Noone, Frank, Seattle, Wash. Ladder foot extension. 2,147,052; Feb. 14.
Noor, Robert A., Tuscumbia, Ala. Football charging machine. 2,183,465; Dec. 12.
Norberg, Ernst A., Long Island City, and A. K. Baker, Nutley, N. Y. Automatic radio tuner and remote control. 2,176,638; Oct. 17.
Norbom, Ragnar A., Clifton, N. J., assignor to Motor Terminals, Inc., Cleveland, Ohio. Valve. 2,162,743; June 20.
Norcross. (See Norcross, Arthur D., assignor.)
Norcross, Arthur D., assignor to Norcross, New York, N. Y. Cobweb cut-out. 2,162,896; June 20.
Norcross, Thomas. (See Murphy, E. A., Round, and Norcross.)
Norcross, Thomas. (See Simpson, E., Stubbs, and Norcross.)
Nordberg Manufacturing Company. (See Baumgarten, Lawrence C., assignor.)
Nordberg Manufacturing Co. (See Gruender, Oscar C., assignor.)
Nordberg Manufacturing Company. (See Symons, Loren G., assignor.)
Nordberg Manufacturing Company. (See Wintzer, Rudolf, assignor.)
Nordell, Carl H., assignor to Advance Engineering Company, Chicago, Ill. Sewage treatment apparatus. 2,144,385; Jan. 17.
Nordell, Carl H., assignor to Advance Engineering Company, Chicago, Ill. Apparatus for sewage treatment. 2,144,386; Jan. 17.
Nordell, Carl H., assignor to Advance Engineering Company, Chicago, Ill. Testing device. 2,180,847; Nov. 21.
Norden, Jesse. (See Githens, O. W., Norden, and Mannerberg.)
Norden Laboratories. (See Breed, F., and Harris, assignors.)
Nordenhaug, Josef. (See Herman, D. F., and Nordenhaug.)
Nordgren, Arnold W., South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Control system for heating plants. 2,168,680; Aug. 8.
Nordling, Fred M., Denver, Colo. Rotary motor and pump. 2,151,484; Mar. 21.
Nordlund, Erik, Brooklyn, N. Y. Thread cutter and holder. 2,176,822; Oct. 17.
Nordman, Henry J., and D. Morazan, New Orleans, La. Plow. 2,146,757; Feb. 14.
Nordmann, Charles, Paris, France. Method and device for obtaining or reproducing color photographs. 2,160,340; May 30.
Nordmark, Henry P., assignor to American Seating Company, Grand Rapids, Mich. Reinforced metal tube. 2,165,294; July 11.
Nordmark, Henry P., assignor to American Seating Company, Grand Rapids, Mich. Supporting leg. 2,170,062; Aug. 22.
Nordmark, Henry P., assignor to American Seating Company, Grand Rapids, Mich. Folding chair. 2,177,186; Oct. 24.
Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Transfer mechanism for articles. 2,143,026; Jan. 10.
Nordquist, Ronald E. J., Maplewood, N. J., assignor to American Can Company, New York, N. Y. Can treating machine and feed control therefor. 2,172,402; Sept. 12.
Nordstrom, Sven J., Lafayette, Calif., assignor to Merco Nordstrom Valve Company, Pittsburgh, Pa. Valve. 2,144,080; Jan. 17.
Nordstrom, Sven J., Piedmont, Calif., assignor to Merco Nordstrom Valve Company, Pittsburgh, Pa. Valve. 2,146,404; Feb. 7.
Nordstrom, Sven J., Piedmont, Calif., assignor to Merco Nordstrom Valve Company, Pittsburgh, Pa. Valve. 2,146,910; Feb. 14.

Nordstrom, Sven J., Piedmont, Calif., assignor to Merco Nordstrom Valve Company, Pittsburgh, Pa. Hydraulic valve. 2,176,594; Oct. 17.

Nordstrom, Sven J., Piedmont, assignor to Merco Nordstrom Valve Company, San Francisco, Calif. Valve. 2,177,873; Oct. 31.

Nordstrom, Sven J., Piedmont, Calif., assignor to Merco Nordstrom Valve Company, Pittsburgh, Pa. Plug valve. 2,182,930; Dec. 12.

Noreau, John J., Jr., Somerville, Mass. Razor blade holder. 2,172,680; Sept. 12.

Norelius, Carl E. (See Swedman E., and Norelius.)

Norelius, Emil F., Springfield, Ill., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Tractor. 2,171,508; Aug. 29.

Noren, Clayton J., Seattle, Wash. Automatic fishhook setter and shock absorber. 2,147,917; Feb. 21.

Norgard, Wyman D., Davenport, Iowa, assignor to General Luminescent Corporation, Chicago, Ill. Apparatus for coating tubes with luminescent materials. 2,184,266; Dec. 19.

Norgren, Carl A., Denver, Colo. Hose connector. 2,171,945; Sept. 5.

Norland, Torvald, Stavanger, Norway. Lid for hermetically sealed cans or boxes. 2,165,720; July 11.

Norling, Albert E., et al. (See Klermund, Henry G., assignor.)

Norma-Hoffman Bearings Corporation. (See Bott, George R., assignor.)

Norma-Hoffman Bearings Corp. (See Fay, Edward F., assignor.)

Norma Multikolor, Inc. (See Maucher, Hans, assignor.)

Norman, Edgar M., Burnaby, British Columbia, Canada. Strainer. 2,172,031; Sept. 5.

Norman, Edith J., et al. (See Norman, Joseph T., assignor.)

Norman, Hallett N., Rockville, Conn. Grinding machine. 2,153,476; Apr. 4.

Norman, Horace M., assignor to Stewart-Warner Corporation, Chicago, Ill. Electric speedometer. 2,159,340; May 23.

Norman, James L., Oakland, Calif. Manufacturing of a blood product. 2,165,721; July 11.

Norman, James L., Oakland, Calif. Treating blood. 2,165,722; July 11.

Norman, Joseph T., Shickshinny, Pa. Air cleaning and conditioning apparatus. 2,164,833; July 4.

Norman, Joseph T., Shickshinny, assignor of fifty per cent to E. J. Norman, forty per cent to M. M. Baer, Huntington Mills, and 5 per cent to B. Shoemaker and 5 per cent to A. W. Widger, Shickshinny, Pa. Heating and air conditioning system. 2,164,718; July 4.

Norman, Nathaniel C., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Amplifier. 2,153,638; Apr. 11.

Norman, Sigurd, assignor to Pulp-Paper Machines, Ltd., Portland, Oreg. Shredding device. 2,183,224; Dec. 12.

Normandi, Anthony L., San Francisco, and G. B. Traversi, Petaluma, Calif. Displaying figures and the like on transparent bodies. 2,158,633; May 16.

Normandin, William O., Los Angeles, Calif. Ventilation control means for motor vehicles. 2,147,855; Feb. 21.

Normington, James B. (See Dickey, J. B., and Normington.)

Noros, George C., Manheim, and H. W. Kulp, Lancaster, assignors to Bond Foundry & Machine Company, Manheim, Pa. Caster control means for movable trucks and the like. 2,154,525; Apr. 18.

Norquist, Lester E., Denver, Colo. Ship control system. 2,145,493; Jan. 31.

Norre, Soren K. J., Dickson, and E. R. Thomsen, Calgary, Alberta, Canada. Folding brush. 2,148,216; Feb. 21.

Norres, Wilhelm, Dorsten, Germany. Wire joint, especially for electrical shot-firing outfits or similar provisional electrical circuits. 2,160,313; May 30.

Norris, Edward O., Inc. (See Norris, Edward O., assignor.)

Norris, Edward O., Westport, Conn., assignor to Edward O. Norris, Inc., New York, N. Y. Means and method of producing metallic screens. 2,166,366; July 18.

Norris, Edward O., Westport, Conn., assignor to Edward O. Norris, Inc., New York, N. Y. Production of metallic screens. 2,166,367; July 18.

Norris, Edward O., Port Chester, assignor to Edward O. Norris, Inc., New York, N. Y. Metal half tone screen. 2,171,276; Aug. 29.

Norris, Edwin R., Portsmouth, Ohio. Rolling mill. 2,174,195; Sept. 26.

Norris, Guy F., assignor to Waterhouse Laundry Machinery Company, Detroit, Mich. Latch. 2,172,943; Sept. 12.

Norris, Ralph F., Madison, Wis., assignor, by mesne assignments, to Burgess Battery Company, Chicago, Ill. Ventilating system. 2,172,771; Sept. 12.

Norris, Ralph F., Madison, Wis., assignor, by mesne assignments, to Burgess Battery Company, Chicago, Ill. Ventilating system. 2,172,944; Sept. 12.

Norris, Richard G., Huyton, England. Extrusion machine. 2,142,526; Jan. 3.

Norris, W. C., Manufacturer, Incorporated. (See Colgin, Rufus A., assignor.)

Norrito, Earl F., Malverne, N. Y. Multicircuit jack. 2,169,988; Aug. 15.

Norrman, Ernst, Chicago, Ill. Tuning work driving means. 2,157,799; May 9.

North American Car Corporation. (See Jackson, Leslie K., assignor.)

North American Electric Lamp Company. (See Lander, Louis, assignor.)

North American Holding Corporation, et al. (See Eaton, Charles F., assignor.)

North American Holding Corporation. (See Johnston, James W., assignor.)

North American Holding Corporation, et al. (See Randall, Arthur F., assignor.)

North American Holding Corporation, et al. (See White, Frank E., assignor.)

North American Manufacturing Company, The. (See Naab, G. F., and Lutherer, assignors.)

North American Rayon Corporation. (See Bley, Rudolph S., assignor.)

North American Rayon Corporation. (See Byron, Thomas H., assignor.)

North American Rayon Corporation. (See Karplus, Hans, assignor.)

North American Rayon Corporation. (See Martin, Wilhelm, assignor.)

North American Rayon Corporation. (See Mengeringhausen, E., and Berndt, assignors.)

North American Rayon Corporation. (See Miller, C. O., and Siehrs, assignors.)

North American Rayon Corporation. (See Roe, W. B., and Stewart, assignors.)

North American Rayon Corporation. (See Scherer, Philip C., Jr., assignor.)

North American Rayon Corporation. (See Schneider, Max, assignor.)

North American Rayon Corporation. (See Stoeckly, J. J., and Schmidt, assignors.)

North American Rayon Corporation. (See Taylor, Joseph I., assignor.)

North American Rayon Corporation. (See Uytenbogaart, J., and Hartmann, assignors.)

North Bros. M'f'g Co. (See Fegley, T. J., and Leopold, assignors.)

North, Charles W. (See Moncrieff, R. W., and North.)

North, Clayton O., deceased; M. R. North, administratrix, assignor to The Raolin Corporation, Charleston, W. Va. Making rubber chlorides. 2,148,830; Feb. 28.

North, Edwin. (See Wade, W., and North.)

North, Edwin W. (See Lane, J. H., and North.)

North Electric Mfg. Company, The. (See Boswau, Hans P., assignor.)

North Electric Manufacturing Company, The, et al. (See Hanley, Stanley M., assignor.)

North, Frank G., Inc. (See Smith, Robert B., assignor.)

North, John H., Seattle, Wash. Continuous molding machine. 2,181,737; Nov. 28.

North and Judd Manufacturing Company. (See Freysinger, John B., assignor.)

North and Judd Manufacturing Company. (See Gency, William, assignor.)

North, Oliver D., Hunton Bridge, assignor to Scammell Lorries Limited, Watford West, England. Axle mounting and driving mechanism for the driving wheels of multiple axle motor road vehicles. 2,165,723; July 11.

North Shore Coke & Chemical Company. (See McCormack, Harry, assignor.)

North Shore Coke & Chemical Company. (See McCormack, H., and Stockmann, assignors.)

North Shore Coke & Chemical Company. (See Stamberg, Charles J., assignor.)

North Star Specialty & Manufacturing Company. (See Ohme, Walter F., assignor.)

North Star Specialty & Manufacturing Company. (See Ohme, W. F., and Stephan, assignors.)

North, William B., East Orange, N. J. Building construction. 2,149,818; Mar. 7.

Northam Warren Corporation. (See Brekke, Marshall T., assignor.)

Northcutt, Robert T., Cranford, N. J. Coconut product and process of making. 2,147,751; Feb. 21.

Northcutt, Robert T., Cranford, N. J. Shredded coconut and process of making. 2,147,752; Feb. 21.

Northern Cold Storage and Warehouse Company. (See Fregeau, Frank E., assignor.)

Northern Cold Storage and Warehouse Company. (See Gross, George L., assignor.)

Northern Indiana Brass Company. (See Arbogast, Alfred C., assignor.)

Northern Machine Co. (See Bancroft, A. F., and Kamborian, assignors.)

Northern Paper Mills. (See Boex, Milan J., assignor.)

Northern Trust Company, The, executor. (See Ernst, M., and Holthouse.)

Northern Wisconsin Manufacturing Co. (See Juliot, Joseph, assignor.)

Northey, Elmore H., assignor to The Calco Chemical Company, Inc., Bound Brook, N. J. Paraminoarylsulphonamidoaryl orthosulphonic acids and their salts. 2,154,248; Apr. 11.

Northrup, Homer M., and A. E. Bartz, Grosse Pointe Park, and R. H. Whisler, St. Clair Shores, assignors to Hudson Motor Car Company, Detroit, Mich. Vehicle axle. 2,176,978; Oct. 24.

Northup, Amos E., deceased, by L. H. Northup, Pleasant Ridge, Mich., administratrix, assignor to The Murray Corporation of America. Vehicle body construction. 2,184,804; Dec. 26.
Northup, Leeta H., administratrix. (See Northup, Amos E.)
Northwestern Steel and Wire Company. (See Daesen, J. R., and Bradley, assignors.)
Northwestern Steel and Wire Company. (See Gellman, Israel C., assignor.)
Northwestern Steel and Wire Company. (See Hill, Harry W., assignor.)
Northwood Chemical Company. (See Olson, E. T., and Katzen, assignors.)
Northwood Chemical Company. (See Olson, E. T., and Plow, assignors.)
Northwood Chemical Company. (See Olson, E. T., Katzen, and Plow, assignors.)
Norton, Alvin K., Portland, Oreg. Control mechanism for coin actuated machines. 2,144,807; Jan. 24.
Norton, Arthur J. (See Dent, H. M., and Norton.)
Norton, Charles E. (See Campbell, E. G., and Norton.)
Norton, Charles E., assignor to Norton-McMurray Manufacturing Company, Chicago, Ill. Applying pipe joint clamps. 2,163,261; June 20.
Norton, Charles E., assignor to Norton-McMurray Manufacturing Company, Chicago, Ill. Pipe joint clamp. 2,178,286; Oct. 31.
Norton, Chester H., New York, N. Y. Venetian shade. Re. 20,965; Jan. 3.
Norton, Chester H., New York, N. Y. Sanitary lip check or shield. 2,142,282; Jan. 3.
Norton, Clifford, Springfield, N. J., and P. Karmel, assignors to Otis Elevator Company, New York, N. Y. Interlocking mechanism. 2,160,896; June 6.
Norton Company. (See Alvord, Charles C., assignor.)
Norton Company. (See Belden, A. G., and Flygare, assignors.)
Norton Company. (See Beth, Hugo W. H., assignor.)
Norton Company. (See Cole, Raymond A., assignor.)
Norton Company. (See Crompton, George, Jr., assignor.)
Norton Company. (See Dudgeon, Harry A., assignor.)
Norton Company. (See Flygare, Carl G., assignor.)
Norton Company. (See Flygare, C. G., and Silven, assignors.)
Norton Company. (See Flygare, C. G., and Taylor, assignors.)
Norton Company. (See Goehring, Bernhard H., assignor.)
Norton Company. (See Green, Clarence J., assignor.)
Norton Company. (See Hudson, Charles J., assignor.)
Norton Company. (See Hulbert, G. E., and Indge, assignors.)
Norton Company. (See Indge, Herbert S., assignor.)
Norton Company. (See Indge, H. S., and Belden, assignors.)
Norton Company. (See Kistler, Samuel S., assignor.)
Norton Company. (See Klein, Abraham A., assignor.)
Norton Company. (See Milligan, L. H., and Lombard, assignors.)
Norton Company. (See Nye, Theodore H., assignor.)
Norton Company. (See Paine, Lloyd E., assignor.)
Norton Company. (See Richardson, Sylvester G., assignor.)
Norton Company. (See Ridgway, Raymond R., assignor.)
Norton Company. (See Ridgway, R. R., and Bailey.')
Norton Company. (See Sanford, Baalis, assignor.)
Norton Company. (See Sanford, B., and Webster, assignors.)
Norton Company. (See Silven, Herbert A., assignor.)
Norton Company. (See Taylor, Irving A., assignor.)
Norton Company. (See Thompson, John G., assignor.)
Norton Company. (See Van der Pyl, Edward, assignor.)
Norton Company. (See Wagner, H. W., and Whitcomb, assignors.)
Norton Company. (See Williams, L. A., and Racine, assignors.)
Norton Company. (See Wood, Wallace H., assignor.)
Norton Company. (See Wood, W. H., and Flygare, assignors.)
Norton, Eugene E., assignor to Connecticut Clasp Company, Bridgeport, Conn. Garment clasp. 2,163,053; June 20.
Norton, Frank R., Livingston, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cathode ray sweep circuits. 2,180,364; Nov. 21.
Norton, Frank R., Livingston, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sweep circuits. 2,180,365; Nov. 21.
Norton, Homer L., Shepherd, Mich. Antisideslipping attachment for motor vehicles. 2,179,515; Nov. 14.
Norton, James L. (See Fedden, A. H. R., and Norton.)
Norton, John L., New York, N. Y., assignor of one-half to A. S. Levin, Philadelphia, Pa. Beverage dispensing apparatus. 2,167,309; July 25.
Norton, John S., San Francisco, Calif. Fishing reel. 2,144,635; Jan. 24.
Norton Laboratories. (See Bryant, Arnett T., assignor.)
Norton Laboratories. (See Valentine, H. G., and Traver, assignors.)
Norton Lasier Company. (See Lasier, David R., assignor.)
Norton, Leland D., Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y. Dictating machine. 2,143,819; Jan. 10.
Norton, Leland D., Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y. Dictating machine. 2,181,437; Nov. 28.
Norton, Leland D., and J. E. Renholdt, Bridgeport, Conn., assignors to Dictaphone Corporation, New York, N. Y. Hearing tube. 2,142,407; Jan. 3.
Norton, Leland D., Fairfield, and V. L. Frykman, Bridgeport, Conn., assignors to Dictaphone Corporation, New York, N. Y. Commercial phonograph. 2,152,440; Mar. 28.
Norton, Leland D., Fairfield, and J. H. Horwath, South Norwalk, Conn., assignors to Dictaphone Corporation, New York, N. Y. Sound record tablet. 2,180,091; Nov. 14.
Norton-McMurray Manufacturing Company. (See Campbell, E. G., and Norton, assignors.)
Norton-McMurray Manufacturing Company. (See Norton, Charles E., assignor.)
Norton, Raymond P., Algona, Iowa. Valve refacing tool. 2,143,570; Jan. 10.
Norton, Theodore, assignor to The Murray Corporation of America, Detroit, Mich. Shuttle feed for presses. 2,176,543; Oct. 17.
Nortron Patents Corporation. (See Baruch, Sydney N., assignor.)
Norvell, William E., Kansas City, Mo. Separable sieve for bolters. 2,181,605; Nov. 28.
Norwalk Hat Company, The. (See Heath, Aurelius V., assignor.)
Norwine, Andrew C., Passaic, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal transmission system. 2,164,344; July 4.
Norza, Angelo M., San Francisco, Calif. Can pouring spout. 2,177,874; Oct. 31.
Norza, Angelo M., San Francisco, Calif. Spigot. 2,177,875; Oct. 31.
No Sag Spring Company. (See Horton, Frank J., assignor.)
No-Sag Spring Company. (See Kaden, Karl, assignor.)
No-Sag Spring Company. (See Kloppman, Paul, assignor.)
No Sag Spring Company. (See Mouw, Andrew, assignor.)
Nothdurf, Karl F., Detroit, Mich. Hanger for screens and storm sash. 2,181,585; Nov. 28.
Notley, Joseph H., assignor of one-half to Brauer Machine & Supply Company, Oklahoma City, Okla. Well clean-out bailer. 2,169,922; Aug. 15.
Notson, Ross, Rockport, Mo. Demountable wheel. 2,148,707; Feb. 28.
Nottingham, John L., North Olmstead, Ohio. Type justifier. 2,175,969; Oct. 10.
Nova Electric Corporation. (See Dubilier, Philip, assignor.)
Novack, Edward J., McKeesport, Pa., assignor to National Tube Company. Pipe or tube making. 2,167,424; July 25.
Novack, Henry, Brooklyn, N. Y. Bird nest. 2,165,295; July 11.
Novack, Henry, Brooklyn, N. Y. Platform nest for birds. 2,181,495; Nov. 28.
Novadel-Agene Corporation. (See Baker, John C., assignor.)
Novadel-Agene Corporation. (See Peet, Gerald D., assignor.)
Novak, Albert, New York, N. Y. Amusement device. 2,163,348; June 20.
Novak, Izador J., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Clutch facing. 2,150,937; Mar. 21.
Novak, Izador J., assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Drying oil and preparing same. 2,178,604; Nov. 7.
Novak, Joseph, Roy, Wash. Heating unit. 2,151,140; Mar. 21.
Novak, Julius J., Cleveland, Ohio. Sustaining and propelling member for fluid-sustained craft. 2,169,325; Aug. 15.
Novelart Mfg. Co. (See Kahn, Milton, assignor.)
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Envelope making machine. 2,142,143; Jan. 3.
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Bag manufacture. 2,147,856; Feb. 21.
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Envelope transfer and feeding mechanism. 2,162,666; June 13.
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Envelope machinery. 2,170,422; Aug. 22.
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Sheet feeding mechanism. 2,170,423; Aug. 22.
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Envelope making machine. 2,173,854; Sept. 26.
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co. Inc., New York, N. Y. Envelope-making machine. 2,181,518; Nov. 28.
Novick, Abraham, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Sheet feeding mechanism. 2,182,595; Dec. 5.
Novick, Daniel, Flushing, assignor to F. L. Smithe Machine Co., Inc., New York, N. Y. Envelope fastener machine. 2,180,718; Nov. 21.
Novo Patents, Inc. (See Pascale, Pasquale, assignor.)

Novo Patents, Inc. (See Pinto, Albert P., assignor.)
Novotny, Anton, Detroit, Mich., assignor, by mesne assignments, to Standard-Knapp Corporation, Long Island City, N. Y. Packing machine. Re. 21,288; Dec. 5.
Novotny, Carl G. (See Frentzel, H. C., Jr., and Novotny.)
Novotny, Emil E., assignor, by mesne assignments, to Durite Plastics, Incorporated, Philadelphia, Pa. Synthetic resins and nitrogen containing organic compound addition products. 2,156,124; Apr. 25.
Novotny, Emil E., assignor, by mesne assignments, to Durite Plastics, Incorporated, Philadelphia, Pa. Apparatus for the manufacture of lamps and the like. 2,163,177; June 20.
Novotny, Emil E., Oak Lane, assignor to Durite Plastics, Incorporated, Philadelphia, Pa. Resins from phenolic compositions and esters of anacardic acid. 2,170,950; Aug. 29.
Novotny, Emil E., assignor, by mesne assignments, to Durite Plastics, Incorporated, Philadelphia, Pa. Manufacture of synthetic resin bonded abrasive articles. 2,174,755; Oct. 3.
Nowak, John J., Buffalo, N. Y. Refluent ear nozzle. 2,169,923; Aug. 15.
Nowak, Leon J., Jr., Chicago, Ill. Dash pot. 2,165,501; July 11.
Nowak, Paul, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Electric circuit interrupter. 2,142,860; Jan. 3.
Nowak, Paul, Berlin-Charlottenburg, C. Tobis, Berlin-Oberschoneweide, and H. Hofmeier, Berlin-Charlottenburg, Germany, assignors to General Electric Company. Electric circuit interrupter. 2,157,832; May 9.
Nowland, Roger L., New York, N. Y. Motion picture apparatus. 2,148,493; Feb. 28.
Nowlin, William O. (See Cousins, M. V., Bond, Kirkpatrick, Nowlin, and King.)
Nowosielski, Edward B., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Spark plug. 2,150,723; Mar. 14.
Nowosielski, Edward B., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Ignition apparatus. 2,150,724; Mar. 14.
Nowosielski, Edward B., Bloomfield, N. J., assignor to Eclipse Aviation Corporation. Forming a spark plug. 2,150,725; Mar. 14.
Nowosielski, Edward B., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Ignition apparatus. 2,150,726; Mar. 14.
Nowosielski, Edward B., Bloomfield, N. J., assignor to Eclipse Aviation Corporation. Ignition apparatus. 2,150,727; Mar. 14.
Nowosielski, Edward B., Bloomfield, N. J., assignor to Eclipse Aviation Corporation. Ignition apparatus. 2,150,728; Mar. 14.
Nowosielski, Edward B., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Spark plug. 2,184,196; Dec. 19.
Noxon, Elmer W., Webster Groves, and K. E. Garrison, assignors to Ralston Purina Company, St. Louis, Mo. Apparatus for manufacturing a food product. 2,155,952; Apr. 25.
Noxon, Paul A. (See Nuxoll, F. G., and Noxon.)
Noxon, Paul A., Bergenfield, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Integrating phase correction mechanism. 2,166,505; July 18.
Noyack, Edward, Seymour, Conn., assignor to The Risdon Manufacturing Company. Fabricating cosmetic holders. 2,168,876; Aug. 8.
Noyack, Edward, Seymour, and G. P. Peterson, Naugatuck, Conn., assignors to The Risdon Manufacturing Company. Fabricating cosmetic holder. 2,168,877; Aug. 8.
Noyes, Waldo, et al., trustee. (See Finnell, Norman C., assignor.)
Nuchterlein, Karl, assignor to Ihagee Kammerawerk Steenbergen & Company, Dresden, Germany. Roll film cushion. 2,147,106; Feb. 14.
Nuchterlein, Karl, assignor to Ihagee Kamerawerk Steenbergen & Co., Dresden, Germany. Reflex camera. 2,165,903; July 11.
Nuchterlein, Karl, assignor to Ihagee Kamerawerk Steenbergen & Company, Dresden, Germany. Camera. 2,180,064; Nov. 14.
Nu-Dell, Arthur A., assignor to Nu-Dell Manufacturing Co., Inc., Chicago, Ill. Cleaning device. 2,175,157; Oct. 3.
Nu-Dell Manufacturing Co. (See Nu-Dell, Arthur A., assignor.)
Nuesslein, Josef, and G. von Finck, Frankfort-on-theMain, and H. Stärk, Bad Soden in Taunus, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Textile material and preparing it. 2,168,535; Aug. 8.
Nuesslein, Joseph. (See Schoeller, C., and Nuesslein.)
Nuesslein, Joseph, and G. von Finck, Frankfort-on-the-Main, and H. Stärk, Bad Soden in Taunus, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Waterproofing textile material and the material thus obtained. 2,168,534; Aug. 8.
Nugent, Albert E. (See Thoms, F. E., and Nugent.)
Nugent, Joseph J., Pleasantville, N. Y. Necktie holder. 2,157,623; May 9.
Nulsen, Marvin E., and L. R. Goetz, assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric meter. 2,167,083; July 25.
Nulsen, Marvin E., Indianapolis, Ind., and D. H. Mitchell, Chicago, Ill., assignors to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric potential converter and circuits therefor. 2,167,084; July 25.
Numans, Johannes J., The Hague, Netherlands. Electrical amplifying system and operation. 2,158,248; May 16.
Nunan, Thomas J., Summit, assignor to The Clark Thread Company, Newark, N. J. Thread testing device. 2,142,251; Jan. 3.
Nunan, Thomas J., Summit, assignor to The Clark Thread Company, Newark, N. J. Recording device. 2,142,252; Jan. 3.
Nunan, Thomas J., Summit, assignor to The Clark Thread Company, Newark, N. J. Electrical circuit. 2,142,253; Jan. 3.
Nunan, Thomas J., Summit, assignor to The Clark Thread Company, Newark, N. J. Electric circuit controlled by light cells. 2,142,254; Jan. 3.
Nunan, Thomas J., Summit, assignor to The Clark Thread Company, Newark, N. J. Thread testing device. 2,142,255; Jan. 3.
Nunn, Joseph R., Brooklyn, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Thread controlling device for sewing machines. 2,184,929; Dec. 26.
Nuodex Products Co. (See Roon, L., and Minich, assignors.)
Nurnberg, Charles, Brooklyn, N. Y. Hydrometer. 2,180,995; Nov. 21.
Nurse, Weir C., Omaha, Nebr. Automatic regulator suitable for furnace control. 2,146,087; Feb. 7.
Nüsslein, Joseph, O. Nicodemus, W. Schmidt, and B. Schacke, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuff printing. 2,146,646; Feb. 7.
Nutt, Harold, assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Automatic clutch. 2,164,540; July 4.
Nutt, Harold, assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Automatic clutch. 2,176,224; Oct. 17.
Nutt, Harold, and H. V. Reed, assignors to Borg-Warner Corporation, Chicago, Ill. Clutch disk. 2,143,113; Jan. 10.
Nutt, William H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shank stiffener unit. 2,182,033; Dec. 5.
Nuttall, Thomas C. (See Turner, H. C., and Nuttall.)
Nutter, Charles C., West Los Angeles, Calif. Apparatus for separating precious metals from black sand. 2,158,551; May 16.
Nutting, Arthur, assignor to American Air Filter Company, Inc., Louisville, Ky. Air filter lint screen. 2,167,283; July 25.
Nutting, Howard S. (See Britton, E. C. Nutting, and Petrie.)
Nutto, Louis A., North Arlington, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Incandescent lamp with means to reduce bulb blackening. 2,151,522; Mar. 21.
Nuxoll, Frederick G., Queens Village, N. Y., and P. A. Noxon Tenafly, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Synchronizing system. 2,173,723; Sept. 19.
Nyberg, Herman. (See Gurton, W. S., Plint, and Nyberg.)
Nyborg, Tage G., assignor of one-half to The Mining Engineering Company Limited, Worcester, England. Belt conveyer. 2,146,911; Feb. 14.
Nyborg, Tage G., assignor of one-half to The Mining Engineering Company Limited, Worcester, England. Shaker conveyer. 2,152,148; Mar. 28.
Nyborg, Tage G., assignor to The Mining Engineering Company Limited, Worcester, England. Driving unit for belt conveyers. 2,165,759; July 11.
Nycum, Homer C. (See Berndt, A. A., and Nycum.)
Nycum, Homer C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,147,456; Feb. 14.
Nydegger, George C., Alameda, Calif. Bag closure means. 2,142,330; Jan. 3.
Nydegger, Roland R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Crimping device. 2,171,371; Aug. 29.
Nydegger, Roland R., Wilmington, Del., and G. A. Seeley, Baltimore, Md., assignors to Western Electric Company, Incorporated, New York, N. Y. Assembling tool. 2,172,847; Sept. 12.
Nyden, Robert. (See Negbauer, H., and Nyden.)
Nyden, Robert, assignor to Continental Can Company, Inc., New York, N. Y. Dispensing container. 2,152,270; Mar. 28.
Nyden, Robert, assignor to Continental Can Company, Inc., New York, N. Y. Dispensing container. 2,152,271; Mar. 28.
Nye, Hugh C., assignor to Vickers Incorporated, Detroit, Mich. Power transmission. 2,180,817; Nov. 21.
Nye, Louis W., Lava Hot Springs, Idaho. Milk-shaker attachment. 2,176,271; Oct. 17.

Nye, Maurice A., Cuyahoga Falls, and E. J. McIlvried, Stow Corners, assignors to The Vaughn Machinery Company, Cuyahoga Falls, Ohio. Draw bench. 2,182,902; Dec. 12.
Nye, Norman H. (See McIlvried, E. J., and Nye.)
Nye, Ralph D., and D. J. Demorest, Columbus, Ohio, assignors to Utah Alloy Ores, Inc., Village of Thompsons, Utah. Obtaining uranium and vanadium from their ores. 2,173,523; Sept. 19.
Nye, Theodore H., assignor to Norton Company, Worcester, Mass. Shaft bearing. 2,171,887; Sept. 5.
Nye, Theodore H., assignor to Norton Company, Worcester, Mass. Hone. 2,175,158; Oct. 3.
Nygaard, Edwin M. (See James, W. H., Moran, and Nygaard.)
Nygaard, Edwin M., and G. S. Crandall, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Diesel fuel. 2,185,157; Dec. 26.
Nygaard, Johan O., Oslo, Norway, and O. Miöen, assignors to Aktiebolaget Nordiska Hovbeslaget, Stockholm, Sweden. Horseshoe calk bar. 2,145,013; Jan. 24.
Nyhagen, Barney R., New York, N. Y. Dry shaver. 2,143,896; Jan. 17.
Nyhagen, Barney R., New York, N. Y. Razor blade wrapper. 2,147,665; Feb. 21.
Nyhagen, Barney R., New York, N. Y. Motor driven razor. 2,163,406; June 20.
Nykamp, Louis E., assignor to Grand Rapids Fibre Cord Company, Grand Rapids, Mich. Spool. 2,167,957; Aug. 1.
Nyland, John A., Flint, assignor to General Motors Corporation, Detroit, Mich. Propeller shaft mounting. 2,155,953; Apr. 25.
Nylander, Erik G., Chicago, Ill., assignor to Holland Company. Shim plate. 2,157,005; May 2.
Nyman, Alexander, Weehawken, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Discharge tube amplifier. 2,144,226; Jan. 17.
Nyquist, Harry, Milburn, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission circuits. 2,164,752; July 4.
Nyquist, Harry, Millburn, N. J., assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Carrier current telegraphy. 2,184,978; Dec. 26.
Nystrom, Carl M. (See Giles, H. H., and Nystrom.)
Nystrom, Carl W., deceased, late of Karlstad, Sweden, by H. F. Stenman, administrator, Karlstad, Sweden. Sound recording and reproducing device. 2,164,778; July 4.
Nystrom, Gunnar B., assignor to The Republic Brass Company, Cleveland, Ohio. Drain fitting. 2,169,006; Aug. 8.
Nystrom, Gunnar B., Cleveland Heights, assignor to The Republic Brass Company, Cleveland, Ohio. Waste control. 2,184,001; Dec. 19.
Nyström, Jean L. (See Dalenius, V. R. A., and Nyström.)
Nystrom, Karl F., Milwaukee, Wis. Railroad car construction. 2,150,897; Mar. 21.
Nystrom, Karl F., Milwaukee, Wis. Railroad passenger car step. 2,154,107; Apr. 11.
Nystrom, Karl F., Milwaukee, Wis. Mounting underneath equipment to railroad cars. 2,157,427; May 9.
Nystrom, Karl F., Milwaukee, Wis., assignor, by mesne assignments, of one-half to P. H. Murphy Company, New Kensington, Pa., and one-half to Standard Railway Equipment Manufacturing Company. Car roof. 2,155,677; Apr. 25.
Nystrom, Karl F., Milwaukee, Wis., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company, Hammond, Ind. Car roof. 2,181,857; Nov. 28.
O. K. Tool Company, The. (See Reaney, Ernest, assignor.)
Oak Manufacturing Company. (See Dressel, Henry M., assignor.)
Oak Manufacturing Company. (See Mastney, Edward J., assignor.)
Oakes, Fulton D., Jamaica Plain, Mass. Brushing attachment for knitting machines. 2,152,912; Apr. 4.
Oakes, Gradie, assignor to Process Rubber Plate Company, Chicago, Ill. Printing plate for rotary rib equipped printing cylinders. 2,172,144; Sept. 5.
Oakes Manufacturing Company, The. (See Abendroth, Elmer T., assignor.)
Oakes Manufacturing Company, The. (See Zaloudek, William A., assignor.)
Oakes, William B., et al., trustees. (See Davis, Kenneth, assignor.)
Oakite Products, Inc. (See Johnson, Le Baron B., assignor.)
Oakland, Harry C., Chula Vista, Calif. Detachable anti-slipping means. 2,157,561; May 9.
Oakley, Henry D., Woodlynne, N. J. Inductor compass. Re. 21,156; July 18.
Oakley, Robert W., Toronto, Ontario, Canada. Plant-setting machine. 2,163,802; June 27.
Oass, Alfred, Bremerton, Wash. Resilient flame-resistant gasket material. 2,165,296; July 11.
Oates, James M., Ashland, Va. Dowel means for roadway joints. 2,164,590; July 4.
Oates, William A., Los Angeles, Calif. Liquid gauge. 2,147,365; Feb. 14.
Obbard, Norman B., Sewickley, Pa. Electric power transmission tower. 2,143,612; Jan. 10.
Obear-Nester Glass Company. (See Stuckey, Samuel G., assignor.)
O'Beirne, Donald E., Waukesha, Wis. Observation unit for bees or the like. 2,170,210; Aug. 22.
Ober, Leonard, Baltimore, Md. Electrical switch means. 2,144,705; Jan. 24.
Oberender, John L., Kingsville, assignor to Oles Envelope Corporation, Baltimore, Md. Printing attachment for envelope machines. 2,147,541; Feb. 14.
Oberfell, Charles R., Lynchburg, Va., assignor to The Mead Corporation, Chillicothe, Ohio. Purification of tannin extract. 2,173,977; Sept. 26.
Oberfell, George G. (See Schulze, W. A., and Oberfell.)
Obergfell, Herbert F., River Forest, Ill., assignor by mesne assignments, to Associated Electric Laboratories, Inc. Circuit controlling devices. Re. 21,200; Sept. 5.
Obergfell, Herbert F., River Forest, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone-hand-set mounting. 2,152,494; Mar. 28.
Obergfell, Herbert F., River Forest, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone set. 2,163,006; June 20.
Obergfell, Herbert F., River Forest, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Circuit controlling device. 2,184,101; Dec. 19.
Oberhoffken, Alexander. (See Strawn, M. L., and Oberhoffken.)
Oberhoffken, Alexander, assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Machine tool. 2,167,673; Aug. 1.
Oberholtzer, Robert E., Norristown, assignor to James Lees & Sons, Inc., Bridgeport, Pa. Dyeing or bleaching machine. 2,174,474; Sept. 26.
Oberlin, Ralph E., Massillon, Ohio. Sign anchorage attachment. 2,177,327; Oct. 24.
Obermaier, John A., Chicago, Ill. Safety system. 2,165,569; July 11.
Obermeit, Fritz, Leipzig, Germany. Peeling machine for potatoes, etc. 2,169,707; Aug. 15.
Oberstadt, Peter B. (See von Oberstadt, Peter-Franz G. B.)
Obrecht, Norbert L., assignor to American Forging & Socket Company, Pontiac, Mich. Hinge construction. 2,160,485; May 30.
O'Brien, Brian, Rochester, N. Y. Irradiating liquids. 2,147,857; Feb. 21.
O'Brien, Brian, Rochester, N. Y. Method and apparatus for producing thin wedges. 2,160,981; June 6.
O'Brien, Brian, Rochester, N. Y. Method and apparatus for separating material. 2,168,681; Aug. 8.
O'Brien, Chester J., Chicago, Ill. Structural unit. 2,146,758; Feb. 14.
O'Brien, Edward T., et al. (See Funk, Charles J., assignor.)
O'Brien, Frank J., et al. (See Elsom, James D., assignor.)
O'Brien, Frank J., Pelham, assignor to Continental Can Company, Inc., New York, N. Y. Can closure 2,154,349; Apr. 11.
O'Brien, Frank J., Pelham, assignor to Continental Can Company, Inc., New York, N. Y. Container and detachable pouring spout. 2,168,607; Aug. 8.
O'Brien, Frank J., Pelham, and W. F. Punte, Syracuse, assignors to Continental Can Company, Inc., New York, N. Y. Container and detachable pouring spout. 2,168,608; Aug. 8.
O'Brien, Frank J., Pelham, and O. G. Jakob, St. Albans, assignors to Continental Can Company, Inc., New York, N. Y. Container and detachable spout. 2,168,609; Aug. 8.
O'Brien, Frederic L. (See Wise, R. J., and O'Brien.)
O'Brien, James J., Baltimore, Md., assignor to The Glidden Company, Cleveland, Ohio. Improving the color of off-color cadmium red pigments. 2,173,128; Sept. 19.
O'Brien, Jerome E., Attleboro, Mass., assignor to Morse Andrews Co. Cuff link construction. 2,161,189; June 6.
O'Brien, John F., assignor to The Waterbury Farrel Foundry and Machine Company, Waterbury, Conn. Transfer mechanism. 2,184,752; Dec. 26.
O'Brien, John J., et al. (See Dewan, L., and Bartho, assignors.)
O'Brien, John J., et al. (See Wren, J. R., and Bartho, assignors.)
O'Brien, Joseph F., Jersey City, N. J., assignor, by mesne assignments, to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lighting fixture. 2,162,515; June 13.
O'Brien, Joseph L., South Norwalk, assignor to Hat Corporation of America, Norwalk, Conn. Carton. 2,171,760; Sept. 5.
O'Brien, M. J., Limited. (See Houghton, Edward M., assignor.)
O'Brien, Martin J., administrator. (See Farmer, Arthur J.)
O'Brien, Patrick J., Yeadon, Pa. Electric switch. 2,156,024; Apr. 25.
O'Brien, Richard H., Grand Rapids, Mich. Carton. 2,174,179; Sept. 26.
O'Brien, Robert J., Belleville, assignor to Collway Colors, Inc., Paterson, N. J. Dispersible color compositions. 2,155,326; Apr. 18.

O'Brien, Terence H., assignor to Isaac Braithwaite & Son Engineers Limited, Kendal, England. Grooved pulley for rope drives. 2,180,065; Nov. 14.
O'Brien, William J., Chicago, Ill., assignor to Radio Corporation of America. Amplifier tube and circuit. 2,145,368; Jan. 31.
O'Brien, William J., Gates Mills, assignor to The Glidden Company, Cleveland, Ohio. Purification of cadmium. 2,178,763; Nov. 7.
Obszarny, Theodore. (See Nelsen, M., and Obszarny.)
Obszarny, Theodore, assignor to Guardian Electric Mfg. Co., Chicago, Ill. Plug and jack structure. 2,145,949; Feb. 7.
Obszarny, Theodore J., assignor to Guardian Electric Mfg. Co., Chicago, Ill. Plug and jack construction. 2,157,428; May 9.
O'Callaghan, Jerome J., Chicago, Ill., assignor, by mesne assignments, to United-Carr Fastener Corporation, Cambridge, Mass. Securing device. 2,169,708; Aug. 15.
Occhipinto, Antonio, et al. (See Wallace, J. D., assignor, and Sullenger.)
O-Cedar Corp'n. (See Brell, Jules J., assignor.)
Ocenasek, William F., assignor to Walker-Turner Company, Inc., Plainfield, N. J. Apparatus for bench grinding long blades. 2,153,502; Apr. 4.
Ocenasek, William F., assignor to Walker-Turner Co. Inc., Plainfield, N. J. Tensioning means for running jigsaws. 2,165,002; July 4.
Och, Henry G., West Englewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromechanical wave filter. 2,164,541; July 4.
Ochs, Edwin E., Riverton, assignor to Ruby Kid Co., Camden, N. J. Treating skins, hides, and pelts. 2,147,542; Feb. 14.
Ocon, Cecilio L., Yonkers, N. Y. Furnace for heat treating carbonaceous material. 2,184,465; Dec. 26.
Ocon, Ernest A., New York, N. Y. Refining hydrocarbon oils and derivatives. 2,154,820; Apr. 18.
Ocon, Ernest A., Yonkers, N. Y. Producing and recovering branched chain aliphatics. 2,175,359; Oct. 10.
O'Connell, D. V. (See Schuppner, Elmer, assignor.)
O'Connell, John J., and H. S. Malone, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Shipping crate. 2,160,461; May 30.
O'Connor, Donald T., Stamford, Conn. Shearing head. 2,171,888; Sept. 5.
O'Connor, Raymond C., assignor to Union Railway Equipment Company, Chicago, Ill. Hand brake mechanism. 2,172,848; Sept. 12.
Ocutt, Paul C. (See Doty, J. O., and Orcutt.)
Oday, Arthur B., Cleveland, Ohio, assignor to General Electric Company. Portable lamp. 2,146,591; Feb. 7.
O'Day, James A., New York, N. Y. Coupling device. 2,154,914; Apr. 18.
Odegaard, T. C., et al. (See Rogers, Leonard A., assignor.)
Odell, Herbert B., Toronto, Ontario, Canada. Turnstile. 2,176,848; Oct. 17.
O'Dell, John W., Oildale, Calif. Sucker rod wiper. 2,163,007; June 20.
Odell, Karl E., Fremont, assignor of forty-nine per cent to H. E. Piltz, Hesperia, Mich. Electrical connection for storage batteries. 2,159,042; May 23.
Odell, Stanley F., assignor to Dutchess Tool Company, Beacon, N. Y. Transfer mechanism. 2,160,557; May 30.
Odenbaugh, Edward D., Jr. (See Rihn, E. D., and Odenbaugh.)
Odenbreit, Frank L. (See Hughes, J. W., Hopkins, and Odenbreit.)
Odend-hal, Charles J., Washington, D. C. Reducing valve. 2,155,170; Apr. 18.
Odier, Antoine I., Paris, France. Measuring a quantity of liquid in a tank. 2,162,180; June 13.
Odill, Henry, Norway, Mich. Hydroelectric power plant. 2,163,102; June 20.
O'Donnell, Eugene D., Kings Cross, Sydney, Australia. Combined means for jacking motor vehicles. 2,145,571; Jan. 31.
O'Donnell, James A., et al. (See Reenstierna, Gustaf L., assignor.)
O'Donnell, Roland E., Odessa, Tex., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Multiple stage cementing. 2,161,309; June 6.
O'Donnell, Roland E., Midland, Tex., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Plugging off bottom hole water under pressure. 2,169,569; Aug. 15.
O'Dowd, Henry W., Jersey City, N. J., assignor to Standard Gas Equipment Corporation. Gas range. 2,169,660; Aug. 15.
O'Dowd, Henry W., Jersey City, N. J., assignor to Standard Gas Equipment Corporation. Bake oven. 2,177,223; Oct. 24.
O'Dowd, Henry W., Jersey City, N. J., assignor to Standard Gas Equipment Corporation. Gas stove. 2,182,734; Dec. 5.
O'Dowd, Henry W., Jersey City, N. J., assignor to Standard Gas Equipment Corporation. Liquid heating apparatus. 2,182,735; Dec. 5.
Odquist, Maurice V. (See Jewett, F. G., and Odquist.)
Oeckl, Ludwig, Dessau, and Erhard Müller, Esslingen Neckar, assignors to the firm Henschel Flugzeug-Werke A. G., Schonefeld, Teltow, Germany. Press for the flawless deforming of flat blanks. 2,163,517; June 20.
Oeding, Anthony A., Ferguson, Mo. Decoy duck. 2,162,786; June 20.
Oehler, Alvin W., and R. L. Anderson, assignors to Deere & Company, Moline, Ill. Corn picker. 2,160,486; May 30.
Oehler, Alvin W., R. L. Anderson, and L. A. Paradise, assignors to Deere & Company, Moline, Ill. Combine. 2,169,472; Aug. 15.
Oehler, Benjamin A., St. Louis, Mo. Playing game. 2,145,608; Jan. 31.
Oehler, Jesse L., Jennings, La. Flow regulating means for oil wells. 2,150,077; Mar. 7.
Oehme, Hermann. (See Frey, A., Glück, and Oehme.)
Oehmichen, Etienne E., Valentigney, France. Automatic linear dimension gauge. 2,165,647; July 11.
Oelgoetz, Anton W., Columbus, Ohio. Dispensing powdered milk compounds. 2,173,311; Sept. 19.
Oelkers, Alfred H., Chicago, Ill. Impact forging. 2,170,519; Aug. 22.
Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Railway brake. 2,180,092; Nov. 14.
Oelkers, Alfred H., assignor to American Steel Foundries, Chicago, Ill. Truck. 2,183,504; Dec. 12.
Oelkers, Max, New Braunfels, Tex. Corn shucker. 2,179,897; Nov. 14.
Oesinghaus, Werner, Berlin-Treptow, Germany, assignor to General Electric Company. Current and voltage responsive apparatus. 2,157,006; May 2.
Oesterle, Frank D., West Englewood, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Safety arrangement. 2,158,635; May 16.
Oesterlein, William J., assignor to Harnischfeger Corporation, Milwaukee, Wis. Dynamo-electric machinery. 2,179,561; Nov. 14.
Oesterr, Saurer-Werke Aktiengesellschaft. (See von Radiis, G. R., Patzl, Kuschel, Klanner, and Zabransky, assignors.)
Oesterr Ung. Optische Anstalt C. P. Goerg Gesellschaft m. b. H. (See Catasta, Romulus, assignor.)
Oesterreichisch Amerikanische Magnesit Aktiengesellschaft. (See Berlek, Josef, assignor.)
Oesterreichische Chemische Werke Gesellschaft m. b. H. (See Müller, Josef, assignor.)
Oesterreichische Dynamit Nobel Aktiengesellschaft. (See Müller, W. J., and Niessner, assignors.)
Oestreich, Godfrey. (See Hester, John C., assignor.)
Oestreicher, George J., Cleveland, Ohio. Thermometer casing and tank sanitary fitting combination. 2,178,697; Nov. 7.
Oestreicher, George J., Cleveland, Ohio. Liquid level gauge. 2,182,749; Dec. 5.
Oettel, Erwin, Zeitz, Germany. Suspension device. 2,166,533; July 18.
O'Farrell, Matthew, Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Rotation release for rock drills. 2,179,643; Nov. 14.
Ofeldt, August W. (See Kretzschmar, C. R., and Ofeldt.)
Offen, Bernard, Chicago, Ill. Drying method and apparatus. 2,152,770; Apr. 4.
Offen, Bernard, Chicago, Ill. Drying apparatus. 2,183,298; Dec. 12.
Offermanns, Fritz, Muskau, Oberlausitz, Germany. Decomposition of raw cellulose. 2,164,040; June 27.
Officer, Robert A., Denver, Colo., assignor to J. P. Seeburg Corporation, Chicago, Ill. Vending apparatus. 2,153,694; Apr. 11.
Officer, Wesley J. (See Tyrrell, D. W., Officer, and Seaver.)
Officer, Wesley J., Hampden, and O. T. Wood, assignors to Blake Manufacturing Corporation, Clinton, Mass. Flashlight. 2,153,336; Apr. 4.
Offner, Franklin, Chicago, Ill. Potential recording marker. 2,150,729; Mar. 14.
Offner, Maximilian, Endicott, assignor to International Business Machines Corporation, New York, N. Y. Conductor terminal. 2,157,007; May 2.
Offord, Harold R., Berkeley, Calif., dedicated to the free use of the People of the United States. Herbicide. 2,173,236; Sept. 19.
Offutt, Harold H., Winchester, assignor to Godfrey L. Cabot, Inc., Boston, Mass. Manufacture of carbon black. 2,167,674; Aug. 1.
Offutt, John W., Ellwood City, Pa., assignor to National Tube Company. Tube-drawing method. 2,171,595; Sept. 5.
Offutt, Winfield R., et al. (See Lorber, Charles, assignor.)
Oftedal, Philip R., and D. G. Kingsley, Chicago, Ill. Weatherstripping. 2,158,298; May 16.
Oftedal, Philip R., and D. G. Kingsley, Chicago, Ill. Threshold. 2,167,958; Aug. 1.
Ogden, Jacob W., Springdale, assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Postage meter unit. 2,179,232; Nov. 7.
Ogden, Jacob W., Springdale, assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Adjustable printing die. 2,179,269; Nov. 7.
Ogden, Joseph G. (See Stauss, H. E., and Ogden.)
Ogg, William A., Cincinnati, Ohio. Coal drier. 2,157,268; May 9.
Ogilvie, William, Knowle, assignor to B. S. A. Tools Limited, Birmingham, England. Thread cutting device for lathes. 2,143,794; Jan. 10.
Ogle, John P., Glendale, assignor to J. K. Kafoury, doing business as Cord-Away Mfg. Co., Los Angeles, Calif. Attachment plug. 2,151,226; Mar. 21.

Ogle, Kenneth N., assignor to Trustees of Dartmouth College, Hanover, N. H. Trial lens. 2,149,897; Mar. 7.
Ogle, Kenneth N., assignor to trustees of Dartmouth College, Hanover, N. H. Trial lens. 2,183,028; Dec. 12.
Oglesby, David E. (See Willis, Elijah J., assignor.)
Oglesby, Nicholas E. (See Schacht, E. C., and Oglesby.)
Oglesby, Nicholas E., Troy, N. Y. Coated and impregnated paper and manufacture thereof. 2,173,129; Sept. 19.
Oglesby, Nicholas E., Troy, N. Y. Treated and coated paper and manufacture thereof. 2,173,130; Sept. 19.
Oglesby, Nicholas E., assignor to Behr-Manning Corporation, Troy, N. Y. Abrasive coated sheet. 2,173,796; Sept. 19.
Oglesby, Nicholas E., assignor to Behr-Manning Corporation, Troy, N. Y. Coated abrasive. 2,184,896; Dec. 26.
Ogloblinsky, Gregory N. (See Zworykin, V. K., and Ogloblinsky.)
Ogloblinsky, Gregory N., deceased, Collingswood, N. J., by V. K. Zworykin, administrator, Philadelphia, Pa., assignor to Radio Corporation of America. Cathode ray device. 2,156,769; May 2.
Ogloblinsky, Gregory N., deceased, Collingswood, N. J., by V. K. Zworykin, administrator, Philadelphia, Pa., assignor to Radio Corporation of America. Picture transmission apparatus. 2,176,225; Oct. 17.
O'Grady, Frederick T., Flushing, N. Y. Color motion picture projection. 2,168,041; Aug. 1.
O'Grady, Frederick T., Flushing, N. Y. Lens assembly for motion picture projection. 2,168,042; Aug. 1.
O'Grady, Frederick T., Flushing, N. Y. Motion picture film-advancing mechanism. 2,168,043; Aug. 1.
Ogsbury, Stanton C., Boise, and C. Barron, Fairfield, Idaho, and I. R. Park, Seattle, Wash. Toy aircraft. 2,182,406; Dec. 5.
O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,154,282; Apr. 11.
O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,166,316; July 18.
O'Hagan, Bernard E., assignor to The Union Switch & Signal Company, Swissvale, Pa. Track shunting apparatus. 2,176,639; Oct. 17.
O'Halloran, Joseph P., assignor to Okopa Carbon Paper Eliminator Limited, London, England. Ink ribbon mechanism for typewriters and like machines. 2,148,217; Feb. 21.
O'Hara, Leo Paul, Pittsburgh, Pa. Incinerator furnace. 2,168,044; Aug. 1.
O'Hare, Anthony P., West New Brighton, N. Y. Glider. 2,158,377; May 16.
Ohashi, Allan K., Babylon, N. Y. Carbon paper. 2,183,580; Dec. 19.
Ohera, Albín, Brunn, Czechoslovakia. Lathe. 2,154,915; Apr. 18.
Ohio Boxboard Company, The. (See Stocker, Frederick C., assignor.)
Ohio Brass Company, The. (See Austin, Arthur O., assignor.)
Ohio Brass Company, The. (See Bovard, William P., assignor.)
Ohio Brass Company, The. (See Brandt, Thomas F., assignor.)
Ohio Brass Company, The. (See Chandler, Homer P., assignor.)
Ohio Brass Company, The. (See Higgins, Ralph, assignor.)
Ohio Brass Company, The. (See Jennens, W. S., and Miller, assignors.)
Ohio Brass Company, The. (See Matthes, Samuel S., assignor.)
Ohio Brass Company, The. (See McCreery, G. L., Campbell, and Higgins, assignors.)
Ohio Brass Company, The. (See Mead, George A., assignor.)
Ohio Brass Company, The. (See Meisse, Louis A., assignor.)
Ohio Brass Company, The. (See Rorden, Harold L., assignor.)
Ohio Brass Company, The. (See Ryan, Edmund C., assignor.)
Ohio Brass Company, The. (See Smith, William A., assignor.)
Ohio Brass Company, The. (See Taylor, John J., assignor.)
Ohio Carbon Company. (See Stoffel, Lester L., assignor.)
Ohio Chemical and Manufacturing Company, The. (See Sholes, Justin G., assignor.)
Ohio Chemical & Manufacturing Company, The. (See Sholes, J. G., and Glekler, assignors.)
Ohio Chemical and Manufacturing Company, The. (See Sholes, J. G., and Smith, assignors.)
Ohio Chemical and Manufacturing Company, The. (See Stevens, E. J., and Heidbrink, assignors.)
Ohio Citizens Trust Company, The. (See Replogle, Daniel B., assignor.)
Ohio Citizens Trust Company of Toledo, Ohio, The. (See Replogle, Daniel B., assignor.)
Ohio Citizens Trust Company, The, as trustee. (See Replogle, Daniel B., assignor.)
Ohio Crankshaft Company, The. (See Denneen, F. S., and Dunn, assignors.)
Ohio Crankshaft Company, The. (See Denneen, F. S., Dunn, and Mitchell, assignors.)
Ohio Electric Mfg. Co., The. (See Wertz, Roy O., assignor.)
Ohio Ferro-Alloys Corporation. (See Jones, Robert R., assignor.)
Ohio Ferro-Alloys Corporation. (See Vignos, James C., assignor.)
Ohio Rubber Company, The, et al. (See Forbes, George T., assignor.)
Ohio Rubber Company, The. (See Winegar, Edmund M., assignor.)
Ohio Rubber Company, et al. (See Winegar, E. M., and Dawes, assignors.)
Ohio Steel Foundry Company, The. (See Blaney, Fred J., assignor.)
Ohio Steel Foundry Company, The. (See Harbison, Clarence B., assignor.)
Ohio Steel Foundry Company, The. (See Zahn, John S., assignor.)
Ohle, Heinz, Hohen Neuendorf, near Berlin, Germany. Production of saccharosonic acids and their salts. 2,160,621; May 30.
Ohlhaver, Homer W., River Forest, Ill., assignor to Marathon Paper Mills Company, Rothschild, Wis. Packaging bulk frozen comestibles and dispensing same. 2,180,298; Nov. 14.
Ohlrogge, Herbert E., assignor of thirty-three one-hundredths to K. Gerken and thirty-three one-hundredths to C. C. Hughes, Merrill, Wis. Evacuated container. 2,177,224; Oct. 24.
Ohlson, Bengt E., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Mechanism for automatically determining and indicating unbalance in rotatable bodies. 2,167,488; July 25.
Ohlson, John B., Philadelphia, Pa., assignor to I. M. Jones, Milwaukee, Wis. Drying system. 2,170,763; Aug. 22.
Ohlsson, Olof A., Stavsjobruk, Sweden. Fuel burner. 2,177,225; Oct. 24.
Ohman, Maurel F., Long Beach, Calif., assignor to The Dow Chemical Company, Midland, Mich. Recovery of iodine from charcoal. 2,144,119; Jan. 17.
Ohme, Walter F., assignor to North Star Specialty & Manufacturing Company, Minneapolis, Minn. Machine for washing drinking vessels. 2,142,283; Jan. 3.
Ohme, Walter F., assignor to North Star Specialty & Manufacturing Company, Minneapolis, Minn. Perforate table. 2,160,031; May 30.
Ohme, Walter F., and R. C. Stephan, assignors to North Star Specialty & Manufacturing Company, Minneapolis, Minn. Machine for washing drinking vessels. 2,151,437; Mar. 21.
Ohme, Walter F., and R. C. Stephan, assignors to North Star Specialty & Manufacturing Company, Minneapolis, Minn. Water-control system for machines for washing drinking vessels. 2,170,307; Aug. 22.
Ohmer, John F., Dayton, assignor, by mesne assignments, to Central National Bank of Cleveland, Cleveland, Ohio, as trustee. Printing odomter. 2,160,032; May 30.
Ohmstede, August, Beaumont, Tex. Cutting machine. 2,178,938; Nov. 7.
Öhreneder, Karl, Vienna, Austria. Time switch. 2,169,924; Aug. 15.
Öhrn, Ernst H. (See Lindstedt, G. A., and Öhrn.)
Ohsman, Edward, New York, N. Y. Fur dyeing. 2,171,277; Aug. 29.
Ohstrom, Harry A., Detroit, Mich. Detachable repair shoe heel member. 2,171,045; Aug. 29.
Ohta, Masaki. (See Matukawa, T., and Ohta.)
Oil Devices. (See Breese, James L., assignor.)
Oilgear Company, The. (See Douglas, James K., assignor.)
Oilgear Company, The. (See Ferris, Walter, assignor.)
Oilgear Company, The. (See Simonds, Paul, assignor.)
Oilgear Company, The. (See Tyler, Ransom, assignor.)
Oilgear Company, The. (See Wiedmann, Ernst, assignor.)
Oil Heating Devices, Inc. (See Dolison, D. H., and Kromer, assignors.)
Oil Well Supply Company. (See Adams, James W., assignor.)
Oil Well Supply Company. (See Greve, Edgar E., assignor.)
Oil Well Supply Company. (See Maier, August R., assignor.)
Oil Well Supply Company. (See Ravanelli, Bennett H., assignor.)
Oil Well Supply Company. (See Shimer, John M., assignor.)
Oil Well Survey Instrument Company. (See Hoard, James R., assignor.)
Oishei, John R., assignor to Trico Products Corporation, Buffalo, N. Y. Windshield wiper arm. 2,153,522; Apr. 4.
Okadee Company, The. (See Ploen, Curtis W., assignor.)
O'Kane, Walter C., et al., trustees. (See Adams, J. F., and Nikitin, assignors.)
O'Kane, Walter C., et al, trustees. (See Nikitin, A. A., and Adams, assignors.)
O'Kane, Walter C., Durham, N. H., assignor to Spray Base Corporation, Jersey City, N. J. Insecticide. 2,172,689; Sept. 12.

O'Kane, Walter C., Durham, N. H., assignor to Spray Base Corporation, Jersey City, N. J. Insecticide. 2,172,690; Sept. 12.
O'Keefe, Francis C., Grand Island, Nebr. Combination collar clasp and shirt brace. 2,184,055; Dec. 19.
Okey, Perry, Columbus, Ohio, assignor to The University of Tennessee Research Corporation, Knoxville, Tenn. Differential vapor pressure apparatus. 2,143,795; Jan. 10.
Okey, Perry, assignor of one-half to E. R. Andrix, Columbus, Ohio. Refrigerating system. 2,163,054; June 20.
Okie, Francis G., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Composite sheet material. 2,169,277; Aug. 15.
Oklahoma Paper Co. (See Harpman, Sigmund A., assignor.)
Oklahoma Paper Company. (See Hartman, Glen E., assignor.)
Okonite-Callender Cable Company, The. (See Bennett, Charles E., assignor.)
Okonite-Callender Cable Company. (See McParlin, Daniel V., assignor.)
Okonite-Callender Cable Company, The. (See Gooding, F. H., and Everest, assignors.)
Okonite Company, The. (See Jolliffe, John J., assignor.)
Okopa Carbon Paper Eliminator Limited. (See O'Halloran, Joseph P., assignor.)
Okuda, Isamu, Seattle, Wash. Railroad lifting jack. 2,157,214; May 9.
Okun, Edward, New York, N. Y. Folding umbrella. 2,177,458; Oct. 24.
Okun, Nathaniel N., Bronx, N. Y., assignor to Swank Products, Inc. Extension key chain. 2,159,223; May 23.
Olander, Leonard G., assignor to The Monomelt Company, Incorporated, Minneapolis, Minn. Dross sifter. 2,151,986; Mar. 28.
Olander, Leonard G., assignor to The Monomelt Company, Incorporated, Minneapolis, Minn. Plate finishing machine. 2,158,249; May 16.
Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Hand brake. 2,142,256; Jan. 3.
Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Quick take-up mechanism. 2,143,164; Jan. 10.
Olander, Roland J., assignor to W. H. Miner, Inc., Chicago, Ill. Hand brake. 2,160,279; May 30.
Olch, Jacob B., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Fabricated multicell shuttle box. 2,184,056; Dec. 19.
Olcott, Charles A., Montclair, N. J. Automatic control of centrifugal devices. 2,148,320; Feb. 21.
Olcott, Charles A., Montclair, N. J. Purging and washing solids in a centrifugal. 2,152,562; Mar. 28.
Olcott, Charles A., West Milford, N. J. Process and apparatus for the treatment of sugar-bearing materials. 2,178,805; Nov. 7.
Olcsvary, Louis, McClelland Town, Pa. Car coupling. 2,171,343; Aug. 29.
Oldberg Mfg. Co. (See Visser, G. A., Deremer, and Sprott, assignors.)
Old Colony Envelope Company. (See Davidson, P. B., and Adams, assignors.)
Old Colony Furniture Co. (See Rudman, E. G., and Ranney.)
Old Dominion Box Company. (See Becker, Walter A., assignor.)
Old Dominion Railway Corporation. (See Holland, Nathaniel G., assignor.)
Older, Clifford, Wilmette, Ill. Expansion joint for concrete pavements or the like. 2,166,219; July 18.
Older, Clifford, Wilmette, Ill. Concrete road joint. 2,166,220; July 18.
Older, Clifford, Wilmette, Ill. Concrete expansion and contraction joint. 2,167,904; Aug. 1.
Oldershaw, Charles F., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Manufacture of ethers from olefins. 2,178,186; Oct. 31.
Oldetyme Distillers, Inc. (See Edwards, Edward P., assignor.)
Oldfield, Rene, Norristown, Pa. Hosiery stretcher. 2,156,349; May 2.
Oldham, Albert H., Pittsburgh, Pa., assignor to M. E. Van Orden, Ithaca, N. Y. Container. 2,148,637; Feb. 28.
Oldham, Earl, Bakersfield, Calif. Oil flow pump. 2,178,309; Oct. 31.
Oldham, John M. (See Young, L. A., and Oldham.)
Oldham, John M., Pleasant Ridge, assignor to L. A. Young, Detroit, Mich. Coach lock. 2,142,456; Jan. 3.
Oldham, John M., Pleasant Ridge, assignor to L. A. Young, Detroit, Mich. Clinch-on nut. 2,146,128; Feb. 7.
Oldham, John M., assignor to L. A. Young, Detroit, Mich. Molding machine. 2,162,563; June 13.
Oldham, John M., Pleasant Ridge, assignor to L. A. Young, Detroit, Mich. Valve spring retainer. 2,171,668; Sept. 5.
Oldham, Joseph F., Monticello, Ky. Engine. 2,147,797; Feb. 21.
Oldham, Samuel R., Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Blowpipe. 2,147,171; Feb. 14.
Olds, Ambrose D., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Safety device for heaters. 2,168,749; Aug. 8.
O'Leary, Theodor A., New York, assignor of one-third to W. Foster and one-third to H. Wunderlich, Brooklyn, N. Y. Screw and making same. 2,182,092; Dec. 5.
O'Leary, William J., Dayton, Ohio. Heat engine. 2,176,272; Oct. 17.
Oles Envelope Corporation. (See Oberender, John L., assignor.)
Olesy, John H., Detroit, Mich. Food baster. 2,142,800; Jan. 3.
Olier, André, assignor to Societe Anonyme des Etablissements A. Olier, Clermont-Ferrand, France. Extraction column. 2,150,608; Mar. 14.
Olin, John F. (See Clark, L. H., and Olin, and Deibel.)
Olin, John F., Grosse Ile, Mich., assignor to The Sharples Solvents Corporation. Treatment of organic compounds. 2,183,405; Dec. 12.
Olin, Robert R. (See Reichard, W. E., and Olin.)
Olinekow, Nathan, et al. (See Hoyt, Cornelius F., assignor.)
Oliner, Saul, Brooklyn, N. Y. Hair net. 2,175,849; Oct. 10.
Olive, Harry L., Seattle, Wash. Grease gun. 2,142,081; Jan. 3.
Oliver, Albert V., Coventry, England. Friction clutch. 2,160,752; May 30.
Oliver, Edd C., Adrian, Mich. Type bed and holder. 2,164,162; June 27.
Oliver, Guy C., Glendale, Calif. Sand line core barrel. 2,167,991; Aug. 1.
Oliver, Herbert F., West Springfield, assignor to F. W. Sickles Company, Springfield, Mass. Coil mounting. 2,158,969; May 16.
Oliver, Hogan. (See Bale, George W., assignor.)
Oliver, Lee, New York, N. Y., assignor to The Connecticut Web and Buckle Company, Bridgeport, Conn. Garment holding clip. 2,160,897; June 6.
Oliver, Lee, New York, N. Y., assignor to The Connecticut Web and Buckle Company, Bridgeport, Conn. Garment holding clip. 2,182,853; Dec. 12.
Oliver Machinery Company. (See Tuthill, H. B., and Caldwell, assignors.)
Oliver, Stephen A., Culver City, Calif. Vehicle engine mount. 2,165,297; July 11.
Oliver, Thomas C., Jackson Heights, Long Island, assignor to Chemical Construction Corporation, New York, N. Y. Recovery of sulphur from petroleum. 2,153,337; Apr. 4.
Oliver, Thurman B., Athens, Ga. Motorized fountain-type tooth brush. 2,150,842; Mar. 14.
Oliver United Filter Incorporated. (See Bowman, Clarence B., assignor.)
Oliver United Filters Incorporated. (See Genter, Theodore L., assignor.)
Oliver United Filters Incorporated. (See Morrissey, M. A., and Moore, assignors.)
Oliver United Filters Incorporated. (See Oliver, William H., assignor.)
Oliver, Wallace F., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure braking system. 2,162,114; June 13.
Oliver, William, assignor to Turbulayr Products Limited, Edinburgh, Scotland. Bath. 2,174,445; Sept. 26.
Oliver, William H., Oakland, assignor to Oliver United Filters Incorporated, San Francisco, Calif. Filter. 2,167,159; July 25.
Oliveros, Reginald P., and L. L. Newman, Brooklyn, assignors to Semet-Solvay Engineering Corporation, New York, N. Y. Making carbureted water gas. 2,142,676. Jan. 3.
Olivetti, Ing. C. (See Levi, Riccardo, assignor.)
Olivier, Paul E., New Orleans, assignor to Great Southern Box Company, Inc., Southport, La. Folding display carton. 2,180,691; Nov 21.
Olken, Hyman, Cambridge, Mass. Game. 2,167,847; Aug. 1.
Olley, Maurice, assignor to General Motors Corporation, Detroit, Mich. Harmonic balancer for vehicle road wheels. 2,149,863; Mar. 7.
Olley, Raymond H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Explosionproof switch housing. 2,154,821; Apr. 18.
Olley, Raymond H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Enclosed housing for electrical switches. 2,156,572; May 2.
Olley, Raymond H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Explosionproof switch panel. 2,158,477; May 16.
Ollinger, William, Long Island, N. Y. Hat dusting appliance. 2,158,143; May 16.
Olmstead, Wilbur E., assignor to W. E. Hatheway, Bridgeport, Conn. Garment clasp. 2,163,623; June 27.
Olsen, Anders C., Gwynedd, Pa. Building construction. 2,152,418; Mar. 28.
Olsen, Andrew, Jr. (See Robinson, Reed W., assignor.)
Olsen, Andrew, Jr. (See Robinson, R. W., and Olsen.)
Olsen, Anton M. (See Engbrecht, G. C., and Olsen, Arthur J. and A. M.)
Olsen, Arnt E. (See Aamot, S., and Olsen.)
Olsen, Arthur J. (See Engbrecht, G. C., and Olsen, Arthur J. and A. M.)
Olsen, Arthur J., Chicago, Ill. Phonograph needle. 2,173,763; Sept. 19.

Olsen, Carl A., assignor to Excel Taping Machine Co., Lynn, Mass. Measuring and pressing machine. 2,148,912; Feb. 28.
Olsen, Clair A. (See Sybenga, Richard, assignor.)
Olson, Clarence T., Chicago, Ill. Take-up device for anti-friction bearings. 2,173,561; Sept. 19.
Olsen, Fredrich, East Alton, Ill., assignor to The Cellulose Research Corporation. Producing cellulose pulp. 2,169,473; Aug. 15.
Olsen, Fredrich, G. C. Tibbitts, and E. B. W. Kerone, Alton, assignors to Western Cartridge Company, East Alton, Ill. Manufacture of smokeless powder. 2,175,212; Oct. 10.
Olsen, Gustav A. (See Albertson, F. O., and Olsen.)
Olsen, Harold L., Cincinnati, Ohio. Receptacle and carrier therefor. 2,177,993; Oct. 31.
Olsen, John, Modesto, Calif. Menu holder. 2,177,187; Oct. 24.
Olsen, John C., assignor to Flexible Steel Lacing Company, Chicago, Ill. Flexible belt fastener. 2,145,455; Jan. 31.
Olsen, John C., assignor to Flexible Steel Lacing Company, Chicago, Ill. Belt lacing setting device. 2,162,787; June 20.
Olsen, John C., assignor to Flexible Steel Lacing Company, Chicago, Ill. Belt fastener. 2,170,973; Aug. 29.
Olsen, John C., assignor to Flexible Steel Lacing Company, Chicago, Ill . Belt fastener. 2,182,232; Dec. 5.
Olsen, Kolbjörn, Brooklyn, N. Y. Clothesline cleaner and pulley. 2,177,115; Oct. 24.
Olsen, Lester S., assignor to The Olsen Publishing Company, Milwaukee, Wis. Bottle display collar. 2,184,846; Dec. 26.
Olsen, Ole, Seattle, Wash. Balancing sticks. 2,167,992; Aug. 1.
Olsen, Ole A., Gentofte, Denmark. Steering mechanism for automobiles and correspondingly steered vehicles. 2,182,596; Dec. 5.
Olsen, Oscar, et al. (See Crawford, Walter C., assignor.)
Olsen Publishing Company, The. (See Olsen, Lester S., assignor.)
Olsen, Rangwald S. (See Anderson, G., and Olsen.)
Olsen, Svend C. (See Copeland, Charles R., assignor.)
Olsen, Tinius, Testing Machine Company. (See Lewis, Robert B., assignor.)
Olsen, Tinius, Testing Machine Company. (See Lundgren, Jacob, assignor.)
Olsen, Tinius, Testing Machine Company. (See Ohlson, Bengt E., assignor.)
Olsen, Tinius, Testing Machine Company. (See Sanner, John P., assignor.)
Olsen, Tinius, Testing Machine Company. (See Sivertsen, Jens, assignor.)
Olsen, W. T. (See Ledbetter, Willie W., assignor.)
Olshevsky, Dimitry E., East Orange, N. J. X-ray tube. 2,168,780; Aug. 8.
Olshevsky, Dimitry E., assignor to Eclipse Aviation Corporation, East Orange, N. J. Gas analysis apparatus. 2,154,862; Apr. 18.
Olshevsky, Dimitry E., East Orange, N. J., assignor to Bendix Aviation Corporation, South Bend, Ind. Pressure regulating device for aircraft instruments. 2,168,536; Aug. 8.
Olson, Albert J., Niles, Ill. Agricultural implement. 2,159,448; May 23.
Olson, Alex H. (See Droll, J. W., and Olson.)
Olson, Arvid J., and G. A. Bratvold, Simmie, Saskatchewan, Canada. Filler spout. 2,149,227; Feb. 28.
Olson, Axel, Parshall, N. Dak. Wire fence. 2,152,816; Apr. 4.
Olsen, Axel, Brooklyn, N. Y. Combination sofa, table, and chair. 2,163,349; June 20.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Self-gripping device. 2,142,819; Jan. 3.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Self-gripping device. 2,142,820; Jan. 3.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Fastening device. 2,147,209; Feb. 14.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Locking device. 2,147,210; Feb. 14.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Fastening device. 2,147,211; Feb. 14.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Lock nut. 2,149,359; Mar. 7.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Fastener unit. 2,150,126; Mar. 7.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Fastener. 2,156,350; May 2.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Lock washer. 2,158,378; May 16.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Tapping screw. 2,160,706; May 30.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Tapping screw and forming same. 2,165,149; July 4.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Electrical connector. 2,175,759; Oct. 10.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Gear grinding machine. 2,176,924; Oct. 24.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Screw. 2,182,568; Dec. 5.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Rolling screw threads. 2,183,688; Dec. 19.
Olson, Carl G., assignor to Illinois Tool Works, Chicago, Ill. Thread forming mechanism. 2,183,689; Dec. 19.
Olson, Carl V., Aurora, Ill. End-wrench set. 2,142,589; Jan. 3.
Olson, Charles A., Geneva, assignor to Crane Co., Chicago, Ill. Valve. 2,174,861; Oct. 3.
Olson, Edgar T., Marquette, Mich., and R. Katzen, assignors to Northwood Chemical Company, Phelps, Wis. Distilling tar. 2,156,158; Apr. 25.
Olson, Edgar T., Marquette, Mich., R. Katzen, and R. H. Plow, assignors to Northwood Chemical Company, Phelps, Wis. Making lignin. 2,156,159; Apr. 25.
Olson, Edgar T., Marquette, Mich., and R. H. Plow, assignors to Northwood Chemical Company, Phelps, Wis. Lignin molding compound. 2,156,160; Apr. 25.
Olson, Eric A., South Bend, Ind. Weed extractor. 2,157,915; May 9.
Olson, Eric P., Brooklyn, assignor to The Diamond Match Company, New York, N. Y. Match booking machine. 2,167,932; Aug. 1.
Olsson, Gosta E., Bridgeport, Conn., assignor to General Electric Company. Support for washing machines and the like. 2,175,028; Oct. 3.
Olson, Gustaf H., C. F. Schoelm, and H. F. Allen, assignors to Link-Belt Company, Chicago, Ill. Brake operating mechanism. 2,168,654; Aug. 8.
Olson, Harry F., Audubon, N. J., assignor to Radio Corporation of America. Sound reproducing apparatus. 2,174,163; Sept. 26.
Olson, Holly M., assignor to Sealed Power Corporation, Muskegon, Mich. Treating pistons. 2,149,787; Mar. 7.
Olson, Holly M., assignor to Sealed Power Corporation, Muskegon, Mich. Apparatus for treating pistons. 2,184,680; Dec. 26.
Olson, John, and H. E. Dahlstrom, Minneapolis, Minn. Liquid dispenser. 2,165,570; July 11.
Olson, John B., assignor to James Mfg. Co., Fort Atkinson, Wis. Ironclad door. 2,153,204; Apr. 4.
Olson, John B., assignor to James Mfg. Co., Fort Atkinson, Wis. Fuel-oil control valve. 2,154,108; Apr. 11.
Olson, John E., and L. A. Amtsberg, Cleveland, Ohio, assignors to Chicago Pneumatic Tool Company, New York, N. Y. Nut runner. 2,160,622; May 30.
Olson, John W., Hastings-on-Hudson, assignor to Anaconda Wire and Cable Company, New York, N. Y. Apparatus for marking strands. 2,168,431; Aug. 8.
Olson, Oscar, Dearborn, assignor to General Motors Corporation, Detroit, Mich. Trimming assembly for automotive vehicle bodies. 2,146,438; Feb. 7.
Olson, Oscar E., Minneapolis, Minn. Hand cultivator and weeder. 2,148,772; Feb. 28.
Olson, Oscar H., Julesburg, Colo. Weeding machine. 2,164,254; June 27.
Olson, Oscar R. (See Ritts, A. V., and Olson.)
Olson, Oscar R. (See Wiegand, E., and Olson.)
Olson, Oscar R., Ross Township, Allegheny County, and A. V. Ritts, Allison Park, assignor of one-half to Thermal Products Corporation, and one-half to Pennsylvania Industrial Engineers, Inc., Pittsburgh, Pa. Furnace conveyer and treatment. 2,142,824; Jan. 3.
Olson, Phillip W., assignor to Automatic Instrument Company, Grand Rapids, Mich. Lock. 2,155,440; Apr. 25.
Olson, Phillip W., assignor to Automatic Instrument Company, Grand Rapids, Mich. Lock tumbler. 2,155,734; Apr. 25.
Olson, Phillip W., Grand Rapids, Mich., assignor to Automatic Instrument Company. Lock key. 2,157,142; May 9.
Olson, Phillip W., Grand Rapids, Mich., assignor to Automatic Instrument Company. Key cutting machine. 2,158,761; May 16.
Olson, Phillip W., Grand Rapids, Mich., assignor to Automatic Instrument Company. Clothes hanger. 2,168,361; Aug. 8.
Olson, Robert V., Attleboro, Mass., assignor to Mossberg Pressed Steel Corporation. Slub catcher. 2,172,566; Sept. 12.
Olson, Samuel, Oak Park, Ill. Dishwasher. 2,143,165; Jan. 10.
Olson, Stanley, Chicago, Ill. Locking mechanism for accordions. 2,153,477; Apr. 4.
Olson, Waldemar N. (See Swanson, J. M., Huber, and Olson.)
Olson, Waldemar N., Brookfield, assignor to Reynolds Electric Company, Chicago, Ill. Emulsifier. 2,144,994; Jan. 24.
Olson, Waldemar N., Brookfield, assignor to Reynolds Electric Company, Chicago, Ill. Sign flashing device. 2,163,055; June 20.
Olsson, Bengt, New York, N. Y., assignor to W. H. Swenarton, Monclair, N. J. Oil pumping apparatus. 2,173,562; Sept. 19.
Olsson, Lorentz K. (See Weiertz, P. A. R., and Olsson.)
Olstad, Martin H. (See Bulkeley, C. A., and Olstad.)
Oltman, Ray C., Pasadena, Calif., assignor to The Edward Katzinger Company, Chicago, Ill. Hearth bread pan. 2,150,864; Mar. 14.
Olvitt, Harry C., assignor to York Oil Burner Company, Inc., York, Pa. Air control for fluid fuel burners. 2,162,857; June 20.
Olympia Büromaschinenwerke Aktiengesellschaft. (See Tobias, Werner, assignor.)
Ombrello, Michael, New York, N. Y. Game device. 2,151,141; Mar. 21.
Ombrello, Michael, Bronx, N. Y. Fountain brush. 2,152,272; Mar. 28.

Ombrello, Michael, New York, N. Y. Fountain brush. 2,154,990; Apr. 18.
O'Mealia, Harry F., Jersey City, N. J. Shirt cuff. 2,162,536; June 13.
O'Meara, Allan K., New York, N. Y. Reading stand. 2,156,225; Apr. 25.
Ommundson, Harry, Schenectady, N. Y., assignor to General Electric Company. Shaft seal. 2,153,674; Apr. 11.
Ona, Masahisa, Ogikubo, Suginami-ku, Tokyo, Japan. Reproducing cells for oxide film arresters. 2,163,983; June 27.
O'Neal, William. (See Ramsey, J. A., and O'Neal, assignors.)
O'Neill, Edith L. (See O'Neill, Frank E., assignor.)
O'Neill, Felix, and G. L. Robertson, assignors to National Hydrolator Company, Inc., Philadelphia, Pa. Adjustable flush regulator. 2,168,742; Aug. 8.
O'Neill, Flo W., Santa Ana, Calif. Catamenial belt. 2,146,088; Feb. 7.
O'Neill, Frank, assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Glass forming machine. 2,148,494; Feb. 28.
O'Neill, Frank, Miami Beach, Fla., assignor to Hartford-Empire Company, Hartford, Conn. Mold operating mechanism for glassware forming machine. 2,175,064; Oct. 3.
O'Neill, Frank E., Los Angeles, assignor to E. L. O'Neill, Glendale, Calif. Perforating casings. Re. 21,085; May 16.
O'Neill, Frank E., assignor to M. O. Johnston, Glendale, Calif. Well testing device. 2,161,233; June 6.
O'Neill, Frank E., assignor to M. O. Johnston, Glendale, Calif. Self-cleaning anchor. 2,175,540; Oct. 10.
O'Neill, Frank, Jr., New York, and A. F. Pityo, Clifton, assignors to Tamper-Proof Seal Corporation, New York, N. Y. Container cover applying machine. 2,154,350; Apr. 11.
O'Neil, George A., et al. (See Donald, Bruce L., assignor.)
O'Neill, George D., Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Electron discharge device. 2,158,665; May 16.
O'Neill, John A., Florence, Ala. Insulin bottle and syringe holder. 2,174,329; Sept. 26.
O'Neill, John H., Arlington, Va. Microphotographic apparatus. 2,166,419; July 18.
O'Neill, Robert F. (See Brailsford, J. D., and O'Neill.)
Ongaro, Theodore, Columbus, Ohio. Balancing machine. 2,160,314; May 30.
Onifrey, Peter P., Winnipeg, Manitoba, Canada. Cigarette filter. 2,155,798; Apr. 25.
Onions, John H., Leamington Spa, England. Shock absorbent strut for aircraft. 2,146,089; Feb. 7.
Onksen, George W., Jr. (See Falge, R. N., and Onksen.)
Ono, Mitsuo, Mita, Shibaku, Tokyo, Japan, assignor to International Standard Electric Corporation, New York, N. Y. Forming a cuprous oxide rectifier element. 2,151,933; Mar. 28.
Ono, Sonoji, Ohme-Machi, Nishi Tama-gun, Tokyo-fu, Japan. Foldable umbrella frame. 2,157,670; May 9.
Onondaga Pottery Company. (See Schramm, Edward, assignor.)
Onorato, Paul, San Mateo, and E. Weinaug, San Francisco, Calif. Poultry bleeding and steaming machine. 2,152,082; Mar. 28.
Onorato, Paul, San Mateo, and E. Weinaug, San Francisco, Calif. Poultry bleeding and steaming machine. 2,152,083; Mar. 28.
Onsrud Machine Works, Inc. (See Onsrud, Rudolph F., assignor.)
Onsrud, Rudolph F., assignor to Onsrud Machine Works, Inc., Chicago, Ill. Grooving machine. 2,168,234; Aug. 1.
Ontario Manufacturing Company. (See Moon, Charles R., assignor.)
Oosterhout, Johan C. D. (See Rees, H. V., and Oosterhout.)
Oosterhout, Johan C. D., Porth Arthur, Tex., assignor to The Texas Company, New York, N. Y. Motor fuel. 2,155,678; Apr. 25.
Opatowski, Remo S., and P. Adamoli, Milan, Italy. Extraction of alkali hydrates or carbonates and of aluminum hydroxide from the double silicates of alkali and alumina. 2,163,466; June 20.
Open Hearth Combustion Company. (See Naismith, Samuel, assignor.)
Opie, William L., Prestatyn, Wales, assignor to Sierra Leone Development Company Limited, London, England. Ore and like concentrator. 2,184,226; Dec. 19.
Oplinger, Charles E., Chicago, Ill. Collapsible tube dispensing device. 2,148,321; Feb. 21.
Oplinger, Floyd F., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Zinc plating. 2,146,439; Feb. 7.
Oplinger, Floyd F., Niagara Falls, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Bright dip. 2,154,468; Apr. 18.
Oplinger, Floyd F., Niagara Falls, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Bright dip. 2,154,469; Apr. 18.
Oplinger, Kirk A. (See Brace, P. H., Hanna, and Oplinger.)
Oplinger, Kirk A. (See Hanna, C. R., and Oplinger.)
Oplinger, Kirk A. (See Mikina, S. J., Oplinger, Osbon, and Sentipal.)
Opocensky, Willard J., Long Beach, Calif. Subterranean camera. 2,161,380; June 6.
Opolo, Charles, Culver City, Calif. Antivibration suspension and steering gear for vehicles. 2,164,470; July 4.
Oppegaard, Assur G. (See Ancrum, R. W., and Oppegaard.)
Oppenheim, David, Detroit, Mich. Casket construction. 2,167,001; July 25.
Oppenheim, Theodore H., Coldwater, Ohio. Rake and tedder mechanism. 2,158,299; May 16.
Oppenheim, Theodore H., and H. Synck, Coldwater, Ohio, assignors to New Idea, Inc. Combined side delivery rake and tedder. 2,175,088; Oct. 3.
Oppenheimer Casing Co. (See Wollweber, Henry J., assignor.)
Oppenheimer, Josef. (See Planer, Victor, assignor.)
Oppermann, Alfred, assignor to K. Oppermann, Cleveland, Ohio. Photographic album. 2,155,327; Apr. 18.
Oppermann, Katherine. See Oppermann, Alfred, assignor.)
Oppliger, Ernst, Zofingen, assignor to Beweg A.-G., Werkstätte für das Graphische Gewerbe, Bern, Switzerland. Machine for inserting supplements into folded signatures. 2,149,462; Mar. 7.
Opticolor Aktiengesellschaft. (See Petermann, Walter, assignor.)
Opticolor, Incorporated. (See Waide, Merrill, assignor.)
Opyt, John, Chicago, Ill. Auxiliary calked sole for shoes. 2,166,317; July 18.
Orbeck, Einar M., Norristown, assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Controlling device for liquid dispensing apparatus. 2,143,571; Jan. 10.
Orbeck, Einar M., Muskegon, Mich., assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Liquid dispensing apparatus computing registering mechanism. 2,161,765; June 6.
Orbell, Juliana. (See Scheibl, Josef, assignor.)
Orchard Paper Co. (See Sebastian, Edward, assignor.)
Orcutt, Arthur H., assignor to The Gear Grinding Company Limited, Birmingham, England. Metal and other grinding or cutting machine. 2,178,022; Oct. 31.
Ordal, Erling J. (See Bayliss, M., Wilson, and Ordal.)
Ordal, Sigval E., Chicago, Ill. Hairpin opener. 2,168,432; Aug. 8.
Orders, J. B. (See Schumpert, Harry L., assignor.)
Orebaugh, Lowell H., Cleveland, Ohio. Tooth brush. 2,175,278; Oct. 10.
Oree, Lawrence Cecil, and P. J. Williams, Au Sable Forks, N. Y. Multiple-valved tire inflating device. 2,146,978; Feb. 14.
O'Reilly, Francis, San Francisco, Calif., assignor to Transit Mixers, Inc. End closure for mixing drums. 2,157,731; May 9.
O'Reilly, Martin G., assignor to Ford Roofing Products Company, Chicago, Ill. Roofing. 2,150,883; Mar. 14.
Orelup, John W., Summit, N. J. Treating oil. 2,147,713; Feb. 21.
Orelup, John W., Summit, N. J. Negative integrator. 2,172,220; Sept. 5.
Orem, Henry P. (See Lecher, H. Z., Adams, and Orem.)
Orem, Henry P. (See Lecher, H. Z., and Orem.)
Oremus, George E., assignor to Markel Electric Products, Inc., Buffalo, N. Y. Hold-down clip for electric lighting fixtures. 2,163,350; June 20.
Orgitano, Nick, Lebanon, Pa. Shoe finishing machine. 2,167,310; July 25.
Oriola, Alfonso C., Bronx, N. Y., assignor of one-half to N. L. Cicero. Rubber compositions and methods of making the same. 2,143,897; Jan. 17.
Orion Electric Company, The. (See Liner, Joseph I., assignor.)
Orlando, Dominick N., and J. W. Huber, Erie, Pa. Toy archer. 2,185,091; Dec. 26.
Ormond, John J., assignor to Art-O-Graphic Printing Company, Inc., Boston, Mass. Envelope. 2,159,957; May 23.
Ormsby, Donald D., assignor to Clark Equipment Company, Buchanan, Mich. Two-speed rear axle. 2,152,771; Apr. 4.
Ormsby, Donald D., Niles, assignor to Clark Equipment Company, Buchanan, Mich. Drive axle assembly. 2,180,962; Nov. 21.
Ormstead, Jack, Tucson, Ariz. Concrete wall form. 2,157,800; May 9.
Ornauer, Gustave J. (See Johnson, William C., assignor.)
Ornberg, Raymond N., et al. (See Anderson, Chester A., assignor.)
Orndorff, Hue B., and S. J. Parker, Jackson, Miss. Bottle washing mechanism. 2,177,740; Oct. 31.
O'Rourke, Carl J., Danville, Ohio. Bumper for vehicle doors. 2,146,090; Feb. 7.
O'Rourke, Innis, Great Neck, N. Y. Core former for making ducts. 2,143,448; Jan. 10.
O'Rourke, Innis, Great Neck, N. Y. Apparatus for making ducts. 2,143,449; Jan. 10.
O'Rourke, Innis, Great Neck, N. Y. Making ducts. 2,148,873; Feb. 28.
Orr, Albert S., Upper Darby, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Treating lubricants. 2,149,788; Mar. 7.

Orr, Chester A., and E. W. Riemenschneider, assignors to The Union Metal Manufacturing Company, Canton, Ohio. Pile foundation support. 2,168,269; Aug. 1.
Orr, Clair S. (See Strickler, Herbert M., assignor.)
Orr, Claude L. (See Moeller, H. A., and Orr.)
Orr, Francis L., assignor of one-half to A. E. Heichemer, Denver, Colo. System and means for controlling liquid levels in storage batteries. 2,161,776; June 6.
Orr-Felt Blanket Company, The. (See Dawson, Robert L., assignor.)
Orr, Fred B. (See Groak, I. D., and Orr.)
Orr, Harry A., Cleveland, Ohio, assignor to The Victor Development and Patent Company. Pretzel machine. 2,178,431; Oct. 31.
Orr, Howard H., Cleveland, Ohio. Bag. 2,151,523; Mar. 21.
Orr, Howard S., Gary, Ind. Multiple cold reducing strip metals. 2,181,462; Nov. 28.
Orr, John A., Chicago, Ill. Electric cutter and trimmer. Re. 21,274; Nov. 21.
Orr, John A., Chicago, Ill. Grass cutter and hedge trimmer. Re. 21,289; Dec. 5.
Orr, John A., Chicago, Ill. Electric cutter and trimmer. 2,149,463; Mar. 7.
Orr, John A., Chicago, Ill. Ground vase. 2,152,707; Apr. 4.
Orr, John A., Chicago, Ill. Grass cutter and hedge trimmer. 2,153,771; Apr. 11.
Orr, John B, Jr., Edgeworth, Pa. Handling and working metal members. 2,158,043; May 23.
Orr, John B., Jr., Edgeworth, Pa. Making composite metals. 2,160,558; May 30.
Orr, John B., Jr., Sewickley, Pa. Manufacture of composite metal members. 2,160,559; May 30.
Orr, Marce J. (See Nieder, C. P., and Orr.)
Orr, William M., Washington, D. C. Fibrous filtering media. 2,148,708; Feb. 28.
Orre, Bernt V., Stocksund, near Stockholm, Sweden. Teat element for milking machines. 2,159,449; May 23.
Orrell, James E., assignor to Whitin Machine Works, Whitinsville, Mass. Drafting mechanism. 2,143,996; Jan. 17.
Orris, John P., Kansas City, Mo. Piston and connecting rod construction. 2,163,803; June 27.
Orscheln, Albert, Moberly, Mo. Brake mechanism. 2,171,403; Aug. 29.
Orshansky, Elias, Jr., New York, N. Y., assignor, by mesne assignments, to The Acrotorque Company, New Haven, Conn. Transmission. 2,173,855; Sept. 26.
Orshansky, Elias, Jr., New York, N. Y., assignor to The Acrotorque Company, New Haven, Conn. Transmission. 2,173,856; Sept. 26.
Orsini, Camillo, Highland Park, assignor to Nixon Nitration Works, Nixon, N. J. Obtaining luster, color, pattern, and complicated shape effects. 2,149,066; Feb. 28.
Orsini, Camillo, Highland Park, assignor to Nixon Nitration Works, Nixon, N. J. Extrusion apparatus for obtaining luster, color, pattern, and complicated shape effects on articles formed of plastic material. 2,171,095; Aug. 29.
Örström, Gustaf, Alsten, assignor to Aktiebolaget Gerh. Arehns Mekaniska Verkstad, Stockholm, Sweden. Container. 2,170,378; Aug. 22.
Ort, Carl, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Camera with range finder. 2,180,017; Nov. 14.
Ort, Carl, Stuttgart, Germany, assignor to Eastman Kodak Company, Rochester, N. Y. Lens attachment. 2,184,018; Dec. 19.
Ortegren, Herman A., assignor to Bower Roller Bearing Company, Detroit, Mich. Cutting tool and holder. 2,165,571; July 11.
Orth, George W., Philadelphia, and H. P. Orth, Merwood, Pa. Building flashing. 2,182,877; Dec. 12.
Orth, Herbert P. (See Orth, George W. and H. P.)
Orth, William G. (See Wheelbarger, A. S., and Orth.)
Orthner, Ludwig. (See Hubert, F. E., Heisenberg, Steindorff, and Orthner.)
Orthner, Ludwig, and W. Selle, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparing condensation products. 2,143,228; Jan. 10.
Orthondontists Supply Co. Inc., The. (See Spahn, Charles A., assignor.)
Orthuber, Richard, Berlin, and E. Steudel, Berlin-Dahlem, Germany, assignors to Allgemeine Elektricitats-Gesellschaft, Friedrich-Karl-Ufer. Electron discharge device. 2,177,374; Oct. 24.
Orto, Louis D., Paramus, N. J. Cross weaving. 2,177,944; Oct. 31.
Ortt, Nellie F., New York, N. Y. Collapsible pet case. 2,170,379; Aug. 22.
O'Russa, Lorence, Princeville, Ill., assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical connector. 2,164,075; June 27.
Orwig, Don C. (See Fruchey, D. R., and Orwig.)
Osberg, Stone C., Poland, Ohio. Rod trimming device. 2,153,431; Apr. 4.
Osbon, William O. (See Mikina, S. J., Oplinger, Osbon, and Sentipal.)
Osborg, Hans, New York, N. Y., assignor to Maywood Chemical Works, Maywood, N. J. Lead-bismuth-lithium cable sheat. 2,175,279; Oct. 10.
Osborn, Alden E., New York, N. Y. Pipe joint. 2,143,279; Jan. 10.
Osborn, Alden E., New York, N. Y., assignor to Radio Corporation of America. Indicator apparatus. 2,161,310; June 6.
Osborn, Alex F., assignor to McDonald Products Corporation, Buffalo, N. Y. Reading matter holder. 2,178,542; Nov. 7.
Osborn, Henry C. (See Chisholm, Clifton, assignor.)
Osborn, Howard E., Michigan City, Ind. Card receptacle. 2,155,058; Apr. 18.
Osborn Manufacturing Company, The. (See Nielsen, Laurits, assignor.)
Osborn, Paul V., assignor to Carrier Corporation, Syracuse, N. Y. Apparatus for manufacturing finned tubing. 2,178,671; Nov. 7.
Osborn, S. Douglas, and O. Dahl, Spokane, Wash. Filter. 2,149,745; Mar. 7.
Osborn, William C., assignor to The Murray Corporation of America, Detroit, Mich. Trim panel and making same. 2,144,544; Jan. 17.
Osborn, William D., Los Angeles, Calif. Chain-head, descaling auger. 2,175,406; Oct. 10.
Osborn, William D., Los Angeles, Calif. Chained-head auger. 2,181,306; Nov. 28.
Osborne, Bennison, et al. (See Jones, Percy R., assignor.)
Osborne, Bruce, Detroit, Mich., assignor to N. H. Gerlach, as trustee. Towel. 2,155,441; Apr. 25.
Osborne, Elmer L., (Granddaddy), assignor to Eco Motor Works, Inc., Detroit, Mich. Convertible internal combustion liquid fuel motor or engine. 2,159,224; May 23.
Osborne, Harry J., assignor to Illinois Watch Case Company, Elgin, Ill. Spring catch. 2,174,995; Oct. 3.
Osborne, Herbert C., assignor to Webster Electric Company, Racine, Wis. Fuel supply unit for oil burners. 2,145,404; Jan. 31.
Osborne, Herbert C., assignor to Webster Electric Company, Racine, Wis. Fuel supply unit for oil burners. 2,149,864; Mar. 7.
Osborne, Horace A., assignor of two-fifths to Webster Electric Company, Racine, Wis. Machine tool. 2,170,211; Aug. 22.
Osborne, Lester C., Fall River, Mass., assignor to Hoffman Lions Mills Company, Inc. Twine dispenser. 2,175,813; Oct. 10.
Osborne, Wiley W. (See Parry, Robert D., assignor.)
Osbrink, Raymond H., Los Angeles, Calif. Traffic marker. 2,174,637; Oct. 3.
Osburn, Henry G. (See Swortwood, H. T., and Osburn.)
Oscherwitz, Max B., and B. Phillips, Cincinnati, Ohio. Automatic cut-off device. 2,177,784; Oct. 31.
Osgood, Arthur B., Minneapolis, Minn. Dust collector. 2,253,270; April 4.
Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Apparatus for mining. 2,148,495; Feb. 28.
Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Rock drilling mechanism. 2,165,904; July 11.
Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Size-reducing mill. 2,168,092; Aug. 1.
Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Size-reducing mill. 2,168,093; Aug. 1.
Osgood, Charles F., Claremont, N. H., assignor to Sullivan Machinery Company. Cutter chain. 2,183,581; Dec. 19.
Osgood, George H. (See Peterson, Russell G., assignor.)
Osgood, George H., Tacoma, Wash. Making nonchecking plywood with an aqueous glue. 2,150,658; Mar. 14.
Osgood, George H., Tacoma, Wash. Glue base. 2,180,542; Nov. 21.
Osgood, George H., Tacoma, Wash. Casein glue. 2,180,543; Nov. 21.
Osgood, John L., Buffalo, N. Y. Preventing theft of automobiles. 2,164,076; June 27.
Osgood, Walter P., Malden, Mass. Eyelet stay taping machine. 2,154,007; Apr. 11.
Osgood, Walter P., Malden, Mass. Tape applying machine. 2,157,916; May 9.
Osgood, Walter P., Malden, Mass. Top edge treating machine. 2,163,965; June 20.
Osgood, Walter P., Malden, Mass. Shoe upper treating machine. 2,173,563; Sept. 19.
Osgood, Walter P., Malden, Mass. Shaping machine for sole-shaped shoe parts. 2,179,132; Nov. 7.
Osgood, Walter P., Malden, Mass., assignor, by mesne assignments, to United Shoe Machinery Corporation, Paterson, N. J. Shaping machine. 2,176,186; Oct. 17.
Oshei, Charles H., Detroit, Mich. Motor vehicle power transmitting unit. 2,147,777; Feb. 21.
Oshei, William E., Brentford, England. Direction indicator. 2,179,344; Nov. 7.
Oshei, William E., Brentford, England. Vehicle direction indicator. 2,179,345; Nov. 7.
Oshman, Benjamin and J., New York, N. Y. Holder for tooth brushes. 2,145,456; Jan. 31.
Oshman, Benjamin and J., New York, N. Y. Tooth brush retainer. 2,157,862; May 9.
Oshman, Benjamin and J., New York, N. Y. Tooth brush retainer. 2,162,283; June 13.

Oshman, Benjamin and D., New York, N. Y. Combined brush and comb. 2,168,235; Aug. 1.
Oshman, David. (See Oshman, Benjamin and D.)
Oshman, Joseph. (See Oshman, Benjamin and J.)
Oskow, Louis, assignor to Master Machine Mfg. Co., Inc., New York, N. Y. Machine for cutting, folding, and pressing labels. 2,158,144; May 16.
Osman, Ralph T., Milwaukee, Wis. Dump vehicle. 2,173,441; Sept. 19.
Osmer, Leon E., Western Springs, Ill., and W. Tiddy, as signors to Semet-Solvay Engineering Corporation, New York, N. Y. Making high British thermal units carbureted water gas. 2,183,845; Dec. 19.
Osmo Garden Company, The. (See Avery, Henry C., assignor.)
Osmun, Fred N., Houston, Tex. Jar. 2,172,480; Sept. 12.
Osmun, Fred N., Houston, Tex. Jarring tool. 2,172,481; Sept. 12.
Osmun, Fred N., and F. Kinzbach, Houston, assignors to G. W. Bowen, Harris County, Tex. Grapple. 2,184,681; Dec. 26.
Osner, Clarence W., and H. W. Ekholm, assignors to Chicago Railway Equipment Company, Chicago, Ill. Railway brake beam. 2,182,210; Dec. 5.
Ospalewicz, Peter, North Chicago, Ill. Bottle crusher. 2,142,915; Jan. 3.
Ossenbrunner, Armin, and M. Hagedorn, Dessau, Anhalt, and G. Wilmanns, Wolfen, Kreis Bitterfeld, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Manufacture of films. 2,169,537; Aug. 15.
Ossoinack, Andrea, Vienna, Austria. Ferroconcrete reinforcement section. 2,142,758; Jan. 3.
Ost, Evan W., and H. E. Sawyer, assignors to Macwhyte Company, Kenosha, Wis. Thimble. 2,184,466; Dec. 26.
Östberg, Karl G., Stockholm, assignor to Fabriksaktiebolaget Haldataxametern, Halmstad, Sweden. Machine for cutting or shearing metal plates and the like. 2,182,162; Dec. 5.
Ostby and Barton Company. (See Dixon, Alfred E., assignor.)
Ostby and Barton Company. (See Gerth, William H., assignor.)
Osten, Joseph W., Wilmette, Ill. Radiator cover and screen fastener. 2,153,772; Apr. 11.
Ostenberg, Frans A., Salina, Kans. Tractor frame. 2,167,848; Aug. 1.
Ostendorf, William L., Rayland, Ohio. Coupler for lubricant fittings. 2,168,915; Aug. 8.
Oster, John. (See Rasmussen, Charles, assignor.)
Oster, John, assignor to John Oster Manufacturing Company, Racine, Wis. Motor. 2,158,145; May 16.
Oster, John, assignor to John Oster Manufacturing Company, Racine, Wis. Vibrator. 2,181,282; Nov. 28.
Oster, John, assignor to John Oster Manufacturing Company, Racine, Wis. Hair clipper. 2,182,597; Dec. 5.
Oster, John, Manufacturing Company. (See Oster, John, assignor.)
Oster Manufacturing Company, The. (See Reed, K. W., and Maurer, assignors.)
Osterback, Walter, Sand Point, Alaska. Seine needle. 2,144,267; Jan. 17.
Osterberg, Eric. (See Pauly, R., and Osterberg.)
Osterheld, Albert C., assignor to Clark Aco Teapot Company, Cleveland, Ohio. Protector device for spout vessels. 2,173,485; Sept. 19.
Osterhof, Arthur L., Newark, assignor to Hercules Powder Company, Wilmington, Del. Substituted aryl sulphonic acids and making the same. 2,145,369; Jan. 31.
Osterloh, Fritz. (See Frank K., and Osterloh.)
Osterloh, Robert H., C. Pyle, J. E. Voytilla, and R. C. Ficke, Waynesboro, Va., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Scrubbing gases containing low boiling aldehydes. 2,169,369; Aug. 15.
Osterloh, Robert H., Wilmington, Del., and W. L. Scarborough, Waynesboro, Va., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Adsorber apparatus. 2,180,119; Nov. 14.
Ostern, Pawel, Lwow, Poland, assignor to Dr. Georg Henning, Chem. pharm. Werk G. m. b. H., Berlin-Tempelhof, Germany. Enzymatic manufacture of nucleotides. 2,174,475; Sept. 26.
Osterr, Saurer-Werke Aktiengesellschaft. (See Doblhoff, Walther, assignor.)
Osterstrom, Rudolph C. (See Lang, E. H., and Osterstrom.)
Osterstrom, Rudolph C., Kenilworth, assignor to The Pure Oil Company, Chicago, Ill. Oil purifying system. Re. 21,299; Dec. 12.
Osterstrom, Rudolph C., assignor to The Pure Oil Company, Chicago, Ill. Removing gum-forming and color-imparting bodies from cracked unsaturated hydrocarbon oils. 2,180,324; Nov. 14.
Ostler, Ernest S., Park Ridge, Ill., assignor, by mesne assignments, to General Time Instruments Corporation, New York, N. Y. Electromagnetic construction. 2,164,041; June 27.
Ostler, Josef, and K. Zwick, Munich, assignors to F. Deckel, Munchen-Prinz Ludwigshöhe, Bavaria, Germany. Power equalizing device. 2,178,122; Oct. 31.
Ostline, John E., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Switching apparatus. 2,143,572; Jan. 10.
Ostline, John E., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Signaling system. 2,171,669; Sept. 5.
Ostline, John E., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system 2,183,656; Dec. 19.
Ostling, Karl W. S. (See Vanderpoel, A. G. H., and Ostling.)
Ostrander, John K., Philadelphia, Pa. Water heater control system. 2,180,432; Nov. 21.
Ostrin, Norman, Chicago, Ill. Stoker. 2,143,898; Jan. 17.
Ostro Research Laboratories, Inc. (See Hopkinson, R., and Tolstoouhov, assignors.)
Ostrolenk, Samuel. (See Stern, I., Skolnikoff, Pesqueira, and Ostrolenk.)
Ostrom, Bernard S., Cincinnati, Ohio. Dental instrument. 2,183,690; Dec. 19.
Ostrom, Ernest W., Pasadena, assignor to Axelson Manufacturing Co., Los Angeles, Calif. Adjustable rod guide for pumps. 2,180,719; Nov. 21.
Ostruk, Paul, New York, N. Y. Combination lifting jack and wheel locking arrangement for automobiles or like vehicles. 2,170,910; Aug. 29.
Osuch, Francis J., assignor to Robot-Hand Corporation, Detroit, Mich. Washing and drying apparatus. 2,151,354; Mar. 21.
Osuch, Francis J., assignor to Robot-Hand Corporation, Detroit, Mich. Washing and drying apparatus. 2,173,564; Sept. 19.
Oswald, Alfred E., deceased, Hackensack, N. J.; E. D. Oswald, administratrix. Toy typewriter. 2,176,096; Oct. 17.
Oswald, Elizabeth D., administratrix. (See Oswald, Alfred E.)
Oswald, John, Lansing, assignor to General Motors Corporation, Detroit, Mich. Grille construction. 2,165,648; July 11.
Oswald, Marcel, Paris, France, assignor to General Electric Company. Manufacturing hard frittered alloys. 2,160,670; May 30.
Oswald, William J. (See Redfield, Erwin L., assignor.)
Oswego Falls Corporation. (See Lowry, Edward N., assignor.)
Oswego Falls Corporation. (See Madden, Louis J., assignor.)
Oswego Falls Corporation. (See Sidon, Max, assignor.)
Oswego Falls Corporation. (See Wilcox, Isaac L., assignor.)
Osweiler, Paul L. (See Miller, J. E., and Osweiler.)
Otero, Carlos, Mexico City, D. F., Mexico. Surgical mask. 2,149,067; Feb. 28.
Othmer, Donald F., Brooklyn, N. Y., assignor to Tennessee Eastman Corporation, Kingsport, Tenn. Dehydration of acetic acid and other lower fatty acids. 2,157,143; May 9.
Othmer, Donald F., Brooklyn, N. Y., assignor to Tennessee Eastman Corporation, Kingsport, Tenn. Dehydration of lower fatty acids with ketones and ethers. 2,170,834; Aug. 29.
Othmer, Donald F., Brooklyn, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City N. J. Concentrating acetic acid. 2,184,563; Dec. 26.
Otis, Albert N., Schenectady, N. Y., assignor to General Electric Company. Annealing furnace. 2,181,738; Nov. 28.
Otis, Carl W., Chicago, Ill. Display. 2,174,446; Sept. 26.
Otis Elevator Company. (See Bray, John R., assignor.)
Otis Elevator Company. (See Bruns, William H., assignor.)
Otis Elevator Company. (See Dunn, Edward L., assignor.)
Otis Elevator Company. (See Hymans, Frederick, assignor.)
Otis Elevator Company. (See Lewis, J. D., and Krauer, assignors.)
Otis Elevator Company. (See Margles, Samuel G., assignor.)
Otis Elevator Company. (See Norton, C., and Karmel, assignors.)
Otis, Herbert C. (See Luccous, John C., assignor.)
Otis, Herbert C., Dallas, Tex. Well device. 2,144,850; Jan. 24.
Otis, Herbert C., Dallas, Tex. Flowing wells. 2,154,768; Apr. 18.
Otis, Herbert C., Dallas, Tex. Well head. 2,163,178; June 20.
Otis, Herbert C., Dallas, Tex. Drilling head. 2,176,355; Oct. 17.
Otis, Herbert C., Dallas, Tex. Well plug. 2,180,605; Nov. 21.
Otis Steel Company, The. (See McColloch, John M., assignor.)
O'Toole, Charles, Brooklyn, N. Y. Window. 2,183,356; Dec. 12.
O'Toole, Edward, Jr., Kingsport, and K. K. Wilcox, Johnson City, Tenn., assignors to American Coal Cleaning Corporation, Welch, W. Va. Dry coal cleaning apparatus. 2,154,180; Apr. 11.
Ott, Clyde L., Chicago, Ill., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,176,273; Oct. 17.
Ott, Conrad L. (See Gurney, D., and Ott.)
Ott, Conrad L. (See Price, R. E., Balsiger, and Ott.)

Ott, Conrad L., Detroit, Mich., assignor to Landis Tool Company, Waynesboro, Pa. Grinding machine. 2,161,311; June 6.
Ott, Conrad L., assignor to Landis Tool Company, Waynesboro, Pa. Lubricating mechanism. 2,178,642; Nov. 7.
Ott, Emil, assignor to Hercules Powder Company, Wilmington, Del. Food product. 2,152,602; Mar. 28.
Ott, Harvey N., assignor to Spencer Lens Company, Buffalo, N. Y. Microscope. 2,143,632; Jan. 10.
Ott, Harvey N., assignor to Spencer Lens Company, Buffalo, N. Y. Microscope. 2,148,576; Feb. 28.
Ott, Harvey N., assignor to Spencer Lens Company, Buffalo, N. Y. Improving the available resolving power of microscopes. 2,182,499; Dec. 5.
Ott, Harvey N., and G. S. MacDonald, assignors to Spencer Lens Company, Buffalo, N. Y. Attaching microscope objectives. 2,173,657; Sept. 19.
Ott, Thomas F., Berkeley, P. S. Clarke, Richmond, and C. H. Van Marter, Berkeley, assignors to Union Oil Company of California, Los Angeles, Calif. Barium grease. 2,154,383; Apr. 11.
Otten, Benjamin A., Wauwatosa, assignor to Milwaukee Stamping Company, West Allis, Wis. Luggage carrier. 2,166,262; July 18.
Otten, Julius. (See Vastano, F. A., and Otten.)
Ottenheimer Bros., Inc., et al. (See Ottenheimer, Reuben E., assignor.)
Ottenheimer, Emanuel E., et al. (See Ottenheimer, Reuben E., assignor.)
Ottenheimer, Reuben E., assignor of one-half to Ottenheimer Bros., Inc., and one-half to E. E. Ottenheimer, Baltimore, Md. Refrigerating case. Re. 20,966; Jan. 3.
Otterbacher, Theodore J., Zion, Ill., assignor to Corn Products Refining Company, New York, N. Y. Food composition. 2,163,913; June 27.
Otterbacher, Theodore J., Zion City, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Food compound. 2,171,244; Aug. 29.
Otterson, Otto H., Los Angeles, assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Oxygenated cabin. 2,181,199; Nov. 28.
Otting, Herbert E., Westerville, Ohio, assignor to M & R Dietetic Laboratories, Inc. Manufacturing flavoring for alimentary products. 2,169,278; Aug. 15.
Ottinger, Lawrence, assignor to United States Plywood Corporation, New York, N. Y. Producing veneered products. 2,158,907; May 16.
Ottinger, Lawrence, assignor to United States Plywood Corporation, New York, N. Y. Veneered product. 2,158,908; May 16.
Ottinger, Leon, New York, N. Y. Door-handle construction. 2,173,131; Sept. 19.
Otto, Albert T., & Sons, Inc., trustee. (See Grant, Albert E., assignor.)
Otto, Arthur J., assignor to Johnson Service Company, Milwaukee, Wis. Damper. 2,142,616; Jan. 3.
Otto, August, Sandwich, Ill. Corn picker. 2,152,273; Mar. 28.
Otto, Dr. C., & Company et al. (See Pieters, Honore A. J., assignor.)
Otto, Carl, Essen, Germany, assignor to Otto-Wilputte Ovenbouw Mi J. (Otto-Wilputte Construction Company) N. V., The Hague, Netherlands. Chamber oven. 2,158,666; May 16.
Otto, Earl A. (See Owens, W. A., and Otto.)
Otto, Franz, Neu-Finkenkrug, near Berlin, assignor to Steatit-Magnesia Aktiengesellschaft, Berlin, Germany. Variable inductance device. 2,163,448; June 20.
Otto, Louis, assignor to Kaustine Company, Inc., Perry, N. Y. Septic toilet tank. 2,143,248; Jan. 10.
Otto, Michael. (See Mueller-Cunradi, M., Otto, Daniel, and Werner.)
Otto, Michael, and H. G. Schneider, Elizabeth, N. J., said Otto assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany, and said Schneider, assignor to Standard Oil Development Company, Linden, N. J. Producing polymers of isobutylene. 2,172,403; Sept. 12.
Otto, Walter, New York, N. Y. Advertising display. 2,152,495; Mar. 28.
Otto, William C., assignor to J. I. Holcomb Manufacturing Company, Indianapolis, Ind. Floor brush. 2,177,149; Oct. 24.
Otto-Wilputte Ovenbouw Maatschappij N. V. (See Beimann, Wilhelm, assignor.)
Otto-Wilputte Ovenbouw Mi J. (Otto-Wilputte Construction Company), N. V. (See Otto, Carl, assignor.)
Otto-Wilputte Ovenbouw Mij. (Otto-Wilputte Oven Construction Co.) N. V. (See Philipsen, Nikolaus M., assignor.)
Ottofy, Ladis H., Chicago, Ill. Phonograph device. 2,164,663; July 4.
Ouellette, Charles R., Seattle, Wash. Adjustable measuring cup. 2,163,364; June 20.
Ouellette, Ernest E., Manchester, N. H. Last. 2,156,817; May 2.
Oulevay, Abram. (See Conzetti, A., and Oulevay.)
Outboard, Marine & Manufacturing Company. (See Ames, A. D., and Furry, assignors.)
Outboard Marine & Manufacturing Company. (See Conover, Warren M., assignor.)
Outboard, Marine & Manufacturing Company. (See Furry, John F., assignor.)
Outboard, Marine & Manufacturing Company. (See Irgens, Finn T., assignor.)
Outcalt, Frederick G. (See Baird, A. W., and Outcalt.)
Overbeck, Wilcox P., Watertown, Mass., assignor, by mesne assignments, to Raytheon Manufacturing Company. Vacuum tube cycle counter. 2,147,918; Feb. 21.
Overbeke, John W., Anneslie, assignor to The Glenn L. Martin Company, Baltimore, Md. Disk type valve. 2,166,875; July 18.
Overcash, Whitson M., Springfield, Tenn. Dry line marker. 2,150,609; Mar. 14.
Overhead Door Corporation. (See Blodgett, Herbert C., assignor.)
Overhead Loader Corporation. (See Andersen, Thomas K. and T., assignors.)
Overholt, J. D. (See Browne, Floyd A., assignor.)
Overland, Leo D., Brooklyn, assignor to H. Duke, Long Island City, N. Y. Apparatus for making composite frozen confections. 2,145,696; Jan. 31.
Overly, Walter S., Lima, Ohio. Foot-controlled directional light switch. 2,169,161; Aug. 8.
Overman, Ivan J., assignor of one-half to R. McClane, Marion, Ind. Aggregate processing apparatus. 2,146,405; Feb. 7.
Overman, Marion M. (See Barr, J. L., and Overman.)
Overmier, Emmons. (See Bates, S. E., and Overmier.)
Overmier, Emmons, La Grange, and T. E. Rodman, Glencoe, assignors, by mesne assignments, to Poor & Company, Chicago, Ill. Rail and wheel flange lubricator. 2,163,288; June 20.
Overmier, Emmons, La Grange, T. E. Rodman, Glencoe, Ill., and D. M. Clarke, North Tarrytown, N. Y., assignors, by mesne assignments, to Poor & Company, Chicago, Ill. Rail and wheel flange lubricator. 2,168,577; Aug. 8.
Overmyer, George J., Tulsa, Okla. Vacuumizing device for containers. 2,157,624; May 9.
Overshiner, Ellsworth B., Chicago, Ill., assignor, by mesne assignments, to Shellmar Products Company, Mount Vernon, Ohio. Perfume fixative. 2,169,055; Aug. 8.
Overstrom, Gustave A., Big Sur, Calif. Balanced vibrating screen structure. 2,150,242; Mar. 14.
Overstrom, Gustave A., Big Sur, Calif. Screen apparatus. 2,157,562; May 9.
Ovington, Edward J., Newton Highlands, Mass. Seamed articles and making it. 2,170,693; Aug. 22.
Ovtschinnikoff, Alexandre, Issy-les-Moulineaux, France. Automatic bomb releasing device. 2,161,081; June 6.
Ovtschinnikoff, Alexandre, Issy-les-Moulineaux, France. Bomb suspension. 2,161,082; June 6.
Ow, Joseph W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control apparatus. 2,157,863; May 9.
Owen, Allen F., assignor to Latex Fiber Industries, Inc., Beaver Falls, N. Y. Laminated fiber-rubber sheet material and articles made therefrom. 2,161,083; June 6.
Owen, David T., Jr. (See Owen, David T., assignor.)
Owen, David T., assignor to D. T. Owen, Jr., Cleveland, Ohio. Upholstery furniture. 2,146,510; Feb. 7.
Owen, Frank M., Oklahoma City, Okla. Pipe coupling. 2,157,008; May 2.
Owen, Frederick E., assignor to The Electrical Refractories Company, East Palestine, Ohio. Electrical heating unit. 2,182,319; Dec. 5.
Owen, Harry, Roosevelt, Utah. Auxiliary braking device for vehicles. 2,164,834; July 4.
Owen, James E., Asheville, N. C. Trailer construction. 2,159,671; May 23.
Owen, John D., Stoughton, Mass. Apparatus for remodeling lasts. 2,182,447; Dec. 5.
Owen, John E., Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y. Seismic surveying. 2,184,313; Dec. 26.
Owen, John H., Folsom City, Calif. Braking device. 2,149,624; Mar. 7.
Owen, John J. (See Beller, H., and Owen.)
Owén, Jonas L., Edsbyn, Sweden. Rake. 2,156,480; May 2.
Owen, John J. (See Fasce, E. V., and Owen.)
Owen, Raymond M., New York, N. Y. Adjustable folding table. 2,150,397; Mar. 14.
Owen, Samuel A., and E. P. Watt, Albuquerque, N. Mex. Gear transmission. 2,153,478; Apr. 4.
Owen, Turner A. (See Medley, R. S., and Owen.)
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Plate glass surfacing table. 2,156,699; May 2.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass cutting apparatus. 2,156,864; May 2.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass rack. 2,159,672; May 23.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Store front construction. 2,159,673; May 23.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Glass handling apparatus. 2,164,077; June 27.
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Window construction. 2,167,772; Aug. 1.

Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Apparatus for manipulating glass plates. 2,169,739; Aug. 15
Owen, William, Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Double glazed window. 2,177,001; Oct. 24.
Owen, William L., Baton Rouge, La. Fermenting molasses and like mashes. 2,164,255; June 27.
Owendoff, Harold M., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Amplifier. 2,162,744; June 20.
Owens, Charles, Chattanooga, Tenn. Orthopedic foot manipulator. 2,148,322; Feb. 21.
Owens-Corning Fiberglas Corporation. (See Ceretti, Aldo, assignor.)
Owens-Corning Fiberglas Corporation. (See Collins, Howard W., assignor.)
Owens-Corning Fiberglas Corporation. (See Irvine, Jan S., assignor.)
Owens-Corning Fiberglas Corporation. (See Johnson, Cecil F., assignor.)
Owens-Corning Fiberglas Corporation. (See Kirkendall, Stanley L., assignor.)
Owens-Corning Fiberglas Corporation. (See Lannan, George M., assignor.)
Owens-Corning Fiberglas Corporation. (See Park, John K., assignor.)
Owens-Corning Fiberglas Corporation. (See Plummer, Jesse H., assignor.)
Owens-Corning Fiberglas Corporation. (See Saborsky, Arthur D., assignor.)
Owens-Corning Fiberglas Corporation. (See Shand, Errol B., assignor.)
Owens-Corning Fiberglas Corporation. (See Simison, Allen L., assignor.)
Owens-Corning Fiberglas Corporation. (See Simpson, Donald C., assignor.)
Owens-Corning Fiberglas Corporation. (See Simpson, D. C., and Collins, assignors.)
Owens-Corning Fiberglas Corporation. (See Slayter, Games, assignor.)
Owens-Corning Fiberglas Corporation. (See Slayter, G., and Thomas, assignors.)
Owens-Corning Fiberglas Corporation. (See Thomas, John H., assignor.)
Owens-Corning Fiberglas Corporation. (See Thomas, J. H., and Fletcher, assignors.)
Owens-Corning Fiberglas Corporation. (See Walker, John E., assignor.)
Owens, George W., Tyrone, Pa., assignor to West Virginia Pulp & Paper Company, New York, N. Y. Roll finishing device. 2,144,686; Jan. 24.
Owens, Harvey M., Leominster, Mass. Display card. 2,166,766; July 18.
Owens, Henry, & Company. (See Scholz, Rudolph C., assignor.)
Owens, Horace K., Sarasota, Fla., assignor of one-third to Essanbee Holding Company. Securing means for license plates. 2,178,727; Nov. 7.
Owens, Howard V., assignor to The Celon Company, Madison, Wis. Container closure and making same. 2,183,691; Dec. 19.
Owens-Illinois Can Company. (See Creesy, G. B., and Prahl, assignors.)
Owens-Illinois Can Company. (See Elser, William, assignor.)
Owens-Illinois Can Company. (See Laxo, Ed, assignor.)
Owens-Illinois Glass Company. (See Atkinson, F. W., Kleist, Slayter, Thomas, and Lannan, assignors.)
Owens-Illinois Glass Company. (See Bauer, John E., assignor.)
Owens-Illinois Glass Company. (See Burch, Oscar G., assignor.)
Owens-Illinois Glass Company. (See Carvalho, Leslie R N., assignor.)
Owens-Illinois Glass Company. (See Carvalho, L. R. N., and Schmidt, assignors.)
Owens-Illinois Glass Company. (See Eastus, Harold L., assignor.)
Owens-Illinois Glass Company. (See Galpin, G. G., and Schmidt, assignors.)
Owens-Illinois Glass Company. (See Hawk, Charles E., assignor.)
Owens-Illinois Glass Company. (See Hayne, Clarence A., assignor.)
Owens-Illinois Glass Company. (See Hazelton, Benjamin F., Jr., assignor.)
Owens-Illinois Glass Company. (See Hoge, John R., assignor.)
Owens-Illinois Glass Company. (See Hoge, J. R., Soubier, and Mankin, assignors.)
Owens-Illinois Glass Company. (See Hohl, J., and Whittier, assignors.)
Owens-Illinois Glass Company. (See Holmes, M. K., and Jones, assignors.)
Owens-Illinois Glass Company. (See Labino, Dominick, assignor.)
Owens-Illinois Glass Company. (See Lakso, Eino E., assignor.)
Owens-Illinois Glass Company. (See Mankin, L. O., and Soubier, assignors.)
Owens-Illinois Glass Company. (See O'Neill, Frank, assignor.)
Owens-Illinois Glass Company. (See Schmidt, Charles F., assignor.)
Owens-Illinois Glass Company. (See Slayter, Games, assignor.)
Owens-Illinois Glass Company. (See Soubier, Leonard D., assignor.)
Owens-Illinois Glass Company. (See Thomas, John H., assignor.)
Owens-Illinois Glass Company. (See Vogt, Clarence W., assignor.)
Owens-Illinois Glass Company. (See Vogt, C. W., and Lakso, assignors.)
Owens-Illinois Glass Company. (See Wellnitz, Bernard, assignor.)
Owens-Illinois Glass Company. (See Whisner, Harry L., assignor.)
Owens-Illinois Glass Company. (See Zimmerman, W. P., and Holmes, assignors.)
Owens-Illinois Pacific Coast Company. (See Luce, W. F., and Kennedy, assignors.)
Owens, James S. (See Goos, A. W., and Owens.)
Owens, Jesse C., Los Angeles, Calif. Carpet stretcher 2,184,019; Dec. 19.
Owens, John A., Des Moines, Iowa. Mechanism for accurately mixing dry ingredients. 2,164,542; July 4.
Owens, Joseph W., Schenectady, N. Y., assignors to General Electric Company. Electric switch. 2,152,496; Mar. 28.
Owens, Robert H., assignor to Roots-Connersville Blower Corporation, Connersville, Ind. Sealing device. 2,156,161; Apr. 25.
Owens, Wilton A., Pittsburgh, and E. A. Otto, New Kensington, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Machine for continuously forming curved wire forms. 2,153,936; Apr. 11.
Owler, Thomas D., assignor to Coach & Car Equipment Company, Chicago, Ill. Reclining chair. 2,182,598; Dec. 5.
Owsley, William D. (See McClendon, W. R., and Owsley.)
Owsley, William D., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Cement mixer. 2,147,053; Feb. 14.
Owsley, William D., Duncan, Okla., and C. F. Seeber, Hutchinson, Kans., assignors to Halliburton Oil Well Cementing Company, Duncan, Okla. Treating a well. 2,163,449; June 20.
Oxford Filing Supply Co. (See Jonas, Frank D., assignor.)
Oxford Paper Company. (See Hovey, Rexford W., assignor.)
Oxford Varnish Corporation. (See Casto, L. V., von Webern, and Hamant, assignors.)
Oxford Varnish Corporation. (See Gundlach, Howard F., assignor.)
Oxford Varnish Corporation. (See Hamant, Edward W., assignor.)
Oxford Varnish Corporation. (See King, Orville D., assignor.)
Oxford Varnish Corporation. (See von Webern, Guido, assignor.)
Oxley, Horace F., E. B. Thomas, and J. Downing, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of cellulose derivatives. 2,184,564; Dec. 26.
Oxley, John H., Watertown, Mass. Inkwell for desks. 2,161,832; June 13.
Oxweld Acetylene Company. (See Baker, H. J., and Mesinger, assignors.)
Oxweld Acetylene Company. (See Burgess, Charles O., assignor.)
Oxweld Acetylene Company. (See De Motte, Maurice P., assignor.)
Oxweld Acetylene Company. (See Eskridge, Cecil V., assignor.)
Oxweld Acetylene Company. (See Jones, H. W., and Miller, assignors.)
Oxweld Acetylene Company. (See Lytle, Arthur R., assignor.)
Oxweld Acetylene Company. (See Lytle, A. R., and Vaughn, assignors.)
Oxweld Acetylene Company. (See Mesinger, William F., assignor.)
Oxweld Acetylene Company. (See Miller, Wilber B., assignor.)
Oxweld Acetylene Company. (See Ness, Charles, assignor.)
Oxweld Acetylene Company. (See Wagner, Robert L., assignor.)
Oxweld Acetylene Company. (See Wall, M. J., and Scott, assignors.)
Oys, John E., and W. C. Perron, Hastings, Minn., assignors to H. D. Hudson Manufacturing Company, Chicago, Ill. Sprayer construction and cover clamping device. 2,180,606; Nov. 21.
Oyster, Earl F., Shaker Heights, Ohio. Molding. 2,169,279; Aug. 15.
Oyster, Earl F., Shaker Heights, and F. T. Spikerman, Clinton, Ohio. Manufacturing sand molds for metal castings. 2,155,099; Apr. 18.
Oyston, William R., Westminster, London, England, assignor to A. Brash, Melbourne, Australia. Apparatus for stabilizing sprung bodies. 2,151,663; Mar. 21.
Ozaphane Corporation of America. (See Balsley, James R., assignor.)
Ozark Chemical Company. (See Doennecke, H. W., Douglass, and Anderson, assignors.)

Ozawa, Takewa. (See Hosokawa, Kurd, assignor.)
Ozburn, Floyd A., Los Angeles, Calif. Fish lure. 2,162,966; June 20.
Ozer, George, Chester, Pa. Watch cleaning machine. 2,150,560; Mar. 14.
Ozias, Clifford W., Columbus, Ohio. Highway paving construction. 2,148,773; Feb. 28.
P A G Patentgesellschaft A. G. (See Uher, Edmond, assignor.)
P. B. Deviator Limited. (See Brown, J. P., and Aldridge, assignors.)
P K Drive Corp. (See Köhl, Hermann, assignor.)
P. & M. Co. (England), Ltd., The. (See Hurrell, Guy C., assignor.)
P & P Car Line, Inc. (See Lonergan, James F., assignor.)
Paasche, Jens A., Wilmette, Ill. Compressor unit. 2,144,662; Jan. 24.
Paasche, Jens A., Wilmette, Ill. Fluid spraying apparatus. 2,176,356; Oct. 17.
Pabst, Hans, Leipzig, Germany. Folding box. 2,149,625; Mar. 7.
Pabst, John, et al. (See Anderson, Roy J., assignor.)
Pacanins, Tomas, et al. (See Goddard, Anne, assignor.)
Pace, Anderson, Jr., Ithaca, N. Y., assignor to The Lehon Company, Chicago, Ill. Dyeing of mineral materials. 2,149,979; Mar. 7.
Pace, Clyde A., Atlanta, Ga. Loom attachment. 2,160,707; May 30.
Pace, Jefferson D., Shreveport, La. Oil well apparatus. 2,182,545; Dec. 5.
Pace, Joseph S., Shreveport, La. Cotton planter opener. 2,146,222; Feb. 7.
Pacific, Arthur C., Detroit, Mich. Furnace wall construction. 2,160,512; May 30.
Pacific Can Company. (See Anderson, John F., assignor.)
Pacific Can Company. (See Johnstone, Charles A., assignor.)
Pacific Coast Borax Company. (See Connell, G. A., and Rasor, assignors.)
Pacific Coast Borax Company. (See Malozemoff, P., MacAfee, and Kirk, assignors.)
Pacific Electric Manufacturing Corporation. (See Gerard, Roy H., assignor.)
Pacific Electric Manufacturing Corporation. (See Schwager, August C., assignor.)
Pacific Electric Manufacturing Corporation. (See Thompson, Joseph S., assignor.)
Pacific Flush Tank Company. (See Beddoes, Hubert, assignor.)
Pacific Flush Tank Company. (See Langdon, Lawrence E., assignor.)
Pacific Giro Sales Co. (See Haines, Charles E., assignor.)
Pacific Manifolding Book Company. (See Blitz, Otto, assignor.)
Pacific Manifolding Book Company. (See Stevens, Harry, assignor.)
Pacific Mills. (See Lambert, Harry, assignor.) signor.)
Pacific Portland Cement Company. (See Burke, Edmund P., assignor.)
Pacific Pump Works. (See Bigelow, G. E., and Weis, assignors.)
Pacific Pump Works. (See Hudson, Frank M., assignor.)
Pacific Scientific Company. (See Lichtenwalner, Jay Y., assignor.)
Pacifico, Arthur. (See Silverstri, C. A., and Pacifico.)
Pacini, August J., Chicago, Ill., assignor, by mesne assignments, to U. S. Vitamin Corporation, New York, N. Y. Vitamin E composition. 2,167,002; July 25.
Pack, Earle A., Caldwell, Idaho. Dual reversible right and left hand wrench. 2,185,002; Dec. 26.
Pack, J., et al. (See Booharin, Leo Y., assignor.)
Pack, Mendel N., Dayton, Ohio. Automatic volume control. 2,168,045; Aug. 1.
Packard Motor Car Company. (See Barter, Harry L., assignor.)
Packard Motor Car Company. (See Best, Frank C., assignor.)
Packard Motor Car Company. (See Christman, John M., assignor.)
Package Machinery Company. (See Cornock, Edward F., assignor.)
Packard Motor Car Company. (See Griswold, Walter R., assignor.)
Packard Motor Car Company. (See Harbaugh, Watson D., assignor.)
Packard Motor Car Company. (See Henning, Edward E., assignor.)
Packard Motor Car Company. (See Knapp, Archer L., assignor.)
Package Machinery Company. (See Lyon, Norman W., assignor.)
Packard Motor Car Company. (See Miller, Pearle N., assignor.)
Packard Motor Car Company. (See Paton, Clyde R., assignor.)
Package Machinery Company. (See Price, Robert M., assignor.)
Packard Motor Car Company. (See Rossman, Peter F., assignor.)
Packard Motor Car Company. (See Smith, Charles J., assignor.)
Package Machinery Company. (See Smith, E. L., and Wetsel, assignors.)
Packard Motor Car Company. (See Tibbetts, Milton, assignor.)
Packard Motor Car Company. (See Van Ranst, Cornelius W., assignor.)
Packard Motor Car Company. (See Vincent, Jesse G., assignor.)
Packard Motor Car Company. (See Ware, Marsden, assignor.)
Packard Motor Car Company. (See Weiss, Erwin A., assignor.)
Packer, Clyde F., Marysville, Kans. Tie elevating tongs. 2,156,735; May 2.
Packer, Eben R., New Rochelle, N. Y., assignor to The Rails Company, New Haven, Conn. Spring rail grip. 2,152,853; Apr. 4.
Packer, Glenn W., assignor to Goodman Manufacturing Company, Chicago, Ill. Interlocking means for a group of electrical contactors. 2,149,865; Mar. 7.
Packers Machinery Company. (See Leavenworth, Frank C., assignor.)
Packless Metal Products Corporation. (See Guarnaschelli, Stephen, assignor.)
Padden, Edward, St. Albans, N. Y. Clutch throw-out collar. 2,157,429; May 9.
Padelford, Lester E., North Arlington, and J. J. Ambrose, assignors to Savory Appliance, Inc., Newark, N. J. Toasting machine. 2,152,913; Apr. 4.
Padernal, Vicente D., Salinas, Calif. Tree climbing device. 2,174,525; Oct. 3.
Paddock, George A., Stow, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Cell cover assembly for storage batteries. 2,182,500; Dec. 5.
Paddock, Levi S., assignor to Industrial Patents Corporation, Chicago, Ill. Preparation of sausage. 2,182,211; Dec. 5.
Paddock, Ormond H., Rossford, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus for bending glass sheets. 2,182,448; Dec. 5.
Padgett, Claude M. (See Kolb, H. F., and Padgett.)
Padgett, Elmer M., Nashville, Tenn. Ratchet wrench. 2,153,988; Apr. 11.
Padgett, Joseph E., Toledo, Ohio. Flexible coupling. 2,154,991; Apr. 18.
Padgett, Joseph E., Toledo, Ohio. Universal joint. 2,161,234; June 6.
Padgett, Joseph E., Toledo, Ohio, assignor to Automatic Drive & Transmission Company, Gloucester City, N. J. Automatic power transmitting mechanism. 2,144,298; Jan. 17.
Padulo, George J., Chicago, Ill. Identifying tool handle. 2,175,481; Oct. 10.
Pad-Y-Wax Company. (See Stroop, John, assignor.)
Paege, George A. R., Detroit, Mich. Trammel. 2,176,681; Oct. 17.
Paes, Francisco D., L. D. Salazar de Eca, and E. P. C. Pires, Lisbon, Portugal. Combined vehicle-leveling, turn-banking, and shock-absorbing mechanism for motor vehicles. 2,165,617; July 11.
Paffen, Fred W., Forest Hills, N. Y., assignor to Celanese Corporation of America. Yarn holder. 2,155,505; Apr. 25.
Paffrath, Georg, Berlin-Sudende, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television and sound receiver. 2,169,883; Aug. 15.
Paganello, Nunzio, Brooklyn, assignor to S. Paganello, New York, N. Y. Doll eye. 2,160,982; June 6.
Paganello, Salvator. (See Paganello, Nunzio, assignor.)
Page, Albert E., Brooklyn, assignor to Scott & Williams, Incorporated, New York, N. Y. Circular knitting machine. 2,146,647; Feb. 7.
Page, Arthur A., Red Wing, Minn. Aerobic filter. 2,183,657; Dec. 19.
Page, Charles E., Brooklyn, N. Y. Beverage device. 2,166,728; July 18.
Page, Charles E., Los Angeles, Calif. Treating coffee. 2,167,085; July 25.
Page, Clarence C., assignor to William B. and M. H. Wright Candy Company, Portland, Oreg. Machine for making candy canes. 2,175,089; Oct. 3.
Page, Edward J. (See Bergeron, A. P., Page, and Rushia.)
Page Engineering Company. (See Armstrong, Merwin, assignor.)
Page Engieering Company. (See Page, John W., assignor.)
Page, Everett W., River Forest, assignor to General Electric X-Ray Corporation, Chicago, Ill. X-ray inspection apparatus. 2,179,859; Nov. 14.
Page, Francis L., New York, and J. K. Jayne, New Canaan, Conn., assignors to Transit Advertisers, Inc., New York, N. Y. Display device. 2,165,724; July 11.
Page, George A., Jr., Ferguson, Mo., assignor, by mesne assignments, to Curtiss-Wright Corporation. Retractable landing gear. 2,158,300; May 16.
Page, George A., Jr., Ferguson, Mo., assignor to Curtiss-Wright Corporation. Pressure fuselage. 2,162,227; June 13.
Page, Herbert E., Syracuse, N. Y. Pressing machine. 2,148,085; Feb. 21.
Page, Herbert E., Syracuse, N. Y. Hydraulic pressure multiplying mechanism. 2,154,956; Apr. 18.
Page, Herbert E., Syracuse, N. Y. Washing apparatus. 2,167,086; July 25.

Page, Herbert E., Syracuse, N. Y. Garment-pressing machine. 2,175,127; Oct. 3.
Page, James M., Jr., Casper, Wyo., assignor to Standard Oil Company, Chicago, Ill. High melting point paraffin waxes and compositions thereof. 2,157,625; May 9.
Page, John, Evanston, assignor to United States Gypsum Company, Chicago, Ill. Method and apparatus for manufacturing wallboard. 2,168,803; Aug. 8.
Page, John, Evanston, and C. R. Southwick, assignors to United States Gypsum Company, Chicago, Ill. Method of and apparatus for manufacturing wallboard joint tape. 2,180,433; Nov. 21.
Page, John E., Sydney, New South Wales, Australia, assignor to President and Directors of the Manhattan Company, as trustee for the Gibson Patent Containers, Ltd. Container. 2,157,302; May 9.
Page, John H., assignor to The Shaw-Walker Company, Muskegon, Mich. Filing device for use in vertical filing systems. 2,156,955; May 2.
Page, John W., assignor to Page Engineering Company, Chicago, Ill. Walking mechanism. 2,164,120; June 27.
Page, John W., assignor to Page Engineering Company, Chicago, Ill. Tooth-point construction. 2,167,425; July 25.
Page, John W., and W. H. Jump, assignors to Stubnitz-Greene Spring Corporation, Adrian, Mich. Seat. 2,153,155; Apr. 4.
Page, Lionel F., Xenia, Ohio. Auxiliary circulating device for automobile heaters. 2,170,032; Aug. 22.
Page, Louis J., Hollis, N. Y. Adjustable nose pad mounting for raising and lowering bifocal lenses. 2,144,165; Jan. 17.
Page, Melvin E., Muskegon, Mich. Denture. 2,144,198; Jan. 17.
Page, Paul E., Fort Kent, Maine. Tobacco pipe. 2,158,301; May 16.
Page, Ralph E., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Statistical card operated machine. 2,150,243; Mar. 14.
Page, Ralph E., West Orange, N. J., assignor to International Business Machines Corporation, New York, N. Y. Sorting machine. 2,172,069; Sept. 5.
Page, Ralph E., West Orange, N. J., assignor to International Business Machines Corporation, New York, N. Y. Record-controlled machine. 2,174,705; Oct. 3.
Page, Ronald, and E. B. Thomas, Spondon, near Derby, England, assignors to Celanese Corporation of America. Catalyst for the preparation of methane from carbon monoxide and hydrogen. 2,151,329; Mar. 21.
Page, William M., Marblehead, Mass. Shoemaking. 2,145,818; Jan. 31.
Page, William M., Marblehead, Mass. Welt shoemaking. 2,147,412; Feb. 14.
Page, William M., Marblehead, Mass. Shoemaking. 2,156,511; May 2.
Pagel, Lawrence C., Madison, Wis. Manufacture of casein. 2,184,002; Dec. 19.
Pageman, Rudolph. (See Fisher, Robert P., assignor.)
Pagenkemper, Arthur H., Glenolden, Pa., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,184,648; Dec. 26.
Paget, Win W., Michigan City, Ind., assignor to Sullivan Machinery Company. Sealing device. 2,161,833; June 13.
Pagliaroni, John V., Clawson, assignor of one-half to M. A. Hund, Grosse Pointe Park, and one-fourth to J. Halter. Detroit, Mich. Valve lubricating system. 2,149,898; Mar. 7.
Pagnacco, Arrigo, Venice, Italy. Yarn tester. 2,182,349; Dec. 5.
Paine, Frank C., Wayland, Mass. Ship construction. 2,167,552; July 25.
Paine, Fred, Hollidays Cove, W. Va. License plate holder. 2,162,634; June 13.
Paine, James M., Harlingen, Tex. Revolving hoist. 2,171,404; Aug. 29.
Paine, Lloyd E., assignor to Norton Company, Worcester, Mass. Grinding wheel truing apparatus. 2,178,842; Nov. 7.
Paine, Willard B., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,152,084; Mar. 28.
Paine, Willard B., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch operating mechanism. 2,168,682; Aug. 8.
Paine & Williams Company, The. (See Eudy, Harrison, assignor.)
Paine & Williams Company, The. (See Vrooman, William S., assignor.)
Painter, Harry K., Mansfield, assignor to The Bock Machine Company, Cincinnati, Ohio. Mixing and dispensing apparatus. 2,160,983; June 6.
Painter, William H., East Orange, N. J., assignor to Radio Corporation of America. Electron discharge device. 2,170,663; Aug. 22.
Paisley, Ellwood S., and A. F. Peters, assignors to The National Drug Company, Philadelphia, Pa. Hypodermic-injection apparatus. 2,168,270; Aug. 1.
Pakala, William E., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Communication system. 2,154,694; Apr. 18.
Pakala, William E., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor-electric device. 2,172,221; Sept. 5.
Pakulla, Edmund. See Schustek, R., and Pakulla.)
Palace Travel Coach Corporation. (See Arehart, David D., assignor.)
Paladino, Angelo R., Elmont, assignor to Englander Spring Bed Co. Inc., New York, N. Y. Convertible furniture. 2,144,929; Jan. 24.
Palén, Anders G. P. (See Lindblad, A. R., and Palén.)
Paleologos, Christie N., Charles Town, W. Va. Ash-receiving attachment for restaurant tables. 2,182,947; Dec. 12.
Palermo, John B., Brooklyn, N. Y. Roto flash neon sign. 2,143,206; Jan. 10.
Palisca, Matthew, et al. (See Purkardhofer, G., and Battilana, assignors.)
Palkin, Samuel, and T. C. Chadwick, Washington, D. C., dedicated to the free use of the People of the United States of America. Gauge for measurement of gas pressure. 2,169,812; Aug. 15.
Palkin, Samuel, Washington, D. C., and W. C. Smith, Arlington, Va., dedicated to the free use of the people in the territory of the United States. Non crystallizing gum rosin. 2,176,660; Oct. 17.
Pallesen, Hans P., Hamburg, Germany. Self-inking stamping machine for linen or the like. 2,154,578; Apr. 18.
Palley, John, Farmington, Ill. Shoe heel. 2,159,943; May 23.
Pallister, Thomas W., and H. W. Leman; said Pallister assignor to Advance Appliance Co., Peoria, Ill. Clutch. 2,158,677; May 16.
Palm Bros. Decalcomania Co., The. (See Shields, William H., assignor.)
Palm, John V. O., Cleveland Heights, assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Clutch. 2,163,152; June 20.
Palmer, Albert, Alburg, Vt. Automatic mop wringer. 2,166,965; July 25.
Palmer, Alfred I., Homestead, Pa. Cabinet. 2,166,018; July 11.
Palmer-Bee Company. (See McBride, Jesse E., assignor.)
Palmer Brothers Company, The. (See Rothchild, David, assignor.)
Palmer, Charles. (See Rich, C. A., and Palmer.)
Palmer, Charles R., Glen Acres, assignor to The Palmer Company, Norwood, Ohio. Thermometer. 2,158,045; May 9.
Palmer, Charles R., Glen Acres, assignor to The Palmer Company, Norwood, Ohio. Casing for thermometers. 2,176,003; Oct. 10.
Palmer, Charles R., Glen Acres, assignor to The Palmer Company, Norwood, Ohio. Thermometer. 2,180,285; Nov. 14.
Palmer-Chase Co. (See Palmer, Russell L., assignor.)
Palmer Company, The. (See Palmer, Charles R., assignor.)
Palmer, Earl W. (See Smith, C. S., and Palmer.)
Palmer-Edwards Company. (See Pruit, Harvey E., assignor.)
Palmer, Elbridge W., assignor to Kingsport Press, Inc., Kingsport, Tenn. Book. 2,153,639; Apr. 11.
Palmer, Elbridge W., and H. L. Beutler, assignors to Kingsport Press, Inc., Kingsport, Tenn. Book. 2,180,965; Nov. 21.
Palmer, Frank D., assignor of one-third to C. Spray, Chicago, Ill. Container. 2,160,164; May 30.
Palmer, Frank D., assignor of one-third to O. Kline, and one-third to C. Spray, Chicago, Ill. Carton machine and forming cartons. 2,171,418; Aug. 29.
Palmer, Frank D., assignor of one-third to C. Spray and one-third to O. P. Kline, Chicago, Ill. Method and apparatus for forming and filling cartons. 2,176,147; Oct. 17.
Palmer, Gilbert. (See Salmond, H. M., Mathisen, Palmer, and Goodall.)
Palmer, Granville E., Cambridge, Mass. Insulation for meter troughs. 2,146,843; Feb. 14.
Palmer, Granville E., Cambridge, assignor, by mesne assignments, to Reconstruction Finance Corporation, Boston, Mass. Electric service switch. 2,146,648; Feb. 7.
Palmer, Harry L., Scotia, N. Y., assignor to General Electric Company. Electric valve circuit. 2,158,885; May 16.
Palmer, Herbert R., Cleveland, Ohio. Rotary pump. 2,184,753; Dec. 26.
Palmer, Herman, assignor, by mesne assignments, to B. M. Kissel, Hartford, Wis., doing business as Kissel Industries. Outboard motor construction. 2,143,573; Jan. 10.
Palmer, Hermione R., Berkeley, Calif. Coiffure for plastic figures and making the same. 2,152,085; Mar. 28.
Palmer, John P. (See Palmer, Robert W. and J. P.)
Palmer, Joseph, New Rochelle, N. Y. Motor vehicle door lock. 2,167,675; Aug. 1.
Palmer, Paul C., assignor to R. M. Greenleaf, Los Angeles, Calif. Wheel alignment mechanism. 2,176,357; Oct. 17.
Palmer, Robert T. (See Anderson, S. M., and Palmer.)
Palmer, Robert T. (See Sewell, H. R., and Palmer.)
Palmer, Robert T., Sharon, assignor to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Air conditioning system. 2,160,389; May 30.
Palmer, Robert W. and J. P., Meadville, Pa. Slip locking pivot. 2,152,563; Mar. 28.
Palmer, Russell L., assignor to Palmer-Chase Co., Oakland, Calif. Collapsible paper box. 2,175,731; Oct. 10.
Palmer, Spencer E. (See Kimble, J. S., and Palmer.)

Palmer, Spencer E. (See Moss, W. R., and Palmer.)
Palmer, Spencer E., Kingsport, Tenn., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Plasticizing method. 2,150,939; Mar. 21.
Palmer, Walter E., Cicero, Ill. Synchronous circuit make and break device. 2,181,283; Nov. 28.
Palmeri, Louis, Wethersfield, Conn. Brush. 2,152,358; Mar. 28.
Palmeteer, Russell E., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Insulated member. 2,179,381; Nov. 7.
Palmateer, Russell E., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Binder and coating materials and producing the same. 2,179,453; Nov. 7.
Palmgren, Carl A., Chicago, Ill. Chuck. 2,172,070; Sept. 5.
Palmgren, Nils A., Goteborg, Sweden. Variable speed transmission mechanism. 2,144,270; Jan. 17.
Palmgren, Nils A., assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Radial plain bearing for grease lubrication. Re. 21,124; June 20
Palmgren, Nils A., assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Radial plain bearing. 2,148,406; Feb. 21.
Palmgren, Nils A., assignor to Aktiebolaget Svenska Kullagerfabriken, Goteborg, Sweden. Radial plain bearing for grease lubrication. 2,176,435; Oct. 17.
Palmgren, Per G., Philadelphia, Pa., assignor to Aktiebolaget Svenska Kullagerfabrieken, Goteborg, Sweden. Bearing for rolling mills and the like. 2,182,994; Dec. 12.
Palmieri, Cesare, assignor of thirty-three and one-third per cent to M. Milano, thirty-three and one-third per cent to L. Corsaro, and one-fifth to W. M. Chapin, New York, N. Y. Beater or mixer. 2,181,833; Nov. 28.
Palmros, Alexander. (See Rugg, W. S., and Palmros.)
Palmros, Alexander, Rochester, Pa. Power-operated pneumatic tool. 2,171,946; Sept. 5.
Palotce, John J., Youngstown, Ohio. Bearing hone. 2,174,945; Oct. 3.
Palotce, John J., Youngstown, Ohio. Bearing hone. 2,178,491; Oct. 31.
Palsson, Magnus P., Seattle, Wash. Harpoon spoon. 2,179,597; Nov. 14.
Palsson, Magnus P., Seattle, Wash. Harpoon spoon and plug. 2,179,598; Nov. 14.
Palumbo, Donato, assignor to American Automatic Garage Door, Inc., Pueblo, Colo. Automatic garage door operator. 2,184,649; Dec. 26.
Palumbo, Peter, New York, N. Y. Filter and ejector for cigarette and cigar holders. 2,145,733; Jan. 31.
Palumbo, Vincent, Cleveland, Ohio. Attachment for milling or other machines. 2,183,166; Dec. 12.
Panama, Herman H., et al. (See Lotz, Rudolph W., assignor.)
Pan American Airways Corporation. (See Clarke, Victor, assignor.)
Pan American Airways Corporation. (See Sullinger, Ferris W., assignor.)
Pan American Airways Corporation. (See Sullinger, F. W., and Leuteritz, assignors.)
Pan American Airways Corporation. (See Sullinger, F. W., and Winter, assignors.)
Pan American Airways Corporation. (See Winter, Charles W., Jr., assignor.)
Pan American Refining Corporation. (See Sweeny, Perry J., assignor.)
Pancoast, William G., Winnetka, Ill. Proprietary container. 2,150,244; Mar. 14.
Panei, Alejandro, Buenos Aires, Argentina. Honeycomb frame. 2,146,844; Feb. 14.
Panettieri, Angelo M., Bridgeport, Conn. Collar. 2,165,932; July 11.
Pangborn Corporation. (See Hamren, Eric O., assignor.)
Pangborn Corporation. (See Rosenberger, William A., assignor.)
Pangborn, Leo D. (See Sweeney, H. A., and Pangborn.)
Panissidi, Attilio, Woodhaven, N. Y. Treating lens cleaning cloth. 2,166,570; July 18.
Panizzon, Leandro. (See Hartmann, M., Ensslin, and Panizzon.)
Pankau, Frank L., Milwaukee, Wis. Recording device. 2,166,019; July 11.
Pankey, Clyde E., Jefferson City, Mo. Shoulder pad. 2,162,858; June 20.
Pankonin, William G., Chicago, Ill. Stapling device. 2,165,572; July 11.
Pannier Brothers Stamp Company. (See Pannier, William J., Jr., assignor.)
Pannier, William J., Jr., assignor to Pannier Brothers Stamp Company, Pittsburgh, Pa. Stamp. 2,176,595; Oct. 17.
Pannonia Baranybornemesito es Kereskedelmi r. t. (See Frommer, Géza, assignor.)
Panos, Apostole, Long Beach, Calif. Mounting sleeve for shoe stretcher blocks. 2,145,494; Jan. 31.
Panowitz, George, Lansdowne, assignor of one-half to S. S. Friedman, Baltimore, Md. Ladder-foot leveling attachment. 2,146,759; Feb. 14.
Panstwowe Zaklady Tele-i Radjotechniczne W. Warszawie. (See Jedrychowski, Jerzy, assignor.)
Państwowe Zakłady Tele-i Radjotechniczne w Warszawie. (See Trechciński, Roman, assignor.)
Panter, Irwin, Chicago, Ill., assignor of one-half to L. Gethner. Receptacle closure. 2,172,544; Sept. 12.
Pantex Pressing Machine, Inc. (See Beede, Robert J., assignor.)
Panther-Panco Rubber Co. (See Greenbaum, Arthur, assignor.)
Panza, Ralph, Los Angeles, Calif. Fire screen. 2,145,431; Jan. 31.
Panzegrau, Norman O., and S. T. Hoener, Chicago, Ill., assignors to International Harvester Company. Track roller. 2,179,860; Nov. 14.
Panzerbieter, Hans. (See Jacoby, H., and Panzerbieter.)
Paoli, Ambrose, et al. (See van Allen, Fredric L., assignor.)
Paolicelli, Eustace V., Corona, N. Y. Variable heat control electric hand tool. 2,146,979; Feb. 14.
Papadakis, Simeon. (See Beauvais, Marcelle, assignor.)
Papaya Corporation of America. (See Matoush, Leroy L., assignor.)
Papazian, Martin S., Worcester, Mass. Stencil attachment for spray guns. 2,152,274; Mar. 28.
Pape, August H., Kentfield, Calif. Oil burner. 2,172,772; Sept. 12.
Papello, Karl, Jena, Germany, assignor, by mesne assignments, to Bausch & Lomb Optical Company, Rochester, N. Y. Apparatus for gunnery calculators. 2,174,330; Sept. 26.
Paper Converting Machine Co. (See Christman, Peter J., assignor.)
Paper Dispensers, Inc. (See Colburn, Bearl F., assignor.)
Paper Novelties Limited. (See Grigg, William, assignor.)
Paper Patents Company. (See Fourness, Charles A., assignor.)
Paper Patents Company. (See Henderson, Charles L., assignor.)
Paper Service Company, The. (See Rowe, William W., assignor.)
Paper Service Company, The. (See Rowe, W. W., and Morris, assignors.)
Papineau, Louis J., Montreal, Quebec, Canada, assignor to Johns-Manville Corporation, New York, N. Y. Watertight flooring. 2,181,200; Nov. 28.
Papini, Anthony, Leonia, assignor to Fidelity Products Co. Inc., Jersey City, N. J. Toilet cream dispenser. 2,172,517; Sept. 12.
Papp, Andrew E., assignor to G & W Electric Specialty Co., Chicago, Ill. Oil fuse cut-out. 2,161,427; June 6.
Papp, Samuel, Lowellville, Ohio. Parachute attachment for airplanes. 2,161,722; June 6.
Papp, Stephen J., Buffalo, N. Y. Transmission means for motor vehicles. 2,172,622; Sept. 12.
Pappas, Anastasios T. (See Lucas, E., and Pappas.)
Paque, Edward J., assignor to The Pollak Steel Co., Cincinnati, Ohio. Fence post. 2,150,291; Mar. 14.
Paquette, Moise, Ste. Agathe Des Monts, Quebec, Canada. Ski towing apparatus. 2,181,519; Nov. 28.
Paquin, Max. (See Daimler, K., Paquin, and Riedelsberger.)
Paquin, Max, Frankfort-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Condensation products and preparing them. 2,155,328; Apr. 18.
Paracheck, Joseph R., Toledo, Ohio. Signal control. 2,173,370; Sept. 19.
Paradise, Louis A. (See Coultas, W. J., and Paradise.)
Paradise, Louis A. (See Oehler, A. W., Anderson, and Paradise.)
Paradise, Louis A., and W. J. Coultas, assignors to Deere & Company, Moline, Ill. Mower. 2,171,761; Sept. 5.
Paragon Die Casting Company. (See Lannert, Frank, assignor.)
Paragon Revolute Corporation. (See Sullivan, Warren L., assignor.)
Paramount Fireworks Company. (See Holcomb, Lester, assignor.)
Paramount Line, Inc., The. (See Markoff, Theodore, assignor.)
Paramount Productions, Inc. (See Mellor, L. L., and Zaugg, assignors.)
Paramount Textile Machinery Co. (See Richter, Henry, assignor.)
Paramount Watch Band Manufacturing Company. (See Moody, F. S., and Pauwels, assignors.)
Parcaro, Michael P., Bloomfield, assignor, by mesne assignments, to Carrier Corporation, Newark, N. J. Fluid circulation system. 2,154,136; Apr. 11.
Parcaro, Michael, Bloomfield, assignor to Carrier Corporation, Newark, N. J. Air conditioning system. 2,172,877; Sept. 12.
Parcell, John, New York, N. Y. Frozen cream machine. 2,159,450; May 23.
Parcell, Raymond, Fredericksburg, Va., assignor to Precision Metal Workers, Chicago, Ill. Apparatus for filling molds. 2,177,375; Oct. 24.
Pardee, Frank, assignor to Anthracite Separator Company, Hazelton, Pa. Concave spiral separator. 2,145,315; Jan. 31.
Pardee, Howard J., New York, N. Y. Chlorinator. 2,151,142; Mar. 21.
Pardee, Howard J., New York, N. Y. Control means for chlorinators. 2,151,143; Mar. 21.
Pardee, Lloyd W., Lakewood, assignor to The Scott & Fetzer Company, Cleveland, Ohio. Handle switch. 2,175,065; Oct. 3.

Pardieck, Frank J., Indianapolis, Ind. Flush tank valve. 2,174,706; Oct. 3.
Pardon, Heinz. (See Krzikalla, H., Pardon, and Hess.)
Paré, Victor T., Collingswood, N. J., assignor to Radio Corporation of America. Tuning control system for radio receivers. 2,166,691; July 18.
Paret, Henry W., Jr., Pittsburgh, Pa. Method and apparatus for controlling furnace combustion. 2,149,980; Mar. 7.
Parfentjev, Ivan A., Nyack, assignor to Lederle Laboratories, Inc., New York, N. Y. Purification of antibody compositions. 2,175,090; Oct. 3.
Pari, Jack, New York, N. Y. Closure device for collapsible tubes and the like. 2,179,423; Nov. 7.
Paris, Andrew J. (See Paris, James J., G. J., and A. J.)
Paris, Elliot J., Providence, R. I., assignor to Cohn & Rosenberger, Inc., New York, N. Y. Ornament construction. 2,175,305; Oct. 10.
Paris, Fred F., Berkeley, and R. L. Kerns, Rio Vista, Calif. Ditch digger. 2,148,171; Feb. 21.
Paris, George J. (See Paris, James J., G. J., and A. J.)
Paris, James J., G. J., and A. J., Detroit, Mich. Clock. 2,150,036; Mar. 7.
Paris, Robert E., assignor to International Business Machines Corporation, New York, N. Y. Automatically controlled calculating mechanism. 2,165,298; July 11.
Paris, Robert E., assignor to International Business Machines Corporation, New York, N. Y. Printing machine. 2,168,446; Aug. 8.
Parish, Fred A., Newton, Iowa. Wringer head mechanism. 2,149,866; Mar. 7.
Parish, Howard. (See Sweet, J. E., De Peugh, and Parish.)
Parish, Richard L., Brewster, N. Y. Thermal insulation. 2,183,406; Dec. 12.
Parish, Willard E., Syracuse, N. Y. Inserted tooth cutter. 2,164,620; July 4.
Parisian Novelty Company. (See Komorous, Joseph, assignor.)
Park, Alan B., assignor to The Metropolis Bending Company, Metropolis, Ill. Folding chair. 2,152,149; Mar. 28.
Park, Allan J., assignor of one-half to J. A. Mayer, Lakewood, Ohio. Electrical connecter. 2,142,284; Jan. 3.
Park, Arthur D., assignor to Armstrong Cork Company, Lancaster, Pa. Display device. 2,179,828; Nov. 14.
Park, Charles W., Bolinas, Calif., assignor to Radio Corporation of America. Tuning arrangement. 2,153,205; Apr. 4.
Park, Chauncey M., Evanston, Ill. Generation of power. 2,147,666; Feb. 21.
Park, Emory R., La Grange, Ga. Portable cooking utensil stand. 2,173,024; Sept. 12.
Park, Franklin A., Jr. (See Chason, D. H., and Park.)
Park, Halford W., et al. (See Derby, John H., assignor.)
Park, Irl R. (See Ogsbury, S. C., Barron, and Park.)
Park, Jesse W., Los Angeles, Calif. Top construction. 2,171,046; Aug. 29.
Park, John K., Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Installation of acoustical insulating material. 2,148,496; Feb. 28.
Park, Robert H., Short Hills, assignor to The Calco Chemical Company, Inc., Bound Brook, N. J. Spectrophotometry. 2,157,389; May 9.
Park, Tracy S., assignor to L. A. Layne, Houston, Tex. Packer. 2,144,026; Jan. 17.
Parke, Davis & Company. (See Beutner, Reinhard, assignor.)
Parke, Davis & Company. (See Coghill, Robert D., assignor.)
Parke, Davis & Company. (See Dox, Arthur W., assignor.)
Parke, Davis & Company. (See Gilman, H., and Young, assignors.)
Parke, Davis & Company. (See Lyons, Edward, assignor.)
Parke, Davis & Company. (See Marker, Russell E., assignor.)
Parke, Peter, and F. O. Marshall, assignors to The Pullman Company, Chicago, Ill. Air conditioning system. 2,154,769; Apr. 18.
Parker, Aloysius A., Brooklyn, N. Y. Fluid treating of photographic film. 2,168,846; Aug. 8.
Parker, Arthur H. (See Sebell, Harry, assignor.)
Parker, Arthur L., Cleveland, Ohio. Pressure relief valve. 2,158,478; May 16.
Parker, Arthur L., Cleveland, Ohio. Flexible coupling for tubes. 2,164,471; July 4.
Parker, Charles O. (See Garrett, Alva H., assignor.)
Parker, Claude E., Chicago, Ill., assignor to Gas Products Corporation. Stove. 2,164,078; June 27.
Parker, Claude E., Chicago, Ill., assignor to Gas Products Corporation. Gaseous fuel stove. 2,164,079; June 27.
Parker, Colin R., Newport, R. I. Fishing device. 2,145,992; Feb. 7.
Parker, David F., Walterboro, S. C. Grave cover. 2,147,858; Feb. 21.
Parker, Elizabeth W. (See Parker, Henry C., and E. W.)
Parker, Ernest V., Oakland, Calif. High-pressure fluid delivery apparatus. 2,174,526; Oct. 3.
Parker, Francis D., La Farge, Wis. Lifting and pulling device. 2,183,124; Dec. 12.
Parker, Frederick D. (See Fleming, R. S., Parker, and Hawley.)
Parker, George M., St. Louis, Mo. Continuous process of gas making. 2,171,596; Sept. 5.
Parker, George M., St. Louis, Mo. Gas-firing regenerative furnace. 2,171,597; Sept. 5.
Parker, George M., St. Louis, Mo. Firing furnaces. 2,172,105; Sept. 5.
Parker, George M., St. Louis, Mo. Continuous process of gas making. 2,172,106; Sept. 5.
Parker, George N., Shreveport, La. Cathead. 2,163,736; June 27.
Parker, Glenn H., Royal Oak, assignor to Chrysler Corporation, Highland Park, Mich. Spring suspension and mounting. 2,166.822; July 18.
Parker, Guy E., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Body mounting. 2,171,947; Sept. 5.
Parker, Harold H. (See Hoff, G. P., and Parker.)
Parker, Harry. (See Rowland, T. C. E., and Parker.)
Parker, Henry C. (See Parsons, Charles L., assignor.)
Parker, Henry C., Washington, D. C. Slide fastener lock. 2,183,103; Dec. 12.
Parker, Henry C. and E. W., Washington, D. C. Article for cleaning shoes. 2,165,150; July 4.
Parker, Henry W., assignor to Rogers Radio Tubes Ltd., Toronto, Ontario, Canada. Electrotherapeutic device. 2,171,670; Sept. 5.
Parker, Henry W., assignor to Rogers Radio Tubes Ltd., Toronto, Ontario, Canada. Thermionic tube. 2,183,149; Dec. 12.
Parker, Herbert H. (See Stecher, J. L., and Parker.)
Parker, Humphrey F., Detroit, Mich. Fluid motor. 2,169,451; Aug. 15.
Parker, Humphrey F., and J. G. Aceves, New York, N. Y., assignors to Brown Instrument Company, Philadelphia, Pa. Measuring and control method and apparatus. 2,150,006; Mar. 7.
Parker, Ivey L. (See Beck, J. M., and Parker.)
Parker, J Henry S., assignor to Eastman Kodak Company, Rochester, N. Y. Film pack construction. 2,172,257; Sept. 5.
Parker, J Henry S., and D. H. Stewart, assignors to Eastman Kodak Company, Rochester, N. Y. Film control member for a film magazine. 2,184,003; Dec. 19.
Parker, James E., Washington, D. C. Apparatus for amplifying electrical currents. Re. 21,305; Dec. 19.
Parker, James E., Washington, D. C., Typographical equipment. 2,173,025; Sept. 12.
Parker, John R., assignor to F. P. Higgins, Toronto, Ontario, Canada. Clasp for garment supporters. 2,151,867; Mar. 28.
Parker, Joseph E., Yorba Linda, Calif. Irrigation water distributor. 2,148,419; Feb. 21.
Parker, Laurie F., Noroton, Conn. Apparatus for manufacturing compressed sanitary pads. 2,166,665; July 18.
Parker, Laurie F., Noroton, Conn., and H. L. Myer, assignors to Silas Mason Co., Inc., New York, N. Y. Apparatus for tunneling in consolidated material. 2,164,753; July 4.
Parker, Leslie O., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Extension lock switch ignition coil. 2,173,612; Sept. 19.
Parker, Lester W., Brooklyn, N. Y., assignor to Salvage Process Corporation. Oil pumping method. 2,148,131; Feb. 21.
Parker, Louis W. (See Kolozsy, Louis W.)
Parker, Louis W., Astoria, assignor to S. M. Saltzman. New York, N. Y. Intercommunicating system and method. 2,144,380; Jan. 17.
Parker, Louis W., Astoria, assignor to C. S. I. Development Corporation, New York, N. Y. Direct current voltage multiplication. 2,155,363; Apr. 18.
Parker, Louis W., Woodside, Long Island, assignor to C. S. I. Development Corporation, New York, N. Y. Direct current voltage booster. 2,155,362; Apr. 18.
Parker, Morgan, Katonah, and J. W. B. Ladd, Chappaqua, N. Y., assignors to Bard-Parker Company, Inc., Danbury, Conn. Making rib-back blades. 2,184,150; Dec. 19.
Parker, N. Douglas, Jr., et al. (See Coppock, Ira M., assignor.)
Parker, Richard W. (See Weiss, C. R., and Parker.)
Parker, Robert P. (See Lecher, H. Z., and Parker.)
Parker, Robert P., Somerville, assignor to The Calco Chemical Company, Inc., Somerset, N. J. Diazo derivatives of guanyl-urea-N-sulphonic acids and N-nitro guanyl-ureas. 2,154,470; Apr. 18.
Parker, Rutledge A. (See Lenz, C. E., Jr., and Parker.)
Parker, S. G. (See Watt, William G., assignor.)
Parker, Stewart J. (See Orndorff, H. B., and Parker.)
Parker, Sydney M., Myton, assignor to Automotive Products Company, Limited, London, England. Fluid pressure operated jack. 2,144,892; Jan. 24.
Parker, Sydney M., Myton, assignor to Automotive Products Company, Limited, London, England. Fluid pressure operated jack. 2,144,893; Jan. 24.
Parker, Sydney M., Myton, assignor to Automotive Products Company Limited, London, England. Fluid pressure control system. 2,184,057; Dec. 19.
Parker, Washington W., assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Temperature indicator. 2,142,677; Jan. 3.
Parker, William B., Placerville, assignor to California Spray-Chemical Corporation, Berkeley, Calif. Insecticidal composition. 2,144,808; Jan. 24.

Parker, William B., Placerville, assignor to California Spray-Chemical Corporation, Berkeley, Calif. Parasiticidal compositions. 2,163,560; June 20.
Parker, William B., Placerville, assignor to California Spray-Chemical Corporation, Berkeley, Calif. Insecticidal compositions. 2,171,598; Sept. 5.
Parker Wire Goods Company. (See Priest, Dwight E., assignor.)
Parker Wire Goods Company. (See Priest, D. E., and Macomber, assignors.)
Parker, Zachriah T., Spokane, Wash. Ore car. 2,177,741; Oct. 31.
Parkersburg Rig. & Reel Company, The. (See De La Mater, Robert G., assignor.)
Parkersburg Rig & Reel Company, The. (See McKeever, Roy S., assignor.)
Parkerton, Prosper W., West Hartford, Conn. Mated coupling for fluid systems. 2,154,526; Apr. 18.
Parkhill, Frederic W., assignor of one-fourth to H. R. Brown and one-fourth to W. E. Ludwig, Kansas City, Mo. Lockable caster assembly. 2,173,950; Sept. 26.
Parkhill-Wade. (See Wade, Henry N., assignor.)
Parkhurst, Douglas L., Chevy Chase, Md., assignor to the Government of the United States, as represented by the Secretary of Commerce and his successors in office. Sampling a liquid. 2,155,442; Apr. 25.
Parkhurst, George L., assignor to Standard Oil Company, Chicago, Ill. Treating lubricating oils. 2,142,916; Jan. 3.
Parkin, William H., Alperton, assignor to Exactor Control Company Limited, Alperton, Middlesex, England. Mechanical remote control apparatus. 2,169,813; Aug. 15.
Parkin, Winfred T., Providence, R. I. Container closure. 2,159,978; May 30.
Parkin, Winfred T., assignor to Theodore W. Foster & Bro. Company, Providence, R. I. Vanity case. 2,179,669; Nov. 14.
Parkins, Virgil, Tiffin, Ohio. Reflector. 2,145,836; Jan. 31.
Parkins, Virgil, Tiffin, Ohio. Fish lure. 2,152,275; Mar. 28.
Parkins, Virgil, Tiffin, Ohio. Fish lure. 2,152,971; Apr. 4.
Parkins, Wright A., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Two-stage supercharger. 2,170,974; Aug. 29.
Parkinson, Frank D., Blackpool, England. Decoration of glass and ceramic sheets, tiles, and other products. 2,160,560; May 30.
Parkinson, John S., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Perforated membrane. 2,159,488; May 23.
Parkinson, John S., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Sound-absorbing article. 2,169,370; Aug. 15.
Parkinson, John S., Somerville, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Sound absorbing structure. 2,177,393; Oct. 24.
Parkinson, Joseph C., Tarentum, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Apparatus for the determination of dew points. 2,177,002; Oct. 24.
Parkinson, Norman F. (See Fahrenwald, F. A., Parkinson, and Barnes.)
Parkinson, William J. (See Dawson, John H., assignor.)
Parkinson, William J., Irondequoit, N. Y. Vehicle obstruction indicator. 2,143,997; Jan. 17.
Park-In-Theatres, Inc. (See Williamson, Charles J., assignor.)
Parkison, Wilbur H., Chattanooga, Tenn. Automatic shoe display device. 2,164,664; July 4.
Parkoff, Paul, Brooklyn, N. Y. Automatic fan attachment for sewing machines. 2,142,370; Jan. 3.
Parks, Archibald. (See Fuscaldo, F., and Parks.)
Parks, Archibald, Chicago, Ill. Display device. 2,154,109; Apr. 11.
Parks, Archibald, Chicago, Ill. Display device. 2,154,110; Apr. 11.
Parks-Cramer Company. (See Hodge, William B., assignor.)
Parks, Dennis, St. Louis, Mo. Machine for clamping heel blanks. 2,176,560; Oct. 17.
Parks, Edward F., Providence, R. I., assignor to Universal Winding Company, Boston, Mass. Winding machine. 2,147,212; Feb. 14.
Parks, Edward F., Providence, assignor to Universal Winding Company, Cranston, R. I. Traversing roll for winding and like machines. 2,184,723; Dec. 26.
Parks, George H., Saginaw, Mich. Antiglare device. 2,147,543; Feb. 14.
Parks, John G., Chicago, Ill. Stationary wheel ornament. 2,146,980; Feb. 14.
Parks, Joseph A., Jr. (See Lasher, L. L. Chesley, and Parks.)
Parks, Joseph A., Jr., Milton, Mass., assignor, by mesne assignments, to Anderson Products, Incorporated. Valve for heating systems. 2,156,865; May 2.
Parks, Orville J., Hopkins, and M. Ronning, St. Louis Park, assignors to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Planter. 2,155,443; Apr. 25.
Parks, Orville J., Hopkins, and M. Ronning, St. Louis Park, assignors to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Feed mechanism for planters. 2,155,735; Apr. 25.
Parks, Paul B., Oak Park, assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Thermal contactor. 2,144,120; Jan. 17.
Parks, Paul B., Oak Park, and W. M. Smith, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Modulated heating system. 2,144,121; Jan. 17.
Parks, Paul B., oak Park, and T. J. Lehane, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Thermostat. 2,158,146; May 16.
Parks, Paul B., Oak Park, and W. M. Smith, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Temperature modulating system. 2,166,263; July 18.
Parks, Paul B., Oak Park, and D. W. Miller, Elmhurst, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Temperature control system. 2,171,803; Sept. 5.
Parks, Paul B., Oak Park, assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Thermostatic control mechanism. 2,181,606; Nov. 28.
Parks, Paul B., Oak Park. and W. M. Smith, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Temperature controlling and ventilating system. 2,182,449; Dec. 5.
Parks & Woolson Machine Company. (See Richardson, Charles G., assignor.)
Parlato, Peter J., New York, N. Y. Lighting fixture. 2,176,236; Oct. 17.
Parmentel, Victoria, New Orleans, La. Scalp protector. 2,169,925; Aug. 15.
Parmenter, Fred, executor. (See Payne, Matt.)
Parmenter, Walter H., St. Paul, Minn. Fishline bobber. 2,162,821; June 20.
Parmeter, Walter N., assignor of one-third to H. Bogue, Canton, S. Dak. Tourist cooker. 2,168,491; Aug. 8.
Parnell, Frank G., assignor to Automotive Products Company Limited, London, England. Brake applying means. 2,165,760; July 11.
Parnin, Maurice J., Wellesley, Mass., assignor to Container Corporation of America, Chicago, Ill. Container. 2,176,274; Oct. 17.
Parr, Bernard F., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh. Pa. Electric roaster. 2,156,215; Apr. 25.
Parr, Harold, et al. (See Smith, John N., assignor.)
Parr, N. G. (See Stringfield, Luther T., assignor.)
Parr, Warren S. (See Peters, M. F., Parr, and King.)
Parr, Webster A., assignor to The Roto-Way Corporation, Chicago, Ill.; F. E. Hummel, trustee. Hamburger frying machine. 2,168,773; Aug. 8.
Parrack, Harry H. (See Wittman, F. M., and Parrack.)
Parreira, Floriano, Guarulhos, Brazil. Fluid operated motor. 2,153,587; Apr. 11.
Parris, Cecil L., et al. (See Malme, Elmer K., assignor.)
Parrish, Alan J., assignor of one-half to M. Parrish and one-half to J. Parrish, Paris, Ill. Sheet metal pipe and pipe joint. 2,179,193; Nov. 7.
Parrish, Benjamin E., Dallas, Tex. Well swab. 2,153,843; Apr. 11.
Parrish, Carl C., assignor to Porter Steel Specialties, Shelbyville, Ind. Carpet sweeper. 2,184,623; Dec. 26.
Parrish, Earl W., et al. (See Blake, Kenneth R., assignor.)
Parrish, Grover C., assignor of one-half to M. B. Gardner, Brazil, Ind. Vehicle emergency brake. 2,174,135; Sept. 26.
Parrish, Hale W., South Bend, Ind., and L. G. Dickeson, Niles, Mich., assignors to National Standard Company, Niles, Mich. Conduit forming mechanism. 2,162,355; June 13.
Parrish, Jane, et al. (See Parrish, Alan J., assignor.)
Parrish, Margaret, et al. (See Parrish, Alan J., assignor.)
Parrott, John A., Roslyn, N. Y., assignor to American Telephone and Telegraph Company. Telephone conference circuit. 2,154,579; Apr. 18.
Parrott, Robert B., Indianapolis, Ind. Window lock. 2,151,934; Mar. 28.
Parrott, Robert D. (See Kline, B. L., Parrott, and Erickson.)
Parrott, Warley L. (See Taggart, A. F., and Parrott.)
Parry, Frank, Deptford, London, assignor to Molins Machine Company, Limited, London, England. Machine for making wrappers. 2,145,524; Jan. 31.
Parry, Richard W., Cincinnati, Ohio. Soot and fly ash trap. 2,144,268; Jan. 17.
Parry, Robert D., assignor of one-half to W. W. Osborne, Cincinnati, Ohio. Bread tray. 2,172,013; Sept. 5.
Parshad Holding Corporation, et al. (See Eaton, Charles F., assignor.)
Parshad Holding Corporation, et al. (See Randall, Arthur F., assignor.)
Parshad Holding Corporation et al. (See White, Frank E., assignor.)
Parsons, Carl B., Detroit, Mich. Kitchen cabinet. 2,174,274; Sept. 26.
Parsons, Charles L., assignor of one-half to H. C. Parker, Washington, D. C. Composition for preventing sunburn. 2,175,213; Oct. 10.
Parsons, Clinton H., assignor to Industrial Patents Corporation, Chicago, Ill. Cheese package. 2,155,736; Apr. 25.

Parsons, Clinton H., assignor to Industrial Patents Corporation, Chicago, Ill. Labeled cheese package. 2,182,212; Dec. 5.

Parsons, Edward B., assignor of one-half to L. W. Ford, Chicago, Ill. Circuit closing device. 2,180,607; Nov. 21.

Parsons, Edward J., Vandergrift, Pa. Insulated wall for open hearths. 2,173,764; Sept. 19.

Parsons, Edward T., Upper Montclair, assignor to Thomson Machine Company, Belleville, N. J. Loaf molder and extender. 2,170,424; Aug. 22.

Parsons, George C., New York, N. Y. Ship hull and constructing it. 2,162.822; June 20.

Parsons, Hugh L., Pen Argyl, and S. Schwork, Bangor, Pa. State cutter and punch. 2,164,688; July 4.

Parsons, James E., et al. (See Delk, Edward M., assignor.)

Parsons, James G., McKeesport, Pa., assignor to National Tube Company. Valve. 2,165,649; July 11.

Parsons, John A., Bainbridge, assignor to American Plastics Corporation, New York, N. Y. Making shaped casein plastics. 2,166,550; July 18.

Parsons, John H., Pontiac, and R. M. Powell, Detroit, Mich. Apparatus for tapping sheet metal. 2,180,545; Nov. 21.

Parsons, John S., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic network protector. 2,162,516; June 13.

Parsons, John S., Swissvale, and G. O. Harrison, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Alternating current apparatus. 2,179,346; Nov. 7.

Parsons Marine Steam Turbine Company, The. (See Cook, S. S., and Douglas, assignors.)

Parsons, Ralph M., assignor to Bechetel-McCone-Parsons Corporation, Los Angeles, Calif. Remote controlled pressure relief valve. 2,159,979; May 30.

Partlow Corporation, The. (See Clark, James K., assignor.)

Partridge, Edward G., Stow, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Composition to prevent sticking of rubber compounds and preparing the same. 2,147,312; Feb. 14.

Partz, Victor A., Racine, Wis., assignor to Scovill Manufacturing Company, Waterbury, Conn. Motor circuit. 2,157,430; May 9.

Parva Products Company. (See Troendly, Harry P., assignor.)

Parva Products Company. (See White, Paul W., assignor.)

Parva Products Company. (See White, P. W., and Droz, assignors.)

Parvin, Edward G., Roselle, assignor to National Pneumatic Company, Rahway, N. J. Electric door operator. 2,165,809; July 11.

Parvin, Edward G., Roselle, assignor to National Pneumatic Company, Rahway, N. J. Fume eliminator for internal combustion engines. 2,148,709; Feb. 28.

Parvin, Edward G., Roselle, N. J., assignor to National Pneumatic Company, New York, N. Y. Combined carburetor and fume eliminator innerlock for internal combustion engines. 2,171,291; Aug. 29.

Parvis, George W., Philadelphia, Pa. Closure for collapsible tubes. 2,155,202; Apr. 18.

Parvopassu, Pietro, Rome, Italy. Cinematographical projecting apparatus with optical compensation. 2,168,433; Aug. 8.

Pascale, Pasquale, assignor to Dri-Steam Valve Corporation, New York, N. Y. Steam drier for use on locomotives. 2,149,626; Mar. 7.

Pascale, Pasquale, New York, N. Y., assignor to Novo Patents, Inc. Steam drier. 2,176,097; Oct. 17.

Pascale, Pasquale, New York, N. Y., assignor to Novo Patents, Inc. Separator. 2,178,240; Oct. 31.

Paschke, Erich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Tuning means of communication or signal equipment. 2,183,723; Dec. 19.

Paschke, Herbert. (See Claxton, E., and Paschke.)

Paschke, Max, Clausthal-Zellerfeld, and E. Peetz, Duisburg-Huttenheim, (Dusseldorf), Germany, assignors to H. A. Brassert & Company, Chicago, Ill. Manufacturing pig iron. 2,149,480; Mar. 7.

Pascucci, Emilio, assignor to Corning Glass Works, Corning, N. Y. Reflecting unit. 2,151,279; Mar. 21.

Paselk, August F., Detroit, Mich. Safety wheel. 2,165,810; July 11.

Paslay, Le Roy C. (See Kent, E. L., and Paslay.)

Pasquini, Anthony, Wilkes-Barre, Pa. Display stand. 2,173,658; Sept. 19.

Pass Book and Check Cover Company, The. (See Humphrey, F., and Krieger, assignors.)

Pass, Sam. (See Trubitz, Philip, assignor.)

Passek, George C., Springfield, assignor to A. J. Paynter, Philadelphia, Pa. Stapling machine. 2,150,127; Mar. 7.

Passler, Hermann, assignor of one-half to A. Brunnbauer, Junior, Vienna, Austria. Separating the constituents of crude oil emulsions. 2,163,804; June 27.

Passmore, Henry E., Jr., Mount Lebanon, Pa., assignor to National Tube Company. Tube drawing bench. 2,179,194; Nov. 7.

Passur, Norman, Oakland, Calif. Air conditioning system. 2,160,984; June 6.

Pasternack, Richard, Brooklyn, and J. C. L. Blagg, New York, assignors to Charles Pfizer & Company, Brooklyn, N. Y. Preparation of crystalline anhydrous citric acid. 2,148,874; Feb. 28.

Pasternack, Richard, Brooklyn, N. Y., and P. P. Regna, North Bergen, N. J., assignors to Charles Pfizer & Company, Brooklyn, N. Y. Preparing 2-keto-aldonic acids and their salts. 2,153,311; Apr. 4.

Pasternack, Richard, Brooklyn, N. Y., and P. P. Regna, North Bergen, N. J., assignors to Charles Pfizer & Company, Brooklyn, N. Y. Production of ascorbic acid and its isomers. 2,165,151; July 4.

Pasternack, Richard, Brooklyn, N. Y., and P. P. Regna, North Bergen, N. J., assignors to Charles Pfizer & Company, Brooklyn, N. Y. Producing ascorbic acid. 2,165,184; July 4.

Pasternack, Richard, Brooklyn, and E. V. Brown, Jamaica, assignors to Charles Pfizer & Company, Brooklyn, N. Y. Catalytic hydrogenation of the keto group of calcium 5-keton-gluconate and product. 2,168,878; Aug. 8.

Pasternack, Richard, Brooklyn, and E. V. Brown, Jamaica, assignors to Charles Pfizer & Company, Brooklyn, N. Y. Preparation of stable concentrated solutions of therapeutically useful calcium compounds. 2,168,879; Aug. 8.

Pasternak, Jacob, Dallas, Tex. Cap. 2,160,513; May 30.

Pastor, Carl T., Huels over Krefeld, Germany. Electro-spindle and spindle for high speeds. 2,147,714; Feb. 21.

Pastor, Carl T., Huls, near Krefeld, Germany. Device for twisting textile threads or the like. 2,148,996; Feb. 28.

Pastrick, Michael A., Perth Amboy, N. J. Toggle switch. 2,153,479; Apr. 4.

Patch, James A., Stoneham, Mass. Preparing vitamin concentrates. 2,161,882; June 13.

Patch, Richard H., Jenkintown, assignor to E. F. Houghton & Co., Philadelphia, Pa. Inhibitor and the use thereof. 2,172,291; Sept. 5.

Patchell, Herbert E. (See Niswonger, E. B., and Patchell.)

Patchogue-Plymouth Mills Corporation. (See Fischel, Lester, assignor.)

Patco, Inc. (See de Ybarrondo, Vincent C., assignor.)

Patco, Inc. (See Harris, Ford W., assignor.)

Patco, Inc. (See Koppl, Ernest, assignor.)

Patek & Co. (See Sears, H. M., and Rothenberg, assignors.)

Patek, John M., Milwaukee, Wis. Flotation concentrator. 2,142,206; Jan. 3.

Patent Button Company, The. (See Anderson, Thomas A., assignor.)

Patent Button Company, The. (See Carley, Leonard R., assignor.)

Patent Button Company, The. (See Carley, L. R., and Purinton, assignors.)

Patent Button Company, The. (See Peterson, F. H., and Clarke, assignors.)

Patent Button Company, The. (See Purinton, Forrest G., assignor.)

Patent Development Company Limited. (See Riches, George H., assignor.)

Patent License Corporation. (See Arenberg, Albert L., assignor.)

Patent and Licensing Corporation, The. (See Eckert, Clarence R., assignor.)

Patent and Licensing Corporation, The. (See Groskopf, Edwin O., assignor.)

Patent and Licensing Corporation, The. (See van Hulst, J., and van Leeuwen, assignors.)

Patent and Licensing Corporation. (See Kirschbraun, Lester, assignor.)

Patent and Licensing Corporation, The. (See MacDonald, Chester R., assignor.)

Patent and Licensing Corporation, The. (See van Hulst, Jan, assignor.)

Patent and Licensing Corporation, The. (See Veazey, Marion H., assignor.)

Patent and Licensing Corporation, The. (See Wright, William R., Jr., assignor.)

Patent Novelty Company. (See Horst, Edward H., assignor.)

Patent Sales, Inc. (See Flint, Hyland C., assignor.)

Patent-Treuhand-Gesellschaft für Elektrische Glühlampen m. b. H. (See Hänlein, Walter, assignor.)

Patent-Treuhand-Gesellschaft für Elektrische Glühlampen m. b. H. (See Meyer, W., and Neldel, assignors.)

Patents Corporation, The. (See Tanner, Robert R., assignor.)

Patents & Royalties Corporation. (See Turney, Harry L., assignor.)

Patentverwertungs-Gesellschaft mit beschränkter Haftung "Hermes". (See Hintze, Rudolf, assignor.)

Pateras Pescara, R., Paris, France. Auto compressor. 2,152,972; Apr. 4.

Pateras Pescara, Raul, Paris, France. Free piston machine. 2,168,829; Aug. 8.

Pateras Pescara, Raul, Paris, France. Free piston engine. 2,178,311; Oct. 31.

Pateras Pescara, Raul, Paris, France, assignor of one-tenth to Société Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A. Cylinder for engines of the opposed piston type. 2,144,706; Jan. 24.

Pateras Pescara, Raul, Paris, France, assignor to Société d'Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A., Geneva, Switzerlond. Thermic plant. 2,162,967; June 20.

Pateras Pescara, Raul, Paris, France, assignor to Société d'Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A., Geneva, Switzerland. Starting means for free piston motor compressors. 2,168,828; Aug. 8.

Pateras Pescara, Raul, Paris, France, assignor of one-tenth to Societe d'Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A., Geneva, Switzerland. Motor compressor. 2,178,310; Oct. 31.

Paterson, David, Lindsay, Ontario, Canada. Brake beam strut. 2,159,100; May 23.

Paterson, John C. (See Baker, G. R., and Paterson.)

Paterson, John C., Peterborough, England, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Feeding dough and like material to sheeting and like machines. 2,159,044; May 23.

Paterson, John C., Peterborough, England, assignor to Baker Perkins Company Inc., Saginaw, Mich. Conveyer. 2,168,419; Aug. 8.

Paterson, John C., Peterborough, England, assignor to Baker Perkins Company Inc., Saginaw, Mich. Endless band conveyer. 2,179,270; Nov. 7.

Paterson Pacific Parchment Company. (See Dodge, Wesley, assignor.)

Paterson Pacific Parchment Co. (See Dodge, Wesley W., assignor.)

Paterson, Thomas W., Aigburth, Liverpool, England. Transmission apparatus. 2,170,930; Aug. 29.

Pathé Cinéma Anciens Etablissements Pathé Freres. (See Cazes, Paul G., assignor.)

Pathé Cinema, Anciens Etablissements Pathé Freres. (See Meyer, Raymond, assignor.)

Patin, Albert, Berlin, Germany. Positional receiver. 2,151,793; Mar. 28.

Patin, Thaddeus, Anaheim, Calif., assignor to Byron Jackson Co. Elevator gate and latch. 2,183,582; Dec. 19.

Patlak, Solomon L. (See Munson, E. S., Patlak, and Riley.)

Patnaude, Henry L. (See Edwards, F. A., and Patnaude.)

Patnode, Winton I., Schenectady, N. Y., assignor to General Electric Company. Resinous body and producing same. 2,181,739; Nov. 28.

Patock, Charles T., et al. (See Busch, Robert W., assignor.)

Paton, Clyde R., assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,142,698; Jan. 3.

Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Internal combustion engine. 2,149,097; Feb. 28.

Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Fuel feeding system for internal combustion engines. 2,151,043; Mar. 21.

Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,152,660; Apr. 4.

Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,152,661; Apr. 4.

Paton, Clyde R., Birmingham, Mich., assignor, by mesne assignments, to R. C. Watson and J. Bailey, Jr., trustees, Washington, D. C. Motor vehicle. 2,153,271; Apr. 4.

Paton, Clyde R., Birmingham, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,175,280; Oct. 10.

Patrick, Joseph C., Morrisville, Pa., assignor to Thiokol Corporation, Yardville, N. J. Condensing organic sulphur compounds. 2,142,144; Jan. 3.

Patrick, Joseph C., Morrisville, Pa., assignor to Thiokol Corporation, Yardville, N. J. Plastics and producing the same. 2,142,145; Jan. 3.

Patrick, Joseph C., Trenton, assignor to Thiokol Corporation, Yardville, N. J. Bonding and coating product. 2,169,814; Aug. 15.

Patrick, Praxeda C. (See Paul, W. L., and Patrick.)

Patrick, R. S. (See Jamar, W. S., and Dodd, assignors.)

Patrick, William E., Silver Spring, Md. Rope clamp. 2,179,516; Nov. 14.

Patrick, Willie M. (See Tindall, J. L., and Patrick.)

Patrignani, Leonida, Bacedasco (Piacenza), Italy, assignor to Edison Calatroni, Paris, France. Compressor unit for refrigeration and other applications. 2,153,773; Apr. 11.

Patrol Valve Company, The. (See Matthews, Birchard L., assignor.)

Patrol Valve Company, The. (See Matthews, B. L., and Marvin, assignors.)

Patt, Leon A., Sanborn, assignor to The Carborundum Company, Niagara Falls, N. Y. Segmental abrasive wheel. 2,177,550; Oct. 24.

Pattee, Corinthia, San Francisco, Calif. Mop. 2,153,023; Apr. 4.

Patten, Leslie A., Mankato, Minn. Salt block for cattle. 2,142,825; Jan. 3.

Patterson Burial Vault Trust, The. (See Patterson, Joseph A., assignor.)

Patterson, Chester J., Lancaster, Pa. Tandem axle for trucks. 2,185,062; Dec. 26.

Patterson, David, East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Pneumatic horn. 2,173,951; Sept. 26.

Patterson, Edgar W., Long Beach, Calif. Compressor unit. 2,148,638; Feb. 28.

Patterson, Edgar W., Long Beach, Calif. Well pump operating mechanism. 2,169,815; Aug. 15.

Patterson, Gordon D. (See Greager, O. H., and Patterson.)

Patterson, Gordon D. (See Sloan, C. K., and Patterson.)

Patterson, Gordon D., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing pigment titanates. 2,166,221; July 18.

Patterson, Harold H., Los Angeles, Calif. Advertising display. 2,145,457; Jan. 31.

Patterson, Howard T., Woonsocket, assignor to A. T. Levy, Harrisville, R. I. Prefabricated building. 2,147,667; Feb. 21.

Patterson, Herbert F., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Power transmission. 2,162,788; June 20.

Patterson, Herbert F., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Braking mechanism. 2,182,386; Dec. 5.

Patterson, Herbert F., St. Clair Shores, assignor to Chrysler Corporation, Detroit, Mich. Motor vehicle power transmission. 2,173,659; Sept. 19.

Patterson, John V., Pittsburgh, Pa. Building unit. 2,155,709; Apr. 25.

Patterson, John V., Pittsburgh, Pa. Nondiluting cooling device. 2,160,165; May 30.

Patterson, Joseph A., assignor to The Patterson Burial Vault Trust, Brave, Pa. Vault. 2,143,207; Jan. 10.

Patterson, Joseph W., assignor to Volume Sprayer Manufacturing Company, Inc., Tulsa, Okla. Sprayer. 2,176,311; Oct. 17.

Patterson Manufacturing Company. (See Patterson, Richard B., assignor.)

Patterson, Mary F., Berkeley, Calif. Color demonstration apparatus. 2,184,125; Dec. 19.

Patterson, Morehead, New York, N. Y., assignor to Durham Duplex Razor Company. Safety razor. 2,168,447; Aug. 8.

Patterson, Philip M., West Roxbury, Mass., assignor to The Torrington Mfg. Co., Torrington, Conn. Coupling device. 2,174,010; Sept. 26.

Patterson, Raymond L., and C. G. Goetzel, assignors to Hardy Metallurgical Company, New York, N. Y. Powder metallurgy. 2,175,850; Oct. 10.

Patterson, Richard B., assignor to Patterson Manufacturing Company, Chicago, Ill. Application machine for insulating material. 2,183,583; Dec. 19.

Patterson, Ward W., Webster Groves, Mo. Advertising sign. 2,181,409; Nov. 28.

Patterson, William N., Detroit, Mich. Suction cleaner. 2,183,150; Dec. 12.

Patterson, William S., Arlington, Mass. Coffee bag, tea bag, and the like. 2,162,272; June 13.

Pattiani, Alois W., Oakland, Calif. Sheet metal covered roof. 2,143,166; Jan. 10.

Pattiani, Alois W., Oakland, Calif. Flat metal-covered roof. 2,169,428; Aug. 15.

Pattilloch, Donald K., Neenah, Wis., assignor to Pattilloch Processes, Inc., Boston, Mass. Paper making process. 2,147,213; Feb. 14.

Pattilloch Processes, Inc. (See Pattilloch, Donald K., assignor.)

Pattison, Paul M., New Castle, Pa. Can crusher. 2,161,931; June 13.

Pattison, Russell A. (See McKechnie, I. C., and Pattison.)

Pattock, Karl, Wolfen, Kreis Bitterfield, and H. Wassenegger, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Treatment of ammoniacal solutions of metal salts for recovering their constituents. 2,184,943; Dec. 26.

Patton, John W., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Dining car construction. 2,183,225; Dec. 12.

Patton, William J., St. Louis, Mo. Roadway guardrail. 2,171,948; Sept. 5.

Patty, Addison W., Springfield, Ohio. Trailer steering mechanism. 2,174,136; Sept. 26.

Patzer, William. (See Tratsch, W. A., and Patzer.)

Patzer, William, and W. A. Tratsch, Chicago, Ill. Coin and slug separating device. 2,158,909; May 16.

Patzl, Ottokar. (See von Radiis, G. R., Patzl, Kuschel, Klanner, and Zabransky.)

Patzschke, Willi. (See Wohlfarth, O., and Patzschke.)

Pauckner, Gustav. (See Hamprecht, G., and Pauckner.)

Paul, Alfred, Jr., Paul Spur, Ariz. Trailer hitch. 2,162,029; June 13.

Paul, Alice O., et al. (See Paul, Leonard B., assignor.)

Paul, David W. F. D., London, C. L. Rees, and G. R. W. Lush, Hastings, England. Pressure fed lubricating system. 2,149,068; Feb. 28.

Paul, Edward B., assignor to J. P. Stacey, Wyoming, Ohio. Coin sorting machine. 2,163,351; June 20.

Paul, Frank V., New York, N. Y. Phonograph record. 2,170,090; Aug. 22.

Paul, George F., Youngstown, Ohio. Method and apparatus for rolling hot strip material. 2,163,699; June 27.

Paul, Gertrude, Jackson Heights, N. Y. Child's feeding bowl. 2,156,351; May 2.

Paul, Hans E. (See Moser, W., and Paul.)

Paul, Julius, assignor of one-half to R. M. Sellwood, Duluth, Minn. Hydraulic pump. 2,143,208; Jan. 10.

Paul, Lawrence A., New York, N. Y. Inkwell. 2,162,920; June 20.
Paul, Leonard B., assignor of one-third to G. A. Lofdahl, one-third to A. O. Paul, and one-third to W. Janke, Joliet, Ill. Support. 2,156,025; Apr. 25.
Paul, Ralph H., Cremorne, Sydney, New South Wales, Australia. Tennis scoring device. 2,168,743; Aug. 8.
Paul, Talbert W. (See Brown, T., and Paul.)
Paul, Thorolf. (See LeFevre, A. W., and Paul.)
Paul, Thorolf. (See Le Fevre, A. W., Paul, and Coxon.)
Paul, Thorolf, assignor to Stewart-Warner Corporation, Chicago, Ill. Electrical speedometer. 2,159,341; May 23.
Paul, Wanda L., and P. C. Patrick, Brooklyn, N. Y. Undergarment shield. 2,144,728; Jan. 24.
Paules, Lemon B. (See Young, W. M., and Paules.)
Pauli, Knut M., Saltsjobaden, Sweden. Index mechanism for the steering wheels of carriages. 2,175,637; Oct. 10.
Paulin, Josua G., Nockeby, Sweden. Perpetual date calendar. 2,146,981; Feb. 14.
Pauling, Harry, Berlin, Germany. Production of alkali metal nitrates. 2,147,988; Feb. 21.
Paull, Ambrose D., assignor to Wheeling Stamping Company, Wheeling, W. Va. Apparatus for measuring charges of powdered and granular materials. 2,161,190; June 6.
Paullin, Edward M., Jr., Buffalo, assignor to Worthington Pump and Machinery Corporation, New York, N. Y. Variable capacity compressor. 2,167,369; July 25.
Paullin, Edward M., Jr., Buffalo, N. Y., assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Variable capacity compressor. 2,181,978; Dec. 5.
Pauls Fish Net Company. (See Pauls, Peter T., assignor.)
Pauls, Peter T., assignor to Pauls Fish Net Company Chicago, Ill. Netting construction. 2,162,115; June 13.
Paulsboro Manufacturing Company. (See Baldwin, Julian T., assignor.)
Paulsen, Thomas R., assignor to Bucyrus-Erie Company, South Milwaukee, Wis. Wheeled scraper. Re. 21,170; Aug. 1.
Paulsen, Thomas R., and H. C. Beitzel, assignors to Bucyrus-Erie Company, South Milwaukee, Wis. Wheeled scraper. 2,159,045; May 23.
Paulson, Christian, Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Measuring apparatus. 2,150,398; Mar. 14.
Paulson, Christian, Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical testing apparatus. 2,153,989; Apr. 11.
Paulson, Christian, Elmhurst, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Electrical testing apparatus. 2,153,990; Apr. 11.
Paulus, Charles L. (See Perrine, L. E., and Paulus.)
Paulus, Charles L., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,155,351; Apr. 18.
Paulus, William, assignor to Trico Products Corporation, Buffalo, N. Y. Windshield wiper. 2,179,454; Nov. 7.
Pauly, Remigius, and E. Osterberg, Chicago, Ill. Dishwashing machine. 2,155,868; Apr. 25.
Pauser, Karl. (See Jochum, K., Geier, and Pauser.)
Pausin, Hugo R., Maplewood, N. J. Loudspeaker. 2,160,166; May 30.
Pauwels, Leo R. (See Moody, F. S., and Pauwels.)
Pavelka, Frank E., San Antonio, Tex. Variable motion transmitter. 2,172,518; Sept. 12.
Pavelka, Friedrich, Klosterneuburg, near Vienna, assignor to Radiowerk E. Schrack A. G., Vienna, Austria. Aluminum body and making same. 2,168,134; Aug. 1.
Pavelka, Friedrich, Klosterneuburg, near Vienna, assignor to Radiowerk E. Schrack Aktiengesellschaft, Vienna, Austria. Electrolytic condenser. 2,168,135; Aug. 1.
Pavenick, Abraham, New York, N. Y. Hand mirror. 2,142,205; Jan. 3.
Paver, John M., New York, N. Y. Road strip. 2,163,960; June 27.
Pavesi, Ugo, deceased, Milan, Italy; M. Ramognino (late Pavesi), administratrix. Change-speed device. 2,151,714; Mar. 28.
Pavitt, Harry A., Lockport, N. Y., assignor to Simonds Saw and Steel Co., Fitchburg, Mass. Hack saw steel. 2,158,036; May 9.
Pavitt, William H., Bronxville, assignor to A. J. Wilputte, New Rochelle, N. Y. Underfired regenerative coke oven. 2,155,954; Apr. 25.
Pavlecka, Vladimir H. (See Atwood, J. L., and Pavlecka.)
Pavlecka, Vladimir H., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Internal hexagonal stop nut and making same. 2,148,959; Feb. 28.
Pavlish, Arnold E., and J. D. Sullivan, assignors to Battelle Memorial Institute, Columbus, Ohio. Coating copper or its alloys with tin. 2,159,510; May 23.
Pawelek, Anthony, Houston, Tex. Nasal insert. 2,151,227; Mar. 21.
Pawlek, Franz. (See Dahl, O., and Pawlek.)
Pawsat, Ewald F., assignor to Wald Mfg. Co., Inc., Maysville, Ky. Bicycle basket mounting. 2,168,916; Aug. 8.
Pawsat, Ewald F., assignor to Wald Mfg. Co., Inc., Maysville, Ky. Carrier and mounting therefor. 2,183,822; Dec. 19.
Pawsat, Reuben, assignor to Wald Mfg. Co., Inc., Maysville, Ky. Reflector mounting for bicycle axles. 2,151,485; Mar. 21.
Pawsey, Joseph L. (See Cork, E. C., and Pawsey.)
Paxton, Gerald C. (See Paxton, Hale and G. C.)
Paxton, Gerald C. (See Paxton, Hale and G. C., and Benson.)
Paxton, Gerald C., Santa Ana, assignor to Food Machinery Corporation, San Jose, Calif. Nail feeding mechanism. 2,161,973; June 13.
Paxton, Hale, Santa Ana, Calif., assignor, by mesne assignments, to Food Machinery Corporation. Method of and apparatus for removing excess surface water from fresh fruit. 2,145,495; Jan. 31.
Paxton, Hale, Santa Ana, assignor to Food Machinery Corporation, San Jose, Calif. Nail feeding mechanism. 2,175,482; Oct. 10.
Paxton, Hale and G. C., Santa Ana, Calif., assignors, by mesne assignments, to Food Machinery Corporation. Method of and apparatus for removing free water adhering to the outer surfaces of whole fresh fruit. 2,159,046; May 23.
Paxton, Hale and G. C., Santa Ana, assignors to Food Machinery Corporation, San Jose, Calif. Method of and apparatus for removing surface moisture from rollable fresh whole fruit. 2,159,047; May 23.
Paxton, Hale and G. C., and H. D. Benson, Santa Ana, Calif., assignors to Acme Steel Company, Chicago, Ill. Automatic lid strapping machine. 2,177,075; Oct. 24.
Payes, Helen, Brooklyn, N. Y. Safety pine for shoulder straps. 2,172,963; Sept. 12.
Payette, Joseph A., assignor, by mesne assignments, to Metals & Controls Corporation, Attleboro, Mass. Laminated contact. 2,181,083; Nov. 21.
Payn, Charles W., Strathfield, near Sydney, Australia, assignor to Bailey Meter Company. Combustion efficiency method and apparatus. 2,143,820; Jan. 10.
Payn, Russell C. (See Fleming, J. S. B., and Payn.)
Payne, Carman G., Olathe, Kans., assignor of one-half to F. L. Carswell, Kansas City, Mo. Water check for drainage ditches. 2,157,671; May 9.
Payne, Charles A., assignor to Newman Machine Co., Brockton, Mass. Apparatus for use in repairing commutators. 2,170,389; Aug. 22.
Payne, Clarence Q., Stamford, Conn. Wet magnetic separation. 2,156,125; Apr. 25.
Payne, Claron R., Allentown, and G. L. Wirtz, Monterey, assignors to The Atlas Mineral Products Company, Mertztown, Pa. Pipe joint. 2,156,604; May 2.
Payne, Frank E., Glencoe, assignor to Crane Packing Company, Chicago, Ill. Hose clamp. 2,147,127; Feb. 14.
Payne, Frank E., Glencoe, assignor to Crane Packing Company, Chicago, Ill. Plastic packing with reinforced back. 2,173,744; Sept. 19.
Payne, John H., Ballston Spa, N. Y., assignor to General Electric Company. Container for hydrogen-filled electrical devices. 2,175,306; Oct. 10.
Payne, John H., Ballston Spa, N. Y., assignor to General Electric Company. Fabricating sealed containers. 2,177,498; Oct. 24.
Payne, Lambert M., Detroit, Mich. Vehicle ventilating and heating structure. 2,146,845; Feb. 14.
Payne, Marshall M., and H. L. Sifford, Kannapolis, N. C., assignors to Pioneer Atlanta Company, Incorporated, Atlanta, Ga. Heddle bar frame. 2,154,351; Apr. 11.
Payne, Mathew, Rochelle Park, N. J. Syringe. 2,169,371; Aug. 15.
Payne, Matt, deceased, Surbiton; F. Parmenter, executor, Kingston-on-Thames, England. Thermostat. 2,144,576; Jan. 17.
Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Dobby knife guide. 2,167,052; July 25.
Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Motor driven let-off. 2,169,326; Aug. 15.
Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Picking motion for looms. 2,179,347; Nov. 7.
Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle check for looms. 2,184,058; Dec. 19.
Payne, Oscar V., Leicester, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Let-off for looms. 2,184,059; Dec. 19.
Payne, Rufus C., Chicago, Ill. Engine packing. 2,156,227; Apr. 25.
Payne, Walter B., assignor to The Todd Company, Inc., Rochester, N. Y. Paper feeding mechanism. 2,144,930; Jan. 24.
Payne, Walter B., assignor to The Todd Company, Inc., Rochester, N. Y. Keyboard construction. 2,176,640; Oct. 17.
Payne, William H., La Grange, Ill. Clamping mechanism for electric arc furnace electrodes. 2,148,834; Feb. 28.
Paynter, Alfred J. (See Passek, George C., assignor.)
Payson, Arthur H., and C. O. Duevel, Jr., assignors to The American Thermos Bottle Company, Norwich, Conn. Vacuum bottle and support therefor. 2,163,056; June 20.

Payson, Arthur H., and C. O. Duevel, Jr., assignors to The American Thermos Bottle Company, Norwich, Conn. Vessel for mixing and cooling liquids. 2,163,057; June 20.
Payson, Arthur H., and C. O. Duevel, Jr., assignors to The American Thermos Bottle Company, Norwich, Conn. Wall bracket for bottles. 2,170,063; Aug. 22.
Payson, Arthur H., and C. O. Duevel, Jr., assignors to The American Thermos Bottle Company, Norwich, Conn. Vacuum vessel. 2,176,012; Oct. 10.
Payson, Buford L., Tacoma, Wash. Boat trailer apparatus. 2,171,889; Sept. 5.
Payson, Howard L., Quincy, Mass. Combination toilet article. 2,168,804; Aug. 8.
Payson, Peter, New York, N. Y., L. S. Bergen, Great Neck, N. Y., and W. L. Hodapp, East Orange, N. J., assignors to Crucible Steel Company of America, New York, N. Y. Chrome steel alloy valve element. 2,163,561; June 20.
Payson, Rudolph, Flushing, N. Y. Telescopic hoisting apparatus. 2,147,313; Feb. 14.
Payton, James Y., Los Angeles, Calif. Signaling device for typewriters. 2,168,070; Aug. 1.
Peacock, Charles T., Arriba, Colo. Ridge busting device for farm tractors. 2,164,543; July 4.
Peacock, Roger B., Knebworth, England, assignor to Imperial Chemical Industries Limited. Electrical apparatus. 2,160,708; May 30.
Peake, Frederick W., Kansas City, Mo. Illuminating tooth brush cabinet. 2,180,213; Nov. 14.
Peale-Davis Company. (See Peale, Rembrandt, Jr., assignor.)
Peale-Davis Company. (See Peale, Richard, assignor.)
Peale, Rembrandt, Jr., Clearfield, Pa., assignor, by mesne assignments, to Peale-Davis Company, Wilmington, Del. Process and mechanism for separating intermixed divided materials. 2,147,822; Feb. 21.
Peale, Richard, et al., trustees. (See Davis, Kenneth, assignor.)
Peale, Richard, St. Benedict, Pa., assignor, by mesne assignments, to Peale-Davis Company, Wilmington, Del. Method and mechanism for separating intermixed divided materials. 2,150,103; Mar. 7.
Pealer, Robert B., assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Portable stand. 2,178,605; Nov. 7.
Pearce, Arthur G. (See Breadner, R. L., and Pearce.)
Pearce, Cullen T., Ridley Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Load control system. 2,175,851; Oct. 10.
Pearce, Edwin S., assignor to Railway Service & Supply Corporation, Indianapolis, Ind. Journal bearing. 2,154,916; Apr. 18.
Pearce, George C., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,169,989; Aug. 15.
Pearce, John W. B., Toledo, Ohio. Universal joint. 2,171,313; Aug. 29.
Pearce, Lewis C., Cleveland, Ohio, assignor, by mesne assignments, to W. C. Labombarde, Nashua, N. H. Machine for and method of applying transparent windows to envelope blanks. 2,169,978; Aug. 15.
Pearce, Owen A., Barnston, England, assignor to Associated Telephone & Telegraph Company, Chicago, Ill. Telephone system. 2,180,963; Nov. 21.
Pearce, Philip H. (See Dunning, E. W. B., and Pearce.)
Pearce, William L. (See Church, Walter L., assignor.)
Pearce, William L., Houston, Tex. Drill. 2,176,358; Oct. 17.
Pearl, Harold C., assignor to American Tissue Mills, Holyoke, Mass. Display apparatus. 2,148,172; Feb. 21.
Pearlman, Joseph H., Des Moines, Iowa. Device for increasing effectiveness of neon signs. 2,182,233; Dec. 5.
Pearlman, Martin M., assignor to Superior Zinc Corporation, Philadelphia, Pa. Producing high grade zinc oxide. 2,147,379; Feb. 14.
Pearlman, William, et al. (See Conger, Earnest J., assignor.)
Pearlstein, Nathan, Boston, Mass. Ophthalmic mounting. 2,143,633; Jan. 10.
Pearsall, Albert E., Vancouver, British Columbia, Canada. Two-revolution cylinder printing press. Re. 21,300; Dec. 12.
Pearse, Hubert A. (See Munro, A. C., and Pearse.)
Pearson, Ben, assignor to Ben Pearson, Inc., Pine Bluff, Ark. Arrowhead construction. 2,182,320; Dec. 5.
Pearson, Ben, Inc. (See Pearson, Ben, assignor.)
Pearson, Carl O., and C. L. Sherwood, Pontiac, Mich. Electrical connector. 2,160,440; May 30.
Pearson, Carl E., Richmond Hill, N. Y. Marine toilet. 2,172,292; Sept. 5.
Pearson, Charles L., Buffalo, and R. L. Richardson, Eden, N. Y. Camp stove or the like. 2,164,835; July 4.
Peck, Elwell J., Indianapolis, Ind. Electric heater. 2,175,307; Oct. 10.
Pearson, Eric G., Roselle, N. J. Fountain pen. 2,184,432; Dec. 26.
Pearson, Frank C., Flint, assignor to General Motors Corporation, Detroit, Mich. Wheel bolt. 2,155,869; Apr. 25.
Pearson, George. (See Gates, A. O., and O. H. and G. Pearson.)
Pearson, George F., Salt Lake City, Utah. Screw starter. 2,150,184; Mar. 14.
Pearson, Gerald L., Towaco, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Resistor and making it. 2,184,847; Dec. 26.
Pearson, Glenn O., Omaha, Nebr. Attachable sleeve for shirts. 2,147,054; Feb. 14.
Pearson, Gustav C., Denver, Colo., assignor to Gardner-Denver Company, Quincy, Ill. Quarry drill frame. 2,152,150; Mar. 28.
Pearson, Gustav C., Denver, Colo., assignor to Gardner-Denver Company, Quincy, Ill. Shank and bit punch. 2,162,667; June 13.
Pearson, John L. (See Nonhebel, G., and Pearson.)
Pearson, John L., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Annealing process. 2,146,760; Feb. 14.
Pearson, John L., Norton-on-Tees, England, assignor to Imperial Chemical Industries, Limited. Apparatus for decomposing ammonia. 2,161,746; June 6.
Pearson, John M., Swarthmore, assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Core orientation apparatus. 2,149,715; Mar. 7.
Pearson, John M., Swarthmore, assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Method and apparatus for calibrating magnetometers. 2,149,717; Mar. 7.
Pearson, John M., Swarthmore, assignor to Sun Oil Company, Philadelphia, Pa. Electrical measuring method and means. 2,160,671; May 30.
Pearson, Otto H. (See Gates, A. O., and O. H. and G. Pearson.)
Pearson, Paul A., Seattle, assignor to The Foss Launch and Tug Company, Tacoma, Wash. Log raft and log rafting mechanism. 2,173,724; Sept. 19.
Pearson, Paul E., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Fish-cutting machine. 2,150,128; Mar. 7.
Pearson, Paul E., Chicago, Ill., assignor to Continental Can Company Inc., New York, N. Y. Side seam for sheet metal can bodies. 2,156,026; Apr. 25.
Pearson, Paul E., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Method and apparatus for lining crown caps. 2,171,258; Aug. 29.
Pearson, Paul E., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Easy opening can. 2,181,339; Nov. 28.
Pearson Sanding Machine Company. (See Jones, Charles, assignor.)
Pearson, Thomas F., Pontefract, England, assignor to Crown Cork & Seal Company, Inc., New York, N. Y. Lehr stacker. 2,154,992; Apr. 18.
Pearson, Thomas F., Pontefract, England, assignor to Crown Cork & Seal Company, Inc., New York, N. Y. Forming machine for glass bottles, jars, and the like. 2,163,103; June 20.
Pearson, Thomas F., Pontefract, England, assignor to Crown Cork & Seal Company, Inc., New York, N. Y. Skimming device for glass tanks or furnaces. 2,169,429; Aug. 15.
Pearson, Thomas F., Pontefract, England, assignor to Crown Cork & Seal Company, Inc., New York, N. Y. Apparatus for feeding molten glass. 2,171,096; Aug. 29.
Pearson, Thomas F., Pontefract, England, assignor to Crown Cork & Seal, Company, Inc., New York, N. Y. Forming machine for glassware. 2,180,766; Nov. 21.
Pearson, Thomas F., Pontefract, England, assignor to Crown Cork & Seal Company, Inc., New York, N. Y. Skimming device for glass tanks or furnaces. 2,180,767; Nov. 21.
Pearson, Victor E., Buffalo, N. Y. Fishing reel. 2,163,914; June 27.
Pearson, William S., assignor to Peerco, Inc., Park Ridge, Ill. Display device. 2,150,748; Mar. 14.
Pease, Anthony Equipment Company. (See Anthony, Alfred W., Jr., assignor.)
Pease, C. F., Company, The. (See Brunk, Harold J., assignor.)
Pease, Earl E., Mount Prospect, assignor to Battery Patents Corporation, Chicago, Ill. Bicycle frame or the like. 2,178,939; Nov. 7.
Pease, Wendel, Chicago, Ill. Latch. 2,153,206; Apr. 4.
Pechar, Rudolph, West View, Pa. Mounting for gun sights. 2,143,167; Jan. 10.
Pecheur Lozenge Company. (See McDonald, William J., assignor.)
Pechstein, Walter, assignor to the firm Aug. Klönne, Dortmund, Germany. Spherical container for storing fluids, such as gas and liquids. 2,156,400; May 2.
Pechy, William, Elizabeth, N. J., assignor to American Can Company, New York, N. Y. Mechanism for synchronizing tandem machines. 2,167,676; Aug. 1.
Peck, Cortez E., Beaumont, Tex. Mechanical fish-luring device. 2,171,372; Aug. 29.
Peck, Edward B., Elizabeth, N. J., assignor to Standard Oil Development Company. Controlling exothermic reactions. 2,161,974; June 13.
Peck, Louis E., assignor to Thomas Machine Manufacturing Company, Pittsburgh, Pa. Press. 2,169,614; Aug. 15.
Peck, Robert E., assignor of nine-twentieths to W. Burchenal, and one-twentieth to M. Lippincott, Cincinnati, Ohio. Conduit construction. 2,180,644; Nov. 21.
Peck, Samuel M., New York, N. Y. Lipstick and cigarette holder. 2,173,694; Sept. 19.
Peck, William C., Washington, D. C. Shock absorber. 2,148,497; Feb. 28.

Peckat, Charles, River Forest, Ill. Awning for automobiles. 2,180,909; Nov. 21.
Pecker, Joseph S., Philadelphia, Pa. Felt treating machine. 2,169,372; Aug. 15.
Pecker, Joseph S., Philadelphia, Pa., assignor, by mesne assignments, to Autogiro Company of America. Aircraft with rotative wings. 2,150,129; Mar. 7.
Peckham, Arthur C., Watertown, N. Y. Separator for adjusting the human vertebrae. 2,160,709; May 30.
Peckham, Josiah F., assignor of one-half to H. Latham, Providence, R. I. Can top. 2,149,308; Mar. 7.
Peck-O-Fun Co. (See Fay, Joseph W., assignor.)
Peco Manufacturing Corporation. (See Errig, William F., assignor.)
Peco Manufacturing Corporation. (See Errig, W. F., and De Hart, assignors.)
Peco Manufacturing Corporation. (See Janowski, Henry M., assignor.)
Peddle, William A., Superior, Wis., assignor, by mesne assignments, to The American Brake Shoe and Foundry Company, New York, N. Y. Track point lock for railways. 2,174,352; Sept. 26.
Pedersen, Bjarne, West New York, N. J. Electrical indicator and control means for impurities in solution. 2,183,584; Dec. 19.
Pedersen, Charles J. (See Downing, F. B., and Pedersen.)
Pedersen, Eli. (See Schultz, W. J., and Pedersen.)
Pedersen, Florian, B., Alameda, Calif. Slicer. 2,149,981; Mar. 7.
Pedersen, Ingvald O., Pittsburgh, and C. P. Byrnes, assignors to C. P. Byrnes, Sewickley, Pa. Sheet glass and apparatus and method for manufacture thereof. 2,167,905; Aug. 1.
Pedersen, Julius, Bridgeport, Conn. Shelf reacher. 2,181,520; Nov. 28.
Pederson, Myron K., Albert Lea, Minn. Building frame construction. 2,169,474; Aug. 15.
Pedersen, Tage V., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Speed control system for internal combustion engines. 2,143,168; Jan. 10.
Pedrazzo, Emil R., West New York, N. J., assignor to Magic Automatic Loom Co., New York, N. Y. Loom. 2,168,420; Aug. 8.
Pedrick, Irenee P., assignor to William Sellers & Company, Incorporated, Philadelphia, Pa. Method and apparatus for washing. 2,176,682; Oct. 17.
Pedro, Philip J., Shreveport, La. Wheel. 2,145,525; Jan. 31.
Peebles, David D., Eureka, Calif. Extracting carotinoids. 2,170,872; Aug. 29.
Peebles, David D., Eureka, Calif., assignor, by mesne assignments, to Golden State Company, Ltd. Desiccating method. 2,184,314; Dec. 26.
Peebles, David D., Eureka, and P. D. V. Manning, Berkeley Woods, Calif. Evaporating apparatus and method. 2,168,362; Aug. 8.
Peebles, David D., San Francisco, and P. D. V. Manning, Berkeley Woods, assignors to Western Condensing Company, San Francisco, Calif. Manufacturing a noncaking dried whey powder. 2,181,146; Nov. 28.
Peebles, Joseph B. (See Brown, D., Peebles, and Burchfiel.)
Peebles, Joseph B., Los Angeles, Calif. Roof construction and roofing element therefor. 2,151,794; Mar. 28.
Peek, J. Eldon. (See Kerr, Ralph L., assignor.)
Peek, Johannes. (See Telegen, B. D. H., Peek, Hepp, and Henriquez.)
Peek, Johannes J. A., and T. S. Skillman, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Carrier wave telephone system. 2,181,457; Nov. 28.
Peek, Robert L., Jr., Townley, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,162,356; June 13.
Peek, Robert L., Jr., Townley, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Coin collector apparatus. 2,166,639; July 18.
Peek, Robert L., Jr., Townley, N. J., assignor to Bell Telephone, Laboratories, Incorporated, New York, N. Y. Relay. 2,169,740; Aug. 15.
Peek, Robert L., Jr., Townley, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,174,592; Oct. 3.
Peel, Frederick W., London, England, assignor to Rubatex Products, Inc., New York, N. Y. Manufacturing expanded rubber. 2,158,083; May 16.
Peelle Company, The. (See Bancroft, James E., assignor.)
Peerco, Inc. (See Pearson, William S., assignor.)
Peereboom, Simon P., Rockville Centre, N. Y. Snow plow. 2,162,635; June 13.
Peerless Cement Corporation. (See Eichenlaub, Adelbert C., assignor.)
Peerless Machine Company. (See Jensen, O. M., Whitley, and Wruk, assignors.)
Peerless Manufacturing Corporation. (See Clark, Verdrie F., assignor.)
Peerless Novelty Company. (See Sovis, Milo, assignor.)
Peerless Roll Leaf Co. (See Grupe, William F., assignor.)
Peet, Gerald D., Montclair, assignor to Wallace & Tiernan Company, Inc., Belleville, N. J. Gas supply apparatus. 2,158,985; May 16.
Peet, Gerald D., Montclair, assignor to Novadel-Agene Corporation, Belleville, N. J. Hand truck. 2,181,438; Nov. 28.
Peet, Gerald D., Montclair, assignor to Novadel-Agene Corporation, Belleville, N. J. Keg. 2,183,505; Dec. 12.
Peetz, Eugen. (See Paschke, M., and Peetz.)
Peff, Peter, West Orange, N. J. Heat exchange apparatus for rectifying columns. 2,160,898; June 6.
Peff, Peter, West Orange, N. J. Rectifying apparatus. 2,175,360; Oct. 10.
Pegg, Edward H. R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrostatic precipitator. 2,181,147; Nov. 28.
Peiker, Alfred L. (See Crossley, M. L., Kienle, and Peiker.)
Peiler, Karl E., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Method and apparatus for feeding molten glass. 2,175,407; Oct. 10.
Peirce, Charles L., Jr., Pittsburgh, Pa., assignor of one-half to Hubbard and Company. Solderless connector. 2,148,960; Feb. 28.
Peirce, Daniel N., Bethayres, Pa., assignor to Fox Products Company. Electrical egg cooker, bottle sterilizer, and the like. 2,146,511; Feb. 7.
Peirce, Daniel N., Bethayres, Pa., assignor to Fox Products Company. Bottle sterilizer. 2,162,228; June 13.
Peirce, John R., deceased, New York, by A. C. Maby, Jamaica, and T. A. Gavin, Queens Village, executors, assignors, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Calculating machine. 2,172,071; Sept. 5.
Peirce, John R., deceased, New York, by A. C. Maby, Jamaica, and T. A. Gavin, Binghamton, executors, assignors to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,182,001; Dec. 5.
Peirce, Ralph S., Hinsdale, Ill. Anchoring for concrete or the like. 2,158,302; May 16.
Peirson, Harold T., Brooklyn, N. Y. Insect trap. 2,177,670; Oct. 31.
Peiserich, Frederick P., Bettendorf, and C. F. Bielenberg, Davenport, assignors to Micro-Westco, Inc., Bettendorf, Iowa. Refrigeration control. 2,185,107; Dec. 26.
Pekalski, Stanley, and J. Bennis, Greenfield, Mass. Game apparatus. 2,180,478; Nov. 21.
Peles, Julius S., New York, N. Y. Birdproofing. 2,142,371; Jan. 3.
Pelikan, John M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,162,859; June 20.
Pelikan, John M., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,176,611; Oct. 17.
Pelikan, John M., Greentree, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,167,993; Aug. 1.
Pelikan, John M., Crafton, assignor to The Union Switch & Signal Company, Swissvale, Pa. Signaling apparatus. 2,168,805; Aug. 8.
Pellar, Sidney H., Chicago, Ill. Material-treating machine. 2,149,927; Mar. 7.
Pellar, Sidney H., Chicago, Ill. Conveyer. 2,153,098; Apr. 4.
Pellar, Sidney H., Chicago, Ill. Pie making machine. 2,158,910; May 16.
Pellar, Sidney H., Chicago, Ill. Pie plate. 2,158,911; May 16.
Pelle, Stephen, New York, N. Y. Keyless locking mechanism. 2,165,674; July 11.
Pellegrini, Dominick, New York, N. Y. Denture cleaning device. Re. 21,069; May 2.
Pellerano, Silvio, Brooklyn, N. Y. Plastic compound. 2,174,164; Sept. 26.
Pellet, August V., Chicago, Ill. Magneto attachment. 2,180,546; Nov. 21.
Pellischek, Paul. (See Klima, R., and Pellischek.)
Pellow, Arthur, assignor to American Optical Company, Southbridge, Mass. Multifocal lens and making the same. 2,163,130; June 20.
Peloquin, Edward, Elizabeth City, N. C., assignor to Scott & Williams, Incorporated, New York, N. Y. Clamp and cutter means for reinforcing yarns. 2,184,503; Dec. 26.
Pelosi, Nicholas, Newark, N. J., assignor to American Can Company, New York, N. Y. Control mechanism. 2,179,517; Nov. 14.
Pelot, Frank, Port Edwards, and R. Gotz, Nekoosa, Wis., assignors to Carthage Machine Company, Carthage, N. Y. Wood chipping machine. 2,172,449; Sept. 12.
Pelot, Frank, Port Edwards, and R. Gotz, Nekoosa, Wis., assignors to Carthage Machine Company, Carthage, N. Y. Wood chipper. 2,174,593; Oct. 3.
Pelouch, James J. (See Schultz, P. I., and Pelouch.)
Pelphrey, Harry, Detroit, Mich. Adjustable worm element. 2,165,761; July 11.
Pelphrey, Harry, Detroit, Mich., assignor to Michigan Tool Company. Hob and method of manufacture. 2,142,285; Jan. 3.
Peltier, William J., assignor of one-third to Merchant & Merchant, Minneapolis, Minn. Method of and apparatus for controlled air conditioning. 2,171,147; Aug. 29.
Pelton, George E., Middleburg, Va. Ink fountain typing machine. 2,158,944; May 16.
Pelton Water Wheel Company, The. (See Quick, Ray S., assignor.)

Pelton Water Wheel Company, The. (See Quick, R. S., and Buehle, assignors.)
Pelton Water Wheel Company, The. (See Quick, R. S., Karnasch, and Breed, assignors.)
Peltz, Gordon M., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Shear pin drive for stokers. 2,144,269; Jan. 17.
Peltz, Gordon M., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Grate for underfeed stokers. 2,171,862; Sept. 5.
Peltz, Gordon M., Lancaster, Pa., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control. 2,149,542; Mar. 7.
Peltz, Gordon M., Lancaster, assignor to H. M. Brooks, New York, N. Y., W. T. Gardiner, Boston, Mass., and J. H. Nissley, Manheim, Pa., as trustees. Ash disposal means. 2,182,093; Dec. 5.
Peltz, Gordon M., Elmhurst, New York, N. Y., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control. 2,162,116; June 13.
Pelz, Alfred E. (See Lybarger, S. F., and Pelz.)
Pelzer, Harry L., Houston, Tex., assignor to Sinclair Refining Company, New York, N. Y. Cracking hydrocarbons. 2,165,725; July 11.
Pendell, Lewis E., Almira, Wash. Subsoiler. 2,163,805; June 27.
Pender, Lloyd G., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Snap fastener member. 2,152,603; Mar. 28.
Pender, Lloyd G., Detroit, Mich., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Double snap fastener and installation thereof. 2,175,814; Oct. 10.
Pender, Lorenzo D., assignor to R. M. Pender, Raleigh, N. C. Distributor for fertilizer, lime, or the like. 2,158,479; May 16.
Pender, Lorenzo D., assignor to R. M. Pender, Raleigh, N. C. Garbage disposal device. 2,177,328; Oct. 24.
Pender, Ruth M. (See Pender, Lorenzo D., assignor.)
Pendry, Rex M., Hartford, Iowa. Mouse trap. 2,163,961; June 27.
Pengilly, Lewis, Loma Mar, Calif. Cigarette lighter. 2,177,188; Oct. 24.
Penglase, Joseph, Rogers City, Mich. Power excavator. 2,173,341; Sept. 19.
Penick, Arthur J. (See Penick, Kirby T. and A. J.)
Penick, Arthur J. and K. T., Houston, Tex. Combination well head and hanger. 2,144,227; Jan. 17.
Penick, Arthur J. and K. T., Houston, Tex. Control valve mechanism for well heads. 2,144,228; Jan. 17.
Penick, Arthur J. and K. T., Houston, Tex. Blow-out preventer. 2,145,458; Jan. 31.
Penick, Arthur J. and K. T., Houston, Tex. Combination tubing head and blowout preventer. 2,154,408; Apr. 11.
Penick, Arthur J. and K. T., Houston, Tex. Blow-out preventer. 2,155,837; Apr. 25.
Penick, Arthur J. and K. T., Houston, Tex. Blowout preventer. 2,165,410; July 11.
Penick, Arthur J. and K. T., and R. F. Davis, Houston, Tex.; said Davis assignor to A. J. and K. T. Penick. Suction line connection for slush pumps. 2,166,836; July 18.
Penick, Arthur J. and K. T., Houston, Tex. Combination well head and hanger. 2,176,359; Oct. 17.
Penick, Arthur J. and K. T., Houston, Tex. Tubing head. 2,178,698; Nov. 7.
Penick, Arthur J. and K. T., Houston, Tex. Well head. 2,178,699; Nov. 7.
Penick, Arthur J. and K. T., Houston, Tex. Tubing head. 2,178,700; Nov. 7.
Penick, Kirby T. (See Penick, Arthur J. and K. T.)
Penick, Kirby T. (See Penick, Arthur J. and K. T., and Davis, assignors.)
Penick, Kirby T. and A. J., Houston, Tex. Combined tubing head and braden head. 2,157,496; May 9.
Peninsular Grinding Wheel Co. (See Beebe, Alan P., assignor.)
Peninsular Metal Products Corporation. (See Goin, George R., assignor.)
Peninsular Metal Products Corporation. (See Shaughnessy, Harry G., assignor.)
Penkala, Emil, assignor of one-half to Metal Trim Limited, London, England. Producing profiled sections from sheet metal by rolling. 2,145,526; Jan. 31.
Penkala, Emil, assignor to Metal Trim Limited, London, England. Production of profiled sections from sheet metal by rolling. 2,146,223; Feb. 7.
Penkala, Emil, assignor to Metal Trim Limited, London, England. Rollers for use in producing profiled sections from sheet metal. 2,159,290; May 23.
Penkala, Emil, assignor to Metal Trim Limited, London, England. Production of profiled sections from sheet metal by rolling. 2,164,836; July 4.
Penman, Montgomery B., assignor to Magee Carpet Company, Bloomsburg, Pa. Yarn swift. 2,170,764; Aug. 22.
Penn Electric Switch Co. (See Shaw, Burton E., assignor.)
Penn, Frederic H., Dallas, Tex. Method and composition for improving milling products. 2,158,588; May 16.
Penn, Frederic H., Dallas, Tex. Method and composition for improving milling products. 2,158,589; May 16.
Pennebaker, Robert H., Memphis, Tenn. Oil filtering medium and preparing the same. 2,173,978; Sept. 26.
Pennel, Jean, Roubaix, and J. Flipo, Croix, France. Sponge rubber coated fabric and manufacturing the same. 2,163,289; June 20.
Pennell, Philip H., Manheim Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Coating webs. 2,179,562; Nov. 14.
Penney, Gaylord W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Wire drawing machinery. 2,179,348; Nov. 7.
Penney, Gaylord W., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrostatic precipitator. 2,181,767; Nov. 28.
Penney, Harold D., Pelham, and W. Weis, Mount Vernon, N. Y. Luminescent tube. 2,184,530; Dec. 26.
Pennie, Albert E., et al. (See Reenstierna, Gustaf L., assignor.)
Penniman, William B. D., Baltimore, Md. Oil retainer. 2,157,626; May 9.
Penniman, William B. D., Baltimore, Md., assignor to Ellis-Foster Company. Continuous method of cracking hydrocarbon oil. 2,176,655; Oct. 17.
Penning, Frans M. (See Teves, M. C., and Penning.)
Penning, Frans M., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Coating by cathode disintegration. 2,146,025; Feb. 7.
Penning, Frans M., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Rectifying device. 2,182,736; Dec. 5.
Pennington, Harry. (See Frenzel, Wilbur G., assignor.)
Pennington, Harry, San Antonio, Tex. Retrieving core barrel. 2,145,191; Jan. 24.
Pennington, Harry, San Antonio, Tex. Tube catcher sub. 2,145,192; Jan. 24.
Pennington, Stephen G., Oklahoma City, Okla., assignor to L. Darley, Jackson, Miss. Reversible hour glass indicator. 2,149,404; Mar. 7.
Pennock, Edward McM. (See Hale, L., Pennock, and Price.)
Pennock, Paul A., Jamestown, N. Y. Vehicle signaling mechanism. 2,168,492; Aug. 8.
Pennow, Willis A., Lakewood, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Light-sensitive relay control system. 2,179,349; Nov. 7.
Pennow, Willis A., Cleveland, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Runway marker light. 2,184,004; Dec. 19.
Pennsylvania Coal Products Company. (See Burroughs, Samuel G., assignor.)
Pennsylvania Coal Products Co., The. (See Fisher, Charles A., assignor.)
Pennsylvania Crusher Company. (See Battey, William A., assignor.)
Pennsylvania Crusher Company. (See Campbell, Herbert F., assignor.)
Pennsylvania Crusher Company. (See Hartshorn, Stanley D., assignor.)
Pennsylvania Engineering Works. (See McFeaters, Harry L., assignor.)
Pennsylvania Furnace & Iron Co. (See Andersen, Christian S., assignor.)
Pennsylvania Furnace and Iron Company. (See De Frees, Joseph H., assignor.)
Pennsylvania Industrial Chemical Corporation. (See Burroughs, Samuel G., assignor.)
Pennsylvania Industrial Chemical Corporation. (See Corkery, Frank W., assignor.)
Pennsylvania Industrial Engineers. (See Ritts, A. V., and Olson, assignors.)
Pennsylvania Industrial Engineers, Inc., et al. (See Olson, O. R., and Ritts, assignors.)
Pennsylvania Petroleum Research Corporation. (See Fenske, M. R., and McCluer, assignors.)
Pennsylvania Petroleum Research Corporation. (See Fenske, Merrell R., assignor.)
Pennsylvania Petroleum Research Corporation. (See McCluer, W. B., and Fenske, assignors.)
Pennsylvania Pump and Compressor Company. (See Noble, William H., assignor.)
Pennsylvania Railroad Company, The. (See Demarest, Thomas W., assignor.)
Pennsylvania Railroad Company, The. (See Elsey, Warren R., assignor.)
Pennsylvania Railroad Company. (See Fildes, Frederick K., assignor.)
Pennsylvania Railroad Company, The. (See Hankins, Frederick W., assignor.)
Pennsylvania Railroad Company, The. (See Hansen, Larry A., assignor.)
Pennsylvania Railroad Company, The. (See Hoke, Harry A., assignor.)
Pennsylvania Railroad Company, The. (See Kiesel, William F., Jr., assignor.)
Pennsylvania Railroad Company, The. (See Larson, Herman G., assignor.)
Pennsylvania Railroad Company, The. (See Loy, James M., assignor.)
Pennsylvania Railroad Company, The. (See Madden, William J., assignor.)
Pennsylvania Railroad Company, The. (See Meyer, W. J., and Demarest, assignors.)
Pennsylvania Research Corporation, The. (See Fenske, Merrell R., assignor.)

Pennsylvania Salt Manufacturing Company. (See Davies, Richard L., assignor.)
Pennsylvania Salt Manufacturing Company. (See Riggs, W. S., and Burkhart, assignors.)
Pennsylvania Salt Manufacturing Company, The. (See Schmidt, Heinrich, assignor.)
Pennsylvania Shipyards, Inc. (See Samuelson, Charles T., assignor.)
Pennsylvania Sugar Company. (See Gustave T., assignor.)
Pennsylvania Wire Glass Company. (See Masters, Paul G., assignor.)
Penny, Robert J., Seacliff, and H. J. Worthington, Beulah Park, South Australia, Australia. Pedal of foot-propelled bicycles. 2,151,144; Mar. 21.
Pennzoil Company, The. (See Fulton, L. D., and Hinman, assignors.)
Penola, Inc. (See Carpenter, Howard B., assignor.)
Penote, Vincent S., Euclid, Ohio. Cleaner for trenching machines. 2,165,299; July 11.
Penoyer, James, Pittsfield, Mass. Illuminated sign. 2,173,371; Sept. 19.
Penrod, George F., Jackson Township, Wells County, Ind. Paraffin remover. 2,182,931; Dec. 12.
Penrod, Melvin A., Franklin Township, Westmoreland County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,169,615; Aug. 15.
Penrose, Irving L. (See Penrose, William R. and I. L.)
Penrose, William R. and I. L., Pasadena, Calif. Draining frying pan. 2,157,303; May 9.
Pensbee, Otis E., St. Paul, Minn. Automatic power control means for variable speed pulleys. 2,167,003; July 25.
Penweld Corporation. (See Watson, Glenn W., assignor.)
Penweld Corporation. (See Watson, G. W., and Brannas, assignors.)
Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Refrigerating system. 2,162,537; June 13.
Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Dry ice air conditioning unit for vehicles. 2,162,538; June 13.
Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Dry ice air conditioner. 2,171,762; Sept. 5.
Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber. 2,173,372; Sept. 19.
Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Air conditioning system for automobiles. 2,180,943; Nov. 21.
Peo, Ralph F., assignor to Houde Engineering Corporation, Buffalo, N. Y. Roof mounted air conditioner. 2,182,569; Dec. 5.
Peo, Ralph F., and G. M. Magrum, assignors to Houde Engineering Corporation, Buffalo, N. Y. Link assembly. 2,184,398; Dec. 26.
Peone, Valley V., Spokane, Wash. Hydraulic change speed mechanism. 2,172,089; Sept. 5.
People in the Territory of the United States, Dedicated to the free use of the. (See Bosworth, J. H., and Conrad.)
People in the territory of the United States, Dedicated to the free use of the. (See Bruce, Wesley G.)
People in the Territory of the United States, Dedicated to the free use of the. (See Byram, George M., assignor.)
People in the Territory of the United States, Dedicated to the Free Use of the. (See Freeman, Andrew F., assignor.)
People in the Territory of the United States, Dedicated to the free use of the. (See Goldsworthy, Marion C.)
People in the territory of the United States, The. (See Goodhue, L. D., and Smith.)
People in the Territory of the United States, Dedicated to the free use of the. (See Gould, S. P., and Whittier.)
People in the territory of the United States, Dedicated to the free use of the. (See Gould, Stephen P., and E. O. Whittier.
People in the Territory of the United States, Dedicated to the free use of the. (See Greener, James D., assignor.)
People in the territory of the United States, Dedicated to the free use of the. (See Johnson, Valdemar A., assignor.)
People in the Territory of the United States, Dedicated to the free use of the. (See King, J. E., and Powell.)
People in the territory of the United States, Dedicated to the free use of the. (See May, Jack Truett, assignor.)
People in the territory of the United States, Dedicated to the free use of the. (See Palkin, S., and Smith.)
People in the territory of the United States, Dedicated to the free use of the. (See Schaffer, J. M., Harwood, and Wehr.)
People in the Territory of the United States, Dedicated to the free use of the. (See Taylor, Albert L.)
People in the Territory of the United States, Dedicated to the free use of the. (See Watson, Paul D., assignor.)
People of the United States. (See Gaus, G. E., and Bennett.)
People of the United States, Dedicated to the free use of the. (See Carter, Roscoe H.)
People of the United States, Dedicated to the free use of the. (See Goodhue, Lyle D.)
People of the United States, Dedicated to the free use of the. (See McSwain, Claude W.)
People of the United States, Dedicated to the free use of the. (See Offord, Harold R., assignor.)
People of the United States, Dedicated to the free use of the. (See Powell, Ben F.)
People of the United States, Dedicated to the free use of the. (See Reineke, Lester H.)
People of the United States, Dedicated to the Free Use of the. (See Thurber, Francis H., assignor.)
People of the United States, Dedicated to the free use of the. (See Williams, Owen E.)
People of the United States of America, Dedicated to the Free Use of the. (See Barber, George .)
People of the United States of America, Dedicated to the free use of the. (See Bennett, Frank W.)
People of the United States of America, Dedicated to the free use of the. (See Claborn, H. V., and Smith.)
People of the United States of America, Dedicated to the free use of the. (See Dearborn, Frederick E.)
People of the United States of America, Dedicated to the free use of the. (See Flynn, T. P., and Neils.)
People of the United States of America, Dedicated to the free use of the. (See Galloway, Alexander G., assignor.)
People of the United States of America, Free use of the. (See McAlister, John T., assignor.)
People of the United States of America, Dedicated to the free use of the. (See Palkin, S., and Chadwick.)
People of the United States of America, Dedicted to the free use of the. (See Stone, William E., assignor.)
People of the United States of America, Dedicated to the free use of the. (See Thompson, Clifford J., assignor.)
Peoples Finance and Thrift Company of Bakersfield. (See Ackley, Sherman G., assignor.)
Peoples Gas By-Products Corporation. (See Guthrie, R. G., and Wilbor, assignors.)
Peoples, Harold D., Canton, Ohio. Grill for cooking foodstuff over campfires. 2,162,636; June 13.
Pepe, Anthony, et al. (See Crawford, Walter C., assignor.)
Pepin, Charles H., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Machine for use in pressing soles on shoe bottoms. 2,158,196; May 16.
Pepper, Byron J. (See Sturm, F. W., and Pepper.)
Pepper, Byron J., Fort Wayne, Ind., assignor, by mesne assignments, to The Wayne Pump Company. Price and quantity indicating counter. 2,157,627; May 9.
Pepper, Carl P. (See Morrill, W. J., and Pepper.)
Pepper, Lawrence W., assignor to Central Culvert Company, Ottumwa, Iowa. Soil conservation device. 2,178,863; Nov. 7.
Pepper, Robert K. and S. C. V., Syracuse, N. Y. Expansion pipe joint. 2,182,995; Dec. 12.
Pepper, Samuel C. V. (See Pepper, Robert K., and S. C. V.)
Pepperdine, Ben, Chicago, Ill. Combination puller. 2,170,461; Aug. 22.
Peppler, Rudisell E. (See Snapp, Martha A., assignor.)
Peppler, William S., Glen Rock, assignor of one-half to A. Spangler, Philadelphia, Pa. Cutting attachment for sewing machines. 2,145,126; Jan. 24.
Perahia, Henry J. (See Thorner, A., and Perahia.)
Perazo, Peter L., Oakland, Calif. Sprue-forming device. 2,155,800; Apr. 25.
Percival, Johanna M., administratrix. (See Klahn, Emil.)
Percival, William S. (See Bowman-Manifold, M., and Percival.)
Percival, William S. (See Bull, C. S., and Percival.)
Percival, William S., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Reduction of interference in electric signal transmission systems. 2,151,145; Mar. 21.
Percival, William S., London, England, assignor to Electric & Musical Industries Limited. Thermionic amplifier circuits. 2,151,795; Mar. 28.
Percival, William S., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electric wave filter. 2,156,656; May 2.
Percival, William S., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Superregenerative receiver. 2,171,148; Aug. 29.
Percival, William S., Ealing, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Thermionic valve circuit. 2,171,671; Sept. 5.
Percival, William S., Ealing, London, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Thermionic valve amplifier circuits. 2,173,914; Sept. 26.
Percival, William S., Hanwell, and C. O. Browne, West Acton, assignors to Electric and Musical Industries Limited, Hayes, Middlesex, England. Television and the like transmission system. 2,147,266; Feb. 14.
Percy, Carl, Inc. (See Heinz, Richard, assignor.)
Percy, Carl, New York, and E. E. Draper, Scarsdale, assignors to The Perser Corporation, New York, N. Y. Stereoscopic photography. 2,151,301; Mar. 21.
Percy, George W., et al. (See Warren, Calvin C., assignor.)
Percy, Paul, New Rochelle, N. Y. Manicuring table. 2,147,314; Feb. 14.
Perdue, Allan J., Wayne, Nebr. Cap holder for bottles and paste tubes. 2,155,329; Apr. 18.

Pérébaskine, Victor, Beziers, and P. Gravirowsky and S. Nikitine, Strasbourg, France. Apparatus for boring. 2,147,214; Feb. 14.
Peremi, Edmund, and L. Toth, Manhasset, N. Y. Casement window operator. 2,176,683; Oct. 17.
Peremi, Edmund, and L. Toth, Manhasset, N. Y. Window lock. 2,179,728; Nov. 14.
Peremi, Edmund, Manhasset, and C. Kish, Elmhurst, assignors to General Bronze Corporation, Long Island City, N. Y. Revolving door. 2,148,035; Feb. 21.
Pereny, Andrew, Columbus, Ohio. Driving control mechanism for rotary driven units. 2,174,061; Sept. 26.
Perera, Guido. (See Rossi, U., assignor.)
Perera, Guido, and R. C. Myles, Jr., New York, N. Y. Mounting frame for photographs and the like. 2,166,641; July 18.
Perera, Guido, and R. C. Myles, Jr., New York, N. Y. Mounting frame for pictures and the like. 2,177,150; Oct. 24.
Perey Manufacturing Company. (See Gersbach, Herbert A., assignor.)
Perey Manufacturing Company. (See Gersbach, H. A., and Bacon, assignors.)
Perez, Emilio, Buenos Aires, Argentina. Machine for peeling fruit. 2,146,267; Feb. 7.
Perez, Fernando, Pittsburgh, Pa. Manicurist's hand support. 2,171,804; Sept. 5.
Perez, Horacio E., Valhalla, N. Y. Automatic gear transmission. 2,151,151; Mar. 21.
Perfect Brassiere Company. (See Rubinstein, Abraham, assignor.)
Perfection Gear Company. (See Barnes, Allen L., assignor.)
Perfection Gear Company. (See Boehm, Arthur O., assignor.)
Perfection Steel Body Company, The. (See Cohen, Harry, assignor.)
Perfection Stove Company. (See Chadwick, Lee S., assignor.)
Perfecto Gear Differential Co. (See Starr, Charles E., assignor.)
Perfotex Company, The. (See Chandler, Frank J., assignor.)
Perin, Donald W., Greenfield, assignor, by mesne assignments, to Roloff Inc. of Mass., Cambridge, Mass. Freight container. 2,172,154; Sept. 5.
Perin, Donald W., Greenfield, assignor to Roloff Inc., of Mass., Cambridge, Mass. Freight container. 2,183,794; Dec. 19.
Perkins, Albert G., Warsaw, N. Y. Aparatus for coating pipes and the like. 2,168,917; Aug. 8.
Perkins, Baker Company. (See Grötzinger, Wilhelm, assignor.)
Perkins Cementing, Inc. (See Wickersham, Newton W., assignor.)
Perkins, Charles E., assignor to Houde Engineering Corporation, Buffalo, N. Y. Railway car sway control mechanism. 2,153,389; Apr. 4.
Perkins, Charles E., assignor to Houde Engineering Corporation, Buffalo, N. Y. Hydraulic shock absorber control for railway cars. 2,168,578; Aug. 8.
Perkins, Dow W., assignor to The White Motor Company, Cleveland, Ohio. Vehicle body construction. 2,165,939; July 11.
Perkins, Edward H., et al. (See Glidden, Charles C., assignor.)
Perkins, Edwin A., et al. (See Crum, Roland R., assignor.)
Perkins, Ezra C. (See Hamilton, A. G., and Perkins.)
Perkins, F., Limited. (See Chapman, Charles W., assignor.)
Perkins, Frank P., assignor to Michael Yundt Company, Waukesha, Wis. Handling apparatus. 2,147,055; Feb. 14.
Perkins Glue Company. (See Pierson, Gordon G., assignor.)
Perkins Glue Company. (See Shisler, G. M., and Bergey, assignors.)
Perkins, Granville A., Charleston, W. Va., assignor to Carbide and Carbon Chemicals Corporation. Acetylenic alcohol. 2,161,191; June 6.
Perkins, Julian L., West Springfield, Mass. Machine for forming worms and the like. 2,147,919; Feb. 21.
Perkins, Julian L., West Springfield, Mass. Transmission. 2,147,920; Feb. 21.
Perkins, Julian L., West Springfield, Mass. Wringer drive. 2,147,921; Feb. 21.
Perkins, Julian L., West Springfield, Mass. Gearing. 2,173,660; Sept. 19.
Perkins, Julian L., West Springfield, Mass. Driving mechanism. 2,175,732; Oct. 10.
Perkins, Kendall, Clayton, Mo., assignor to Curtiss-Wright Corporation. Turret gun mount. 2,175,852; Oct. 10.
Perkins, Kenneth, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Electric lamp socket and plug connector. 2,148,875; Feb. 28.
Perkins, L. C. (See Janke, Albert W., assignor.)
Perkins, Laurence M., Syracuse, N. Y., assignor to Carrier Corporation, Newark, N. J. Fluid burner controller. 2,178,672; Nov. 7.
Perkins, Mart C., Casper, Wyo. Rotary fluid motor. 2,152,564; Mar. 28.
Perkins, Mart C., Casper, Wyo. Hydraulic transmission. 2,175,970; Oct. 10.
Perkins, Melville F. (See Betterton, J. O., and Perkins.)
Perkins, Melville F. (See Fleming, E. P., and Perkins.)
Perkins, Melville F., Salt Lake City, Utah, assignor to American Smelting and Refining Company, New York, N. Y. Inhibiting dusting of arsenious oxide and product thereof. 2,183,337; Dec. 12.
Perkins, Melville F., Woodbridge, and A. J. Phillips, Metuchen, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Process and apparatus for producing uniform-sized particles. 2,177,551; Oct. 24.
Perkins, Melville F., and R. G. Crane, Woodbridge, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Process and apparatus for producing zinc. 2,181,148; Nov. 28.
Perkins, Melvin A. (See Beard, E. E., and Perkins.)
Perkins, Melvin A., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of isodibenzanthrone. 2,153,312; Apr. 4.
Perkins, Melvin A., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of anthraquinone compounds. 2,180,299; Nov. 14.
Perkins, Melvin A., Milwaukee, and C. E. Carr, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the pyrazolanthrone series. 2,155,364; Apr. 18.
Perkins, Melvin A., Milwaukee, and C. E. Carr, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyestuffs and intermediates of the pyrazolanthrone series. 2,162,201; June 13.
Perkins, Melvin A., Wilmington, Del., and J. Deinet, Glassboro, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Bromination of benzanthrone. 2,180,835; Nov. 21.
Perkins, Ralph P. (See Britton, E. C., and Perkins.)
Perkins, Ralph P. (See Coleman, G. H., and Perkins.)
Perkins, Ralph P., assignor to The Dow Chemical Company, Midland, Mich. Phenyl mercuric aliphatic hydroxy carboxylates and making same. 2,157,009; May 2.
Perkins, Ralph P., assignor to The Dow Chemical Company, Midland, Mich. Phenylmercuric glycollate and making it. 2,157,010; May 2.
Perkins, Ralph P., assignor to The Dow Chemical Company, Midland, Mich. Phenylmercuric citrate and making same. 2,181,098; Nov. 21.
Perkins, Robert L., East Aurora, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Sulphur dyestuffs. 2,182,350; Dec. 5.
Perkins, Ross L., Orosi, Calif. Funnel. 2,174,228; Sept. 26.
Perks, Thomas E. (See Ross, C. E., and Perks.)
Perlman, Edward, Niles Center, Ill. Rack for glass coffee brewers. 2,174,093; Sept. 26.
Permo Products Corporation. (See Engbrecht, G. C., and Olsen, Arthur J. and A. M., assignors.)
Permochart Corporation. (See Hoy, Edward W., assignor.)
Permutit Company, The. (See Applebaum, Samuel B., assignor.)
Permutit Company, The. (See Bowers, H. L., and Brice, assignors.)
Permutit Company, The. (See Liebknecht, Otto, assignor.)
Permutit Company. (See Pick, Eric, assignor.)
Permutit Company (1934), The. (See Pick, Eric, assignor.)
Permutit Company, The. (See Riley, Ray, assignor.)
Perosa Corporation. (See Adamoli, Carlo, assignor.)
Perquin, Johannes N. J., Rotterdam, and H. Stokman, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Polymerization of unsaturated compounds. 2,168,271; Aug. 1.
Perreault, George E., Bronxville, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Pole piece for magnetic telegraphones. 2,181,707; Nov. 28.
Perreault, Louis H., Levis, Quebec, Canada. Ventilator for toilet bowls. 2,146,982; Feb. 14.
Perreton, Arnold, Durham, N. H. Device for cutting and packing comb honey. 2,168,579; Aug. 8.
Perrey, Marcel A. L., Herserange, assignor to Societe Anonyme des Hauts Fourneaux de la Chiers, Longwy (Meurthe et Moselle), France. Impact indicator. 2,163,847; June 27.
Perrey, Marcel A. L., Herserange, assignor to Société Anonyme des Hauts-Fourneaux de la Chiers, Longwy (Meurthe et Moselle), France. Kinetic energy indicator for impact testing apparatus. 2,177,876; Oct. 31.
Perri, Thomas, Toms River, N. J. Poultry fountain. 2,162,314; June 13.
Perrigo, Archie L. (See Rienacker, W. O., and Perrigo.)
Perrin, Jay C., Los Angeles, and E. E. Disbrow, Alhambra, Calif.; said Disbrow assignor to said Perrin. Paint refill ejector. 2,154,580; Apr. 18.
Perrin, Jay C., Los Angeles, and P. L. Geer, Berkeley, Calif.; said Geer assignor to said Perrin. Towel dispenser. 2,155,679; Apr. 25.
Perrin, Michael W. (See Fawcett, E. W., Gibson, and Perrin.)

Perrin, René, assignor to Societe d'Electrochimi d'Electrometallurgie et des Acieries Electriques d'Ugine, Paris, France. Manufacture of alloys and in particular of ferro-alloys or of inoxidizable steels. 2,169,741; Aug. 15.

Perrine, Lester E., assignor to General Motors Corporation, Detroit, Mich. Variable speed drive. 2,150,456; Mar. 14.

Perrine, Lester E., assignor to General Motors Corporation, Detroit, Mich. Variable speed drive. 2,168,744; Aug. 8.

Perrine, Lester E., assignor, by Mesne assignments, to General Motors Corporation, Detroit, Mich. Variable speed drive. 2,173,661; Sept. 19.

Perrine, Lester E., Detroit, Mich., and C. L. Paulus, Dayton, Ohio, assignors to General Motors Corporation. Refrigerating apparatus. 2,151,987; Mar. 28.

Perron, Adrian, Detroit, Mich. Independent wheel suspension for automobiles. 2,166,368; July 18.

Perron, Walter C. (See Oys, J. E., and Perron.)

Perrott, Laurence F., Revere, Mass., assignor to General Electric Company. Electric discharge device. 2,155,237; Apr. 18.

Perroux, Georges E. M., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Radio directing and direction finding system. 2,182,134; Dec. 5.

Perry, Arthur St. C., Detroit, Mich., assignor to Dual Message Clock Co. Advertising device. 2,160,561; May 30.

Perry, Cecil J. H. (See Baker, W. J., and Perry.)

Perry, Charles G. (See Webster, Georgia E. and R. H., assignors.)

Perry, Charles H., Miami, Fla. Amusement device. 2,175,971; Oct. 10.

Perry, Charles L., Schenectady, N. Y., assignor to General Electric Company. Electromagnetic switch and system therefor. 2,170,694; Aug. 22.

Perry, Charles W., Montgomery, Ala. Fireplace boiler structure. 2,170,729; Aug. 22.

Perry, Eugene R. (See Horne, H. F., and Perry.)

Perry, Francis A. (See Lamere. J. J., and Perry.)

Perry, Frank M. (See Friauf, G. F., and Perry.)

Perry, Harlan A., Chicago, Ill. Scraper. 2,162,117; June 13.

Perry, John R., assignor to F. W. Coffing and R. R. Bookwalter, doing business as the Coffing Hoist Co., Danville, Ill. Continuous power eccentric dual gear speed reducer. 2,170,951; Aug. 29.

Perry, Joll, New York, N. Y. Nonspill liquid cocktail drinking glass. 2,143,027; Jan. 10.

Perry, Joseph B., assignor of one-half to C. Pfeiffer, Conimicut, R. I. Loom. 2,147,602; Feb. 14.

Perry, Joseph D., Harrisburg, Pa. Material treating and handling apparatus. 2,163,977; June 27.

Perry, Judson A., assignor of forty-nine one-hundredths to G. D. Whitehurst, Norfolk, Va. Commode. 2,171,710; Sept. 5.

Perry, Lester E., Maywood, Ill., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Calculating device. 2,152,604; Mar. 28.

Perry, Paul A., Cleveland, Ohio. Snap fastener tape. 2,157,011; May 2.

Perry, Robert B., Waterbury, assignor to Rock of Ages Corporation, Barre, Vt. Process and abrasive for finishing granite. 2,142,146; Jan. 3.

Perry, Richard G. (See Dreyfus, H., Finlayson, and Perry.)

Perry, Richard G. (See Finlayson, D., and Perry.)

Perry, Robert X., Gardner, Mass. Method of and means for printing addresses or the like. 2,176,187; Oct. 17.

Perry, William R., assignor to Reeves Pulley Company, Columbus, Ind. Motor control system. 2,156,736; May 2.

Perry, William R., assignor to Reeves Pulley Company, Columbus, Ind. Flow-rate-responsive control means. 2,164,019; June 27.

Perry, William R., assignor to Reeves Pulley Company, Columbus, Ind. Photoelectric control of variable speed mechanism. 2,166,551; July 18.

Perry, William R., assignor to Reeves Pulley Company, Columbus, Ind. Constant tension winding control. 2,168,071; Aug. 1.

Perry, William R., assignor to Reeves Pulley Company, Columbus, Ind. Reversible incrementally variable-speed power transmission mechanism. 2,175,551; Oct. 10.

Perryman, George H., Union City, and P. Schwerin, Rutherford, N. J. Circuit breaker. 2,181,586; Nov. 28.

Perser Corporation, The. (See Percy, C., and Draper, assignors.)

Pershall, Ralph H., Bremerton, assignor to Sanicut Mfg. Co., Port Orchard, Wash. Closure attachment for containers. 2,154,581; Apr. 18.

Persichino, Michele, Rochester, N. Y. Pneumatic foot supporter. 2,177,116; Oct. 24.

Persil Gesellschaft Henkel & Voith m. b. H. (See Wehrstein, Andreas, assignor.)

Person, Alfred, assignor to The Murray Corporation of America, Detroit, Mich. Ventilator. 2,177,994; Oct. 31.

Persons, Charles A., assignor to Persons-Majestic Manufacturing Company, Worcester, Mass. Reflector. 2,179,382; Nov. 7.

Persons, Charles A., assignor to Persons-Majestic Manufacturing Company, Worcester, Mass. Reflecting device. 2,180,093; Nov. 14.

Persons, Charles A., assignor to Persons-Majestic Manufacturing Company, Worcester, Mass. Reflecting sign construction. 2,180,166; Nov. 14.

Persons, Lawrence M., assignor, by mesne assignments, to Automatic Control Corporation, St. Louis, Mo. Multiple thermostat switch snap-action device. 2,145,950; Feb. 7.

Persons, Lawrence M., assignor, by mesne assignments, to Automatic Control Corporation, St. Louis, Mo. Compensated switch. 2,159,342; May 23.

Persons, Lawrence M., assignor, by mesne assignments, to Automatic Control Corporation, St. Louis, Mo. Purging thermostats. 2,160,280; May 30.

Persons, Lawrence M., assignor, by mesne assignments, to Automatic Control Corporation, St. Louis, Mo. Control casing. 2,160,623; May 30.

Persons, Lawrence M., St. Louis County, assignor to Automatic Control Corporation, St. Louis, Mo. Snap switch for coffee roasters. 2,168,580; Aug. 8.

Persons, Lawrence M., assignor, by mesne assignments, to Automatic Control Corporation, St. Louis, Mo. Bimetallic strip. 2,171,344; Aug. 29.

Persons, Lawrence M., assignor, by mesne assignments, to Automatic Control Corporation, St. Louis, Mo. Diaphragm-actuated transmission means. 2,180,018; Nov. 14.

Persons, Lawrence M., and J. A. Rodgers, assignors, by mesne assignments, to Automatic Control Corporation, St. Louis, Mo. Motor protector. 2,143,085; Jan. 10.

Persons-Majestic Manufacturing Company. (See Persons, Charles A., assignor.)

Persson, Anders G., and C. T. Fornstrom, Omaha, Nebr.

Persson, Eric S., Malmo, Sweden. Locking means for windows and the like. 2,156,401; May 2.

Persson, Eric S., Malmo, Sweden. Locking and tightening means. 2,166,318; July 18.

Persson, Ernst, assignor to The International Postal Supply Company, Brooklyn, N. Y. Lock for signature printing machines. 2,183,919; Dec. 19.

Pert, Henry G., assignor of one-half to A. B. Pickell, Kansas City, Mo. Explosive powder and manufacture thereof. 2,167,849; Aug. 1.

"Pertrix" Chemische Fabrik Aktiengesellschaft. (See Marhenkel, Erich, assignor.)

Peruzzini, Henry. (See Cronyn, V. J., and Peruzzini.)

Pervel Corporation. (See De Witt, Francis, assignor.)

Pesarese, Fritz, assignor to Achslager-Syndikat, Berlin, Germany. Axle lubricator. 2,166,606; July 18.

Pesarese, Fritz, assignor to Achslager, Syndikat, Berlin-Wilmersdorf, Germany. Oil and dust packing for rotating axles or shafts. 2,177,441; Oct. 24.

Pescador, Héctor, Mexico, D. F., Mexico. Electric hearing apparatus for the deaf. 2,164,121; June 27.

Pesce, Joseph S., Haddonfield, N. J., assignor to Radio Corporation of America. Sound picture apparatus. 2,184,565; Dec. 26.

Peshek, Joseph, and G. H. Wheary, assignors to Wheary Trunk Company, Racine, Wis. Hand luggage. 2,158,986; May 16.

Pesqueira, Juventino J. (See Stern, I., Skolnikoff, Pesqueira, and Ostrolonk.)

Lawn mower. 2,148,835; Feb. 28.

Pestel, Arthur, New York, N. Y. Writing implement. 2,144,027; Jan. 17.

Pestel, Marcel, Paris, France, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Finishing edges of leather pieces. 2,177,785; Oct. 31.

Peter, Melville F., Beltsville, Md., and R. H. Stone, Bound Brook, N. J. Radio shielded spark plug lead. 2,164,591; July 4.

Peter, William J., Bronx, assignor, by mesne assignments, to Aqua Systems Incorporated, New York, N. Y. Liquid dispenser. 2,145,572; Jan. 31.

Peterkin, Albert G., Bryn Mawr, Pa., assignor to Houdry Process Corporation, Dover, Del. Preparation of charge. 2,166,176; July 18.

Peterkin, Albert G., Bryn Mawr, Pa., assignor to Houdry Process Corporation, Dover, Del. Preparation of hydrocarbons for conversion. 2,166,177; July 18.

Peterkin, Daniel, Jr. (See Warren, R. P., and Peterkin.)

Peterman, Joseph A., New York, N. Y. Bracket for attaching conduits to walls. 2,162,340; June 13.

Peterman, Theodor A. (See Jonkhoff, Henri W., assignor.)

Peterman, Theodore A., Tacoma, Wash. Wheel suspension. 2,170,064; Aug. 22.

Peterman, Theodore A., Tacoma, Wash. Flexible beam wheel suspension. 2,172,173; Sept. 5.

Pétermann, Henri, Tavannes, Switzerland, assignor of one-half to P. Mathez, Woodside, Long Island, N. Y. Roller skate. 2,166,767; July 18.

Petermann, Walter, Berlin-Siemensstadt, Germany, assignor to Opticolor Aktiengesellschaft, Glarus, Switzerland. Cooling means for mirrors used with arc lamps. 2,158,886; May 16.

Petermichl, Franz, Berlin-Charlottenburg, Germany, assignor to General Electric Company. Electric circuit breaker. 2,152,497; Mar. 28.

Peters, Allen F. (See Paisley, E. S., and Peters.)
Peters, Claude H., White Bear Lake, Minn. Air conditioning system. 2,158,250; May 16.
Peters, Floyd H. (See Mayer, P. J., and Peters.)
Peters, Floyd H., assignor to General Motors Corporation, Dayton, Ohio. Domestic appliance. 2,165,003; July 4.
Peters, Frank B., Minneapolis, Minn. Backdraft diverter. 2,165,811; July 11.
Peters, Fred, Ogallala, Nebr. Portable bending brake. 2,160,441; May 30.
Peters, Frederick W., Cleveland, Ohio. Tool handle. 2,158,728; May 16.
Peters, George E., and L. E. Russell, assignors to Peters and Russell, Inc., Springfield, Ohio. Horn ring for automobiles. 2,147,007; Feb. 14.
Peters, Heinrich, Berlin, Germany, assignor to La Mont Corporation, New York, N. Y. Cleaning tubular heat exchanging surfaces. 2,183,496; Dec. 12.
Peters, Hendrik H. C., Rotterdam, Netherlands. Dough-coiling device. 2,173,632; Sept. 19.
Peters, Hendrik H. C., Rotterdam, Netherlands. Dough folding device. 2,177,329; Oct. 24.
Peters, Henry L., Seattle, Wash. Flexible health chair. 2,146,191; Feb. 7.
Peters, John F., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Discharge apparatus. 2,151,796; Mar. 28.
Peters, John F., Edgewood, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Searchlight controller. 2,162,517; June 13.
Peters, John F., Leonia, N. J., assignor to American Can Company, New York, N. Y. Container. 2,172,404; Sept. 12.
Peters, John F., Leonia, N. J., assignor to American Can Company, New York, N. Y. Container. 2,183,585; Dec. 19.
Peters, John G. (See Cantrell, T. L., and Peters.)
Peters, Joseph D., Bridgeport, Conn. Tooth brush dispensing package. 2,179,160; Nov. 7.
Peters, Joseph H., Hawthorne, Calif. Automobile body and seat construction. 2,148,086; Feb. 21.
Peters, Louis. (See Hastert, Edouard, assignor.)
Peters, Louis B., Cedar Falls, Iowa. Necktie clasp. 2,172,849; Sept. 12.
Peters, Melville F. (See Stone, R. H., and Peters.)
Peters, Melville F., Beltsville, Md. Ignition cable. 2,151,715; Mar. 28.
Peters, Melville F., Beltsville, Md. Radio shielding means. 2,163,624; June 27.
Peters, Melville F., Beltsville, Md., W. S. Parr, U. S. Navy, and H. K. King, Cabin John, Md. Spark plug performance indicator. 2,181,149; Nov. 28.
Peters, Melville F., Beltsville, Md., and G. F. Blackburn, Washington, D. C. Ignition system for internal combustion engines. 2,184,315; Dec. 26.
Peters, Melville F., Beltsville, Md., and R. H. Stone, Bound Brook, N. J., assignors to Titeflex Mextal Hose Co. Internal combustion engine ignition. 2,173,539; Sept. 19.
Peters, Norman J., assignor to Damrow Brothers Company, Fond du Lac, Wis. Can cover replacer. 2,171,763; Sept. 5.
Peters, Orville S., Chevy Chase, Mr., assignor to Baldwin-Southwark Corporation. Recorder apparatus. 2,170,505; Aug. 22.
Peters, Orville S., Chevy Chase, Md., assignor to Baldwin-Southwark Corporation. Measuring apparatus. 2,173,493; Sept. 19.
Peters and Russell, Inc. (See Peters, G. E., and Russell, assignors.)
Peters, Stanley E., Chicago, Ill. Torch. 2,155,238; Apr. 18.
Peters, Thomas B. R., Clinton, Iowa, assignor to Fairbanks, Morse & Co., Chicago, Ill. Evaporator. 2,165,004; July 4.
Peters, William A., Jr., Seattle, Wash., assignor to E. B. Badger & Sons Co., Boston, Mass. Fractionating plate. 2,164,080; June 27.
Peters, William G., assignor to R. Groetchen, Chicago, Ill. Coin conveying mechanism. 2,144,545; Jan. 17.
Peters, William G., assignor to R. Groetchen, Chicago, Ill. Coin operated machine. 2,153,588; Apr. 11.
Peterse, George, Sr., Englewood, N. J. Burglar alarm. 2,149,901; Mar. 7.
Petersen, Anker, Boston, assignor to J. J. Lannon, West Newton, Mass. Textile material. 2,173,214; Sept. 19.
Petersen, Earl M., Winthrop, Mass. Braiding machine. 2,177,742; Oct. 31.
Petersen, Elmer A., Fruitvale, Calif. Glue applying machine. 2,159,674; May 23.
Petersen, Elmer W., assignor of one-half to W. A. Bertram, Chicago, Ill. Trough hanger. 2,144,663; Jan. 24.
Petersen, George, Davenport, Iowa, and H. Petersen, Chicago, Ill. Gas stove burner. 2,179,951; Nov. 14.
Petersen, Harry. (See Petersen, George and H.)
Petersen, John, Newark, N. J. Hearing device. 2,168,781; Aug. 8.
Petersen, Karl W., Krefeld-Uerdingen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Titanium dioxide pigments. 2,144,577; Jan. 17.
Petersen, Karl W., Stockholm, Sweden, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Titanium dioxide pigments. 2,161,975; June 13.
Petersen Oven Company, The. (See Cook, John V., assignor.)
Petersen, Samuel H., Philadelphia, Pa. Post for tennis nets. 2,159,633; May 23.
Petersen, Thorkild, Elgin, Ill., assignor to Pure Milk Cheese Company. Method and apparatus for forming cheese. 2,165,005; July 4.
Petersen, Thorvald, Erie, Pa., assignor to R. G. Wright & Co., Buffalo, N. Y. Container capping mechanism. 2,156,700; May 2.
Petersen, Thorvald, Erie, Pa., assignor to R. G. Wright & Company, Buffalo, N. Y. Belt drive mechanism. 2,156,701; May 2.
Petersen, Thorvald, assignor, by mesne assignments, to Security-Peoples Trust Company, Erie, Pa. Solid screw cutting die. 2,166,369; July 18.
Petersen, Thorvald, Erie, Pa., assignor to R. G. Wright & Company, Buffalo, N. Y. Package advancing mechanism. 2,180,548; Nov. 21.
Petersen, Valentin, West New Brighton, N. Y. Reduction drive for variable condensers. 2,167,677; Aug. 1.
Petersen, Waldemar, Berlin, Germany, assignor to General Electric Company. Method of and apparatus for producing a variable alternating current. 2,178,432; Oct. 31.
Petersen, Waldemar, Berlin, Germany, assignor to General Electric Company. Method of and apparatus for generating alternating current. 2,178,433; Oct. 31.
Petersen, William L., Springfield, N. Y., assignor to Mergenthaler Linotype Company. Slug casting machine. 2,163,848; June 27.
Petersime Incubator Company, The. (See Petersime, Ira M. and R. M., assignors.)
Petersime, Ira M. and R. M., assignors to The Petersime Incubator Company, Gettysburg, Ohio. Apparatus for incubating eggs and hatching chicks therefrom. 2,176,745; Oct. 17.
Petersime, Ray M. (See Petersime, Ira M. and R. M.)
Peterson, Adolphe C., Minneapolis, Minn. Automatic frictional clutch. 2,178,050; Oct. 31.
Peterson, Adolphe C., Minneapolis, Minn. Airplane generator and power system. 2,183,151; Dec. 12.
Peterson, Alfred J. A., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,150,587; Mar. 14.
Peterson, Arthur E., assignor to Chicago Forging & Manufacturing Company, Chicago, Ill. Hood latch. 2,146,700; Feb. 7.
Peterson, Arthur E., assignor to Chicago Forging & Manufacturing Company, Chicago, Ill. Light for automobile rear storage compartments. 2,146,701; Feb. 7.
Peterson, Arthur E., assignor to Chicago Forging & Manufacturing Company, Chicago, Ill. Hood latch. 2,183,621; Dec. 19.
Peterson, Arthur L., Indianapolis, Ind., assignor to The Geo. F. Cram Company. Terrestrial globe mounting. 2,171,509; Aug. 29.
Peterson, Arthur L., Long Beach, Calif. Dental floss holder. 2,172,591; Sept. 12.
Peterson, Arthur W., North Attleboro, assignor to Metals & Controls Corporation, Attleboro, Mass. Alloy. 2,164,938; July 4.
Peterson, Arthur W., North Attleboro, assignor to Metals & Controls Corporation, Attleboro, Mass. Alloy. 2,166,768; July 18.
Peterson, Arthur W., North Attleboro, assignor to Metals & Controls Corporation, Attleboro, Mass. Alloy. 2,169,592; Aug. 15.
Peterson, Arvid, assignor to De Laval Steam Turbine Company, Trenton, N. J. Compressor seal. 2,163,153; June 20.
Peterson, Arvid L., Los Angeles, Calif., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Blowpipe. 2,164,256; June 27.
Peterson, Burt A., assignor to Barber-Colman Company, Rockford, Ill. Heddle backer for warp-drawing machines. 2,175,910; Oct. 10.
Peterson, Burt A., and B. Marcellus, assignors to Barber-Colman Company, Rockford, Ill. Warping apparatus. 2,172,850; Sept. 12.
Peterson, Carl D., Toledo, Ohio. Synchronizing clutch. 2,175,911; Oct. 10.
Peterson, Carl D., Toledo, Ohio. Shifting mechanism for change-speed transmission gearing. 2,181,627; Nov. 28.
Peterson, Carl D., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Solenoid operating shifting mechanism. 2,158,480; May 16.
Peterson, Carl D., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Power take-off for motor vehicles. 2,158,483; May 16.
Peterson, Carl D., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Change-speed transmission gearing. 2,180,019; Nov. 14.
Peterson, Carl H., and W. V. Moren, Worcester, Mass. Spring machine appliance. 2,161,084; June 6.
Peterson, Claus F., Chicago, Ill., assignor to Neo-Gravure Printing Co. Inc., New York, N. Y. Intaglio web printing machine. 2,151,390; Mar. 21.
Peterson, Conrad S., Cleveland Heights, Ohio, assignor to General Electric Company. Tubular lamp base. 2,160,786; May 30.

Peterson, Edward A., assignor to The Geo. F. Cram Company, Indianapolis, Ind. Mounting for illuminating globes. 2,149,228; Feb. 28.
Peterson, Edward A., assignor to The Geo. F. Cram Company, Indianapolis, Ind. Illuminated globe. 2,175,091; Oct. 3.
Peterson, Edward S. (See Wright, C. O., and Peterson.)
Peterson, Edward S., Elmwood Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,142,653; Jan. 3.
Peterson, Edward S., Elmwood Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,145,094; Jan. 24.
Peterson, Edward S., Elmwood Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,145,127; Jan. 24.
Peterson, Edward S., Elmwood Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,158,945; May 16.
Peterson, Edward S., Elmwood Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,168,880; Aug. 8.
Peterson, Edward S., Elmwood Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,168,881; Aug. 8.
Peterson, Edward S., Elmwood Park, and N. H. Saunders, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 2,142,652; Jan. 3.
Peterson, Eugene, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Harmonic producing apparatus. 2,146,091; Feb. 7.
Peterson, Eugene, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Alternating current wave production. 2,174,165; Sept. 26.
Peterson, Ezra M., Ogden, Utah. Frozen confection and making the same. 2,176,408; Oct. 17.
Peterson, Ezra M., Ogden, Utah. Manufacture of frozen confections. 2,176,409; Oct. 17.
Peterson, Floyd C. (See Bass, S. L., Fenn, and Peterson.)
Peterson, Floyd C., Syracuse, N. Y., and A. J. Barry, assignors to The Dow Chemical Company, Midland, Mich. Preparation of cellulose ethers. 2,145,273; Jan. 31.
Peterson, Floyd C., and A. T. Maasberg, assignors to The Dow Chemical Company, Midland, Mich. Alkali cellulose. 2,149,309; Mar. 7.
Peterson, Floyd C., Syracuse, N. Y., and A. T. Maasberg, assignors to The Dow Chemical Company, Midland, Mich. Alkali cellulose. 2,149,310; Mar. 7.
Peterson, Floyd C., Syracuse, N. Y., and A. J. Barry, assignors to The Dow Chemical Company, Midland, Mich. Preparation of cellulose ethers. 2,157,083; May 2.
Peterson, Floyd C., Syracuse, N. Y., and H. N. Fenn, assignors to The Dow Chemical Company, Midland, Mich. Stabilization of cellulose ethers. 2,159,399; May 23.
Peterson, Frederick H., and R. R. Clarke, Watertown, assignors to The Patent Button Company, Waterbury, Conn. Tack button. 2,170,091; Aug. 22.
Peterson, Frederick H., and R. R. Clarke, Watertown, assignors to The Patent Button Company, Waterbury, Conn. Tack button. 2,170,092; Aug. 22.
Peterson, Frederick J., College Point, N. Y., and E. A. Russell; said Peterson assignor to Shoup-Owens, Inc., Hoboken, N. J., and said Russell assignor to Spaulding Fibre Co. Inc., Tonawanda, N. Y. Container for pills, capsules, and the like. 2,164,719; July 4.
Peterson, George H., Glen Rock, N. J., assignor to American Telephone and Telegraph Company. Telephone switchboard. 2,181,668; Nov. 28.
Peterson, Gerhard J., Grand Forks, N. Dak. Safety life belt. 2,165,300; July 11.
Peterson, Glen C., Mokena, Ill. Straw bundler. 2,158,729; May 16.
Peterson, Gunnard P. (See Noyack, E., and Peterson.)
Peterson, Hans J. (See Higginbottom, H. H., and H. J. and J. C. Peterson.)
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Antenna. 2,153,589; Apr. 11.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Directive antenna system. 2,155,955; Apr. 25.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Idle time keying. 2,160,083; May 30.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Directive antenna system. 2,160,899; June 6.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Electrical wave filter. 2,163,625; June 27.
Peterson, Harold O., Riverhead, N .Y., assignor to Radio Corporation of America. Remote control system. 2,165,502; July 11.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Oscillator. 2,173,180; Sept. 19.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Radio frequency transmission line. 2,173,565; Sept. 19.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Modulator system. 2,183,795; Dec. 19.
Peterson, Harold O., Riverhead, N. Y., assignor to Radio Corporation of America. Measuring short wave noise levels. 2,184,754; Dec. 26.
Peterson, Hartin F. (See Test, E. W., Winther, and Peterson.)
Peterson, Howard C., Arlington, S. Dak. Tooth brush. 2,154,352; Apr. 11.
Peterson, Johann G., West Hartford, Conn. Electric switch. 2,163,626; June 27.
Peterson, Isaac, Oakland, Calif. Hydraulic shovel dredge. 2,178,265; Oct. 31.
Peterson, John C. (See Higginbottom, H. H., and H. J. and J. C. Peterson.)
Peterson, Julius, assignor to Deere & Company, Moline, Ill. Two-way plow. 2,168,882; Aug. 8.
Peterson, Leland D. (See Hare, W. A., Peterson, and Soler.)
Peterson, Liss C., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High frequency amplifier. 2,170,645; Aug. 22.
Peterson, Liss C., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Negative impedance circuit. 2,181,909; Dec. 5.
Peterson, Liss C., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave amplification. 2,181,910; Dec. 5.
Peterson, Per A., New York, N. Y. Propeller. 2,161,932; June 13.
Peterson, Ray. (See Le Tourneau, R. G., Peterson, and Isgren.)
Peterson, Robert F., assignor of one-half to L. F. Buck, Rush City, Minn. Latch. 2,153,937; Apr. 11.
Peterson, Robert G., et al. (See Boudreau, Willis J., assignor.)
Peterson, Roy, Emporia, Kans. Work handling and preheating mechanism for welding. 2,151,044; Mar. 21.
Peterson, Roy E., assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Staple tacker and attachments. 2,143,384; Jan. 10.
Peterson, Roy E., assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Staple driving machine. 2,147,380; Feb. 14.
Peterson, Ruben O., Glen Ellyn, and W. F. Bernstein, Brookfield, assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Fluid seal diaphragm. 2,149,147; Feb. 28.
Peterson, Russell G., assignor to G. H. Osgood, Tacoma, Wash. Wood veneer glue. 2,180,547; Nov. 21.
Peterson, Russell M., Holdrege, Nebr. Adjustable headrest. 2,180,768; Nov. 21.
Peterson, Samuel P., El Pasco, Tex. Automobile lock. 2,152,565; Mar. 28.
Peterson, Seth, Oak Park, and J. E. Gunseth, Jr., Glen Ellyn, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Secretarial answering system. 2,168,883; Aug. 8.
Peterson, Thomas F., Worcester, Mass. Heating device. 2,156,352; May 2.
Peterson, Victor W., and O. J. Maha, assignors to Hannifin Manufacturing Co., Chicago, Ill. Press and the like. 2,163,627; June 27.
Peterson, Wesley R., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polyamides. 2,174,527; Oct. 3.
Peterson, Wynford R., Nashville, Tenn. Antenna coupling system. 2,161,192; June 6.
Pethick, Ford C., Scranton, Pa. Lamp changer. 2,157,563; May 9.
Petigor, Edward, et al. (See Platt, Samuel C., assignor.)
Petitcolas, Pierre, Rouen, assignor to Compagnie Nationale de Matières Colorantes et Manufactures de Produits Chimiques du Nord Réunies, Etablissements Kuhlmann, Paris, France. Monoazo dyes of the xanthone series and making them. 2,157,431; May 9.
Petitcolas, Pierre, Rouen, assignor to Compagnie Nationale de Matieres Colorantes et Manufactures de Produits Chimiques du North Reunies, Etablissements Kuhlman, Paris, France. Azo dyestuffs and the manufacture thereof. 2,169,162; Aug. 8.
Petkovic, Valentin A., Berlin, Germany. Preparation of a rust-preventing coating on metallic objects. 2,163,984; June 27.
Petre, Ralph D., Cleveland, Ohio. Applying fluids to and cleaning articles. 2,178,701; Nov. 7.
Petrich, Jerry, New York, N. Y. Electric heater mixing device. 2,175,912; Oct. 10.
Petrie, Peter S. (See Britton, E. C., Nutting, and Petrie.)
Petro Chemical Company. (See Hershman, Paul R., assignor.)
Petroe, Gregory A., Niagara Falls, assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Apparatus for handling liquids. 2,151,935; Mar. 28.
Petroleum Engineering, Inc. (See Raigorodsky, Paul M., assignor.)
Petroleum Engineering, Inc. (See Rector, Norman K., assignor.)
Petroleum Iron Works Company of Ohio, The. (See Hanrahan, William I., assignor.)
Petroleum Iron Works Company of Ohio. (See Miller, Arthur O., assignor.)
Petroleum Processes Corporation. (See Tears, Claude F., assignor.)
Petroleum Rectifying Company of California. (See Wolfe, Halley, assignor.)

Petrolite Corporation. (See Blair, Charles M., Jr., assignor.)
Petrolite Corporation. (See De Groote, M., Keiser, and Blair, assignors.)
Petrolite Corporation. (See De Groote, Melvin, assignor.)
Petrolite Corporation. (See Eddy, Harold C., assignor.)
Petrolite Corporation, Ltd. (See De Groote, M., Keiser, and Blair, assignors.)
Petrolite Corporation, Ltd. (See De Groote, Melvin, assignor.)
Petrolo, Joseph. (See Grahek, Frank, assignor.)
Petrone, Joseph A. (See Hellman, J., Keyes, and Petrone.)
Petrov, Arthur, assignor to Midwest Doll Manufacturing Corporation, St. Louis, Mo. Voice producing mechanism. 2,174,594; Oct. 3.
Petruzates, William, Eagle River, Wis. Ice creeper. 2,182,737; Dec. 5.
Petry, Clayton H., assignor to The Turbo-Mixer Corporation, New York, N. Y. Mixing apparatus. 2,151,146; Mar. 21.
Petskeyes, Charles H., Bettendorf, and A. F. Uchtorff, Davenport, Iowa. Cooling apparatus for bread wrapping machines. 2,155,614; Apr. 25.
Petskeyes, Charles H., Davenport, assignor to Micro-Westco, Inc., Bettendorf, Iowa. Loaf transfer. 2,179,798; Nov. 14.
Petter, Charles G., Paris, France. Firing regulator. 2,154,770; Apr. 18.
Petter, Guy B., assignor of one-half to Petters Limited, Yeovil, England. Calculating or adding machine. 2,142,286; Jan. 3.
Petter, Noel A., Los Angeles, Calif. Display package. 2,143,957; Jan. 17.
Petters Limited. (See Petter, Guy B., assignor.)
Petterson, Charles J., Pasco, Wash. Ventilated seat for vehicles. 2,158,801; May 16.
Pettersson, Hjalmar L. and K. H. Lundqvist, assignors to Kooperativa Forbundet, Forening U. P. A., Stockholm, Sweden. Summator. 2,173,264; Sept. 19.
Pettett, Levi J., Lockland, Ohio. Seed drill. 2,153,991; Apr. 11.
Pettis, Glenn W., Detroit, Mich. Blackboard. 2,161,587; June 6.
Petty, Byron T., Effingham, Ill. Garment hanger. 2,164,420; July 4.
Petty, Earl. (See Cooke, M. B., and Petty.)
Petty, Edward L. (See Longshore, J. H., Smalley, and Petty.)
Petty, Edward L., assignor to Continental Car-Na-Var Corporation, Brazil, Ind. Rotary brush. 2,153,207; Apr. 4.
Petty, Henry J. (See Jeffreys, S. T., and Petty.)
Petty Laboratories, Inc. (See Reichert, Conrad, assignor.)
Petty, William S., assignor of two-thirds to R. and W. Young, Denver, Colo. Marking machine. 2,157,497; May 9.
Petz, Albert. (See Winkeler, H., and Petz.)
Petz, John L., Rochester, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,165,301; July 11.
Petzelt, Rudolph F., assignor to Master Doughnut Machine Company, Chicago, Ill. Device for forming doughnuts or the like. 2,148,774; Feb. 28.
Peuthert, Wilhelm, Berlin-Britz, assignor to Franz Seiffert & Co., Aktiengesellschaft, Berlin-Eberswalde, Germany. Expansion bend. 2,157,564; May 9.
Pevere, Ernest F., Beacon, assignor to The Texas Company, New York, N. Y. Removal of wax from hydrocarbon oil. 2,164,780; July 4.
Pevere, Ernest F., Beacon, and W. N. Meyer, Newburgh, assignors to The Texas Company, New York, N. Y. Diesel fuel. 2,178,327; Oct. 31.
Pew, John G., et al. (See Ramsey, J. A., and O'Neal, assignors.)
Pew, Thomas C., assignor to Hoover Ball & Bearing Company, Ann Arbor, Mich. Bearing retainer and making same. 2,146,440; Feb. 7.
Pew, Will D. (See Cartun, P. O., and Pew.)
Pexton, Stuart, W. K. Hutchison, and F. M. Birks, London, assignors to The Gas Light & Coke Company, Westminster, London, England. Treatment of gases with adsorbent solids. 2,157,565; May 9.
Peycke, Armand H., Kenilworth, R. W. Clyne, and W. H. Baselt, assignors to American Steel Foundries, Chicago, Ill. Wind brake. 2,172,567; Sept. 12.
Peyer, Eduard, assignor to the firm of Durand & Huguenin A. G., Basel, Switzerland. Producing easily soluble coerulein derivatives. 2,180,769; Nov. 21.
Peyruqueou, Pierre F., Mont-de-Marsan, assignor to Societe Anonyme des Freins Bendix, Clichy, Seine, France. Servo-clutch. 2,168,715; Aug. 8.
Peyser-Hansen Machine Co. (See Peyser, J., and Diezel, assignors.)
Peyser, Joseph, and W. Diezel, assignors to Peyser-Hansen Machine Co., Inc., Mount Vernon, N. Y. Seaming mechanism. 2,149,543; Mar. 7.
Peyton, Charles W. (See Peyton, James A. and C. W.)
Peyton, Harry S., Chicago Heights, Ill., assignor to American Locomotive Company, New York, N. Y. Making helical springs. 2,165,411; July 11.
Peyton, Harry S., Chicago Heights, Ill., assignor to American Locomotive Company, New York, N. Y. Method and machine for making springs. 2,176,719; Oct. 17.
Peyton, James A., San Antonio, Tex. Collar support for shirts. 2,158,379; May 16.
Peyton, James A. and C. W., San Antonio, Tex. Apparatus for holding sleeves. 2,175,308; Oct. 10.
Pezzolo, Caesar, San Francisco, Calif. Agricultural digging machine. 2,161,428; June 6.
Pezzolo, Francis C., Santa Clara County, Calif. Ignition control system. 2,142,082; Jan. 3.
Pfaff, Theodor, Weisswasser O.-L., Germany, assignor to General Electric Company. Production of coiled vitreous tubing. 2,177,743; Oct. 31.
Pfaff, Walter, Berlin-Zehlendorf, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk Siemensstadt near Buten, Germany. Telephone system. 2,167,725; Aug. 1.
Pfaff, Wesley. (See Lake, C. D., and Pfaff.)
Pfaffle, George P., Akron, Ohio. Stocking drying form. 2,153,050; Apr. 4.
Pfaffmann, Harry G., Kansas City, Mo., assignor to Burger-Baird Engraving Company. Etching machine. 2,177,877; Oct. 31.
Pfannekuchen, Ernst, Dusseldorf, Germany. Stage device for conjuring representations. 2,155,767; Apr. 25.
Pfannenstiehl, Harry, Mountain Lakes, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Two-way operating mechanism for shutters. 2,160,390; May 30.
Pfannschmidt, Rudolf, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Automatic telephone system. 2,153,313; Apr. 4.
Pfanstiehl, Carl, Highland Park, Ill., assignor to Pfanstiehl Chemical Company. Tipping apparatus. 2,145,274; Jan. 31.
Pfanstiehl, Carl, Highland Park, Ill., assignor to Pfanstiehl Chemical Company. Tip welding apparatus. 2,145,275; Jan. 31.
Pfanstiehl, Carl, Highland Park, Ill., assignor to Pfanstiehl Chemical Company. Welding tip. 2,146,276; Jan. 31.
Pfanstiehl, Carl, Highland Park, Ill., assignor to Pfanstiehl Chemical Company. Pen nib. 2,154,181; Apr. 11.
Pfanstiehl, Carl, Highland Park, Ill., assignor to Pfanstiehl Chemical Company. Tip welding method. 2,159,707; May 23.
Pfanstiehl, Carl, Highland Park, Ill., assignor to Pfanstiehl Chemical Company. Forming shaped small objects. 2,169,280; Aug. 15.
Pfanstiehl, Carl, Highland Park, Ill., assignor to Pfanstiehl Chemical Company. Apparatus for forming shaped small objects. 2,169,281; Aug. 15.
Pfanstiehl, Carl, Highland Park, Ill., assignor to Pfanstiehl Chemical Company. Small shaped metallic object. 2,169,966; Aug. 15.
Pfanstiehl, Carl, Highland Park, Ill., assignor to Pfanstiehl Chemical Company. Fluorescent material and preparing the same. 2,176,099; Oct. 17.
Pfanstiehl, Carl, Highland Park, Ill., assignor to Pfanstiehl Chemical Company. Fluorescent material and a fluorescent element incorporating the same. 2,176,100; Oct. 17.
Pfanstiehl Chemical Company. (See Chandler, Bruce C., assignor.)
Pfanstiehl Chemical Company. (See Pfanstiehl, Carl, assignor.)
Pfau, George M. (See Lederer, E. R., and Pfau.)
Pfaudler Co., The. (See Goodwin, Melville J., assignor.)
Pfaudler Co., The. (See Schanck, William D., assignor.)
Pfauser, Edward M., Elm Grove, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Hydraulic jack. 2,156,543; May 2.
Pfauser, Edward M., Elm Grove, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Automobile jack. 2,164,621; July 4.
Pfauser, Edward M., Elm Grove, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Portable hydraulic metal straightening machine. 2,165,504; July 11.
Pfauser, Edward M., assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Portable hydraulic metal straightening machine. 2,165,503; July 11.
Pfauter, Michael, Chemnitz, Germany. Rotary table for machine tools. 2,155,680; Apr. 25.
Pfautsch, Raymond V., assignor to Ilg Electric Ventilating Company, Chicago, Ill. Portable cooling fan. 2,165,650; July 11.
Pfeffer, Anton W., Spokane, Wash. Timed sprinkler. 2,149,899; Mar. 7.
Pfeffer, Edward C., Jr., Chicago, Ill., assignor to Continental Can Company, Inc., New York, N. Y. Coating can bodies. 2,169,816; Aug. 15.
Pfeffer, Henry W., Philadelphia, Pa., and H. O. Danz, assignors to American Blower Corporation, Detroit, Mich. Dust collection apparatus. 2,182,854; Dec. 12.
Pfefferle, George H., assignor to S. R. Dresser Manufacturing Company, Bradford, Pa. Standard adapter joint for connecting tubing. 2,148,036; Feb. 21.
Pfeiffer, Albert G., Stamford, Conn., and E. E. Murdock, Center Moriches, N. Y. Wall case. 2,181,065; Nov. 21.
Pfeiffer, Charles. (See Perry, Joseph B., assignor.)
Pfeiffer, Gustav, Bonn-on-the-Rhine, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Process and media for the preservation of green fodder. 2,160,167; May 30.

Pfeiffer, Gustav, Bonn-on-the-Rhine, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Process and media for the preservation of green fodder. 2,160,168; May 30.

Pfeiffer, Henry A., Fredericksburg, Tex. Beverage cooling cabinet. 2,179,898; Nov. 14.

Pfeiffer, Herman F., New York, N. Y., assignor to Submarine Signal Company, Boston, Mass. Recording apparatus. 2,147,668; Feb. 21.

Pfeiffer, Julius T., assignor to Erie Resistor Corporation, Erie, Pa. Spring attaching means. 2,149,746; Mar. 7.

Pfeiffer, Paul, Hamburg-Altona, Germany. Device for governing the fuel pump of a Diesel ram. 2,180,254; Nov. 14.

Pfeil, Fred C., Eggertsville, N. Y. Traffic signal. 2,143,899; Jan. 17.

Pfeil, Leonard B., Edgbaston, Birmingham, England, assignor to The International Nickel Company, Inc., New York, N. Y. Improving the workability of nickel and nickel alloys. 2,159,048; May 23.

Pfeil, William C., Chicago, Ill. Method of and apparatus for cubing ice. 2,165,573; July 11.

Pfendner, John, Chicago, Ill. Combination lock. 2,165,067; July 4.

Pfening, Fred D., Company, The. (See Pfening, F. D., and Conklin, assignors.)

Pfening, Frederic D., and M. Conklin, assignors to The Fred D. Pfening Company, Columbus, Ohio. Air conditioning apparatus. 2,156,162; Apr. 25.

Pfennig, Richard. (See Siefert, O., and Pfennig.)

Pferdmenges, Heinrich, Giesenkirchen, near Rheydt, Germany. Plural-ply woven fabrics. 2,180,770; Nov. 21.

Pfirrmann, Theodor W., Castrop-Rauxel, assignor to Friedrich Uhde, Dortmund, Germany. Making a solid bituminous hydrocarbon product. 2,167,250; July 25.

Pfister, Arthur, Woodside, N. Y., assignor, by mesne assignments, to J. H. Hammond, Jr., Gloucester, Mass. Timing control. 2,164,939; July 4.

Pfister, Lester J., El Paso, Ill. Agricultural machine. 2,163,849; June 27.

Pfister, Lester J., El Paso, Ill. Agricultural machine. 2,163,850; June 27.

Pfister, Lester J., El Paso, Ill. Agricultural machine. 2,163,851; June 27.

Pfitzer, Adolf, assignor to H. A. Currie, Chicago, Ill., doing business as Currie Mfg. Co. Starch tray.

Pfizer, Charles, & Company. (See Pasternack, R., and Blagg, assignors.)

Pfizer, Charles, & Company. (See Pasternack, R. and Brown, assignors.)

Pfizer, Charles, & Company. (See Pasternack, R., and Regna, assignors.)

Pflager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck structure. 2,167,125; July 25.

Pflager, Harry M., St. Louis, Mo., assignor to General Steel Castings Corporation, Granite City, Ill. Railway truck. 2,173,725; Sept. 19.

Pflander Co., The. (See Goecke, Rudolph E., assignor.)

Pflanze, Charles F., University City, Mo. Sheet feeding and forwarding mechanism. 2,151,228; Mar. 21.

Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,150,292; Mar. 14.

Pflasterer, George R., Greenville, assignor to The Union Switch & Signal Company, Swissvale, Pa. Controlling apparatus for highway crossing signals. 2,152,276; Mar. 28.

Pflasterer, George R., Greenville, assignor to The Union Switch & Signal Company, Swissvale, Pa. Recording mechanism. 2,153,675; Apr. 11.

Pflasterer, George R., Greenville, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,172,014; Sept. 5. 2,172,878; Sept. 12.

Pflasterer, George R., Greenville, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,175,408; Oct. 10.

Pflasterer, George R., Greenville, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit apparatus. 2,178,287; Oct. 31.

Pflasterer, George R., Greenville, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track switch controlling apparatus. 2,184,566; Dec. 26.

Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,155,870; Apr. 25.

Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track gauge and alignment detector. 2,158,013; May 9.

Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Lighting control apparatus. 2,161,681; June 6.

Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,168,817; Aug. 8.

Pflasterer, George R., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway track circuit. 2,176,612; Oct. 17.

Pfleger, George T. (See Heyer, D., and Pfleger.)

Pfleger, George T., Los Angeles, Calif., assignor to U. S. Electrical Motors, Inc. Adjustable rotary pump head. 2,164,837; July 4.

Pfleger, George T., Los Angeles, Calif., assignor to U. S. Electrical Motors, Inc. Variable ratio transmission device. 2,170,212; Aug. 22.

Pfleger, Robert A., Los Angeles, Calif. Paint striper. 2,165,812; July 11.

Pfleger, Walter E. (See Pope, A. C., and Pfleger.)

Pfleiderer, Fritz, Berlin-Wilmersdorf, assignor to Siemens and Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Telephone system. 2,145,095; Jan. 24.

Pfleiderer, Georg. (See Riehl, H-J., and Pfleiderer.)

Pfleiderer, Georg, Ludwingshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of alkali metal peroxides. 2,158,523; May 16.

Pflueger, Charles T., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Rod butt cap and hook holder. 2,144,122; Jan. 17.

Pflueger, Charles T., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Artificial bait. 2,158,037; May 9.

Pflueger, Charles T., assignor to The Enterprise Manufacturing Company, Akron, Ohio. Fishing reel. 2,184,242; Dec. 19.

Pflügner, Helmut, and E. Sohn, Berlin-Mariendorf, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Character transmitting system. 2,151,936; Mar. 28.

Pfost, Allen, et al. (See McCartney, Edward W., assignor.)

Pfundstein, Wayne, and O. Wilson, Chicago, Ill. Carton. 2,179,830; Nov. 14.

Pfundt, Paul, Kiel, Germany, assignor to The Brush Development Company, Cleveland, Ohio. Uniting fusible crystalline bodies. 2,168,943; Aug. 8.

Ph. Döppenschmitt, Goldwarenfabrik. (See Bürk, Heinrich, assignor.)

Phalen, William C., Syracuse, assignor to The Solvay Process Company, New York, N. Y. Treatment of wells. 2,161,085; June 6.

Phares, Thomas E., assignor to Chambers Corporation, Shelbyville, Ind. Pilot burner arrangement. 2,144,894; Jan. 24.

Pharis Tire and Rubber Company, The. (See Firestone, Vance S., assignor.)

Pharma Chemical Corporation. (See Markush, E. A., and Miller, assignors.)

Pharma Chemical Corporation. (See Markush, E. A., Mayzner, and Miller, assignors.)

Phelan, Alma E., Providence District, Va. Curtain. 2,158,762; May 16.

Phelan, Arthur J., Detroit, and H. S. Phelan, Berkley, assignors to Chrysler Corporation, Highland Park, Mich. Motor vehicle power transmission. 2,182,407; Dec. 5.

Phelan, Hubert S. (See Phelan, Arthur J. and H. S.)

Phelps, Alva W., and W. A. Kull, Saginaw, assignors to General Motors Corporation, Detroit, Mich. Steering gear. 2,159,225; May 23.

Phelps, Boyd E., La Porte, Ind. Side discharge body. 2,179,300; Nov. 7.

Phelps Dodge Copper Products Corporation. (See Beach, Harold K., assignor.)

Phelps Dodge Copper Products Corporation. (See Cawthra, Ernest H., assignor.)

Phelps Dodge Copper Products Corporation. (See Mitchell, Earle A., assignor.)

Phelps Dodge Copper Products Corporation. (See Zink, George W., assignor.)

Phelps, Dodge Corporation. (See Kuzell, Charles R., assignor.)

Phelps, Francis P., Washington, D. C., assignor to the Government of the United States, represented by the Secretary of Commerce. Preparing ribrose. 2,152,662; Apr. 4.

Phelps, George H., Floral Park, and H. S. Holmes, assignors to Metropolitan Engineering Company, Brooklyn, N. Y. Making hollow articles. 2,181,201; Nov. 28.

Phelps, George L. (See King, G. D., and Phelps.)

Phelps, Henry V., Nitta Yuma, Miss. Foot actuated switch structure. 2,157,942; May 9.

Phelps, Morton F., Little Rock, Ark. V-belt shifting means for cone pulleys. 2,162,968; June 20.

Phelps, Paul, assignor to The Girdler Corporation, Louisville, Ky. Bar cutter. 2,154,697; Apr. 18.

Phelps, Paul, Louisville, Ky., and J. Hohl, Cranford, N. J., assignors, by mesne assignments, to The Girdler Corporation, Louisville, Ky. Traveling cut-off. 2,154,695; Apr. 18.

Phelps, Paul, and W. E. Zoeller, assignors, by mesne assignments, to The Girdler Corporation, Louisville, Ky. Apparatus for refrigerating articles in transit. 2,154,696; Apr. 18.

Phelps, Roscoe G., Cleveland, Ohio, assignor to General Electric Compaany. Socket. 2,158,862; May 16.

Phelps, Stuart M., Pittsburgh, Pa., assignor to Ceramic Products Company. Press. 2,173,593; Sept. 19.

Phemister, John E., et al. (See Mulvaney, Edward L., assignor.)

Phemister, Mamie C., et al. (See Mulvaney, Edward L., assignor.)

Pheysey, Richard G., Ontario, Calif. Orchard heater. 2,158,636; May 16.

Philadelphia, Metal Drying Form Company. (See Guggenheim, Paul, assignor.)

Philadelphia Quartz Company. (See Baker, Chester L., assignor.)
Philadelphia Quartz Company. (See Wegst, W. F., and Wills, assignors.)
Philadelphia and Reading Coal and Iron Company, The (See Hagen, Hilmar R., assignor.)
Philadelphia and Reading Coal and Iron Company, The (See Johnson, Raymond C., assignor.)
Philadelphia and Reading Coal and Iron Company, The (See Rose, Harold J., assignor.)
Philadelphia Steel and Wire Corporation. (See Washer, Chandler C., assignor.)
Philadelphia Storage Battery Company. (See Montgomery, Andrew P., assignor.)
Philco Radio and Television Corporation. (See Barry, Gerald J., assignor.)
Philco Radio and Television Corporation. (See Barton, Loy E., assignor.)
Philco Radio and Television Corporation. (See Bauer, B., and Albright, assignors.)
Philco Radio and Television Corporation. (See Bennet, Paul R., assignor.)
Philco Radio & Television Corporation. (See Bingley, Frank J., assignor.)
Philco Radio & Television Corporation. (See Briggs, Joseph A., assignor.)
Philco Radio & Television Corporation. (See Duncan, Justin R., assignor.)
Philco Radio & Television Corporation. (See Earnshaw, David P., assignor.)
Philco Radio & Television Corporation. (See Freeland, Ernest C., assignor.)
Philco Radio and Television Corporation. (See Grimditch, W. H., Bowman, and Glaser, assignors.)
Philco Radio and Television Corporation. (See Grimes, David, assignor.)
Philco Radio and Television Corporation. (See Konkle, Philip J., assignor.)
Philco Radio and Television Corporation. (See Maxham, Elmer E., assignor.)
Philco Radio & Television Corporation. (See Miller, Ambrose C., assignor.)
Philco Radio & Television Corporation. (See Murray, Albert F., assignor.)
Philco Radio & Television Corporation. (See Thompson, Elmer O., assignor.)
Philip, Arthur, executor. (See Lloyd, R. J.)
Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Air conditioning system. 2,146,483; Feb. 7.
Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,146,484; Feb. 7.
Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus and method. 2,150,699; Mar. 14.
Philipp, Lawrence A., and N. J. Bohn, assignors to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,150,700; Mar. 14.
Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Air conditioning system. 2,153,695; Apr. 11.
Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Air conditioning system. 2,153,696; Apr. 11.
Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,155,059; Apr. 18.
Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,157,012; May 2.
Philipp, Lawrence A., assignor, by mesne asignments, to Nash-Kelvinator Corporation, Detroit, Mich. Air conditioning system. 2,162,860; June 20.
Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,165,505; July 11.
Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,166,506; July 18.
Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,166,908; July 18.
Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Air conditioning system. 2,169,899; Aug. 15.
Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Air conditioning system. 2,169,900; Aug. 15.
Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,172,129; Sept. 5.
Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Motor-compressor unit for refrigerating apparatus. 2,175,913; Oct. 10.
Philipp, Lawrence A., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,175,914; Oct. 10.
Philipp, Lawrence A., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Air conditioning system. 2,180,479; Nov. 21.
Philippe, George A., Henryetta, assignor of one-twentieth to H. B. Dowell, one-twentieth to A. A. Kinion, Sand Springs, one-twentieth to B. M. Slaymaker, and one-twentieth to O. L. Slaymaker, Tulsa, Okla. Glass cutting machine. 2,184,126; Dec. 19.
Philippe, Maurice G. E., Courbevoie, assignor to Société dite: La Bougie B. G., Paris, France. Apparatus for dressing the grinding wheels used for gearing. 2,166,020; July 11.
Philippe, Maurice G. E., Courbevoie, assignor to Societe Dite: La Bougie B. G., Paris, France. Gear wheel grinding apparatus. 2,172,032; Sept. 5.
Philipsen, Michael, Vedbaek, near Copenhagen, Denmark. Method and apparatus for determining the color of a liquid. 2,163,467; June 20.
Philipsen, Nikolaus M., Tokyo, Japan, assignor to Otto-Wilputte Ovenbouw Mij. (Otto-Wilputte Oven Construction Co.) N. V., The Hague, Netherlands. Underfired coke oven. 2,159,359; May 23.
Phillippi, Dale M., and J. E. Wilson, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Apparatus for producing colloidal suspensions of metals. 2,162,823; June 20.
Phillips, Albert J. (See Betterton, J. O., Phillips, and Smith.)
Phillips, Albert J. (See Perkins, M. F., and Phillips.)
Phillips, Alfred N., Jr., Stamford, Conn. Pump. 2,184,897; Dec. 26.
Phillips, Arthur C., assignor to Kapella Limited, Leicester, England. Optical projection apparatus. 2,179,799; Nov. 14.
Phillips, Arthur H., Hempstead, N. Y., and W. Allan, Jr., Ridgefield Park, N. J., assignors, by mesne asignments, to American Sales Book Company, Inc. Multiform stationery strip. 2,149,544; Mar. 7.
Phillips, Benjamin. (See Oscherwitz, M. B., and Phillips.)
Phillips, Cecil H. (See Armentrout, A. L., and Phillips.)
Phillips, Chas. H., Chemical Co. (See Walton, B., assignor.)
Phillips, Charles J., assignor to Corning Glass Works, Corning, N. Y. Strengthening glass. 2,143,796; Jan. 10.
Phillips, Charles J., assignor to Corning Glass Works, Corning, N. Y. Tempering glass articles. 2,145,128; Jan. 24.
Phillips, Charles J., assignor to Corning Glass Works, Corning, N. Y. Tempering glass articles. 2,146,224; Feb. 7.
Phillips, Charles S., Lansing, Mich., assignor to Food Machinery Corporation, San Jose, Calif. Portable wheel aligner. 2,160,226; May 30.
Phillips Corporation, The. (See Goss, Philip S., assignor.)
Phillips, David W., Chicago, Ill. Dental pin. 2,162,444; June 13.
Phillips, Edward W., Flint, Mich. Ventilating storm window. 2,152,566; Mar. 28.
Phillips, Elizabeth M., Columbus, Ohio. Removable seat cover. 2,172,890; Sept. 12.
Phillips, Ellis J. G., assignor to Richards-Wilcox Manufacturing Company, Aurora, Ill. Multiple door compartment. 2.142,408; Jan. 3.
Phillips, Ewell C., and L. L. Aspelin, Dayton, and R. E. Grey, Osborn, Ohio. Fuel feeding system. 2,183.586; Dec. 19.
Phillips, Floyd, Sandwich, Ill. Asparagus hopper and belt. 2,182,738; Dec. 5.
Phillips, Floyd O., and G. T. Evans, Amwell Township, Washington County, assignors of one-eighth to G. L. Lenk, Washington, Pa. Machine for inspecting, boxing, and weighing metal sheets. 2,182,408; Dec. 5.
Phillips, Gerald E. (See Hewlett, A. P., and Phillips.)
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring. 2,148,997; Feb. 28.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring assembly. 2,150,457; Mar. 14.
Phillips, Harold P., Webster Groves, Mo., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston skirt expander. 2,153,338; Apr. 4.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Inner piston expanding spring. 2,170,276; Aug. 22.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston ring. 2,175,409; Oct. 10.
Phillips, Harold P., assignor to Hastings Manufacturing Company, Hastings, Mich. Piston expander. 2,180,428; Nov. 21.
Phillips, Harry A., Chicago, Ill. Refrigeration control system. 2,164,081; June 27.
Phillips, John, Oakland, Calif. Two-cycle engine. 2,150,185; Mar. 14.
Phillips, John, Oakland, Calif. Control valve and converting system. 2,173,857; Sept. 26.
Phillips, Lionel F., New York, N. Y. Convertible electric conductor. 2,155,060; Apr. 18.
Phillips, Maxwell A. (See Eliel, L. T., Polley, and Phillips.)
Phillips, Noel. (See Clow, Alfred C., assignor.)
Phillips, Norman E., and P. K. Faerber, Washington, D. C. Sleeping bag. 2,179,424; Nov. 7.
Phillips, Orley O. (See Ryan, R. W., Mead, and Phillips.)

Phillips, Paul D., Elmhurst, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Lighting unit. 2,167,184; July 25.
Phillips Petroleum Company. (See Auld, D. W., assignor, and Anderson.)
Phillips Petroleum Company. (See Chapman, Herbert F., assignor.)
Phillips Petroleum Company. (See Christian, Jean E., assignor.)
Phillips Petroleum Company. (See Couch, Rhea, assignor.)
Phillips Petroleum Company. (See Crites, W. J., and Knowlton, assignors.)
Phillips Petroleum Company. (See Crites, W. J., and Lerch, assignors.)
Phillips Petroleum Company. (See Crites, Wilbur J., assignor.)
Phillips Petroleum Company. (See Drennan, Harry E., assignor.)
Phillips Petroleum Company. (See Endacott, Paul S., assignor.)
Phillips Petroleum Company. (See Farrell, J. L., and Ibach, assignors.)
Phillips Petroleum Company. (See Frey, Frederick E., assignor.)
Phillips Petroleum Company. (See Frey, F. E., and Bury, assignors.)
Phillips Petroleum Company. (See Frey, F. E., and Snow, assignors.)
Phillips Petroleum Company. (See Gibbs, L. T., and Jennings, assignors.)
Phillips Petroleum Company. (See Goldsmith, Fred C., assignor.)
Phillips Petroleum Company. (See Hamilton, Thomas J., assignor.)
Phillips Petroleum Company. (See Jennings, Gerald P., assignor.)
Phillips Petroleum Company. (See Knowlton, D. R., and Murphy, assignors.)
Phillips Petroleum Company. (See McConnell, Richard K., assignor.)
Phillips Petroleum Company. (See McCullough, Gerald W., assignor.)
Phillips Petroleum Company. (See McKinney, Paul V., assignor.)
Phillips Petroleum Company. (See Riney, A. H., and Gibbs, assignors.)
Phillips Petroleum Company. (See Riney, A. H., and Johnson, assignors.)
Phillips Petroleum Company. (See Schulze, Walter A., assignor.)
Phillips Petroleum Company. (See Schulze, W. A., and Oberfeld, assignors.)
Philips Petroleum Company. (See Snow, Robert D., assignor.)
Phillips Petroleum Cmpany. (See Steele, Francis E., assignor.)
Phillips Petroleum Company. (See Stephens, James P., assignor.)
Phillips Petroleum Company. (See Stephens, J. P., and Hamilton, assignors.)
Phillips Petroleum Company. (See Stephens, J. P., Rader, Steele, and Flood.)
Phillips Petroleum Company. (See Thomas, Rosswell W., assignor.)
Phillips Petroleum Company. (See Youker, Malcolm P., assignor.)
Phillips, Rodney F., Oakland, assignor of one-half to G. A. Scott, Berkeley, Calif. Concrete wall form. 2,165,905; July 11.
Phillips, Roy W., Wichita, Kans. Making identifiable photographs. 2,161,193; June 6.
Phillips, Samuel A., et al. (See Chaplin, Hershel W., assignor.)
Phillips Telescopic Tops Limited. (See Bradbury, Thomas H., assignor.)
Phillips, Theodore M. (See Campbell, J. A., Jr., and Phillips.)
Phillips, Ward, Los Angeles, Calif. Internal combustion engine. 2,156,304; May 2.
Phillips, William J., North Kansas City, and R. Scovel, Kansas City, Mo. Automatic indicating system. 2,152,151; Mar. 28.
Phillips,, Willis E., assignor to Bendix Radio Corporation, Chicago, Ill. Remote control apparatus. 2,167,850; Aug. 1.
Philp, James I., Grove Park, London, assignor to Austin Hoy and Company Limited, Aldwych, London, England. Elevator mechanism. 2,173,790; Sept. 19.
Philpott, La Verne R., Washington, D. C. Regulation of direct current. 2,146,761; Feb. 14.
Philpott. La Verne R., Washington, D. C. Frequency modulation. 2,180,369; Nov. 21.
Philson, Samuel R. (See Kaufman, G., and Philson.)
Philstan Products Company. (See Roadfuss, John P., assignor.)
Phinney, Edward D., Mount Vernon, N. Y. Television system. 2,146,512; Feb. 7.
Phinney, Robert H., assignor to Sani-Self Server Corporation, New York, N. Y. Dispensing apparatus for knives and like articles. 2,149,098; Feb. 28.
Phinney, Robert H., New York, and G. Du Bon, Rosedale, assignors, by mesne assignments, to Sani-Self Server Corporation, New York, N. Y. Dispensing apparatus. 2,149,099; Feb. 28.
Phinney, Robert M., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,157,864; May 9.
Phinney, Robert M., assignor to General Railway Signal Company, Rochester, N. Y. Train describer system. 2,184,702; Dec. 26.
Phipps, Edward, Highland Park, Mich. Guardrail. 2,146,912; Feb. 14.
Phipps, John T. (See Smith, H. C., and Phipps.)
Phipps, John T., Huntington Park, Calif., assignor to Phipps Oil Tool Co. Roller bit. 2,145,573; Jan. 31.
Phipps, John T., Huntington Park, assignor to Lane-Wells Company, Los Angeles, Calif. Gun perforator. 2,156,228; Apr. 25.
Phipps, John T., Huntington Park, Calif., assignor to Roy F. Wolfgram. Swab. 2,163,058; June 20.
Phipps, John T., Huntington Park, Calif., assignor to W. K. P. Oil Tool Co. Demountable rock bit. 2,182,903; Dec. 12.
Phipps Oil Tool Co. (See Phipps, John T., assignor.)
Phoebus Corporation. (See Smardo, Frank, assignor.)
Phoenix Glass Company, The. (See Stewart, A. H., and Kucera, assignors.)
Phoenix Hosiery Company. (See Ruedt, J. C., and Redeen, assignors.)
Phoenix Metal Cap Company. (See Crabbe, Lindsay T., assignor.)
Phosphate Recovery Corporation. (See Crago, Arthur, assignor.)
Phosphate Recovery Corporation. (See Tartaron, Francis X., assignor.)
Photocolor Corporation of America. (See Hesser, Edwin B., assignor.)
Photocolor Corporation of America. (See Hesser, Edwin B. and E. L. V., assignors.)
Photo-Cylinder Corporation. (See Huggins, Owen R., assignor.)
Photo Marketing Corporation. (See Bing, Joseph M., assignor.)
Photosculpture Limited. (See Jeffreys, S. T., and Petty, assignors.)
Phototstat Corporation. (See Landrock, Paul, assignor.)
Photoswitch Incorporated. (See Toporeck, Edward R., assignor.)
Physicians & Hospitals Supply Company. (See Roe, Hillman L., assignor.)
Piazze, Thomas E., assignor, by mesne assignments, to Marshall & Ilsley Bank, Milwaukee, Wis. Joining sheets. 2,157,732; May 9.
Piazzoli, Louis P., Jr., assignor to Capstan Glass Company, Connellsville, Pa. Heating device for glass lehrs and the like. 2,162,030; June 13.
Pica, Daniel. (See Katz, L., and Pica.)
Picard, Pierre, Paris, France. Multiple screw driver. 2,173,042; Sept. 12.
Picard, R. (See Schenk, Martin J., assignor.)
Picard, René, Paris, France, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Method and apparatus for the production of cellulosic structures. 2,156,923; May 2.
Picard, René, Paris, France, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resilient material. 2,171,805; Sept. 5.
Pick, Eric, New York, N. Y., assignor to The Permutit Company (1934), Wilmington, Del. Valved water softener. 2,146,983; Feb. 14.
Pick, Eric, assignor to The Permutit Company, New York, N. Y. Determining air–fuel ratios, in combustion 2,168,236; Aug. 1.
Pick, Eric, assignor to The Permutit Company, New York, N. Y. Water-treating apparatus. 2,170,975; Aug. 29.
Pick, Eric, East Rockaway, assignor to The Permutit Company, New York, N. Y. Agitator. 2,179,271; Nov. 7.
Pickard, Greenleaf W., Seabrook Beach, N. H., assignor to Radio Corporation of America. Direction finding system. 2,155,838; Apr. 25.
Pickell, Archie B. (See Pert, Henry G., assignor.)
Pickelsimer, Jesse B., Brevard, N. C. Belt buckle. 2,154,698; Apr. 18.
Picker X-ray Corporation Waite Manufacturing Division, Inc. (See Goldfield, Edwin R., assignor.)
Picker X-Ray Corporation Waite Manufacturing Division, Inc. (See Horsley, Caperton B., assignor.)
Picker X-Ray Corporation Waite Manufacturing Division, Inc. (See Stava, Robert J., assignor.)
Pickerell, Ernest J., Oskaloosa, Iowa. Driving gearing for washing machines and related supporting structure therefor. 2,176,446; Oct. 17.
Pickering, Benjamin D., Pomona, Calif. Signal device. 2,171,481; Aug. 29.
Pickett, Elmer J., New Haven, Ind. Strap ferrule affixing machine. 2,183,167; Dec. 12.
Pickett, Herbert L. (See Higgins, I. W., and Pickett.)
Picture Cover Bindings, Inc. (See Reavis, Winfred E., assignor.)
Picut, Frederick C., assignor to Economy Faucet Co., Newark, N. J. Faucet. 2,146,225; Feb. 7.
Picut, Frederick C., assignor to Economy Faucet Co., Newark, N. J. Faucet. 2,149,928; Mar. 7.
Picut, Frederick C., assignor to Economy Faucet Co., Newark, N. J. Combined flow regulator and faucet. 2,173,979; Sept. 26.
Piedmont Development Corporation. (See Manchey, Lessel L., assignor.)

Piedmont Development Corporation. (See Wright, John H., assignor.)
Piel, Carl, Solingen, Germany. Casting. 2,167,906; Aug. 1.
Pielstick, Gustav, assignor to Maschinenfabrik Augsburg-Nürnberg A. G., Augsburg, Germany. Engine frame. 2,148,639; Feb. 28.
Pielstick, Gustav, assignor to Maschinenfabrik Augsburg-Nurnburg A. G., Augsburg, Germany. Damping device. 2,184,504; Dec. 26.
Pieper, Alphonse F., Brighton, N. Y. Fluid control device. 2,171,292; Aug. 29.
Pieper, Howard K., Long Beach, Calif., assignor to E. B. Hall, V. P. Baker, and A. L. Armentrout. Cementing shoe. 2,179,017; Nov. 7.
Pier, Mathias, Heidelberg, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of liquid hydrocarbons. 2,179,829; Nov. 14.
Pier, Mathias, and A. Eisenhut, Heidelberg, Germany, assignors to Standard-I. G. Company, Linden, N. J. Separation of solid constituents from oils containing the same. 2,144,409; Jan. 17.
Pier, Mathias, Heidelberg, and F. Christmann, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Lubricant composition and preparing the same. 2,147,315; Feb. 14.
Pier, Mathias, Heidelberg, W. Simon, Ludwigshafen-on-the-Rhine, and E. Donath, Mannheim, Germany, assignors to Standard-I. G. Company, Linden, N. J. Production of valuable liquid hydrocarbons. 2,149,900; Mar. 7.
Pier, Mathias, Heidelberg, and W. Simon and P. Jacob, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J. Carrying out catalytic reactions. 2,154,527; Apr. 18.
Pier, Mathias, Heidelberg, and W. Simon and P. Jacob, Ludwigshafen-on-the-Rhine, Germany, assignors, by mesne assignments, to Standard-I. G. Company, Linden, N. J. Carrying out catalytic reactions. 2,159,511; May 23.
Pier, Mathias, Heidelberg, and E. Donath, Mannheim, Germany, assignors to Standard-I. G. Company, Linden, N. J. Fuel oil. 2,165,940; July 11.
Pier, Mathias, Heidelberg, W. Michael, Ludwigshafen-on-the-Rhine, and W. Jaeckh, Heidelberg, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of hydrocarbons. 2,167,004; July 25.
Pier, Mathias, Heidelberg, and W. Simon, R. Becker, and F. Stoewener, Ludwigshafen-on-the-Rhine, Germany, assignors to Standard-I. G. Company, Linden, N. J. Production of hydrocarbon products by thermal treatment of materials containing carbon. 2,170,976; Aug. 29.
Pier, Mathias, Heidelberg, W. Simon, Ludwigshafen-on-the-Rhine, and A. Eisenhut, Heidelberg, Germany, assignors to Standard-I. G. Company, Linden, N. J. Production of valuable hydrocarbon products. 2,177,376; Oct. 24.
Pieragostini, Tazio D. (See Rossini, C., and Pieragostini.)
Pierce, Albert R., Jr., South Dartmouth, Mass. Cigarette extinguisher. 2,164,082. June 27.
Pierce, Ambrose R., assignor to American Stove Company, St. Louis, Mo. Coal range. 2,154,008; Apr. 11.
Pierce, Carl, Chippewa Falls, Wis. Fastener. 2,146,649; Feb. 7.
Pierce, Charles E., Syracuse, N. Y. Split straightening arbor. 2,154,582; Apr. 18.
Pierce, Donald E., Mount Vernon, Wash. Milk pad. 2,176,275; Oct. 17.
Pierce, Earl R., and G. K. Hause, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Hydraulic brake wheel cylinder. 2,182,262; Dec. 5.
Pierce, Erold F., Pines Lake, N. J., assignor to Wright Aeronautical Corporation. Hydraulic valve tappet. 2,146,550; Feb. 7.
Pierce, Frank H., assignor of seventy per cent to S. E. Witt, New York, N. Y. Toy. 2,159,817; May 23.
Pierce, Frank L., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,152,277; Mar. 28.
Pierce. Frank L., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,174,595; Oct. 3.
Pierce, Frank R., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,168,537; Aug. 8.
Pierce Governor Company. (See McCullough, Neel M., assignor.)
Pierce Governor Company, The. (See Sherriff, Stanley S., assignor.)
Pierce, Harold C., Anaheim, Calif. Doorway guard and side slack bracing for crate-loaded cars. 2,156,866; May 2.
Pierce, Harold C., Pomona, Calif. Loading cars with boxed produce. 2,177,076; Oct. 24.
Pierce, Howard M., and J. H. Hermson, Brooklyn, assignors to A. G. Spalding & Bros., New York, N. Y. Calk device. 2,161,883; June 13.
Pierce, Howard M., and J. H. Hermson, Brooklyn, assignors to A. G. Spalding & Bros. Inc., New York, N. Y. Calk device. 2,178,106; Oct. 31.
Pierce, Howard M., J. H. Hermson, and N. H. Thorkelson, Brooklyn, assignors to A. G. Spalding & Bros., Inc., New York, N. Y. Athletic shoe. 2,178,107; Oct. 31.
Pierce, Howard M., and J. H. Hermson, Brooklyn, assignors to A. G. Spalding & Bros. Inc., New York, N. Y. Scabbard. 2,181,834; Nov. 28.
Pierce, James F., Chase, assignor of one-fourth to A. J. Drilling, Baldwin, Mich. Extensible vehicle body. 2,177,394; Oct. 24.
Pierce, John B., Foundation. (See Davison, Robert L., assignor.)
Pierce, John B., Foundation. (See Davison, R. L., and Anderegg, assignors.)
Pierce, John B., Foundation. (See Groeniger, William C., assignor.)
Pierce, John B., Foundation. (See Strong, William E. S., assignor.)
Pierce, John R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric wave receiver. 2,153,051; Apr. 4.
Pierce, Lee D. Fulton, N. Y. Apparatus for folding over ends of paper tubes. 2,163,806; June 27.
Pierce, Leslie F., Lebanon, Kans. Nut lock. 2,157,672; May 9.
Pierce, Norman J., Middletown, and F. A. Polkinghorn, Montclair, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio system. 2,173,858; Sept. 26.
Pierce, Raymond C., Chicago, Ill., assignor to J. W. Bullock, Memphis, Tenn. Parking meter. 2,153,480; Apr. 4.
Pierce Renewable Fuses, Inc. (See Popp, Louis R., assignor.)
Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Venetian blind. 2,156,163; Apr. 25.
Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Core member. 2,156,164; Apr. 25.
Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Hose construction. 2,156,899; May 2.
Pierce, Robert C., assignor to National Standard Company, Niles, Mich. Drawing of wire. 2,162,357; June 13.
Pierce, Robert E., assignor to Bemis Bro. Bag Co., St. Louis, Mo. Clipper. 2,151,438; Mar. 21.
Pierie, Edward W. (See Sedlon, V. J., and Pierie.)
Pierle, Henry C., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Tool holder for lathes. 2,173,633; Sept. 19.
Pieroh, Kurt. (See Mueller-Cunradi, M., and Pieroh.)
Pieroh, Kurt, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of unsaturated aliphatic or cycloaliphatic carboxylic acid nitriles. 2,174,756; Oct. 3.
Pierpoint, Albert J., and R. H. Crouch, London, England. Electrical treatment of water for the purpose of reducing hardness. 2,161,933; June 13.
Pierrel, Anthony S., Washington, La. Evaporator 2,158,946; May 16.
Pierson, Allen C., Berryville, Va. Geometrical device. 2,152,750; Apr. 4.
Pierson, Benjamin J., assignor to D. H. P. Manufacturing Co., Inc., Johnstown, N. Y. Machine for stretching and softening leather. 2,175,570; Oct. 10.
Pierson, Carl W., Rockford, Ill. Air treatment device. 2,173,073; Sept. 12.
Pierson, Charles A., assignor, by mesne assignments, to Standard Electric Manufacturing Corporation, Toledo, Ohio. Surface burner control. 2,148,407; Feb. 21.
Pierson, Charles M., and H. W. McPherson, assignors to Crane Co., Chicago, Ill. Coiled shutter for enclosures. 2,177,931; Oct. 31.
Pierson, Frode H., Hamden, assignor to The West Haven Buckle Company, West Haven, Conn. Cable hanger. 2,172,174; Sept. 5.
Pierson, Gordon G., assignor to Perkins Glue Company, Lansdale, Pa. Apparatus for applying material such as glue to successive pieces. 2,175,760; Oct. 10.
Pierson, James R. (See Kennedy, S. J., and Pierson.)
Pierson, Torvald N., assignor to Gleaner Harvester Corporation, Independence, Mo. Harvester frame. 2,147,267; Feb. 14.
Pierson, Torvald N., assignor to Cleaner Harvester Corporation, Independence, Mo. Delivery control mechanism for bins. 2,149,867; Mar. 7.
Pierson, Torvald N., assignor to Gleaner Harvester Corporation, Independence, Mo. Grain pan for harvesting machines. 2,161,634; June 6.
Pierson, Torvald N., assor to Gleaner Harvester Corporation, Independence, Mo. Clutch operating mechanism. 2,170,572; Aug. 22.
Pierson, Torvald N., assignor to Gleaner Harvester Corporation, Independence, Mo. Grain pan raising and lowering mechanism. 2,170,573; Aug. 22.
Pierson, Torvald N., assignor to Gleaner Harvester Corporation, Independence, Mo. Reel support for havesting machines. 2,178,023; Oct. 31.
Pierson, Willett C., East Orange, N. J., assignor to National Products Corporation, Washington, D. C. Vegetable tanned leather plastic. 2,184,467; Dec. 26.
Pierson, William D., and R. E. Walsh, assignors to The Waterbury Farrel Foundry & Machine Company, Waterbury, Conn. Adjustable spool mounting for wire spooler mechanism. 2,167,851; Aug. 1.

Pieters, Honoré A. J., Heerlen, Netherlands, assignor of one-half to Dr. C. Otto & Company, Bochum, Germany, and one-half to Staatsmijnen in Limburg, Heerlen, Netherlands. Removal of H_2S and HCN from gases. 2,169,282; Aug. 15.
Pieth, Peter. (See Hanhart, W., and Pieth.)
Pieth, Peter. (See Straub, F., and Pieth.)
Pieth, Peter. (See Straub, F., Pieth, and Schneider.)
Pieth, Peter. (See Straub, F., Schneider, and Pieth.)
Piety, Raymond G., Bartlesville, Okla., assignor to Radio Corporation of America. Method of and apparatus for testing acoustic translating devices. 2,178,347; Oct. 31.
Pifalo, Michael, Malden, Mass. Toy animal. 2,181,024; Nov. 21.
Pifer, George N., Cleveland Heights, assignor to Speedtype, Inc., Cleveland, Ohio. Making photographs. 2,178,896; Nov. 7.
Pigge, Hans, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Detecting and measuring ultra short wave oscillations. 2,165,726; July 11.
Piggott, Henry A. (See Baldwin, A. W., and Piggott.)
Piggott, Henry A. (See Burchill, J., Piggott, and White.)
Piggott, Henry A., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Manufacture of new quaternary ammonium salts. 2,146,406; Feb. 7.
Piggott, Henry A., and F. S. Statham, Blackley, Manchester, England, assignors to Imperial Chemical Industries Limited. Basic reaction products. 2,163,807; June 27.
Pignolet, Louis M., Chatham, N. J. Electrical measuring instrument. 2,179,952; Nov. 14.
Pike, Edwin F. (See Porsche, J. D., Pike, and Gabby.)
Pike, Otis W., Schenectady, N. Y., assignor to General Electric Company. Discharge device. 2,170,695; Aug. 22.
Pike, Ralph, Kalispell, Mont. Firearm. 2,143,028; Jan. 10.
Pike, Ralph H., Kalispell, Mont. Firearm. 2,156,191; Apr. 25.
Pike, Robert P., et al. (See Kuenzi, Harold R., assignor.)
Pike, Theodore F., assignor to Automatic Control Company, St. Paul, Minn. Circuit controlling system. 2,183,775; Dec. 19.
Pike, Vernon B. (See Baillard, H., and Pike.)
Piker, Louis M., assignor to The Hamilton Metal Products Company, Hamilton, Ohio. Metal receptacle. 2,155,871; Apr. 25.
Piker, Maurice L., and S. C. Pool, assignors to Eastman Kodak Company, Rochester, N. Y. Inhibiting of foaming in systems containing gelatine. 2,161,747; June 6.
Pikul, Joseph H., Boston, Mass. Sewing machine. 2,158,197; May 16.
Pikulik, Anna, Chicago, Ill. Ice creeper. 2,183,246; Dec. 12.
Pilblad, Eric J., Rockville Centre, assignor of twenty-six and one-fourth per cent to C. C. Strange, seventeen and one-half percent to A. J. McIntosh, seventeen and one-half per cent to A. L. Barach, and twelve and one-half per cent to E. J. Barach, New York, N. Y. Locking device. 2,148,498; Feb. 28.
Pilblad, Eric J., Rockville Centre, assignor of twenty-six and one-fourth per cent to C. C. Strange, seventeen and one-half per cent to A. J. McIntosh, seventeen and one-half per cent to A. L. Barach, and twelve and one-half per cent to E. J. Barach, New York, N. Y. Locking device. 2,148,499; Feb. 28.
Pilcher, Louie C., Dothan, Ala. Harvest collection bin. 2,147,798; Feb. 21.
Pilcher, William S. (See Carr, D. M., and Pilcher.)
Pilj, Carl, Los Angeles, Calif. Clamp for concrete wall forms. 2,164,592; July 4.
Pilkenton, Fonzo L. (See Melton, Ode E.)
Pilkey, Orrin H., Chicago, Ill., assignor to The Guardite Corporation. Moistening grain. 2,163,628; June 27.
Pilkington Brothers Limited. (See Gaskell, Joseph, assignor.)
Pilkington Brothers Limited. (See Griffin, James H., assignor.)
Pilkington Brothers Limited. (See Waldron, F. B., and Griffin, assignors.)
Pilkington Brothers Limited. (See Waldron, F. B., and Slocombe, assignors.)
Pilkington, David K., Sunbury-on-Thames, assignor, by mesne assignments, to R. L. Woodhouse, Melbourne, Victoria, Australia. Power transmitting device. 2,144,028; Jan. 17.
Pilkington, David K., Sunbury-on-Thames, England, assignor, by mesne assignments, to R. L. Woodhouse, Melbourne, Victoria, Australia. Power transmission device. 2,161,429; June 6.
Pillatzke, Ann, administratrix. (See Pillatzke, John M., assignor.)
Pillatzke, John M., deceased, Minneapolis, Minn.; A. Pillatzke, administratrix. Wall structure. 2,145,229; Jan. 24.
Piller, Franz, Munich, Germany. Base for color copying screens. 2,152,621; Mar. 28.
Pilling, Ada G., administratrix. (See Pilling, John.)
Pilling, John, deceased, Accrington, by A. Gertrude Pilling, administratrix, Dartford, assignor to Howard and Bullough, Limited, Accrington, Lancashire, England. Underclearer and mounting therefor in textile spinning, doubling, twisting, and like machines. 2,145,630; Jan. 31.
Pilliod Cabinet Company, The. (See Pilliod, G. L., and Judson, assignors.)
Pilliod Cabinet Company, The. (See Pilliod, T. J., and Müller, assignors.)
Pilliod, George L., and A. O. Judson, assignors to The Pilloid Cabinet Company, Swanton, Ohio. Necktie rack. 2,167,994; Aug. 1.
Pilliod, Thomas J., and F. C. H. Müller, assignors to The Pilliod Cabinet Company, Swanton, Ohio. Display case. 2,163,008; June 20.
Pillsbury Flour Mills Company. (See Harrel, C. G., and Lindert, assignors.)
Pilot Letter Label Co. (See Durand, Arthur F., assignor.)
Pilot Radio Corporation. (See Toth, E., and Cooper, assignors.
Piltz, Henry E. (See Odell, Karl E., assignor.)
Piltz, Henry E., Greenwood Township, Oceana County, Mich. Electrical connecter. 2,143,131; Jan. 10.
Pinard, Henry, Manchester, N. H. Pivoted axle for motor vehicles. 2,154,957; Apr. 18.
Pinazza, Giosué, Milan, Italy. Percussion implement. 2,176,801; Oct. 17.
Pincus, Al. (See Rolande, Edgar G., assignor.)
Pine, Herman. (See Ipatieff, V., and Pines.)
Pine, Wiliam B. (See Isham, Robert M., assignor.)
Pinell, Walter, Falkensee, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk, Siemensstadt, near Berlin, Germany. Telephone system. 2,159,101; May 23.
Pineo, Orrin W., Milo, Maine, assignor to The Calco Chemical Company, Inc., Bound Brook, N. J. Spectrophotometer and spectrophotometric analysis and prediction. 2,176,013; Oct. 10.
Pines, Herman. (See Ipatieff, V., and Pines.)
Pines, Herman. (See Ipatieff, V. N., and Pines.)
Pines Winterfront Company. (See Agerell, W. C., and Mueller, assignors.)
Pings, George H. (See Crowther, G. R. and Goodman, assignors.)
Pink, Clarence E., Cambridge, Md. Spiral fabric. 2,158,590; May 16.
Pinkernelle, Walter, Krefeld-Uerdingen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Derivative of substituted succinic acids. 2,182,178; Dec. 5.
Pinkerton, Roderick D., Chicago, Ill., and W. Mendius, Munster, Ind., assignors to Sinclair Refining Company, New York, N. Y. Catalytic condensation of hydrocarbons. 2,177,579; Oct. 24.
Pinter, Joseph, Jr. (See Pinter, Joseph, Sr., and Joseph, Jr.)
Pinter, Joseph, Sr., and J., Jr., Milwaukee, Wis. Convertible trailer-boat. 2,157,186; May 9.
Pinto, Albert P., New York, N. Y., assignor to Novo Patents, Inc. Steam drier and separator. 2,176,098; Oct. 17.
Pintsch, Julius, Kommanditgesellschaft. (See Dällenbach, Walter, assignor.)
Pintsch, Julius, Kommanditgesellschaft. (See Dällenbach, W., and Allerding, assignors.)
Pintsch, Julius, Kommanditgesellschaft. (See Gerecke, Eduard, assignor.)
Pintsch, Julius, Kommanditgesellschaft. (See Hass, C., Witt and Quade, assignors.)
Pintsch, Julius, Kommanditgesellschaft. (See Leischner, Georg, assignor.)
Pintsch, Julius, Kommanditgesellschaft. (See Müller, Paul, assignor.)
Pintsch, Julius, Kommanditgesellschaft. (See Rauhut, Paul, assignor.)
Pintsch, Julius Kommanditgesellschaft. (See Von Mihály, Dénes, assignor.)
Pioneer Atlanta Company. (See Floyd, Samuel R., assignor.)
Pioneer Atlanta Company. (See Payne, M. M., and Sifford, assignors.)
Pioneer Instrument Company. (See Doyle, Harvey, assignor.)
Pioneer Wrapper and Printing Co. (See Woolever, Harold E., assignor.)
Piore, Emanuel R., Philadelphia, Pa., assignor to Radio Corporation of America. Secondary electron emitting electrode. 2,147,669; Feb. 21.
Piore, Emanuel R., Philadelphia, Pa., assignor to Radio Corporation of America. Thin insulating film. 2,178,081; Oct. 31.
Pioso, Robert L. (See Dey, L. H., and Pioso.)
Piotrowski, John D., Elizabeth, N. J. Adjustable support. 2,146,913; Feb. 14.
Piou de Saint-Gilles, Gaston O. F., and J G. Y. Saget, Paris, France. Molded artificial fuel. 2,160,442; May 30.
Pipe-Joint Manufacturing Company Limited, The. (See Lowe, J. H., and King, assignors.)
Pipenhagen, Charles A. (See Huber, Horace H., assignor.)
Pipenhagen, Charles A., Chicago, Ill. Dispensing and applying fertilizer. 2,182,878; Dec. 12.
Piper, Charles D., Plymouth, Mich. Marble shooter. 2,173,132; Sept. 19.

Piper, James J., Spokane, Wash. Fire alarm. 2,166,264; July 18.
Piper, Walter F., Oak Park, assignor to The Beardsley & Piper Company, Chicago, Ill. Treating mulling sand. 2,144,636; Jan. 24.
Piper, Walter F., Oak Park, assignor to The Beardsley & Piper Company, Chicago, Ill. Mulling apparatus. 2,177,945; Oct. 31.
Piper, Walter S., Sheboygan, Wis. Rocking chair. 2,164,163; June 27.
Piperi, Anthony J., Galveston, Tex. Beater. 2,158,912; May 16.
Piperoux, Rene P., Radburn, N. J., assignor to Celluloid Corporation. Extruded article and device for making same. 2,161,588; June 6.
Piperoux, Rene P., Radburn, N. J., assignor to Celluloid Corporation. Manufacture of tubes. 2,173,859; Sept. 26.
Pipi, Michael, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Eraser for pencil and holding tip therefor. 2,161,086; June 6.
Pipkin, Marvin, and R. E. Worstell, Cleveland Heights, Ohio, assignors to General Electric Company. Flash lamp. 2,142,372; Jan. 3.
Pippenger, John E., Crescent, Okla. Well flowing device. 2,143,450; Jan. 10.
Pippin, John W., Corpus Christi, Tex. Drilling apparatus. 2,144,687. Jan. 24.
Pippin, John W., Corpus Christi, Tex. Drilling apparatus. 2,169,283; Aug. 15.
Piquerez, Emile, Saint Cloud, France. Packing or wrapping for viscous liquids and pasty materials. 2,147,349; Feb. 14.
Pirani, Marcello, Berlin-Wilmersdorf, and H. Wolff, Zeuthen, Germany, assignors to General Electric Company. Leading-in wire for electric devices. 2,153,390; Apr. 4.
Pires, Eugenio P. C. (See Paes, F. D., Salazar de Eca, and Pires.)
Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Magnetic braking system. 2,150,630; Mar. 14.
Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Brake shoe linkage. 2,150,631; Mar. 14.
Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Body bolster construction and motor ventilation system. 2,154,771; Apr. 18.
Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Making springing elements. 2,164,421; July 4.
Piron, Emil H., assignor, by mesne assignments, to Transit & Research Corporation, New York, N. Y. Truck and swing bolster construction. 2,171,069; Aug. 29.
Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Wheel and springing element therefor. 2,172,641; Sept. 12.
Piron, Emil H., assignor, by mesne assignments, to Transit Research Corporation, New York, N. Y. Track brake suspension. 2,178,643; Nov. 7.
Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Body construction and heating and ventilating system. 2,178,644; Nov. 7.
Piron, Emil H., assignor to The Transit Research Corporation, New York, N. Y. Trolley base. 2,181,570; Nov. 28.
Piron, Emil H., assignor to Transit Research Corporation, New York, N. Y. Rail truck suspension. 2,184,102; Dec. 19.
Piroumoff, George S., New York, and L. L. Cross, assignors to Brockway Motor Company, Inc., Cortland, N. Y. Sectionalized vehicle body. 2,151,229; Mar. 21.
Pirsch, Peter, assignor to Peter Pirsch and Sons Co., Kenosha, Wis. Ladder. 2,171,863; Sept. 5.
Pirsch, Peter, and Sons Co. (See Pirsch, Peter, assignor.)
Pirwitz, Friedrich A. G., assignor to Wollensak Optical Company, Rochester, N. Y. Photographic shutter. 2,165,574; July 11.
Pisarev, David, Bethlehem, Pa. Induction heating device. 2,182,819; Dec. 12.
Pisarev, David, Bethlehem, Pa. Induction coil. 2,182,820; Dec. 12.
Pisciotta, Frank, St. Albans, N. Y. Hair curler. 2,157,244; May 9.
Pisciotta, Frank, St. Albans, N. Y. Clamp for hair curlers. 2,172,033; Sept. 5.
Pitar, Adolph, Brooklyn, and O. Dahloff, Jamaica, N. Y. Combined bottle closure and comb wiper. 2,157,432; May 9.
Pitcairn, Harold F. (See Ray, J. G., Pitcairn, and Larsen.)
Pitcairn, Harold F., Beyn Athyn, Pa., assignor by mesne assignments, to Autogiro Company of America. Aircraft with rotative sustaining blades. 2,169,849; Aug. 15.
Pitcher, Edith M., Utica, N. Y. Educational toy clock dial. 2,172,450; Sept. 12.
Pitcher, James B., Saginaw, Mich. Bust form. 2,156,512; May 2.
Pithoud, Myron A., Long Beach, Calif. Setting tower footings. 2,163,808; June 27.
Pitman, Earle C., Lincroft, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Cigarette paper. 2,179,953; Nov. 14.
Pitman, Henry L., Westfield, N. J., assignor, by mesne assignments, to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,156,481; May 2.
Pitman, Henry L., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,160,487; May 30.
Pitman, Henry L., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,164,422; July 4.
Pitman, Henry L., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,168,448; Aug. 8.
Pitman, Henry L., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,168,538; Aug. 8.
Pitman, Henry L., Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Combined typewriting and computing machine. 2,178,702; Nov. 7.
Pitman-Moore Company. (See Donleavy, John J., assignor.)
Pitman-Moore Company. (See Fisk, Frank B., assignor.)
Pitney-Bowes Postage Meter Co. (See Ogden, Jacob W., assignor.)
Pitney-Bowes Postage Meter Co. (See Rouan, F. J., and Sova, assignors.)
Pitney-Bowes Postage Meter Co. (See Strother, John A., assignor.)
Pitney-Bowes Postage Meter Company. (See Thatcher, Linden A., assignor.)
Pitney-Bowes Postage Meter Co. (See Wheeler, Walter H., Jr., assignor.)
Pitney, Earl H., Willmar, assignor of one-fourth to W. K. Berger and one-half to R. H. Fryberger, Minneapolis, Minn. Automatic station selector for radio receivers. 2,172,623; Sept. 12.
Pitsch, Helmut. (See Ewald, W. F., Wilhelm, Pitsch, and Tüxen.)
Pitsch, Helmut, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Demodulator. 2,165,764; July 11.
Pitsch, Julius A., Hollywood, assignor of one-half to E. C. Harlin, Los Angeles, Calif. Electric switch. 2,183,892; Dec. 19.
Pitt, Harold M., Jr., Los Angeles, and A. M. Esberg, Mountain View, Calif. Production of liquid sulphur dioxide. 2,162,637; June 13.
Pitt, Ralph T., Quincy, assignor to General Paper Products Corp., Boston, Mass. Liner for coffee-grounds holders of coffee makers. 2,150,588; Mar. 14.
Pitt, Ralph T., Quincy, assignor to Abrasive Products, Inc., Boston, Mass. Package of abrasive strips. 2,159,634; May 23.
Pitt, William, Brooklyn, N. Y. Circuit closer for use in a signaling device for motor vehicles. 2,167,031; July 25.
Pittenger, Paul S., assignor to Sharp & Dohme, Incorporated (1929), Philadelphia, Pa. Container for lyophilic biologically active substances. 2,176,041; Oct. 10.
Pittenger, Paul S., assignor to Sharp & Dohme, Incorporated (1929), Philadelphia, Pa. Container for lyophilic biologically active substances. 2,176,042; Oct. 10.
Pittenger, Paul S., assignor to Sharpe & Dohme, Incorporated, Philadelphia, Pa. Moistureproof container. 2,181,150; Nov. 28.
Pittenger, Paul S., and J. W. Jester, assignors to Sharp & Dohme, Incorporated, Philadelphia, Pa. Hexylresorcinol capsule. 2,155,444; Apr. 25.
Pittenger, Paul S., and J. W. Jester, assignors to Sharp & Dohme, Incorporated, Philadelphia, Pa. Manufacture of hexylresorcinol capsules. 2,155,445; Apr. 25.
Pittinger, Alphonse H. (See Pittinger, Fred W., assignor.)
Pittinger, Fred W., assignor of one-half to A. H. Pittinger, Akron, Ohio. Sliding marker for number game cards. 2,170,033; Aug. 22.
Pittman, Franklin L., Frankfort, N. Y., assignor of one-third to J. Van Vorst. Lineman's protector. 2,173,634; Sept. 19.
Pittman, Glen, Wayne, Mich. Hydraulic transmission. 2,162,315; June 13.
Pittman, Leon V. (See Weinheimer, C. M., Weaver, and Pittman.)
Pittman, Leon V., Dearborn, and C. M. Weinheimer, Detroit, assignors, by mesne assignments, to Kuhlman Electric Company, Bay City, Mich. Furnace and control therefor. 2,151,439; Mar. 21.
Pittman, O. C. (See Massey, Emmett, assignor.)
Pittman, Ralph A., Eldorado, Ark., and J. A. Gardner, Memphis, Tenn. Dental articulator. 2,164,144; June 27.
Pittman, Ralph R., Pine Bluff, Ark. Lightning arrester. 2,164,720; July 4.
Pittman, Ralph R., Pine Bluff, Ark. Repulsion lightning arrester. 2,169,110; Aug. 8.
Pittman, Ralph R., Pine Bluff, Ark. Voltage limiting and arc extinguishing device. 2,177,744; Oct. 31.
Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. Transformer ventilator. 2,146,311; Feb. 7.
Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. Tap clamp. 2,151,524; Mar. 21.

Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. Conductor protector. 2,151,525; Mar. 21.
Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. Electric cut-out. 2,157,215; May 9.
Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark Circuit breaker. 2,160,562; May 30.
Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. Surge-protected circuit interrupter. 2,170,337; Aug. 22.
Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. Surge-protected fuse switch. 2,174,476; Sept. 26.
Pittman, Ralph R., and C. H. Walsh, Pine Bluff, Ark. Surge-protected fuse link. 2,174,477; Sept. 26.
Pitts, Frederick B. (See Bookout, A. C., and Pitts.)
Pittsburgh Annealing Box Company. (See Deahl, Kenneth J., assignor.)
Pittsburgh Equitable Meter Company. (See Chrisman, Horace, assignor.)
Pittsburgh Equitable Meter Company. (See MacLean, Allen D., assignor.)
Pittsburgh Equitable Meter Company. (See Marsh, W. H., and Brooks, assignors.)
Pittsburgh Equitable Meter Company. (See McRaven, Charles H., assignor.)
Pittsburgh Equitable Meter Company. (See Niesemann, Fritz, assignor.)
Pittsburgh Equitable Meter Company. (See Thoresen, Einar, assignor.)
Pittsburgh Equitable Meter Company. (See Watts, Eustace G., assignor.)
Pittsburgh Plate Glass Company. (See Beecher, B. K., and Waldeck, assignors.)
Pittsburgh Plate Glass Company. (See Bertrand, Pierre, assignor.)
Pittsburgh Plate Glass Company. (See Black, Lloyd V., assignor.)
Pittsburgh Plate Glass Company. (See Cady, George H., assignor.)
Pittsburgh Plate Glass Company. (See Cox, Samuel F., assignor.)
Pittsburgh Plate Glass Company. (See Cox, S. F., and Knudsen, assignors.)
Pittsburgh Plate Glass Company. (See Currie, Kent D., assignor.)
Pittsburgh Plate Glass Company. (See Dennison, Brook J., assignor.)
Pittsburgh Plate Glass Company. (See Fulton, Clarence E., assignor.)
Pittsburgh Plate Glass Company. (See Fusca, Emil A., assignor.)
Pittsburgh Plate Glass Company. (See Gage, Frederick, assignor.)
Pittsburgh Plate Glass Company. (See Green, James, assignor.)
Pittsburgh Plate Glass Company. (See Gregory, James, assignor.)
Pittsburgh Plate Glass Company. (See Hall, Frank W., assignor.)
Pittsburgh Plate Glass Company. (See Harrington, Alfred L., assignor.)
Pittsburgh Plate Glass Company. (See Haux, E. H., and Fix, assignors.)
Pittsburgh Plate Glass Company. (See Hoffmann, Gilbert F., assignor.)
Pittsburgh Plate Glass Company. (See Jamieson, James L., assignor.)
Pittsburgh Plate Glass Company. (See Johnson, Melvin W., assignor.)
Pittsburgh Plate Glass Company. (See Jollie, Andrew, assignor.)
Pittsburgh Plate Glass Company. (See Knudsen, Percy E., assignor.)
Pittsburgh Plate Glass Company. (See Kutchka, Karl G., assignor.)
Pittsburgh Plate Glass Company. (See Limbers, Don R., assignor.)
Pittsburgh Plate Glass Company. (See Lytle, William O., assignor.)
Pittsburgh Plate Glass Company. (See Maley, Martin J., assignor.)
Pittsburgh Plate Glass Company. (See Marini, Herman R., assignor.)
Pittsburgh Plate Glass Company. (See McLeod, J. D., and Reynolds, assignors.)
Pittsburgh Plate Glass Company. (See Miller, Robert A., assignor.)
Pittsburgh Plate Glass Company. (See Muskat, Irving E., assignor.)
Pittsburgh Plate Glass Company. (See Muskat, I. E., and Cady, assignors.)
Pittsburgh Plate Glass Company. (See Muskat, I. E., and Chenicek, assignors.)
Pittsburgh Plate Glass Company. (See Muskat, I. E., and King, assignors.)
Pittsburgh Plate Glass Company. (See Muskat, I. E., and Taylor, assignors.)
Pittsburgh Plate Glass Company. (See Muskat, I. E., and Waldeck, assignors.)
Pittsburgh Plate Glass Company. (See Nash, Arthur D., assignor.)
Pittsburgh Plate Glass Company. (See Owen, William, assignor.)
Pittsburgh Plate Glass Company. (See Parkinson, Joseph C., assignor.)
Pittsburgh Plate Glass Company. (See Scull, R. D. Russell, assignor.)
Pittsburgh Plate Glass Company. (See Sherts, James H., assignor.)
Pittsburgh Plate Glass Company. (See Sherts, J. H., and Dennison, assignors.)
Pittsburgh Plate Glass Company. (See Stroud, Charles E., assignor.)
Pittsburgh Plate Glass Company. (See Toney, Edward F., assignor.)
Pittsburgh Plate Glass Company. (See West, George L., assignor.)
Pittsburgh Plate Glass Company. (See Whittemore, Russell G., assignor.)
Pittsburgh Reflector Company. (See Hoeveler, John A., assignor.)
Pittsburgh Research Corporation. (See Moore, William E., assignor.)
Pittsburgh Research Corporation. (See Moore, W. E., and Wallis, assignors.)
Pittsburgh Steel Company. (See Chambers, Alexander, assignor.)
Pittsburgh Steel Company. (See Kitto, William C., assignor.)
Pittsburgh Steel Company. (See McNabb, Arthur E., assignor.)
Pittsburgh Steel Company. (See Watkins, James K., assignor.)
Pittsfield Third National Bank and Trust Company, The, executor. (See Duvoisin, Edward M.)
Pityo, Albert F. (See O'Neill, F., Jr., and Pityo.)
Pityo, Albert F., Clifton, assignor to Tri State Cap & Cap Machinery Co., Inc., Newark, N. J. Machine for applying container covers to containers. 2,146,347; Feb. 7.
Pitzer, Edgar C. (See Gordon, N. E., and Pitzer.)
Pitzner, Alwin F. (See Burack, Harry, assignor.)
Pitzner, Alwin F. (See Grindle, Aubrey J., assignor.)
Pixley, Judson S., Astoria, assignor to Armspear Manufacturing Company, New York, N. Y. Electric lantern. 2,145,631; Jan. 31.
Place, Bion C., Detroit, Mich. Toggle bolt. 2,144,895; Jan. 24.
Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Fastener. 2,154,993; Apr. 18.
Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Fastener. 2,165,412; July 11.
Place, Bion C., assignor to Prestole Devices, Inc., Detroit, Mich. Adapting sheet metal device for threaded fasteners. 2,165,765; July 11.
Place, Bion C., assignor to Prestole Devices, Inc., Detroit, Mich. Adapting sheet metal for screws. 2,169,056; Aug. 8.
Place, Bion C., assignor to Prestole Devices, Inc., Detroit, Mich. Adapting sheet metal elements for screws. 2,169,057; Aug. 8.
Place, Bion C., assignor to one-half to George E. Gagnier, Detroit, Mich. Fastener. 2,170,483; Aug. 22.
Place, Bion C., assignor to Prestole Devices, Inc., Detroit, Mich. Fastening sheet metal members. 2,172,258; Sept. 5.
Place, Bion C., assignor of one-half to G. E. Gagnier, Detroit, Mich. Securing trim panels. 2,174,447; Sept. 26.
Place, Charles E. S., assignor to C. L. Brackett, Detroit, Mich. Inhibiting thread surface seizure. 2,173,003; Sept. 12.
Place, Charles E. S., assignor to C. L. Brackett, Detroit, Mich. Antiseizing screw threaded unit. 2,173,004; Sept. 12.
Place, Charles E. S., assignor to C. L. Brackett, Detroit, Mich. Thread surface coating composition. 2,181,835; Nov. 28.
Place, Willard P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Receiving apparatus for communication systems. 2,156,702; May 2.
Place, Willard P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,182,163; Dec. 5.
Place, Willard P., Wilkinsburg, and A. J. Sorensen, Edgewood, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,178,806; Nov. 7.
Plachy, James, Cleveland, Ohio. Battery terminal. 2,142,759; Jan. 3.
Plack, Ferdinand T., Harrisburg, Pa. Soap cake holder and drainer. 2,184,805; Dec. 26.
Placke, Everett H., assignor to The National Cash Register Company, Dayton, Ohio. Cash register. 2,176,561; Oct. 17.
Plaistowe, Donald L. (See Kemp, R. J., and Plaistowe.)
Plaistowe, Donald L., and D. J. Fewings, Chelmsford, England, assignors to Radio Corporation of America. Oscillator. 2,159,818; May 23.
Plaks, Louis, Brooklyn, N. Y. Pattern holder. 2,172,681; Sept. 12.
Plaman, Albert J., and J. T., Newhall, and O. Hovden, Fairmont, Calif. Combination tobacco receptacle and cigarette maker. 2,167,773; Aug. 1.
Plambeck, Emil W., assignor, by mesne assignments, to Baker-Perkins Company, Inc., Saginaw, Mich. Article controlled duster. 2,142,373; Jan. 3.
Plambeck, Emil W., assignor to Baker Perkins Company, Inc., Saginaw, Mich. Dough molder. 2,146,846; Feb. 14.

Planer, Victor, Paris, France, assignor of fifty percent to J. Oppenheimer, New York, N. Y. Portable apparatus for making iced bodies. 2,155,956; Apr. 25.
Plante, Arthur N., Winsted, Conn. Nest structure. 2,158,831; May 16.
Planters Manufacturing Company. (See Hargroves, Willis W., assignor.)
Plantrou, Eugène, Rouen, France. Patinating wood and other vegetable materials. 2,167,813; Aug. 1.
Plants, Kenneth E., Hornell, N. Y. Garment hanger support. 2,144,772; Jan. 24.
Plaskon Company. (See Bennett, Hubert D., assignor.)
Plaskon Company. (See Cordier, D. E., and Bolz, assignors.)
Plaskon Company. (See Ellis, Carleton, Jr., assignor.)
Plaskon Company. (See Howald, A. M., and Meyer, assignors.)
Plaskon Company. (See Jeffery, J. H., and Matt, assignors.)
Plaskon Company. (See Shepard, W. N., and Howald, assignors.)
Plaskon Company. (See Slaughter, Charles E., assignor.)
Plass, Robert H., Upper Montclair, N. J. Dehairing of pelts. 2,143,422; Jan. 10.
Plass, Robert H., Upper Montclair, N. J. Method and apparatus for mounting pieced fur upon a carrier sheet. 2,175,309; Oct. 10.
Plass, Robert H., Upper Montclair, N. J., assignor to American Machine & Foundry Company. Soft-package wrapping machine. 2,156,460; May 2.
Plasse, Jean M. J., El Hajeb, Morocco. Can opener combined with a stopper and a dispensing device. 2,172,293; Sept. 5.
Plassmeyer, Louis D., assignor to Herman Pneumatic Machine Company, Zelienople, Pa. Molding machine. 2,148,132; Feb. 21.
Plastaras, James C., Laurelton, N. Y., assignor to Wil-X-M'f'g Corporation. Spraying device. 2,149,929; Mar. 7.
Plastaras, James C., Laurelton, N. Y., assignor to Wil-X-M'f'g Corporation. Nozzle for spraying devices. 2,149,930; Mar. 7.
Plastic Inlays, Inc. (See Sypher, Milford G., assignor.)
Plastino, Rubino, New York, N. Y., assignor to Transoceanic Aerial Control System, Inc., Wilmington, Del. Radio navigational guide system. 2,171,293; Aug. 29.
Plāte, Robert T., Detroit, Mich. Hair curler. 2,149,627; Mar. 7.
Plating and Galvanizing Company, The. (See Camel, Leroy, assignor.)
Platinum Products Corp. (See Schmitt, George P., assignor.)
Platou, Leiv S. (See Brickman, A. E., and Platou.)
Platt, Benjamin and P., Chicago, Ill. Bag frame jaw for luggage carriers. 2,184,848; Dec. 26.
Platt, Haviland H., New York, N. Y. Variable pitch propeller. 2,152,419; Mar. 28.
Platt, Haviland H., New York, N. Y. Variable pitch propeller. 2,177,535; Oct. 24.
Platt, Herbert. (See Dreyfus, C., and Platt.)
Platt, Herbert. (See Dreyfus, C., Whitehead, and Platt.)
Platt, Herbert, Cumberland, Md., assignor to Celanese Corporation of America. Producing textile fabrics. 2,158,147; May 16.
Platt, Herbert, and A. Lyem, Cumberland, Md., assignors to Celanese Corporation of America. Textile material. 2,147,056; Feb. 14.
Platt, Herbert, and A. Lyem, Cumberland, Md., assignors to Celanese Corporation of America. Fabric and making same. 2,147,057; Feb. 14.
Platt, Herbert, Cumberland, Md., and A. B. Snowdon, Hilldale, N. J., assignors to Celanese Corporation of America. Making a composite fabric. 2,165,506; July 11.
Platt, Paul. (See L'Amie, Francis A., assignor.)
Platt, Paul. (See Platt, Benjamin and P.)
Platt, Samuel C., assignor of one-fourth to A. Lavenburg, and one-fourth to E. Petigor, New York, N. Y. Camera. 2,143,385; Jan. 10.
Platt, Stephen A., Decatur, Ill. Electric corn popper. 2,159,489; May 23.
Platt, Stephen A., assignor to U. S. Manufacturing Corporation, Decatur, Ill. Utensil handle. 2,159,728; May 23.
Platt, Stephen A., assignor to U. S. Manufacturing Corporation, Decatur, Ill. Electric heating device. 2,160,227; May 30.
Platter, Charlie E. and O. R., North Vernon, Ind. Chair. 2,171,189; Aug. 29.
Platter, Orval R. (See Platter, Charles E. and O. R.)
Plattner, Placidus. (See Miescher, K., Kaegi, and Plattner.)
Plattring, Adolph M. and F. F., New York, N. Y. Dropper. 2,173,662; Sept. 19.
Plattring, Frederic F. (See Plattring, Adolph M. and F. F.)
Platts, Harvey R., Boulder, Colo. Cutlery construction. 2,182,303; Dec. 5.
Platz, Carl. (See Daimler, K., and Platz.)
Platz, Carl, Frankfort-on-the-Main, and J. Rosenbach, Wiesbaden, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Amino-carboxylic acids and preparing them. 2,164,781; July 4.
Platz, Henry T., assignor to Briggs Manufacturing Company, Detroit, Mich. Automatic valve for welding machines. 2,151,563; Mar. 21.
Platz, Henry T., assignor to Briggs Manufacturing Company, Detroit, Mich. Welding equipment. 2,159,860; May 23.
Platz, Henry T., assignor to Briggs Manufacturing Company, Detroit, Mich. Pneumatic counterbalancing fixture. 2,176,979; Oct. 24.
Plax Corporation. (See Ferngren, Enoch T., assignor.)
Plax Corporation. (See Ferngren, E. T., and Kopitke, assignors.)
Plax Corporation. (See Kopitke, William H., assignor.)
Playfair, Annie F., Winnipeg, Manitoba, G. W. F. Brisbin, Dominion City, Manitoba, and R. C. Jordan, deceased (A. M. Jordan, executrix), Winnipeg Manitoba, Canada; said A. M. Jordan, assignor to said G. W. F. Brisbin, and said A. F. Playfair. Fire extinguishing bomb and bracket therefor. 2,168,136; Aug. 1.
Pleasant, Herman E. (See Hills, R. B., and Pleasant.)
Pleasants, Clellan R., San Francisco, Calif. Vapor clearing. 2,160,900; June 6.
Plebanski, Jozef, Warsaw, Poland, assignor to Radio Patents Corporation, New York, N. Y. Phase control system. 2,172,107; Sept. 5.
Plebanski, Jozef, Warsaw, Poland, assignor to Radio Patents Corporation, New York, N. Y. Electrical circuits. 2,174,166; Sept. 26.
Pleet, John, Chicago, Ill. Spring structure. 2,148,961; Feb. 28.
Pleiss, Walter H., Ludington, Mich., assignor to Burke & James, Inc., Chicago, Ill. Film clip. 2,169,073; Aug. 8.
Pleister, Henry W., Westfield, assignor to Diamond Expansion Bolt Co. Inc., Garwood, N. J. Bolt anchor. 2,143,086; Jan. 10.
Plensler, Alexander W., assignor to Resistelite Corporation, Chicago, Ill. Resistance element for rheostats. 2,162,969; June 20.
Plessisville Foundry Limited, The. (See Bilocq, Georges A., assignor.)
Pletcher, Clarence B., Buchanan, Mich. Blast gun. Re. 21,275; Nov. 21.
Pletcher, Harry S., and C. F. Gatons, assignors to The Moore Corporation, Joliet, Ill. Stove construction. 2,171,632; Sept. 5.
Pleuthner, Charles, assignor to Martin & Schwartz, Inc., Buffalo, N. Y. Gasoline dispenser. 2,175,483; Oct. 10.
Plews, Ralph G., Winnipeg, Manitoba, Canada. Oil ejector. 2,168,493; Aug. 8.
Pliantor Inc. (See Costigan, Peter J., assignor.)
Plibrico Jointless Firebrick Company. (See Dunlap, Charles W., assignor.)
Plint, Joseph. (See Gurton, W. S., Plint, and Nyberg.)
Ploeger, Clyde E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,169,284; Aug. 15.
Ploeger, Clyde E., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,178,807; Nov. 7.
Ploehn, John H., Bettendorf, Iowa, assignor to French & Hecht, Incorporated. Wheel mounting. 2,151,045; Mar. 21.
Ploehn, John H., Bettendorf, Iowa, assignor to French & Hecht, Incorporated. Wheel structure. 2,161,381; June 6.
Ploehn, John H., Bettendorf, Iowa, assignor to French & Hecht, Incorporated. Wheel assembly. 2,176,544; Oct. 17.
Ploen, Curtis W., assignor to The Okadee Company, Chicago, Ill. Water-glass protector. 2,149,100; Feb. 28.
Ploetz, Elmer C., Utica, Minn. Snow plow. 2,154,353; Apr. 11.
Ploetz, Ernst. (See Ulrich H., and Ploetz.)
Ploetz, Ernst. (See Ulrich, H., Ploetz, and Bögemann.)
Ploke, Martin, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Cathode ray tube. 2,149,101; Feb. 28.
Ploke, Martin, assignor to Zeiss Ikon Atkiengesellschaft, Dresden, Germany. Picture-translating tube. 2,159,568; May 23.
Ploke, Martin, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany Image dissector tube. 2,160,672; May 30.
Ploke, Martin, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Cathode ray tube screen. 2,182,451; Dec. 5.
Ploke, Martin, and W. Lang, Dresden, Germany. Secondary electron multiplier. 2,163,700; June 27.
Ploke, Martin, and W. Lang, assignors to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Secondary electron multiplier. 2,150,632; Mar. 14.
Plotkin, Joseph H., assignor to S. Dresner & Son, Inc., Chicago, Ill. Stop hinge for luggage cases. 2,181,025; Nov. 21.
Plotkin, Joseph H., assignor to S. Dressner & Son, Inc., Chicago, Ill. Partition for luggage. 2,181,587; Nov. 28.
Plotkin, Oscar H., assignor to S. Dresner & Son, Inc., Chicago, Ill. Hand luggage. 2,148,244; Feb. 21.
Plotkin, Oscar H., assignor to S. Dresner & Son, Inc., Chicago, Ill. Hand luggage. 2,157,833; May 9.
Plott, George R., Concord, N. C., assignor to W. H. Bahan, Greenville, S. C. Eccentric bolt lock for loom swords. 2,148.577; Feb. 28.
Plötz, Feodor, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Permanet magnet dynamo-electric machine. 2,163,496; June 20.

Plouffe, Charles. (See Kirk, L. H., and Plouffe.)
Plow, Richard H. (See Olson, Edgar T., Katzen, and Plow.)
Plow, Richard H. (See Olson, E. T., and Plow.)
Pluckrose, Reginald G., Woodford Green, England. Wool winder. 2,164,145; June 27.
Plueckhahn, Robert C., Buffalo, N. Y. Dash manipulated hood lock. 2,162,638; June 13.
Plumb, Roy A., Pleasant Ridge, Mich., assignor to The Truscon Laboratories. Roof tile. 2,151,148; Mar. 21.
Plumb, Walter G., Ridgewood, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Die for forming and knurling sheet metal can tops. 2,177,027; Oct. 24.
Plumb, Walter G., Ridgewood, N. J., assignor to Continental Can Company, Inc., New York, N. Y. Metal container. 2,181,340; Nov. 28.
Plumb, Walter G., Glen Rock, N. J., and H. Schrader, Wheeling, W. Va., assignors to Continental Can Company, Inc., New York, N. Y. Metal container having a solderless side seam. 2,171,711; Sept. 5.
Plummer, J. M. (See Thigpen, Thelma T., assignor.)
Plummer, Jesse H., Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Mineral fiber binder. 2,184,316; Dec. 26.
Plummer, Jesse L., and C. Sullivan, Kansas City, Mo. Landing indicator for airports. 2,170,338; Aug. 22.
Plummer, Walter A., Jr., Los Angeles, Calif. Bag. 2,150,985; Mar. 21.
Plummer, William B., assignor to Standard Oil Company, Chicago, Ill. Underwater drilling. 2,171,672; Sept. 5.
Plumstead, Joseph E., Wilmington, Del., assignor, by mesne assignments, to Raffold Process Corporation, Andover, Mass. Paper manufacture. 2,178,606; Nov. 7.
Plunguian, Mark. (See Hochwalt, C. A., and Plunguian.)
Plunguian, Mark. (See Samaras, N. N. T., and Plunguian.)
Plunkett, Brian, Cumberland, Md., assignor to Celanese Corporation of America. Warp stop motion. 2,167,907; Aug. 1.
Plüschke, Jorge, Mexico, D. F., Mexico. Plant for working mercury ores. 2,156,192; Apr. 25.
Plym, Francis J., assignor to The Kawneer Company, Niles, Mich. Adjustable andiron. 2,161,194; June 6.
Plympton, Frederic K., Fairfield, Conn., and L. Emerson, Pawtucket, R. I. Straightening machine. 2,149,069; Feb. 28.
Pneuman, Arthur H., Syracuse, N. Y. Power operated hacksaw. 2,182,234; Dec. 5.
Pneumatic Cap & Seal Corporation. (See Burkardt, Anton F., assignor.)
Pneumatic Scale Corporation. (See Everett, Arthur C., assignor.)
Pneumatic Scale Corporation. (See Howard, Stanley R., assignor.)
Pneumatic Scale Corporation. (See Hultin, Oscar H., assignor.)
Pneumatic Scale Corporation. (See Lindholm, A. W., and Anderson, assignors.)
Pneumatic Scale Corporation. (See Robinson, George A., assignor.)
Pneumatic Scale Corporation. (See Schroeder, Arthur C., assignor.)
Pneumatic Scale Corporation. (See Vergobbi, John G., assignor.)
Pneumatic Truck Body Corporation. (See Gregoric, Brand F., assignor.)
Poch, Waldemar J., Collingswood, N. J., assignor to Radio Corporation of America. Television apparatus. 2,151,149; Mar. 21.
Poch, Waldemar J., Collingswood, N. J., assignor to Radio Corporation of America. Television apparatus. 2,151,526; Mar. 21.
Poch, Waldemar J., Collingswood, N. J., assignor to Radio Corporation of America. Protective circuits. 2,178,764; Nov. 7.
Poch, Waldemar J., Collingswood, N. J., assignor to Radio Corporation of America. High frequency amplifier. 2,183,203; Dec. 12.
Pocock, Paul C., Marion, and V. S. Shaw, Mount Gilead, Ohio, assignors to The Hydraulic Press Corp., Inc., Wilmington, Del. Hydraulic press with variable retraction for platens. 2,166,319; July 18.
Podany, Edward J. (See Marvin, C. B., and Podany.)
Podbielniak, Walter J., Chicago, Ill. Method and apparatus for the manufacture of a spiral. 2,143,451; Jan. 10.
Podbielniak, Walter J., assignor to B. B. Schneider, Chicago, Ill. Seal for centrifugal fluid treating apparatus. 2,153,640; Apr. 11.
Podbielniak, Walter J., assignor to B. B. Schneider, Chicago, Ill. Mechanical rubbing-type seal. 2,158,832; May 16.
Podbielniak, Walter J., assignor to B. B. Schneider, Chicago, Ill. Centrifugal fluid-treating apparatus and seal. 2,172,222; Sept. 5.
Podd, Ernest A., and F. J. Niven, Houston, Tex. Channel chair. 2,163,889; June 27.
Podel, Abraham, New York, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Sealing device and method of sealing. 2,154,409; Apr. 11.
Podel, Abraham, New York, assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Nonrefillable bottle and parts thereof. 2,184,468; Dec. 26.
Podgorny, Joseph. (See Motkowicz, C., and Podgorny.)
Podmore, Arthur, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Preparation of cut tobacco. 2,151,527; Mar. 21.
Podmore, Arthur, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Manufacture of cigarettes. 2,164,423; July 4.
Podolsky, Jacob, Dorchester, Mass. Siphon-breaking device. 2,164,622; July 4.
Podolsky, Jacob, Dorchester, Mass. Washer. 2,172,592; Sept. 12.
Poe, Lloyd R., assignor of one-third to J. J. Fisher and one-third to E. Bennington, Bloomington, Ill. Antiskid device. 2,143,523; Jan. 10.
Poe, Thomas G., Hayti, Mo. Clothes washing machine. 2,143,496; Jan. 10.
Poege, Max, Uster, near Zurich, Switzerland. Device for holding cigarettes and cigars. 2,167,586; July 25.
Poel, William F. (See Bikkers, Alexander, assignor.)
Poeppelmeier, Frank H., assignor to Dayton Type, Incorporated, Dayton, Ohio. Typesetting machine. 2,152,854; Apr. 4.
Poetschke, Paul, Bronxville, N. Y. Paper and paper making. 2,171,986; Sept. 5.
Poey, Charles D., Bayside, N. Y., assignor to The Miller Company, Meriden, Conn. Indirect lighting fixture. 2,144,931; Jan. 24.
Poggi, Claudio. (See Galloni, G., and Poggi.)
Pogoda, Rudolf. (See Waxman, C. F., and Pogoda.
Pohl, Edward. (See Schack, A., and Pohl.)
Pohl, Ernst, Kiel, Germany. Tiltable couch for x-ray diagnosing purposes. 2,177,808; Oct. 31.
Pohl, Ernst, assignor to Buderussche Eisenwerke, Wetzlar, Germany. Mold. 2,147,350; Feb. 14.
Pohl, Jenny, geb Hohl, executrix or administratrix. (See Schack, A., and Pohl.)
Pohl, Robert H., Newark, N. J., assignor to Sloane-Blabon Corporation, Philadelphia, Pa. Floor covering material and coating therefor. 2,153,723; Apr. 11.
Pohlhausen, Karl, Berlin-Halensee, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric locomotive structure. 2,182,640; Dec. 5.
Pohlman, Edward J., Detroit, Mich. Expansion reamer. 2,145,370; Jan. 31.
Pohlmeyer, August H., Chincoteague, Va. Clutch mechanism. 2,151,150; Mar. 21.
Poinan, Frank J., assignor of one-half to W. C. Smith, Rochester, N. Y. Suspending line wire. 2,149,070; Feb. 28.
Poirier, Edmon R., San Francisco, Calif. Bath and friction brush. 2,153,844; Apr. 11.
Poitras, Edward J., Jackson Heights, and J. D. Tear, Great Neck, assignors to Ford Instrument Company, Inc., Long Island City, N. Y. Fluid seal. 2,153,774; Apr. 11.
Poitras, Joseph A., Fort Lee, N. J., assignor to Solar Manufacturing Corporation, New York, N. Y. Electrolytic condenser. 2,181,607; Nov. 28.
Pokorný, Ermín, Prague, Czechoslovakia. Water tube boiler. 2,151,988; Mar. 28.
Pokorny, Karel, et al. (See Stružík, František, assignor.)
Pokorny, Oldrich S., Sarnia, Ontario, Canada, assignor to Standard Oil Development Company. Treating hydrocarbon oils with esters of phenols. 2,146,650; Feb. 7.
Pokorny, Oldrich S., Sarnia, Ontario, Canada, assignor to Standard Oil Development Company. Solvent dewaxing process. 2,160,985; June 6.
Pokorny, Oldrich S., and G. W. Gurd, Sarnia, Ontario, Canada, assignors to Standard Oil Development Company. Solvent extraction of hydrocarbon oils. 2,176,746; Oct. 17.
Pola Fabricca Di Prodotti Chimici S. A. (See Rosengart, P., and Rabald, assignors.)
Polack, Herber. (See Winter, E., and Polack.)
Polacsek, Maurice, Brooklyn, N. Y. Multiple pack book package. 2,155,203; Apr. 18.
Polacsek, Maurice, Brooklyn, N. Y. Finger rest plate on knives. 2,168,237; Aug. 1.
Polák, Bohumil, Prague, Czechoslovakia. Hair clip. 2,164,940; July 4.
Polak, James J., Arnhem, and J. G. Weeldenburg, Ede, Netherlands, assignors to American Enka Corporation, Enka, N. C. Manufacture of artificial silk. 2,145,527; Jan. 31.
Polak, James J., Arnhem, and J. G. Weeldenburg, Ede, Netherlands, assignors to American Enka Corporation, Enka, N. C. Manufacture of artificial silk. 2,179,195; Nov. 7.
Polak, James J., Arnhem, and J. G. Weeldenburg, Ede, Netherlands, assignors to American Enka Corporation, Enka, N. C. Manufacture of artificial silk. 2,179,196; Nov. 7.
Polak, Louis, Bethlehem, Pa. Finish for walls. 2,162,861; June 20.
Polanco, Joseph, New York, N. Y. Game. 2,168,104; Aug. 1.
Polaroid Corporation. (See Land, Edwin H., assignor.)
Polariod Corporation. (See Land, E. H., and Grabau, assignors.)
Polaroid Corporation. (See Land, E. H., and Rogers, assignors.)
Polaroid Corporation. (See West, Cutler D., assignor.)
Polaroid Corporation. (See Wolff, Otto E., assignor.)

Poleck, Hans, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, near Berlin, Germany. Measuring arrangement for potential transformers. 2,178,645; Nov. 7.
Poleck, Hans, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Tilting relay depending on the ratio between current and voltage and the phase displacement. 2,182,641; Dec. 5.
Poletis, Louis, New York, N. Y. Tool for drilling ceramic materials. 2,174,389; Sept. 26.
Polhamus, William G. (See Arnold, R. H., Polhamus, and Somervell.)
Polhamus, William G. (See Jauch, R. J., Polhamus, and Arnold.)
Polhemus, Charles B., San Jose, Calif. Barbecue stove. 2,168,944; Aug. 8.
Polhemus, John K., assignor to Agfa Ansco Corporation, Binghamton, N. Y. View finder for cameras. 2,154,958; Apr. 18.
Polillo, Joseph, Ridgefield, Wash. Combination hand weeder and cultivator. 2,143,660; Jan. 10.
Polin, Herbert S., Sands Point, N. Y. Liquid content indicator. 2,159,531; May 23.
Poliner, Rose, New York, N. Y. Convertible meat grinder and juice extractor. 2,162,564; June 13.
Polis, Max, assignor to S. G. Polis, Brooklyn, N. Y. Electric attachment plug. 2,179,861; Nov. 14.
Polis, Sylvia G. (See Polis, Max, assignor.)
Polivka, Rudolph, Berwyn, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Attaching parts. 2,177,377; Oct. 24.
Polk, Gilbert C. See Bartch, M. J., and Polk.)
Polk, Gilbert C., assignor to American Blower Corporation, Detroit, Mich. Ventilating apparatus. 2,154,410; Apr. 11.
Polk, Harry H., and W. J. Marks, Des Moines, Iowa. Combination wheel vamp and wheel jack. 2,166,477; July 18.
Polk, Ralph, Jr. (See Polk, Ralph, Sr., and Polk, R., Jr.)
Polk, Ralph, Sr., Tampa, and R. Polk, Jr., Haines City, Fla. Apparatus for forming segment-apex cavities in citrus fruits. 2,155,768; Apr. 25.
Polk, Robert E., executor. (See Polk, Robert H.)
Polk, Robert H., deceased, Hapeville, Ga.; R. E. Polk, executor. Vehicle steering wheel switch. 2,182,764; Dec. 5.
Polkinghorn, Frank A. (See Pierce, N. J., and Polkinghorn.)
Pollack, Lazarus W. (See Lorenz, W., and Pollack.)
Pollak, Abraham, Royersford, Pa. Penholder. 2,151,440; Mar. 21.
Pollak, Arthur. (See Frankel, E. M., and Pollak.)
Pollak, Arthur, Kaznejov, Czechoslovakia. Producing lumpy, water-resistant bodies consisting substantially of magnesium oxide and calcium compounds. 2,144,740; Jan. 24.
Pollak Steel Co., The. (See Paque, Edward J., assignor.)
Pollard, Charles W. (See Maclean, R. S., and Pollard.)
Pollard, Nedd C., Beverly, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and means for inserting fastenings. 2,157,216; May 9.
Pollard, Willard L., Evanston, Ill. Variable speed transmission. 2,177,946; Oct. 31.
Pollard, Willard L., Evanston, Ill. Variable speed transmission. 2,181,380; Nov. 28.
Pollen, Charles F., Winnetwa, assignor to M. H. Detrick Company, Chicago, Ill. Furnace roof construction. 2,163,435; June 20.
Pollen, Charles F., Winnetka, assignor to M. H. Detrick Company, Chicago, Ill. Still construction and the like. 2,168,272; Aug. 1.
Polley, Edward R. (See Eliel, L. T., Polley, and Phillips.)
Polley, Ray F., assignor to Mills Novelty Company, Chicago, Ill. Thermostatic water regulator for water-cooled refrigerating systems. 2,142,734; Jan. 3.
Pollifrone, Frank, Tiburon, Calif. Can pouring spout. 2,145,632; Jan. 31.
Pollitt, Stanley D. (See Appleyard, K. C., and Pollitt.)
Pollnow, Charles F., assignor to Vestal Chemical Company, St. Louis, Mo. Fluid dispensing apparatus. 2,153,156; Apr. 4.
Pollock, Benjamin H., Jenkintown, Pa. Safety device for windows. 2,181,790; Nov. 28.
Pollock, Jim, Vinton, Iowa. Driving and sealing means for rotary fluid impellers. 2,150,078; Mar. 7.
Pollock, Leopold, New York, N. Y. Ornament. 2,172,757; Sept. 12.
Pollopas Patents Limited. (See de Rougé, Charles R. A. M., assignor.)
Pollopas Patents Ltd., et al. (See Janzen, Otto, assignor.)
Pollopas Patents, Ltd. (See Montrose-Oster, Louis E. W., assignor.)
Pollopas Patents Ltd. (See Schulze-Alsen, Hans, assignor.)
Polston, John R., Tulsa, Okla. Automatic check and shut-off valve. 2,171,190; Aug. 29.
Polstra, Charles R. (See Linstead, G., and Polstra.)
Polushkin, Eugene P., New York, N. Y. Hardness tester. 2,182,235; Dec. 5.
Polushkin, Eugene P., New York, N. Y. Micrometer gauge. 2,182,236; Dec. 5.
Polydoroff, Wladimir J., Wilmette, assignor to Johnson Laboratories, Inc., Chicago, Ill. Selective radio circuit. Re. 21,281; Nov. 28.
Polydoroff, Wladimir J., Wilmette, assignor to Johnson Laboratories, Inc., Chicago, Ill. Radio-amplifying circuits. Re. 21,282; Nov. 28.
Polydoroff, Wladimir J., Wilmette, assignor to Johnson Laboratories, Inc., Chicago, Ill. High frequency coupling device. 2,144,029; Jan. 17.
Polydoroff, Wladimir J., Wilmette, assignor to Johnson Laboratories, Inc., Chicago, Ill. High-frequency radio amplifying circuits. 2,158,251; May 16.
Polydoroff, Wladimir J., Wilmette, assignor to Johnson Laboratories, Inc., Chicago, Ill. High-frequency coupling device. 2,165,575; July 11.
Polydoroff, Wladimir J., assignor to Johnson Laboratories, Inc., Chicago, Ill. Inductive tuning system. 2,158,252; May 16.
Polygraphic Company of America, Inc. (See Wolf, Charles J., Jr., assignor.)
Polymerization Process Corporation, The. (See Keith, P. C., Jr., Robinson, and Roberts, assignors.)
Polzer, Fridolin, assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Staple driving machine. 2,160,514; May 30
Poma, William, Detroit, Mich. Cue rack and slidable locking means therefor. 2,179,272; Nov. 7.
Pomeranz, Jacob J. (See Tanasso, V., and Pomeranz.)
Pomernacki, Valerius, Chicago, Ill. Automobile foot pedal safety control. 2,163,962; June 27.
Pomernacki, Valerius, Chicago, Ill. Automotive driver's instant foot control. 2,167,959; Aug. 1.
Pomfrett, John M., Emporium, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Radio tube mount. 2,172,323; Sept. 5.
Pomilio Corporation Limited. (See Pomilio, Umberto, assignor.)
Pomilio, Umberto, Rome, Italy, assignor to Pomilio Corporation Limited, London, England. Continuous process for the manufacture of semipulp. 2,178,266; Oct. 31.
Pommer, Erwin, Vienna, Austria. Bottle sealing apparatus. 2,157,013; May 2.
Pommer, Erwin, Vienna, Austria. Device for applying and attaching tear-off caps to bottles. 2,166,784; July 18.
Pomona Products Company. (See Smith, John B., assignor.)
Pompilio, Victor A., Yonkers, N. Y. Thumb tack. 2,178,024; Oct. 31.
Pond, Harold J., Minneapolis, Minn. Scrubbing machine. 2,148,775; Feb. 28.
Pond, Kenneth H., Longmeadow, assignor to Bemis and Call Company, Springfield, Mass. Lock construction. 2,163,852; June 27.
Pond, Kenneth H., Longmeadow, assignor to Bemis and Call Company, Springfield, Mass. Lock construction. 2,163,853; June 27.
Pond, Kenneth H., Longmeadow, assignor to Bemis and Call Company, Springfield, Mass. Lock construction. 2,183,168; Dec. 12.
Pongratz, Alfred, Graz, Germany, assignor to H. Reichhold, Detroit, Mich., doing business as Reichhold Chemicals. Producing phthalic anhydride. 2,157,965; May 9.
Poniatoff, Alexander M., Mill Valley, Calif. Hair waving heater. 2,152,359; Mar. 28.
Ponndorf, Arthur, and W. Fuhrmann, assignors to Universelle Cigarettenmaschinenfabrik J. C. Muller & Co., Dresden, Germany. Production of cardboard box cuttings. 2,172,988; Sept. 12.
Ponomareff, Alexander I., Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Blower apparatus. 2,169,233; Aug. 15.
Ponomareff, Alexander I., Springfield, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Blower apparatus. 2,169,234; Aug. 15.
Ponselle, Robert A., New York, N. Y. Bumper. 2,153,481; Apr. 4.
Ponten, Jean S. and O. W., Oakland, Calif. Serving tray. 2,179,273; Nov. 7.
Ponten, Olaf W. (See Ponten, Jean S. and O. W.)
Pontis, William G., and C. H. Kindl, Dayton, Ohio, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Compressor or pump. 2,162,639; June 13.
Pontius, George W., Jr., South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Fuel and air mixing device. 2,143,958; Jan. 17.
Pontius, George W., Jr., South Bend, Ind., assignor to International Engineering Corporation, Chicago, Ill. Burner. 2,175,310; Oct. 10.
Pontoppidan, Carl, Holte, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Mill. 2,160,169; May 30.
Pontremoli, Raymond, New Kensington, Pa. Water heater. 2,142,409; Jan. 3.
Poock, Louis F. (See Markwick, F. H., and Poock.)
Poock, Louis F., and W. F. Aller, assignors to The Sheffield Gage Corporation, Dayton, Ohio. Gauging apparatus. 2,159,343; May 23.
Pool, Charles E., Cleveland, Ohio, assignor of one-half to H. E. Davisson, Clarksburg, W. Va. Method and apparatus for separating materials. 2,178,456; Oct. 31.

Pool, Enrico, and G. Bonhôte, Basel, and C. Apotheker, Riehen, near Basel, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Producing fast dyeings on the fiber. 2,144,578; Jan. 17.
Pool, Esson J., Elmhurst, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Soldering lug and soldering lug installation. 2,180,919; Nov. 21.
Pool, Joseph H., Henlow Camp, England, assignor to Irving Air Chute of Great Britain Limited, Letchworth Herts, England. Parachute. 2,164,122; June 27.
Pool, Peter J., Clermont, Fla. Lubricant sealing means for journals. 2,143,249; Jan. 10.
Pool, Robert Bosman, Mount Washington, Md. Lacrosse racket. 2,142,527; Jan. 3.
Pool, Stephen C. (See Piker, M. L., and Pool.)
Pool, William. (See Mellor, A. Bingham, and Pool.)
Pool, William, Spondon, near Derby, England, assignor to Celanese Corporation of America. Yarn creel and other apparatus. 2,152,210; Mar. 28.
Pool, William, Spondon, near Derby, England, assignor to Celanese Corporation of America. Winding machinery for yarns, threads, ribbons, and the like. 2,159,102; May 23.
Pool, William O. (See Harwood, J., and Pool.)
Pool, William O. (See Ralston, A. W., and Pool.)
Poole, Arthur B., assignor to The E. Ingraham Company, Bristol, Conn. Self-starting synchronous electric motor. 2,153,775; Apr. 11.
Poole, Arthur B., assignor to The E. Ingraham Company, Bristol, Conn. Combined electric motor and speed-reduction-train unit. 2,169,901; Aug. 15.
Poole, Arthur B., assignor to The E. Ingraham Company, Bristol, Conn. Synchronous electric motor structure. 2,171,987; Sept. 5.
Poole, Arthur B., assignor to The E. Ingraham Company, Bristol, Conn. Synchronous electric motor structure. 2,171,988; Sept. 5.
Poole, Arthur B., assignor to The E. Ingraham Company, Bristol, Conn. Synchronous electric motor structure. 2,171,989; Sept. 5.
Poole, Arthur B., assignor to The E. Ingraham Company, Bristol, Conn. Stator-structure for synchronous electric motors. 2,171,990; Sept. 5.
Poole, James D., Marysville, and R. Barnes, Roseville, assignors of one-third to R. J. Van Tiger, Live Oak, Calif. Fountain brush. 2,146,847; Feb. 14.
Poole, Jesse V., Abington, and C. E. Clarke, Everett, assignors to Puritan Manufacturing Company, Boston, Mass. Sewing machine stop motion. 2,158,484; May 16.
Poole, Lee W. (See Miller, J. H., Thurston, and Poole.)
Poole, Lora E., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Commutator separator undercutting machine. 2,180,771; Nov. 21.
Poole, Lora E., and C. A. Nichols, Anderson, Ind., assignors to General Motors Corporation, Detroit, Mich. Tube flaring machine. 2,176,188; Oct. 17.
Poole, Nina L., Riverside, Calif. Clothes drying rack. 2,147,172; Feb. 14.
Poole, Nina L., Riverside, Calif. Garment hanger. 2,149,908; Mar. 7.
Pooler, Cecil B., Riverside, assignor to United States Gypsum Company, Chicago, Ill. Bag testing device. 2,180,608; Nov. 21.
Pooley, Leonard A. C. (See Scott, T. R., and Pooley.)
Poor & Company. (See Armstrong, Victor C., assignor.)
Poor & Company. (See Bates, Sidney E., assignor.)
Poor & Company. (See Bates, S. E., and Overmier, assignors.)
Poor & Company. (See Delfox, James G., assignor.)
Poor & Company. (See Disbrow, Clarkson A., assignor.)
Poor & Company. (See Gadd, William E., assignor.)
Poor & Company. (See Lansing, Horace L., assignor.)
Poor & Company. (See Overmier, E., and Rodman, assignors.)
Poor & Company. (See Overmier, E., Rodman, and Clarke, assignors.)
Poor & Company. (See Preston, Frederick A., assignor.)
Poor & Company. (See Ryan, Thomas, assignor.)
Poor & Company. (See Stolpe, Frederick J., assignor.)
Poor & Company. (See Warr, Harold G., assignor.)
Poore, A. L. (See Scholl, Samuel M., assignor.)
Pope, Arthur C., and W. E. Pfleger, assignors to Ansul Chemical Company, Marinette, Wis. Treatment of liquids with sulphur dioxide. 2,166,072; July 11.
Pope, Frederick, Wilton, Conn., assignor to American Cyanamid Company, New York, N. Y. Retort. 2,182,750; Dec. 5.
Pope, George E., Stratford, assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Fibrous friction element. 2,150,186; Mar. 14.
Popick, A., Manufacturing Company (See Billows, John W., assignor.)
Popivalo, Andrew C., Sanger, Calif. Door check. 2,170,156; Aug. 22.
Popovich, Nicholas, Teaneck, N. J., assignor of one-half to L. Schlitzer, New York, N. Y. Eyes for dolls and artificial figures. 2,143,029; Jan. 10.
Popp, Bernhard. (See Kränzlein, G., Corell, and Popp.)
Popp, Louis R., assignor to Pierce Renewable Fuses, Inc., Buffalo, N. Y. Fuse. 2,166,174; July 18.
Popp, Louis R., assignor to Pierce Renewable Fuses, Inc., Buffalo, N. Y. Fuse link. 2,171,864; Sept. 5.
Popp, Rudolf, assignor to McGill Manufacturing Company, Valparaiso, Ind. Electric switch. 2,156,902; May 2.
Popp, Rudolf, assignor to McGill Manufacturing Company, Valparaiso, Ind. Electric switch. 2,158,084; May 16.
Popp, Rudolf, assignor to McGill Manufacturing Company, Valparaiso, Ind. Switch. 2,158,678; May 16.
Popp, Rudolf, assignor to McGill Manufacturing Company, Valparaiso, Ind. Combination terminal and contact member for an electric switch. 2,169,593; Aug. 15.
Popp, Rudolf, and M. C. Carlton, assignors to McGill Manufacturing Company, Valparaiso, Ind. Multiple circuit switch. 2,166,607; July 18.
Poppe, George W., assignor to Equitable Paper Bag Co. Inc., Brooklyn, N. Y. Carry bag. 2,163,963; June 27.
Poppe, George W., assignor to Equitable Paper Bag Co. Inc., Brooklyn, N. Y. Making coupon receptacles. 2,183,247; Dec. 12.
Poppelmeier, Frank H., assignor to Dayton Type, Incorporated, Dayton, Ohio. Type composing machine. 2,152,209; Mar. 28.
Popper, Isaac C., New York, N. Y., assignor, by mesne assignments, to Automatic Turbine Drive Company, Inc., Providence, R. I. Hydraulic turbine clutch and transmission. 2,179,518; Nov. 14.
Popper, Isaac C., New York, N. Y., assignor, by mesne assignments, to Automatic Turbine Drive Company, Inc., Providence, R. I. Hydraulic coupling. 2,179,519; Nov. 14.
Popper, Isaac C., New York, N. Y., assignor to Automatic Turbine Drive Company, Inc., Providence, R. I. Automatic turbine drive. 2,179,520; Nov. 14.
Poppler, William. (See Achen, C., and Poppler.)
Porcelain Products, Inc. (See Meyer, Edwin M., assignor.)
Porciuncula, Rafael C., San Francisco, Calif. Animal trap. 2,151,046; Mar. 21.
Porfido, Gabriel, Taunton, Mass. Combined guideway, storage, and delivery device for bobbins. 2,151,868; Mar. 28.
Porsche, F., Dr. ing. h. c., G. m. b. H. (See Frohlich, Karl, assignor.)
Porsche, F., Dr. ing. h. c., K.-G. (See Porsche, Ferdinand, assignor.)
Porsche, F., Dr. ing. h. c., K.-G. (See Rabe, Karl, assignor.)
Porsche, Ferdinand, assignor to Dr. ing. h. c. F. Porsche, K.-G., Stuttgart-Zuffenhauser, Germany. Springing arrangement for the wheels of vehicles. 2,163,131; June 20.
Porsche, Ferdinand, Stuttgart, assignor to Dr. ing. h. c. F. Porsche, K.-G., Stuttgart-Zuffenhausen, Germany. Springing of the wheels of motor vehicles. 2,164,838; July 4.
Porsche, Ferdinand, Stuttgart, assignor to Dr. ing. h. c. F. Porsche, K.-G., Stuttgart-Zuffenhausen, Germany. Vehicle suspension. 2,169,373; Aug. 15.
Porsche, Ferdinand, Stuttgart, assignor to Dr. ing. h. c. F. Porsche, K.-G., Stuttgart-Zuffenhausen, Germany. Vehicle wheel suspension. 2,183,940; Dec. 19.
Porsche, Jules D., E. F. Pike, and J. L. Gabby, assignors to Armour and Company, Chicago, Ill. Preparing bilirubin. 2,166,073; July 11.
Portable Lamp and Equipment Co. (See Nelms, George C., assignor.)
Portable Lamp & Equipment Company. (See Wilbur, William K., assignor.)
Portable Lamp & Equipment Company. (See Wilbur, W. K., and Nelms, assignors.)
Portail, Fernand C. F., assignor to Société Anonyme le Carbone, Gennevilliers, France. Primary battery. 2,146,348; Feb. 7.
Portals Limited. (See Chamberlain, Stanley B., assignor.)
Porte, Antoine P. R., Les Ordonnieres, near Terte Imbault, assignor to "Societe pour l'Union des Transports Ferroviaires et Routiers", Paris, France. Transportation of rolling loads. 2,144,081; Jan. 17.
Porter, Albert N., assignor to J. F. Darby, Tulsa, Okla. Oilless bearing. 2,152,387; Mar. 28.
Porter, Albert N., assignor to J. F. Darby, Tulsa, Okla. Spring shackle. 2,152,388; Mar. 28.
Porter, Albert N., assignor to J. F. Darby, Tulsa, Okla. Pumping rig. 2,157,628; May 9.
Porter, Bennett J., et al. (See Alley, Russel E., assignor.)
Porter, C. O., Machinery Company. (See Harman, James R., assignor.)
Porter-Cable Machine Company, Inc., The. (See Burns, J. S., and Emmons, assignors.)
Porter-Cable Machine Company Inc., The. (See Emmons, Arthur N., assignor.)
Porter, Charlie. (See Lee, Mack C., assignor.)
Porter, Edwin S., New York, N. Y. Film magazine. 2,163,179; June 20.
Porter, Ella M., Shaker Heights, Ohio. Combination storm and screen sash. 2,171,454; Aug. 29.
Porter, Everett M. (See Githens, O. W., Kende, and Porter.)
Porter, Frank, Syracuse, assignor, by mesne assignments, to The Solvay Process Company, New York, N. Y. Preparation of phthalic anhydride. 2,142,678; Jan. 3.
Porter, Frederic P., Beloit, Wis., assignor to Fairbanks, Morse & Co., Chicago, Ill. Internal combustion engine. 2,154,249; Apr. 11.

Porter, H. K., Inc. (See Geddes, John W., assignor.)
Porter, Howard C. (See McGregor, J. M., and Porter.)
Porter, Howard C., assignor to Signode Steel Strapping Company, Chicago, Ill. Reel. 2,155,769; Apr. 25.
Porter, Howard C., assignor to Signode Steel Strapping Company, Chicago, Ill. Reel drum. 2,155,770; Apr. 25.
Porter, Howard C., assignor to Signode Steel Strapping Company, Chicago, Ill. Control for the unreeling of coiled material from drums. 2,155,771; Apr. 25.
Porter, Howard C., assignor to Signode Steel Strapping Company, Chicago, Ill. Shelf and receptacle. 2,155,772; Apr. 25.
Porter, Howard C., assignor to Signode Steel Strapping Company, Chicago, Ill. Strap holding and guiding clip. 2,155,773; Apr. 25.
Porter, Howard C., assignor to Signode Steel Strapping Company, Chicago, Ill. Tensioning tool. 2,156,062; Apr. 25.
Porter, Howard C., assignor to Signode Steel Strapping Company, Chicago, Ill. Strap joint-forming tool. 2,177,536; Oct. 24.
Porter, Irving D. (See Wynne, Robert J., assignor.)
Porter, J. E., Corporation. (See Gross, Elmer J., assignor.)
Porter, Jesse H., Lonaconing, Md. Three-way dump truck. 2,180,066; Nov. 14.
Porter, Laurence W., Westbrook, Maine, assignor to S. D. Warren Company, Boston, Mass. Dyed paper and making the same. 2,153,697; Apr. 11.
Porter, Laurence W., Westbrook, Maine, assignor to S. D. Warren Company, Boston, Mass. Coating paper. 2,177,580; Oct. 24.
Porter, Lewis E., Philadelphia, Pa., assignor to Globe Hoist Company, Des Moines, Iowa. Vibratory jack. 2,176,148; Oct. 17.
Porter, Ray P., El Reno, Okla. Microprojector. 2,168,137; Aug. 1.
Porter, Robert R., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Recovery of silver from argento-jarosite. 2,144,932; Jan. 24.
Porter, Samuel C., Ogden, Utah. Safetypin. 2,157,433; May 9.
Porter, Sarah P. C., Salt Lake City, Utah. Advertising display case. 2,158,085; May 16.
Porter Steel Specialties. (See Parrish, Carl C., assignor.)
Porter Steel Specialties. (See Youart, Charles M., assignor.)
Porter, Warren A., Jr., Spooner, Wis. Beer skimmer. 2,148,876; Feb. 28.
Porter, William A., Red Hill, Brisbane, Queensland, Australia. Construction of pipes and the like of concrete or other cementitious material. 2,166,175; July 18.
Porter, William H., Moylan-Rose Valley, and T. H. Barker, 2d, Philadelphia, Pa.; said Barker assignor to said Porter. Yarn and fabric. 2,143,574; Jan. 10.
Porter, William H., Moylan, and N. Redman, Philadelphia, Pa. Attachment for spinning machines. 2,144,664; Jan. 24.
Portland Company, The. (See Doty, G. A., and Kimball, assignors.)
Portman-Dixon, Ernest K., Teddington, England. Apparatus for checking receipts. 2,144,564; Jan. 17.
Portmann, August, assignor to the firm Schweizerische Lokomotiv-und Maschinenfabrik, Winterthur, Switzerland. Scavenging the cylinders of double-bore cylinder combustion engines. 2,184,603; Dec. 26.
Pos, Gerrit M. E., Martinez, Calif. Apparatus for mixing fluids. 2,168,363; Aug. 8.
Posatsky, Bohdan, Woodside, Long Island, N. Y. Adjustable holder for roll material. 2,166,320; July 18.
Posnack, Emanuel R., et al. (See Brownstein, Louis, assignor.)
Posnack, Emanuel R., Brooklyn, N. Y. Stapling device and method. 2,153,874; Apr. 11.
Posnack, Emanuel R., Brooklyn, N. Y. Stapling method and device. 2,172,259; Sept. 5.
Posnansky, Karl W. (See Gottesmann, Edward, assignor.)
Posner, Alfred E., Dorchester, Mass. Hairpin holder. 2,164,623; July 4.
Posner, Benjamin, Brooklyn, N. Y. Holder and container for electric iron cords. 2,142,654; Jan. 3.
Posner, Martin. (See Bagno, S., and Posner.)
Posner, Nathan. (See Browne, Joseph C., assignor.)
Post, Claude L., Chicago, Ill. Door. 2,162,640; June 13.
Post, Thurman C. (See McIlwraith, J. W., and Post.)
Postal Telegraph-Cable Company (New York). (See Bancroft, Erwin P., assignor.)
Postal Telegraph-Cable Company (New York). (See Dalton, Harold R., assignor.)
Postal-Telegraph-Cable Company (New York). (See Hallden, Frederick G., assignor.)
Postal Telegraph-Cable Company (New York). (See Vernam, Gilbert S., assignor.)
Posthumus, Klaas, and C. G. A. von Lindern, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Oscillator of the magnetron type. 2,161,087; June 6.
Postlethwaite, Frank, Farnborough, England. Telemetric system using electrical resistance. 2,163,518; June 20.
Postlethwaite, Joseph P. (See Bristow, W. A., and Postlethwaite.)
Postlewaite, William R., assignor to Standard Oil Company of California, San Francisco, Calif. Pipe feeding and coupling device. 2,166,608; July 18.
Postma, Frank, Ridgewood, N. J. Abrading liner. 2,153,272; Apr. 4.
Postma, Frank, Ridgewood, N. J. Abrading crankshafts. 2,167,311; July 25.
Postma, Frank, Ridgewood, N. J. Abrading element. 2,167,312; July 25.
Postma, Frank, Ridgewood, N. J. Crankpin truing device. 2,174,213; Sept. 26.
Poston, Emmett V., Springfield, Ill. Paving brick. 2,184,469; Dec. 26.
Posture Research Corporation. (See Wood, Glenn D., assignor.)
Potash Company of America. (See Anderson, Leslie D., assignor.)
Potchen, Joseph A., Grand Rapids, Mich., assignor to Haskelite Manufacturing Corporation. Welding machine. 2,161,430; June 6.
Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Apparatus for forming tying strips and applying the same to bags. 2,144,729; Jan. 24.
Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Apparatus for forming window openings in traveling webs. 2,152,708; Apr. 4.
Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Slip-sheet apparatus. 2,158,552; May 16.
Potdevin, Adolph, Garden City, asignor to Potdevin Machine Company, Brooklyn, N. Y. Printing machine. 2,174,728; Oct. 3.
Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Method of and apparatus for forming tying strips and applying the same to bags. 2,177,117; Oct. 24.
Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Apparatus for forming tying strips and applying the same to bags. 2,177,118; Oct. 24.
Potdevin, Adolph, Garden City, assignor to Potdevin Machine Company, Brooklyn, N. Y. Bag making machine. 2,182,002; Dec. 5.
Potdevin Machine Company. (See Ettl, Joseph, assignor.)
Potdevin Machine Company. (See Potdevin, Adolph, assignor.)
Poteet, Albert J., Lakeland, Fla. Closure operator. 2,159,861; May 23.
Pothier, Paul, and E. Vigneault, Trois-Rivieres, Quebec, Canada. Oil burner. 2,157,265; May 9.
Potocek, Paul, Hebron, Conn. Combined strainer and cooler. 2,183,692; Dec. 19.
Potoczek, Joseph, Chicago, Ill. Airplane wing construction. 2,148,962; Feb. 28.
Potstada, George, Oakland, Calif. Slice separator for knives. 2,178,267; Oct. 31.
Pott, Alfred, and H. Broche, Essen, Ruhr, Germany. Production of extracts from solid carbonaceous material. 2,147,753; Feb. 21.
Pott, Alfred, Essen-Ruhr, Germany. Producing semi-coke or coke from carbonizable solid fuel material. 2,166,321; July 18.
Pott, August F., Zella-Mehlis, assignor to Mercedes Buromaschinen-Werke Aktiengesellschaft Benshausen, Germany. Shift device for calculating machines. 2,143,741; Jan. 10.
Pott, August F., Zella-Mehlis, assignor to Mercedes Buromaschinen-Werke Aktiengesellschaft, Zella-Mehlis, Thuringia, Germany. Calculating machine. 2,173,635; Sept. 19.
Pott, Friedrich, assignor to Mercedes Büromaschinen-Werke Aktiengesellschaft, Benshausen, Thuringia, post office Zella-Mehlis, Germany. Calculating machine. 2,157,459; May 9.
Pott, Friedrich, Turingia, assignor to Mercedes Buromaschinen-Werke Aktiengesellschaft, Benshausen, Thuringia, Germany. Value transferring mechanism. 2,173,636; Sept. 19.
Pott, Robert H., Evansville, Ind. Impact tool. 2,158,303; May 16.
Pottenger, Martha, Chicago, Ill. Health protection member. 2,155,330; Apr. 18.
Potter, Albert T., assignor to Ainsworth Manufacturing Company, Detroit, Mich. Windshield frame structure. 2,171,191; Aug. 29.
Potter, Charles O., Fullerton, Calif. Door lock. 2,172,765; Sept. 19.
Potter, Charles P., assignor to Wagner Electric Corporation, St. Louis, Mo. Rotor for dynamo-electric machines. 2,175,915; Oct. 10.
Potter Company, The. (See Haskins, B. J., and Mitchell, assignors.)
Potter, David P., Holt, Mich. Automatic heat control radiator. 2,144,030; Jan. 17.
Potter, Earl C. (See Lowey, R. E., and Potter.)
Potter, Elbert L., assignor to Houde Engineering Corporation, Buffalo, N. Y. Automobile heater structure. 2,144,506; Jan. 17.
Potter, Elbert R., assignor to Mohawk Equipment Corporation (III), Chicago, Ill. Drive means for power lawn mowers. 2,151,615; Mar. 21.

Potter, Elbert R., Chicago, Ill., assignor, by mesne assgnments, to Mohawk Equipment Corporation. Power driven lawn mower. 2,174,757; Oct. 3.
Potter, H. H. (See Bundy, Maurice G., assignor.)
Potter, Howard L. (See Reichert, J. S., Hinegardner, and Potter.)
Potter, Howard L. (See Reichert, J. S., and Potter.)
Potter, Howell, assignor to The Fafnir Bearing Company, New Britain, Conn. Bearing. 2,157,098; May 9.
Potter, James L., Iowa City, Iowa. Oscillator circuit. 2,157,434; May 9.
Potter, Joel S., Valley Cottage, assignor to L. Wilputte, New Rochelle, N. Y. Coke oven door machinery. 2,157,566; May 9.
Potter, Joel S., West Nyack, assignor to L. Wilputte, New Rochelle, N. Y. Coke oven door and door machinery. 2,157,567; May 9.
Potter, Joel S., West Nyack, assignor to L. Wilputte, New Rochelle, N. Y. Coke oven door. 2,157,568; May 9.
Potter, Joel S., West Nyack, assignor to L. Wilputte, New Rochelle, N. Y. Self-sealing coke oven door. 2,157,569; May 9.
Potter, Joel S., Valley Cottage, assignor to L. Wilputte, New Rochelle, N. Y. Coke oven door machinery. 2,183,753; Dec. 19.
Potter, John S., assignor to The S. W. Shattuck Chemical Company, Denver, Colo. Treating ores. 2,180,692; Nov. 21.
Potter, Philip J. (See Darby, E. R., Barera, and Potter.)
Potter, Rossiter R. (See Blood, H. E., and Potter.)
Potter, Thomas I., assignor to Refrigeration Patents Corporation, Buffalo, N. Y. Household refrigerator. 2,171,712; Sept. 5.
Potter, Thomas W. (See Bissell, W. T., and Potter.)
Potter, William W. (See Curtis, Myron S., assignor.)
Potts, Ernest L., assignor to Sharp Deflecting Tool Company, Houston, Tex. Orienting sub. 2,147,544; Feb. 14.
Potts, Ernest L., Houston, assignor to Eastman Oil Well Survey Company, Dallas, Tex. Spudding bit. 2,181,284; Nov. 28.
Potts, George W., Fairfield, Iowa. Milk bottle hanger. 2,161,195; June 6.
Potts, James, Selleck, Wash. Paring attachment for kitchen knives. 2,144,123; Jan. 17.
Potts, James, Selleck, Wash. Rat trap. 2,149,311; Mar. 7.
Potts, Louis M., Evanston, Ill. Meter reading recorder. 2,148,500; Feb. 28.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Selective control system and apparatus. Re. 21,042; Apr. 4.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Translating repeater. 2,152,772; Apr. 4.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Orientation indicating device. 2,162,358; June 13.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Code bar construction. 2,174,596; Oct. 3.
Potts, Louis M., Evanston, assignor to Teletype Corporation, Chicago, Ill. Photoelectric transmitter. 2,177,077; Oct. 24.
Potts, Ralph H., La Grange, and E. W. Colt, Evanston, assignors to Armour and Company, Chicago, Ill. Treatment of glycerin lyes and of crude glycerin. 2,182,179; Dec. 5.
Potts, Robert M., Dayton, Ohio. Fly-rod minnow. 2,149,464; Mar. 7.
Potts, William F., Kansas City, Mo. Raking apparatus. 2,178,288; Oct. 31.
Poulsen, Alfred E., Los Angeles, Calif. Rotating pump rod in a well. 2,180,880; Nov. 21.
Poulsen, John, Metuchen, N. J. Holder for upholstery webbing. 2,146,592; Feb. 7.
Poux, Noel J., Meadville, Pa. Slider for slide fasteners. 2,166,905; July 18.
Poux, Noel J., assignor to Talon, Inc., Meadville, Pa. Making separable fasteners. 2,169,176; Aug. 8.
Poux, Noel J., assignor to Talon, Inc., Meadville, Pa. Separable fastener. 2,174,892; Oct. 3.
Povandra, Frank V., Denver, Colo. Lifting jack. 2,170,595; Aug. 22.
Powdrill, Grover C. (See Garnett, Clarence C., assignor.)
Powell, Alan R. (See Noble, P. W., and Powell.)
Powell, Ben F., Custer, S. Dak., dedicated to the free use of The People of the United States. Prevention of seepage of water. 2,159,954; May 23.
Powell, Charles E., and C. F. Wood, Stony Brook, N. Y. Rake cleaning device. 2,168,238; Aug. 1.
Powell, Earl W., St. Louis, Mo. Combination fringe handling device. 2,146,513; Feb. 7.
Powell, Edward V., Arlington, Mass. Pencil sharpener. 2,143,797; Jan. 10.
Powell, Edward V., Forest Hills, N. Y. Wind instrument of the reed type. 2,163,352; June 20.
Powell, Elza W., Indianapolis, Ind. Vacuum cleaning implement. 2,146,268; Feb. 7.
Powell, Frank R., Macon, Ga. Hose protector. 2,172,130; Sept. 5.
Powell, Henry K., Chicago, Ill. Bottle holder. 2,163,290; June 20.
Powell, Henry K., Chicago, Ill. Bottle holder. 2,172,090; Sept. 5.
Powell, Henry K., assignor to Morris Paper Mills, Chicago, Ill. Container. 2,146,984; Feb. 14.
Powell, Henry K., assignor to Morris Paper Mills, Chicago, Ill. Container construction. 2,153,122; Apr. 4.
Powell, Herbert S. (See Robbins, Brewster G., assignor.)
Powell, Herbert S., Utica, N. Y. Muffler. 2,175,410; Oct. 10.
Powell, Horace M., assignor to Eli Lilly and Company, Indianapolis, Ind. Therapeutic preparation. 2,145,799; Jan. 31.
Powell, Lyman S., Chicago, Ill. Draft control and regulating device. 2,184,399; Dec. 26.
Powell, Mabry B., Henrietta, Tex. Smokestack air heater. 2,174,448; Sept. 26.
Powell, Max, San Gabriel, Calif. De-emulsifier. 2,175,699; Oct. 10.
Powell Pressed Steel Company, The. (See Clark, Carl L., assignor.)
Powell Pressed Steel Company, The. (See Powell, William J., assignor.)
Powell, Ralph H., Los Angeles, Calif. Vehicle body construction. 2,172,405; Sept. 12.
Powell, Robert M. (See Parsons, J. H., and Powell.)
Powell, Sheppard T., Baltimore, Md., and I. G. McChesney, Rochester, N. Y. Steam testing method and apparatus. 2,146,312; Feb. 7.
Powell, Vernon R. (See King, J. E., and Powell.)
Powell, Walter C., assignor to Amazon Knitting Company, Muskegon, Mich. Undergarment. 2,183,431; Dec. 12.
Powell, William C., Lynwood, assignor of one-half to C. L. McAuliffe, San Pedro, Calif. Pipe hanger. 2,156,639; May 2.
Powell, William H. (See Kingston, J R., and Powell.)
Powell, William J., assignor to The Powell Pressed Steel Company, Hubbard, Ohio. Pallet construction. 2,152,086; Mar. 28.
Powell, Winfred T., Brighton, assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,169,479; Aug. 15.
Powell, Winfred T., assignor to The Stromberg-Carlson Telephone Manufacturing Company, Rochester, N. Y. Call distributing system. 2,172,805; Sept. 12.
Powell, Winfred T., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,174,291; Sept. 26.
Power, James T., Wilmington, Del., and E. G. Almy, Tamaqua, Pa., assignors to Atlas Powder Company, Wilmington, Del. Composition for sizing yarns. 2,142,801; Jan. 3.
Power, James T., Wilmington, Del., and K. R. Brown, Tamaqua, Pa., assignors to Atlas Powder Company, Wilmington, Del. Acceleration of gelatinization of cellulose nitric esters and liquid nitric esters and the product thereof. 2,146,026; Feb. 7.
Power, James T., Wilmington, Del., and E. G. Almy, Tamaqua, Pa., assignors to Atlas Powder Company, Wilmington, Del. Plasticizing regenerated cellulose and product. 2,172,406; Sept. 12.
Power Patents Company. (See Anderson, Thomas, assignor.)
Power Patents Company. (See Beatie, Cecil E., assignor.)
Power Patents Company. (See Borden, Edmund G., assignor.)
Power Patents Company. (See Brandt, David G., assignor.)
Power Patents Company. (See Corrough, Hugh M., assignor.)
Power Patents Company. (See Doherty, H. L., assignor.)
Power Patents Company. (See Isham, R. M., and Lyons, assignors.)
Power Patents Company. (See Merley, Sylvan R., assignor.)
Power Patents Company. (See Miller, Benjamin, assignor.)
Power Patents Company. (See Morgan, John D., assignor.)
Power Patents Company. (See Morgan, J. D., and Anderson, assignors.)
Power Patents Company. (See Morgan, J. D., and Lowe, assignors.)
Power Research Corporation. (See Bowers, Thomas A., assignor.)
Power, Richard F., Hampstead, London, assignor to Morland & Impey Limited, Birmingham, England. Loose-leaf filing apparatus. 2,150,518; Mar. 14.
Power Transmission Company, The. (See Weber, Ernst, assignor.)
Powers Accounting Machines, Limited. (See McClure, Ernest C., assignor.)
Powers, Donald H., Moorestown, N. J., and O. B. Hager, assignors to Röhm & Haas Company, Philadelphia, Pa. Production of cellulosic textile fabric. 2,169,392; Aug. 15.
Powers, Frank T., Glen Cove, N. Y. Cooler top. 2,148,276; Feb. 21.
Powers, George G., and C. H. Frederick, assignors to The Powers Spring Corporation, Chicago, Ill. Spring making machine. 2,144,387; Jan. 17.
Powers, James H., Fort Wayne, Ind., assignor to General Electric Company. Waste disposal apparatus. 2,185,037; Dec. 26.

Powers, John M., Cleveland Heights, Ohio. Candle burning device. 2,146,441; Feb. 7.
Powers, Joseph H. (See West, L. S., Steuber, and Powers.)
Powers, Milton A. (See Alden, H. W., and Powers.)
Powers, Milton A., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Liquid fuel burning apparatus. 2,149,182; Feb. 28.
Powers, Milton A., assignor to The Timken-Detroit Axle Company, Detroit, Mich. Pump for liquid fuel burning apparatus. 2,181,249; Nov. 28.
Powers, Ralph A., Grosse Pointe, assignor to Electronic Control Corporation, Detroit, Mich. Smoothness gauge. 2,171,433; Aug. 29.
Powers Regulator Company, The. (See Klages, Frank E. P., assignor.)
Powers Regulator Company, The. (See Snediker, Morton O., assignor.)
Powers Regulator Company, The. (See Young, Howard J., assignor.)
Powers, Samuel R. (See Speed, J. O., Shores, and Powers.)
Powers Spring Corporation, The. (See Powers, G. G., and Frederick, assignors.)
Powers, Timothy B., St. George, N. Y. Amusement ride. 2,172,451; Sept. 12.
Powers, Wilbur F., La Grange, Ill. Power, navigation, and flood control. 2,161,529; June 6.
Powley, Harry S., and J. H. Matthews, Toronto, Ontario, Canada. Fluid measuring apparatus. 2,178,492; Oct. 31.
Powrie, Thomas K., Paisley, Scotland. Ring for spinning, doubling, or twisting frames. 2,169,709; Aug. 15.
Powter, Neil B., Senneville, Quebec, and J. L. McCaul, Westmount, Quebec, assignors to Howard Smith Paper Mills Limited, Province of Quebec, Canada. Swatch cover. 2,178,404; Oct. 31.
Prade, Karl, Nuremberg, Germany, assignor to General Electric Company. Hotplate. 2,169,884; Aug. 15.
Praeg, Walter S., assignor to National Broach & Machine Company, Detroit, Mich. Broach. 2,161,901; June 13.
Praeg, Walter S., assignor to National Broach & Machine Company, Detroit, Mich. Making rotary gear cutters. 2,172,545; Sept. 12.
Praeger, Frank H., Bala-Cynwyd, and T. B. Leech, Narberth, assignors to Alcorn Combustion Company, Philadelphia, Pa. Method of and apparatus for superheating oil in vapor phase. 2,174,893; Oct. 3.
Prager, George J., Bayshore, assignor, by mesne assignments, to The Printcote Co., Inc., New York, N. Y. Rotary printing press. 2,142,147; Jan. 3.
Prager, George J., Bayshore, assignor, by mesne assignments, to The Printcote Co., Inc., New York, N. Y. Rotary printing press. 2,142,148; Jan. 3.
Prahl, Frederick A. (See Creesy, G. B., and Prahl.)
Prahl, Milton A., Milwaukee, and W. L. Rintelman, Carrollville, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphuric acid ester salts of leuco vat dyestuffs. 2,164,782; July 4.
Prahl, Milton A., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Leuco sulphuric acid esters of anthraquinone selenazoles. 2,164,783; July 4.
Prahl, Walter, assignor to F. Raschig G. m. b. H., Ludwigshafen-on-the-Rhine, Germany. Separating phenol and hydrogen chloride from the mixture of vapors obtained by passing chlorobenzene vapor and steam over a contact at a raised temperature. 2,156,402; May 2.
Prain, Frank G., Spokane, Wash. Crayon holder. 2,181,202; Nov. 28.
Prakke, Frits. (See de Boer, J. H., Bruining, Prakke, and Van Gessel.)
Prakke, Frits. (See Van Gessel, K. M., and Prakke.)
Prance, Alvin W., Pleasant Ridge, assignor to Briggs Manufacturing Company, Detroit, Mich. Pillar-light assembly. 2,159,532; May 23.
Prance, Edgar E., and J. E. Sheffield, Quitman, Ga. Turpentine cup. 2,164,675; July 4.
Prange, Charles H., Lyndhurst, N. J., assignor to Austenal Laboratories, Inc., New York, N. Y. Denture. 2,180,549; Nov. 21.
Pranger, Albert. (See Gjiberson, S. A., III, and Pranger.)
Pranger, Albert, assignor to The Guiberson Corporation, Dallas, Tex. Well packer. 2,160,515; May 30.
Pranger, Albert, assignor to The Guiberson Corporation, Dallas, Tex. Bushing for rotary tables. 2,160,516; May 30.
Prat, Emile, Paris, France. Heat interchanger 2,170,484; Aug. 22.
Prati, Enrico, Asti, Calif. Treating fruit pomace. 2,174,707; Oct. 3.
Pratt, Edward J., deceased, by M. S. Pratt, administratrix, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Polarized relay. 2,153,641; Apr. 11.
Pratt, Emil F. (See Aspenes, Manthen, assignor.)
Pratt, Francis G., London, England. Hull of mechanically propelled vessels. 2,181,463; Nov. 28.
Pratt Food Co. (See Tiegen, Arthur H., assignor.)
Pratt, George L., assignor to Motor Power, Inc., Atlanta, Ga. Method and apparatus for treating and utilizing exhaust gases of internal combustion engines. 2,147,670; Feb. 21.
Pratt, George L., assignor to Motor Power, Inc., Atlanta, Ga. Centrifugal gas separator. 2,147,671; Feb. 21.
Pratt, Guy A., East Chicago, Ind. Bookbinding device. 2,174,041; Sept. 26.
Pratt, Haraden, Douglaston, assignor to Mackay Radio & Telegraph Company, New York, N. Y. Multiple V antenna suspension. 2,167,774; Aug. 1.
Pratt, John R. (See Jewel, P. W., and Pratt.)
Pratt, John W. (See Ricks, F., and Pratt.)
Pratt, John W., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe machine. 2,168,494; Aug. 8.
Pratt, John W., and T. A. Kestell, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Heel-attaching machine. 2,163,824; June 20.
Pratt, Louis. (See Carlson, O. A., and Pratt.)
Pratt, Mollie S., administratrix. (See Pratt, Edward J.)
Pratt, Raymond C., assignor to H. B. Dodge and Company, Chicago, Ill. Venetian blind. 2,174,249; Sept. 26.
Pratt, Theodore, Glen Cove, N. Y. Electrical liquid level indicating device. 2,184,755; Dec. 26.
Pratt, William E., Mfg. Co. (See Tyler, William C., assignor.)
Pratt, Willimena, Kalamazoo, Mich. Match. 2,163,009; June 20.
Praud, Henri L. M., Paris, France, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Heating apparatus. 2,172,108; Sept. 5.
Pray, George E., Washington, D. C. Electronic switch device. 2,170,157; Aug. 22.
Pray, Harley L., Tulsa, Okla. Automatic worn drive brake. 2,143,330; Jan. 10.
Pray, Thomas E., assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf-cutting machine. 2,165,675; July 11.
Preble, Andrew Y., El Centro, Calif. Building concrete structures. 2,156,027; Apr. 25.
Preble, Bennett, San Diego, assignor to Kelco Company, Los Angeles, Calif. Alginate salts and making same. 2,158,485; May 16.
Preble, Bennett, National City, assignor to Kelco Company, Los Angeles, Calif. Amine alginate product and process. 2,158,486; May 16.
Preble, Bennett, National City, assignor to Kelco Company, Los Angeles, Calif. Triethanolamine alginate product and process. 2,158,487; May 16.
Preble, Louise B., Hingham, Mass. Heated steering wheel. 2,163,450; June 20.
Preble, Norman H. (See Webb, J. B., and Preble, assignors.)
Precision Casting Company. (See During, William J., assignor.)
Precision Metal Workers. (See Parcell, Raymond, assignor.)
Precision Wireless Devices Limited. (See Naden, James H., assignor.)
Precourt, Joseph O., Chicago, Ill. Yarn cheese core. 2,171,890; Sept. 5.
Prehn, Douglas T., New York, N. Y. Prophylactic and therapeutic composition. 2,175,780; Oct. 10.
Prehoda, Coleman, Cleveland, Ohio. Core making machine. 2,163,964; June 27.
Preiswerk, Ernst, Munchenstein, near Basel, and O. Schnider, Basel, Switzerland, assignors to Hoffmann-La Roche Inc., Nutley, N. J. Piperidine compound. 2,151,047; Mar. 21.
Preisz, William A., Yakima, assignor of fifty per cent to J. Newton, Seattle, Wash. Vanity case. 2,159,934; May 23.
Premier Thread Company. (See Mahoney, William E., assignor.)
Prendergast, Edmund J., Delray, Fla., assignor, of one-half to E. B. H. Tower, Jr., Milwaukee, Wis. Beach maintaining apparatus and a beach maintaining method. 2,158,046; May 9.
Prendes, Joaquina, New York, N. Y. Gas lighter. 2,162,587; June 13.
Prensky, Harold N., Forrest Hills, and E. Grieshaber, Springfield Gardens, N. Y. Combination sound producing and object ejecting device. 2,151,330; Mar. 21
Prensky, Harold N., Forest Hills, and E. Grieshaber, Springfield Gardens, N. Y. Toy bomb. 2,183,152; Dec. 12.
Prentice, G. E., Manufacturing Company. (See Legat, Robert C., assignor.)
Prentice, G. E., Manufacturing Company, The. (See Prentice, George E., assignor.)
Prentice, George E., Berlin, assignor to The G. E. Prentice Manufacturing Company, New Britain, Conn. Making fasteners. 2,183,169; Dec. 12.
Prentice, George M., assignor to White & Wyckoff Mfg. Co., Holyoke, Mass. Coiling machine. 2,149,941; Mar. 7.
Prentice, George M., assignor to White & Wyckoff Mfg. Co., Holyoke, Mass. Coil forming machine. 2,149,942; Mar. 7.
Prentiss, Augustin M., Wash., D. C. Gas mask canister. 2,174,528; Oct. 3.
Prentiss, Polly, Inc. (See Baggett, R. E., and Gordon, assignors.)
Prentiss, Polly, Inc. (See Bradwell, Robert H., assignor.)
Prentiss, Polly, Inc. (See Strain, O. R., and Sparks, assignors.)
Prentiss, Polly, Inc. (See White, Murl A., assignor.)

Prentiss-Wabers Products Co. (See Yeager, Anton J., assignor.)
Preparation Industrielle des Conbustibles. (See Spinetta, Dominique, assignor.)
Presburg, Maurice, et al. (See Krasselt, Theodor, assignor.)
Presby, Leroy Q., Melrose, assignor to American Stay Company, East Boston, Mass. Apparatus for applying and securing strip material. 2,163,059; June 20.
Presby, Leroy Q., Melrose, assignor to American Stay Company, East Boston, Mass. Printing press. 2,183,045; Dec. 12.
Prescott, Charles H., Jr., East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron emitting cathode. 2,142,331; Jan. 3.
Prescott, Charles H., Jr., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Photoelectric tube. 2,151,797; Mar. 28.
Prescott, Harold R. (See Athy, L. F., and Prescott.)
Prescott, Harold R. (See Woodyard, K. C., Putnam, and Prescott.)
Prescott, Harold R., assignor to Continental Oil Company, Ponca City, Okla. Method and apparatus for making geological explorations. 2,158,198; May 16.
Prescott, Paul R., Logansport, Ind. Radio program selector. 2,154,994; Apr. 18.
Prescott, Ralph F. (See Britton, J. W., Prescott, and Dosser.)
Present, Mortimer T., assignor to Janalene, Inc., Indianapolis, Ind. Seam for fabrics. 2,167,371; July 25.
President and Directors of the Manhattan Company, trustee. (See Page, John E.)
President and Directors of the Manhattan Company, trustees. (See La Grua, James C., assignor.)
Press, David, Chicago, Ill. Portable display device. 2,145,030; Jan. 24.
Press, Sylvia L., Philadelphia, Pa. Needle holding spool. 2,144,199; Jan. 17.
Pressed Steel Car Company. (See Abkowitz, Harold E., assignor.)
Pressed Steel Car Company. (See Miller, Carl W., assignor.)
Pressed Steel Car Company. (See Reeder, Nathaniel S., assignor.)
Pressed Steel Car Company. (See Schmohl, Alfred C., assignor.)
Pressed Steel Company Limited. (See Swallow, William, assignor.)
Pressed Steel Tank Company. (See Newton, Howard L., assignor.)
Pressed & Welded Steel Products Company. (See Haskin, Walter E., assignor.)
Presser, Ernst, Berlin-Dahlem, Germany. Photoelectric cells of the layer type and producing the same. 2,161,786; June 13.
Pressler, Ralph B., assignor to S. F. Bower & Company, Incorporated, Fort Wayne, Ind. Separating device. 2,177,330; Oct. 24.
Pressure Generators, Inc. (See Hutto, Marsden C., assignor.)
Presto Lock Corporation. (See Levine, Abraham, assignor.)
Prestole Devices, Inc. (See Kost, Harold W., assignor.)
Prestole Devices, Inc. (See Place, Bion C., assignor.)
Prest-O-Lite Storage Battery Corporation. (See Hopkins, Mark A., assignor.)
Preston, Alfred L. (See Knoedler, E. L., and Preston.)
Preston, Cecil W. (See Jordan, J. D., Ellis, and Preston.)
Preston, Cecil W., and D. F. Ellis, Chicago, and J. D. Jordan, Oak Park, assignors to General Household Utilities Company, Chicago, Ill. Boiler feeder. 2,183,104; Dec. 12.
Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric appliance. 2,167,995; Aug. 1.
Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Supporting means. 2,169,125; Aug. 8.
Preston, Everett A., assignor to D. J. Murray Manufacturing Co., Wausau, Wis. Spraying apparatus. 2,159,400; May 23.
Preston, Frank W., Butler, Pa. Bottle testing apparatus. 2,167,185; July 25.
Preston, Frank W., Paterson, N. J. Narrow ware loom. 2,175,311; Oct. 10.
Preston, Frederick A., Lake Forest, Ill., assignor, by mesne assignments, to Poor & Company. Railway tie plate. 2,147,715; Feb. 21.
Preston, Frederick A., Lake Forest, assignor to Poor & Company, Chicago, Ill. Double bearing rail anticreeper. 2,161,484; June 6.
Preston, Henry C., Towson, Md., assignor to The Black & Decker Manufacturing Company. Valve stem grinder. 2,151,528; Mar. 21.
Preston, Herbert E., Philadelphia, and J. S. Bennett, Merion, assignors to American Engineering Company, Philadelphia, Pa. Mechanical stoker. 2,173,883; Sept. 26.
Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. Re. 21,086; May 16.
Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic control system. 2,159,567; May 23.
Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,166,178; July 18.
Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Track circuit for railroads. 2,169,286; Aug. 15.
Preston, Neil D., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,169,480; Aug. 15.
Preston, Neil D., and C. S. Bushnell, assignors to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,155,561; Apr. 25.
Preston, Neil D., and O. S. Field, assignors to General Railway Signal Company, Rochester, N. Y. Track circuit for railroads. 2,169,285; Aug. 15.
Preston Tyre Fabric Manufacturing Company, Limited. (See Chadwick, Fletcher, assignor.)
Prettyman, George W. L., Arlington, Va. Nonrecoil gun. 2,156,605; May 2.
Pretz, Philip H., assignor to General Motors Corporation, Detroit, Mich. Spring construction. 2,148,640; Feb. 28.
Preve, Francois V., Long Island City, N. Y. Manicure bowl. 2,169,990; Aug. 15.
Previn, Arthur G., New York, N. Y., assignor to Electreporter, Inc. Transcribing apparatus. 2,180,255; Nov. 14.
Previn, Ruth M., Washington, D. C. Catamenial article. 2,182,702; Dec. 5.
Prevot, Paul. (See Robarge, Floyd J., assignor.)
Prew, Robert H., Nashua, N. H. Internal combustion engine. 2,170,213; Aug. 22.
Prewitt, Arthur T., Brooklyn, N. Y. Toe and vamp liner for shoes. 2,180,996; Nov. 21.
Pribil, Alexis R., Saginaw, Mich. Independently sprung suspension wheel unit. 2,158,488; May 16.
Price, Albert O., Leesville, Ohio. Sustaining and propulsive means for aircraft. 2,164,721; July 4.
Price, Arnold F., Hartsdale, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical system. 2,170,873; Aug. 29.
Price, Arthur E. (See Graham, G. M., and Price.)
Price, Arthur E., assignor to Hinckley-Myers Company, Jackson, Mich. Differential pinion gauge. 2,155,562; Apr. 25.
Price, Aubrey F. (See Morrison, G. O., and Price.)
Price, Charles, New York, N. Y. Plumbing. 2,176,470; Oct. 17.
Price, Charles P. (See Blood, Charles F., Jr., assignor.)
Price, Charles W., Sweetwater, Tenn. Disintegration of barytes ores. 2,159,909; May 23.
Price, Duane W. (See Warner, Joe H., assignor.)
Price, Earl E. (See Hale, L., Pennock, and Price.)
Price, Earl E., assignor to G. H. Tennant Company, Minneapolis, Minn. Abrading roll. 2,158,014; May 9.
Price, Earl R. (See Price, Harold W. and E. R.)
Price, Earl R. (See Price, Harold W. and E. R., and Capra.)
Price, Earl R., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,164,001; June 27.
Price, Earl R. and H. W., assignors to Bendix Products Corporation, South Bend, Ind. Clutch control mechanism. 2,152,088; Mar. 28.
Price, Frank S., Holland, Mich., assignor to Charles Karr Company. Spring assembly. 2,143,742; Jan. 10.
Price, Harold W. (See Price, Earl R. and H. W.)
Price, Harold W., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,144,032; Jan. 17.
Price, Harold W., assignor to Bendix Products Corporation, South Bend, Ind. Clutch control mechanism. 2,156,305; May 2.
Price, Harold W., assignor to Bendix Aviation Corporation, South Bend, Ind. Transmission control. 2,177,459; Oct. 24.
Price, Harold W. and E. R., assignors to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,144,031; Jan. 17.
Price, Harold W. and E. R., assignors to Bendix Products Corporation, South Bend, Ind. Clutch control mechanism. 2,152,089; Mar. 28.
Price, Harold W. and E. R., assignors to Bendix Products Corporation, South Bend, Ind. Gear shifter. 2,152,914; Apr. 4.
Price, Harold W., O. Capra, and E. R. Price, assignors to Bendix Products Corporation, South Bend, Ind. Power clutch and brake control. 2,152,087; Mar. 28.
Price, Harold W., and E. R., assignors to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,160,084; May 30.
Price, Howard W., assignor, by mesne assignments, to J. M. Huber Corporation, Borger, Tex. Carbon black and treating same. 2,164,164; June 27.
Price, Howard W., assignor to J. M. Huber Corporation, Borger, Tex. Apparatus for agitating finely divided powders. 2,185,158; Dec. 26.
Price, James W., Charleston, S. C. Automatic emergency train line air control. 2,163,519; June 20.
Price, John D., Pueblo, Colo., assignor, by mesne assignments, to The Colorado Fuel and Iron Corporation. Flotation process. 2,142,207; Jan. 3.

Price, Joseph W., Jr., assignor to The United States Metallic Packing Company, Philadelphia, Pa. Double-acting ratchet mechanism. 2,160,753; May 30.
Price, Leroy. (See Price, Lloyd and L.)
Price, Lloyd, Van Wert, Ohio, and L. Price, Muncie, Ind. Automatic drawbar and car coupler. 2,154,415; Apr. 11.
Price, Manley R., Lakewood, Ohio. Building construction. 2,160,794; May 30.
Price, Mary T., special administratrix. (See Hale, L., Pennock, and Price.)
Price, Nathan C., Seattle, Wash Aircraft power plant. 2,160,281; May 30.
Price, Nathan C., assignor to Boeing Aircraft Company, Seattle, Wash. Electric pump. 2,149,545; Mar. 7.
Price, Nathan C., Seattle, Wash., assignor to Sirius Corporation. Fluid forcing system. 2,176,360; Oct. 17.
Price, Nathan C., Berkeley, Calif., assignor to Sirius Corporation. Fluid heater. 2,183,893; Dec. 19.
Price, Osborne I., Frederick, Md. Sound reproducer and manufacturing the same. 2,180,482; Nov. 21.
Price, Osborne I., Frederick, Md., assignor to Westinghouse Electric & Manufacturing Company. Refrigerating apparatus. Re. 21,189; Aug. 29.
Price, Pearl R., Seattle, Wash. Figured toy. 2,147,215; Feb. 14.
Price, Ralph E., assignor to Landis Tool Company, Waynesboro, Pa. Automatic positive stop for rotating spindles. 2,155,681; Apr. 25.
Price, Ralph E., H. E. Balsiger, and C. L. Ott, assignors to Landis Tool Company, Waynesboro, Pa. Feed mechanism. 2,150,749; Mar. 14.
Price, Richard P., assignor to Hammermill Paper Company, Erie, Pa. Measuring apparatus. 2,146,442; Feb. 7.
Price, Robert E., assignor to Crosby Naval Stores, Incorporated, Picayune, Miss. Purifying wood rosin. 2,181,791; Nov. 28.
Price, Robert J., Uniontown, Pa. Ice cream dipper. 2,165,941; July 11.
Price, Robert M., assignor to Package Machinery Company, Springfield, Mass. Bottle hooding machine. 2,170,765; Aug. 22.
Price, Romaine C. (See Stein, W., and Price.)
Price, Stanley, La Grange, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Tape serving machine. 2,169,058; Aug. 8.
Price, W. N. (See Roberts, G. J., and (Edmonds, assignor).)
Price, Walter R., Minneapolis, Minn. Game device. 2,167,775; Aug. 1.
Price, William B., Waterbury, Conn., assignor, by mesne assignments, to P. R. Mallory & Co. Inc., Indianapolis, Ind. Copper alloys. 2,177,745; Oct. 31.
Prichard, Warren H., assignor to The Alaska Freezer Co., Inc., Winechendon, Mass. Combined freezer and cube crusher. 2,165,763; July 11.
Prickett, Clyde W., Los Angeles, and B. L. Wilcox, Huntington Park, Calif. Nailing plug. 2,171,097; Aug. 29.
Prickett, Thomas B., Woodbury, N. J., assignor to Houdry Process Corporation, Wilmington, Del. Reaction vessel. 2,181,153; Nov. 28.
Pride, Alfred W. (See Craig, H. G., and Pride.)
Pride, Jason N., Windham Center, assignor of one-half to H. L. Cheney and one-fourth to J. A. Taylor, Portland, Maine. Weed-pulling appliance. 2,155,839; Apr. 25.
Priebe, Ernest B., Woodhaven, N. Y. Stoker furnace. 2,166,966; July 25.
Priesemann, Wilhelm. (See Müller, W., and Priesemann.)
Priesmeyer, Charles, Park Ridge, assignor to G. A. J. Meyer, Chicago, Ill. Solderless badge plate and pin assembly. 2,153,157; Apr. 4.
Priess, John F., assignor to Yellow Truck & Coach Manufacturing Company, Pontiac, Mich. Carburetor air intake system. 2,158,380; May 16.
Priest, Dwight E., assignor to Parker Wire Goods Company, Worcester, Mass. Manufacture of hacksaw frame members. 2,154,009; April 11.
Priest, Dwight E., and H. P. Macomber, assignor to Parker Wire Goods Company, Worcester, Mass. Blade holding means for hacksaws and the like. 2,166,446; July 18.
Priest, John H., Electra, assignor to A. E. Rapp, Wichita County, Tex. Safety hook. 2,185,092; Dec. 26.
Priester, Henry W., Asheville, N. C. Sales card. 2,155,021; Apr. 18.
Priester, Remmet, assignor to Naamlooze Vennootschap Noury & Van Der Lande's Exploitatiemaatschappij, Deventer, Netherlands. Preparing octadecadiene acid. 2,156,737; May 2.
Priestley, William J., New Rochelle, N. Y., assignor to Electro Metallurgical Company. Making cast iron. 2,157,390; May 9.
Prigge, George F., Dayton, Ky., assignor to Ansonia Copper & Iron Works, Inc., Cincinnati, Ohio. Refining apparatus. 2,146,651; Feb. 7.
Primavera, Vincent A. R., Brooklyn, N. Y. Nesting chairs. 2,184,470; Dec. 26.
Prime Manufacturing Company. (See Lucas, John A., assignor.)
Prime Manufacturing Company, The. (See Richardson, John W., assignor.)
Prime Manufacturing Company. (See Ridderstrom, Andrew R., assignor.)
Prince, Burton A., Westfield, Mass., assignor to W. E. Irving, Glenbrook, Conn. Double-decked grating-paved street. 2,160,315; May 30.
Prince Castles Manufacturing Division. (See Prince, E. S., MacDougall, and Brotheridge, assignors.)
Prince, David C., Swarthmore, Pa., assignor to General Electric Company. Electric circuit interrupter. 2,146,685; Feb. 7.
Prince, David C., Swarthmore, Pa., assignor to General Electric Company. Electric circuit breaker. 2,160,673; May 30.
Prince, David C., Swarthmore, Pa., assignor to General Electric Company. Electric circuit breaker. 2,162,588; June 13.
Prince, David C., Swarthmore, and P. Bartlett, Springfield, Pa., assignors to General Electric Company. Electric circuit interrupter. 2,147,497; Feb. 14.
Prince, Earl S., and R. MacDougall, Sterling, and J. Brotheridge, Rock Falls, assignors to Prince Castles Manufacturing Division, Sterling, Ill. Multiple drink mixing machine. 2,172,593; Sept. 12.
Prince, Frank N., Brooklyn, assignor to Continental Can Company, Inc., New York, N. Y. Soldering mechanism for can bodies. 2,148,218; Feb. 21.
Prince, Helen, et al., executrices. (See McCallum, Frank.)
Prince, John, assignor to Wincharger Corporation, Sioux City, Iowa. Generator turntable mounting. 2,180,609; Nov. 21.
Prince, Robert K., Westfield, assignor of one-half to R. E. Thompson, Boston, Mass. Electromagnetic motor. 2,151,355; Mar. 21.
Prince-Smith, William, Keighley, England. Spinning, twisting, and analogous machine. 2,142,760; Jan. 3.
Princeton Knitting Mills, Inc. (See Fleisher, Harry, assignor.)
Prindle, Karl E., Shaker Heights, assignor to The Dobeckmun Company, Cleveland, Ohio. Insulating material. 2,137,726; Sept. 19.
Pringle, William A. (See Sheppard, F. J., Manuel, and Pringle.)
Pringle, William A., Niagara Falls, N. Y., and C. J. Manuel, Dover, N. H., assignors to American Sales Book Company, Inc., Niagara Falls, N. Y. Portable autographic register. 2,170,093; Aug. 22.
Prinsen, Frederik B. A., Scheveningen, Netherlands. Automatic diaphragm working by means of a photo-electric cell, a light-sensitive element, or the like. 2,163,737; June 27.
Printcote Co., The. (See Prager, George J., assignor.)
Printing Arts Research Laboratories, Inc. (See Marx, Walter S., Jr., assignor.)
Printon, Thomas A., South Orange, assignor to National Oil Products Company, Harrison, N. J. Textile treating. 2,180,256; Nov. 14.
Printz, Charles H., assignor to The Gas Machinery Company, Cleveland, Ohio. Separating fluid-tar and sludge from hot newly made water gas. 2,180,848; Nov. 21.
Printz, Charles H., assignor to The Gas Machinery Company, Cleveland, Ohio. Removing liquid tar and sludge from water gas with the non-formation of tar emulsion. 2,180,849; Nov. 21.
Prinzler, Carl J., assignor to Vonnegut Hardware Company, Indianapolis, Ind. Panic lock for doors. 2,147,581; Feb. 14.
Pritchard, Eugene R., Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Delivery truck body. 2,165,980; July 11.
Pritchard, William J., Milford, Conn., assignor to Carrier Corporation, Newark, N. J. Refrigerating apparatus control. 2,161,312; June 6.
Pritchard, William T., Belvidere, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Slitting tool. 2,144,851; Jan. 24.
Pritchard, Wilmot T. (See Nicholson, F. A., and Pritchard.)
Pritschow, Karl, assignor to Voigtlander & Sohn Aktiengesellschaft, Brunswick, Germany. Photographic camera. 2,153,813; Apr. 11.
Pritz, Clement E., Chicago, Ill. Trowel. 2,167,996; Aug. 1.
Probeck, Armand A., Cleveland, sasignor to The Federal Machine and Welder Company, Warren, Ohio. Making beams. 2,172,806; Sept. 12.
Probert, George G., Walnut Park, assignor to Emsco Derrick and Equipment Company, Los Angeles, Calif. Combination boring bar guide and sealing means. 2,182,263; Dec. 5.
Probert, John R., assignor to Woodall-Duckham (1920) Limited, London, England. Material discharge device. 2,175,541; Oct. 10.
Probst, Alfred C., Erie, Pa. Machine for creasing curtains and the like. 2,149,405; Mar. 7.
Probst, Emmet, Mountain View, N. J. Fishing net equipment. 2,172,175; Sept. 5.
Probst, Karl K., Toledo, Ohio. Vehicle construction. 2,157,773; May 9.
Probst, Karl K., Detroit, Mich., assignor to K. K. Probst and J. H. Shoemaker, trustees. Clutch. 2,182,387; Dec. 5.
Process Management Company. (See Atwell, Harold V., assignor.)
Process Management Company, Inc. (See Atwell, H. V., and Mandelbaum, assignors.)
Process Management Company. (See Cooke, Horace B., assignor.)

Process Management Company. (See Keith, Percival C., Jr., assignor.)
Process Management Company. (See Ruthruff, Robert F., assignor.)
Process Management Company. (See Sullivan, Pike H., assignor.)
Process Rubber Plate Company. (See Oakes, Gradie, assignor.)
Prochaska, Carroll W., Mount Vernon, N. Y. Method for treating worn pistons. 2,153,992; Apr. 11.
Prochnow, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Tuning arrangement with selective setting of predetermined frequencies. 2,182,352; Dec. 5.
Procissi, Paul S. (See Reifer, G. M., and Lundene.)
Procter & Gamble Company, The. (See Duncan, Robert A., assignor.)
Procter & Gamble Company, The. (See Eckey, Eddy W., assignor.)
Procter & Gamble Company, The. (See Harris, Benjamin R., assignor.)
Procter & Gamble Company, The. (See Martin, Wilfred S., assignor.)
Procter & Gamble Company, The. (See Mills, Victor, assignor.)
Proctor, Barton A., Larchmont, N. Y., assignor to Kinatome Patents Corporation. Photographic apparatus. 2,174,529; Oct. 3.
Proctor, Carl R., Lewiston, Maine. Centering jack. 2,154,182; Apr. 11.
Proctor, John R. (See Campbell, R., and Proctor.)
Proctor & Schwartz, Incorporated. (See Harrison, Alma J., assignor.)
Proctor & Schwartz, Incorporated. (See Morrison, Charles S., assignor.)
Proctor & Schwartz, Incorporated. (See Myers, Joseph W., assignor.)
Proctor & Schwartz, Inc. (See Myers, J. W., and Stevenson, assignors.)
Proctor & Schwartz, Incorporated. (See Schwartz, Walter M., assignor.)
Proctor & Schwartz, Incorporated. (See Wanamaker, Harry F., assignor.)
Procunier, Harry G, assignor to Procunier Safety Chuck Company, Chicago, Ill. Drill press for tapping attachment. 2,160,674; May 30.
Procunier Safety Chuck Company. (See Procunier, Harry G., assignor.)
Product Development and Engineering Corporation. (See Trofimov, Lev A., assignor.)
Production Machine Company. (See Fuller, Rufus W., assignor.)
Production Oil Products, Inc. (See Guthmann, Walter S., assignor.)
Productive Inventions, Inc. (See Anderson, John W., assignor.)
Productive Inventions, Inc. (See Bidwell, Earl E., assignor.)
Proehl, Howard, et al. (See McFarland, Rolla J., assignor.)
Proetto, Giuseppe, Philadelphia, Pa. Insecticide. 2,159,953; May 23.
Progress Specialty Company. (See McDonald, John I., assignor.)
Progress Vacuum Corporation. (See Kroenlein, Henry A., assignor.)
Progressive Leather Goods Co. (See Stember, B., and Weinstein, assignors.)
Progressive Service Company. (See Deubel, Carl G., assignor.)
Progressive Silk Finishing Co. (See Milhomme, Alexander, assignor.)
Projansky, Henry, Revere, Mass. Cup holder. 2,153,391; Apr. 4.
Prokopenko, Gustav C., assignor to Everett Experimental & Development Co., Shanghai, China. Steel and iron detector. 2,161,635; June 6.
Prolamine Products Incorporated. (See Hansen, D. W., and Shildneck, assignors.)
Prolamine Products Incorporated. (See Weber, Harry M., assignor.)
Promisel, Nathan. (See Egeberg, B., and Promisel.)
Prondecki, Edwin, Turners Falls, Mass. Ice creeper. 2,155,979; Apr. 25.
Pronto File Corp. (See Mandel, Jacob, assignor.)
Propane Development Corporation. (See Schlumbohm, Peter, assignor.)
Propello Inventions Limited. (See Yoxall, Joseph, assignor.)
Pro-phy-lac-tic Brush Company. (See Hill, W. E., and McArthur, assignors.)
Proportioneers, Inc. (See Corydon, J., and Lowe, assignors.)
Proportioneers, Inc., et al. (See Purdie, David J., assignor.)
Propper-McCallum Hosiery Co. (See Torbet, Ernest M., assignor.)
Prosen, Emil M., assignor to Nobilium Products, Inc., Philadelphia, Pa. Dental investment or refractory material. 2,152,152; Mar. 28.
Prosperity Company, The. (See Zimarik, Louis, assignor.)
Prosser, Joseph G., Onekama, Mich. Apparatus for molding concrete pipe. 2,164,624; July 4.
Prosser, Joseph G., Onekama, Mich., and E. L. Johnson, Loma Linda, Calif. Concrete pipe and producing same. 2,164,625; July 4.
Prosser, Joseph V., Los Angeles, Calif. Cooking stove. 2,161,196; June 6.
Prost, Hans. (See Buschbeck, W., and Prost.)
Protecto Products Co. (See Shelley, James H., assignor.)
Protectoseal Company of America, Inc. (See Anshicks, Rudolph J., assignor.)
Protectoseal Company of America, Inc. (See Lebus, William A., assignor.)
Protex Industries, Inc. (See Anderson, W. J., and Rosen, assignors.)
Protherio Radium Memorial. (See Rovner, Leopold, assignor.)
Protin, Edward J., Charleroi, Pa. Thread protector. 2,161,197; June 6.
Protona A. G. (See Chaplin, Stephen, assignor.)
Protona A. G. (See Hichstadter, Martin, assignor.)
Protz, Hugo E., La Crosse, Wis. Insert for shoe heels. 2,155,905; Apr. 25.
Protzeller, Harry W., assignor to Fairmont Railway Motors, Inc., Fairmont, Minn. Method of and apparatus for cleaning and handling ballast. 2,142,208; Jan. 3.
Protzeller, Harry W., assignor to Fairmont Railway Motors, Inc., Fairmont, Minn. Apparatus for cleaning ballast. 2,165,068; July 4.
Protzen, Armand, Berlin-Spandau, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung, Berlin, Germany. Attitude control means for aircraft. 2,162,862; June 20.
Proust, Gilbert, Paris, France. Billiard table. 2,147,107; Feb. 14.
Prout, Herbert L., Elkhart, Ind. Portable line leveling device. 2,149,360; Mar. 7.
Prouvot, Georges L. V. J. (See Iinesco, J., and Prouvot.)
Provenzano, Anthony H., Buffalo, N. Y. Speed indicator and signal. 2,146,349; Feb. 7.
Providence Braid Co. (See Albion, Charles M., assignor.)
Providence Stock Company. (See Myrberg, Sven O., assignor.)
Provident Trust Company of Philadelphia, et al. (See Horrocks, Thomas S., assignor.)
Provine, Robert W., and H. T. Bennett, assignors to Mid-Continent Petroleum Corporation, Tulsa, Okla. Lubricant and making the same. 2,144,773; Jan. 24.
Prox, Frank, Company. (See Fulke, Frank L., assignor.)
Prudden, Theodore M., Hingham Center, Mass. Panel damping structure. 2,166,848; July 18.
Prudden, Theodore M., Hingham, Mass. Acoustical treatment for upholstered structures. 2,168,627; Aug. 8.
Pruden, Harold M., Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,183,941; Dec. 19.
Pruitt, Harvey E., assignor to Palmer-Edwards Company, Flint, Mich. Single spindle nut tapping machine. 2,159,708; May 23.
Pruner, Arthur F., Oklahoma City, Okla. Door locking mechanism. 2,165,577; July 11.
Prüss, Max, and H. Blunk, Essen, Germany. Separating of heavy materials from a stream of liquid of varying quantity. 2,165,152; July 4.
Prutton, Carl F., assignor, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating composition. 2,150,079; Mar. 7.
Prutton, Carl F., Cleveland Heights, assignor, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating composition. 2,153,482; Apr. 4.
Prutton, Carl F., Cleveland Heights, assignor, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricant. 2,155,204; Apr. 18.
Prutton, Carl F., Cleveland, Ohio, assignor to The Dow Chemical Company, Midland, Mich. Chlorinated diphenyl ethers and making same. 2,165,813; July 11.
Prutton, Carl F., East Cleveland, assignor to The Lubri-Zol Corporation, Cleveland, Ohio. Lubricating composition. 2,178,514; Oct. 31.
Prutton, Carl F., Cleveland Heights, and D. R. Frey, East Cleveland, assignors to The Lubri-Zol Corporation, Wickliffe, Ohio. Antidetonating agent and motor fuel containing same. 2,145,889; Feb. 7.
Prutton, Carl F., East Cleveland, and A. K. Smith, Shaker Heights, assignors, by mesne assignments, to The Lubri-Zol Development Corporation, Cleveland, Ohio. Lubricating composition. 2,178,513; Oct. 31.
Pruyn, Francis L., Sea Girt, N. J. Filter bed cleaning. 2,182,094; Dec. 5.
Pruyn, Francis L., Sea Girt, N. J. Filter bed cleaning. 2,182,095; Dec. 5.
Pruzan, Barney, New York, N. Y. Separable fastener. 2,180,167; Nov. 14.
Pryne, Alexander T., Los Angeles, Calif. Concrete form tie wire tightener and fastener. 2,152,090; Mar. 28.
Przyborowski, Stanislaus, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Making cross-fin coils. 2,181,107; Nov. 21.
Przyborowski, Stanislaus, Tonawanda, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Apparatus for making cross-fin coils. 2,181,108; Nov. 21.
Public, Dedicated to the free use of the. (See Batchelder, Charles H.)
Public in the territory of the United States, dedicated to the free use of the. (See Dearborn, Frederick E.)

Public in the Territory of the United States of America, Dedicated to the free use of the. (See Carter, Roscoe H.)
Public in the territory of the United States of America, dedicated to the free use of the. (See Funke, Fred W.)
Public in the territory of the United States of America, dedicated to the free use of the. (See Newlin, J. A., and Trayer.)
Puccetti, Moses, Kelseyville, Calif. Cork remover. 2,145,129; Jan. 24.
Puccinelli, Romolo L., Turlock, Calif. Elevator and mixer. 2,161,485; June 6.
Puckette, Charles C., Coventry, assignor to The General Electric Company, Limited, London, England. Impulse sender for use in telephone systems. 2,165,766; July 11.
Puco, Chester E., et al. (See Ferranti, Elmer, assignor.)
Pudelko, Riccard, and H. Tobler, Zug, Switzerland, assignors to Landis & Gyr, A.-G. Registering mechanism. 2,145,697; Jan. 31.
Puderbaugh, David G., Altoona, Pa. Dispenser. 2,145,779; Jan. 31.
Puening, Franz, London, England. Coke oven with internally heated movable heating walls. 2,174,832; Oct. 3.
Puening, Franz, London, England. Coke oven with movable heating walls. 2,174,833; Oct. 3.
Puerner, George O., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Push-button switch. 2,146,269; Feb. 7.
Puetzer, Bruno, Albany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Antiseptic, disinfecting and preserving media. 2,156,193; Apr. 25.
Pufahl, Hans R., Chicago, Ill., and J. H. Bucknam, Cranford, N. J., assignors to The Linde Air Products Company. Method and apparatus for thermochemically removing metal from bodies of ferrous metal. 2,168,581; Aug. 8.
Puffer, Samuel R. (See Auger, C. H., and Puffer.)
Puffer, Samuel R., Saugus, Mass., assignor to General Electric Company. Gas turbine driven generator arrangement. 2,180,168; Nov. 14.
Pugh, Addie A. (See Pugh, John D., assignor.)
Pugh, Addie A., et al., executors. (See Pugh, John D.)
Pugh, Benjamin J., Hamilton, Mont. Hydraulic motor. 2,150,293; Mar. 14.
Pugh, James W., assignor of one-half to R. D. Worth, Edgewater, Colo. Tie holder and guide. 2,174,478; Sept. 26.
Pugh, John D., deceased; A. A. Pugh and F. H. Smith, executors, assignors to said A. A. Pugh, Baltimore, Md. Hot metal car. 2,144,637; Jan. 24.
Pugh, John D., deceased; A. A. Pugh and F. H. Smith, executors, assignors to A. A. Pugh, Baltimore, Md. Apparatus for transferring molten materials. 2,151,391; Mar. 21.
Pugh, John D., deceased; A. A. Pugh and F. H. Smith, executors, assignors to A. A. Pugh, Baltimore, Md. Apparatus for the transportation of molten materials. 2,151,392; Mar. 21.
Pugh, Samuel T., Radford, assignor of fifty per cent to W. T. Burnette, Altavista, Va. Loom. 2,185,063; Dec. 26.
Pugsley, Edwin, New Haven, Conn., assignor, by mesne assignments, to Western Cartridge Company. Firearm. 2,158,148; May 16.
Pugsley, Edwin, New Haven, Conn., assignor, by mesne assignments, to Western Cartridge Company. Firearm. 2,168,149; May 16.
Pulaski, Edward. (See Spiner, C. B., and Pulaski.)
Pulaski, Frank L., Sherwood, Oreg. Thermionic microphone. 2,157,719; May 9.
Pulford, Alfred. (See Williams, William J., assignor.)
Pulfrich, Hans, Berlin-Friedenau, Germany, assignor to General Electric Company. Ceramic-to-metal seal. 2,163,407; June 20.
Pulfrich, Hans, Berlin-Friedenau, Germany, assignor to General Electric Company. Vacuum-tight seal. 2,163,408; June 20.
Pulfrich, Hans, Berlin-Friedenau, Germany, assignor to General Electric Company. Ceramic-to-metal seal. 2,163,409; June 20.
Pulfrich, Hans, Berlin-Friedenau, and R. Magner, Berlin, Germany, assignors to General Electric Company. Ceramic-to-metal seal. 2,163,410; June 20.
Pulfrich, Hans, Berlin-Wilmersdorf, Germany, assignor to General Electric Company. Composite body. 2,174,390; Sept. 26.
Pulfrich, Hans, Berlin-Friedenau, Germany, assignor to General Electric Company. Composite body. 2,175,916; Oct. 10.
Pulidori, Palmiro, Florence, Italy. Atomizer for liquids in general and in particular for liquid fuels. 2,153,024; Apr. 4.
Pullen, Fred W., assignor to Bissell Carpet Sweeper Company, Grand Rapids, Mich. Carpet sweeper brush drive mechanism. 2,171,633; Sept. 5.
Pullen, Fred W., assignor to Bissell Carpet Sweeper Co., Grand Rapids, Mich. Carpet sweeper. 2,178,917; Nov. 7.
Pullen, Rodney S., Akron, Ohio. Match packet. 2,159,103; May 23.
Pullen, Rodney S., Akron, Ohio, assignor to Pullenlite Company, Philadelphia, Pa. Match packeting machine and method. 2,152,441; Mar. 28.
Pullenlite Company. (See Pullen, Rodney S., assignor.)
Pullins, Atwood V., assignor of one-half to C. Hipsh, Kansas City, Mo. Loom. 2,157,304; May 9.
Pullis, George A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,148,578; Feb. 28.
Pullman Company, The. (See Crawford, David A., assignor.)
Pullman Company, The. (See Parke, P., and Marshall, assignors.)
Pullman-Standard Car Manufacturing Company. (See Blomberg, Martin P., assignor.)
Pullman-Standard Car Manufacturing Company. (See Blomberg, M. P., and Mussey, assignors.)
Pullman-Standard Car Manufacturing Company. (See Christianson, Andrew, assignor.)
Pullman-Standard Car Manufacturing Company. (See Hartwig, Arthur H., assignor.)
Pullman-Standard Car Manufacturing Company. (See Mitchell, Ormah R., assignor.)
Pullman-Standard Car Manufacturing Company. (See Mussey, William H., assignor.)
Pullman-Standard Car Manufacturing Company. (See Test, E. W., Winther, and Peterson, assignors.)
Pulp-Paper Machines, Ltd. (See Norman, Sigurd, assignor.)
Pulsifer, Ernest, Salem, Mass. Box. 2,145,993; Feb. 7.
Pulvári-Pulvermacher, Karl, Budapest, Hungary. Avoiding disturbances in the reception of electric oscillations 2,144,995; Jan. 24.
Pulver, Robert W., San Jose, Calif. Ladder. 2,152,324; Mar. 28.
Pump Engineering Service Corporation. (See Johnson, James P., assignor.)
Püngel, Wilhelm, Dortmund, assignor to Kohle-und Eisenforschung G. m. b. H., Dusseldorf, Germany. Welded structural element. 2,163,209; June 20.
Pungs, Leo, Brunswick, Germany. Modulating high frequency transmitters. 2,161,313; June 6.
Punnett, Ellis L., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Sulphur dyestuffs. 2,182,351; Dec. 5.
Punte, William F. (See O'Brien, F. J., and Punte.)
Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Milk can. 2,146,226; Feb. 7.
Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Side seam for sheet metal can bodies. 2,156,028; Apr. 23.
Punte, William F., Syracuse, and E. E. Baker, Mamaroneck, assignors to Continental Can Company, Inc., New York, N. Y. Container for adhesive tape. 2,168,105; Aug. 1.
Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Sheet metal can body. 2,177,028; Oct. 24.
Punte, William F., Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Sheet metal can body. 2,177,029; Oct. 24.
Pupin, Michael I., deceased, by V. P. Smith, administratrix, Norfolk, Conn. Telegraph system. 2,150,781; Mar. 14.
Purcell, Harry H. (See Pye, D. J., and Purcell.)
Purdie, David J., Verona, N. J., assignor of one-half to Hershey Manufacturing Company, Boston, Mass., and one-half to Proportioneers, Inc., Providence, R. I. Proportional flow mechanism. 2,165,153; July 4.
Purdon, James C., Akron, Ohio. Sectional removable railway tie. 2,150,940; Mar. 21.
Purdue Research Foundation. (See Adas, Thomas L., assignor.)
Purdue Research Foundation. (See Brewer, P. H., and Kraybill, assignors.)
Purdue Research Foundation. (See Hass, H. B., and McBee, assignors.)
Purdue Research Foundation. (See Hass, H. B., and Seigle, assignors.)
Purdue Research Foundation. (See Hass, H. B., and Vanderbilt, assignors.)
Purdue Research Foundation. (See Johnson, Kenneth, assignor.)
Purdue Research Foundation. (See Kraybill, H. R., Brewer, and Thornton, assignors.)
Purdue Research Foundation. (See Lippincott, Samuel B., assignor.)
Purdum, Oscar W., Atchison, Kans. Trot line jig.
Purdy, Charles F. (See Jandus, H. S., and Purdy.)
Purdy, Chester A., Hinsdale, and W. B. Wines, Elmhurst, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Control mechanism. 2,146,848; Feb. 14.
Purdy, Dolly. (See Sachs, Fred J., assignor.)
Purdy, Eugene H. (See Spangler, J. I., Eades, and Purdy.)
Purdy, Everett M., New Canaan, Conn., assignor to Eisemann Magneto Corporation, New York, N. Y. Fuel injection pump. 2,166,876; July 18.
Pure Carbon Company. (See Burr, M. C., and Eynon, assignors.)
Pure Milk Cheese Company. (See Petersen, Thorkild, assignor.)
Pure Oil Company, The. (See Carr, Richard H.)
Pure Oil Company, The. (See Carr, R. H., Saxon, Hebard, and Neal, assignors.)

Pure Oil Company, The. (See Chittick, Martin B., assignor.)
Pure Oil Company, The. (See Finsterbusch, Karl, assignor.)
Pure Oil Company, The. (See Maschwitz, Percy A., assignor.)
Pure Oil Company, The. (See Osterstrom, Rudolph C., assignor.)
Pure Oil Company, The. (See Rollin, George W., assignor.)
Pure Oil Company, The. (See Schutt, Hermann C., assignor.)
Pure Oil Company, The. (See Sutton, Earl D., assignor.) 2,158,947; May 16.
Pure Oil Company, The. (See Wagner, Cary R., assignor.)
Pure Oil Company, The. (See Wagner, C. R., and Carr, assignors.)
Pure Oil Company, The. (See Wagner, C. R., and Raine, assignors.)
Purifoy, George R., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. 2,157,917; May 9.
Purington, Ellison S., Gloucester, Mass., assignor to J. H. Hammond, Jr. Altitude determining system for aircraft. 2,152,325; Mar. 28.
Purinton, Forrest G. (See Carley, L. R., and Purinton.)
Purinton, Forrest G., Waterbury, Conn. Garment supporter. 2,154,863; Apr. 18.
Purinton, Forrest G., Waterbury, Conn. Garment supporter. 2,154,864; Apr. 18.
Purinton, Forrest G., assignor to The Patent Button Company, Waterbury, Conn. Rivet button. 2,172,594; Sept. 12.
Purinton, Forrest G., assignor to The Patent Button Company, Waterbury, Conn. Flexible button. 2,176,545; Oct. 17.
Purinton, Forrest G., assignor to The Patent Button Company, Waterbury, Conn. Tack button. 2,179,521; Nov. 14.
Purinton, Forrest G., assignor to The Patent Button Company, Waterbury, Conn. Tack button. 2,179,522; Nov. 14.
Puritan Compressed Gas Corporation. (See Adolphsen, Albert W., assignor.)
Puritan Manufacturing Company. (See Poole, J. V., and Clarke, assignors.)
Purity Bakeries Corporation. (See Waitzman, Hyman, assignor.)
Purity Paper Products, Inc. (See Simmons, Paul R., assignor.)
Purity Paper Vessels Company, The. (See Murison, Alexander A., assignor.)
Purkardhofer, Giorgio, and G. Battilana, Triesta, Italy, assignors of two-thirds to O. De Martini, New York, and one-third to M. Palisca, Jamaica, N. Y. Solder. 2,167,678; Aug. 1.
Purkis, Frank T. (See Ward, A. N., and Purkis.)
Purnell, Guy, Angleton, Tex. Detachable blade core bit. 2,182,035; Dec. 5.
Pursell, Phil B. (See Reed, Paul N., assignor.)
Purser, Joseph H., and E. H. Woolard, Cedartown, Ga. Fan traveler. 2,146,849; Feb. 14.
Purtell, William A., West Hartford, Conn. Self-locking screw. 2,177,003; Oct. 24.
Purtell, William A., West Hartford, Conn. Screw. 2,177,004; Oct. 24.
Purtell, William A., West Hartford, Conn. Locking screw. 2,177,005; Oct. 24.
Purves, Andrew, Holyoke, Mass. Fourdrinier manufacture. 2,170,308; Aug. 22.
Purviance, Nathan M., Lewiston, Idaho. Pen and pencil holder. 2,174,834; Oct. 3.
Purviance, Percy, Los Angeles, Calif. Triple fire extinguisher. 2,177,581; Oct. 24.
Purvin, Benjamin R., assignor to Barber-Colman Company, Rockford, Ill. Hobbing machine. 2,167,267; July 25.
Purvis, Joseph R., assignor of one-half to H. J. Hacker, Toronto, Ontario, Canada. Automobile marker lock. 2,183,266; Dec. 12.
Purvis, Judson A., Chicago, Ill. Service manual or guide 2,181,588; Nov. 28.
Purvis, Judson A., Chicago, Ill. Balanced wheel assembly. 2,185,017; Dec. 26.
Pustmueller, Paul S., Bakersfield, assignors to Shell Development Company, San Francisco, Calif. Process and apparatus for cementing oil wells. 2,160,228; May 30.
Putlock, Joseph R. (See Nivison, W. S., and Putlock.)
Putnam, Claude A., and C. F. Robbins, assignors to Markem Machine Company, Keene, N. H. Marking machine. 2,151,230; Mar. 21.
Putnam, Clifford A. (See Woodyard, K. C., Putnam and Prescott.)
Putnam, George W., Youngstown, assignor to The Republic Steel Corporation, Cleveland, Ohio. Open hearth furnace. 2,169,163; Aug. 8.
Putnam, James R., Prospect, assignor to The Waterbury Clock Company, Waterbury, Conn. Power-driven hand tool. 2,146,551; Feb. 7.
Putnam, John A., Laurens, S. C. Lock for wooden casket cases. 2,146,313; Feb. 7.
Putnam, John T., and E. G. Shure, Chicago, Ill.; said Shure assignor to J. Howard Seymour, Wayne, Ill. Illuminating and advertising device for showcases. 2,163,562; June 20.
Putnam, Joseph F., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Pipe feed device. 2,166,609; July 18.
Putnam, Joseph F., Berkeley, and E. E. Edwards, Walnut Creek, assignors to Standard Oil Company of California, San Francisco, Calif. Liquid flow control apparatus. 2,166,370; July 18.
Putnam, Mabel C., assignor to Clamp Nail Company, Chicago, Ill. Wood joint fastener. 2,151,716; Mar. 28.
Putnam, Mabel C., assignor to Clamp Nail Company, Chicago, Ill. Clamp nail and making same. 2,170,462; Aug. 22.
Puurmann, Juri, Paris, France. Fuel injection apparatus for internal combustion engines. 2,147,989; Feb. 21.
Pye, David J. (See Hirschkind, W., Pye, and Thompson.)
Pye, David J., Pittsburg, Calif. Cold permanent waving of hair. 2,183,894; Dec. 19.
Pye, David J., and H. H. Purcell, Pittsburg, Calif., assignors by mesne assignments, to The Dow Chemical Company, Midland, Mich. Production of alkyl bromide. 2,173,133; Sept. 19.
Pye, Harold C., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone transmitter. 2,149,628; Mar. 7.
Pye, Harold C., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone instrument. 2,152,915; Apr. 4.
Pye, Harold C., Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone instrument. 2,152,916; Apr. 4.
Pyle, Cyrus. (See Osterloh, R. H., Pyle, Voytilla, and Ficke.)
Pyle, Edward H., Oakland, and T. E. Ross, Berkeley, assignors to California Packing Corporation, San Francisco, Calif. Controlling apparatus. 2,176,471; Oct. 17.
Pyle, Howard C., assignor to Union Oil Company of California, Los Angeles, Calif. Gas lift or natural flow well. 2,181,099; Nov. 21.
Pyle, Howard S. (See Beaufort, J. M., and Pyle.)
Pyle-National Company, The. (See McDowell, Thomas E., assignor.)
Pyle-National Company, The. (See Wulle, William A., assignor.)
Pyluck, Steven, Maine, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Feeding mechanism for sewing machines. 2,145,554; Jan. 31.
Pym, Arthur F. (See Eastman, F. C., and Pym.)
Pym, Arthur F., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,173,980; Sept. 26.
Pym, Arthur F., Swampscott, and P. E. Burby, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Spring mechanism. 2,143,030; Jan. 10.
Pym, Arthur F., Swampscott, and R. E. Duplessis, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,146,762; Feb. 14.
Pyne, Roger S. (See Van Norman, F. D., Stowell, and Pyne.)
Pyramid Manufacturing Co. (See Morris, Joseph L., assignor.)
Pyrene Manufacturing Company. (See Hunter, John N., assignor.)
Pyrene Manufacturing Company. (See MacGregor, Peter G., assignor.)
Pyrene-Minimax Corporation. (See Burmeister, Hans, assignor.)
Pyrene-Minimax Corporation. (See Timpson, Lewis G. M., assignor.)
Pyridium Corporation. (See Edelman, M. D., and Tisza, assignors.)
Pyro Products Corporation. (See Hinsky, Anthony P., assignor.)
Pyros, Thomas A., Pittsburgh, Pa. Collar and tie holder. 2,146,227; Feb. 7.
Pyster, John N., and C. W. Stuke, Barquito, Chile. Furnace wall and part thereof and method. 2,174,597; Oct. 3.
Pyzel, Ewald D. (See Ruys, J. D., and Pyzel.)
Pyzel, Ewald D., Pittsburg, assignor to Shell Development Company, San Francisco, Calif. Hydrogenation of olefin polymers. 2,147,268; Feb. 14.
Quade, Wilhelm. (See Hass, C., Witt, and Quade.)
Quadrex Corporation. (See Leathers, Ward, assignor.)
Quadt, John W., Queens Village, N. Y., assignor to Mergenthaler Linotype Company. Type casting matrix. 2,163,854; June 27.
Quady, Albert T., Great Falls, Mont. Hair curler. 2,174,479; Sept. 26.
Quaedvlieg, Matthias. (See Brodersen, K., and Quaedvlieg.)
Quaker City Iron Works (See Jensen, J. A., and Ziegler, assignors.)
Quaker Hosiery Company. (See Smetana, Otto F., assignor.)
Quaker Manufacturing Company. (See Howard, David J., assignor.)

Quality Hardware & Machine Corporation. (See Guze, Emil B., assignor.)
Quality Hardware and Machine Corporation. (See Laystrom, Hilding A., assignor.)
Quam, James P., assignor to Quam-Nichols Company, Chicago, Ill. Loudspeaker and making the same. 2,175,994; Oct. 10.
Quam-Nichols Company. (See Quam, James P., assignor.)
Quamma, Martin, San Diego, Calif. Can aligning means. 2,159,049; May 23.
Quamma, Martin, San Diego, Calif. Tall can aligning device. 2,159,050; May 23.
Quanquin, Bernard. (See Dessévre, J., Durepaire, and Quanquin.)
Quantz, Calvin D., Detroit, Mich. Two-cycle engine. Re. 21,219; Sept. 26.
Quarnstrom, Bert L., assignor to Bundy Tubing Company, Detroit, Mich. Apparatus for copper welding or heat treating tubing or other long lengths of metal. 2,151,989; Mar. 28.
Quartullo, Orpheus F., Shaker Heights, Ohio. Multiple-axle drive. 2,166,099; July 11.
Quarzlampen-Gesellschaft m. b. H. (See Jollasse, Erik, assignor.)
Quasebarth, Kurt H., Hauppauge, N. Y. Producing articles having a variegated composition and an undulated surface and the product thereof. 2,144,388; Jan. 17.
Quave, Oscar E., Huntington Park, and B. B. Breslow, assignors to Utility Fan Corporation, Los Angeles, Calif. Supporting filter pads. 2,182,501; Dec. 5.
Quayle, George, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Skid platform. 2,145,093; Jan. 24.
Queen Anne Candy Company. (See Sullivan, Eugene E., assignor.)
Queen, Grover C., Pomona, N. C. Alarm device. 2,153,875; Apr. 11.
Queen, Walter K., Needham, Mass. Rod packing. 2,151,356; Mar. 21.
Queensland Trustees Limited, executor. (See Teece, Sydney H.)
Queneau, Augustin L. J., Bernardsville, N. J. Electromagnetic separator device. 2,154,010; Apr. 11.
Queneau, Augustin L. J., Bernardsville, N. J. Apparatus for magnetically separating materials. 2,177,809; Oct. 31.
Quennard, George H., Morristown, N. J., assignor to Quennard Latex Products Corporation, New York, N. Y. Footwear protecting device. 2,149,102; Feb. 28.
Quennard Latex Products Corporation. (See Quennard, George H., assignor.)
Quetin, Georgina A., San Jose, Calif. Clasp. 2,159,709; May 23.
Quick, Cecil G., London, and H. W. Shadrack, Danbury, England, assignors to R. Hoe & Co., Inc., New York, N. Y. Ball bearing. 2,184,081; Dec. 19.
Quick, Ray S., Burlingame, Calif., assignor to The Pelton Water Wheel Company. Surge suppressor. 2,142,410; Jan. 3.
Quick, Ray S., Burlingame, L. M. Karnasch, San Francisco, and E. M. Breed, San Mateo, assignors to The Pelton Water Wheel Company, San Francisco, Calif. Energy absorber. 2,174,598; Oct. 3.
Quick, Ray S., Burlingame, and G. A. Buehle, assignors to The Pelton Water Wheel Company, San Francisco, Calif. Hydraulic system. 2,178,123; Oct. 31.
Quick, Roy T., assignor to G. H. Werfelman, Los Angeles, Calif. Pipe cleaning apparatus. 2,167,087; July 25.
Quiggle, Dorothy, State College, Pa. Oxygen-absorbing solution. 2,170,596; Aug. 22.
Quigley, John T., Eagle Rock, Calif. Vertical file folder. 2,151,717; Mar. 28.
Quinio, Louis, Tarentum, Pa. Gauge for and method of waving hair. 2,166,558; July 18.
Quinlan, Hollis J., East Cleveland, assignor of one-half to H. Stratford, Cleveland, Ohio. Commercial package. 2,157,740; May 9.
Quinlan, John H., Shandaken, N. Y. Window shade and curtain holder. 2,175,761; Oct. 10.
Quinland, John J., La Grande, Oreg. Window operating device for vehicles. 2,142,209; Jan. 3.
Quinn, Clara E., St. Petersburg, Fla. Refrigerator. 2,142,083; Jan. 3.
Quinn, Clara E., St. Petersburg, Fla. Liquid cooler. 2,144,809; Jan. 24.
Quinn, Edward, Brooklyn, N. Y., assignor to The Del-Mac Shoe Process Corporation. Shoe sewing machine. 2,142,966; Jan. 3.
Quinn, Edward, Brooklyn, N. Y., assignor to The Del-Mac Shoe Process Corporation. Machine for operating on shoes. 2,183,170; Dec. 12.
Quinn, Edwin A., New Orleans, La. Error correcting device for typewriters. 2,142,761; Jan. 3.
Quinn, James E., Normandy, and H. F. Elliott, University City, assignors to International Shoe Company, St. Louis, Mo. Making shoes. 2,160,624; May 30.
Quinn, James E., Normandy, and H. F. Elliott, University City, assignors to International Shoe Company, St. Louis, Mo. Shoe 2,160,625; May 30.
Quinn, John E., Philadelphia, Pa. Welt construction for full-fashioned hosiery. 2,148,836; Feb. 28.
Quinn, Nelson J., Toledo, assignor of one-half to H. B Fay, Shaker Heights, Ohio. Sand blasting apparatus. 2,159,051; May 23.
Quinn, Robert G., Glens Falls, assignor to International Paper Company, New York, N. Y. Composition board and making the same. 2,144,271; Jan. 17.
Quinn, Roy R., Cherryville, N. C. Nozzle wiping device. 2,174,214; Sept. 26.
Quintal, Manuel, assignor of one-third to E. Tong and one-third to S. Den Ho, Honolulu, Hawaii. Permutation padlock. 2,159,291; May 23.
Quintavalle, Umberto, assignor to Fabbrica Italiana Magneti Marelli Soc. An., Milan, Italy. Ignition magneto. 2,154,865; Apr. 18.
Quirk, Justin P., St. Louis County, assignor to United Wood Heel Company, St. Louis, Mo. Shank stiffener. 2,159,602; May 23.
Quirk, Justin P., St. Louis County, assignor to United Wood Heel Company, St. Louis, Mo. Shank stiffener. 2,176,684; Oct. 17.
Quiroz, Francisco A., Newark, N. J. Rotary pump. 2,152,498; Mar. 28.
Quisling, Sverre, Madison, Wis. Silicate-containing products and processes of making. 2,152,917; Apr. 4.
Quisling, Sverre, Madison, Wis. Wax and cellulose ester composition. 2,154,822; Apr. 18.
Qviller, Olaf, Oslo, Norway, assignor to Fibre Making Processes, Inc., Chicago, Ill. Machine for removing water from pulp, cellulose, and the like. Re. 21,201; Sept. 5.
R-B-M Manufacturing Company. (See Morris, Marion W., assignor.)
R. C. Can Company. (See Rutkowski, Walter L., assignor.)
R K O Studios, Inc. (See Aalberg, John O., assignor.)
R. K. O. Studios, Inc. (See Eglingon, W., and Cunningham, assignors.)
RKO Studios, Inc. (See Winchester, Armstead C., assignor.)
Raab, Fred C., and E. C. Wright, Beaver, Pa., assignors to National Tube Company. Manufacture of steel or alloy tubes. 2,184,624; Dec. 26.
Raad, Thomas O., New York, N. Y. Building brick or block. 2,151,798; Mar. 28.
Raapke, William C., Omaha, Nebr. Curtain operating means. 2,161,382; June 6.
Raasch, Emil A. G., Wauwatosa, Wis. Yarn rack. 2,147,216; Feb. 14.
Rab, Karl, and K. Walter, Vienna, Germany. Decorative covering for flowerpots. 2,159,302; May 23.
Raba, Alice H. and G. H., Paris, France. Hand driven weaving loom for home work. 2,150,187; Mar. 14.
Raba, Alice H. and G. H., Paris, France. Warp holder for hand-driven weaving looms. 2,150,843; Mar. 14.
Raba, G. H. (See Raba, Alice H. and G. H.)
Rabald, Erich. (See Rosengart, P., and Rabald.)
Rabbiner, Bertrand, Brooklyn, assignor to Aero-Bocker Knitting Mills, Inc., New York, N. Y. Garment. 2,152,211; Mar. 28.
Rabe, Heinz, Berlin-Spandau, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Steam generator with forced passage of the operating medium. 2,153,001; Apr. 4.
Rabe, Karl, Stuttgart, assignor to Dr. ing. h. c. F. Porsche, K.-G., Stuttgart-Zuffenhausen, Germany. Wheel supporting means for vehicles. 2,158,776; May 16.
Rabe, Karl, Stuttgart, assignor to Dr. ing. h. c. F. Porsche, K.-G, Stuttgart-Zuffenhausen, Germany. Spring suspension. 2,161,431; June 6.
Rabe, Karl, Stuttgart, assignor to Dr. ing. h. c. F. Porsche, K.-G., Stuttgart-Zuffenhausen, Germany. Spring mechanism for railway vehicles. 2,166,769; July 18.
Rabe, Karl, Stuttgart, assignor to Dr. ing h.c. F. Porsche, K.-G., Stuttgart-Zuffenhausen, Germany. Spring mechanism. 2,169,850; Aug. 15.
Rabe, Karl, Stuttgart, assignor to Dr. ing. h. c. F. Porsche, K.-G., Stuttgart-Zuffenhausen, Germany. Springing means for vehicles. 2,174,996; Oct. 3.
Rabell, Miriam E., Pelham Manor, N. Y. Tampon. 2,146,985; Feb. 14.
Rabenda, Edward J., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Record controlled machine. 2,153,208; Apr. 4.
Rabenda, Edward J., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,161,589; June 6.
Rabenda, Edward J., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Punching machine. 2,165,302; July 11.
Raber, Robert R. (See Whitehead, A. G., and Raber.)
Rabezzana, Hector, Flint, assignor to General Motors Corporation, Detroit, Mich. Glow plug. 2,149,868; Mar. 7.
Rabezzana, Hector, Flint, assignor to General Motors Corporation, Detroit, Mich. Spark plug shield. 2,162,118; June 13.
Rabezzana, Hector, Flint, assignor to General Motors Corporation, Detroit, Mich. Spark plug. 2,171,164; Aug. 29.
Rabezzana, Hector, Flint, assignor to General Motors Corporation, Detroit, Mich. Shielded spark plug. 2,171,165; Aug. 29.
Rabine, Mendel. (See Montel, A., and Rabine.)
Rabinowitsch, Bruno. (See Weissenberg, K., and Rabinowitsch.)

Rabinowitz, Harry, and M. Rabinowitz, Brooklyn, N. Y. Combination metal cap and dauber. 2,160,517; May 30.
Rabinowitz, Murray. (See Rabinowitz, Harry, and M.)
Rabinowitz, Seymour, New York, N. Y. Crucible mouthpiece for type casting machines. 2,150,339; Mar. 14.
Rabl, Max, Vienna, Germany, assignor to The Electric Storage Battery Company, Philadelphia, Pa. Storage battery sediment measuring device. 2,183,492; Dec. 12.
Rabuteau, Guy, and G. P. Chevigny, Paris, France, assignors to International Standard Electric Corporation, New York, N. Y. Gas-tight joint. 2,151,937; Mar. 28.
Rabuteau, Guy, and G. P. Chevigny, Paris, France, assignors to International Standard Electric Corporation, New York, N. Y. Electron discharge device provided with a cooling jacket. 2,156,063; Apr. 25.
Racen, Ferdinand, St. Louis, Mo., and W. M. Bruner, New Haven, Conn., assignors to W. G. Shelton Company, St. Louis, Mo. Exothermic mixture. 2,183,587; Dec. 19.
Rach, Carl, New York, N. Y. Making hopped beer wort. 2,163,468; June 20.
Racine, Albert C. (See Williams, L. A., and Racine.)
Racine Shoe Manufacturing Co. (See Schmidt, Edward P., assignor.)
Rada, Joseph. (See Krohn, A. J., and Rada.)
Radabaugh, Noah B., Mentor-on-the-Lake, Ohio. Plastic compound. 2,162,387; June 13.
Raddatz, August J., Milwaukee, Wis. Agitator insert for stoker retorts. 2,163,291; June 20.
Radelet, Fernand, and M. Schul, Brussels, Belgium. Gun battery or mounting, more particularly for antiaircraft defense. 2,181,819; Nov. 28.
Rader, Clarence M. (See Stephens, J. P., Rader, Steele, and Flood.)
Raders, Albert F., Freeport, Ill. Adjustable resilient seat. 2,150,844; Mar. 14.
Radford, Douglas R., et al. (See Dyer, Zeb A., assignor.)
Radford, Douglas R., et al. (See Robinson, Slayden R., assignor.)
Radford, George S., Norwalk, Conn. Thread. 2,146,314; Feb. 7.
Radiant Corporation, The. (See Mace, Arthur T., assignor.)
Radiant Energies Corporation, The. (See Fisher, James M., assignor.)
Radiart Corporation, The. (See Mace, Arthur T., assignor.)
Radiator Specialty Company. (See Stewart, Ralph T., assignor.)
Radimsky, August, Dubrovnik, Yugoslavia. Bathtub. 2,163,154; June 20.
Radioaktiengesellschaft D. S. Loewe. (See Graefe, Kurt H., assignor.)
Radioaktiengesellschaft D. S. Loewe. (See Kapteyn, Paul, assignor.)
Radioaktiengesellschaft D. S. Loewe. (See Klingsporn, Kurt, assignor.)
Radioaktiengesellschaft D. S. Loewe. (See Schlesinger, Kurt, assignor.)
Radioaktiengesellschaft D. S. Loewe. (See Schlesinger, K., and (von Ardenne, assignor).)
Radioaktiengesellschaft D. S. Loewe. (See von Ardenne, Manfred, assignor.)
Radioaktiengesellschaft D. S. Loewe. (See Wienecke, Bruno, assignor.)
Radio Corporation of America. (See Addink, N. W. H., and de Boer, assignors.)
Radio Corporation of America. (See Alburger, James R., assignor.)
Radio Corporation of America. (See Allen, Victor O., assignor.)
Radio Corporation of America. (See Allen, V. O., and Johnson, assignors.)
Radio Corporation of America. (See Alexander, J. W., and Rinia, assignors.)
Radio Corporation of America. (See Anderson, Leslie J., assignor.)
Radio Corporation of America. (See Anderson, L. E., and Harding, assignors.)
Radio Corporation of America. (See Armstrong, Reginald B., assignor.)
Radio Corporation of America. (See Artzt, Maurice, assignor.)
Radio Corporation of America. (See Atwood, John B., assignor.)
Radio Corporation of America. (See Baker, Judd O., assignor.)
Radio Corporation of America. (See Ballard, Randall C., assignor.)
Radio Corporation of America. (See Banks, George B., assignor.)
Radio Corporation of America. (See Barton, Loy E., assignor.)
Radio Corporation of America. (See Batsel, Max C., assignor.)
Radio Corporation of America. (See Battermann, Ludwig A., assignor.)
Radio Corporation of America. (See Bedford, Alda V., assignor.)
Radio Corporation of America. (See Bedford, A. V., and Magnusson, assignors.)
Radio Corporation of America. (See Beers, George L., assignor.)
Radio Corporation of America. (See Belar, Herbert, assignor.)
Radio Corporation of America. (See Bell, David A., assignor.)
Radio Corporation of America. (See Beverage, Harold H., assignor.)
Radio Corporation of America. (See Black, William A., assignor.)
Radio Corporation of America. (See Blain, Albert, assignor.)
Radio Corporation of America. (See Blancha, Felix C., assignor.)
Radio Corporation of America. (See Blessing, G. W., and Guedon, assignors.)
Radio Corporation of America. (See Bokovoy, Samuel A., assignor.)
Radio Corporation of America. (See Braate, Arthur M., assignor.)
Radio Corporation of America. (See Braden, Rene A., assignor.)
Radio Corporation of America. (See Brailsford, Joseph D., assignor.)
Radio Corporation of America. (See Brailsford, J. D., and O'Neill, assignors.)
Radio Corporation of America. (See Brett, George F., assignor.)
Radio Corporation of America. (See Brett, G. F., and Banks, assignors.)
Radio Corporation of America. (See Brown, Charles H., assignor.)
Radio Corporation of America. (See Brown, George H., assignor.)
Radio Corporation of America. (See Brown, G. H., and Koch, assignors.)
Radio Corporation of America. (See Burnside, Don G., assignor.)
Radio Corporation fo America. (See Burrill, Charles M., assignor.)
Radio Corporation of America. (See Burt, Alexander D., assignor.)
Radio Corporation of America. (See Campbell, Richard L., assignor.)
Radio Corporation of America. (See Carlson, Wendell L., assignor.)
Radio Corporation of America. (See Carlson, W. L., and Landon, assignors.)
Radio Corporation of America. (See Carter, Philip S., assignor.)
Radio Corporation of America. (See Charrier, George M., assignor.)
Radio Corporation of America. (See Chittick, Kenneth A., assignor.)
Radio Corporation of America. (See Clark, Trevor H., assignor.)
Radio Corporation of America. (See Clough, Newsome H., assignor.)
Radio Corporation of America. (See Cockerell, Christopher S., assignor.)
Radio Corporation of America. (See Collins, Milford E., assignor.)
Radio Corporation of America. (See Conklin, James W., assignor.)
Radio Corporation of America. (See Conklin, J. W., and Hansell, assignors.)
Radio Corporation of America. (See Conklin, J. W., and Serrell, assignors.)
Radio Corporation of America. (See Conron, W. H., and Carlson, assignors.)
Radio Condenser Company. (See Cramer, Russell E., assignor.)
Radio Corporation of America. (See Creager, Frederick L., assignor.)
Radio Corporation of America. (See Crosby, Murray G., assignor.)
Radio Corporation of America. (See Dalpayrat, Henri F., assignor.)
Radio Corporation of America. (See Dearing, John B., assignor.)
Radio Corporation of America. (See del Valle, Guillermo A., assignor.)
Radio Corporation of America. (See Diehl, William F., assignor.)
Radio Corporation of America. (See Diehl, W. F., and Clarke, assignors.)
Radio Corporation of America. (See Diehl, W. F., and Schrader, assignors.)
Radio Corporation of America. (See Dimmick, Glenn L., assignor.)
Radio Corporation of America. (See Ditcham, William T., assignor.)
Radio Corporation of America. (See Dolbear, Benjamin L., assignor.)
Radio Corporation of America. (See Douden, William L., assignor.)
Radio Corporation of America. (See Dow, Orville E., assignor.)
Radio Corporation of America. (See Dow, O. E., and Lindenblad, assignors.)
Radio Corporation of America. (See Dowsett, H. M., and Cadzow, assignors.)
Radio Corporation of America. (See Dowsett, H. M., and Walker, assignors.)
Radio Corporation of America. (See Dreyer, John F., Jr., assignor.)

Radio Corporation of America. (See Elston, George F., assignor.)
Radio Corporation of America. (See Emmert, Rodger J., assignor.)
Radio Corporation of America. (See Erichsen, Ruth J., assignor.)
Radio Corporation of America. (See Evans, John, assignor.)
Radio Corporation of America. (See Ewen, Harry A., assignor.)
Radio Corporation of America. (See Farnham, Paul O., assignor.)
Radio Corporation of America. (See Farrand, Clair L., assignor.)
Radio Corporation of America. (See Finch, James L., assignor.)
Radio Corporation of America. (See Fischer, Edwin L., assignor.)
Radio Corporation of America. (See Flory, Leslie E., assignor.)
Radio Corporation of America. (See Flory, L. E., and Morton, assignors.)
Radio Corporation of America. (See Flory, L. L., and Morton, assignors.)
Radio Corporation of America. (See Foster, Dudley E., assignor.)
Radio Corporation of America. (See Foster, D. E., and Finnigan, assignors.)
Radio Corporation of America. (See Franklin, Ralph E., assignor.)
Radio Corporation of America. (See Gallup, John, assignor.)
Radio Corporation of America. (See Gallup, John L., assignor.)
Radio Corporation of America. (See Garner, Lloyd P., assignor.)
Radio Corporation of America. (See George, Douglas F., assignor.)
Radio Corporation of America. (See George, Ralph W., assignor.)
Radio Corporation of America. (See George, Roscoe H., assignor.)
Radio Corporation of America. (See George, R. H., and Heim, assignors.)
Radio Corporation of America. (See George, R. H., Heim, and Hammond, assignors.)
Radio Corporation of America. (See Glans, Joseph R., assignor.)
Radio Corporation of America. (See Goddard, De Witt R., assignor.)
Radio Corporation of America. (See Goldsmith, Alfred N., assignor.)
Radio Corporation of America. (See Goldstine, Hallan E., assignor.)
Radio Corporation of America. (See Goodenough, Ernest F., assignor.)
Radio Corporation of America. (See Goston, B. F., and Neale, assignors.)
Radio Corporation of America. (See Green, Ernest, assignor.)
Radio Corporation of America. (See Green, E., and Clough, assignors.)
Radio Corporation of America. (See Green, Norval H., assignor.)
Radio Corporation of America. (See Grundmann, Gustave L., assignor.)
Radio Corporation of America. (See Grundmann, G. L., and Allen, assignors.)
Radio Corporation of America. (See Gubin, Samuel, assignor.)
Radio Corporation of America. (See Guedon, Emile C., assignor.)
Radio Corporation of America. (See Haas, P., and Taber, assignors.)
Radio Corporation of America. (See Haines, Donald G., assignor.)
Radio Corporation of America. (See Hansell, C. W., and Goldstine, assignors.)
Radio Corporation of America. (See Happe, William H., Jr., assignor.)
Radio Corporation of America. (See Harding, Arthur T., assignor.)
Radio Corporation of America. (See Harvey, Robert L., assignor.)
Radio Corporation of America. (See Hathaway, Jarrett L., assignor.)
Radio Corporation of America. (See Hawk, Henry W. N., assignor.)
Radio Corporation of America. (See Headrick, Lewis B., assignor.)
Radio Corporation of America. (See Henderson, R. A., and Hauck, assignors.)
Radio Corporation of America. (See Henroteau, Francois C. P., assignor.)
Radio Corporation of America. (See Herold, Edward W., assignor.)
Radio Corporation of America. (See Hickock, Willard, assignor.)
Radio Corporation of America. (See Hilferty, Daniel J., assignor.)
Radio Corporation of America. (See Hollingsworth, R. Lee, assignor.)
Radio Corporation of America. (See Holmes, Ralph S., assignor.)
Radio Corporation of America. (See Holst, Paul F. G., assignor.)
Radio Corporation of America. (See Holst, Poul F. G., assignor.)
Radio Corporation of America. (See Holst, P. F. G., and Kirkwood, assignors.)
Radio Corporation of America. (See Hruska, Leo J., assignor.)
Radio Corporation of America. (See Hunt, Seymour, assignor.)
Radio Corporation of America. (See Iams, Harley A., assignor.)
Radio Corporation of America. (See Jackson, Keene S., assignor.)
Radio Corporation of America. (See Janes, Robert B., assignor.)
Radio Corporation of America. (See Jarvis, K. W., and Blair, assignors.)
Radio Corporation of America. (See Jones, George E., Jr., assignor.)
Radio Corporation of America. (See Kemp, R. J., and Fewings, assignors.)
Radio Corporation of America. (See Jones, Loren F., assignor.)
Radio Corporation of America. (See Jones, Mack C., assignor.)
Radio Corporation of America. (See Jones, N. R., and Carson, assignors.)
Radio Corporation of America. (See Karolus, August, assignor.)
Radio Corporation of America. (See Kaufmann, Henry W., assignor.)
Radio Corporation of America. (See Keall, O. E., and Smith, assignors.)
Radio Corporation of America. (See Keall, Oswold E., assignor.)
Radio Corporation of America. (See Kell, Ray D., assignor.)
Radio Corporation of America. (See Kellogg, Edward W., assignor.)
Radio Corporation of America. (See Kemp, R. J., and Plaistowe, assignors.)
Radio Corporation of America. (See Kemp, Roland J., assignor.)
Radio Corporation of America. (See Kentner, Carroll D., assignor.)
Radio Corporation of America. (See Kimball, C. N., and Wilby, assignors.)
Radio Corporation of America. (See Kimball, Charles N., assignor.)
Radio Corporation of America. (See Kimmich, William, assignor.)
Radio Corporation of America. (See Kirkwood, Loren R., assignor.)
Radio Corporation of America. (See Koch, George M., assignor.)
Radio Corporation of America. (See Koch, Winfield R., assignor.)
Radio Corporation of America. (See Kohn, Samuel, assignor.)
Radio Corporation of America. (See Knotts, W. L., and Beverage, assignors.)
Radio Corporation of America. (See Kroger, Fred H., assignor.)
Radio Corporation of America. (See Lamb, James J., assignor.)
Radio Corporation of America. (See Lampel, Erich, assignor.)
Radio Corporation of America. (See Landis, Daniel O., assignor.)
Radio Corporation of America. (See Landon, Vernon D., assignor.)
Radio Corporation of America. (See La Rue, W. D., and Harvey, assignors.)
Radio Corporation of America. (See Latimer, C. W., Finch, Conklin, and Goldstine, assignors.)
Radio Corporation of America. (See Law, Russell R., assignor.)
Radio Corporation of America. (See Lederer, Ernest A., assignor.)
Radio Corporation of America. (See Lent, Worthington C., assignor.)
Radio Corporation of America. (See Leverenz, Humboldt W., assignor.)
Radio Corporation of America. (See Levin, Nyman, assignor.)
Radio Corporation of America. (See Lindenblad, Nils E., assignor.)
Radio Corporation of America. (See Linder, Ernest G., assignor.)
Radio Corporation of America. (See Linsell, Alfred A., assignor.)
Radio Corporation of America. (See Loomis, F. J., and Reynolds, assignors.)
Radio Corporation of America. (See Luck, D. G. C., and Cook, assignors.)
Radio Corporation of America. (See Luck, David G. C., assignor.)
Radio Corporation of America. (See Maloff, Ioury G., assignor.)
Radio Corporation of America. (See Malter, Louis, assignor.)
Radio Corporation of America. (See Maris, Elwood S., assignor.)

Radio Corporation of America. (See Massa, E. A., and Morton, assignors.)
Radio Corporation of America. (See Mathes, Richard E., assignor.)
Radio Corporation of America. (See Mathieu, Gaston A., assignor.)
Radio Corporation of America. (See Mavrogenis, Aristote, assignor.)
Radio Corporation of America. (See McKesson, Lewis J., assignor.)
Radio Corporation of America. (See McLennan, Miles A., assignor.)
Radio Corporation of America. (See Meier, Wilber L., assignor.)
Radio Corporation of America. (See Meredith, Russell L., assignor.)
Radio Corporation of America. (See Moore, J. B., and Mathes, assignors.)
Radio Corporation of America. (See Morgan, Raymond B., assignor.)
Radio Corporation of America. (See Morris, R. M., and Sweeny, assignors.)
Radio Corporation of America. (See Morton, G. A., and Flory, assignors.)
Radio Corporation of America. (See Morton, G. A., and Vance, assignors.)
Radio Corporation of America. (See Morton, George A., assignor.)
Radio Corporation of America. (See Moullin, Eric B., assignor.)
Radio Corporation of America. (See Mountjoy, Garrard, assignor.)
Radio Corporation of America. (See Myers, Leonard M., assignor.)
Radio Corporation of America. (See Nelson, Herbert, assignor.)
Radio Corporation of America. (See Newman, William E., assignor.)
Radio Corporation of America. (See Nyman, Alexander, assignor.)
Radio Corporation of America. (See O'Brien, William J., assignor.)
Radio Corporation of America. (See Ogloblinsky, Gregory N., assignor.)
Radio Corporation of America. (See Olson, Harry F., assignor.)
Radio Corporation of America. (See Osborn, Alden E., assignor.)
Rodio Corporation of America. (See Painter, William H., assignor.)
Radio Corporation of America. (See Paré, Victor T., assignor.)
Radio Corporation of America. (See Park, Charles W., assignor.)
Radio Corporation of America. (See Pesce, Joseph S., assignor.)
Radio Corporation of America. (See Peterson, Harold O., assignor.)
Radio Corporation of America. (See Pickard, Greenleaf W., assignor.)
Radio Corporation of America. (See Piety, Raymond G., assignor.)
Radio Corporation of America. (See Piore, Emanuel R., assignor.)
Radio Corporation of America. (See Plaistowe, D. L., and Fewings, assignors.)
Radio Corporation of America. (See Poch, Waldemar J., assignor.)
Radio Corporation of America. (See Ramberg, Edward G., assignor.)
Radio Corporation of America. (See Ranger, Richard H., assignor.)
Radio Corporation of America. (See Rath, Karl, assignor.)
Radio Corporation of America. (See Read, Sidney, Jr., assignor.)
Radio Corporation of America. (See Reid, J. D., and Kirkwood, assignors.)
Radio Corporation of America. (See Reid, John D., assignor.)
Radio Corporation of America. (See Reinartz, John L., assignor.)
Radio Corporation of America. (See Rhea, Henry E., assignor.)
Radio Corporation of America. (See Riddle, James M., Jr., assignor.)
Radio Corporation of America. (See Roberts, Walter V., assignor.)
Radio Corporation of America. (See Roberts, Walter van B., assignor.)
Radio Corporation of America. (See Rose, Albert, assignor.)
Radio Corporation of America. (See Rose, George M., Jr., assignor.)
Radio Corporation of America. (See Ross, Ernest, assignor.)
Radio Corporation of America. (See Round, Henry J., assignor.)
Radio Corporation of America. (See Runge, Frank E., assignor.)
Radio Corporation of America. (See Rust, N. M., and Brett, assignors.)
Radio Corporation of America. (See Rust, N. M., and Levin, assignors.)
Radio Corporation of America. (See Rust, Noël M., assignor.)
Radio Corporation of America. (See Sachtleben, Lawrence T., assignor.)
Radio Corporation of America. (See Salzberg, Bernard, assignor.)
Radio Corporation of America. (See Sanial, Arthur J., assignor.)
Radio Corporation of America. (See Schade, Otto H., assignor.)
Radio Corporation of America. (See Schock, Robert E., assignor.)
Radio Corporation of America. (See Schrader, Harold J., assignor.)
Radio Corporation of America. (See Seelen, H. R., and McLaughlin, assignors.)
Radio Corporation of America. (See Seeley, Stuart A., assignor.)
Radio Corporation of America. (See Seeley, Stuart W., assignor.)
Radio Corporation of America. (See Selby, Eugene O., assignor.)
Radio Corporation of America. (See Serrell, Robert, assignor.)
Radio Corporation of America. (See Shardlow, Lawrence R., assignor.)
Radio Corporation of America. (See Shelby, Robert E., assignor.)
Radio Corporation of America. (See Shepard, Francis H., Jr., assignor.)
Radio Corporation of America. (See Sherman, Jesse B., assignor.)
Radio Corporation of America. (See Shore, H., and Whitaker, assignors.)
Radio Corporation of America. (See Shore, Henry, assignor.)
Radio Corporation of America. (See Shrader, Terry M., assignor.)
Radio Corporation of America. (See Shumard, Charles C., assignor.)
Radio Corporation of America. (See Sidney, Watson, assignor.)
Radio Corporation of America. (See Siemens, Rudolph H., assignor.)
Radio Corporation of America. (See Six, Willem, assignor.)
Radio Corporation of America. (See Smith, Newell R., assignor.)
Radio Corporation of America. (See Smith, Philip T., assignor.)
Radio Corporation of America. (See Smith, Rogers M., assignor.)
Radio Corporation of America. (See Smith, S. B., and Green, assignors.)
Radio Corporation of America. (See Smith, Sidney B., assignor.)
Radio Corporation of America. (See Snow, Harold A., assignor.)
Radio Corporation of America. (See Spencer, J. A., and Mathes, assignors.)
Radio Corporation of America. (See Spencer, James A., assignor.)
Radio Corporation of America. (See Sprague, C. S., and George, assignors.)
Radio Corporation of America. (See Stocker, Arthur C., assignor.)
Radio Corporation of America. (See Stone, Fred B., assignor.)
Radio Corporation of America. (See Sturley, Kenneth R., assignor.)
Radio Corporation of America. (See Sumner, Raymond S., assignor.)
Radio Corporation of America. (See Swift, Gilbert, assignor.)
Radio Corporation of America. (See Tarzian, Sarkes, assignor.)
Radio Corporation of America. (See Tellegen, Bernardus D. H., assignor.)
Radio Corporation of America. (See Thomas, Adolph A., assignor.)
Radio Corporation of America. (See Thompson, Leland E., assignor.)
Radio Corporation of America. (See Tihanyi, Kalman, assignor.)
Radio Corporation of America. (See Tolson, W. A., and Maloff, assignors.)
Radio Corporation of America. (See Tolson, William A., assignor.)
Radio Corporation of America. (See Toulon, Pierre M. G., assignor.)
Radio Corporation of America. (See Travis, Charles, assignor.)
Radio Corporation of America. (See Treacy, Cyril S., assignor.)
Radio Corporation of America. (See Trevor, B., and George, assignors.)
Radio Corporation of America. (See Tringham, William S. L., assignor.)
Radio Corporation of America. (See Truell, Rohn, assignor.)
Radio Corporation of America. (See Trump, Edward H., assignor.)
Radio Corporation of America. (See Tunick, Harry, assignor.)

Radio Corporation of America. (See Usselman, G. L., and Goldstine, assignors.)
Radio Corporation of America. (See Usselman, George L., assignor.)
Radio Corporation of America. (See Vance, A. W., and Branson, assignors.)
Radio Corporation of America. (See Vance, Arthur W., assignor.)
Radio Corporation of America. (See Van Dyck, A. F., and Goldsmith, assignors.)
Radio Corporation of America. (See Van Dyck, Arthur F., assignor.)
Radio Corporation of America. (See Vilkomerson, Benjamin, assignor.)
Radio Corporation of America. (See Vogel, Charles P., assignor.)
Radio Corporation of America. (See Wagener, Winfield G., assignor.)
Radio Corporation of America. (See Walker, L. E. Q., and Benham, assignors.)
Radio Corporation of America. (See Wamsley, Delos H., assignor.)
Radio Corporation of America. (See Weagant, Roy A., assignor.)
Radio Corporation of America. (See Weathers, Paul, assignor.)
Radio Corporation of America. (See Wehner, John M., assignor.)
Radio Corporation of America. (See Weinberger, Julius, assignor.)
Radio Corporation of America. (See Wells, Norman, assignor.)
Radio Corporation of America. (See Wendt, Karl R., assignor.)
Radio Corporation of America. (See Weyers, Theodorus J., assignor.)
Radio Corporation of America. (See Whitaker, James N., assignor.)
Radio Corporation of America. (See Widell, Emil G., assignor.)
Radio Corporation of America. (See Williams, Gurdon H., assignor.)
Radio Corporation of America. (See Witts, Alfred T., assignor.)
Radio Corporation of America. (See Wolff, Irving, assignor.)
Radio Corporation of America. (See Wright, George M., assignor.)
Radio Corporation of America. (See Yolles, Jacob, assignor.)
Radio Corporation of America. (See Young, Arthur J., assignor.)
Radio Corporation of America. (See Young, Charles J., assignor.)
Radio Corporation of America. (See Young, Lloyd L., assignor.)
Radio Corporation of America. (See Zetka, Joseph B., assignor.)
Radio Corporation of America. (See Zimmerman, Arthur G., assignor.)
Radio Corporation of America. (See Zottu, Paul D., assignor.)
Radio Corporation of America. (See Zworykin, Vladimir K., assignor.)
Radio Corporation of America. (See Zworykin, V. K., and Malter, assignors.)
Radio Corporation of America. (See Zworykin, V. K., and Ogloblinsky, assignors.)
Radio Inventions, Inc. (See Gould, Leslie A., assignor.)
Radio Inventions, Inc. (See Hogan, J. V. L., and Miller, assignors.)
Radio Inventions, Inc. (See Miller, Horace G., assignor.)
Radio Inventions, Inc., (See Talmey, Paul, assignor.)
Radio Keith Orpheum Corporation. (See Cunningham, H. G., and Hanberry, assignors.)
Radio Patents Corporation. (See Geffcken, H., and Richter, assignors.)
Radio Patents Corporation. (See Guanella, Gustav, assignor.)
Radio Patents Corporation. (See Hollmann, Hans E., assignor.)
Radio Patents Corporation. (See Plebanski, Jozef, assignor.)
Radio-Vision Corporation of America. (See Hoyt, Karl R., assignor.)
Radiowerk E. Schrack A. G. (See Pavelka, Friedrich, assignor.)
Radiowerk E. Schrack Aktiengesellschaft. (See Pavelka, Friedrich, assignor.)
Radtke, Bruno, assignor to Exhibit Supply Company, Chicago, Ill. Switch Mechanism. 2,169,287; Aug. 15.
Radtke, Bruno, assignor to The Exhibit Supply Company, Chicago, Ill. Game apparatus. 2,184,866; Dec. 26.
Radtke, Max, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Production of gases. 2,175,613; Oct. 10.
Raduner & Co., A. G. (See Bener, Christian, assignor.)
Rae, John. (See Moise, B. C., and Rae.)
Raedle, Theodor, New York, N. Y. Pipe joint. 2,180,720; Nov. 21.
Raesler, John L., assignor of one-half to C. J. Bills, Auburn, N. Y. Speed and power governor. 2,174,062; Sept. 26.
Raeuber, Helmus E., Milwaukee, assignor of one-fourth to E. H. Simpson, West Allis, and one-fourth to O. R. Brandenburg, Milwaukee, Wis. Furniture. 2,145,201; Jan. 24.
Rafael, Fritz, Frankfort-on-the-Main, Germany, assignor to J. Bloch, London, England. Sliding clasp fastener. 2,157,084; May 2.
Rafanelli, Cesare. (See Ferrari, A., Scalione, and Rafanelli.)
Rafferty, John, and T. Cowperthwaite, Detroit, Mich. Animal trap. 2,160,986; June 6.
Raffetto, Estral J., Salinas, Calif. Conveyer table. 2,150,610; Mar. 14.
Raffles, Frank, Chicago, Ill. Heating element. Re. 21,070; May 2.
Raffold Process Corporation. (See Plumstead, Joseph E., assignor.)
Ragan, Thomas M., Tulsa, Okla. Automobile steering wheel. 2,168,961; Aug. 8.
Ragatz, Edward G. (See Aldridge, B. G., and Ragatz.)
Ragatz, Edward G., assignor to Union Oil Company of California, Los Angeles, Calif. Vacuum steam distillation of heavy oils. 2,158,425; May 16.
Ragland, Chester A., Jr. (See Ragland, Chester A., Sr., C. A., Jr., and G. G.)
Ragland, Chester A., Sr., C. A., Jr., and G. G., Louisburg, N. C.; said C. A. Ragland, Sr., assignor to said C. A. and G. G. Ragland. Earth working apparatus. 2,171,098; Aug. 29.
Ragland, George G. (See Ragland, Chester A., Sr., C. A., Jr., and G. G.)
Rago, Vincent, Chicago, Ill. Tailors chalk sharpener with replaceable blade. 2,151,869; Mar. 28.
Ragsdale, Earl J. W., Norristown, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle body. 2,165,576; July 11.
Ragsdale, Earl J. W., Norristown, and W. G. Tilsher, assignors to Edward G. Budd Manufacturing Co., Philadelphia, Pa. Removable paneling. 2,150,130; Mar. 7.
Ragsdale, Earl J. W., Norristown, Pa., C. B. Conwell, Los Angeles, Calif., and T. G. Jordan, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Deck house. 2,152,605; Mar. 28.
Ragsdale, Earl J. W., Norristown, and J. F. Clary, Bala-Cynwyd, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Sleeping car. 2,156,229; Apr. 25.
Ragsdale, Earl J. W., Norristown, and A. G. Dean, Narberth, assignors to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Beam-type housing structure. 2,171,434; Aug. 29.
Rahe, Samuel E., Springfield Gardens, assignor to Berst-Forster–Dixfield Co., New York, N. Y. Match book machine. 2,183,029; Dec. 12.
Rahmberg, Martin, et al., executors and administrators. (See Rahmberg, Sven.)
Rahmberg, Sven, deceased, Wallvik, Sweden; A. Bostrom and M. Rahmberg, executors and administrators. Method of and apparatus for cleaning wood chips and the like. 2,143,497; Jan. 10.
Rahr, William, assignor to Carlier & Rahr, Inc., Manitowoc, Wis. Toaster. 2,147,457; Feb. 14.
Raible, Charles Greif, Shaker Heights, assignor, by mesne assignments, to The Sentry Stop-A-Draft Co., Cleveland, Ohio. Door sealing device. 2,167,776; Aug. 1.
Raible, Charles G., Shaker Heights, assignor, by mesne assignments, to The Sentry Stop-A-Draft Co., Cleveland, Ohio. Draft eliminator. 2,171,070; Aug. 29.
Raiche, Paul A., North Providence, R. I. Manufacture of rubber caps. 2,164,885; July 4.
Raigorodsky, Paul M., assignor to Petroleum Engineering, Inc., Tulsa, Okla. Absorption process. 2,168,683; Aug. 8.
Railey, Aubrey L., Burlingame, Calif. Highway safety guard. 2,173,594; Sept. 19.
Railroad Accessories Corporation. (See Deems, Edward M., assignor.)
Railroad Accessories Corporation. (See Hull, Samuel P., assignor.)
Railroad Accessories Corporation. (See Hull, S. P., and Corcoran, assignors.)
Railroad Accessories Corporation. (See Lavarack, F. C., and Schlesinger, assignors.)
Railroad Research Bureau of the Manufacturing Companies of the United States Steel Corporation, The. (See Hammerstrom, Karl R., assignor.)
Rails Company, The. (See Ditmore, George W., assignor.)
Rails Company, The. (See Febrey, Harold H., assignor.)
Rails Company, The. (See Gailor, Chester F., assignor.)
Rails Company, The. (See Packer, Eben R., assignor.)
Railway and Industrial Engineering Company. (See de Bellis, Aldo M., assignor.)
Railway and Industrial Engineering Company. (See Kirk, Ralph L., assignor.)
Railway & Industrial Engineering Company. (See Koppitz, Carl G., assignor.)
Railway and Industrial Engineering Company. (See Melzer, Jacob M., assignor.)
Railway Service & Supply Corporation. (See Dwyer, W. L., and Healey, assignors.)
Railway Service & Supply Corporation. (See Pearce, Edwin S., assignor.)
Railway Track Joint Corporation. (See Neal, Ernest C., assignor.)

Railway Utility Company. (See Hartwig, William G., assignor.)
Raimond, Albert. (See Ribe, Leon, assignor.)
Rainbow Plastics Corporation. (See Hyde, Arthur L., assignor.)
Rainbow Rubber Company. (See Keiser, C. R., and Rike, assignors.)
Raine, Warren A. (See Wagner, C. R., and Raine.)
Rainer, William C., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Container and making same. 2,175,972; Oct. 10.
Raines, Eugene, Memphis, Tenn., assignor to B. Cohen and D. Bronstein, both of Atlanta, Ga. Coaster brake repair device. 2,163,497; June 20.
Rainess, Charles, South Euclid, Ohio. Fastener. 2,142,287; Jan. 3.
Rainey, Clifton K., assignor of one-fourth to J. F. Baker and one-fourth to F. Andrews, Knoxville, Tenn. Combined typewriting and accounting machine. 2,183,920; Dec. 19.
Rainey, Herbert A., Richmond, Va. Elevator safety door lock. 2,182,036; Dec. 5.
Rainey, Paul M., Martinsville, assignor to Combination Selector Company, Glen Ridge, N. J. Addressing and listing machine. 2,153,642; Apr. 11.
Rainsford, Thomas F., Cleveland, Ohio, assignor, by mesne assignments, to Brotherhood of Locomotive Engineers Building Association. Automatic variable speed power transmission mechanism. 2,174,835; Oct. 3.
Rain Topper Corporation. (See Timmons, George and C. M., assignors.)
Rainville, Omer J., South Attleboro, Mass., assignor to E. Z. I. Needle Co., Providence, R. I. Self-threading needle. 2,178,607; Nov. 7.
Rainwater, Jesse M., assignor of one-fourth to H. H. Bell, Sr., Augusta, Ga. Desk with sliding book support. 2,182,703; Dec. 5.
Rais, Josef, Prague, assignor to the firm Limited Company, formerly the Skoda Works, Pilsen, Prague, Czechoslovakia. Packing ring for sealing the pistons and piston rods. 2,153,025; Apr. 4.
Raisch, William, assignor to Underpinning & Foundation Co., Inc., New York, N. Y. Incineration. 2,144,507; Jan. 17.
Raisler, John, Beach, N. Dak. Ashtray. 2,166,021; July 11.
Raizen, Charles S., New Rochelle, N. Y., and M. Weisinger, North Bergen, N. J., assignors to Transogram Company, Inc., New York, N. Y. Game. 2,177,078; Oct. 24.
Raiziss, George W., and L. W. Clemence, Philadelphia, Pa., assignors to Abbott Laboratories, North Chicago, Ill. Tertiary amyl ortho-cresol. 2,157,014; May 2.
Rajah Company, The. (See Bell, Robert A., assignor.)
Rakowsky, Victor, Joplin, Mo., R. W. Arms, Evanston, Ill., and C. B. Hebbard, Mascot, Tenn., assignors to Minerals Beneficiation, Incorporated. Separating fragmentary materials. 2,176,189; Oct. 17.
Rall, Carl A., assignor to Bodine Electric Company, Chicago, Ill. Multispeed motor. 2,174,758; Oct. 3.
Rall, Harry T. (See Smith, H. M., Grandone, and Rall.)
Rall, Ottmar, Zurich, Switzerland. Film-winding and film-storing means for coiled films. 2,171,991; Sept. 5.
Rallis, Constantine M., et al. (See Spartalis, Michael P., assignor.)
Ralston, Anderson W., assignor to Armour and Company, Chicago, Ill. Polycarboxylic acid and preparing the same. 2,162,971; June 20.
Ralston, Anderson W., assignor to Armour and Company, Chicago, Ill. Thioamides and preparing the same. 2,168,847; Aug. 8.
Ralston, Anderson W., assignor to Armour and Company, Chicago, Ill. Extreme pressure lubricant. 2,168,848; Aug. 8.
Ralston, Anderson W., assignor to Armour and Company, Chicago, Ill. Polymerized nitriles and preparing the same. 2,175,092; Oct. 3.
Ralston, Anderson W., and R. J. Vander Wal, assignors to Armour and Company, Chicago, Ill. Preparing higher fatty aldehydes. 2,145,801; Jan. 31.
Ralston, Anderson W., and W. O. Pool, assignors to Armour and Company, Chicago, Ill. Separating nitrile-hydrocarbon mixtures by means of carboxylic acids. 2,145,802; Jan. 31.
Ralston, Anderson W., and W. O. Pool, assignors to Armour and Company, Chicago, Ill. Separating nitrile-hydrocarbon mixtures by means of amines. 2,145,803; Jan. 31.
Ralston, Anderson W., and W. O. Pool, assignors to Armour and Company, Chicago, Ill. Separating nitrile-hydrocarbon mixtures by means of phenols. 2,145,804; Jan. 31.
Ralston, Anderson W., and W. O. Pool, assignors to Armour and Company, Chicago, Ill. Flotation agents and concentrating ores therewith. 2,149,546; Mar. 7.
Ralston, Anderson W., and W. M. Selby, assignors to Armour and Company, Chicago, Ill. Diester of unsaturated glycols and preparing the same. 2,157,144; May 9.
Ralston, Anderson W., and C. W. Christensen, assignors to Armour and Company, Chicago, Ill. Cyclic substituted dichlorinated aliphatic hydrocarbons and preparing the same. 2,162,970; June 20.
Ralston, Anderson W., and W. M. Selby, assignors to Armour and Company, Chicago, Ill. Preparing nitrogen-containing compounds. 2,164,284; June 27.
Ralston, Anderson W., and W. O. Pool, assignors to Armour and Company, Chicago, Ill. Concentraing ores. 2,168,849; Aug. 8.
Ralston, Anderson W., and W. O. Pool, assignors to Armour and Company, Chicago, Ill. Concentrating ores by froth flotation. 2,175,093; Oct. 3.
Ralston, Anderson W., and R. J. Vander Wal, assignors to Armour and Company, Chicago, Ill. Aliphatic polyamines and making them. 2,178,522; Oct. 31.
Ralston, Anderson W., and W. M. Selby, assignors to Armour and Company, Chicago, Ill. Compositions from rubber and fatty acids and preparing the same. 2,182,180; Dec. 5.
Ralston, Frank M. (See Bagley, R. N., and Ralston.)
Ralston, Harry J., San Francisco, Calif. Jail door operating and locking system. 2,146,552; Feb. 7.
Ralston, Hurley D., and P. J. Gilbert, Oak Park, assignors to Sears, Roebuck and Co., Chicago, Ill. Multiple-leaf catalogue or file. 2,162,972; June 20.
Ralston Purina Company. (See Noxon, E. W., and Garrison, assignors.)
Ram, John H., Jersey City, N. J. Reel holder. 2,147,351; Feb. 14.
Ramage, John H., Bloomfield, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lamp manufacture. 2,183,972; Dec. 19.
Ramberg, Edward G., Merchantville, N. J., assignor to Radio Corporation of America. Electron multipiler. 2,147,173; Feb. 14.
Rambold, Adolf, Dresden-Laubegast, Germany. Apparatus for perforating bands of cellulose foil, metal foil, and the like. 2,143,209; Jan. 10.
Rambusch Decorating Company. (See Rambusch, E., and Anderson, assignors.)
Rambusch, Edward, Brooklyn, and V. G. Anderson, New Rochelle, assignors to Rambusch Decorating Company, New York, N. Y. Illuminating device. 2,179,161; Nov. 7.
Ramel, Herbert M., and O. M. Storey, assignors to Ramsey Accessories Manufacturing Corporation, St. Louis, Mo. Package. 2,151,486; Mar. 21.
Ramey, Blaine B., Townson, Md., assignor to The Black & Decker Mfg. Company. Pad for sanders and the like. 2,172,407; Sept. 12.
Ramognino, Maria (late Pavesi), administratrix. (See Pavesi, Ugo, assignor.)
Ramsaur, Walter R., assignor to Young Radiator Company, Racine, Wis. Turbulence strip for radiator tubes. 2,161,887; June 13.
Ramsaur, Walter R., assignor to Young Radiator Company, Racine, Wis. Brazing and welding tubes. 2,177,995; Oct. 31.
Ramsay, Erskine, Birmingham, Ala. Automatic swivel coupler. 2,142,411; Jan. 3.
Ramsay, Erskine, Birmingham, Ala. Mine car. 2,142,412; Jan. 3.
Ramsay, Erskine, Birmingham, Ala. Rolling car dump. 2,179,100; Nov. 7.
Ramsay, Frank R. F., assignor to D. Napier & Son Limited, London, England. Electrical ignition apparatus for internal combustion engines. 2,173,766; Sept. 19.
Ramsay, William A., Honolulu, Hawaii. Fluid dispensing device. 2,159,490; May 23.
Ramsdell, Robert A., Syosset, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Making seamless tubing. 2,171,764; Sept. 5.
Ramser, Hans. (See Koenenmann, E., and Ramser.)
Ramser, Hans. (See Terres, E., Moos and Ramser.)
Ramser, Hans. (See Terres, E., Saegebarth, Moos, and Ramser.)
Ramsey Accessories Manufacturing Corporation. (See Marien, Charles A., assignor.)
Ramsey Accessories Manufacturing Corporation. (See Ramel, H. M., and Storey, assignors.)
Ramsey, Allan. (See McMahon, G. F., and Ramsey.)
Ramsey, Allan. (See Triplett, H. A., and Ramsey.)
Ramsey, Allan, Evanston, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Cut-out. 2,144,707; Jan. 24.
Ramsey, Allan, Evanston, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Mounting for fuses. 2,147,316; Feb. 14.
Ramsey, Clarence S. (See Daniel, A. P., and Ramsey.)
Ramsey, Jesse A., Wenonah, N. J. Piston valve. 2,158,591; May 16.
Ramsey, Jesse A., Wenonah, N. J., and W. O'Neal, Drexel Hill, assignors of one-half to J. G. Pew, Media, and R. L. Burke, Swarthmore, Pa. Life saving light. 2,151,938; Mar. 28.
Ramsey, Joseph H., Albany, N. Y. Capping bottles or the like and machine for effecting the same. 2,162,745; June 20.
Ramsey, Roy L., Charleston, S. C. Vise. 2,174,947; Oct. 3.
Ramstrum, Eric, Philadelphia, Pa., assignor to American Car and Foundry Motors Company, New York, N. Y. Double-deck vehicle. 2,173,727; Sept. 19.
Ranco Incorporated. (See Marvin, J. T., and Raney, assignors.)
Ranco Incorporated. (See Raney, Estel C., assignor.)
Ranco Incorporated. (See Raney, E. C., and Hoover, assignors.)
Ranco Incorporated. (See Raney, E. D., and Schmieding, assignors.)

Rand, Benjamin G., Glendale, Calif., assignor to Remington Rand Inc., Buffalo, N. Y. Card index. 2,149,547; Mar. 7.
Rand, Benjamin G., Glendale, Calif., assignor to Remington Rand Inc., Buffalo, N. Y. Card index. 2,152,606; Mar. 28.
Rand, Benjamin G., Glendale, Calif., assignor to Remington Rand Inc., Buffalo, N. Y. Museum and display case. 2,174,180; Sept. 26.
Rand, Benjamin G., Long Beach, Calif., assignor to Remington Rand Inc., Buffalo, N. Y. Overtravel drawer support. 2,174,181; Sept. 26.
Rand, Delbert L. (See Houck, Martin, assignor.)
Rand, James H., Jr., Stamford, Conn. Movable guard for dry shavers. 2,170,215; Aug. 22.
Rand, James H., Jr., Stamford, Conn., assignor, by mesne assignments, to Remington Rand Inc., New York, N. Y. Multiple shaving implement. 2,142,084; Jan. 3.
Rand, James H., Jr., Stamford, Conn., assignor, by mesne assignments, to Remington Rand, Inc., New York, N. Y. Multiple head dry shaver. 2,164,425; July 4.
Rand, James H., Jr., Stamford, and A. M. Ross, Greenwich, Conn., assignors to Remington Rand Inc., Buffalo, N. Y. Mechanical razor. 2,160,987; June 6.
Rand, James H., Jr., Stamford, Conn., and R. E. Benner, Buffalo, assignors, by mesne assignments, to Remington Rand, Inc., New York, N. Y. Cutter bar for dry shavers. 2,164,424; July 4.
Rand, James H., Jr., New York, and C. F. Wolters, assignors to Remington Rand Inc., Buffalo, N. Y. Visible index. 2,178,457; Oct. 31.
Rand McNally & Company. (See Kalinowski, Anthony S., assignor.)
Rand McNally & Company. (See Johnson, William E., assignor.)
Rand, Rufus R., Jr. (See Cooley, R. M., and Rand.)
Randall, Arthur F., Boston, Mass., assignor of one-half to North American Holding Corporation, and one-half to Parshad Holding Corporation, Syracuse, N. Y. Die. 2,185,094; Dec. 26.
Randall, Chester J., Naugatuck, Conn., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Packing strip. 2,144,082; Jan. 17.
Randall, Frank A., and J. D. Cantoni, Napa, Calif. Paper folding and box lidding device. 2,148,037; Feb. 21.
Randall, Gordon E., Schenectady, N. Y., assignor to General Electric Company. Separator. 2,158,863; May 16.
Randall, Harry and W., Chicago, Ill. Towing device for trucks and the like. 2,152,279; Mar. 28.
Randall, Howard D., Cincinnati, Ohio. Closed spiral paper clip. 2,153,724; Apr. 11.
Randall, John F. (See Chapman, E. C., and Randall.)
Randall, John T., Birmingham, England, assignor to General Electric Company. Combination of electric discharge devices with materials excited to luminescence by the discharge through them. 2,174,449; Sept. 26.
Randall, King. (See Rexford, W. E., and Randall.)
Randall, King, and M. Fleishman, Erie, Pa., assignors to Louis Marx & Company, Inc., New York, N. Y. Switch and signal mechanism for tracks and vehicle toys. 2,161,314; June 6.
Randall, Meredith S., assignor to Woodall Industries Incorporated, Detroit, Mich. Automobile roof. 2,147,059; Feb. 14.
Randall, Meredith S., assignor to Woodall Industries Incorporated, Detroit, Mich. Upholstery trim panel. 2,150,458; Mar. 14.
Randall, Meredith S., and G. E. Kasch, assignors to Woodall Industries Incorporated, Detroit, Mich. Laminated moisture resistant insulating panel or the like. 2,147,058; Feb. 14.
Randall, Walter H., and F. C. Harper, Waterville, assignors, by mesne assignments, to The Canal National Bank of Portland, Portland, Maine, trustee. Machine for producing molded fibrous pulp articles. 2,183,869; Dec. 19.
Randall, William. (See Randall, Harry and W.)
Randall, William C., and C. W. Kelly, assignors to Detroit Steel Products Company, Detroit, Mich. Window construction. 2,151,231; Mar. 21.
Randel, Bo F., San Diego, Calif. Steam radiator. 2,150,941; Mar. 21.
Randel, Bo F., San Diego, Calif. Refrigerating apparatus. 2,152,663; Apr. 4.
Randel, Bo F., San Diego, Calif. Apparatus for generating steam. 2,162,746; June 20.
Randel, Bo F., San Diego, Calif. Air conditioning apparatus. 2,172,408; Sept. 12.
Randel, Bo F., San Diego, Calif. Refrigerating apparatus and method. 1,173,136; Sept. 19.
Randell, Ralph B. (See McAuliffe, P. F., and Randell.)
Randol Corporation. (See Randol, Glenn T., assignor.)
Randol, Glenn T., Miami, Fla., assignor to The Randol Corporation, St. Louis, Mo. Control mechanism for change speed transmissions. 2,173,080; Sept. 12.
Randol, Glenn T., Miami, Fla., assignor to The Randol Corporation, St. Louis, Mo. Control mechanism for change speed transmissions. 2,177,746; Oct. 31.
Randol, Glenn T., Cape Girardeau, assignor to The Randol Corporation, St. Louis, Mo. Motor vehicle transmission control. 2,176,941; Oct. 24.
Randolph, Charles P., Oak Park, assignor to Edison General Electric Appliance Company, Incorporated, Chicago, Ill. Electric heater. 2,155,239; Apr. 18.
Randolph, Donald W. (See Waller, D. C., Smith, Randolph, and Helgeby.)
Randolph, Donald W., and R. H. Mitchel, Flint, assignors to General Motors Corporation, Detroit, Mich. Ignition system with stabilizer. 2,164,472; July 4.
Randolph, Fred W., Elgin, assignor to Heco Envelope Co., Chicago, Ill. Remittance envelope. 2,142,374; Jan. 3.
Randolph, Lingan S., Lexington, Va. Apparatus and method for recording railroad speed signal observance. 2,164,473; July 4.
Randolph, Roscoe C., Chico, Calif. Flexible separator screen. 2,158,705; May 16.
Randolph, Spottiswoode W., Baltimore, Md., assignor, by mesne assignments, to Koppers Company. Apparatus for the transportation of molten materials. 2,151,393: Mar. 21.
Raney, Clemma R. (See Lindgren, A. C., and Raney.)
Raney, Clemma R., Riverside, R. D. MacDonald, Western Springs, and S. E. Hilblom, Chicago, Ill., assignors to International Harvester Company. Tractor mower. 2,166,967; July 25.
Raney, Eldon D. (See Marvin, J. T., and Raney.)
Raney, Eldon D., and W. H. F. Schmieding, assignors to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,180,067; Nov. 14.
Raney, Estel C., Columbus, Ohio, assignor to Ranco Incorporated. Electric vulcanizer. 2,154,183; Apr. 11.
Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Refrigerator control switch. 2,166,322; July 18.
Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,166,323; July 18.
Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. 2,170,426; Aug. 22.
Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,174,275; Sept. 26.
Raney, Estel C., Columbus, Ohio, assignor to Ranco Incorporated. Control apparatus. 2,174,276; Sept. 26.
Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,175,762; Oct. 10.
Raney, Estel C., assignor to Ranco Incorporated, Columbus, Ohio. Refrigerator control switch. 2,179,599: Nov. 14.
Raney, Estel C., assignor to Ranco, Incorporated, Columbus, Ohio. Control apparatus. 2,183,973; Dec. 19.
Raney, Estel C., and A. M. Hoover, assignors to Ranco Incorporated, Columbus, Ohio. Control apparatus. 2,164,221; June 27.
Range, John M., Beeville, Tex. Screen. 2,174,836; Oct. 3.
Ranger Engineering Corporation. (See Gregory, Alfred T., assignor.)
Ranger, Richard H., Newark, N. J., assignor to Radio Corporation of America. Photocell amplifier. 2,179,954; Nov. 14.
Ranger Sales Company. (See Hansen, L. A., and Clough, assignors.)
Ranglack, Franz, Essen-on-the-Ruhr, Germany, assignor to The National Cash Register Company, Dayton, Ohio. Cash register, accounting, and the like machine. 2,158,150; May 16.
Rankin, Orie T., Toledo, Ohio, assignor to James R. Kearney Corporation, St. Louis, Mo. Pick-up tongs. 2,155,365; Apr. 18.
Rankin, William K., Lansdowne, Pa., assignor to General Electric Company. Vacuum switch. Re. 21,087; May 16.
Rankin, William K., Landsdowne, Pa., assignor to General Electric Company. Uniting metals. 2,157,918; May 9.
Rankin, William K., Lansdowne, and J. R. Brossman, Yeadon, Pa., assignors to General Electric Company. Protectively coating aluminum or aluminum alloys. 2,161,636; June 6.
Ranko, Leonard A., Bronx, and M. Feldman, New York, N. Y. Carton. 2,166,222; July 18.
Ranney, Francis G. (See Rudman, E. G., and Ranney.)
Ranney, Leo, Morro Bay, Calif. Shaft construction and operation. 2,179,020; Nov. 7.
Ranney, Percival K., Lakewood, Ohio. Coil winding apparatus. 2,159,635; May 23.
Ranney, Roy W., Mendota, Ill. Combined street light and sign structure. 2,156,194; Apr. 25.
Ranney, Willet B., assignor to Wm. Wrigley Jr. Company, Chicago, Ill. Cable conveyer. 2,156,353; May 2.
Ranney, Willet B., assignor to Wm Wrigley Jr. Company, Chicago, Ill. Cable conveying and distributing means. 2,173,952; Sept. 26.
Ransom, Robert D., Mount Vernon, Ohio. Bath mat. 2,169,902; Aug. 15.
Ransom, Willard G., Homewood, Kans. Brake mechanism. 2,157,015; May 2.
Ransome Concrete Machinery Co. (See Faber, John P., assignor.)
Ranson, Russell, Durham, N. C. Regulator. 2,154,354; Apr. 11.
Ransone, Keating, Houston, Tex. Electrical connection seal. 2,148,392; Feb. 21.
Rantine, Daniel W., Brooklyn, N. Y. Mixing valve. 2,171,992; Sept. 5.
Raolin Corporation, The. (See North, Clayton O.)

Raolin Corporation, The. (See Raynolds, James W., assignor.)
Rapatz, Franz, Buderich-Dusseldorf, assignor to Gebr. Böhler & Co. Aktiengesellschaft Wien, Vienna, Germany. Austenitic addition material for fusion welding. 2,156,306; May 2.
Rapatz, Franz, Buderich-Dusseldorf, assignor to Gebr. Böhler & Co. Aktiengesellschaft Wien, Vienna, Germany. Welding hardenable steels. 2,156,307; May 2.
Rape, Floyd J., Edenburg, Pa., assignor to American Cyanamid & Chemical Corporation, New York, N. Y. Package for explosives. 2,184,166; Dec. 19.
Raphael, Abner, Brooklyn, N. Y. Window construction. 2,161,637; June 6.
Raphael, Harold J. W., assignor to Raphael Industries Limited, London, England. Memorandum appliance. 2,145,780; Jan. 31.
Raphael Industries Limited. (See Raphael, Harold J. W., assignor.)
Rapids Equipment Co. Inc. (See Ribble, Harry W., assignor.)
Rapp, A. E. (See Priest, John H., assignor.)
Rapp, Bernhard, and F. K. Russow, Darmstadt, Germany, assignors to Merck & Co., Inc., Rahway, N. J. Tablet. 2,163,629; June 27.
Rapp, Charles, Brooklyn, N. Y. Universal head. 2,180,214; Nov. 14.
Rapp, Charles F., Churubusco, Ind. Bull restraining halter. 2,163,855; June 27.
Rapp, Earl J. (See Heft, K. G., and Rapp.)
Rapp, Howard, and R. E. Ablott, Santa Ana, assignors to H. B. Rapp, Santa Ana, and T. C. Rapp, Los Angeles, Calif; S. Rapp, executrix of said T. C. Rapp, deceased. Disk harrow. Re. 20,967; Jan. 3.
Rapp, Nicolaus, Annaberg, Erzgebirge, Germany, assignor to General Electric Company. Enclosed fuse. 2,143,031; Jan. 10.
Rapp, Sally, executrix. (See Rapp, H. B., and Ablott.)
Rapp, Truman C., et al. (See Rapp, H. B., and Ablott, assignors.)
Rapuano, Anthony D., New Haven, assignor to Bridgeport Thermostat Company, Inc., Bridgeport, Conn. Vapor condenser and making the same. 2,152,280; Mar. 28.
Rare Chemicals, Inc. (See Dirscherl, Wilhelm, assignor.)
Rare Chemicals Inc. (See Dirscherl, W., and Hanusch, assignors.)
Rare Chemicals, Inc. (See Dirscherl, W., and Kraus, assignors.)
Rare Chemicals, Inc. (See Tisza, Edmond T., assignor.)
Rare Metal Products Company. (See Wilson, N. R., and Lang, assignors.)
Rarey, George H., U. S. Army, Camp Holabird, Md. Gun mount. 2,143,900; Jan. 17.
Raridon, Don. (See Thompson, Theodore F., assignor.)
Rasch, Henry N., Milwaukee, Wis. Dough cutting machine. 2,183,693; Dec. 19.
Raschdowitz, Adolf, assignor to the firm Elektrische Gluhlampenfabriken Joh. Kremenezky A. G., Vienna, Austria. Device for measuring and testing electric resistances. 2,172,034; Sept. 5.
Rascher & Betzold, Inc. (See Betzold, Max F., assignor.)
Rascher & Betzold, Inc. (See Betzold, M. F., Rascher, and Torp, assignors.)
Rascher, Charles. (See Betzold, M. F., Rascher, and Torp.)
Raschig, F., G. m. b. H. (See Prahl, Walter, assignor.)
Raschka, Frank J., Minneapolis, Minn. Wheel support. 2,163,469; June 20.
Raschke, Kurt. (See Morsbach, K., and Raschke.)
Raskie, Joseph V. (See Meyer, J. L. G., and Raskie.)
Raskin, Walter, New York, N. Y. Embossed tube evaporator plate for refrigerating systems. 2,156,544; May 2.
Rasmussen, Alvin C., assignor to Insley Manufacturing Corporation, Indianapolis, Ind. Tractor-trailer dumping vehicle. 2,165,507; July 11.
Rasmussen, Alvin C., assignor to Insley Manufacturing Corporation, Indianapolis, Ind. Hoist and feed hopper. 2,168,495; Aug. 8.
Rasmussen, C. T. (See Tuft, M. H., and Rasmussen.)
Rasmussen, Charles, assignor of one-half to J. Oster, Racine, Wis. Saw machine. 2,174,837; Oct. 3.
Rasmussen, Charles, assignor of one-half to J. Oster, Racine, Wis. Saw machine. 2,175,763; Oct. 10.
Rasmussen, Christian A., Colonial Heights, Ohio. Push button operated master switch. 2,144,665; Jan. 24.
Rasmussen, Edward L., near Seattle, Wash. Weeder. 2,180,429; Nov. 21.
Rasmussen, Ernest J., Wauwatosa, Wis., assignor to General Electric Company. Control system. 2,165,111; July 4.
Rasmussen, Frank H., assignor to Magill-Weinsheimer Company, Chicago, Ill. Display apparatus. 2,147,317; Feb. 14.
Rasmussen, Olaf, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Master cylinder for hydraulic brakes. 2,152,499; Mar. 28.
Rasmussen, Olaf, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Brake lining material glass fabric. 2,158,337; May 16.
Rasmussen, Olaf, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Hydraulic brake. 2,175,445; Oct. 10.
Rasmussen, Olaf, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Master cylinder. 2,182,237; Dec. 5.
Rasmussen, Olaf, Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Making brake drums. 2,182,238; Dec. 5.
Rasmussen, Olaf, and G. K. Hause, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Brake. 2,154,074; Apr. 11.
Rasmussen, Olaf, and R. C. Rike, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Slack adjuster. 2,175,446; Oct. 10.
Rasmussen, Peter, Denver, Colo. Flour dusting machine. 2,152,500; Mar. 28.
Rasmussen, Svend A., Silkeborg, Denmark. Safety fence for highways. 2,149,548; Mar. 7.
Rasor, Jesse B., Sherman, Tex. Attachment for pneumatic conveyers. 2,148,501; Feb. 28.
Rasor, John P. (See Connell, G. A., and Rasor.)
Rassow, Horst, Berlin-Friedenau, assignor to Siemens & Halske, Aktiengesellschaft, Berlin-Siemensstadt, Germany. System for remotely switching in and out the driving motor of telegraph apparatus. 2,176,312; Oct. 17.
Rassow, Horst, Berlin-Friedenau, and W. Skawran, Berlin-Spandau, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Printing telegraph apparatus. 2,154,528; Apr. 18.
Rastetter, William C., Fort Wayne, Ind. Folding table. 2,145,734; Jan. 31.
Ratay, John P., Newark, N. J. Flexible tube. 2,176,109; Oct. 17.
Ratcliffe, John T., Frinton-on-Sea, England. Tipping load-carrying platform. 2,169,661; Aug. 15.
Räth, Curt, assignor to Chemische Fabrik von Heyden A. G., Radebeul, near Dresden, Germany. Method and apparatus for reducing the pressure of high pressure systems. 2,177,265; Oct. 24.
Rath, Karl, New York, N. Y., assignor, by mesne assignments, to Radio Corporation of America. Discharge tube amplifier. 2,149,361; Mar. 7.
Rathemacher, August, Navesink, N. J. Bottle holder and protector. 2,154,772; Apr. 18.
Rathgeber, Eric F., Farmingdale, N. Y. Cord fastening device. 2,142,952; Jan. 3.
Rathke, Harry C. (See Carr, J. B., and Rathke.)
Rathwell, Albert J., North Bay, Ontario, Canada. Smoke-controlled sprinkler. 2,152,973; Apr. 4.
Ratigan, James P., Los Angeles, Calif. Cable end link. 2,165,413; July 11.
Ratigan, James P., Los Angeles, Calif. Rod line weight. 2,184,874; Dec. 26.
Ratley, Harold M. (See Mitchell, A. S., and Ratley.)
Ratner, Abraham, East Orange, and M. E. Anderson, Newark, N. J. Skylight construction. 2,160,901; June 6.
Ratner, Richard, New York, N. Y. Frangible tableware. 2,178,274; Oct. 31.
Ratowski, Thomas A., Chicago Heights, Ill., assignor to The American Brake Shoe and Foundry Company. Excavating implement tooth. 2,159,104; May 23.
Rattan Manufacturing Company, The. (See Dann, Paul N., assignor.)
Ratti, Roger. (See Müller, M., and Ratti.)
Rattigan, Patrick, Westbury, N. Y. Construction elevator. 2,149,629; Mar. 7.
Rattray, George, Mineola, assignor to Fairchild Aerial Camera Corp., New York, N. Y. Apparatus for recording and reproducing sound records. 2,174,167; Sept. 26.
Rattray, George, Mineola, assignor to Fairchild Aerial Camera Corp., New York, N. Y. Driving means for phonographs. 2,174,168; Sept. 26.
Rau, Frederick G., Baltimore, Md. Lubricant demonstrator. 2,175,638; Oct. 10.
Rau, Harry A., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Counting mechanism. 2,144,708; Jan. 24.
Rau, Henry V., Amityville, assignor to Edwin B. Stimpson Company, Brooklyn, N. Y. Clamp grommet. 2,143,087; Jan. 10.
Rau, Henry V., Amityville, assignor to Edwin B. Stimpson Company, Brooklyn, N. Y. Snap fastener. 2,170,216; Aug. 22.
Rau, Richard C., Jamaica Plain, Mass. Rotary windshield wiper. 2,181,066; Nov. 21.
Raub, Ernst, Schwabisch Gmund, Germany, assignor to Edwin F. M. Speidel, Providence, R. I. Preparing metal surface for plating. 2,162,789; June 20.
Rauba, Stephen J., Linden, N. J. Soldering iron holder. 2,172,682; Sept. 12.
Rauch, Curt, Chemitz, Germany. Photographic camera. 2,148,963; Feb. 28.
Rauch, George C., Salinas, Calif. Combination material mixer and mold. 2,157,217; May 9.
Rauch, Louis J. and P., Brooklyn, N. Y. Hose clamp. 2,150,986; Mar. 21.
Rauch, Philip. (See Rauch, Louis J. and P.)
Rauen, John B., Los Angeles, Calif. Center road-dividing guard. 2,163,809; June 27.
Rauh, Frederic H., South Orange, N. J. Collar button. 2,152,326; Mar. 28.
Rauhaus, Arthur, Kittanning, Pa. Billfold. 2,158,913; May 16.

Rauhut, Paul, Berlin-Karlshorst, assignor to Julius Pintsch Kommanditgesellschaft, Berlin, Germany. Potential-regulating apparatus. 2,146,914; Feb. 14.
Rauhut, Paul, Berlin-Karlshorst, assignor to Julius Pintsch Kommanditgesellschaft, Berlin, Germany. Alternating current commutator machine. 2,152,327; Mar. 28.
Raulerson, Hardy H., Long Beach, Calif. Wind motor. 2,170,911; Aug. 29.
Raulerson, Hardy H., Long Beach, Calif. Deep well pump. 2,174,805; Oct. 3.
Rausch, August. (See Arndt, F., Rausch, and Staffel.)
Rauscher, Raymond, Elmira, assignor to Remington Rand Inc., Buffalo, N. Y. Typewriting and like machine. 2,148,877; Feb. 28.
Rausher, Arthur L., Chicago, Ill. Game. 2,168,171; Aug. 1.
Ravanelli, Bennett H., Greggton, assignor to Oil Well Supply Company, Dallas, Tex. Pumping pendulum. 2,158,679; May 16.
Ravanelli, Bennett H., Greggton, assignor to Oil Well Supply Company, Dallas, Tex. Apparatus for disconnecting pumping apparatus from a beam. 2,171,192; Aug. 29.
Raven, Philip H., Goshen, Calif. Trailer. 2,151,870; Mar. 28.
Raven, Reginald F., Beeston, and H. A. Raynor, Wollaton Park, Nottingham, England. Take-down mechanism. 2,174,948; Oct. 3.
Raven, Reginald F., Beeston, and H. A. Raynor, Wollaton Park, Nottingham, England. Knitting machine and method. 2,174,949; Oct. 3.
Rawling, Francis G., Piedmont, W. Va., assignor to West Virginia Pulp & Paper Company, New York, N. Y. Bleaching pulp. 2,147,618; Feb. 14.
Rawling, Francis G., Piedmont, W. Va., assignor, by mesne assignments, to West Virginia Pulp & Paper Company, New York, N. Y. Manufacture of calcium sulphite filled paper. 2,154,995; Apr. 18.
Rawling, Francis G., Piedmont, W. Va., assignor to West Virginia Pulp & Paper Company, New York, N. Y. Manufacture of calcium sulphite filled paper. 2,154,996; Apr. 18.
Rawling, Ralph E. (See Ginns, A., and Rawling.)
Rawlings, John J., assignor to The Rawlplug Company Limited, London, England. Wall plug. 2,150,080; Mar. 7.
Rawlings, John J., assignor to The Rawlplug Company Limited, London, England. Manufacturing wall and like plugs. 2,150,845; Mar. 14.
Rawlings, John J., London, assignor to The Rawlplug Company Limited, South Kensington, London, England. Wall and like plug. 2,154,355; Apr. 11.
Rawlings, John J., assignor to The Rawlplug Company Limited, London, England. Percussion drill. 2,183,466; Dec. 12.
Rawlins, Herbert L., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Drop–out open cut-out fuse. 2,183,083; Dec. 12.
Rawlplug Company Limited, The. (See Rawlings, John J., assignor.)
Rawnsley, William, Avalon, N. J. Trailer hitch. 2,179,955; Nov. 14.
Rawson, Emanuel, Chicago, Ill., assignor to The Superheater Company, New York, N. Y. Valve for feed water. heaters. 2,157,774; May 9.
Raxll, George, Toledo, Ohio. Automatic cutting tool. 2,146,686; Feb. 7.
Ray, Chalmer W., Detroit, Mich. Smoking pipe cleaning device. 2,171,314; Aug. 29.
Ray, Don. (See Berch, S. H., Ray and Chase.)
Ray, Don, Hollywood, assignor to Arden Farms, Inc., Los Angeles, Calif. Package. 2,163,060; June 20.
Ray, Frank T. (See Ritter, Isaac B., assignor.)
Ray, Harry S., Los Angeles, Calif. Advertising device. 2,163,763; June 27.
Ray, Hugh P. (See Newton, E. E., and Ray.)
Ray, James G., Hatboro, H. F. Pitcairn, Bryn Athyn, and A. E. Larsen, Huntingdon Valley, Pa., assignors, by mesne assignments, to Autogiro Company of America. Autorotative-winged aircraft. 2,174,946; Oct. 3.
Ray, Joseph B. (See Bean, A. C., and Ray.)
Ray, Joseph L., New York, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Cord controller for electric flatirons. 2,144,272; Jan. 17.
Ray, Joseph J., Nashville, Tenn. Educational device. 2,157,058; May 2.
Ray, Loyd W. (See Ingram, E. W., and Ray.)
Ray, William, Chicago, Ill. Drill fixture. 2,166,692; July 18.
Ray, William A., San Francisco, Calif., assignor to General Controls Company. Limit control. 2,143,210; Jan. 10.
Ray, William A., San Francisco, Calif., assignor to General Controls Company. Limit control. 2,143,211; Jan. 10.
Ray, William A., Glendale, Calif. Control circuit. 2,158,706; May 16.
Ray, William A., San Francisco, Calif., assignor to General Controls Company. Thermostat. 2,173,083; Sept. 12.
Ray, William W., Albuquerque, N. Mex. Presser foot. 2,184,604; Dec. 26.
Raybestos-Manhattan Company. (See Novak, Izador J., assignor.)
Raybestos-Manhattan, Inc. (See Allwood, Albert, assignor.)
Raybestos-Manhattan, Inc. (See Anderson, Carl, assignor.)
Raybestos-Manhattan, Inc. (See Burns, Charles H., assignor.)
Raybestos-Manhattan, Inc. (See Cady, Pierre A., assignor.)
Raybestos-Manhattan, Inc. (See Groendyk, James G., assignor.)
Raybestos-Manhattan, Inc. (See Judd, Morton F., assignor.)
Raybestos-Manhattan, Inc. (See Pope, George E., assignor.)
Raybestos-Manhattan, Inc. (See Robinson, Thomas, assignor.)
Raybestos-Manhattan, Inc. (See Wales, Earl A., assignor.)
Raybestos-Manhattan, Inc. (See Whitelaw, Albert, assignor.)
Raybould Coupling Company. (See Raybould, Frank J., assignor.)
Raybould, Frank J., Erie, assignor to Raybould Coupling Company, Meadville, Pa. Coupling. 2,148,038; Feb. 21.
Raybould, Frank J., Erie, assignor to Raybould Coupling Company, Meadville, Pa. Coupling. 2,163,810; June 27.
Rayburn, George B., Los Angeles, Calif. Fish lure. 2,150,846; Mar. 14.
Rayburn, George B., Los Angeles, Calif. Fish lure. 2,173,540; Sept. 19.
Raylite Trading Company. (See Berwick, Jay W., assignor.)
Rayment, Lyndon C., Oakland, Calif. Recording system. 2,159,533; May 23.
Raymond Bag Company, The. (See Hockman, Roger E., assignor.)
Raymond, Charles A., Marion, Ohio. Manufacturing food product. 2,160,902; June 6.
Raymond Concrete Pile Company. (See Kinneman, William P.)
Raymond Concrete Pile Company. (See Upson, Maxwell M., assignor.)
Raymond, Edward F., assignor, by mesne assignments, to J. A. Kammerdiner, Los Angeles, Calif. Adjusting device for jars. 2,144,810; Jan. 24.
Raymond, Frank E., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Padlock. 2,163,311; June 20.
Raymond, George E., Madelia, Minn. Gate. 2,144,896; Jan. 24.
Raymond, George G., and W. C. House, Greene, N. Y., assignors to Lyon Iron Works. Pallet. 2,178,646; Nov. 7.
Raymond, George G., and W. C. House, Greene, N. Y., assignors to Lyon Iron Works. Lift truck. 2,178,647; Nov. 7.
Raymond, Gwynne, Oklahoma City, Okla. Valve. 2,146,092; Feb. 7.
Raymond, Gwynne, Oklahoma City, Okla. Chemical feeder and sampler. 2,154,529; Apr. 18.
Raymond, Gwynne, Oklahoma City, Okla. Spray extractor. 2,157,305; May 9.
Raymond, Gwynne, Oklahoma City, Okla. Metering apparatus. 2,158,381; May 16.
Raymond, Gwynne, Oklahoma City, Okla. Apparatus for treating liquids. 2,167,160; July 25.
Raymond, Gwynne, Oklahoma City, Okla., and W. W. Mason, Kansas City, Mo. Chemical feeding apparatus and automatic control therefor. 2,163,436; June 20.
Raymond, Gwynne, and L. E. Young, assignors to Black, Sivalls & Bryson, Inc., Oklahoma City, Okla. Wood tank construction. 2,147,952; Feb. 21.
Raymond, Henry, Birmingham, Ala. Automatic strip counter. 2,174,480; Sept. 26.
Raymond, Herbert E., St. Albans, Vt. Container. 2,144,273; Jan. 17.
Raymond, Horace H., Berlin, assignor to The Stanley Works, New Britain, Conn. Handle. 2,142,953; Jan. 3.
Raymond, Horace H., Berlin, assignor to The Stanley Works, New Britain, Conn. Spring catch. 2,143,575; Jan. 10.
Raymond, Horace H., Berlin, assignor to Eagle Lock Company, Terryville, Conn. Lock. 2,177,996; Oct. 31.
Raymond, John E., Hamilton, Ontario, Canada. Rotary engine. 2,173,663; Sept. 19.
Raymond, Thomas E., Zanesville, Ohio. Electric output socket. 2,179,197; Nov. 7.
Raymond, Thomas E., Zanesville, Ohio. Hinge. 2,182,546; Dec. 5.
Rayner, John W. R., Norton-on-Tees, England, assignor to Imperial Chemical Industries Limited. Manufacture of ammonium sulphate. 2,178,082; Oct. 31.
Rayner, Thomas R., Wallasey, G. A. Burns, Broadgreen, Liverpool, and H. S. Woodhead, Woolton, Liverpool, England, assignors to Associated Telephone & Telegraph Company, Chicago, Ill. Electrical signaling system. 2,176,720; Oct. 17.
Raynolds, James A., Jr., Elmhurst, assignor to The Atlantic Coast Fisheries Company, New York, N. Y. Apparatus for making tablets. 2,157,570; May 9.

Raynolds, James A., Jr., Elmhurst, assignor to The Atlantic Coast Fisheries Company, New York, N. Y. Producing molded products. 2,170,520; Aug. 22.
Raynolds, James W., Nitro, assignor to The Raolin Corporation Charleston, W. Va. Processed rubber chloride and processing. 2,148,831; Feb. 28.
Raynolds, James W., Nitro, assignor to The Raolin Corporation, Charleston, W. Va. Manufacture of improved rubber chloride and like compositions. 2,148,832; Feb. 28.
Raynolds, James W., Nitro, assignor to The Raolin Corporation, Charleston, W. Va. Manufacture of solvated rubber chloride compositions and the like. 2,148,833; Feb. 28.
Raynor, Harry A. (See Raven, R. F., and Raynor.)
Raynsford, Arthur. (See Keckler, C. W., and Raynsford.)
Rayolite Rifle Range Company. (See Falkenberg, William P., assignor.)
Rayolite Rifle Range Company. (See French, Reginald D., assignor.)
Rayolite Rifle Range Company. (See McClellan, Fred C., assignor.)
Ray-O-Vac Company. (See Anthony, Herman R. C., assignor.)
Raytheon Manufacturing Company. (See Crout, Prescott D., assignor.)
Raytheon Manufacturing Company. (See Dellenbaugh, Frederick S., Jr., assignor.)
Raytheon Manufacturing Company. (See Overbeck, Wilcox P., assignor.)
Raytheon Manufacturing Company. (See Smith, Charles G., assignor.)
Raytheon Production Corporation. (See Washburn, Henry M., assignor.)
Raze, Douglas D., Robbinsdale, Minn. Power and steering mechanism. 2,171,294; Aug. 29.
Razek, Joseph. (See Bazzoni, C. B., and Razek.)
Rea, Delbert J., Detroit, Mich. Concealed elongating hinge. 2,182,704; Dec. 5.
Rea, John W. (See Bird, B. M., Thomas, and Rea.)
Rea, Philip M. (See Cailloux, J. F., and Rea.)
Rea, Philip M., Oklahoma City, Okla. Cathead. 2,175,094; Oct. 3.
Rea, Wilton T., Flushing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,184,979; Dec. 26.
Reach, Milton B., Springfield, Mass. Water bottle. 2,168,239; Aug. 1.
Reach, Milton B., Springfield, Mass. Athletic game ball. 2,175,128; Oct. 3.
Reach, Milton B., Springfield, Mass. Play or game ball. 2,182,052; Dec. 5.
Reach, Milton B., Springfield, Mass. Play or game ball. 2,182,053; Dec. 5.
Read, Chester L., Westfield, N. J., assignor to Standard Oil Development Company. Solvent extraction of lubricating oils. 2,148,710; Feb. 28.
Read, Chester L., Westfield, and T. J. Broidrick, Orange, N. J., assignors to Standard Oil Development Company and Bayway Engineering Company. Regeneration of spent doctor. 2,146,027; Feb. 7.
Read, David Y., New York, N. Y., assignor of one-fourth to J. P. Grandy and one-fourth to H. H. Snelling, Washington, D. C. Typewriting machine. 2,179,021; Nov. 7.
Read, Everett C., assignor to The Filer & Stowell Co., Milwaukee, Wis. Governor. 2,174,391; Sept. 26.
Read, Harry A. S., Jr., Albion, N. Y. Method and apparatus for packing fruit. 2,156,434; May 2.
Read, Joseph F., Davenport, Iowa, assignor to Eclipse Aviation Corporation, East Orange, N. J. Aircraft control. 2,173,767; Sept. 19.
Read Machinery Company. (See Jackson P., and Cady.)
Read Machinery Company. (See Spangler, J. I., Eades, and Purdy, assignors.)
Read, Robert C., New York, N. Y. Holder for paper matches. 2,162,921; June 20.
Read, Roland R., Kirkwood, Mo., assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Alkyl guaiacols. 2,178,608; Nov. 7.
Read, Sidney, Jr., Haddonfield, N. J., assignor to Radio Corporation of America. Indicator. 2,179,101; Nov. 7.
Reade, Frank, Klamath Falls, Oreg. Liquid dispensing dispenser. 2,181,521; Nov. 28.
Reade, Ralph W. B., Winnetka, assignor to United States Gypsum Company, Chicago, Ill. Forming thick butt shingles. 2,160,787; May 30.
Reader, Roman G., Chicago, Ill. Double sash lock. 2,167,960; Aug. 1.
Ready, William A., Brookline, Mass., assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va. Making a shovel. 2,176,436; Oct. 17.
Reagan, Lawrence E. (See Wilder, F. A., and Reagan.)
Reagan, Leon S., assignor to Webster Engineering Company, Tulsa, Okla. Motor modulator. 2,157,245; May 9.
Reagan, Maurice E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburg, Pa. Carrier relaying system with latched receiver. Re. 21,104; May 30.
Reagan, Maurice E., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Carrier relaying system with latched receiver. 2,144,508; Jan. 17.
Real Estate-Land Title and Trust Company, The. (See Brown, Francis H., assignor.)
Realistic Permanent Wave Machine Company, The. (See Steinbach, Hans B., assignor.)
Ream, Fred H., Montgomery County, near Dayton, Ohio. Mechanical stoker. 2,143,743; Jan. 10.
Ream, John L., Axtell, Kans., assignor to J. N. Ream, Logan, Utah. Adjustable horse collar. 2,173,442; Sept. 19.
Ream, John N. (See Ream, John L., assignor.)
Reamer, Benton N., Jersey City, N. J. Display sign. 2,146,986; Feb. 14.
Reamer, Benton N., Jersey City, N. J. Display sign. 2,183,942; Dec. 19.
Reaney, Ernest, Stratford, Conn., assignor to The O. K. Tool Company, Inc., New York, N. Y. Triangle cutter lock. 2,149,229; Feb. 28.
Reaney, Ernest, Stratford, Conn., assignor to The O. K. Tool Company, Inc., New York, N. Y. Compensating blade clamp. 2,149,230; Feb. 28.
Reaney, Ernest, Stratford, Conn., assignor to The O. K. Tool Company, Inc., New York, N. Y. Shankless bit holder and clamp. 2,150,561; Mar. 14.
Reaney, Ernest, Bridgeport, Conn., assignor to The O. K. Tool Company, Inc., New York, N. Y. Adjustable shankless bit and holder therefor. 2,181,151; Nov. 28.
Rear, James C., Berkeley, assignor to The Union Ice Company, San Francisco, Calif. Refrigerator. 2,146,850; Feb. 14.
Reardon Company, The. (See Reardon, Joseph V., assignor.)
Reardon, Edward J., assignor to Locomotive Firebox Company, Chicago, Ill. Thermic siphon. 2,151,441; Mar. 21.
Reardon, Eugene J., East Haven, Conn., assignor to The American Steel and Wire Company of New Jersey. Wire rope. 2,181,341; Nov. 28.
Reardon, Joseph V., assignor to The Reardon Company, St. Louis, Mo. Casein solution. 2,174,094; Sept. 26.
Reardon, Robert E., Camden, N. J. Play gun. 2,145,277; Jan. 31.
Reardon, Robert E., Camden, N. J. Collar decapper. 2,183,588; Dec. 19.
Reardon, William F., West Hartford, Conn. Surgical device. 2,182,390; Dec. 5.
Rearic, Norman F., Ellwood City, Pa., assignor to National Tube Company. Tag holder. 2,153,273; Apr. 4.
Rearick, Edward C., Cranford, assignor to Western Electric Company, Incorporated, New York, N. Y. Making electrical condenser. 2,161,888; June 13.
Reaume, Lawrence W., assignor to River Raisin Paper Company, Monroe, Mich. Carton. 2,162,119; June 13.
Reavill, Frederick, Beeston, England. Spring door lock. 2,162,031; June 13.
Reavis, Winfred E., Los Angeles, Calif., assignor to Picture Cover Bindings, Inc., Brooklyn, N. Y. Apparatus for making book covers. 2,150,104; Mar. 7.
Rebhan, Joseph, and R. Elsner, Nuremberg, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Testing electric machines. 2,162,539; June 13.
Rechel, Ernest R. (See Dunham, J. V., and Rechel.)
Rechnitzer, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Filter network for radio receivers. 2,161,315; June 6.
Rechnitzer, Rudolf, Budapest, Hungary, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Variable electric filter. 2,167,462; July 25.
Rechtschaffen, Louis, New York, N. Y. Folded shirt and band holder therefor to eliminate pins. 2,166,642; July 18.
Recker, Adolph C., Watertown, assignor to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Drain fitting and production thereof. 2,167,372; July 25.
Recknagel, Alfred. (See Henneberg, W., and Recknagel.)
Recomatic S.-A. (See Monney, Louis, assignor.)
Reconstruction Finance Corporation. (See Barge, Raymond H., assignor.)
Reconstruction Finance Corporation. (See Constantine, Arthur R., assignor.)
Reconstruction Finance Corporation. (See Foster, Roy W., assignor.)
Reconstruction Finance Corporation. (See Gretler, Otto, assignor.)
Reconstruction Finance Corporation. (See Hillberg, Bror, assignor.)
Reconstruction Finance Corporation. (See Hillis, David R., assignor.)
Reconstruction Finance Corporation. (See Hul, Matthew R., assignor.)
Reconstruction Finance Corporation. (See Johnson, P. C., and De Smet, assignors.)
Reconstruction Finance Corporation. (See Kennedy, Joseph E., assignor.)
Reconstruction Finance Corporation. (See Kenney, M. W., and Constantine, assignors.)
Reconstruction Finance Corporation. (See Key, Frederick E., assignor.)
Reconstruction Finance Corporation. (See Longshore, J. H., Smalley, and Petty, assignors.)
Reconstruction Finance Corporation. (See Palmer, Granville E., assignor.)
Reconstruction Finance Corporation. (See Rotter, Max, assignor.)
Reconstruction Finance Corporation. (See Schneider, Rudolph H., assignor.)

Reconstruction Finance Corporation. (See Smith, Ed S., jr., assignor.)
Reconstruction Finance Corporation. (See Wilber, Harold E., assignor.)
Record, Dennie W., Atlanta, Ga. Hair waving device. 2,154,637; Apr. 18.
Records, Chester E., Columbus, Ohio. Water well. 2,157,085; May 2.
Rector, Enoch, New York, N. Y. Protective device for poppet valves. 2,165,871; July 11.
Rector, Laurence L., Fort Worth, Tex. Casing head. 2,159,401; May 23.
Rector, Norman K., assignor to Petroleum Engineering, Inc., Tulsa, Okla. Distilling oils. 2,164,593; July 4.
Rector, Ralph H., Inglewood, Calif. Molding press. 2,147,217; Feb. 14.
Rector, Ralph H., Inglewood, Calif. Molding products of acid-resistant composition. 2,162,747; June 20.
Red River Refining Company. (See Schulze, John E., assignor.)
Reda Pump Company. (See Arutunoff, Armais, assignor.)
Redd, Eldon J. (See Smith, Emmett R. and O. L., and Redd.)
Reddick, Frank A., Ranchester, Wyo. Two-way coupling. 2,163,212; June 20.
Reddick, John B. (See Henderson, E., Reddick, and Laulhere.)
Reddish, Warren T., Cincinnati, Ohio, assignor, by mesne assignments, to Emery Industries, Inc. Dry cleaning and apparatus therefor. 2,158,614; May 16.
Redditt, John S. (See Snider, Chester A., assignor.)
Reddler, Arnold. (See Barnsdale, Frederick H., assignor.)
Redeen, William C. (See Ruedt, J. C., and Redeen.)
Redell, William A., and J. M. Wiley, assignors to The Farley Machine Works Co., Arkansas City, Kans. Liner puller. 2,151,616; Mar. 21.
Reder, Charles. (See Gauthey, Louis A., assignor.)
Redfern, Alfred H. (See McCallum, Frank, assignor.)
Redfern, Francis H., Folkestone, England. Arrangement of doors on motor vehicles. 2,152,281; Mar. 28.
Redfern, Hubert, and O. L. Blackburn, Linden, Tex. Device for holding hams or the like. 2,176,149; Oct. 17.
Redfield, Erwin L., Cloquet, Minn., assignor to W. J. Oswald, Chicago, Ill. Rope fastener. 2,151,664; Mar. 21.
Redfield, William C., Cincinnati, Ohio. Massaging couch. 2,175,614; Oct. 10.
Red Head Brand Company. (See Ford, William H., assignor.)
Rediger, Morris E., Elgin, Ill. Latch mechanism. 2,146,379; Feb. 7.
Redinger, Joseph M., Johnston, R. I. Mounting for a grinding wheel. 2,180,550; Nov. 21.
Redington, F. B., Co. (See Malhiot, Clarence J., assignor.)
Redington, F. B., Co. (See Milmoe, Michael J., assignor.)
Redington, F. B., Co. (See Milmoe, M. J., and Malhiot, assignors.)
Redler Conveyor Company. (See Fasmer, John J., assignor.)
Redler Conveyor Company. (See Sinden, Alfred D., assignor.)
Redlon, Osgood M., Bath, Maine. Pipe hanger. 2,158,802; May 16.
Redman, Lawrence V., Caldwell, N. J., assignor, by mesne assignments, to Behr-Manning Corporation, Troy, N. Y. Abrasive implement. 2,176,942; Oct. 24.
Redman, Norman. (See Porter, W. H., and Redman.)
Redmon, Edward L., Orange, N. J. Pressing comb. 2,175,312; Oct. 10.
Redmond, Frederic J. (See Baker, C. I., Mueller, and Redmond.)
Redmond, Harriet L., Needham, assignor to The William Carter Company, Needham Heights, Mass. Garment having closed neck opening. 2,169,164; Aug. 8.
Redmond, Helen E., et al. (See Knapp, Joseph H., assignor.)
Redmond, Max E., Minneapolis, Minn. Card holder. 2,165,814; July 11.
Redmond, Thomas C., et al. (See Knapp, Joseph H., assignor.)
Redrup, Charles B., assignor to The Bristol Tramways & Carriage Company Limited, Bristol, England. Wobble or swash plate engine. 2,182,213; Dec. 5.
Redwine, Ida F., Waltham, Mass. Swimming gear 2,168,945; Aug. 8.
Redwine, Lowell E. (See Varney, F. M., and Redwine.)
Reece Button Hole Equipment Company, The. (See Avis, Samuel W., assignor.)
Reece Button Hole Machine Company, The. (See Avis, Samuel W., assignor.)
Reece Button Hole Machine Company, The. (See Kenny, Michael J., assignor.)
Reece, Franklin A., Brookline, Mass. Button sewing machine. 2,158,199; May 16.
Reece, Franklin A., Brookline, Mass. Button sewing machine. 2,158,200; May 16.
Reece, Harry A., South St. Joseph, Mo., assignor to Industrial Patents Corporation, Chicago, Ill. Tongue protector. 2,168,716; Aug. 8.
Reed, Arthur W. (See Bryant, Will H., assignor.)
Reed & Barton. (See Rivard, Charles A., assignor.)
Reed, Carl. (See Stahl, J., Reed, and Fischer.)
Reed, Carl S. (See Brinckerhoff, J. E., Kohler, Reed, and Smith.)
Reed, Carl S., New York, V. W. Smith, Flushing, N. Y., J. E. Brinckerhoff, Orange, N. J., and A. M. Kohler; said Reed and said Smith assignors to The Lummus Company, New York, N. Y., and said Brinckerhoff and said Kohler assignors to The Babcock & Wilcox Company, Newark, N. J. Panel wall construction. 2,144,597; Jan. 17.
Reed, Carl S., New York, and V. W. Smith, Flushing, assignors to The Lummus Company, New York, N. Y. Direct fired oil heater. 2,147,609; Feb. 14.
Reed, Clair S. (See Sherman, J. D., Reed, and Currie.)
Reed, Clair S., assignor to Reynolds Spring Company, Jackson, Mich. Structural member for seat construction and the like. 2,147,611; Feb. 14.
Reed, Clair S., assignor to Reynolds Spring Company, Jackson, Mich. Seat structure. 2,169,197; Aug. 8.
Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Roller cutter organization for earth boring drills. 2,177,331; Oct. 24.
Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Roller cutter organization for earth boring drills. 2,177,332; Oct. 24.
Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Roller cutter and spindle assembly for earth boring drills. 2,177,333; Oct. 24.
Reed, Clarence E., Wichita, Kans., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Cross roller earth boring drill. 2,177,334; Oct. 24.
Reed, Cortes F., Anoka, assignor of one-half to C. L. Horn, Minneapolis, Minn. Treatment of hydrocarbons with sulphur dioxide and chlorine. Re. 20,968; Jan. 3.
Reed, Cortes F., Anoka, assignor of one-half to C. L. Horn, Minneapolis, Minn. Detergent and making same. 2,174,110; Sept. 26.
Reed, Cortes F., Anoka, assignor of one-half to C. L. Horn, Minneapolis, Minn. Reacting aromatic hydrocarbons. 2,174,111; Sept. 26.
Reed, Cortes F., Anoka, assignor to C. L. Horn, Minneapolis, Minn. Preparation of alkane sulphonyl chlorides. 2,174,492; Sept. 26.
Reed, Daniel E., Brooklyn, assignor to Reed Safety Signal System, Inc., New York, N. Y. Automobile signal device. 2,179,022; Nov. 7.
Reed, Delbert F., et al. (See Stalkfleet, Harry A., assignor.)
Reed, Dempson H., Houston, Tex. Inside pipe cutter. 2,180,693; Nov. 21.
Reed, Eo. (See Asbury, R. E., and Reed.)
Reed, Eo. (See Fay, J. E., and Reed.)
Reed, Eo, Zanesville, assignor to The American Rolling Mill Company, Middletown, Ohio. Welding and rolling mechanism. 2,175,616; Oct. 10.
Reed, Eo, and K. F. Wietzel, Zanesville, assignors to The American Rolling Mill Company, Middletown, Ohio. Means and method for welding silicon steel sheet stock. 2,175,615; Oct. 10.
Reed, Forrest C., Kansas City Mo. Producing carbon black. 2,163,630; June 27.
Reed, Forrest C., Kansas City, Mo. Producing carbon black and carbon monoxide-hydrogen gas mixtures. 2,173,695; Sept. 19.
Reed, Frank S., Cincinnati, Ohio. Flush tank valve. 2,175,973; Oct. 10.
Reed, Harlow A., Oakdale, Calif. Motor tuning indicator. 2,162,120; June 13.
Reed, Harold V. (See Nutt, H., and Reed.)
Reed, Harold V., assignor to Borg-Warner Corporation, Chicago, Ill. Friction clutch. 2,164,544; July 4.
Reed, Howard L., Houston, Tex., assignor of eleven and one-third percent to Fohs Oil Company. Mining process. 2,172,683; Sept. 12.
Reed, Ira F., Johnstown, Pa. Building construction. 2,166,371; July 18.
Reed, James B., Sacramento, Calif. Life preserver. 2,177,442; Oct. 24.
Reed, John M., Los Angeles, Calif. Electrical switch plate. 2,179,198; Nov. 7.
Reed, John M., Los Angeles, Calif. Electrical switch plate. 2,179,199; Nov. 7.
Reed, Kenneth W., East Cleveland, and H. A. Maurer, Novelty, assignors to The Oster Manufacturing Company, Cleveland, Ohio. Chaser. 2,150,037; Mar. 7.
Reed, Paul N., assignor, by mesne assignments, of one-half to said P. N. Reed and one-half to P. B. Pursell, Kansas City, Mo. Gas burner. 2,153,938; Apr. 11.
Reed-Prentice Corporation. (See Bird, Edward S., assignor.)
Reed & Prince Manufacturing Company. (See Werme, Adolph, assignor.)
Reed, Robert M., Hinsdale, Ill., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,184,433; Dec. 26.
Reed, Robert W., Chicago, Ill. Theftproof milk bottle cabinet. 2,166,729; July 18.
Reed, Roland K., Bronxville, N. Y. Treating paper containers. 2,158,524; May 16.
Reed Roller Bit Company. (See Carleton, Michael D., assignor.)
Reed Roller Bit Company. (See Gignoux, Frank C., assignor.)

Reed Roller Bit Company. (See Harrington, George G., assignor.)
Reed Roller Bit Company. (See Hoffoss, John E., assignor.)
Reed Roller Bit Company. (See Mackenzie, D., and Hoffoss, assignors.)
Reed Roller Bit Company. (See Noble, Wiley B., assignor.)
Reed Roller Bit Company. (See Stancliff, Thomas H., assignor.)
Reed, Russell. (See Bracken, F., and Reed.)
Reed Safety Signal System, Inc. (See Reed, Daniel E., assignor.)
Reed, Tiffin W., assignor of one-half to E. H. Harrison, Fort Worth, Tex. Coupling. 2,183,895; Dec. 19.
Reed, Verner Z., Jr., Newport, R. I. Ski binding. 2,176,226; Oct. 17.
Reed, Walter C., North Hollywood, Calif. Vacuum cleaner. 2,154,773; Apr. 18.
Reed, Walter C., North Hollywood, Calif. Vacuum cleaner. 2,180,694; Nov. 21.
Reed, William E., Pittsburgh, Pa. Method of and apparatus for controlling electrical circuits. 2,146,652; Feb. 7.
Reed, William H., et al. (See Sonnhalter, Edward P., assignor.)
Reeder, Edward C., Montgomery, Ala. Automatic gathering machine. 2,172,519; Sept. 12.
Reeder, Nathaniel S., New York, N. Y., assignor to Pressed Steel Car Company, Pittsburgh, Pa. Car construction. 2,154,137; Apr. 11.
Reedy, Emmett M., Los Angeles, Calif., assignor to Mueller Co., Decatur, Ill. Waste and overflow fitting. 2,178,493; Oct. 31.
Reedy, James A., White Hall, Md. Wind propelled turbine motor. 2,169,165; Aug. 8.
Reenstierna, Gustaf L., Union City, assignor of one-third to F. Zamorski, Jersey City, one-third to J. A. O'Donnell, and one-third to A. E. Pennie, Union City, N. J. Vehicle automatic signal. 2,168,684; Aug. 8.
Reer, Christian F. (See Marion, H. G., and Reer.)
Reerink, Engbert H., and M. J. Druyvesteyn, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Rectifier tube. 2,170,034; Aug. 22.
Reerink, Engbert H. (See Boer, A. G., van Niekerk, Reerink and van Wijk.)
Rees, Charles P., Yonkers, N. Y., H. E. Dunn, Crafton, and A. A. Sproul, assignors to Vanadium Corporation of America, Bridgeville, Pa. Dry concentration of carnotite ores. 2,175,484; Oct. 10.
Rees, Cyril L. (See Paul, D. W. F. D., Rees, and Lush.)
Rees, Douglas P. (See Straatman, A. G. H., and Rees.)
Rees, Frank H., assignor to Continental Oil Company, Ponca City, Okla. Pyrometer well. 2,161,432; June 6.
Rees, Frank X., Albany, assignor to General Railway Signal Company, Rochester, N. Y. Traffic control system for railroads. 2,183,694; Dec. 19.
Rees, Gregory L., La Grange, assignor to Edison General Electric Appliance Company, Chicago, Ill. Cabinet rack. 2,168,172; Aug. 1.
Rees, Harry V., and J. C. D. Oosterhout, Port Arthur, Tex., assignors to The Texas Company, New York, N. Y. Motor fuel. 2,165,651; July 11.
Rees, Thomas J., Reno, Nev. Generating apparatus. 2,172,260; Sept. 5.
Reese, Frank L., Philadelphia, Pa. Twin contact plug. 2,157,919; May 9.
Reese, Rudolf, Berlin, and H. Huttig, Berlin-Pankow, Germany, assignors to General Electric Company. Permanent magnet construction. 2,144,546; Jan. 17.
Reeser, Wilhelm E. (See Kostal, Franz, assignor.)
Reeser, William O., Dayton, Ohio. Hole forming tool. 2,176,943; Oct. 24.
Reeson, Gerard J., et al. (See Maher, James M., assignor.)
Reetz, Carl G., assignor to National Battery Company, St. Paul, Minn. Storage battery. 2,158,988; May 16.
Reeve, Archie C., Hounslow, England. Container and dispensing device for powdered soaps and the like. 2,148,711; Feb. 28.
Reeve, Howard T. (See Kingsbury, E. F., and Reeve.)
Reeves, Arthur E., Los Angeles, Calif. Photographic exposure tester. 2,142,413; Jan. 3.
Reeves, Byron H., Calumet City, Ill., assignor to Winer Manufacturing Co., Hammond, Ind. Garment. 2,170,339; Aug. 22.
Reeves, Charles H., Denver, Colo., and J. W. Warden, El Paso, Tex. Float. 2,153,339; Apr. 4.
Reeves, Donald H., assignor to General Motors Corporation, Dayton, Ohio. Ice tray. Re. 21,226; Oct. 3.
Reeves, Donald H., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,154,356; Apr. 11.
Reeves, Donald H., assignor to General Motors Corporation, Dayton, Ohio. Ice tray. 2,154,357; Apr. 11.
Reeves, Donald H., assignor to General Motors Corporation, Dayton, Ohio. Air conditioning apparatus. 2,154,638; Apr. 18.
Reeves, Edward D. (See Murphree, E. V., and Reeves.)
Reeves, George. (See Lord, G., and Reeves.)
Reeves, Hazard E. (See Franck, E. W., and Reeves.)
Reeves, Paul B., assignor to Reeves Pulley Company, Columbus, Ind. High-ratio variable speed transmission. 2,179,053; Nov. 7.
Reeves Pulley Company. (See Brooks, Harry E., assignor.)
Reeves Pulley Company. (See Clay, Harry C., assignor.)
Reeves Pulley Company. (See Perry, William R., assignor.)
Reeves Pulley Company. (See Reeves, Paul B., assignor.)
Reeves Steel and Manufacturing Company. (See Curtis, Rowland G., assignor.)
Reeves Steel and Manufacturing Company. (See Hunker, Martin L., assignor.)
Refining, Inc. (See Clayton, Benjamin, assignor.)
Refining, Inc. (See Clayton, B., Kerrick, Stadt, and Thurman, assignors.)
Refining, Inc. (See Thurman, Benjamin H., assignor.)
Refinoil Manufacturing Corporation. (See Harris, William D., assignor.)
Reflection Corporation of America. (See Register, Everett L., assignor.)
Reflectone Corporation. (See Simjian, Luther G., assignor.)
Reflector Hardware Corporation. (See Zadek, Milton, assignor.)
Refrigerated Air Conditioning Corporation. (See Whitlock, Kenneth E., assignor.)
Refrigeration Appliances, Inc. (See Swanson, Sven V., assignor.)
Refrigeration Patents Corporation. (See Potter, Thomas I., assignor.)
Refsdal, Anfinn, Lilleaker, near Oslo, Norway. Ski binding. 2,183,171; Dec. 12.
Refsland, Jacob, Brooklyn, N. Y. Equipment pertaining to skis. 2,156,867; May 2.
Regan-Day, Inc. (See Fodor, Ferenz H., assignor.)
Regan Forge & Engineering Company. (See Day, Leon E., assignor.)
Regan, John E., assignor to The Lamson Company, Syracuse, N. Y. Driving mechanism. 2,146,687; Feb. 7.
Regen, O., Manufacturing Company. (See Beaver, John G., assignor.)
Regenburgh, Richard, Sr., Totawa Boro, N. J. Wheeled acrobatic figure toy. 2,158,426; May 16.
Regenhardt, Walter F., Cleveland, Ohio. Cabinet construction. 2,169,769; Aug. 15.
Reger, Martin. (See Jancke, H., and Reger.)
Reger, Martin. Berlin-Charlottenburg, and W. Freitag, Berlin-Treptow, Germany, assignors to General Electric Company. Lamp unit. 2,175,361; Oct. 10.
Regester, Ramsay G., assignor to Gill Glass & Fixture Company, Philadelphia, Pa. Illuminated clock. 2,167,463; July 25.
Reggio, Ferdinando C., Buffalo, N. Y. Power transmission mechanism. 2,165,872; July 11.
Reggio, Ferdinando C., Detroit, Mich. Blower. 2,178,405; Oct. 31.
Register, Everett L., assignor to Reflection Corporation of America, Springfield, Ill. Sign. 2,166,571; July 18.
Regna, Peter P. (See Pasternack, R., and Regna.)
Reher, Frederick W. (See Dempsey, M. J., and Reher.)
Rehg, Hugo F., Wichita, Kans. Arm rest container. 2,160,282; May 30.
Rehm, Charles W. (See Eversole, J. F., and Rehm.)
Rehnberg, Axel F., Rockford, assignor, by mesne assignments, to Borg-Warner Corporation, Chicago, Ill. Roller bearing assembling and lubricating machine. 2,172,145; Sept. 5.
Rehor, Frank C., New York, N. Y. Necktie. 2,179,133; Nov. 7.
Reiber, Albert H. (See Krum, H. L., and Reiber.)
Reiber, Albert H., Evanston, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,146,380; Feb. 7.
Reiber, Albert H., Evanston, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,152,773; Apr. 4.
Reiber, Albert H., Evanston, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,162,790; June 20.
Reiber, Albert H., Evanston, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,181,708; Nov. 28.
Reiber, Harold G., Long Beach, assignor to Union Oil Company of California, Los Angeles, Calif. Purification of naphthenic acids. 2,170,506; Aug. 22.
Reich, Erich, Aue, assignor to Ernst Gessner Aktiengesellschaft, Aue (Saxony), Germany. Ring spinning frame. 2,168,449; Aug. 8.
Reich, Ernest, Budapest, Hungary. Electrical measuring instrument. 2,170,597; Aug. 22.
Reich, Ernö, Budapest, Hungary. Transformer for electrical measuring instruments. 2,148,641; Feb. 28.
Reich, Gustave T., Philadelphia, Pa. Recovery of carbon dioxide. 2,142,917; Jan. 3.
Reich, Gustave T., Philadelphia, Pa. Cooling liquefied gases. 2,145,130; Jan. 24.
Reich, Gustave T., Philadelphia, Pa. Deodorizing of spent sulphuric acid. 2,145,316; Jan. 31.
Reich, Gustave T., Philadelphia, Pa. Recovery of fermentation products and the like. 2,148,579; Feb. 28.
Reich Gustave T., Philadelphia, Pa. Multiple effect distillation of alcoholic liquids and the like. 2,148,712; Feb. 28.
Reich, Gustave T., Philadelphia, Pa. Recovery of carbon dioxide. 2,183,324; Dec. 12.
Reich, Gustave T., Philadelphia, Pa. Device for the recovery of carbon dioxide gas. 2,183,943; Dec. 19.

Reich, Gustave T., assignor to Pennsylvania Sugar Company, Philadelphia, Pa. Manufacture of jellies and the like. 2,185,064; Dec. 26.
Reich, Hans. (See Grassmann, W., and Reich, assignors.)
Reich, Henry H., Somerville, assignor to The Calco Chemical Company, Inc., Bound Brook, N. J. Sodium salt of Lithol red as a dry toner. 2,174,501; Sept. 26.
Reich, Otto, assignor of one-half to J. Vignati, Vienna, Austria. Lighter. 2,153,432; Apr. 4.
Reich, Samuel, Brooklyn, N. Y. Folding box. 2,165,906; July 11.
Reichard, Wade H., assignor to General Railway Signal Company, Rochester, N. Y. Coded train control system for railroads. 2,162,461; June 13.
Reichard, Willis E., Elyria, and R. R. Olin, Akron, Ohio. Rubber composition and process. 2,166,324; July 18
Reichard, Willis E., Elyria, and R. R. Olin, Akron, assignors to The Worthington Ball Company, Elyria, Ohio. Rubber compositions. 2,161,934; June 13.
Reichel & Drews, Inc. (See Booty, Philip C. P. and R. G., assignors.)
Reichel, Frank H., and W. F. Hindry, assignors to Sylvania Industrial Corporation, Fredericksburg Va. Alkali soluble cellulose ethers. 2,172,109; Sept. 5.
Reichel, Frank H., and A. E. Craver, assignors to Sylvania Industrial Corporation, Fredericksburg, Va. Composition and process for producing cellulose structures. 2,175,313; Oct. 10.
Reichel, Frank H., and A. E. Craver, assignors to Sylvania Industrial Corporation, Fredericksburg, Va. Making tubing and product so produced. 2,176,925; Oct. 24.
Reichel, John, Wynnewood, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Lyophilic biologically active substances and producing the same. Re. 20,969; Jan. 3.
Reichel, John, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Gelatinous colloid. 2,166,074; July 11.
Reichel, John, assignor to Sharp & Dohme, Incorporated, Philadelphia, Pa. Preservation of desiccated biologically active substances. 2,176,004; Oct. 10.
Reichel, Wladimir A., Bellerose, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Speed control for gyro rotors. 2,181,250; Nov. 28.
Reichel, Wladimir A., Philadelphia, Pa., and M. F. Ketay, Brooklyn, N. Y., assignors to Bendix Aviation Corporation, South Bend, Ind. Remote multiple indicator. 2,166,610; July 18.
Reichelt, Lester O., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Cable forming apparatus. 2,155,980; Apr. 25.
Reichelt, Lester O., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,171,993; Sept. 5.
Reichenbach, Albert B., assignor to The Waterbury Clock Company, Waterbury, Conn. Alarm clock. 2,147,318; Feb. 14.
Reichenbach, Howard F., assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Cover unit for ash receivers. 2,145,055; Jan. 24.
Reichenbach, Karl, Karlsruhe, Germany. Fountain brush. 2,167,523; July 25.
Reichert, Conrad, assignor to Petty Laboratories, Inc., San Antonio, Tex. Pumping apparatus. 2,180,366; Nov. 21.
Reichert, Ellsworth, Baltimore County, assignor, by mesne assignments, to Liberty Optical Company, Inc., Baltimore, Md. Sunglass attachment for eyeglasses. 2,159,710; May 23.
Reichert, Hans, Berlin, Germany. Street-service structure. 2,146,915; Feb. 14.
Reichert, Joseph, Wiesbaden, Germany. Apparatus for controlling the pressure of the rollers of comminuting apparatus, rolling mills, and the like. 2,143,498; Jan. 10.
Reichert, Joseph, Wiesbaden, Germany. Extracting oil or fat containing substances and the like. 2,158,427; May 16.
Reichert, Joseph S., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of metal percarbonates. 2,167,997; Aug. 1.
Reichert, Joseph S., and H. L. Potter, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preventing the caking of sodium perborate. 2,159,999; May 30.
Reichert, Joseph S., W. S. Hinegardner, and H. L. Potter, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Bleaching process and composition. 2,160,391; May 30.
Reichert, Paul, College Point, N. Y. Automatic draft regulator. 2,174,277; Sept. 26.
Reichert, Theophil, Brilonwald, assignor to the firm of Deutsche Gold- und Silber Scheideanstalt, vormals Roessler, Frankfort-on-the-Main, Germany. Carbonization of organic cellulosic materials of vegetable origin. 2,160,341; May 30.
Reicherter, Georg, Esslingen-on-the-Neckar, Germany. Hardness testing machine. 2,154,823; Apr. 18.
Reichhelm, George L. (See Killmeyer, C. A., and Reichhelm.)
Reichhold Chemicals. (See Hönel, Herbert.)
Reichhold Chemicals. (See Hönel, H., and Zinke.)
Reichhold Chemicals. (See Hovey, A. G., and Hodgins, assignors.)
Reichhold Chemicals. (See Pongratz, Alfred.)
Reichhold Chemicals, Inc. (See Hodgins, Theodore S., assignor.)
Reichhold Chemicals, Inc. (See Hodgins, T. S., and Hovey, assignors.)
Reichhold, Helmuth. (See Honel, Herbert, assignor.)
Reichhold, Helmuth. (See Hönel, H. and Zinke, assignors.)
Reichhold, Helmuth. (See Hovey, A. G., and Hodgins, assignors.)
Reichhold, Helmuth. (See Pongratz, Alfred, assignor.)
Reichle, William J., Cincinnati, Ohio. Heater installation for motor vehicles. 2,143,212; Jan. 10.
Reichle, William J., Cincinnati, Ohio. Refrigerator lid for produce cases. 2,143,213; Jan. 10.
Reichmann, Heinz. (See Seligmann, Hans, assignor.)
Reichstein, Tadeus, Zurich, Switzerland, assignor, by mesne assignments, to Roche-Organon, Inc., Nutley, N. J. Cortical hormones. 2,166,877; July 18.
Reichstein, Tadeus, Zurich, and E. Schlittler, Basel, Switzerland, assignors, by mesne assignments, to the firm Roche-Organon Incorporated, Nutley, N. J. Derivatives of compounds of the suprarenal cortical hormone series and making same. 2,183,589; Dec. 19.
Reid, Albert R., assignor to USL Battery Corporation, Niagara Falls, N. Y. Electric storage battery plate and treating such plate. 2,159,226; May 23.
Reid, Alexander C., assignor to Leich Electric Co., Genoa, Ill. Telephone transmitter. 2,179,102; Nov. 7.
Reid, Alexander C., and H. J. McCreary, assignor to Leich Electric Co., Genoa, Ill. Synchronous motor. 2,157,435; May 9.
Reid, Andrew S., Beverly, Mass. Control valve for hydraulically operated machine tools. 2,172,595; Sept. 12.
Reid, Andrew T., Camellia, near Sydney, New South Wales, assignor to James Hardie & Coy, Pty. Limited, Sydney, Australia. Production of seamless asbestos cement pipes. 2,177,810; Oct. 31.
Reid, Charles L., Schenectady, assignor to American Locomotive Company, New York, N. Y. Locomotive coupler structure. 2,148,580; Feb. 28.
Reid, Charles L., Schenectady, assignor to American Locomotive Company, New York, N. Y. Draft-gear-coupler structure. 2,176,721; Oct. 17.
Reid, Charles S., Philadelphia, Pa., assignor to Container Corporation of America, Chicago, Ill. Carton. 2,153,340; Apr. 4.
Reid, Ebenezer E. (See Lippert, A. L., and Reid.)
Reid, Elmer A., Morrisville, Pa. Humidifier. 2,162,462; June 13.
Reid, Elmer A., Morrisville, Pa. Humidifier. 2,164,083; June 27.
Reid, Elmer A., Morrisville, Pa. Tool for sharpening lawn mowers. 2,170,463; Aug. 22.
Reid, Frederick M., assignor to Fruehauf Trailer Company, Detroit, Mich. Retractable trailer support. 2,150,701; Mar. 14.
Reid, Frederick M., assignor to Fruehauf Trailer Company, Detroit, Mich. Tank vehicle. 2,169,500; Aug. 15.
Reid, Frederick M., assignor to Fruehauf Trailer Company, Detroit, Mich. Tail gate structure. 2,181,342; Nov. 28.
Reid, George C. (See Hothersall, J. M., and Reid.)
Reid, James, New York, N. Y. Plaster base. 2,167,998; Aug. 1.
Reid, James S. (See McKinney, Carlos J., assignor.)
Reid, James S. (See Roberts, D., and Reid.)
Reid, James S., Shaker Heights, Ohio, assignor to Thermo-Plastics, Inc., St. Clair, Mich. Method and apparatus for covering thin wall tubing. 2,160,108; May 30.
Reid, James S., Shaker Heights, Ohio, assignor to Thermo-Plastics, Inc., St. Clair, Mich. Gate for thermoplastic molds. 2,165,762; July 11.
Reid, James S., Shaker Heights, assignor, by mesne assignments, to The Standard Products Company, Cleveland, Ohio. Window guiding and cushioning means. 2,174,530; Oct. 3.
Reid, James S., Shaker Heights, assignor, by mesne assignments, to The Standard Products Company, Port Clinton, Ohio. Apparatus for polishing thermoplastic articles. 2,182,388; Dec. 5.
Reid, James S., Shaker Heights, assignor, by mesne assignments, to The Standard Products Company, Port Clinton, Ohio. Molding thermoplastic articles. 2,182,389; Dec. 5.
Reid, John D., Philadelphia, Pa., assignor to Radio Corporation of America. Oscillator coil system for low frequency bands. 2,145,371; Jan. 31.
Reid, John D., Philadelphia, Pa., assignor to Radio Corporation of America. Frequency changer system for multiple range receivers. 2,149,231; Feb. 28.
Reid, John D., Philadelphia, Pa., assignor to Radio Corporation of America. Multiple wave band receiver. 2,150,562; Mar. 14.
Reid, John D., Philadelphia, Pa., assignor to Radio Corporation of America. Oscillator for multiple wave band receivers. 2,159,105; May 23.
Reid, John D., Philadelphia, and L. R. Kirkwood, Collingswood, N. J., assignors to Radio Corporation of America. Coupling system for multiple wave band circuits. 2,148,039; Feb. 21.
Reid, Marvin J. (See Nadeau, G. F., and Reid.)

Reid, Thomas A., Glendale, Calif., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Synchronized motor. 2,179,350; Nov. 7.
Reid, William C., Chicago, Ill., assignor to Metallizing Engineering Company, Inc., New York, N. Y. Making negatives in metal of metal objects of substantially smooth surface. 2,171,599; Sept. 5.
Reif, Allan F (See Reif, Charles A., and A. F.)
Reif, Charles A., and A. F. Reif, assignors to Reif-Rexoil, Inc., Buffalo, N. Y. Oil burner. 2,163,915; June 27.
Reif-Rexoil, Inc. (See Reif, Charles A., and A. F., assignors.)
Reifer, George M., Rochester, and P. S. Procissi and O. Lundene, Flint, assignors to General Motors Corporation, Detroit, Mich. Freight car loading apparatus. 2,155,872; Apr. 25.
Reifer, George M., Rochester, and G. D. Shanahan, assignors to General Motors Corporation, Detroit, Mich. Freight car loading apparatus. 2,165,652; July 11.
Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil product and making. 2,147,545; Feb. 14.
Reiff, Orland M., Woodbury, N. J., assignor to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil product and making. 2,147,546; Feb. 14.
Reiff, Orland M., and D. E. Badertscher, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Mineral oil composition and making. 2,147,547; Feb. 14.
Reiffenstein, Bruno. (See Friedmann, E., and Reiffenstein.)
Reiffert, Emma L. and E. A., Chicago, Ill. Powder puff. 2,159,227; May 23.
Reiffert, Ernst A. (See Reiffert, Emma L., and E. A.)
Reigh, Clarence J., Altoona, Pa. Electric revolving signal light for railway switches. 2,181,067; Nov. 21.
Reiland, Frank D., Chicago, Ill. Insert for concrete constructions. 2,181,740; Nov. 28.
Reilly, Alfred F., North Attleboro, Mass. Catalytic lighter. 2,170,485; Aug. 22.
Reilly, Alfred F., assignor to Evans Case Company, North Attleboro, Mass. Powder sifter. 2,149,183; Feb. 28.
Reilly, Frank C. (See Jones, J. W., and Reilly.)
Reilly, Frank C., New York, and P. M. Carter, White Plains, N. Y., and D. F. Linsley, Norwalk, Conn., assignors to Vaco Products, Inc. Automotive mechanism. 2,161,088; June 6.
Reilly, John H., assignor to The Dow Chemical Company, Midland, Mich. Polymerizing vinylidene chloride. 2,160,937; June 6.
Reilly, John H., assignor to The Dow Chemical Company, Midland, Mich. Purification of chlorinated aliphatic hydrocarbons. 2,183,046; Dec. 12.
Reilly, John H., and R. M. Wiley, assignors to The Dow Chemical Company, Midland, Mich. Polymeric vinylidene chloride. 2,160,903; June 6.
Reilly, John H., and R. M. Wiley, assignors to The Dow Chemical Company, Midland, Mich. Plastic derivatives of vinylidene chloride. 2,160,904; June 6.
Reilly, John H., and C. R. Russell, assignors to The Dow Chemical Company, Midland, Mich. Polymerizing vinylidene chloride. 2,160,936; June 6.
Reilly, John H., and R. M. Wiley, assignors to The Dow Chemical Company, Midland, Mich. Polymerizing vinylidene halides. 2,160,938; June 6.
Reilly, John L., Claremont, N. H., assignor to Sullivan Machinery Company. Power-transmitting apparatus. 2,168,806; Aug. 8.
Reim, Victor R., et al. (See Rosener, Harold J., assignor.)
Reimel, Samuel R., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Mold for and method of molding rubber articles. 2,147,218; Feb. 14.
Reimschissel, Charles A., Waynesboro, Pa. Tubular joint seal. 2,181,343; Nov. 28.
Reimschissel, Charles A., assignor to Landis Machine Company, Waynesboro, Pa. Chaser for die heads. 2,152,567; Mar. 28.
Reimuller, Caryl L., assignor to B. F. Gump Co., Chicago Ill. Gyratory sifter. 2,145,432; Jan. 31.
Rein, Hanns. (See Eiserhut, O., Rein, and Kaupp.)
Rein, Hanns. (See Eisenhut, O., Rein, and Widmann.)
Rein, Herbert, Leipzig, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Textile assistants. 2,149,709; Mar. 7.
Rein, Herbert, Leipzig, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Treatment of cellulosic material. 2,166,325; July 18.
Rein, Herbert, Leipzig, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Sizing of textile materials. 2,183,226; Dec. 12.
Reinartz, John L., Manchester, Conn., assignor to Radio Corporation of America. Controlled carrier modulation. 2,155,506; Apr. 25.
Reinartz, John L., Manchester, Conn., assignor to Radio Corporation of America. Frequency multiplier. 2,184,945; Dec. 26.
Reinartz, Robert, Offenbach, near Frankfort-on-the-Main, assignor, by mesne assignments, to Faber & Schleicher, A. G., Offenbach-on-the-Main, Germany. Sheet feeding mechanism. 2,160,905; June 6.
Reinartz, Robert, Offenbach, near Frankfort-on-the-Main, assignor, by mesne assignments, to Faber & Schleicher, A. G. Offenbach-on-the-Main, Germany. Sheet feeding and registering device. 2,160,906; June 6.

Reinberg, Gustave. (See Harper, T. E., Jr., and Reinberg.)
Reindorp, John H., assignor to Truecolour Film Limited, London, England. Color photography and cinematography. 2,153,698; Apr. 11.
Reinecke, Rudolf. (See Burkhardt, W., and Reinecke.)
Reinecke, Rudolf, Berlin-Lankwitz, and W. Burkhardt, Berlin-Grunewald, assignors to B. Berghaus, Berlin-Lankwitz, Germany. Apparatus for the production of metallic coatings. 2,157,498; May 9.
Reinecker, J. E., Aktien-Gesellschaft. (See Saupe, Max, assignor.)
Reinecker, J. E., Aktiengesellschaft. (See Stephan, Arthur, assignor.)
Reineke, Lester H., New Haven, Conn., dedicated to the free use of the People of The United States. Holding instrument. 2,160,988; June 6.
Reiner, Herman, New York, N. Y. Portable acetylene generator. 2,166,552; July 18.
Reiner, Laszlo, Mount Vernon, assignor to Burroughs Wellcome & Co. (U. S. A.) Inc., New York, N. Y. Insulin preparation. 2,161,198; June 6.
Reiner, Robert, Incorporated. (See Lambach, Fritz, assignor.)
Reinforced Paper Bottle Corporation. (See Mandell, Irving F., assignor.)
Reingruber, Frank and J., Toronto, Ontario, Canada, assignors to General Thermostat Corporation, New York, N. Y. Switch for electric irons. 2,153,503; Apr. 4.
Reingruber, Josep. (See Reingruber, Frank and J.)
Reinhard, Arthur A., La Crescenta, Calif. Building construction. 2,145,496; Jan. 31.
Reinhardt, Gustav. A., assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Making welded ferrous metal articles. 2,146,315; Feb. 7.
Reinhardt, Gustav A., assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Alloy steel. 2,182,135; Dec. 5.
Reinhardt, Louis W., Brockton, assignor to Belcher Hinge Company, Stoughton, Mass. Last. 2,165,006; July 4.
Reinhardt, Otto K., Jamaica, N. Y., assignor, by mesne assignments, to Western Cartridge Company. Dry cell. 2,158,151; May 16.
Reinhardt, Otto K., New Haven, Conn., assignor, by mesne assignments, to Western Cartridge Company. Flashlight construction. 2,184,531; Dec. 26.
Reinhardt, Robert C., assignor to The Dow Chemical Company, Midland, Mich. Polymerization of vinylidene halides. 2,160,939; June 6.
Reinhardt, Robert C., assignor to The Dow Chemical Company, Midland Mich. Vinylidene chloride co-polymers. 2,160,947; June 6.
Reinhardt, Willard L., Shaker Heights, and L. E. Wells, Cleveland Heights, assignors to Willard Storage Battery Company, Cleveland, Ohio. Microporous diaphragm. 2,161,383; June 6.
Reinhold, Arno, Chagrin Falls, Ohio. Vegetable bag. 2,163,324; June 20.
Reinhold, B. (See Abegg, Walter A., assignor.)
Reinhold, Baldwin. (See Abegg, Walter A., assignor.)
Reinholz, Franz, Frankfort-on-the-Main, Germany. Device for producing vegetable infusion. 2,169,430; Aug. 15.
Reinkens, Bernard C., Pasco, Wash. Ditcher and packer machine. 2,152,212; Mar. 28.
Reinking, George E., Fort Wayne, Ind. Weight demarcating and fractional hour rate indicators for scales. 2,150,245; Mar. 14.
Reinoehl, Harry K., and D. G. Renno, Fort Wayne, Ind. assignors to International Harvester Company. Automotive vehicle. 2,154,011; Apr. 11.
Reinsel, John T. (See Long, John R., assignor.)
Reintjes, George P., Kansas City, Mo. Suspended furnace wall. 2,143,280; Jan. 10.
Reintjes, George P., Kansas City, Mo. Insulating refractory wall. 2,150,459; Mar. 14.
Reinwald, Hans, New York, N. Y. Ham boiler. 2,161,089; June 6.
Reis, Clarence P. (See Laufer, E. W. D. and Reis.)
Reis, Curt F., Chicago, Ill. Magneto-electric machine. 2,152,918; Apr. 4.
Reis, Curt F., Chicago, Ill. Drop-forged rotor. 2,159,820; May 23.
Reis, Leonard W., Jersey City, N. J., assignor of one-half to E. Werner, New Dorp, Staten Island, N. Y. Adjustable lamp socket. 2,149,549; Mar. 7.
Reisdorf, Edward J., Seattle, Wash. Measuring dispenser. 2,154,283; Apr. 11.
Reiser, Ernst, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Self-inductance device. 2,180,850; Nov. 21.
Reiser, Isidore, New York, N. Y. Sliding and swinging window. 2,183,105; Dec. 12.
Reishauer Tool Works, Limited. (See Rickenmann, Alfred, assignor.)
Reisiger, William F., assignor to The Hunter Illuminated Car Sign Co. Inc., Flushing, N. Y. Supporting means for signs. 2,154,250; Apr. 11.
Reisiger, William F., assignor to The Hunter Illuminated Car Sign Co. Inc., Flushing, N. Y. Sign box. 2,154,251; Apr. 11.
Reisinger, George, and J. Farkas, Rochester, N. Y. Liquid dispenser. 2,157,966; May 9.
Reisman, Mildred S. (See Madlé, Alain, assignor.)

Reisner, W. H., Manufacturing Company, The. (See Lehman, R. E., and Roane, assignors.)
Reiter, Bruno, London, England, assignor to Ingenium Aktiengesellschaft, Chur, Switzerland. Method and means for making sliding fasteners. 2,144,638; Jan. 24.
Reiter, Bruno, Finchley, London, England, assignor to Ingenium Aktiengesellschaft, Chur, Switzerland. Manufacturing fastening members for sliding-clasp fasteners. 2,148,581; Feb. 28.
Reiter, Daniel I., New York, N. Y. Suspender loop fastener. 2,147,922; Feb. 21.
Reiter, Daniel I., New York, N. Y. Connector for bag straps and the like. 2,155,801; Apr. 25.
Reiter, Daniel I., New York, N. Y. Slip-cover fastener. 2,158,152; May 16.
Reiter, Daniel I., New York, N. Y. Slide fastener detent. 2,177,119; Oct. 24.
Reiter, Daniel I., New York, N. Y. Making snap fastener sockets. 2,178,918; Nov. 7.
Reitherman, Ralph W., Chicago, assignor to Luminous Tube Control Corporation, Evanston, Ill. Electronic pump. 2,182,751; Dec. 5.
Reithmiller, Ruth, administratrix. (See Kingsley, George A., assignor.)
Reitinger, Max H., Oakland, Calif. Winding guide. 2,146,129; Feb. 7.
Reitz, August P., Houston, assignor, by mesne assignments, to G. Gillis, Harris County, Tex. Steering mechanism. 2,180,430; Nov. 21.
Reitze, Frederick C., et al. (See Flautt, Porter H., assignor.)
Reitzel, James A., Morris, assignor to Morris Paper Mills, Chicago, Ill. Paper-making method. 2,151,357; Mar. 21.
Rejeb, Nouri, et al. (See Kadri, Vassaf, assignor.)
Reliable Electric Company. (See Cook, John B., assignor.)
Reliable Electric Company. (See Fotsch, William G., assignor.)
Reliable Machine Screw Sales Co. (See Robinson, Herbert M., assignor.)
Reliance Die & Stamping Company. (See Nelson, Hugo, assignor.)
Reliance Electric & Engineering Company, The. (See Harrell, F. E., and Dobric, assignors.)
Reliance Gauge Column Company, The. (See Brown, John R., assignor.)
Reliance Steel Products Company. (See Nagin, Harry S., assignor.)
Relihan, John J., Fairfield, Conn. Building construction. 2,177,264; Oct. 24.
Rellinger, Alois J., Toledo, Ohio. Flask. 2,150,589; Mar. 14.
Rembert, Ernest W., Plainfield, N. J., assignor, by mesne assignments, of three-fourths to Tide Water Associated Oil Company. Vapor-phase cracking process and the production of fog. 2,146,553; Feb. 7.
Rembert, Ernest W., Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Hydrous silicate gel and making the same. 2,165,578; July 11.
Rembert, Ernest W., Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Pipe coupling assembly and making the same. 2,180,695; Nov. 21.
Rembert, Ernest W., Plainfield, N. J., and D. Bertogliat, Waukegan, Ill., assignors to Johns-Manville Corporation, New York, N. Y. Making asbestos and cement products. 2,182,353; Dec. 5.
Rembert, Ernest W., Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Decolorizing oils. 2,183,590; Dec. 19.
Remesch, Frank, jr. (See Dorcas, M. J., Supplee, and Remesch, jr.)
Remington, Alfred M., assignor to Simonds Saw and Steel Company, Fitchburg, Mass. Welding and tempering. 2,162,229; June 13.
Remington Arms Company. (See Barnes, C. H., and Loomis, assignors.)
Remington Arms Company. (See Brun, Willi, assignor.)
Remington Arms Company. (See Brün, W., and Burns, assignors.)
Remington Arms Company. (See Loomis, Crawford C., assignor.)
Remington Arms Company. (See Reynolds, Warren S., assignor.)
Remington Arms Company. (See Woodford, Watson H., assignor.)
Remington Rand Inc. (See Alvine, Samuel, assignor.)
Remington Rand Inc. (See Andersen, Niels Y., assignor.)
Remington Rand Inc. (See Anderson, Harry T., assignor.)
Remington Rand Inc. (See Benner, Russell E., assignor.)
Remington Rand Inc. (See Dodge, Elbert S., assignor.)
Remington Rand Inc. (See Dreher, Elmer H., assignor.)
Remington Rand Inc. (See Going, George G., assignor.)
Remington Rand Inc. (See Heinrich, Henry A., assignor.)
Remington Rand Inc. (See Heybourne, Victor C., assignor.)
Remington Rand Inc. (See Jackson, Arthur R., assignor.)
Remington Rand Inc. (See Keefe, Lincoln M., assignor.)
Remington Rand Inc. (See Kelley, Walter F., assignor.)
Remington Rand Inc. (See Kroeger, Gustav H., assignor.)
Remington Rand Inc. (See Lasker, William W., assignor.)
Remington Rand Inc. (See Lasker, W. W., and Kelley, assignors.)
Remington Rand Inc. (See Maschmeyer, August H., assignor.)
Remington Rand Inc. (See Mixer, Harold P., assignor.)
Remington Rand Inc. (See Myers, Edward R., assignor.)
Remington Rand Inc. (See Newland, Jay R., assignor.)
Remington Rand Inc. (See Rand, Benjamin G., assignor.)
Remington Rand Inc. (See Rand, James H., Jr., assignor.)
Remington Rand, Inc. (See Rand, J. H., Jr., and Benner, assignors.)
Remington Rand Inc. (See Rand, J. H., Jr., and Ross, assignors.)
Remington Rand Inc. (See Rand, J. H., Jr., and Wolters, assignors.)
Remington Rand Inc., (See Rauscher, Raymond, assignor.)
Remington Rand Inc. (See Rice, R. E., and Kelley, assignors.)
Remington Rand Inc. (See Rindfleisch, Arthur G., assignor.)
Remington Rand Inc. (See Roggenstein, Edwin, assignor.)
Remington Rand Inc. (See Roggenstein, Edwin O., assignor.)
Remington Rand Inc. (See Seagrave, Louia K., assignor.)
Remington Rand Inc. (See Schmid, Hans, assignor.)
Remington Rand Inc. (See Shafer, Lewis W., assignor.)
Remington Rand Inc. (See Sherman, Charles W., assignor.)
Remington Rand Inc. (See (Stevenson, Milton S., assignor) and Wells.)
Remington Rand, Inc. (See Vickery, Alfred E., assignor.)
Remington Rand Inc. (See Wolters, Carl F., assignor.)
Remler Company. (See Hall, D. R., and Danielson, assignors.)
Remler Company Ltd. (See Danielson, Ernest G., assignor.)
Remmers, Walter E., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Casting metal. 2,143,423; Jan. 10.
Renard, Adolphe H. E. (See Zuckermann, A., and Renard.)
Renatus, Gustav, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, Berlin, Germany. Circuit arrangement for a variable electric resistance. 2,144,509; Jan. 17.
Renault, Louis. (See Saives, Léon, assignor.)
Rench, William S., et al. (See Kowal, Etha D., assignor.)
Renchtite Spring Nut Company. (See Bergstrom, William A., assignor.)
Renck, Carl. (See Renck, Hans H. H. and C.)
Renck, Hans H. H. and C., Hamburg, Germany. Producing planographic printing plates. 2,143,524; Jan. 10.
Renck, Heinrich, Hamburg, Germany. Printer's ink. 2,154,866; Apr. 18.
Rendall, Harold G. (See Jahn, H. W., and Rendall.)
Renette Company. (See Blettner, George H., assignor.)
Renfer, John E., Cleveland Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Water tube for rock drills. 2,164,886; July 4.
Renfrew, Alice G. (See Butler, C. L., Renfrew, and Cretcher.)
Renfro, Thomas L., assignor of one-half to W. H. Nicholson, Taft, Calif. Oil sampler. 2,158,803; May 16.
Renfroe, James D., Waynesboro, Va., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Thread production apparatus. 2,164,426; July 4.
Renftle, Lucas. (See Meeker, W. J., and Renftle.)
Renga, Fernando L., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electrical appliance hinge. 2,167,489; July 25.
Renholdt, John E. (See Norton, L. D., and Renholdt.)
Renholdt, John E., Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y. Sound box for dictating machines. 2,180,094; Nov. 14.
Renholdt, John E., Bridgeport, Conn., assignor to Dictaphone Corporation, New York, N. Y. Record resurfacing machine. 2,181,643; Nov. 28.
Renick, George B. (See Greegor, R. H., and Renick.)
Renik, Andrew, New York, N. Y. Window-cleaning device. 2,167,524; July 25.
Renken, Eno F., Dallas, Tex. Condensing fluids. 2,157,436; May 9.
Renneberg, Edgar, assignor to The Safety Equipment Service Company, Cleveland, Ohio. Connecting or securing means. 2,160,675; May 30.
Rennekamp, Clarence J., Silverton, Ohio, assignor to The Auto-Vehicle Parts Company, Newport, Ky. Upholstery clip. 2,166,553; July 18.
Rennekamp, Clarence J., Silverton, Ohio, assignor to The Auto-Vehicle Parts Company, Newport, Ky. Upholstery clip. 2,174,073; Sept. 26.
Renner, Ernest, Sioux Falls, S. Dak. Swinging gate or the like. 2,181,464; Nov. 28.
Renner, Harold G., Detroit, Mich., assignor to Carter Carburetor Corporation, St. Louis, Mo. Carburetor. 2,158,777; May 16.
Renner, Harold G., Detroit, Mich. Clinch nut and forming same. 2,170,290; Aug. 22.

Renner, Harry R., Pleasant Hill, Ohio. Combined fuel control and break pedal for automobiles. 2,177,305; Oct. 24.
Rennerfelt, Ivar, Djursholm Sweden. Decarbonizing a carbon holding metal, for instance pig iron. 2,170,158; Aug. 22.
Rennerfelt, Ivar, Djursholm, Sweden. Destroying insects and micro-organisms. 2,171,315; Aug. 29.
Rennert, John E. (See Allen, S. E., and Rennert.)
Renno, Donald G. (See Reindoehl, H. K., and Renno.)
Renno, Donald G., Fort Wayne, Ind., assignor to International Harvester Company. Vehicle body. 2,152,568; Mar. 28.
Renshaw, Alfred P. B., Kingston Hill, and P. B. Botcherby, assignors, by mesne assignments, to Automatic Telephone & Electric Company Limited, London, England. Traffic control signal. 2,145,031; Jan. 24.
Renshaw, Alfred P. B., Kingston Hill, assignor by mesne assignments, to Automatic Telephone & Electric Company Limited, London, England. Traffic control system. 2,170,160; Aug. 22.
Renshaw, Alfred P. B., Kingston Hill, assignor, by mesne assignments, to Automatic Telephone & Electric Company Limited, London, England. Control system. 2,180,300; Nov. 14.
Renshaw, David F., Olean, assignor to Socony-Vacuum Oil Company, New York, N. Y. Solvent refining. 2,173,915; Sept. 26.
Renshaw, William B., East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Empty and load brake. 2,155,226; Apr. 18.
Rentchler, Frances A., Mamaroneck, N. Y. Garment hanger. 2,164,941; July 4.
Rentfrow, Lewis W., Sr., Minneapolis, Minn. Convertible booth. 2,144,083; Jan. 17.
Rentschler, Harvey C., and D. E. Henry, East Orange, N. J., assignor, by mesne assignments, to Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa. Photoelectric tube. 2,167,777; Aug. 1.
Rentschler, M. J., et al., trustees. (See Colton, Henry S., assignor.)
Rentschler, Mahlon J., Willoughby, and D. B. Bradner, assignors to The Hamilton Laboratories, Inc., Hamilton, Ohio. Germicidal and antiseptic composition. 2,183,493; Dec. 12.
Rentz, Frank B., Wells, Minn. Air conditioning device. 2,158,707; May 16.
Renz, Frederick, Forest Hills West, N. Y. Sheet feeding and overlapping mechanism. 2,177,460; Oct. 24.
Renz, Jany. (See Stoll, A., and Renz.)
Repasy, Steve, Los Angeles, Calif. Lawn and garden tool. 2,157,346; May 9.
Repasy, Steve, Los Angeles, Calif. Watch and jewelry cleaning machine. 2,184,020; Dec. 19.
Repka, Peter, Alice, Tex. Stroke-increasing device. 2,169,126; Aug. 8.
Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, Toledo, Ohio, as trustee. Tubular element of air-method cleaning systems. 2,142,149; Jan. 3.
Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, Toledo, Ohio, as trustee. Joining fiber tubes. 2,142,150; Jan. 3.
Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company of Toledo, Ohio. Broad sweep electric cleaner. 2,146,763; Feb. 14.
Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, Toledo, Ohio. Friction driven brush. 2,175,639; Oct. 10.
Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, Toledo, Ohio. Air-method electric cleaner and carpet sweeper. 2,175,640; Oct. 10.
Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, Toledo, Ohio. Motor and fan unit. 2,175,641; Oct. 10.
Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, Toledo, Ohio. Pneumatic cleaner. 2,175,642; Oct. 10.
Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, Toledo, Ohio. Duopneumatic handle for air-method cleaners. 2,175,643; Oct. 10.
Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, Toledo, Ohio. Air-method cleaning, sweeping, and floor polishing system. 2,175,644; Oct. 10.
Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, Toledo, Ohio. Air-method cleaner antechamber type. 2,175,645; Oct. 10.
Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, Toledo, Ohio. Floor tool roller. 2,175,646; Oct. 10.
Replogle, Daniel B., Berkeley, Calif., assignor to The Ohio Citizens Trust Company, Toledo, Ohio. Air-method cleaner antechamber type. 2,175,647; Oct. 10.
Replogle, Harry H., Scarsdale, and W. Wade, New York, N. Y., assignors to Sylvania Industrial Corporation, Fredericksburg, Va. Producing candles. 2,143,576; Jan. 10.
Repp, Albert T., Swedesboro, N. J. Treatment of sweet potatoes and yams. 2,174,838; Oct. 3.
Reppe, Walter, E. Keyssner, and F. Nicolai, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing n-vinyl compounds. 2,153,993; Apr. 11.
Reppe, Walter, and F. Nicolai, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of condensation products from hydrogen sulphide and acetylene. 2,156,095; Apr. 25.
Reppe, Walter, and O. Hecht, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of vinyl ethers derived from carbohydrates. 2,157,347; May 9.
Reppe, Walter, and O. Hecht, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of aliphatic vinyl ethers by means of acetylene. 2,157,348; May 9.
Repper, Ludwig, Bremen, Germany. Apparatus for the charging of cigarette making machines. 2,157,801; May 9.
Repper, Ludwig, Bremen, Germany. Apparatus for charging cigarette machines with tobacco. 2,166,022; July 11.
Reppert, Richard V., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,142,375; Jan. 3.
Republic Brass Company, The. (See Nystrom, Gunnar B., assignor.)
Republic Flow Meters Company. (See Cunningham, James D., assignor.)
Republic Flow Meters Company. (See Dunglinson, Burton, assignor.)
Republic Flow Meters Company. (See Engel, Friedrich V. A. E., assignor.)
Republic Flow Meters Company. (See Grisdale, George W., assignor.)
Republic Flow Meters Company. (See Handwerk, Otto T., assignor.)
Republic Flow Meters Company. (See MacDuff, Stanley I., assignor.)
Republic Flow Meters Company. (See Rosenberger, Albert J., assignor.)
Republic Flow Meters Company. (See Spitzglass, Albert F., assignor.)
Republic Flow Meters Company. (See Spitzglass, A. F., and Handwerk, assignors.)
Republic Flow Meters Company. (See Wey, Raymond J., assignor.)
Republic Rubber Company, The. (See Campbell, Hugh S., assignor.)
Republic Steel Corporation. (See Kahn, J., and Schulz, assignors.)
Republic Steel Corporation. (See Lynch, John S., assignor.)
Republic Steel Corporation, The. (See Putnam, George W., assignor.)
Republic Steel Corporation. (See Schaefer, F. R., and Emery, assignors.)
Republic Supply Company. (See Humphrey, George T., assignor.)
Resch, William J., Woodland, assignor to Spreckels Sugar Company, San Francisco, Calif. Taking samples. 2,162,122; June 13.
Rese, John H., assignor to Dispensing Containers, Inc., Beverly Hills, Calif. Receptacle closure. 2,172,452; Sept. 12.
Resinox Corporation. (See Bannister, William J., assignor.)
Research Corporation. (See Buchman, Edwin R., assignor.)
Research Corporation. (See Bush, Vannevar, assignor.)
Research Corporation. (See Bush, V., and Rose, assignors.)
Research Corporation. (See Coey, Stewart C., assignor.)
Research Corporation. (See de Forest, Alfred V., assignor.)
Research Corporation. (See Milas, Nicholas A., assignor.)
Research Corporation. (See Scott, L. N., and Coey, assignors.)
Research Corporation. (See Slagle, Edgar A., assignor.)
Research Corporation. (See Stein, Gustav A.)
Research Corporation. (See Trump, John G., assignor.)
Research Corporation. (See Wintermute, Harry A., assignor.)
Research Corporation. (See Williams, Robert R., assignor.)
Research Products Corporation. (See Daley, Joseph J., assignor.)
Research Products Corporation. (See Shoemaker, Milton J., assignor.)
Resh, Daniel, Charleston, W. Va. Glass cutter. 2,155,802; Apr. 25.
Resilient Products Corporation. (See Stedman, Theodore W., assignor.)
Resinous Products & Chemical Company, The. (See Bruson, H. A., and Eastes, assignors.)
Resinous Products & Chemical Company, The. (See Bruson, H. A., and McCleary, assignors.)
Resinous Products & Chemical Company, The. (See Cheetham, H. C., and Evers, assignors.)
Resinous Products & Chemical Co., The. (See Cserny, Ludwig, assignor.)

Resinous Products & Chemical Company, The. (See Kohn, Siegfried, assignor.)
Resinous Products & Chemical Company, The. (See Ludwig, Oskar R., assignor.)
Resinox Corporation. (See Swallen, Lloyd C., assignor.)
Resistelite Corporation. (See Plensler, Alexander W., assignor.)
Resistoflex Corporation. (See Schnabel, Ernst, assignor.)
Respess, Roland B., Wickford, R. I. Airship. 2,146,851; Feb. 14.
Ressinger, Paul M., Chicago, Ill. Display device. 2,147,716; Feb. 21.
Ressinger, Paul M., Chicago, Ill. Folding packaging re-receptacle. 2,166,265; July 18.
Retailliau, Edmond R. P. E., Wood River, Ill., assignor to Shell Development Company, San Francisco, Calif. Fractionation of sulphonic compounds. 2,158,680; May 16.
"Reterson Holding". (See Ricchiardi, Pier C., assignor.)
Rethel, Walter, assignor to Arado Flugzeugwerke Gesellschaft mit beschrankter Haftung, Brandenburg (Havel), Germany. Ammunition box. 2,157,306; May 9.
Retschy, Curt, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Fuel valve for internal combustion engines. 2,157,571; May 9.
Retschy, Curt, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Piston. 2,159,402; May 23.
Retz, William B. (See Montgomery, D. H., and Retz.)
Reusch, Hans, Pforzheim, Germany. Multiple lead pencil. 2,152,817; Apr. 4.
Reuscher, Benedict R., St. Marys, Pa., and J. M. Bennett, Passaic, N. J.; said Bennett assignor to Hygrade Sylvania Corporation, Salem, Mass. Molded carbon electrode and preparing the same. 2,148,133; Feb. 21.
Reuss, Werner, Dusseldorf-Benrath, and F. H. von und zu Guttenberg, Dusseldorf, assignors to Henkel & Cie G. m. b. H., Dusseldorf-Hoithausen, Germany. Cleaning and bleaching composition. 2,164,146; June 27.
Reuteler, Edward G. (See Brandt, E. J., Reuteler, and Barganz.)
Reuter, René L. E., and O. Huelster, assignors to Scovill Manufacturing Company, Waterbury, Conn. Tube deformer. 2,183,921; Dec. 19.
Reuther, John, East Aurora, N. Y. Potato digger. 2,165,653; July 11.
Revelation Patents Holding Company. (See Stromeyer, Charles F., assignor.)
Revere Copper and Brass Incorporated. (See Bennett, Irving T., assignor.)
Revere Copper and Brass Incorporated. (See Farr, Fred D., assignor.)
Revere Copper and Brass Incorporated. (See Welden, William A., assignor.)
Revere Copper and Brass Incorporated. (See Wilkins, Richard A., assignor.)
Rex, Alfred C., Omaha, Nebr. Mattress. 2,172,409; Sept. 12.
Rex International Corp. (See Howard, Newell L., assignor.)
Rex Manufacturing Company. (See Foster, Harry C., assignor.)
Rex Manufacturing Company. (See Hull, Robert W., assignor.)
Rexair, Inc. (See Brock, Clarence A., assignor.)
Rexford, Willis, Girard, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Overload circuit breaker. 2,144,741; Jan. 24.
Rexford, Willis E., Girard, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Remotely controllable automatic train coupling system. 2,157,187; May 9.
Rexford, Willis E., Girard, and K. Randall, Erie, Pa., assignors to Louis Marx & Company, Inc., New York, N. Y. Track and vehicle toy. 2,171,634; Sept. 5.
Rexford, Willis E., Girard, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Roll-over toy. 2,182,642; Dec. 5.
Rexroth, Robert P., Franklin, Ind. Cap retainer. 2,182,855; Dec. 12.
Reyburn, John R., Fairfield, Conn., assignor to American Chain & Cable Company, Inc., New York, N. Y. Antiskid lug welding machine. 2,148,502; Feb. 28.
Reyburn, John R., Fairfield, Conn., assignor to American Chain & Cable Company, Inc. Antiskid chain making machine. 2,148,503; Feb. 28.
Reyburn, John R., Fairfield, Conn., assignor to American Chain & Cable Company, Inc. Chain fastener. 2,153,002; Apr. 4.
Reyburn, John R., Fairfield, Conn., assignor to American Chain & Cable Company, Inc., New York, N. Y. Calk for tire chains. 2,180,097; Nov. 14.
Reyburn, John R., Fairfield, assignor to American Chain & Cable Company, Inc., Bridgeport, Conn. Making antiskid tire chain links. 2,184,127; Dec. 19.
Reymer & Brothers, Incorporated. (See Arensberg Francis L., assignor.)
Reymer & Brothers, Inc., et al. (See Hartman, Thomas L., assignor.)
Reymer & Brothers, Inc. (See Willatt, Arnold F., assignor.)
Reymers, Charles B., Jackson Heights, N. Y. Display store front. 2,165,727; July 11.
Reynaud, Samuel C., St. Clair Shores, assignor to Detroit Steel Products Company, Detroit, Mich. Window latch. 2,157,016; May 2.
Reynders, Charlton, assignor to International Chromium Process Corporation, New York, N. Y. Furnace. 2,142,762; Jan. 3.
Reynold, Thomas, Palmerston North, Wellington, New Zealand. Vacuum-sealing containers. 2,175,314; Oct. 10.
Reynolds, Arthur T., Brooklyn, N. Y., and W. F. Todé, Radburn-Fairlawn, N. J. Support. 2,168,421; Aug. 8.
Reynolds, Benjamin S., Madison, Wis., assignor to Burgess Battery Company, Chicago, Ill. Sound absorbing construction. 2,146,028; Feb. 7.
Reynolds, Benjamin S., Madison, Wis., assignor to Burgess Battery Company, Chicago, Ill. Ventilating construction. 2,172,851; Sept. 12.
Reynolds, Bernie S., assignor of one-third to H. P. Smith, and one-third to T. A. Jones, both of Wichita Falls, Tex. Rotary expanding fountain brush. 2,162,677; June 13.
Reynolds, Carl W., Barboursville, W. Va. Gutter mounting device. 2,147,799; Feb. 21.
Reynolds, Charles F., Cleveland, Ohio, assignor to The Eastern Malleable Iron Company, Naugatuck, Conn. Chain repair link. 2,168,539; Aug. 8.
Reynolds, Clifford B. (See Benoit, J. E., and Reynolds.)
Reynolds Corporation. (See Livar, Allen P., assignor.)
Reynolds, Edward O., assignor to Kelsey–Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,183,432; Dec. 12.
Reynolds Electric Company. (See Hinricher, Gerhardt A., assignor.)
Reynolds Electric Company. (See Olson, Wadlemar N., assignor.)
Reynolds Electric Company. (See Swanson, J. M., Huber, and (Olson, assignor).)
Reynolds, Elwood W. (See Loomis, F. J., and Reynolds.)
Reynolds, Frank C., Columbus, Ohio. Automatic transmission. 2,143,452; Jan. 10.
Reynolds, Frank C., assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Radiator construction. 2,170,427; Aug. 22.
Reynolds, Frank F., assignor to Seismic Explorations, Inc., Houston, Tex. Electromagnetic wave pickup instrument. 2,147,060; Feb. 14.
Reynolds, Frederick L. (See Markel, L., and Reynolds.)
Reynolds, Frederick L., Mill Valley, assignor to United States Appliance Corporation, San Francisco, Calif. Chemical heating pad for permanent hair waving. Re. 21,276; Nov. 21.
Reynolds, Frederick L., Mill Valley, assignor, by mesne assignments, to United States Appliance Corporation, San Francisco, Calif. Composition for permanent hair waving and method. 2,144,811; Jan. 24.
Reyonlds, Frederick L., Mill Valley, assignor by mesne assignments, to United States Appliance Corporation, San Francisco, Calif. Chemical heating pad. 2,153,676; Apr. 11.
Reynolds, Frederick L., Mill Valley, assignor by mesne assignments, to United States Appliance Corporation, San Francisco, Calif. Chemical heating pad for permanent hair waving. 2,153,677; Apr. 11.
Reynolds, Frederick L., Mill Valley, assignor to United States Appliance Corporation, San Francisco, Calif. Chemical heating pad for permanent hair waving. 2,153,678; Apr. 11.
Reynolds, Frederick W., Ridgewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electro-optical system. 2,183,204; Dec. 12.
Reynolds Gas Regulator Co. (See Hughes, Ralph C., assignor.)
Reynolds, George L. (See Kishline, F. F., and Reynolds.)
Reynolds, Harold C. (See Jimerson, F. A., and Reynolds.)
Reynolds, Harry A. (See McLeod, J. D., and Reynolds.)
Reynolds, Howard T., Grand Rapids, Mich. Fan. 2,165,069; July 4.
Reynolds, James W., Marysville, Kans. Hairpin. 2,172,852; Sept. 12.
Reynolds, Joseph H., et al. (See Beckler, Oakley K., assignor.)
Reynolds, Joseph H. (See Blackmond, William C., assignor.)
Reynolds, Joseph H., et al. (See Rowe, Marion H., assignor.)
Reynolds, Lulu E., et al., executors. (See Harris, B. R., and Reynolds.)
Reynolds, Lulu E., et al., executors. (See Reynolds, Marvin C.)
Reynolds Mfg. Co. (See Reynolds, Wellington G., assignor.)
Reynolds, Marvin C. (See Harris, B. R., and Reynolds.)
Reynolds, Marvin C., deceased, Chicago, Ill.; L. E. Reynolds and First National Bank of Chicago, executors, assignors to The Emulsol Corporation, Chicago, Ill. Treating liquid egg material. 2,162,316; June 13.
Reynolds Metals Company. (See Scheller, Ernest, assignor.)
Reynolds Metals Company. (See Sunderhauf, Frederick A., assignor.)
Reynolds Metals Company. (See Whitfield, Marshall G., assignor.)
Reynolds Metals Company. (See Whitfield, M. G., and Sheshunoff, assignors.)

Reynolds, Nazro H., Alameda, Calif. Attachment means for digging teeth and excavating buckets and the like. 2,145,663; Jan. 31.
Reynolds, Noel S., assignor of one-half to O. Bartling, St. Louis, Mo. Grease retainer. 2,181,203; Nov. 28.
Reynolds, Norris. (See Marcham, A. J., and Reynolds.)
Reynolds, Reginald J. W. (See Lawrie, L. G., Reynolds, and Walker.)
Reynolds Research Corporation. (See Mack, E. L., and Morse, assignors.)
Reynolds Research Corporation. (See Morse, E. H., Johnston, and Mack, assignors.)
Reynolds, Richard S., Glen Cove, N. Y. Continuous process of casting thin film. 2,169,288; Aug. 15.
Reynolds, Robert J., Trotwood, Ohio. Camera cable release. 2,184,815; Dec. 26.
Reynolds Spring Company. (See Currie, Otis C., assignor.)
Reynolds Spring Company. (See Reed, Clair S., assignor.)
Reynolds Spring Company. (See Sherman, J. D., Reed, and Currie, assignors.)
Reynolds, Stanton, Greenford, England, assignor to Atlantic Coast Fisheries Company, New York, N. Y. Making activated gelatin. 2,183,084; Dec. 12.
Reynolds, Walter C., Polo, Ill. Hog feeder. 2,158,253; May 16.
Reynolds, Walter C., Gering, Nebr., and W. H. Jordan, Denver, Colo. Rubber basket. 2,185,093; Dec. 26.
Reynolds, Walter M., San Antonio, Tex. Cultivator attachment. 2,180,910; Nov. 21.
Reynolds, Warren S., Stratford, Conn., assignor to Remington Arms Company, Inc. Packaging machine. 2,160,518; May 30.
Reynolds, Warren S., Stratford, Conn., assignor to Remington Arms Company, Inc. Packaging machine. 2,173,860; Sept. 26.
Reynolds, Wellington G., South Hadley Falls, assignor to Reynolds Mfg. Co., Holyoke, Mass. Paper manufacture. 2,174,095; Sept. 26.
Reynolds, Wilfred, Hucknall, and F. Bonser, Thoresby Dale, Hucknall, assignors to Interlock Patents Limited, Nottingham, England. Producing knitted fabric. 2,146,852; Feb. 14.
Reynolds, Wilfred, and F. Bonser, Hucknall, assignors to Interlock Patents Limited, Nottingham, England. Knitted fabric. 2,149,071; Feb. 28.
Reynolds, William H., assignor to American Instrument Company, Silver Spring, Md. Control device for a radiometeorograph signal transmitter. 2,156,868; May 2.
Reynolds Wire Co. (See Lacks, John P., assignor.)
Reynoldson, Roland G., Madison, Wis., assignor to The Allbright-Nell Co., Chicago, Ill. Hog-scalding apparatus. 2,176,313; Oct. 17.
Reyrolle, A., & Company Limited. (See Leyburn, Henry, assignor.)
Rez, Anton G., Seattle, Wash. Method and apparatus for fusing characters to molded glass articles. 2,162,317; June 13.
Rhea, Henry E., Merchantville, N. J., assignor to Radio Corporation of America. Generator for television. 2,165,815; July 11.
Rhea, James W. (See Figg, L. J., Jr., and Rhea.)
Rhea, Willard, Piedmont, Mo. Electrical switch. 2,177,582; Oct. 24.
Rheem Manufacturing Company. (See Rheem, Richard S., assignor.)
Rheem, Richard S., Oakland, Calif. Metal shipping barrel. 2,146,381; Feb. 7.
Rheem, Richard S., Oakland, Calif., assignor, by mesne assignments, to J. P. Hume, Chicago, Ill. Bung fitting. 2,152,919; Apr. 4.
Rheem, Richard S., Oakland, assignor to Rheem Manufacturing Company, Richmond, Calif. Drum. 2,169,395; Aug. 15.
Rheem, Richard S., Oakland, assignor to Rheem Manufacturing Company, Richmond, Calif. Reconstructing drums. 2,175,411; Oct. 10.
Rhein, Lloyd R., Pleasant Ridge, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Window regulator and lock. 2,174,599; Oct. 3.
Rhein, Lloyd R., Pleasant Ridge, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Striker. 2,178,919; Nov. 7.
Rhein, Lloyd R., Pleasant Ridge, and A. S. Greif, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Window regulator for a swinging window. 2,161,199; June 6.
Rhein, William E. H., Reading, Pa. Combined intake and exhaust valve for internal combustion engine. 2,160,000; May 30.
Rheinmetall-Borsig Aktiengesellschaft. (See Blomerius, Robert, assignor.)
Rheinmetall-Borsig Aktiengesellschaft. (See Hingst, Rudolf, assignor.
Rheinmetall-Borsig Aktiengesellschaft. (See Waninger, Carl, assignor.)
Rheinmetall-Borsig Aktiengesellschaft Werk Borsig, Berlin-Tegel. (See Heinrich, Johann, assignor.)
Rheinmetall-Borsig Aktiengesellschaft Werk Borsig Berlin-Tegel. (See Höllstin, Franz, assignor.)
Rheinstrom, James A., assignor to The Karl Kiefer Machine Company, Cincinati, Ohio. Arranging articles. 2,183,433; Dec. 12.
Rhines, Thomas B., Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Directing engine cooling air. 2,145,131; Jan. 24.
Rhines, Thomas B., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Launching seaplanes. 2,145,459; Jan. 31.
Rhinevault, Harry A., assignor to Armstrong Bros. Tool Co., Chicago, Ill. Lock for socket wrenches, etc. 2,162,359; June 13.
Rhoads, Byron E. (See Miller, J. S., and Rhoads.)
Rhode Island Warp Stop Equipment Company. (See Noble, Arthur H., assignor.)
Rhode Island Warp Stop Equipment Company. (See Smith, Edwin C., assignor.)
Rhodes, Aaron D., assignor to Consolidated Steel Corp., Ltd., Los Angeles, Calif. Derrick construction. 2,164,427; July 4.
Rhodes, Aaron D., assignor to Consolidated Steel Corp., Ltd., Los Angeles, Calif. Derrick leg footing. 2,164,428; July 4.
Rhodes, Albert J. (See McGregor, T. A., and Rhodes.)
Rhodes, Austin D., assignor to Judson L. Thomson Manufacturing Company, Inc., Waltham, Mass. Rivet. 2,154,012; Apr. 11.
Rhodes, Charles J., Wakefield, England. Press for cutting sheet metal. 2,165,676; July 11.
Rhodes, Charles J., Wakefield, England. Press for cutting sheet metal. 2,171,891; Sept. 5.
Rhodes, Ernest, assignor to Standard Furniture Company, Herkimer, N. Y. Desk leg and the like. 2,178,940; Nov. 7.
Rhodes, Herbert C., Portland, Oreg., assignor to American Machine & Foundry Company. Dough dividing machine construction. 2,162,641; June 13.
Rhodes, Herbert C., Portland, Oreg., assignor to American Machine & Foundry Company, New York, N. Y. Dough dividing machine. 2,178,406; Oct. 31.
Rhodes, Howard E., Floral Park, assignor to Aerovox Corporation, Brooklyn, N. Y. Electrolytic cell. 2,163,262; June 20.
Rhodes, Lane, et al. (See Christiansen, Frederick A., assignor.)
Rhodes, M. H., Inc. (See Rhodes, Marcus H., assignor.)
Rhodes, M. H., Inc. (See Rhodes, M. H., and Fanzoi, assignors.)
Rhodes, Marcus H., assignor to M. H. Rhodes, Inc., New York, N. Y. Time control switch. 2,150,634; Mar. 14.
Rhodes, Marcus H., New York, N. Y. and J. Fanzoi, Hartford, Conn., assignors to M. H. Rhodes, Inc., New York, N. Y. Timing device and escapement therefor. 2,150,633; Mar. 14.
Rhodes, Taylor C., St. Paul, assignor of one-half to L. S. Stenvig, Robbinsdale, Minn. Line spacing and paragraphing mechanism. 2,170,696; Aug. 22.
Ribble, Chauncey H., Hackensack, N. J. Safety lamp guard. 2,172,223; Sept. 5.
Ribble, Deane, et al. (See Nash, Charles P., Jr., assignor.)
Ribble, Harry W., Niles Center, Ill., assignor, by mesne assignments, to Rapids Equipment Co. Inc., Cedar Rapids, Iowa. Beverage cooling and dispensing apparatus and method. 2,159,729; May 23.
Ribble, John M., Petersburg, Va. Auxiliary calking flange for tunnel lining joints. 2,160,342; May 30.
Ribe, Leon, Saint-Etienne, assignor to A. Raimond, Saint-Etienne, (Loire), France. Change speed hub for bicycles and the like. 2,143,798; Jan. 10.
Riblet, Robert M. (See Wooler, E., and Riblet.)
Riblet, Royal N., Spokane, Wash. Chute and valve. 2,163,061; June 20.
Riblet, Royal N., Spokane, assignor of one-half to H. Hurlow, Jr., Tacoma, Wash. Drill bit. 2,166,478; July 18.
Ricard, Arthur P., Slater, Mo. Valve. 2,169,452; Aug. 15.
Ricard, Elzear J., assignor of fifteen per cent to F. C. Juergens, Detroit, Mich. Electric toaster with removable heating element. 2,181,204; Nov. 28.
Ricard, René F. J., Pontault-Combault, France. Manufacture of molds and cores for castings. 2,148,642; Feb. 28.
Ricardo, Harry R., London, England. Fuel injection pump for internal combustion engines. 2,159,177; May 23.
Ricchiardi, Pier C., Paris France. Recording and reproducing sound. 2,151,408; Mar. 21.
Ricchiardi, Pier C., assignor to the society "Reterson Holding", Paris, France. Method and apparatus for the mechanical recording of sound oscillations. 2,166,079; July 11.
Ricchiardi, Pier C., Paris, France. Electrical sound recording. 2,182,136; Dec. 5.
Riccio, Anthony, Brooklyn, N. Y. Apparatus for reinforcing inner tubes. 2,145,890; Feb. 7.
Riccio, Anthony, Brooklyn, N. Y., assignor to Vulcan Products Corporation. Tire retreading device. 2,157,967; May 9.
Rice, Charles D., West Hartford, Conn. Spring suspension. 2,152,032; Mar. 28.
Rice, Charles D., West Hartford, Conn. Articulated train. 2,155,615; Apr. 25.

Rice, Charles D., West Hartford, Conn. Railway train. 2,169,616; Aug. 15.
Rice, Chester W., Schenectady, N. Y., assignor to General Electric Company. Short wave radio transmitter 2,145,735; Jan. 31.
Rice, Chester W., Schenectady, N. Y., assignor to General Electric Company. High frequency oscillator. 2,156,029; Apr. 25.
Rice, Clarence J., and V. A. Berghoefer, assignors to Sterling Engineering Company, Milwaukee, Wis. Heating system. 2,170,507; Aug. 22.
Rice, Earl W., and W. J. Buchele, St. Paul, Minn., assignors of sixty-six and two-thirds per cent to C. W. Kimler, Sr., and H. Hall, Ames, Iowa. Making coke. 2,177,226; Oct. 24.
Rice, Edward E., et al. (See Johnson, Melvin M., Jr., assignor.)
Rice, Emery M. (See Davison, H. B., and Rice.)
Rice, Frank E., assignor to American Tap-Bush Company, Detroit, Mich. Stopper. 2,146,382; Feb. 7.
Rice, Frank E., assignor to American Tap-Bush Company, Detroit, Mich. Direct tapping faucet structure. 2,169,393; Aug. 15.
Rice, Frank E., assignor to American Tap-Bush Company, Detroit, Mich. Beer tube and faucet construction. 2,175,669; Oct. 10.
Rice, Frank H., Boston, Mass. Pickproof lock. 2,147,061; Feb. 14.
Rice, Harold D. (See Gremmel, H. F., and Rice.)
Rice, Harry H., San Francisco, Calif. Liner and curtain for containers. 2,178,434; Oct. 31.
Rice, Ira J., Jr., Moorhead, Iowa. Gun reloader. 2,142,918; Jan. 3.
Rice, John H., assignor to Leighton Machine Company, Manchester, N. H. Circular knitting machine for drop-stitch work. Re. 21,190; Aug. 29.
Rice, John V., Jr., Philadelphia, Pa. Antishock spring. 2,145,891; Feb. 7.
Rice, John W., Amarillo, Tex., assignor of one-half to W. W. Gentry, Chickasha, Okla. Vehicle body. 2,179,600; Nov. 14.
Rice, Julia D. (See Shipley, B. C., and Rice.)
Rice, Louis E., Washington, Pa. Glass-engraving machine. 2,171,007; Aug. 29.
Rich, Odella and T. J., Jr., Chicago, Ill. Sewing machine ruffler. 2,148,878; Feb. 28.
Rice, Owen R., assignor to Freyn Engineering Company, Chicago, Ill. Blast furnace stove. 2,157,017; May 2.
Rice, Raymond E., Brooklyn, and W. F. Kelley, Whitestone, assignors to Remington Rand Inc., Buffalo, N. Y. Statistical card punch. 2,172,758; Sept. 12.
Ricefield, Louis, Oak Park, Ill. Coupling. 2,146,764; Feb. 14.
Ricefield, Louis, Oak Park, Ill. Coupling. 2,146,765; Feb. 14.
Ricefield, Louis, Oak Park, Ill. Coupling. 2,146,766; Feb. 14.
Rich, Charles A., and C. Palmer, assignors to Morgan Construction Company, Worcester, Mass. Measurement of frustoconical parts. 2,164,942; July 4.
Rich, Charles A., Providence, R. I., assignor to Brown & Sharpe Manufacturing Company. Spindle control mechanism. 2,174,292; Sept. 26.
Rich, George R., assignor to Rich Manufacturing Corporation, Battle Creek, Mich. Alloy steel. 2,170,267; Aug. 22.
Rich, George R., assignor to Rich Manufacturing Corporation, Battle Creek, Mich. Alloy steel for the manufacture of motor valves. 2,170,268; Aug. 22.
Rich, Herbert J., assignor to National Cable & Metal Co., Glendale, Calif. Battery terminal connector. 2,159,512; May 23.
Rich, Louise B., administratrix. (See Rich, Willis D.)
Rich Manufacturing Corporation. (See Rich, George R., assignor.)
Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Thermal current-responsive device. 2,144,589; Jan. 17.
Rich, Theodore A., Schenectady, N. Y., assignor to General Electric Company. Temperature control device. 2,162,589; June 13.
Rich, Theodore A., Schenectady, and G. F. Gardner, Scotia, N. Y., assignors to General Electric Company. Demand meter. 2,172,176; Sept. 5.
Rich, Thomas J., Jr. (See Rich, Odella and T. J., Jr.)
Rich, Willis D., deceased, Hingham; L. B. Rich administratrix, assignor to Deskor Chair Sales Corporation, Boston, Mass. Floor attachment for chairs. 2,153,679; Apr. 11.
Richard, Charles F., assignor to Johnson Automatic Sealer Co., Ltd., Battle Creek, Mich. Carton bottom sealing machine. 2,167,814; Aug. 1.
Richard, Clement C., assignor of one-half to D. K. Richard and one-half to R. W. Richard, Bloomfield Hills, Mich. Bedpan. 2,147,174; Feb. 14.
Richard, Clement C., Bloomfield Hills, assignor to Allied Products Corporation, Detroit, Mich. Combined punch and stripper. 2,160,676; May 30.
Richard, Clement C., Bloomfield Hills, assignor to Allied Products Corporation, Detroit, Mich. Spring retainer. 2,166,559; July 18.
Richard, Doris K., et al. (See Richard, Clement C., assignor.)
Richard, Edward B. (See Baum, Henry, assignor.)
Richard, Paul A., Clichy, France. Air cooled engine on aircraft. 2,182,054; Dec. 5.
Richard, Rene G., Springfield, Ill. Electric match. 2,151,409; Mar. 21.
Richard, Robert W., et al. (See Richard, Clement C., assignor.)
Richards, Arthur C., assignor to Aero Piston Ring Company Limited, Leeds, England. Piston ring. 2,179,670; Nov. 14.
Richards, Arthur F. W., and H. Bright, London, England. Coupling for electrical and mechanical purposes. 2,149,550; Mar. 7.
Richards, Boggs & King, Inc. (See Richards, Harvey B., assignor.)
Richards Chemical Works, Incorporated, The. (See Bowles, A. F., and Kaplan, assignors.)
Richards Chemical Works, Incorporated, The. (See Kraus, Armin J., assignor.)
Richards Chemical Works, Incorporated, The. (See Mosher, Hugh H., assignor.)
Richards, David C. (See Richards, David W. and D. C.)
Richards, David W. and D. C., Richlandtown, Pa. Hydraulic water and oil pump. 2,162,748; June 20.
Richards, Edith G., South Portland, Maine, assignor to The Watson Company, Attleboro, Mass. Coaster for holding drinking vessels. 2,160,468; May 30.
Richards, Emerson. (See Walden, Samuel L., assignor.)
Richards, Ernst R., Chicago, Ill. Method of and apparatus for making electrotype plates. 2,162,825; June 20.
Richards, Estelle, Baltimore, Md. Plaster-cast cutter. 2,146,916; Feb. 14.
Richards, Francis M., Wynnewood, Pa. Signaling device for vehicles. 2,173,265; Sept. 19.
Richards, Glenn E., Kansas City, Mo. Trailer. 2,174,063; Sept. 26.
Richards, Grover E., Youngstown, Ohio. Golf stance indicator. 2,180,170; Nov. 14.
Richards, Harry A. (See Varley, Thomas W., assignor.)
Richards, Harry W., New York, N. Y. Railway signal device and train control. 2,163,520; June 20.
Richards, Harvey B., Lake Bluff, assignor to Richards, Boggs & King, Inc., Chicago, Ill. Galosh. 2,142,981; Jan. 3.
Richards, Idris T. (See Beale, C. E., and Richards.)
Richards, Idris T., Liverpool, England, assignor to Associated Telephone & Telegraph Company, Chicago, Ill. Telephone system. 2,183,030; Dec. 12.
Richards, Jesse B., and W. R. Van Winkle, assignors to Indiana Fibre Products Company, Marion, Ind. Self-locking container. 2,144,774; Jan. 24.
Richards, John B., Birmingham, Ala. Annealing box cover. 2,177,811; Oct. 31.
Richards, John R., Oak Park, Ill. Dog exercising device. 2,155,684; Apr. 25.
Richards, Joshua M., Brookline, Mass. Skylight or floor-light construction. 2,182,971; Dec. 12.
Richards, Kenneth D., Winchendon, Mass. Reel seat. 2,182,409; Dec. 5.
Richards, Norton L., Chicago, Ill. Fixed dimension gauge. 2,151,617; Mar. 21.
Richards, Ralph N., assignor to Indiana Fibre Products Company, Marion, Ind. Chick box. 2,159,451; May 23.
Richards, Samuel G., Des Moines, Iowa. Postage stamp container and affixer. 2,167,908; Aug. 1.
Richards, Samuel H., Harpenden, and W. J. Clements; said Clements assignor to British Insulated Cables Limited, Prescot, Lancashire, England. Winding on spools wire, cord, yarn, and other materials. 2,163,010; June 20.
Richards-Wilcox Canadian Company. (See Hall, Frederick W., assignor.)
Richards-Wilcox Manufacturing Company. (See Brown, Ernest V., assignor.)
Richards-Wilcox Manufacturing Company. (See Jones, Malcolm L., assignor.)
Richards-Wilcox Manufacturing Company. (See Mulcay, Cyrus J., assignor.)
Richards-Wilcox Manufacturing Company. (See Phillips, Ellis J. G., assignor.)
Richards, Willard R., Buffalo, N. Y. Garment hanger. 2,169,431; Aug. 15.
Richardson, A. G., & Co., Inc. (See Townsend, W. E., and Maxwell, assignors.)
Richardson, C., and Company. (See Richardson, C. E., and Carroll, assignors.)
Richardson, Cecil S., New York, N. Y., assignor of one-tenth to W. W. Keith, West Palm Beach, Fla. Propeller. 2,151,939; Mar. 28.
Richardson, Charles A., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Apparatus for testing tubular members. 2,183,974; Dec. 19.
Richardson, Charles E., St. Mary's, Ontario, and J. Carroll, Kitchener, Ontario, assignors to C. Richardson and Company, Limited, St. Mary's, Ontario, Canada. Method of and apparatus for feeding fuel. 2,149,184; Feb. 28.
Richardson, Charles G., assignor to Parks & Woolson Machine Company, Springfield, Vt. Cloth guiding device. 2,157,920; May 9.
Richardson, Charles G., assignor to Parks & Woolson Machine Company, Springfield, Vt. Cloth shearing machine. 2,173,613; Sept. 19.

Richardson, Clyde S., Harvey, Ill., assignor, by mesne assignments, to General Time Instruments Corporation, New York, N. Y. Time system. 2,168,628; Aug. 8.
Richardson Company, The. (See Dillehay, E. R., and McFedries, assignors.)
Richardson, Earle E., Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Filter for ultra-violet light. 2,160,907; June 6.
Richardson, Elmer C. (See Mole, P., and Richardson.)
Richardson, Harry W., San Francisco, assignor to R. R. Vought, Redwood City, Calif. Snap fastener. 2,183,085; Dec. 12.
Richardson, Holden C., Washington, D. C., and H. Kampf, New York, N. Y. Heat exchange apparatus. 2,171,047; Aug. 29.
Richardson, James C., Brooklyn, N. Y., assignor to The Fischman Company, Philadelphia, Pa. Vending machine. 2,176,823; Oct. 17.
Richardson, James W., Dayton, Ohio. Spring motor. 2,154,699; Apr. 18.
Richardson, Jarius S., Sheboygan Falls, Wis. Feeding mechanism. 2,169,394; Aug. 15.
Richardson, John W., assignor to The Prime Manufacturing Company, Milwaukee, Wis. Drifting valve. 2,146,443; Feb. 7.
Richardson, Led L., Garfield Heights, assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Mounting for rock drills. 2,179,162; Nov. 7.
Richardson, Mary G., Fort Worth, Tex. Anesthetic screen. 2,180,480; Nov. 21.
Richardson, Max C., assignor to Iron Fireman Manufacturing Company, Portland, Oreg. Stoker and furnace therefor. 2,170,277; Aug. 22.
Richardson, Olan. (See Logan, Richardson, Cooper, and Benziger.)
Richardson, Philip B., Montclair, assignor to Richardson Scale Company, Clifton, N. J. Receptacle holder. 2,178,494; Oct. 31.
Richardson, Robert L. (See Pearson, C. L., and Richardson.)
Richardson, Rodney G. (See McCreary, H. J., and Richardson.)
Richardson, Roger W. (See Tilton, J. A., and Richardson.)
Richardson, Roger W., Baton Rouge, La., assignor to Standard Oil Development Company. Thickening unsaturated oils. 2,167,726; Aug. 1.
Richardson Scale Company. (See Richardson, Philip B., assignor.)
Richardson, Sidney. (See Grotte, H. A., and Richardson.)
Richardson, Sylvester G., assignor to Norton Company, Worcester, Mass. Apparatus for grinding. 2,171,892; Sept. 5.
Richardson Taylor-Globe Corporation. (See Marx, Frank A., assignor.)
Riche, Arthur L., assignor, by mesne assignments, to Micro Switch Corporation, Freeport, Ill. Snap switch. 2,170,767; Aug. 22.
Riche, Arthur L., assignor to Micro Switch Corporation, Freeport, Ill. Electric snap switch construction. 2,181,068; Nov. 21.
Riche, Arthur L., assignor, by mesne assignments, to Micro Switch Corporation, Freeport, Ill. Compression spring support. 2,182,856; Dec. 12.
Riche, Arthur L., and J. R. Hathaway, assignors, by mesne assignments, to Micro Switch Corporation, Freeport, Ill. Safety control mechanism for gas or liquid fuel burners. 2,178,312; Oct. 31.
Richel, John C., Leechburg, Pa. Jar wrench. 2,162,445; June 13.
Richert, Paul H., Fresno, Calif., assignor, by mesne assignments, to The Dow Chemical Company, Midland, Mich. Apparatus for dispensing methyl bromide. 2,156,869; May 2.
Richert, Paul H., Fresno, assignor to N. A. Maclean, San Francisco, Calif. Dispensing apparatus. 2,161,090; June 6.
Riches, George H., Cooksville, Ontario, assignor to Patent Development Company Limited, Toronto, Ontario, Canada. Pressure control mechanism. 2,150,460; Mar. 14.
Richester Germicide Company. (See Crowell, Clarence W., assignor.)
Richey, Arthur W., et al. (See Fuller, Wayne C., assignor.)
Richman, Harry, Novelties Corp. (See Hammerling, Emanuel, assignor.)
Richmond Foundry & Mfg. Co. Inc., The. (See Shelor, Frederick L., assignor.)
Richmond, George O. (See Candee, A. H., and Richmond.)
Richmond, Harry H., assignor to Electric Steel Foundry Company, Portland, Oreg. Screen for digesters. 2,163,437; June 20.
Richmond, Joseph L. (See Henke, C. O., and Richmond.)
Richmond, Joseph L., Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Derivatives of menthane. 2,174,505; Sept. 26.
Richmond, Louis, New York, and D. Eckert, Brooklyn, N. Y. Button. 2,150,563; Mar. 14.
Richmond, Louis, and D. Eckert, New York, N. Y. Button. 2,175,029; Oct. 3.
Richmond Screw Anchor Co. (See Schenk, Tamis C., assignor.)
Richstone, Aaron, Poughkeepsie, N. Y. Safety razor blade holder. 2,182,354; Dec. 5.
Richter, Ben, Flushing, N. Y. Toy. 2,144,933; Jan. 24.
Richter, Carl R., Schenectady, N. Y. Torch for welding, cutting, and the like. 2,157,269; May 9.
Richter, Eduard, Sagan, Germany. Composite shoe. 2,178,025; Oct. 31.
Richter, Edward, Freeport, Ill. Combination stabilizing, snubbing, and leveling system for vehicles. 2,148,504; Feb. 28.
Richter, Emil F., Philadelphia, Pa. Catapult. 2,153,315; Apr. 4.
Richter, Emil F., assignor to Artcraft Silk Hosiery Mills, Inc., Philadelphia, Pa. Full-fashioned knitting machine. 2,153,314; Apr. 4.
Richter, George A., assignor to Brown Company, Berlin, N. H. Paper for nitration. 2,159,675; May 23.
Richter, George A., assignor to Brown Company, Berlin, N. H. Preparation of nitrocellulose. 2,181,911; Dec. 5.
Richter, George A., and H. P. Vannah, assignors to Brown Company, Berlin, N. H. Producing viscose. 2,159,676; May 23.
Richter, George A., and K. E. Glidden, assignors to Brown Company, Berlin, N. H. Swelling cellulose fiber sheets. 2,174,894; Oct. 3.
Richter, Gus, Bronx, N. Y. Garment hanger and folder. Re. 21,227; Oct. 3.
Richter, Hans. (See Geffcken, H., and Richter.)
Richter, Hans R. (See Geffcken, H. H. and Richter.)
Richter, Hans, Chicago, Ill. Adjustable perforated print shovel. 2,149,630; Mar. 7.
Richter, Hartmut W., Rahway, N. J. Recovery of tin and other oxidizable metals. 2,145,433; Jan. 31.
Richter, Henry, Kankakee, assignor to Paramount Textile Machinery Co., Chicago, Ill. Knitting machine. 2,154,384; Apr. 11.
Richter, Henry G., Westfield, N. J. Apparatus for adjusting resistors. 2,159,106; May 23.
Richter, Henry G., Westfield, N. J., assignor, by mesne assignments, to P. R. Mallory & Co., Inc., Indianapolis, Ind. Tubular resistor and support therefor. 2,151,799; Mar. 28.
Richter, Herman F., Los Angeles, Calif. Sucker rod connection. 2,162,123; June 13.
Richter, Herman W., assignor to G. O. Jenkins Company, Bridgewater, Mass. Making dust guards and/or packing. 2,151,410; Mar. 21.
Richter, James L., Far Rockaway, N. Y., and H. Goldblum, Paterson, N. J. Simulated bevel vanity mirror. 2,162,590; June 13.
Richter, Max, West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Yarn-feeding means. 2,168,884; Aug. 8.
Richter, Max, West Reading, and C. L. Hornberger, Ephrata, assignors to Textile Machine Works, Wyomissing, Pa. Straight knitting machine. 2,169,979; Aug. 15.
Richter, Morten B., Copenhagen, Denmark. Selector for electric wiring systems. 2,146,228; Feb. 7.
Richter, Richard, Oberlungwitz, Germany. Warp loom. 2,170,697; Aug. 22.
Richter, Roland, Albany, Minn. Hydraulic-air spring and shock absorber. 2,147,990; Feb. 21.
Richter, Robert, assignor to Carl Zeiss, Jena, Germany. Four-lens photo-objective. 2,170,428; Aug. 22.
Richter, Wolfgang D., Jr., Southampton, Pa. Knitting machine. 2,170,278; Aug. 22.
Richterkessing, Frank H., assignor to Cheatham Electric Switching Device Co., Incorporated, and Nachod & United States Signal Co., Incorporated, Louisville, Ky. Vehicle-controlled selective system. 2,171,278; Aug. 29.
Richterkessing, Frank H., assignor to Chatham Electric Switching Device Co., Incorporated, and Nachod & United States Signal Co., Incorporated, Louisville, Ky. Selective control system. 2,171,865; Sept. 5.
Richtmyer, Arthur R., Larchmont, N. Y., assignor to F. J. Bayliss, Walsoll, Straffordshire, England. Extensible fastener. 2,163,811; June 27.
Richtmyer, Nelson K. (See Hudson, C. S., and Richtmyer.)
Richwine, Hugh K., Liberal, Kans. Earth scooping structure. 2,142,919; Jan. 3.
Richwine, Hugh K., Liberal, Kans. Self-propelled combined earth scooping and conveying-off apparatus. 2,157.968; May 9.
Rick, August J., New York, assignor to American Manufacturing Company, Brooklyn, N. Y. Rope. 2,181,344; Nov. 28.
Rick, Edward S., Los Angeles, assignor to Food Machinery Corporation, San Jose, Calif. Method and apparatus for classification of fruits and foodstuffs. 2,175,617; Oct. 10.
Rickard, William S., Chicago, Ill. Head rest for basins and the like. 2,161,590; June 6.
Rickenbach, Harry C., Pittsburgh, and W. E. Herman, Crafton Heights, Pa. Grade indicator. 2,168,885; Aug. 8.
Rickenmann, Alfred, Zurich, Switzerland. Truing device for abrasive worms. 2,177,583; Oct. 24.

Rickenmann, Alfred, assignor to Reishauer Tool Works, Limited, Zurich, Switzerland. Method and device for relieving spirally grooved screw groove milling tools. 2,145,202; Jan. 24.
Ricketts, Vernon L. (See Klemgard, E. N., and Ricketts.)
Ricketts, Vernon L., Martinez, assignor to Shell Development Company, San Francisco, Calif. Soda soap grease. 2,182,137; Dec. 5.
Ricks, Fred, Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Method of and machine for making bags. 2,170,094; Aug. 22.
Ricks, Fred, and J. W. Pratt, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Lasting machine. 2,170,035; Aug. 22.
Ricks, Fred, and J. W. Pratt, Leicester, England, assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Roughing machine. 2,179,351; Nov. 7.
Ricks, Fred, H. Boothroyd, and C. H. James, Leicester, England, assignors to United Shoe Machinery Corporation, Paterson, N. J. Machine for working uppers over lasts. 2,152,855; Apr. 4.
Rickus, George A. (See Gormley, Clarence H., assignor.)
Riddell, John T., Chicago, Ill. Valve for inflated articles. 2,142,414; Jan. 3.
Riddell, John T., Chicago, Ill. Making playing balls. 2,149,465; Mar. 7.
Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. Cable release for time exposures. 2,165,414; July 11.
Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. Ratchet cable release. 2,172,294; Sept. 5.
Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. Setting shutter leaf rebound latch. 2,172,295; Sept. 5.
Riddell, William A., assignor to Eastman Kodak Company, Rochester, N. Y. Setting shutter. 2,176,844; Oct. 17.
Ridderstrom, Andrew R., Nahant, assignor to Prime Manufacturing Company, Lynn, Mass. Tape applying machine. 2,142,332; Jan. 3.
Ridderstrom, Andrew R., Nahant, assignor to Prime Manufacturing Company, Lynn, Mass. Tape-applying machine. 2,175,618; Oct. 10.
Riddle, James M., Jr., West Collingswood, N. J., assignor to Radio Corporation of America. Detector for radio receiving systems. 2,145,372; Jan. 31.
Riddle, James M., Jr., West Collingswood, N. J., assignor to Radio Corporation of America. Volume control system. 2,159,052; May 23.
Riddle, James M., Jr., West Collingswood, N. J., assignor to Radio Corporation of America. Volume control system. 2,160,788; May 30.
Riddle, James M., Jr., West Collingswood, N. J., assignor to Radio Corporation of America. Selectivity control system. 2,166,693; July 18.
Riddle, Polemon V., Auburn, Ala. Coil winding apparatus. 2,174,839; Oct. 3.
Riddle, Zelie, San Diego, Calif. Aircraft wing heating means. 2,142,699; Jan. 3.
Rider, Ernest G., assignor to Stokes and Smith Company, Philadelphia, Pa. Making boxes. 2,168,422; Aug. 8.
Rider, Ernest H., Stockton, Calif. Street plate for tractors. 2,161,486; June 6.
Rider, Morris, assignor of forty-five per cent to J. H. Tregoning, Detroit, Mich. Golf tee. 2,155,803; Apr. 25.
Rider, Rowland W., assignor to Utah Royalty Corporation, Salt Lake City, Utah. Centrifugal crusher. 2,168,582; Aug. 8.
Rider, Simon W., et al. (See Montgomery, T. C., and Schempp, assignors.)
Ridge, Raymond J., Yeadon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerator control. 2,148,643; Feb. 28.
Ridge, Raymond J., Yeadon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Air conditioning apparatus. 2,157,145; May 9.
Ridge Tool Company of Elyria, Ohio, The. (See Jackman, Elmer F., assignor.)
Ridgely, Nicholas H. (See Elliott, Freeman H., assignor.)
Ridgely, James A., Cincinnati, Ohio, assignor to W. J. Holliday & Co., Indianapolis, Ind. Free machining open hearth steel. 2,157,673; May 9.
Ridgely, James A., Cincinnati, Ohio, assignor to W. J. Holliday & Co., Indianapolis, Ind. Manufacturing a free machining case-hardening steel. 2,157,674; May 9.
Ridgway, Joseph W. (See Barr, H. F., and Ridgway.)
Ridgway, Raymond R., Niagara Falls, N. Y., assignor to Norton Company, Worcester, Mass. Thermocouple. 2,152,153; Mar. 28.
Ridgway, Raymond R., Niagara Falls, N. Y., assignor to Norton Company, Worcester, Mass. Making abrasive metal carbides. 2,155,682; Apr. 25.
Ridgway, Raymond R., and B. L. Bailey, Niagara Falls, N. Y., assignors to Norton Company, Worcester, Mass. Apparatus for multiple pressure molding. 2,150,884; Mar. 14.
Ridgeway, William F., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Drive mechanism. 2,170,159; Aug. 22.
Ridler, Earl S., Bellevue, Del., and J. F. W. Schulze, deceased, Cleveland, Ohio (by H. L. Schulze, administrator, Yonkers, N. Y.), assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of sulphuric acid. 2,173,916; Sept. 26.
Ridley, Frank F., assignor to Colliery Engineering Limited, Sheffield, England. Apparatus for pneumatic separation of materials of different specific gravities and sizes. 2,183,281; Dec. 12.
Riebel, Frederick, Jr. (See Milner, B. C., Jr., and Riebel.)
Riebel, Frederick, Jr. (See Welles, G. D., and Riebel.)
Riebel, Frederick, Jr., assignor to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,165,677; July 11.
Riebel, Frederick, Jr., and D. M. Dow, assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,165,678; July 11.
Rieber, Edna E., Chicago, Ill. Applicator. 2,165,508; July 11.
Rieber, Frank, Los Angeles, Calif., assignor of one-half to Continental Oil Company. Geophysical exploration. 2,144,812; Jan. 24.
Rieber, Frank, Los Angeles, Calif., assignor of one-half to Continental Oil Company. Wave record analyzer. 2,155,507; Apr. 25.
Rieche, Alfred, Wolfen, Kreis Bitterfeld, and W. Rudolph, Bitterfeld, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dehydrobinaphthylenediimines. 2,153,994; Apr. 11.
Rieck, Arno W., C. F. Chapman, and K. Wambach, assignors to Kraft-Phenix Cheese Corporation, Chicago, Ill. Slicing device. 2,158,667; May 16.
Ried, Robert C., West Conshohocken, Pa., assignor to Separation Process Company. Flotation process. 2,163,701; June 27.
Ried, Robert C., West Conshohocken, Pa., assignor to Separation Process Company. Flotation process. 2,163,702; June 27.
Riede, Otto F. C., Yonkers, N. Y. Ski pole. 2,144,688; Jan. 24.
Riedel, J. D., -E. de Haen Aktiengesellschaft. (See Braun, K., and Rosenbusch, assignors.)
Riedel, Joseph, assignor to W. H. Maze Company, Peru, Ill. Glazing hammer. 2,155,683; Apr. 25.
Riedel, Walter W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Automatic adjustment device for brakes. 2,154,075; Apr. 11.
Riedelsberger, Walter. (See Daimler, K., Paquin, and Riedelsberger.)
Riedener, Franz, Zurich, Switzerland. Device for the aseptic treatment of the root of a tooth. 2,173,637; Sept. 19.
Riedl, Hans-Joachim, and G. Pfleiderer, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of hydrogen peroxide. 2,158,525; May 16.
Riedrich, Gerhard, Krefeld-Forstwald, assignor to Deutsche Edelstahlwerke Aktiengesellschaft, Krefeld, Germany. Scale-resisting steel alloy. 2,157,146; May 9.
Riefschnider, Henry, Seattle, Wash. Hockey coaster. 2,148,644; Feb. 28.
Rieger, Wilhelm, Kassel-Wilhelmshohe, Germany. Apparatus for spinning prevention of traction wheels. 2,170,766; Aug. 22.
Rieger, Willy, and O. H. Hartmann, Kassel-Whilhelmshohe, Germany. Compound engine. 2,173,541; Sept. 19.
Riegler, Riewen, Buffalo, assignor to National Aniline and Chemical Company, Inc., New York, N. Y. Preparation of naphthalene vapor mixtures for catalytic oxidation. 2,149,362; Mar. 7.
Riehl, Frederick W., Denver, Colo. Method and apparatus for domestic house heating. 2,178,268; Oct. 31.
Riehl, John J., Cleveland, Ohio. Automobile bumper guard. 2,167,186; July 25.
Riehl, John J., Cleveland, Ohio. Galley lock. 2,173,728; Sept. 19.
Riek, Forest O., et al. (See Knapp, Robert T., assignor.)
Riek, Rudolph A., et al. (See Knapp, Robert T., assignor.)
Riel, Carl E., assignor to Arthur Colton Company, Detroit, Mich. Method and apparatus for forming soft elastic capsules. 2,172,546; Sept. 12.
Rieman, Otto A., St. Louis, Mo. Electrical connecting device. 2,170,217; Aug. 22.
Riemenschneider, Edmund W. (See Orr, C. A., and Riemenschneider.)
Riemenschneider, Ernest. (See Wallace, R. H., and Riemenschneider.)
Riemenschneider, Ernest, Lakewood, and M. G. Fettel, assignors to The Midland Steel Products Company, Cleveland, Ohio. Welding electrode holder. 2,151,871; Mar. 28.
Riemenschneider, Ernest, Lakewood and A. W. Luedtke, assignors to The Midland Steel Products Company, Cleveland, Ohio. Apparatus for electric welding. 2,174,928; Oct. 3.
Riemersma, Martinus J. (See Maters, C., and Riemersma.)
Rienacker, William O., Detroit, and A. L. Perrigo, Armada, Mich. Welding hood shield. 2,154,774; Apr. 18.
Riepert, Hermann, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Dilatometer. 2,142,802; Jan. 3.
Riepert, Hermann, assignor to Ernst Leitz, G. m. b. H., Wetzlar, Germany. Combined camera and exposure meter. 2,178,361; Oct. 31.

Riepka, Hellmuth C., Berlin-Lichterfelde, assignor to Steatit-Magnesia Aktiengesellschaft, Berlin-Pankow, Germany. High frequency iron core. 2,146,987; Feb. 14.
Riepl, Clarence P., Milwaukee, Wis. Electrically charged stock enclosure. 2,146,229; Feb. 7.
Ries, Adolf, Frankfort-on-the-Main, Germany. Necktie smoother and stretcher. 2,162,826; June 20.
Ries, Herman J., New York, assignor to P. W. Valentine, Brooklyn, N. Y. Treating and using plywood. 2,181,912; Dec. 5.
Riesenkönig, Herman F., assignor to Lithoprint Company of New York, Inc., New York, N. Y. Print reproducing table. 2,163,062; June 20.
Rieser, John D., Berkeley, Calif. Variable speed transmission. 2,183,267; Dec. 12.
Riesgo, Ralph A., New York, N. Y. Beverage serving apparatus. Re. 20,981; Jan. 17.
Riesing, Ellwood F., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Resilient coupling. 2,154,385; Apr. 11.
Riess, Walter A., Chicago, Ill. Footwear ventilation. 2,151,152; Mar. 21.
Riesz, Kolman. (See Johnson, W. V., and Riesz.)
Riesz, Robert R., Mount Vernon, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Damping vibratory members. 2,166,326; July 18.
Riesz, Robert R., Mount Vernon, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave translation. 2,183,248; Dec. 12.
Rieter, Gustave T., Cedarburg, Wis. Foldable ironing board. 2,157,675; May 9.
Rietfort, John G. (See Gallagher, G. W., and Rietfort.)
Rietfort, John G., Waseca, Minn. Egg transfer device. 2,164,222; June 27.
Rietz, Carl A., San Francisco, Calif. Disintegrator. 2,153,590; Apr. 11.
Rife, Charles E., assignor to The Sinclair-Scott Company, Baltimore, Md. Green corn trimmer. 2,147,548; Feb. 14.
Riffey, Edgar W., and V. H. Kirkham, Springfield, Ohio. Internal combustion engine. 2,172,520; Sept. 12.
Riffkin, Ira. (See Leibow, Saul, assignor.)
Riffolt, Nils A. M. (See Thompson, L. T. E., and Riffolt.)
Rigby, George W. (See Lazier, W. A., and Rigby.)
Rigdon, Howard K., Painesville, Ohio. Method of and apparatus for producing refractories. 2,144,852; Jan. 24.
Rigdon, Howard K., Painesville, Ohio. Ingot mold plug. 2,175,315; Oct. 10.
Riggs, Alger S., assignor of one-third to J. B. Brady, Washington, D. C. Electrical control system. 2,151,718; Mar. 28.
Riggs, Alger S., assignor of one-third to J. B. Brady, Washington, D. C. Nonhunting angular control system. 2,172,410; Sept. 12.
Riggs, Alger S., assignor of one-third to J. B. Brady, Wahington, D. C. Angular positional control system. 2,176,101; Oct. 17.
Riggs, Alger S., assignor of one-third to J. B. Brady, Washington, D. C. Lag compensator for electrical control systems. 2,176,102; Oct. 17.
Riggs, Amalia de M., et al. (See de Murguiondo, Jose H., assignor.)
Riggs, Homer C., North Andover, assignor to Riggs & Lombard, Inc., Lowell, Mass. Fulling mill. 2,144,934; Jan. 24.
Riggs & Lombard, Inc. (See Riggs, Homer C., assignor.)
Riggs, Thomas C. (See Morris, A. G., and Riggs.)
Riggs, Walter S., Haddon Heights, N. J., and C. W. Burkhart, Lansdowne, assignors to Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Manufacture of sodium silicate detergents. 2,175,781; Oct. 10.
Rightmyer, George F., Gouglersville, Pa. Internal combustion engine compression control. 2,146,230; Feb. 7.
Rightmyer, Holden W., assignor to The American Swiss Company, Toledo, Ohio. Vehicle door latch. 2,153,699; Apr. 11.
Rightmyer, Holden W., assignor to The American Swiss Company, Toledo, Ohio. Latch for automobile doors. 2,178,530; Oct. 31.
Rightmyer, Holden W., assignor to The American Swiss Company, Toledo, Ohio. Vehicle door latch. 2,179,352; Nov. 7.
Rigler, Rudolf. (See Lautenschlager, C. L., Lindner, Rigler, and Schaumann, assignors.)
Rigor, Guy L., Oswego, assignor to St. Regis Paper Company, New York, N. Y. Powder propeller. 2,181,205; Nov. 28.
Rihn, Edward D., Ford City, and E. D. Odenbaugh, Jr., Wilkinsburg, Pa., assignor, by mesne assignments, to C. E. Gross. Vulcanizer. 2,155,906; Apr. 25.
Riise, John, Doylestown, Ohio. Power plant. 2,171,994; Sept. 5.
Rikard, Aiken L. (See Jackson, William R., assignor.)
Rike, Frederick F., assignor to Buckeye Iron & Brass Works, Dayton, Ohio. Fill box. 2,183,282; Dec. 12.
Rike, Frederick F., and H. W. Webb, assignors to Buckeye Iron & Brass Works, Dayton, Ohio. Tank cap and vent valve. 2,159,178; May 23.
Rike, Richard C. (See Rasmussen, O., and Rike.)
Rike, Richard C., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Hydraulic brake. 2,175,447; Oct. 10.
Rike, Theodore R. (See Keiser, C. R., and Rike.)
Riken Almite Kogyo Kabushiki Kaisha. (See Negata, Kenzo, assignor.)
Riken Arumaitokogyo Kabushiki Kaisha. (See Yasoshima, Yakichi, assignor.)
Rikerd Lumber Company. (See Shafer, Alvin O., assignor.)
Rikof, Olof N., Broxbourne, Herts, England. Tool holder. 2,160,369; May 30.
Riley, Albert C., Melrose, assignor to Cambridge Rubber Co., Cambridge, Mass. Rubber shoe welting. 2,161,902; June 13.
Riley, Amand C., et al. (See Burton, E. F., assignor.)
Riley, Bradford C., Medfield, Mass. Apparatus for and method of treating wire fabrics. 2,175,066; Oct. 3.
Riley, Henry B., et al. (See Burton, E. F., assignor.)
Riley, J. A., Co. (See Coughlin, Thomas B.)
Riley, James A., et al. (See Coughlin, Thomas B., assignor.)
Riley, John F., et al. (See Burton, E. F., assignor.)
Riley, John P. (See Munson, E. S., Patlak, and Riley.)
Riley, Joseph W., and M. Turton, Guatemala City, Guatelmala. Boiler compound dispenser. 2,183,125; Dec. 12.
Riley, Ralph E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Making a sponge rubber article. 2,167,999; Aug. 1.
Riley, Ray, Long Island City, assignor to The Permutit Company, New York, N. Y. Making carbonaceous zeolites. 2,170,065; Aug. 22.
Riley, Reginald H. J. (See Addy, C. W., and Riley.)
Riley, Robert M., Dayton, Ohio. Display device. 2,177,947; Oct. 31.
Riley Stoker Corporation. (See Hall, F. B., Treat, and Walton, assignors.)
Riley Stoker Corporation. (See Kuhner, Max H., assignor.)
Riley Stoker Corporation. (See Kyes, John F., assignor.)
Riley Stoker Corporation. (See Kyes, J. F., and Hastedt, assignors.)
Riley Stoker Corporation. (See Nahigyan, Kevork K., assignor.)
Riley Stoker Corporation. (See Nahigyan, K. K., and Andrews, assignors.)
Riley, T. J., et al. (See Burton, E. F., assignor.)
Rilling-Arnao Company. (See Rilling, Paul C., assignor.)
Rilling, Paul C., assignor to Rilling-Arnao Company, Minneapolis, Minn. Heater for permanent wave apparatus. 2,155,616; Apr. 25.
Rima A. G. (See Sklenar, Ignaz, assignor.)
Rimbach, Henry W. (See Snyder, F. H., and Rimbach.)
Rimberg, Harry, Brooklyn, N. Y. Intermittent gauge control for constantly operating machines. 2,145,574; Jan. 31.
Rimpila, Charles. (See Stresen-Reuter, F. A., and Rimpila.)
Rindfleisch, Arthur G., Brooklyn, assignor to Remington Rand Inc., Buffalo, N. C. Sorter. 2,165,415; July 11.
Rindge, Fulton, Longmeadow, Mass. Winding drum for reels. 2,152,282; Mar. 28.
Rineer, Arthur E., and H. G. Dybvig, assignors, by mesne assignments, to The Dayton Laboratories Corporation, Dayton, Ohio. Buckle. 2,156,870; May 2.
Rinehart, Elizabeth S., New York, N. Y. Lady's handbag. 2,182,879; Dec. 12.
Rinehart, Joseph H., Fort Lee, N. J. Oil case draining and cleaning apparatus. 2,158,914; May 16.
Rinelli, William R. (See Walker, W. O., and Rinelli.)
Riner, William B., Cincinnati, Ohio. Holder and circuit opener for safety water lights. 2,148,323; Feb. 21.
Riney, Arthur H., and L. T. Gibbs, assignors to Phillips Petroleum Company, Bartlesville, Okla. Apparatus for blending liquids. 2,145,132; Jan. 24.
Riney, Arthur H., and L. T. Gibbs, assignors to Phillips Petroleum Company, Bartlesvill, Okla. Apparatus for blending liquids. 2,145,133; Jan. 24.
Riney, Arthur H., and M. O. Johnson, Bartlesville, Okla., assignors to Phillips Petroleum Company. Sinking shafts. 2,179,077; Nov. 7.
Rinfret, Maurice, Sunnyside, Long Island, N. Y. Tire pressure regulator and automatic pumping mechanism. 2,161,384; June 6.
Ring, Douglas H., Little Silver, and W. T. Wintringham, Chatham, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Oscillation generator. 2,165,509; July 11.
Ring, Joseph E. (See Abbott, E. J., and Ring.)
Ring, Joseph J., Wauwatosa, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Propeller type hydraulic machine. 2,145,805; Jan. 31.
Ringel, Herman, Newark, N. J. Method and apparatus for tearing corrugated paper. 2,149,869; Mar. 7.
Ringer, Chauncey L., Highland, Ohio. Hog feeder. 2,168,745; Aug. 8.
Ringer, Ferdinand, Vienna, Austria. Solid fuel for lighters. 2,161,385; June 6.
Ringer, Ferdinand, Vienna, Austria. Cigar lighter. 2,161,386; June 6.
Ringgenberg, Edward A., Lytton, Iowa. Pumping apparatus. 2,159,179; May 23.
Ringius, John K., San Francisco, Calif. Dust collector. 2,153,026; Apr. 4.

Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Container. 2,160,488; May 30.
Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Container. 2,163,703; June 27.
Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Carton. 2,164,346; July 4.
Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Container for tubes and bulbs. 2,165,070; July 4.
Ringler, William A., Wayne, Pa., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Wrapping packages. 2,168,583; Aug. 8.
Ringler, William A., Wayne, Pa., assignor to National Folding Box Company, New Haven, Conn. Container. 2,176,944; Oct. 24.
Ringman, Paul, St. Albans, N. Y. Plaster mixing cup. 2,165,679; July 11.
Rinia, Herre. (See Alexander, J. W., and Rinia.)
Rinkenbach, William H., and H. A. Aaronson, Dover, N. J. Explosive. 2,167,679; Aug. 1.
Rinks, James R., Nashville, Tenn. Grade crossing traffic control. 2,169,926; Aug. 15.
Rinn, Irwin C., Chicago, Ill. Rack for photographic films, and the like. 2,181,206; Nov. 28.
Rinne, Albert, Berlin-Charlottenburg, Germany. Manufacturing caffeine-containing chocolate. 2,155,148; Apr. 18.
Rinnman, Harry, Berwyn, assignor to Universal Mantle, Inc., Brookfield, Ill. Incandescent mantle. 2,158,304; May 16.
Rinnman, Harry, Berwyn, assignor to Universal Mantle, Inc., Brookfield, Ill. Mantle support. 2,175,316; Oct. 10.
Rintelman, William L. (See Prahl, M. A., and Rintelman.)
Rintelman, William L., Carrollville, and W. Dettwyler, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of dyestuffs and intermediates of the anthraquinone series. 2,164,784; July 4.
Rio, Clarence, Tyler, Pa. Fastener for shoelaces. 2,164,123; June 27.
Riordan, John M., Detroit, Mich. Worm polishing machine. 2,142,415; Jan. 3.
Ripke, Otto, and K. Döttl, Wuppertal-Elberfeld, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Stable products shortening the bleeding period. 2,162,863; June 20.
Ripley, David W., Oakland, assignor of one-half to A. M. Blumer, Hillsborough, Calif. Automatic weighing apparatus. 2,177,997; Oct. 31.
Ripp, Joseph D., et al. (See Gorick, Frank G., assignor.)
Rippe, John R., Fresno, Calif. Vehicle brake equalizer. 2,146,193; Feb. 7.
Rippey, Hugh F., Auburn, and T. W. Dike, assignors to I. F. Laucks, Inc., Seattle, Wash. Treatment of porous materials and product thereof. 2,150,188; Mar. 14.
Rippingille, Edward V., assignor to General Motors Corporation, Detroit, Mich. Starting means for internal combustion engines. 2,142,210; Jan. 3.
Rippingille, Edward V., assignor to General Motors Corporation, Detroit, Mich. Piston cooling arrangement. 2,183,031; Dec. 12.
Rippl, Charles H., assignor to The Clark Controller Company, Cleveland, Ohio. Pneumatically operated electric contactor. 2,168,629; Aug. 8.
Rippl, Charles H., assignor to The Clark Controller Company, Cleveland, Ohio. Periodic pressure control for electric timing switches. 2,172,015; Sept. 5.
Rippl, Charles H., assignor to The Clark Controller Company, Cleveland, Ohio. Pressure control pneumatically operated switch. 2,172,261; Sept. 5.
Rippl, Charles H., assignor to The Clark Controller Company, Cleveland, Ohio. Timing control for pneumatically operated switches. 2,180,171; Nov. 14.
Risberg, Johannes V. M., Sodertalje, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal separator. 2,174,169; Sept. 26.
Risdon Manufacturing Company, The. (See Noyack, Edward, assignor.)
Risdon Manufacturing Company, The. (See Noyack, E., and Peterson, assignors.)
Riseley, Vernon D. (See Coppel, C. R., Morse, and Riseley.)
Rissane, August, Berkley, Mich. Lifting jack. 2,182,705; Dec. 5.
Risser, Arthur I., assignor to U. S. Bottlers Machinery Company, Chicago, Ill. Closure applying machine. 2,180,836; Nov. 21.
Rissinger, Frank, Columbia, Pa. Douche nozzle. 2,157,802; May 9.
Rissman, Paul, assignor to W. and B. Jaekel and W. W. Wutzke, doing business as Jakel Company, Detroit, Mich. Fountain brush. 2,143,712; Jan. 10.
Rist, Hans, Johannisthal, Germany, assignor to General Electric Company. Screening for electric cables. 2,150,783; Mar. 14.
Ristau, Ernest, Davenport, Iowa. Harvester attachment. 2,152,920; Apr. 4.
Ristow, Edwin H., Oshkosh, Wis. Baseball chart 2,145,664; Jan. 31.
Riszdorfer, Ödön, Budapest, Hungary. Apparatus for automatically determining the exposure in photographic apparatus. Re. 21,210; Sept. 19.
Riszdorfer, Ödön, Budapest, Hungary. Photographic camera built integral with an electric exposure meter. 2,167,053; July 25.
Riszdorfer, Ödön, Budapest, Hungary. Photographic film camera with electric exposure meter built in. 2,169,927; Aug. 15.
Rit Products Company. (See Citron, William, assignor.)
Rit Products Corporation. (See Kritchevsky, Wolf, assignor.)
Ritchie, Charles F., and L. G. Black, assignors to American Potash & Chemical Corporation, Trona, Calif. Producing caustic borate products. 2,146,093; Feb. 7.
Ritchie, David M. (See Schoepf, T. H., and Ritchie.)
Ritchie, Patrick D., D. T. Jones, and R. Burns, Saltcoats, Scotland, assignors to Imperial Chemical Industries Limited. Manufacture of derivatives of unsaturated acids. 2,183,357; Dec. 12.
Ritchie, Roy S., Newark, N. J., assignor to Celluloid Corporation. Stiffening sheet material. 2,173,861; Sept. 26.
Ritchie, W. C., and Company. (See Stock, Julius A., assignor.)
Ritchie, William H., et al. (See Hainsworth, Arthur S., assignor.)
Rite-Rite Mfg. Co. (See Hasselquist, Hugo S., assignor.)
Rittenhouse, A. E., Co. (See Rittenhouse, Arthur E., assignor.)
Rittenhouse, A. E., Co., The. (See Rittenhouse, Arthur E. and L., assignors.)
Rittenhouse, A. E., Co., The. (See Rittenhouse, Lloyd, assignor.)
Rittenhouse, Arthur E., assignor to The A. E. Rittenhouse Co., Inc., Honeoye Falls, N. Y. Transformer. 2,156,461; May 2.
Rittenhouse, Arthur E. and L., assignors to The A. E. Rittenhouse Co., Inc., Honeoye Falls, N. Y. Signal device. Re. 21,181; Aug. 22.
Rittenhouse, Henry J., assignor of one-half to F. H. Barth, Philadelphia, Pa. Rubber product. 2,156,871; May 2.
Rittenhouse, Lloyd. (See Rittenhouse, Arthur E. and L.)
Rittenhouse, Lloyd, assignor to The A. E. Rittenhouse Co., Inc., Honeoye Falls, N. Y. Signal device. 2,147,498; Feb. 14.
Rittenhouse, Lloyd, assignor to The A. E. Rittenhouse Co., Inc., Honeoye Falls, N. Y. Signal device. 2,164,839; July 4.
Rittenhouse, Lloyd, assignor to The A. E. Rittenhouse Co., Inc., Honeoye Falls, N. Y. Signal device. 2,169,770; Aug. 15.
Ritter, Carl A., Chicago, Ill. Container. 2,143,250; Jan. 10.
Ritter, Gerhard. (See Eckell, J., and Ritter.)
Ritter, Harry A., Chicago, Ill., assignor to The American Laundry Machinery Company, Norwood, Ohio. Press and control therefor. 2,146,270; Feb. 7.
Ritter, Heinrich. (See Zerweck, W., and Ritter.)
Ritter, Isaac B., assignor of one-half to F. T. Ray, Philadelphia, Pa. Antisyphoning trap for plumbing fixtures. 2,170,390; Aug. 22.
Ritter, John C., Los Angeles, Calif. Scoop. 2,164,429; July 4.
Ritter, Richard M. (See Michaelis, Heinrich, Jr., assignor.)
Ritter, Saul, Far Rockaway, N. Y., assignor, by mesne assignments, to The Hadley Company, Inc., Providence, R. I. Bracelet connector. 2,160,316; May 30.
Ritterholz, Clifford E., assignor of one-half to F. G. Cain, Cincinnati, Ohio. Line justification method and means for typewriting machines. 2,162,565; June 13.
Rittler, Karl W., and W. Gündel, assignors to Chemische Fabrik von Heyden, A. G., Radebeul, near Dresden, Germany. Heat transfer medium. 2,149,789; Mar. 7.
Ritts, Arch V. (See Olson, O. R., and Ritts.)
Ritts, Arch V., Allison Park, and O. R. Olson, Swissvale, assignors to Pennsylvania Industrial Engineers, Pittsburgh, Pa. Bell type annealing furnace. 2,144,742; Jan. 24.
Ritz, John A. (See De Bats, J. H. L., and Ritz.)
Ritzerfeld, Wilhelm, Berlin, Germany. Stop device for movable parts on rotary reprinting machines. 2,168,717; Aug. 8.
Ritzert, Norman J. (See Freedlander, A. L., and Ritzert.)
Ritz-Woller, Oliver C., Chicago, Ill. Rear view mirror. 2,161,433; June 6.
Ritz-Woller, Oliver C., Chicago, Ill. Electric iron and stand therefor. 2,163,704; June 27.
Ritz-Woller, Oliver C., Chicago, Ill. Mounting means for flares. 2,177,747; Oct. 31.
Ritz-Woller, Oliver C., Chicago, Ill. Combination truck mirror and clearance lamp device. 2,180,610; Nov. 21.
Rival Manufacturing Company. (See Lee, Harry A.)
Rival Manufacturing Company. (See Majewski, Joseph M., Jr., assignor.)
Rival Manufacturing Company. (See Rupert, R., and Majewski.)
Rivard, Charles A., Providence, R. I., assignor to Reed & Barton, Taunton, Mass. Hot liquid container. 2,171,322; Aug. 29.

Rivard, Joseph, Montauban-les-Mines, Quebec, assignor of one-half to A. Gravel, Quebec, Quebec, Canada. Adjustable door. 2,159,403; May 23.
Rivat, Georges, Lyon, France, assignor to H. Dreyfus, London, England. Production of effect fabrics. 2,182,321; Dec. 5.
Rivenburgh, Frederick L., Springfield, Ohio. Egg testing method and machine. 2,149,686; Mar. 7.
River Raisin Paper Company. (See Reaume, Lawrence W., assignor.)
Rivers, Durward S., Indianapolis, Ind. Electric circuit interrupter. 2,147,754; Feb. 21.
Rivers, Durward S., Indianapolis, Ind., deceased; K. Rivers, administratrix. Reset thermal switch. 2,183,518; Dec. 12.
Rivers, John, Virginia, Minn. Holder for chips and playing cards. 2,149,687; Mar. 7.
Rivers, Kathryn. (See Rivers, Durward S.)
Riverside Company. (See Scharf, Lou, assignor.)
Riverside Manufacturing Company. (See Langan, T. M., and Condit, assignors.)
Rives, Walter L. (See Bass, R. F., and Rives.)
Riviere, Albert S. (See Thompson, C. S., Kucera, and Riviere.)
Riviere, Henri, assignor to Compagnie des Avions Hanriot, Paris, France. Aerodynamic flap for slotted wings for aircraft. 2,152,974; Apr. 4.
Rivière, Henri, Paris, France, assignor to Compagnie des Avions Hanriot. Lateral control surfaces of airplanes. 2,156,403; May 2.
Rivington, Arthur A. (See Bennion, L. H., and Rivington.)
Rivington, Arthur A., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Sole-fitting machine. 2,167,054; July 25.
Rivkin, Joseph, Pittsburgh, Pa., assignor to The Neville Company. Resin production. 2,156,126; Apr. 25.
Rivkin, Menahem, New York, N. Y. Advertising and educational device. 2,149,363; Mar. 7.
Rix, Henry H. (See Kerr, A. O., and Rix.)
Rixson, Oscar C., Co., The. (See Garrison, Forrest C., assignor.)
Riza, Tom H., Cleburne, Tex. Sweet-feed mixer. 2,164,257; June 27.
Roach, Edmund J., Beaumont, Tex. Blow-out preventer for casing heads. 2,175,648; Oct. 10.
Roach, Jesse E., New York, and H. C. Lohrman, Brooklyn, N. Y., assignors to Cold Pack Container, Inc., Edgewater, N. J. Seal for containers. 2,146,988; Feb. 14.
Roach, Jesse E., New York, and H. C. Lohman, Brooklyn, N. Y., assignors to Cold Pack Container, Inc., Edgewater, N. J. Container and seal therefor. 2,154,214; Apr. 11.
Road, Richard A., and S. S. Green, assignors to Duncan Electric Manufacturing Company, La Fayette, Ind. Interchangeable meter base. 2,154,411; Apr. 11.
Roadfuss, John P., assignor to Philstan Products Company, Philadelphia, Pa. Slider for hookless fasteners. 2,171,455; Aug. 29.
Roan, Carl M., O. E. Kaupang, and A. W. Rohlen, Minneapolis, Minn., assignors to Beacon Safety Signal Co. Direction turn indicator for vehicles. 2,144,813; Jan. 24.
Roan, Carl M., O. E. Kaupang, and A. W. Rohlen, Minneapolis, Minn., assignors to Beacon Safety Signal Co. Direction turn indicator for vehicles. 2,155,617; Apr. 25.
Roan, Carl M., O. E. Kaupang, and A. W. Rohlen, Minneapolis, Minn., assignors to Beacon Safety Signal Co. Direction turn indicator for vehicles. 2,183,622; Dec. 19.
Roane, Arden E. (See Lehman, R. E., and Roane.)
Roark, Henry H., Sac City, Iowa. Refrigerator. 2,182,003; Dec. 5.
Robaczynski, Ladislaus, Brooklyn, N. Y. Carriage rail support for knitting machines. 2,145,837; Jan. 31.
Robaczynski, Ladislaus, Brooklyn, N. Y. Needle jack pusher. 2,147,923; Feb. 21.
Robarge, Floyd J., assignor of one-half to P. Prevot, Gloversville, N. Y. Snow removal apparatus. 2,175,542; Oct. 10.
Robatel, Georges. (See Argant, H., Chanay, and Robatel.)
Robb, John F., Cleveland Heights, Ohio. Machine for making frozen confections or the like. 2,155,990; Apr. 25.
Robb, John F., Cleveland Heights, Ohio. Confection and novelty toy. 2,156,482; May 2.
Robb, Joseph E. (See Kingsland, G. D., and Robb.)
Robb, Wilbur A., Huntington Park, Calif. Electrode holder. 2,183,846; Dec. 19.
Robbins, Brewster G., assignor to H. S. Powell, Utica, N. Y. Baffle plate for mufflers. 2,179,054; Nov. 7.
Robbins, Carl B., Stanford University, Calif., assignor to Calaveras Cement Company. Building construction. 2,172,051; Sept. 5.
Robbins, Carl B., Stanford University, Calif., assignor to Calaveras Cement Company. Building construction. 2,172,052; Sept. 5.
Robbins, Carl B., Stanford University, Calif., assignor to Calaveras Cement Company. Building block. 2,172,053; Sept. 5.
Robbins, Charles F. (See Putnam, C. A., and Robbins.)
Robbins, Charles W., Cleveland Heights, assignor to The Bryant Heater Company, Cleveland, Ohio. Fuel burning apparatus. 2,178,703; Nov. 7.
Robbins Conveying Belt Company. (See Snow, Frederick O., Jr., assignor.)
Robbins, Crawford S., Detroit, Mich. Headlight mechanism. 2,142,457; Jan. 3.
Robbins, David S., Hamden, Conn., and E. G. Steuber, Philadelphia, Pa., assignors to The American Steel and Wire Company of New Jersey. Stranding machine spool mounting. 2,177,812; Oct. 31.
Robbins, Elwin A., Nashua, N. H. Milling cutter. 2,183,922; Dec. 19.
Robbins, Marl M., Fredonia, Kans. Signal or direction indicating light. 2,176,546; Oct. 17.
Robbins, Martin V., assignor of one-fourth to N. R. McAllister and one-fourth to C. D. Johnson, Sacramento, Calif. Clothes pin. 2,158,592; May 16.
Robbins, Samuel B., Boise City, Okla., and M. P. Scholl, Ellensburg, Wash.; said Robbins assignor of one-half to said Scholl. Engine. 2,169,289; Aug. 15.
Röber, Constantin F., assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Mueller & Co., Dresden, Germany. Cigar making machine. 2,156,922; May 2.
Röber, Constantin F., and E. Röthig, assignors to "Universelle" Cigarettenmaschinen-Fabrik, J. C. Muller & Co., Dresden, Germany. Apparatus for forming cigar tips. 2,169,166; Aug. 8.
Robert, Albert A. (See Brooks, H. D., and Roberts.)
Robert, André, Evreux, France. Apparatus for publicity. 2,149,551; Mar. 7.
Robert, Augusta E., Oakland, Calif. Signal light. 2,159,636; May 23.
Robert, Lillian, et al., executors. (See Sence, Victor.)
Robert, Ramón Casas, Barcelona, Spain. Portable casing transformable into a table for sewing machines. 2,148,645; Feb. 28.
Robert, Ramón C., Barcelona, Spain. Automatic coupling for sewing machines. 2,173,286; Sept. 19.
Roberts, Bernard, Auckland, New Zealand. Display sign. 2,155,618; Apr. 25.
Roberts, Bruce, Hollywood, Calif., assignor to Breene-Taylor Engineering Corp. Motor powered bicycle. 2,173,956; Sept. 26.
Roberts, Bruno R. (See Sommer, V., Roberts, and Faust.)
Roberts, Carey W., Jacksonville, Fla. Rod and reel stabilizer. 2,146,350; Feb. 7.
Roberts, Charles. (See Wales, N. B., and Roberts.)
Roberts, Charles, assignor, by mesne assignments, to Advertising Machines Corporation, New York, N. Y. Display device. 2,155,619; Apr. 25.
Roberts, Charlie W. (See Roberts, Louie A., assignor.)
Roberts, Claude M., Kinsley, Kans. Flood operated signal device. 2,184,605; Dec. 26.
Roberts, Cushman & Company. (See Roberts, Edward, Jr., assignor.)
Roberts, Daniel A., Chicago, Ill. Actuating means for typewriters and other mechanisms. 2,168,886; Aug. 8.
Roberts, Donald, Battle Creek, Mich. Electric heating mechanism. 2,154,184; Apr. 11.
Roberts, Dudley, assignor to Rubatex Products, Inc., New York, N. Y. Refrigerator. 2,145,892; Feb. 7.
Roberts, Dudley, assignor to Rubatex Products, Inc., New York, N. Y. Continuous molding device. 2,176,945; Oct. 24
Roberts, Dudley, New York, N. Y., and J. S. Reid, Cleveland, Ohio, assignors to Rubatex Products, Inc., New York, N. Y. Manufacturing cellular rubber sheets. 2,158,086; May 16.
Roberts, Dudley, New York, N. Y., and L. S. Cooper, Bedford, Va., assignors to Rubatex Products, Inc., New York, N. Y. Hard expanded rubber. 2,176,946; Oct. 24.
Roberts, Dwight, et al. (See Wheat, William G., assignor.)
Roberts, Earl W., and T. L. Ferrall, Detroit, Mich., assignors, by mesne assignments, to The Bryant Heater Company, Cleveland, Ohio. Safety control and ignition means for multiple gas burners. 2,164,887; July 4.
Roberts, Edward, Jr., Hohokus, N. J., assignor to Roberts, Cushman & Company, New York, N. Y. Printing and embossing machine. 2,179,233; Nov. 7.
Roberts, Edward F., Rye, assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Fabric for shoes. 2,144,689; Jan. 24.
Roberts, Edward F., Rye, assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Shoe embodying stretchable leather in its construction. 2,184,082; Dec. 19.
Roberts, Edward F., Rye, N. Y., and A. G. McKinnon, Montreal, Quebec, Canada, assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Making an article of footwear. 2,158,153; May 16.
Roberts, Elliott J., Westport, Conn. Manufacture of barium sulphate. 2,161,652; June 6.
Roberts, Elliott J., Westport, Conn., and R. W. Shafor, New York, N. Y. Manufacture of finely divided precipitates. 2,161,651; June 6.
Roberts, Eugene, Hastings, N. Y., assignor to The Western States Machine Company, Salt Lake City, Utah. Centrifugal apparatus. 2,145,633; Jan. 31.
Roberts, Eugene, Hastings, assignor to The Western States Machine Company, New York, N. Y. Centrifuging sugar. 2,175,995; Oct. 10.

Roberts, Eugene, Hastings, assignor to The Western States Machine Company, New York, N. Y. Processing white sugar. 2,175,996; Oct. 10.
Roberts, George, Jr. (See Keith, P. C., Jr., Robinson, and Roberts.)
Roberts, Gerald J., Quanah, and W. H. Edmonds, Goodlett, Tex.; said Edmonds assignor to W. N. Price. Wind operated electric generator. 2,153,523; Apr. 4.
Roberts, Glyn P., Birmingham, England, assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,156,127; Apr. 25.
Roberts-Gordon Appliance Corporation. (See Gordon, William S., Jr., assignor.)
Roberts-Gordon Appliance Corporation. (See Thompson, W. D., and Gordon, assignors.)
Roberts, Hardy, Austin, and C. H. Robertson, Fort Worth, Tex. Valve. 2,151,442; Mar. 21.
Roberts, Henry T., assignor to J. P. Seeburg Corporation, Chicago, Ill. Radio cabinet. 2,160,283; May 30.
Roberts, Henry T., assignor to J. P. Seeburg Corporation, Chicago, Ill. Radio cabinet. 2,160,284; May 30.
Roberts, Horace L., Yonkers, N. Y. Dispensing device. 2,146,316; Feb. 7.
Roberts, Inez M., Rapid City, S. Dak. Combined carrying and pouring appliance for thermos bottles and the like. 2,161,935; June 13.
Roberts, Jacob W., Memphis, Tenn. Casket-top holder. 2,156,872; May 2.
Roberts, James H., Osceola, Ark. Spring shackle assembly. 2,183,923; Dec. 19.
Roberts, John, assignor to The Collis Company, Clinton, Iowa. Egg candler and stamper. 2,167,853; Aug. 1.
Roberts, John A., New York, N. Y. Siphon and theft-proof gas tank cover. 2,147,755; Feb. 21.
Roberts, John J., Louisville, Ky. Internally cushioned tool-and-chuck lock for power hammers. 2,181,381; Nov. 28.
Roberts, Joseph K., Flossmoor, J. H. Forrester, and R. J. Diwoky, assignors to Standard Oil Company, Chicago, Ill. Processing hydrocarbon oils. 2,175,362; Oct. 10.
Roberts, Louie A., assignor of one-third to C. W. Roberts, Jackson, Miss. Latch mechanism. 2,167,324; July 25.
Roberts, Martin J. (See Freeman, R. D., and Roberts.)
Roberts, Milton. (See Hughes, Robert H. S., assignor.)
Roberts, Oscar L., Ardmore, assignor to The Atlantic Refining Company, Philadelphia, Pa. Countercurrent treatment of hydrocarbon oil. 2,151,529; Mar. 21.
Roberts, Owen W., Oak Park, assignor to The Casement Hardware Co., Chicago, Ill. Casement window latch. 2,175,485; Oct. 10.
Roberts, Paul, assignor to The Hinde & Dauch Paper Company, Sandusky, Ohio. Display container. 2,168,240; Aug. 1.
Roberts & Porter, Inc. (See Grembecki, Elmer C., assignor.)
Roberts, Richard G. (See Miller, C. O., and Roberts.)
Roberts, Richard S., Shaker Heights, Ohio, assignor, by mesne assignments, to E. I. du Pont de Nemours & Company. Making insoluble anhydrite. 2,151,331; Mar. 21.
Roberts, Samuel J., Scranton, Pa. Desk cover. 2,163,985; June 27.
Roberts and Schaefer Company. (See Stump, Earl, assignor.)
Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Combined automatic volume and tone control. Re. 21,018; Feb. 28.
Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Phase shifting network. 2,143,386; Jan. 10.
Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Automatic volume control circuits. 2,144,935; Jan. 24.
Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Transmission line system. 2,150,246; Mar. 14.
Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Oscillator and frequency multiplier. 2,151,332; Mar. 21.
Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Impedance matching coupling system. 2,153,776; Apr. 11.
Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Velocity measuring device. 2,157,572; May 9.
Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Electron discharge device circuit. 2,168,782; Aug. 8.
Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Oscillation generation system. 2,169,374; Aug. 15.
Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Transmission of waves with rotary polarization. 2,174,353; Sept. 26.
Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Method of and means for coupling two high frequency circuits. 2,175,363; Oct. 10.
Roberts, Walter V., Princeton, N. J., assignor to Radio Corporation of America. Electronic indicating device. 2,175,700; Oct. 10.
Roberts, Walter V., Bronxville, N. Y., assignor to Radio Corporation of America. Coupling arrangement for amplifiers and repeaters. 2,159,944; May 23.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Automatic selectivity control circuits. 2,179,956; Nov. 14.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Wave limiter circuit. 2,182,322; Dec. 5.
Roberts, Walter van B., Princeton, N. J., assignor to Radio Corporation of America. Wave transmission circuits. 2,184,400; Dec. 26.
Roberts, William, Oswego, assignor to The Diamond Match Company, New York, N. Y. Mechanism for assembling match packets and the like. 2,182,880; Dec. 12.
Roberts, William S., Anderson, Ind. Engine choke. 2,171,008; Aug. 29.
Roberts, William T. B., Leicester, England, assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe machine. 2,167,056; July 25.
Robertshaw Thermostat Company. (See Newell, Robert E., assignor.)
Robertshaw, Thomas H., Cardiff, Wales. Device for delivering a measured quantity of liquid from a bottle or like container. 2,156,606; May 2.
Robertson, Arthur F. (See Dunham, Le R. S. and Robertson.)
Robertson, Arthur F., Belleville, assignor to Edison-Splitdorf Corporation, West Orange, N. J. Adjustable coupling. 2,161,956; June 13.
Robertson, Charles E. (See Malott, A. L., and Robertson.)
Robertson, Charles H. (See Roberts, H., and Robertson.)
Robertson, Delmar D., Lansdowne, assignor to Wilkening Manufacturing Company, Philadelphia, Pa. Piston peening machine. 2,172,411; Sept. 12.
Robertson, Delmar D., Lansdowne, and G. L. Briggs, Bryn Mawr, assignors to Wilkening Manufacturing Company, Philadelphia, Pa. Packing device. 2,157,865; May 9.
Robertson, Delmar D., Lansdowne, and G. L. Briggs, Bryn Mawr, assignors to Wilkening Manufacturing Company, Philadelphia, Pa. Valve stem packing. 2,157,866; May 9.
Robertson, Delmar D., Lansdowne, and G. L. Briggs, Bryn Mawr, assignors to Wilkening Manufacturing Company, Philadelphia, Pa. Valve stem packing. 2,157,867; May 9.
Robertson, Delmar D., Lansdowne, and G. L. Briggs, Bryn Mawr, assignors to Wilkening Manufacturing Company, Philadelphia, Pa. Packing valve stems and apparatus. 2,157,868; May 9.
Robertson, E. Cameron, Oklahoma City, Okla. Clothes hanging apparatus. 2,166,771; July 18.
Robertson, Edwin A., Detroit, Mich., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Ignition manifold cable. 2,166,420; July 18.
Robertson, Eugen C., and B. R. Hamman, assignor to Decatur Garment Company, Decatur, Ill. Woman's dress. 2,157,460; May 9.
Robertson, George L. (See O'Neill, F., and Robertson.)
Robertson, Gilbert, Benoni, Transvaal, assignor to E. J. Rocher, Johannesburg, Transvaal, Union of South Africa. Battery isolating switch suitable for use with internal combustion engines. 2,158,428; May 16.
Robertson, H. H., Company. (See Black, George E., assignor.)
Robertson, H. H., Company. (See Hubbell, Dean S., assignor.)
Robertson, H. H., Company. (See Young, James H., assignor.)
Robertson, H. H., Company. (See Young, J. H., and Jenkins, assignors.)
Robertson, Hayes, Chicago, assignor to The Translode Joint Company, Chicago Heights, Ill. Road guard fence. 2,164,084; June 27.
Robertson, Harold F., Coraopolis, Pa., assignor to Carbide and Carbon Chemicals Corporation. Polyvinyl acetal resins. 2,162,678; June 13.
Robertson, Harold F., Coraopolis, Pa., assignor to Carbide and Carbon Chemicals Corporation. Polyvinyl acetal resins. 2,162,679; June 13.
Robertson, Harold F., Coraopolis, Pa., assignor to Carbide and Carbon Chemicals Corporation. Polyvinyl acetal resins. 2,162,680; June 13.
Robertson, Isaac W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Marginal reinforcing for treads. 2,150,105; Mar. 7.
Robertson, James A. (See Grupe, H. L., Robertson, and Moran.)
Robertson, Robert R. (See Cernhouz, J. B., assignor.)
Robertson, Robert R. (See Sussin, M., assignor.)
Robertson, Robert R., Chicago, Ill. Road traffic lane divider. 2,153,392; Apr. 4.
Robertson, Robert R., Chicago, assignor to The Translode Joint Company, Chicago Heights, Ill. Road reflector. 2,142,803; Jan. 3.
Robertson, Robert R., Chicago, assignor to The Translode Joint Company, Chicago Heights, Ill. Road expansion joint. 2,144,814; Jan. 24.
Robertson, Robert R., assignor to The Translode Joint Company, Chicago, Ill. Longitudinal or center joint and method of road widening. 2,144,815; Jan. 24.
Robertson, Robert R., Chicago, assignor to The Translode Joint Company, Chicago Heights, Ill. Road contraction joint. 2,145,951; Feb. 7.

Robertson, Robert R., Chicago, assignor to The Translode Joint Company, Chicago Heights, Ill. Road joint end seal. 2,147,269; Feb. 14.
Robertson, Robert R., Chicago, assignor to The Translode Joint Company, Chicago Heights, Ill. Expansion joint and cap. 2,149,466; Mar. 7.
Robertson, Robert R., Chicago, assignor to The Translode Joint Company, Chicago Heights, Ill. Center joint. 2,149,467; Mar. 7.
Robertson, Robert R., Chicago, assignor to The Translode Joint Company, Chicago Heights, Ill. Road seal. 2,153,393; Apr. 4.
Robertson, Robert R., Chicago, assignor to The Translode Joint Company, Chicago Heights, Ill. Transverse road joint. 2,153,394; Apr. 4.
Robertson, Robert R., Chicago, assignor to The Translode Joint Company, Chicago Heights, Ill. Road joint. 2,158,637; May 16.
Robertson, Robert R., Chicago, assignor to The Translode Joint Company, Chicago Heights, Ill. Road guard fence. 2,160,519; May 30.
Robertson, Robert R., Chicago, assignor to The Translode Joint Company, Chicago Heights, Ill. Road guard fence. 2,160,520; May 30.
Robertson, Robert R., assignor to The Translode Joint Company, Chicago, Ill. Expansion joint with asphalt and copper seal. 2,172,773; Sept. 12.
Robertson, William H., assignor to The National Cash Register Company, Dayton, Ohio. Transfer of totals for cash registers. 2,178,362; Oct. 31.
Robertson, William J., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Glass edging machine. 2,160,085; May 30.
Robertson, William W., Northboro, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Tipping motion for Axminster looms. 2,169,327; Aug. 15.
Robertson, William W., Northboro, assignor to Crompton & Knowles Loom Works, Worcester, Mass. Center support for tube frames. 2,173,981; Sept. 26.
Robeson Process Company. (See Wallace, Frederick J., assignor.)
Robidoux, Finley T., Houston, Tex., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Electrode for well logging. 2,161,976; June 13.
Robie, Norman P. (See Benner, R. C. and Robie.)
Robie, Norman P., assignor to The Carborundum Company, Niagara Falls, N. Y. Bonded abrasive and making the same. 2,154,185; Apr. 11.
Robie, Norman P., Niagara Falls, N. Y., and W. D. Rossow, Tiffin, Ohio, assignors, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Making abrasive articles. 2,171,635; Sept. 5.
Robiette, Alfred G. E., Erdington, Birmingham, England, assignor to The International Nickel Company, Inc., New York, N. Y. Casting. 2,142,211; Jan. 3.
Robiette, Alfred G. E., assignor to Birmingham Electric Furnaces Limited, Erdington, Birmingham, England. Method of and apparatus for the heat treatment of metals and alloys. 2,152,154; Mar. 28.
Robillard, Levis, Houston, Tex. Clamp. 2,156,195; Apr. 25.
Robin, Jacob I., assignor, by mesne assignments, to International Mutoscope Reel Co. Inc., New York, N. Y. Changeable exhibitor. 2,151,333; Mar. 21.
Robin, Joseph E., Palisades, N. J., assignor to National Carbon Company, Inc. Electric arc illumination. 2,145,134; Jan. 24.
Robin, Leo, and M. Van Roggen, Sprimont, Belgium. Change-speed device. 2,162,124; June 13.
Robinette, Willard C., Pasadena, Calif. Apparatus for making motion pictures. 2,152,921; Apr. 4.
Robinette, Willard C., Pasadena, Calif. Pipe wrapping machine. 2,161,530; June 6.
Robins Conveying Belt Company. (See Andrada, Morris J., assignor.)
Robins Conveying Belt Company. (See Robins, Samuel D., assignor.)
Robins, Samuel D., Hewlett, N. Y., assignor to Robins Conveying Belt Company, Passaic, N. J. Screen cloth and making the same. 2,154,530; Apr. 18.
Robinson, Cecil S., Ithaca, N. Y. Aerial camera mount. 2,169,432; Aug. 15.
Robinson, Charles A., Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Wire straightening device. 2,160,908; June 6.
Robinson, Charles A., Salem, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe machine. 2,164,347; July 4.
Robinson, Charles A., Salem, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Clutch mechanism. 2,182,821; Dec. 12.
Robinson, Charles A., Salem, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Fastening pulling machine. 2,183,695; Dec. 19.
Robinson, Claud L., Des Moines, Iowa. Gas fuel regulator. 2,152,501; Mar. 28.
Robinson, Edwin A. (See Imray, H. H., Jr., and Robinson.)
Robinson, Edwin A., Chatham, N. J., assignor to Eastman Kodak Company, Rochester, N. Y. Yarn conditioning composition. 2,176,510; Oct. 17.
Robinson, Edwin B. (See Hampton, H. A., Hill, and Robinson.)
Robinson, Elizabeth E. (See Hefferin, George M., assignor.)
Robinson, Ernest Y., Enfield, England, assignor to General Electric Company. High frequency receiving apparatus. 2,182,677; Dec. 5.
Robinson, Forster, Lima, Ohio. Stuffing box. 2,158,833; May 16.
Robinson, Francis T., Rockville Centre, assignor to Arkell Safety Bag Company, New York, N. Y. Method of and machine for producing crinkled paper lined bags. 2,180,431; Nov. 21.
Robinson, Frank W. (See Spicher, C. E., and Robinson.)
Robinson, George A., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Packaging machine. 2,168,241; Aug. 1.
Robinson, George A., Milton, assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Labeling machine. 2,183,153; Dec. 12.
Robinson, George L., Pittsburgh, assignor to Blaw-Knox Company, Blawnox, Pa. Water-cooled furnace port construction. 2,145,555; Jan. 31.
Robinson, George W. (See Keith, P. C., Jr., Robinson, and Roberts.)
Robinson, Gerald R. (See Coppola, J., and Robinson.)
Robinson, Harold C., Providence, R. I., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Test equipment. 2,142,655; Jan. 3.
Robinson, Harold C., assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Stock-quotation system. 2,159,107; May 23.
Robinson, Harold C., Chicago, J. I. Bellamy, Brookfield, and M. L. Nelson, Park Ridge, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Stock-quotation system. 2,172,879; Sept. 12.
Robinson, Harold E., Astoria, Long Island, assignor to American Multi Products Corp., Long Island City, N. Y. Game apparatus. 2,183,506; Dec. 12.
Robinson, Herbert M., assignor to Reliable Machine Screw Sales Co., Inc., Newark, N. J. Brake signal. 2,172,412; Sept. 12.
Robinson-Houchin Optical Company. (See Buttner, Theodore W., assignor.)
Robinson, Hugh W., Brookline, Mass., assignor to Anchor Cap & Closure Corporation, Long Island City, N. Y. Package and parts thereof. 2,175,917; Oct. 10.
Robinson, Jack D., Snyder, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Plastic, molding, and coating compositions and the like and method of making. 2,173,181; Sept. 19.
Robinson, James, London, England. Wireless signaling apparatus. 2,153,274; Apr. 4.
Robinson, James C., Paducah, Tex. Tractor power lift row marker. 2,178,124; Oct. 31.
Robinson, James D., Memphis, Tenn. Chlorinating water. 2,181,069; Nov. 21.
Robinson, James H., Atascadero, Calif. Bushing puller. 2,154,867; Apr. 18.
Robinson, James W. (See Angel, H., and Robinson.)
Robinson, Joseph. (See Rogers, F., and Robinson.)
Robinson, Joseph, New York, N. Y. Electrical vaporizer. 2,168,450; Aug. 8.
Robinson, Joseph, New York, N. Y. Electrical vaporizer. 2,174,531; Oct. 3.
Robinson, Joseph R., Pittsburgh, Pa. Stoker. 2,170,279; Aug. 22.
Robinson, Lawrence R., Zelienople, Pa., assignor to United Combustion Corporation, Cleveland, Ohio. Heat recuperating wall structure for furnaces. 2,151,358; Mar. 21.
Robinson, Lawrence R., Zelienople, Pa., assignor to United Combustion Corporation, Cleveland, Ohio. Furnace structure. 2,155,774; Apr. 25.
Robinson, Lawrence R., Zelienople, Pa., assignor to United Combustion Corporation. Balanced draft and flash wall for kilns. 2,173,614. Sept. 19.
Robinson, Louisa. (See Nelson, Herbert L., Jr., assignor.)
Robinson, Manuel G., Lynn, Mass., assignor to General Electric Company. Refrigerating machine. 2,151,564; Mar. 21.
Robinson, Manuel G., Glen Ridge, N. J., assignor to General Electric Company. Refrigerating machine. 2,151,565; Mar. 21.
Robinson, Manuel G., Glen Ridge, N. J., assignor to General Electric Company. Refrigerating machine. 2,156,096; Apr. 25.
Robinson, Paul S. (See Thomas, L. H., and Robinson.)
Robinson Percy W., Scotia, N. Y., assignor to General Electric Company. Commutator dynamo-electric machine. 2,143,713; Jan. 10.
Robinson, Preston, Williamstown, and J. L. Collins, assignors to Sprague Specialties Company, North Adams, Mass. Electrolytic device. Re. 21,088; May 16.
Robinson, Preston, Williamstown, assignor to Sprague Specialties Co., North Adams, Mass. Electrolytic device. 2,174,841; Oct. 3.
Robinson, Preston, Williamstown, and W. M. Allison, assignors to Sprague Specialties Company, North Adams, Mass. Electrical condenser. 2,174,840; Oct. 3.
Robinson, Preston, Williamstown, and J. L. Collins, assignors to Sprague Specialties Co., North Adams, Mass. Electrolytic device. 2,183,776; Dec. 19.
Robinson, Raleigh W., Galesburg, Ill. Coaster. 2,157,461; May 9.

Robinson, Ray J. (See Brady, C. W., and Robinson.)
Robinson, Reed W., assignor of one-half to A. Olsen, Jr., San Francisco, Calif. Invertized sugar crystals. 2,145,893; Feb. 7.
Robinson, Reed W., and A. Olsen, Jr., San Francisco, Calif. Candy bar. 2,175,214; Oct. 10.
Robinson, Robert S., Chicago, Ill. Dice board. 2,178,435; Oct. 31.
Robinson, Roland L. W., South New Brighton, near Christchurch, New Zealand. Spray pump of the knapsack type. 2,147,352; Feb. 14.
Robinson, Roy H., Chicago, Ill. Racket for tennis and batting games and manufacturing same. 2,171,223; Aug. 29.
Robinson, Slayden R., assignor, by mesne assignments, of one-fourth to C. Lamb and one-fourth to D. R. Radford, South Pasadena, and one-half to Z. A. Dyer, Los Angeles, Calif. Cementing plug. 2,167,778; Aug. 1.
Robinson, Thomas, Smithtown, assignor to Lancaster Processes Inc., New York, N. Y. Treating wood. 2,142,333; Jan. 3.
Robinson, Thomas, Smithtown, assignor to Lancaster Processes Inc., New York, N. Y. Sheet material 2,142,334; Jan. 3.
Robinson, Thomas, Lakewood, Ohio, assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Drop hammer board. 2,158,834; May 16.
Robinson, Vera E., Chicago, Ill. Tampon. 2,178,704; Nov. 7.
Robinson, Wallace W., Portland, Maine. Zonal hemorrhage-checking compression plate. 2,152,922; Apr. 4.
Robinson, Walter W., Chicago, Ill. Pronged-device connector. 2,157,188; May 9.
Robinson, William B., et al. (See Hansen, Louis E., assignor.)
Robinson, William H., Schenectady, and J. E. Anderson, Scotia, N. Y., assignors to General Electric Company. Chain conveyer. 2,144,547; Jan. 17.
Robinson, William H., Sr., et al. (See Long, John E., assignor.)
Robinson, William R., Niles, Ohio. Gas generator. 2,171,893; Sept. 5.
Robio, Raymond A., Outremont, near Montreal, Quebec, Canada. Humidifying and cooling apparatus. 2,152,360; Mar. 28.
Robison, Paul J., Thompson, Ohio. Hydraulic implement. 2,168,496; Aug. 8.
Robitzek, William, City Island, and L. J. Bachler, New York, N. Y. Boiler. 2,183,205; Dec. 12.
Robl, Rudolf, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the naphthalene series. 2,183,870; Dec. 19.
Robl, Rudolf, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the naphthalene series. 2,183,871; Dec. 19.
Robles, Jose A., Kansas City, Mo. Siren toy. 2,154,775; Apr. 18.
Roblin, Richard O., Jr., Old Greenwich, Conn., assignor to American Cyanamid Company, New York, N. Y. Manufacture of thiourea. 2,173,067; Sept. 12.
Roblin, Richard O., Jr., Old Greenwich, and I. Hechenbleikner, Riverside, Conn., assignors to American Cyanamid Company, New York, N. Y. 1-Naphthaleneacetic acid. 2,166,554; July 18.
Robot-Hand Corporation. (See Osuch, Francis J., assignor.)
Robrahn, Ira C., assignor to American Box Board Company, Grand Rapids, Mich. Animal shipping box. 2,169,030; Aug. 8.
Robson, Alexander M., et al. (See McConnell, Charles, assignor.)
Robson, Wilmot D. (See Denny, J. J., and Robson.)
Roby, Frank H., Milwaukee, Wis., assignor to Square D Company, Detroit, Mich. Welder control system. 2,179,957; Nov. 14.
Roby, Richard T., Kansas City, Mo. Mortise lock for printing blocks. 2,149,072; Feb. 28.
Roby, Sheldon S., Meriden, assignor to The Stanley Works, New Britain, Conn. Panic door release mechanism. 2,149,870; Mar. 7.
Roby, Sheldon S., Meriden, assignor to The Stanley Works, New Britain, Conn. Apparatus for operating doors. 2,173,455; Sept. 19.
Roby, William G., Park Ridge, assignor to Cinch Manufacturing Corporation, Chicago, Ill. Shielded plug and socket device. 2,173,323; Sept. 19.
Roca, Manuel, and E. Guix, Barcelona, Spain. Triturating machine. 2,171,949; Sept. 5.
Rocard, Yves, Paris, France, assignor to Compagnie Generale de Telegraphie sans Fil. Oscillation device. 2,151,800; Mar. 28.
Roch, Urban J. (See Jarreau, J. A., and Roch.)
Roche, Albert T. (See Kane, James H., assignor.)
Roche, Austin O., Jr. (See Gillett, M. C., Sanbern, and Roche.)
Roché, Jean A. (See Taylor, J. G., Roché, and Spevacek.)
Roche, Matthew J., Dunmore, Pa. Gripping device. 2,154,531; Apr. 18.
Roche-Organon, Inc. (See Reichstein, Tadeus, assignor.)
Roche-Organon Incorporated. (See Reichstein, T., and Schlittler, assignors.)
Roche, Philip J., Weehawken, N. J. Rope making machine. 2,149,312; Mar. 7.
Rochefort, François, Courbevoie, France. Internal combustion engine. 2,146,351; Feb. 7.
Rocher, Etienne J. (See Robertson, Gilbert, assignor.)
Rochester Manufacturing Co. (See Ford, George E., assignor.)
Rochester Manufacturing Co. Inc. (See Hastings, H., and Ford, assignors.)
Röchling'sche Elsen-und Stahlwerke Gesellschaft mit beschränkter Haftung. (See Johannsen, Otto, assignor.)
Rochow, Hans, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Arrangement for electric intercommunication. 2,144,936; Jan. 24.
Rock, Fred, Waterville, Maine. Game apparatus. 2,150,847; Mar. 14.
Rock, John P., Duluth, Minn. Bearing for vehicles. 2,164,840; July 4.
Rock, Robert B., Los Angeles, Calif. Furnace assembly. 2,158,338; May 16.
Rockafield, Roscoe R. (See Lincoln, C. S., Hahn, and Rockafield.)
Rockbestos Products Corporation. (See Lattin, Robert B., assignor.)
Rock County Savings and Trust Company, executor. assignor.)
Rocke, Floyd L., Bloomington, assignor to Electric Household Utilities Corporation, Chicago, Ill. Lubrication system for drive mechanism. 2,156,770; May 2.
Rocke, William, Bloomington, Ill. Washing machine. 2,148,646; Feb. 28.
Rocke, William, South Bend, Ind. Clutch mechanism. 2,167,373; July 25.
Rockefeller, Harry E., New York, N. Y., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Joining metal members. 2,151,334; Mar. 21.
Rockefeller, Harry E., Rye, N. Y., and J. H. Rountree, Elizabeth, N. J., assignors to The Linde Air Products Company. Flame-cutting metal. 2,184,562; Dec. 26.
Rockford Machine Tool Company. (See Jackson, Paul S., assignor.)
Rockhill Patent Holding Corporation. (See Littlehale, Philip E., assignor.)
Rock of Ages Corporation. (See Perry, Robert B., assignor.)
Rockola, David C. (See Hitzeman, Arthur C., assignor.)
Rockola, David C., Chicago, Ill. Check separator. 2,161,091; June 6.
Rockola, David C., assignor, by mesne assignments, to Rock-Ola Manufacturing Corporation, Chicago, Ill. Cabinet structure. 2,142,804; Jan. 3.
Rockola, David C., Chicago, and A. Vischer, Jr., Park Ridge, Ill.; said Vischer assignor to said Rockola. Parking meter. 2,171,345; Aug. 29.
Rock-Ola Manufacturing Corp. (See Hutter, William H., assignor.)
Rock-Ola Manufacturing Corporation. (See Rockola, David C., assignor.)
Rock-Ola Manufacturing Corporation. (See Smyth, Paul H., Jr., assignor.)
Rock-Ola Manufacturing Corp. (See Williams, Harry E., assignor.)
Rockwell, Charles M., San Diego, Calif. Safety razor. 2,162,388; June 13.
Rockwell, Edward A., West Hartford, Conn. System for feeding fuel. 2,152,091; Mar. 28.
Rockwell, Edward A., Chicago, Ill., assignor, by mesne assignments, to General Auto Parts Corporation. Power transmitting apparatus and control therefor. 2,153,509; Apr. 4.
Rockwell, Edward A., Chicago, Ill., assignor, by mesne, assignments, to General Auto Parts Corporation. Fluid pressure amplifying device. 2,163,764; June 27.
Rockwell, George E., Milford, Ohio. Therapeutic agent. 2,143,088; Jan. 10.
Rockwell, George E., Milford, Ohio, assignor to Eli Lilly and Company, Indianapolis, Ind. Hay fever antigen. 2,150,131; Mar. 7.
Rockwell, Paul O. (See Goshorn, John C.)
Rockwell, Ronald J., assignor to The Crosley Corporation, Cincinnati, Ohio. Circuits for more nearly perfect sound reproductions. 2,171,048; Aug. 29.
Rockwood, George H., Jr., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric discharge device. 2,184,756; Dec. 26.
Roco, Albert L. (See Mundt, L. C., and Roco.)
Roda, Richard F., Pittsford, assignor to Taylor Instrument Companies, Rochester, N. Y. Manometer unit for a sphygmomanometer. 2,160,407; May 30.
Rodal, Ralph. (See Bockhoff, H. W., and Rodal.)
Rodanet, Charles H. H., Neuilly-sur-Seine, assignor to Societe Anonyme: Etablissements Ed-Jaeger, Levallois-Perret, France. Clock, so-called mysterious small clock. 2,153,004; Apr. 4.
Rodanet, Charles H. H., Neuilly-sur-Seine, assignor to Société Anonyme: Etablissements Ed. Jaeger, Levallois-Perret (Seine), France. Switch unit. 2,167,374; July 25.
Rodda, Edward J., assignor to Niagara Falls Wire Stitchers, Inc., Niagara Falls, N. Y. Wire spool holder for stitching machines. 2,149,631; Mar. 7.
Rode, Frederich J., Toledo, Ohio. Drawing press. 2,172,853; Sept. 12.
Rode, Fredrich J., and M. R. Hatch, Toledo, Ohio. Fluid operated clutch device. 2,151,153; Mar. 21.

Rodemeyer, Edward, Hampton, Iowa. Drawbar 2,161,387; June 6.
Roderick, Howard. (See Garrels, J. C., and Roderick.)
Roderick, Howard, Grosse Ile, assignor to Michigan Alkali Company, Wyandotte, Mich. Preparation of calcium carbonate. 2,164,943; July 4.
Roderick, Howard, Grosse Isle, assignor to The Michigan Alkali Company, Wyandotte, Mich. Coating pigment and making same. 2,182,096; Dec. 5.
Rodger Ballast Car Company. (See Hindahl, David, assignor.)
Rodgers, Elbert A., Fort Worth, Tex. Flow controlling valve. 2,142,376; Jan. 3.
Rodgers, Frederick, London, England, assignor to Cherry-Burrell Corporation, Wilmington, Del. Valve for controlling the flow of liquids to bottles and other receptacles. 2,154,583; Apr. 18.
Rodgers, James A. (See Persons, L. M., and Rodgers.)
Rodgers, James A., assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Motor protector switch. 2,150,635; Mar. 14.
Rodgers, James P., Bloomfield, assignor to The Roto Company, Newark, N. J. Tube cleaner. 2,155,205; Apr. 18.
Rodgers, John S., Racine, Wis. Automobile accelerator control. 2,145,665; Jan. 31.
Rodgers, Joseph, New York, N. Y. Fold former for neckties. 2,148,582; Feb. 28.
Rodgers, Karl F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical condenser. 2,164,165; June 27.
Rodgers, Marion E. (See Shelton, L. C., and Rodgers.)
Rodgers, William W., Ruxton, Md. Scaling mechanism. 2,144,639; Jan. 24.
Rodieck, George J., Tyler, Tex. Apparatus for deterging radiators. 2,170,730; Aug. 22.
Rodin, Mate M., San Pedro, Calif. Bag hook. 2,169,127; Aug. 8.
Rodli, Gilbert. (See Wald, J. R., and Radli.)
Rodman Chemical Company. (See Rodman, Hugh, assignor.)
Rodman, Clarence A., Detroit, Mich. Air conditioning. 2,164,223; June 27.
Rodman, Hugh, assignor to Rodman Chemical Company, Verona, Pa. Carburizer. 2,149,747; Mar. 7.
Rodman, Hugh, assignor to Universal Oil Products Company, Chicago, Ill. Tubular conduit. 2,175,412; Oct. 10.
Rodman, Thomas E. (See Overmier, E., and Rodman.)
Rodman, Thomas E. (See Overmier, E., Rodman, and Clarke.)
Rodrian, Richard, Denver, Colo. Smelting and refining process. 2,147,672; Feb. 21.
Rodrigues, Octavius V., Fairfield, Conn., assignor to Magazine Repeating Razor Company, New York, N. Y. Razor. 2,160,370; May 30.
Rodriguez, Joaquin M., Yonkers, N. Y. Photographic enlarging easel. 2,166,878; July 18.
Rodriques, Octavius V., Fairfield, Conn., assignor to Magazine Repeating Razor Company, New York, N. Y. Razor. 2,167,032; July 25.
Rodth, Joseph R., New York, N. Y. Alarm lock. 2,170,521; Aug. 22.
Rodwell, Albert G., assignor to S. H. Colton, London, England. Production of plastic compositions. 2,157,018; May 2.
Rodwell, Reginald V., executor. (See Taylor, W, and Cooke.)
Rodwick, Frank, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Whipper. 2,179,383; Nov. 7.
Rodwick, Frank P., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Waffle iron handle. 2,150,247; Mar. 14.
Rodwin, George, Randall Manor, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio broadcasting system. 2,153,052; Apr. 4.
Roe, Hillman L., assignor to Physicians & Hospitals Supply Company, Inc., Minneapolis, Minn. Truss for inguinal hernia. 2,146,444; Feb. 7.
Roe, Wiley B., and P. R. Stewart, Elizabethton, Tenn., assignors to North American Rayon Corporation, New York, N. Y. Skeining device. 2,145,609; Jan. 31.
Roedding, Gordon E., assignor to Grand Rapids Brass Company, Grand Rapids, Mich. Latch. 2,146,485; Feb. 7.
Roedding, Gordon E., assignor to Grand Rapids Brass Company, Grand Rapids, Mich. Latch. 2,156,513; May 2.
Roeder, Georg, assignor to Merck & Co. Inc., Rahway, N. J. Process for the production of salts of B-methylcholine and acyl derivatives thereof. 2,153,591; Apr. 11.
Roeder, Georg, assignor to Merck & Co. Inc., Rahway, N. J. Production of β-methylcholine ethers and salts thereof. 2,155,446; Apr. 25.
Roeder, George E., Washington, D. C. Formula-finding device. 2,166,372; July 18.
Roehm, Erwin G. (See Nenninger, L. F., and Roehm.)
Roehm, Frederick F., New York, N. Y. Receptacle and brush holder. 2,150,784; Mar. 14.
Roehrich, Victor H. (See Carlson, Grace W., assignor.)
Roehrl, Bruno C., assignor, by mesne assignments, to Agfa Ansco Corporation, Binghampton, N. Y. Film spool and holder. 2,160,710; May 30.
Roehrl, Bruno C., assignor by mesne assignments to Agfa Ansco Corporation, Binghamton, N. Y. Marking means for film strips. 2,162,408; June 13.
Roelig, Hermann. (See Müller, T., and Roelig.)
Roemer, Herbert C., et al. (See Dewan, L., and Bartho, assignors.)
Roemer, Herbert C., et al. (See Wren, J. R., and Bartho, assignors.)
Roemer, Ralph R., assignor, by mesne assignments, to Harry R. Canfield, Cleveland, Ohio. Road guard. 2,180,286; Nov. 14.
Roemer, William C., assignor to Winchester Repeating Arms Company, New Haven, Conn. Producing firearm frames. 2,143,923; Jan. 17.
Roemig, Joseph H., Allentown, Pa. Card and key carrier. 2,177,786; Oct. 31.
Roès, Georges, Paris, France. Progressive acting change-speed gear for bicycles. 2,148,837; Feb. 28.
Roesch, Christian, assignor to P. Roesch, Jamaica, N. Y. Treating and packing powdered material. 2,149,790; Mar. 7.
Roesch, Frank P., Chicago, Ill. Locomotive. 2,152,420; Mar. 28.
Roesch, Frank P., Chicago, Ill., assignor to The Standard Stoker Company, Incorporated. Valve manifold. 2,160,563; May 30.
Roesch, Frank P., Chicago, Ill., assignor, by mesne assignments, to The Standard Stoker Company, Inc., New York, N. Y. Stoker. 2,175,161; Oct. 3.
Roesch, Paula. (See Roesch, Christian, assignor.)
Roesch Porcelain Construction, Inc. (See Maus, Albert C., assignor.)
Roesch, Willard G. (See Brueckmann, F. G., and Roesch.)
Roesch, Willard G. (See Rogers, M. C., Brueckmann, and Roesch.)
Roeschlein, Stefan. (See Tronnier, A. W., Roeschlein, and Lescher.)
Roeske, Walter F., Chicago, Ill. Cushion and mattress spring. 2,170,618; Aug. 22.
Roesner, Gerhard. (See von Girsewald, Conway, Baron, and, Roesner.)
Roessel, Louis O. E., Chappaqua, assignor of one-half to Universal Development Corporation, New York, N. Y. Camera. 2,150,106; Mar. 7.
Roeth, Louis H., Chicago, Ill. Ball bearing mounting for vibrator heads. 2,178,881; Nov. 7.
Roethel, John H., assignor to Ferro Stamping and Manufacturing Company, Detroit, Mich. Clutch for window regulators. 2,145,666; Jan. 31.
Roethel, John H., assignor to Marvel Equipment Corporation, Detroit, Mich. Latch bolt and striker. 2,151,154; Mar. 21.
Roethel, John H., assignor to Marvel Equipment Corporation, Detroit, Mich. Window regulator. 2,168,242; Aug. 1.
Roetman, Edmond T. (See Cadden, J. F., and Roetman.)
Roger, Albert J., Oakland, Calif. Program clock. 2,173,373; Sept. 19.
Rogers, Aldred W. (See Lenehan, B. E., and Rogers.)
Rogers, Allen, assignor to Davis & Geck, Inc., Brooklyn, N. Y. Surgical tape of submucosa tissue. 2,167,251; July 25.
Rogers Brothers Corporation, The. (See Rogers, Hugh L., assignor.)
Rogers, Burr S., Lindsey, Ohio. Universal lawn mower grinder. 2,180,911; Nov. 21.
Rogers, C. E., Company. (See Brock, Harold W., assignor.)
Rogers, Carroll W., et al. (See Rutherford, Marvin E., assignor.)
Rogers, Charles C., Jr. (See Blair, C. M., Jr., and Rogers.)
Rogers, Clifford R. (See Baker, D. B., and Rogers.)
Rogers, Clifford R. (See Baker, D. B., Rogers, and Bechman.)
Rogers, Clifford R. (See Johnston, E. A., Baker, and Rogers.)
Rogers, Clifford R. (See Johnston, E. A., Rogers, and Bechman.)
Rogers, Clifton L., Moss Point, Miss. Boat's drydock. 2,151,394; Mar. 21.
Rogers, Colman P., Santa Barbara, Calif. Windshield wiper. 2,161,682; June 6.
Rogers, Donald A., Petersburg, Va., assignor to The Solvay Process Company, New York, N. Y. Manufacture of ethylene. 2,174,196; Sept. 26.
Rogers, Donald A., Petersburg, Va., and C. W. Brown, Yonkers, assignors to The Solvay Process Company, New York, N. Y. Manufacture of ammonium nitrate. 2,167,464; July 25.
Rogers, Edmund. (See Werder, John F., assignor.)
Rogers, Frank, and J. Robinson, New York, N. Y. Wheeled vehicle. 2,176,472; Oct. 17.
Rogers, Frank L. (See Cassiere, Alphonse T., assignor.)
Rogers, George D., Columbus, Ohio. Mechanical calendar. 2,158,553; May 16.
Rogers, Gerald S., assignor, by mesne assignments, to Christian Brynoldt, Pittsburgh, Pa. Dispensing apparatus. 2,179,729; Nov. 14.
Rogers, Harold G. (See Waite, G., and Rogers.)
Rogers, Harry G., Wellington, New Zealand. Printing press. 2,157,803; May 9.
Rogers, Harvey R., Springfield, Ill. Vehicle occupant protector. 2,180,912; Nov. 21.

Rogers, Howard G. (See Land, E. H., and Rogers.)
Rogers, Hugh L., assignor to The Rogers Brothers Corporation, Albion, Pa. Brake applying and equalizing mechanism for universal rocking wheel vehicles. 2,152,442; Mar. 28.
Rogers, Hugh L., assignor to The Rogers Brothers Corporation, Albion, Pa. Brake applying and equalizing mechanism. 2,152,443; Mar. 28.
Rogers, Ida L., New York, N. Y. Folding furniture. 2,159,228; May 23.
Rogers, James F., Rocky River, Ohio. Tie clip. 2,168,946; Aug. 8.
Rogers, John. (See Rogers, Mack and J.)
Rogers, John C., assignor of one-half to R. Sims, New Orleans, La. Lint flue and condenser. 2,146,698; Feb. 7.
Rogers, John C., assignor to Crown Stove Works, Cicero, Ill. Instrument board for stoves. 2,147,382; Feb. 14.
Rogers, John C., and R. Sims, New Orleans, La. Lint condenser. 2,146,699; Feb. 7.
Rogers, John P., assignor to Aviation Manufacturing Corporation, Williamsport, Pa. Airplane. 2,164,545; July 4.
Rogers, John W. (See McKelvey, J. H., and Rogers.)
Rogers, Leonard A., assignor of one-third to F. J. McAweeney and one-third to T. C. Odegaard, Minneapolis, Minn. Combination air cooler and refrigerator. 2,144,690; Jan. 24.
Rogers, Lester C., Cleveland, assignor of one-half to A. Gould, East Cleveland, Ohio. Caster. 2,175,317; Oct. 10.
Rogers, Mack and J., Oakland, Calif. Vibrating table. 2,150,519; Mar. 14.
Rogers, Marvin C., F. G. Brueckmann, and W. G. Roesch, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Sulphuric acid recovery. 2,150,750; Mar. 14.
Rogers, Paul M., Hastings on Hudson, assignor to Anaconda Wire & Cable Company, New York, N. Y. Releasable package. 2,156,267; May 2.
Rogers Radio Tubes Ltd. (See Parker, Henry W., assignor.)
Rogers, Roosevelt E., et al. (See Lyle, Vent M., assignor.)
Rogers, Thomas C. (See Bell, T. W., and Rogers.)
Rogers, Thomas H. and B. H. Shoemaker, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Sweetening high-sulphur motor fuels. 2,164,665; July 4.
Rogers, Thomas H., C. M. Loane, and B. H. Shoemaker, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Preparation of phosphorous acid esters. 2,175,509; Oct. 10.
Rogers, Ulysses G., Jackson, Mich., assignor of one-half to J. J. Gallagher. Water heater. 2,179,274; Nov. 7.
Rogers, William J., Maspeth, N. Y. Amusement device. 2,175,649; Oct. 10.
Rogge, Albert C. (See Gordon, H., and Rogge.)
Roggenstein, Edwin O., Ilion, assignor to Remington Rand, Inc., New York, N. Y. Portable universal electric punch. 2,151,232; Mar. 21.
Roggenstein, Edwin, Ilion, assignor to Remington Rand Inc., Buffalo, N. Y. Card punch. 2,160,171; May 30.
Roggenstein, Edwin O., Ilion, assignor to Remington Rand Inc., Buffalo, N. Y. Rectifier circuit. 2,172,759; Sept. 12.
Rogoff, Julian. (See Dibner, B., and Rogoff.)
Rogoff, Julian, New York, N. Y., assignor to Burndy Engineering Co., Inc. Connector with sheet metal jaws. 2,148,173; Feb. 21.
Rogoff, Julian, New York, N. Y., assignor to Burndy Engineering Co., Inc. Ground-wire clamp. 2,164,021; June 27.
Rogoff, Julian, New York, N. Y., assignor to Burndy Engineering Co. Inc. Connector with reinforcing follower. 2,180,931; Nov. 21.
Rogow, Sydney, Forest Hills, N. Y. Concrete joist form and the like. 2,180,964; Nov. 21.
Rogowski, Ernst. (See Lieb, G., and Rogowski.)
Rogowski, Walter, Aachen-Siegel, and F. A. Becker, Aachen, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Cathode ray tube. 2,161,316; June 6.
Roh, Nikolaus. (See Winter, C., and Roh.)
Roh, Nikolaus. (See Winter, C., Roh, Wolff, and Schaefer.)
Roh, Nikolaus, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Partially hydrogenated heterocyclic nitrogen compounds substituted by the aldehyde group and making same. 2,158,526; May 16.
Roh, Nikolaus, Ludwigshafen-on-the-Rhine, P. Wolff, and G. Schäfer, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Polymethine dyestuffs and making same. 2,155,447; Apr. 25.
Rohde, Edith E., executrix. (See Rohde, Otto C.)
Rohde, Otto C., deceased, by E. E. Rohde, executrix, assignor, by mesne assignments, to Champion Spark Plug Company, Toledo, Ohio. Radio shielded spark plug. 2,183,696; Dec. 19.
Rohland, Curt J., Seekonk, Mass., assignor to The Nestle-Le Mur Company, New York, N. Y. Fluid applicator. 2,147,458; Feb. 14.
Rohland, Werner. (See Koeberle, K., Rohland, and Steigerwald.)
Rohlen, Arthur W. (See Roan, C. M., Kaupang, and Rohlen.)
Rohlin, Karl W., Moorestown, N. J. Apparatus for controlling the operation of internal combustion engines of the multicylinder type. 2,166,968; July 25.
Rohlin, Karl W., Merchantville, assignor to Warren Webster & Company, Camden, N. J. Heat controlling system. 2,184,849; Dec. 26.
Rohlin, Victor A. (See Kittredge, A. E., and Rohlin.)
Rohlin, Victor A., and C. E. Joos, assignors to Cochrane Corporation, Philadelphia, Pa. Water purifying and degasifying apparatus. 2,168,584; Aug. 8.
Röhm & Haas Company. (See Adkins, Homer, assignor.)
Röhm & Haas Company. (See Andrews, C. E., and Fenske, assignors.)
Röhm & Haas Company. (See Andrews, C. E., and Spence, assignors.)
Röhm & Haas Company. (See Bartoe, Willard F., assignor.)
Röhm & Haas Company. (See Bauer, Walter, assignor.)
Röhm & Haas Company. (See Bauer, W., and Lauth, assignors.)
Röhm & Haas Company. (See Bruson, Herman A., assignor.)
Röhm & Haas Company. (See Bruson, H. A., and Covert, assignors.)
Röhm & Haas Company. (See Bruson, H. A., and Eastes, assignors.)
Röhm & Haas Company. (See Bruson, H. A., and MacMullen, assignors.)
Röhm & Haas Company. (See Bruson, H. A., and Stein, assignors.)
Röhm & Haas Company. (See Bruson, H. A., and Washburne, assignors.)
Röhm & Haas Company. (See Covert, Lloyd W., assignor.)
Röhm & Haas Company. (See Helwig, Edward L., assignor.)
Röhm & Haas Company. (See Hester, William F., assignor.)
Röhm & Haas Company. (See Hurd, Loren C., assignor.)
Röhm & Haas Company. (See Johnson, Treat B., assignor.)
Röhm & Haas Company. (See Kautter, Carl T., assignor.)
Röhm & Haas Company. (See MacMullen, Clinton W., assignor.)
Röhm & Haas Company. (See Powers, D. H., and Hager, assignors.)
Röhm & Haas Company. (See Röhm, O., and Bauer, assignors.)
Röhm & Haas Company. (See Röhm, O., and Trommsdorff, assignors.)
Röhm & Haas Company. (See Russell, A., and Copenhaver, assignors.)
Röhm & Haas Company. (See Spence, Le Roy U., assignor.)
Röhm & Haas Company. (See Spence, L. U., and Mitchell, assignors.)
Röhm & Haas Company. (See Sperr, Frederick W., Jr., assignor.)
Röhm & Haas Company. (See Willaman, J. J., Diehm, and Clark, assignors.)
Röhm, Otto, Darmstadt, Germany. Producing hides with the aid of mold tryptases. 2,157,969; May 9.
Röhm, Otto, Darmstadt, Germany. Preparing hides. 2,179,899; Nov. 14.
Röhm, Otto, and W. Bauer, Darmstadt, Germany, assignors to Röhm & Haas Company, Philadelphia, Pa. Manufacture of polymerization products. 2,154,639; Apr. 18.
Röhm, Otto, and E. Trommsdorff, Darmstadt, Germany, assignors to Röhm & Haas Company, Philadelphia, Pa. Polymerization of methyl methacrylate. 2,171,765; Sept. 5.
Rohn, Wilhelm, Hanau-on-the-Main, Germany. Cooling rolling mill. 2,150,340; Mar. 14.
Rohn, Wilhelm, and W. Hessenbruch, assignors to Heraeus-Vacuumschmelze A. G., Hanau, Germany. Manufacturing silicon-iron alloys. 2,144,200; Jan. 17.
Rohn, Wilhelm, and W. Hessenbruch, assignors to Heraeus-Vacuumschmelze A. G., Hanau, Germany. Silicon-iron alloy. 2,173,312; Sept. 19.
Rohner, Leonard V. (See Kniskern, W. H., and Rohner.)
Rohr, Henry C., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Oil burner control variable resistance operated stack switch. 2,149,871; Mar. 7.
Rohr, Henry C., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Oil burner control. 2,171,950; Sept. 5.
Rohr, Mamie E. (See Thornhill, B. R., and Rohr.)
Rohrbacher, Clarence V., Los Angeles, assignor to H. L. Rohrbacher, Los Angeles County, Calif. Preserving celery. 2,172,332; Sept. 5.
Rohrbacher, H. L. (See Rohrbacher, Clarence V., assignor.)
Rohrer, Carlisle G. (See Lion, H. S., and Rohrer.)
Rohrer, John M., Orwigsburg, Pa. Apparatus for lasting shoes. 2,178,609; Nov. 7.
Rohrer, Josiah H., Philadelphia, Pa. Steam boiler. 2,153,592; Apr. 11.
Rohrer, Josiah H., assignor of one-half to Day and Zimmerman, Incorporated, Philadelphia, Pa. Heat exchanger. 2,146,352; Feb. 7.

Röhrs, Wilhelm, Hessenwinkel, near Berlin, Germany, assignor to Bakelite Corporation, New York, N. Y. Moldable composition and product. 2,167,313; July 25.
Roko Corporation. (See Coberly, Clarence J., assignor.)
Rolan, Andrew A., Detroit, Mich. Sheet metal snap hook. 2,166,606; July 18.
Roland, Harold F., assignor to Hiram Walker & Sons Inc., Peoria, Ill. Rotary drier. 2,162,973; June 20.
Roland, Heinrich. (See Jann, K., and Roland.)
Roland, John. (See Schwitzer, L., and Roland.)
Rolande, Edgar G., assignor to A. Pincus, Pittsburgh, Pa. Beer dispensing device. 2,154,052; Apr. 11.
Rold, Robert R., assignor to Arc Rays Treating Laboratories, Ltd., Long Beach, Calif. Arc-ray treating machine. 2,148,174; Feb. 21.
Rolf, Erich, assignor to Siemens-Schuckertwerke Aktiengesellschaft, Berlin-Siemensstadt, Germany. Multiphase current converting system. 2,181,152; Nov. 28.
Rolf, Harry G. (See Sommerfeld, Leonhart F., assignor.)
Rolfs, Emile C., Jr. (See Fasce, E. V., and Rolfs.)
Rolfson, Orville, Windsor, Ontario, Canada. Adjustable stopping distance gauge. 2,175,129; Oct. 3.
Roll, Eugene A., et al. (See Sachs, Erich, assignor.)
Roll, Walter H., Linden, N. J. Mechanical lighter. 2,176,150; Oct. 17.
Roll-A-Book Publishers, Inc. (See Whitmyre, Everett, assignor.)
Rolland, Frederick W., Oakland, Calif. Manufacturing diamond drill bits or other tools. 2,147,175; Feb. 14.
Rolle, Clifford J., Yonkers, assignor to Interchemical Corporation, New York, N. Y. Coating process. 2,182,304; Dec. 5.
Rolle, Edward. (See Green, W. A., and Rolle.)
Roller Bearing Company of America. (See Barr, Victor L., assignor.)
Rolley, Elias W., et al. (See Hoover, Charles E., assignor.)
Rollin, George W., assignor to The Pure Oil Company, Chicago, Ill. Apparatus for fractionating liquids and vapors. 2,148,647; Feb. 28.
Rollins, Henry H., Phoenix, Ariz. Hitch device. 2,180,257; Nov. 14.
Rollins, Leroy W., Medford, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe. 2,183,697; Dec. 19.
Rollmann, Hans, Koeln-Marienburg, Germany, assignor, by mesne assignments, to L. H. Grunebaum, New York, N. Y. Production of shoes. 2,168,243; Aug. 1.
Rollmann, Heinz, et al. (See Szerenyi, Andreas, assignor.)
Rollocurl Corporation. (See Schlicker, Herman C., assignor.)
Rolls-Royce Limited. (See Leslie, Ivan A., assignor.)
Rolnick, Harry, Dallas, Tex. Hat band. 2,178,495; Oct. 31.
Roloff, Arthur L., assignor to Garden City Envelope Co., Chicago, Ill. Envelope machine. 2,151,665; Mar. 21.
Roloff Inc. of Mass. (See Perin, Donald W., assignor.)
Rolph, Samuel W., Shaker Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Storage battery with unit insulation. 2,157,629; May 9.
Rolph, Samuel W., Shaker Heights, assignor to Willard Storage Battery Company, Cleveland, Ohio. Storage battery. 2,169,771; Aug. 15.
Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Vaporproof luminair. 2,151,801; Mar. 28.
Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Desk lamp. 2,164,546; July 4.
Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Luminaire. 2,170,912; Aug. 29.
Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Prismatic reflector. 2,175,067; Oct. 3.
Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Reflecting brick and walls and buildings utilizing the same. 2,179,862; Nov. 14.
Rolph, Thomas W., Newark, Ohio, assignor to Holophane Company, Inc., New York, N. Y. Light directing brick and walls and buildings utilizing the same. 2,179,863; Nov. 14.
Rolscreen Company. (See Kuyper, Peter H., assignor.)
Rom, Palmer W., Cudahy, Wis. Vehicle signal apparatus. 2,167,680; Aug. 1.
Rom, Palmer W., Cudahy, assignor of one-half to F. Mynders, Milwaukee, Wis. Ironing cord support. 2,179,701; Nov. 14.
Romaine, Millard, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Broaching tool. 2,173,074; Sept. 12.
Roman, Adam, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Grinding wheel trimming device. 2,151,802; Mar. 28.
Roman, Benjamin, New York, N. Y. Building brick and wall. 2,167,187; July 25.
Roman, Benjamin, New York, N. Y. Snow annihilating machine. 2,174,842; Oct. 3.
Roman, Charles, Miami, Fla. Composition wood. 2,181,439; Nov. 28.
Roman, Elizabeth, et al. (See Kolouch, Emil, assignor.)
Roman, Paul, White Plains, and R. Balute, New York, N. Y.; said Baluta assignor of two-tenths to said Roman. Control system and apparatus. 2,166,194; July 18.
Romander, Hugo, Irvington, assignor to Federal Telegraph Company, Newark, N. J. Temperature compensation device. 2,170,664; Aug. 22.
Romane, Georges, Saint-Mande, France. Artificial fur. 2,172,807; Sept. 12.
Romani y Robert, Gabriel, Santiago, Cuba. Tooth brush. 2,172,624; Sept. 12.
Romanik, Bill, Millville, N. J. Headlight shade. 2,153,100; Apr. 4.
Romano, Adelaine. (See Marcolivio, Louis, assignor.)
Romano, Charles. (See Schmid, Frederick, assignor.)
Romano, Joseph, Donora, Pa. Attachment for shoe stretchers. 2,183,106; Dec. 12.
Romanoff, Hippolyte W., New York, N. Y. Product for packing and similar purposes. 2,154,640; Apr. 18.
Romanoff, Hippolyte W., New York, N. Y. Reinforced corrugated sheet. 2,160,677; May 30.
Romanoff, Hippolyte W., New York, N. Y. Machine for making corrugated articles. 2,163,063; June 20.
Romanoff, Hippolyte W., assignor to A. Schwartz, New York, N. Y. Toilet seat. 2,185,169; Dec. 26.
Romanoski, Joseph E., Huntington, N. Y. Vending machine. 2,156,196; Apr. 25.
Romberg, Conrad J., Gainesville, Ga. Liquid cooling and dispensing attachment for cooling cabinets. 2,142,763; Jan. 3.
Romberg, Felix B. and L. D., Austin, Tex. Method and machine for shelling nuts. 2,154,412; Apr. 11.
Romberg, Louis D. (See Romberg, Felix B. and L. D.)
Romig, Gerald C., Elkins Park, assignor to American Chemical Paint Company, Ambler, Pa. Producing phosphate coatings on surfaces of iron, zinc, or alloys thereof. 2,164,042; June 27.
Romine, Hugh E. (See Kirchner, A. M., and Romine.)
Rominger, Herbert H., assignor to J. Edney Harton, Oakland, Calif. Twine dispenser. 2,163,064; June 20.
Rommel, John G., Troy, N. Y. Pedestrian reflector. 2,142,617; Jan. 3.
Romnes, Haakon, I., Chatham, N. J., assignor to American Telephone & Telegraph Company. Gain adjusting apparatus. 2,144,709; Jan. 24.
Romnes, Haakon I., Chatham, N. J., assignor to American Telephone & Telegraph Company. Gain adjusting apparatus. 2,144,710; Jan. 24.
Romnes, Haakon I., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission level transient change indicator. 2,169,851; Aug. 15.
Romp, Johan, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Making hard metal bodies. 2,169,007; Aug. 8.
Romp, Johan, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Making hard metal alloys. 2,176,802; Oct. 17.
Rompe, Robert. (See Jancke, H., and Rompe.)
Rompe, Robert, Berlin, Germany, assignor to General Electric Company. Gaseous electric discharge lamp. 2,153,005; Apr. 4.
Ronag A. G. (See Neumann, Leopold, assignor.)
Ronay, Bela, Annapolis, Md. Pipe joint annealing furnace. 2,147,673; Feb. 21.
Ronay, Bela, Annapolis, Md. Coreless induction heater. 2,176,103; Oct. 17.
Ronci, Fernando, Providence, R. I. Tassel. 2,172,989; Sept. 12.
Ronci, Victor L. (See Clark, J. E., and Ronci.)
Ronci, Victor L. (See Depew, C., and Ronci.)
Ronci, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electronic discharge device. 2,156,064; Apr. 25.
Ronci, Victor L., Brooklyn, and J. W. West, Woodside, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,160,086; May 30.
Ronci, Victor L., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sealed joint for conductors. 2,169,570; Aug. 15.
Rones, Harvey C., Astoria, Oreg. Optical instrument for orthoptic purposes. 2,149,148; Feb. 28.
Roney, L. C., Inc. (See Roney, Leonard C., assignor.)
Roney, Leonard C., assignor to L. C. Roney, Inc., Los Angeles, Calif. Manifold valve. 2,163,132; June 20.
Ronk, George T., Lanark, Ill. Truck. 2,170,095; Aug. 22.
Ronk, George T., Lanark, Ill. Vehicle. 2,174,997; Oct. 3.
Rønne, Einar, Copenhagen, Denmark, assignor to F. L. Smidth & Co., New York, N. Y. Cooling of cement clinker. 2,173,182; Sept. 19.
Rönne, Henning, Copenhagen, Denmark, assignor to the firm Carl Zeiss, Jena, Germany. Instrument for the examination of eyes. 2,155,171; Apr. 18.
Ronneberg, Erik, Lead, S. Dak. Drill chuck for mine drilling machines. 2,150,189; Mar. 14.
Ronning, Birdan E., et al. (See Mealey, Robert C., assignor.)
Ronning, Birdan E., and R. C. Mealey, assignors of one-third to J. A. Ronning, Minneapolis, Minn. Variable speed transmission mechanism. 2,179,301; Nov. 7.
Ronning, Henry O., H. E. Cullen, E G. Monson, and N. H. Sandberg, Minneapolis, assignors to Waldorf Paper Products Company, St. Paul, Minn. Machine for making garment hangers. 2,173,313; Sept. 19.
Ronning, Jacob, et al. (See Mealey, Robert C., assignor.)
Ronning, Jacob A., et al. (See Ronning, B. E., and Mealey.)

Ronning Martin. (See Korsmo, A., and Ronning.)
Ronning, Martin. (See Parks, O. J., and Ronning.)
Ronning, Martin, St. Louis Park, assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Implement frame adjusting device. 2,153,593; Apr. 11.
Ronzone & Lange. (See Ronzone, Millard H., assignor.)
Ronzone, Millard H., assignor to Ronzone & Lange, New York, N. Y. Game device. 2,147,176; Feb. 14.
Rooch, Allen T., Cincinnati, Ohio. Diffuser of vaporous liquids. 2,166,969; July 25.
Roof, Jay L., Hamburg, N. Y. Damper. 2,148,713; Feb. 28.
Roofing Machinery Mfg. Co. (See McFarland, O. D., and Mickelson, assignors.)
Roofing Machinery Mfg. Co. (See Mickelson, A. O., and Schillo, assignors.)
Roohadze, Waldemar, Chicago, Ill., assignor to Brown-Lindsay Paint Company. Paint. 2,144,166; Jan. 17.
Rook, Clay H. (See Rook, James A. and C. H., assignors.)
Rook, James A. and C. H., assignors to Warn-O-Lite Company, Los Angeles, Calif. Electric control for warning signals. 2,145,634; Jan. 31.
Rooke, Robert M., Jersey City, N. J., and F. C. Saacke, assignors to Air Reduction Company, Incorporated, New York, N. Y. Welding rod. 2,150,785; Mar. 14.
Roon, Leo. (See McArdle, E. H., and Roon.)
Roon, Leo, South Orange, and A. Minich, East Orange, assignors to Nuodex Products Co., Inc., Elizabeth, N. J. Speeding up the making of pigment pastes. 2,180,721; Nov. 21.
Rooney, James H., and P. R. Hawtin, Spondon, near Derby, England, assignors to Celanese Corporation of America. Manufacture of materials having an organic basis. 2,167,909; Aug. 1.
Roope, Percy M. (See Arenberg, D. L. and Roope.)
Roos, Florence M., Redlands, Calif. Ear protector. 2,148,838; Feb. 28.
Roos, Hans, Leverkusen-I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,149,073; Feb. 28.
Roos, Hans, Leverkusen-I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,172,691; Sept. 12.
Roos, Hans, Leverkusen-I. G.-Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,172,712; Sept. 12.
Roosa, Vernon. (See Silber, E., and Roosa.)
Roosa, Vernon, Dobbs Ferry, and E. Silber, New York, N. Y. Speed regulating means for direct current generator units. 2,150,294; Mar. 14.
Roosa, Vernon, Dobbs Ferry, and E. Silber, New York, N. Y. Polyphase generator speed regulator. 2,150,520; Mar. 14.
Roose, Clyde O., Elyria, Ohio. Identification device. 2,154,959; Apr. 18.
Roose, Clyde O., Elyria, Ohio. Identification device. 2,171,713; Sept. 5.
Roosenstein, Hans O. (See Gothe, A., Roosenstein, and Walter.)
Roosenstein, Hans O. (See Runge, W., and Roosenstein.)
Roosenstein, Hans O., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Relaxation circuit arrangement. 2,153,158; Apr. 4.
Roosenstein, Hans O., assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna coupling means. 2,184,771; Dec. 26.
Roosenstein, Hans O., and H. Hewell, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray deflection apparatus. 2,153,643; Apr. 11.
Roosenstein, Hans O., and H. Hewel, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray deflection apparatus. 2,161,977; June 13.
Roosenstein, Hans O., and K. Diels, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode for cathode ray tube. 2,182,881; Dec. 12.
Roosevelt, Marcus S., and G. L. Bezold, assignors to The Hamilton Autographic Register Company, Hamilton, Ohio. Manifolding continuous stationery. 2,166,075; July 11.
Root, Charles F., assignor to The Chandler & Price Company, Cleveland, Ohio. Sheet delivery mechanism. 2,177,787; Oct. 31.
Root, Charles S., Stratford, Conn., assignor to General Electric Company. Silent tuning. 2,182,678; Dec. 5.
Root, George J., and A. H. McCall, Elmira, N. Y., said McCall assignor to said Root. Block press. 2,152,569; Mar. 28.
Root, John J., assignor to Bendix Products Corporation, South Bend, Ind. Electrical timing control. 2,144,033; Jan. 17.
Root, Ralph C. (See Booth, E. C., Ludlow, and Root.)
Root, Ralph R., Lakewood, Ohio. Dusting machine. 2,157,630; May 9.
Roots-Connersville Blower Corporation. (See Owens, Robert H., assignor.)
Roots, Logan C., Jr. (See McMath, C. W., and Roots.)
Roper, Andrew J., J. C. McCall, and B. F. Underwood, Piedmont, S. C. Loom selvage apparatus. 2,178,377; Oct. 31.
Roper, Geo. D., Corporation. (See Hobson, Stanley H., assignor.)
Roper, John, Solihul, Birmingham, assignor to W. H. Jordan, London, England. Detachable wheel for vehicles. 2,173,043; Sept. 12.
Roper, John M., Washington, D. C. Plug and receptacle. 2,181,154; Nov. 28.
Roper, Val J., Cleveland, Ohio, assignor to General Electric Company. Vehicle head lamp. 2,146,593; Feb. 7.
Ropp, Chester A., assignor to Williams Oil-O-Matic Heating Corporaton, Bloomington, Ill. Step-by-step movement for dispensing apparatus. 2,152,818; Apr. 4.
Ropp, Chester A., assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Step-by-step mechanism. 2,184,946; Dec. 26.
Ropp, Franklin N., assignor to Soule Steel Company, Los Angeles, Calif. Fabricated truss. 2,156,818; May 2.
Ropp, Franklin N., assignor to Soulé Steel Company, Los Angeles, Calif. Truss construction. 2,171,673; Sept. 5.
Rorden, Harold L., Barberton, assignor to The Ohio Brass Company, Mansfield, Ohio. Electrical transformer. 2,155,840; Apr. 25.
Rorden, Harold L., Barberton, assignor to The Ohio Brass Company, Mansfield, Ohio. Protective gap. 2,155,841; Apr. 25.
Rorer, Gerald F., Wyncote, assignor to William H. Rorer, Inc., Philadelphia, Pa. Anesthetic. 2,175,782; Oct. 10.
Rorer, William H., Inc. (See Rorer, Gerald F., assignor.)
Rorrer, Charles E. and A. R. Mitterer, assignors to Stadium Stores, Inc., Denver, Colo. Showcase. Re. 21,264; Nov. 14.
Rosaire, E. E. (See Horvitz, Leo, assignor.)
Rosaire, E. E. (See Saibara, R., Bilinsky, and McLarry, assignors.)
Rosaire, Esme E. (See West, Samuel S., assignor.)
Rosback, F. P., Company. (See Manny, Fred L., assignor.)
Rosch, Arthur, Brieselang, near Nauen, Osthavelland, Germany, assignor to General Electric Company. Power plant. 2,171,346; Aug. 29.
Rosch, Arthur, Brieselang, near Nauen, Germany, assignor to General Electric Company. Prime mover control system. 2,181,741; Nov. 28.
Rosch, Gustav, Valparaíso, Chile. Hairdressing device. 2,146,486; Feb. 7.
Rosch, Samuel J., Yonkers, assignor to Anaconda Wire & Cable Company, New York, N. Y. Electric cable. 2,172,760; Sept. 12.
Rosco Manufacturing Company. (See Cederstrom, Harold A., assignor.)
Roscoe, Edwin S., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y. Apparatus for sorting papers, cards, and the like. Re. 21,048; Apr. 11.
Roscoe, Edwin S., and F. W. Ackerman, assignors to Yawman & Erbe Mfg. Co., Rochester, N. Y. Paper fastener. 2,160,564; May 30.
Rose, Albert, East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Cathode ray tube. 2,171,224; Aug. 29.
Rose, Albert, East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Manufacturing mosaic electrodes. 2,175,701; Oct. 10.
Rose, Albert, East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,175,702; Oct. 10.
Rose, Alexander, New York, N. Y. Musical instrument. 2,159,491; May 23.
Rose, Alexander D., assignor to Jas. P. Marsh Corporation, Chicago, Ill. Siphon fitting for pressure gauges. 2,173,287; Sept. 19.
Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Wrapping machine. 2,142,528; Jan. 3.
Rose, Alfred G., assignor to Rose Bros. (Gainsborough) Limited, Gainsborough, England. Checking apparatus. 2,142,920; Jan. 3.
Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Machine for forming blanks into cartons. 2,146,407; Feb. 7.
Rose, Alfred G., Gainsborough, assignor to Rose Bros. (Gainsborough) Limited, Gainsborough, Lincolnshire, England. Wrapping machine. 2,153,483; Apr. 4.
Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Apparatus for feeding plastic material in bar form, such as toffee in wrapping machines. 2,157,676; May 9.
Rose, Alfred G., assignor to Rose Brothers (Gainsborough) Limited, Gainsborough, England. Apparatus for drawing plastic material. 2,170,309; Aug. 22.
Rose, Ben B., et al. (See Adler, Solomon, assignor.)
Rose Bros. (Gainsborough) Limited. (See Rose, Alfred G., assignor.)
Rose, Carl G. (See Boyer, J. A., Fitz-Randolph, and Rose.)
Rose, Charles, assignor to Central Bag & Burlap Co., Chicago, Ill. Self-closing bag. 2,148,648; Feb. 28.
Rose, Charles F. P., Asbury, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio transmitter. 2,172,453; Sept. 12.
Rose, Charles W. (See Clark, W. O., Finch, and Rose.)
Rose, Clarence W. (See Rose, Walter E. and C. W.)

Rose, Claude C., Rye, N. Y., assignor to American Telephone and Telegraph Company. Paper-feeding device. 2,172,913; Sept. 12.
Rose, Edward D. (See Heymann, G. H., and Rose.)
Rose, Edwin L. (See Bush, V., and Rose.)
Rose, Edwin L. (See Doe, T. B., and Rose.)
Rose, Edwin L. (See Doe, T. B., Rose, and Grosser.)
Rose, Edwin L., assignor to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,148,277; Feb. 21.
Rose, Edwin L., assignor to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,168,655; Aug. 8.
Rose, Edwin L., Watertown, and R. L. Tweedale, assignors to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,168,656; Aug. 8.
Rose, George H., Cleveland Heights, Ohio. Metal-rolling mill. 2,175,783; Oct. 10.
Rose, George M., Jr., East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Stem for electron discharge devices. Re. 21,163; July 25.
Rose, George M., Jr., Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,167,852; Aug. 1.
Rose, Harold J., Pittsburgh, assignor to The Philadelphia and Reading Coal and Iron Company, Philadelphia, Pa. Draft control. 2,151,642; Mar. 21.
Rose, Harry, Wyandotte, Mich. Flow and temperature regulator for automotive vehicle engine cooling systems. 2,174,042; Sept. 26.
Rose, Herbert A., Leonia, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Mercury vapor pump cooling system. 2,147,459; Feb. 14.
Rose, Herbert A., Leonia, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Excitation system. 2,154,284; Apr. 11.
Rose, Herbert A., Leonia, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric device. 2,179,302; Nov. 7.
Rose, Herbert A., Leonia, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Anode heater for high voltage rectifiers. 2,182,643; Dec. 5.
Rose, Herbert E. (See Loepsinger, A. J., and Rose.)
Rose, Jack I., et al. (See Nelson, Henry A., assignor.)
Rose, James R., Edgeworth, Pa., assignor of one-half to C. A. Strobel, Akron, Ohio. Receptacle for cooling and transporting liquids. 2,148,278; Feb. 21.
Rose, James R., Edgeworth, Pa. Catalyst. 2,158,154; May 16.
Rose, James R., Edgeworth, Pa. Converting gaseous hydrocarbon material into normally liquid hydrocarbon material. 2,163,155; June 20.
Rose, James R., Edgeworth, Pa. Manufacturing liquid hydrocarbons. 2,173,374; Sept. 19.
Rose, James R., Edgeworth, Pa. Manufacturing liquid hydrocarbons. 2,173,375; Sept. 19.
Rose, James R., Edgeworth, Pa. Catalyst. 2,173,376; Sept. 19.
Rose, Jay, Brooklyn, N. Y., assignor, by mesne assignments, to Wardmore Corporation. Casement window screen. 2,182,410; Dec. 5.
Rose, Jay, Brooklyn, N. Y., assignor, by mesne assignments, to Wardmore Corporation. Screening and covering device for windows and other openings. 2,183,519; Dec. 12.
Rose, Jess C., assignor to Motion Picture Electric Products, Los Angeles, Calif. Focusing means for incandescent studio spotlights. Re. 21,089; May 16.
Rose, John J. (See Johnson, M. L., and Rose.)
Rose, Joseph P., Poughkeepsie, and F. L. Russell, assignors to Saugerties Manufacturing Co., Saugerties, N. Y. Book construction. 2,161,591; June 6.
Rose, Lawrence J., St. Louis, Mo. Dispensing device with regulated measuring means. 2,176,562; Oct. 17.
Rose, Morris. (See Judsen, N. A., and Rose.)
Rose, Morris, and N. A. Judsen, assignors to Kellogg Switchboard & Supply Company, Chicago, Ill. Connector block. 2,158,305; May 16.
Rose Patch & Label Company. (See Rosenthal, Arthur, assignor.)
Rose, Paul, Clifton, N. J. Decatizing fabrics. 2,174,215; Sept. 26.
Rose, Percy G., assignor to Morris Commercial Cars Limited, Birmingham, England. Frame and wheel axle of motor and other vehicles. 2,172,177; Sept. 5.
Rose, Richard C., Roseland, Ark. Remoting machine. 2,166,023; July 11.
Rose, Silas L., and R. F. Harlan, Sidney, Nebr. Highway shoulder shaper. 2,148,219; Feb. 21.
Rose, Walter E. and C. W., Denver, Colo. Shock absorber for safety belts and the like. 2,175,571; Oct. 10.
Rose, William H., Jersey City, N. J., assignor to Stanco Inc. Discharge tube for dust guns. 2,156,268; May 2.
Rose, William H., Jersey City, N. J. Device for placement of nipples and similar devices upon bottles. 2,158,527; May 16.
Rose, William K., New York, N. Y. Airfoil. 2,167,601; July 25.
Rose, William K., New York, N. Y. Lateral control means for airplanes. 2,170,787; Aug. 22.
Rose, William R., Coventry, assignor to The General Electric Company Limited, London, England. Electromagnetic relay. 2,182,452; Dec. 5.
Rosebaugh, Theodore W., Oakland, assignor to Shell Development Company, San Francisco, Calif. Desulphurization of hydrocarbons. 2,146,353; Feb. 7.
Rosebush, Waldo E., Millwood, Wash. Sheet folding machine. 2,143,714; Jan. 10.
Rosebush, Waldo E., Millwood, Wash. Insert feed. 2,143,715; Jan. 10.
Rosebush, Waldo E., Millwood, Wash. Moistener. 2,167,727; Aug. 1.
Rosecrans, Crandall Z., assignor to Leeds & Northrup Company, Philadelphia, Pa. System for heat treatment. 2,176,473; Oct. 17.
Rosedale Knitting Co. (See Lasch, Willy H., assignor.)
Roselius, Ludwig, Bremen, Germany. Manufacture of a food product from cocoa powder, grape sugar (dextrose), and mineral salts. 2,147,549; Feb. 14.
Roselló, Juan P., Sunnyside, Long Island, N. Y. Advertising display holder. 2,142,826; Jan. 3.
Roselló, Juan P., Sunnyside, Long Island, N. Y. Match book. 2,175,703; Oct. 10.
Roselund, Harold A. (See Buzzard, G. H., and Roselund.)
Roseman, Joseph A., Evanston, Ill. Multiple gang tractor mower. 2,153,876; Apr. 11.
Roseman, Joseph A., Glenview, Ill. Multiple gang mowing machine. 2,177,189; Oct. 24.
Roseman, Leo, Newark, N. J. Sewing machine for producing superposed stitches. 2,153,006; Apr. 4.
Roseman, Leo, Newark, N. J. Locking separable fastener. 2,184,650; Dec. 26.
Roseman, Reuben. (See Katzoff, S., and Roseman.)
Rosén, Carl G. A., Oakland, assignor to Caterpillar Tractor Co., San Leandro, Calif. Engine. 2,148,505; Feb. 28.
Rosen, Herman L. (See Higgins, L. J., and Rosen.)
Rosen, Oscar E., Detroit, Mich. Tracer for duplicating machines. 2,162,491; June 13.
Rosen, Raphael. (See Gilliland, E. R., and Rosen.)
Rosen, Raphael. (See Gleason, A. H., and Rosen.)
Rosen, Raphael. (See Mikeska, L. A., and Rosen.)
Rosen, Raphael. (See Slotterbeck, O. C., and Rosen.)
Rosen, Raphael. (See Wiezevich, P. J., and Rosen.)
Rosen, Raphael, Cranford, N. J., assignor to Standard Oil Development Company. Lubricating oil composition. 2,150,400; Mar. 14.
Rosen, Raphael, Cranford, N. J., assignor to Standard Oil Development Company. Hydrocarbon composition. 2,181,913; Dec. 5.
Rosen, Raphael, Cranford, N. J., assignor to Standard Oil Development Company. Oil composition containing arylated metallo-organic inhibitors. 2,181,914; Dec. 5.
Rosen, Raphael, Elizabeth, N. J., assignor to Standard Oil Development Company. Inhibited motor oils. 2,158,668; May 16.
Rosen, Raphael, Elizabeth, N. J., assignor to Standard Oil Development Company. Hydrocarbon composition. 2,181,915; Dec. 5.
Rosen, Raphael, Cranford, and R. M. Thomas, Elizabeth, N. J., assignors to Standard Oil Development Company. Lubricating oils. 2,153,973; Apr. 11.
Rosen, Raphael, Elizabeth, and R. M. Thomas, Union, N. J., assignors to Standard Oil Development Company. Polymer composition. 2,160,172; May 30.
Rosen, Raphael, Elizabeth, and R. M. Thomas, Union, N. J., assignors to Standard Oil Development Company. Producing valuable polymers from hydrocarbon gases. 2,178,808; Nov. 7.
Rosen, Samuel S. (See Anderson, W. J., and Rosen.)
Rosenbach, Johann. (See Platz, C., and Rosenbach.)
Rosenbaum, Benjamin, New York, N. Y. Mechanical jointure. 2,161,978; June 13.
Rosenbaum, Kurt, Friedrich Alfred-Hutte, Rheinhausen, assignor to Fried. Krupp Grusonwerk, Aktien Gesellschaft, Magdeburg-Buckau, Germany. Rolling mill. 2,150,248; Mar. 14.
Rosenberg, Abraham, Brooklyn, N. Y. Adjustable arm support. 2,172,178; Sept. 5.
Rosenberg, Benjamin F., and J. A. Scully, assignors to Scully-Jones & Company, Chicago, Ill. Tool holder. 2,182,411; Dec. 5.
Rosenberg Bros. & Co. (See Bartlett, Harold W., assignor.)
Rosenberg Bros. & Co. (See Martin, Ernest E., assignor.)
Rosenberg, George. (See Kaplan, M., and Rosenberg.)
Rosenberg, George, New Rochelle, N. Y. Case. 2,146,514; Feb. 7.
Rosenberg, Heyman, New York, N. Y. Method and machine for making capped nut blanks. 2,160,087; May 30.
Rosenberg, Heyman, New York, N. Y. Forming ribbed fasteners. 2,165,007; July 4.
Rosenberg, Heyman, New York, N. Y. Die. 2,165,008; July 4.
Rosenberg, Heyman, New York, N. Y. Die and the art of forming anchorage instruments. 2,165,009; July 4.
Rosenberg, Heyman, New York, N. Y. Anchorage apparatus. 2,165,010; July 4.
Rosenberg, Heyman, New York, N. Y. Anchorage apparatus. 2,165,011; July 4.
Rosenberg, Max B., Los Angeles, Calif. Bottle holder. 2,182,164; Dec. 5.

Rosenberg, Philip, assignor to Universal Fixture Corporation, New York, N. Y. Table construction. 2,166,196; July 18.
Rosenberg, Philip, and E. Mically, assignors to Universal Fixture Corporation, New York, N. Y. Table construction. 2,166,195; July 18.
Rosenberg, Ralph H., Detroit, Mich., assignor to Detroit Duo-Grip Brake Corporation. Brake mechanism. 2,143,998; Jan. 17.
Rosenberg, Smith A., Valparaiso, Ind. Prefabricated step unit. 2,171,951; Sept. 5.
Rosenberg, Stig E., Brockton, Mass. Windshield wiper. 2,158,254; May 16.
Rosenberg, Stig E., Brockton, Mass. Mechanism for edge staining leather and the like. 2,170,218; Aug. 22.
Rosenberg, Stig E., Brockton, Mass. Perforating machine. 2,170,646; Aug. 22.
Rosenberg, Stig E., Brockton, Mass. Perforating machine. 2,171,482; Aug. 29.
Rosenberg, Walter, The Hague, Netherlands. Making slippers. 2,145,635; Jan. 31.
Rosenberger, Albert J., assignor to Republic Flow Meters Company, Chicago, Ill. Control system and method. 2,178,864; Nov. 7.
Rosenberger, Charles V. (See Dippel, Harry W., assignor.)
Rosenberger, William A., assignor to Pangborn Corporation, Hagerstown, Md. Valve for abrading apparatus. 2,146,917; Feb. 14.
Rosenberger, William A., assignor to Pangborn Corporation, Hagerstown, Md. Abrading apparatus. 2,163,631; June 27.
Rosenberry, Homer R., Euclid, Ohio. Hydraulic jack and making same. 2,153,845; Apr. 11.
Rosenberry, Homer R., Euclid, Ohio. Hydraulic jack. 2,170,464; Aug. 22.
Rosenberry, Homer R., Euclid, assignor to C. W. Brand, Cleveland, Ohio. Hydraulic jack. 2,145,014; Jan. 24.
Rosenberry, Homer R., Euclid, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Plate fastening device. 2,175,318; Oct. 10.
Rosenblatt, Edgar F., East Orange, assignor to Baker & Company, Inc., Newark, N. J. Platinum metal compounds and making them. 2,166,076; July 11.
Rosenblatt, Edgar F., East Orange, assignor to Baker & Company, Inc., Newark, N. J. Heavy metal cyclic nitroso compounds and making them. 2,178,809; Nov. 7.
Rosenblatt, Philip, Brooklyn, assignor to Biolite Incorporated, New York, N. Y. Display device. 2,162,897; June 20.
Rosenblatt, Philip, Brooklyn, assignor to Biolite Incorporated, New York, N. Y. Display device. 2,182,570; Dec. 5.
Rosenblum, Israel, New York, N. Y. Polyhydric alcohol-polybasic acid resin and making same. 2,154,471; Apr. 18.
Rosenblum, Israel, Jackson Heights, N. Y. Resinous condensation products and preparing same. 2,169,991; Aug. 15.
Rosenblum, Israel, Jackson Heights, Long Island, N. Y. Synthetic resins. 2,175,215; Oct. 10.
Rosenbloom, Louis, assignor of one-half to J. P. Catsigianis, St. Louis, Mo. Projection apparatus. 2,147,612; Feb. 14.
Rosenbusch, Richard. (See Braun, K., and Rosenbusch.)
Rosencranz, Emil C., assignor of one-half to J. F. Bartholome, Evansville, Ind. Stovepipe anchor. 2,179,055; Nov. 7.
Rosendale, Robert W., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Cabinet. 2,167,525; July 25.
Rosene, Victor E., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical measuring, recording, and control system. 2,165,510; July 11.
Rosener, Harold J., assignor of four-tenths to R. Meidl, one-tenth to H. H. Flor, and one-tenth to V. P. Reim, New Ulm, Minn. Road marker. 2,157,059; May 2.
Rosener, Leland S., San Francisco, Calif. Dredging apparatus. 2,147,062; Feb. 14.
Rosenfeld, Calvert S., Darby, Pa. Right and left opening door and hanger structure. 2,166,534; July 18.
Rosenfeld, Harry, Inc. (See Brody, Benjamin R., assignor.)
Rosenfeld, Hermann, and J. Morhard, Mannheim, Germany. Apparatus for creping sheet material. 2,165,728; July 11.
Rosenfeld, Simon, assignor of one-half to L. Tockerman, New York, N. Y. Needle guard for sewing machines. 2,175,030; Oct. 3.
Rosenfelder, George A., Haysville, Pa. Attachment for bird cages. 2,174,481; Sept. 26.
Rosenfelder, Herbert, Columbus, Ohio. Garment. 2,142,479; Jan. 3.
Rosenfelder, Karl. (See Manz, F., and Rosenfelder.)
Rosengart, Paul, Lugano-Massagno, Switzerland, and E. Rabald, Mannheim, Germany, assignors to Pola Fabricca Di Prodotti Chimici S. A., Melano, (Ticino) Switzerland. Barbituric acid compounds. 2,146,989; Feb. 14.
Rosenhauer, Charles G., Brooklyn, assignor of one-half to A. E. Lackenbach, New York, N. Y. Optical system for stereoscopic motion picture production and projection. 2,157,099; May 9.
Rosenlöcher, Otto, Berlin-Spandau, Germany, assignor to General Electric Company. Elastic fluid turbine nozzle. 2,166,823; July 18.
Rosenmund, Alfred L., Rockaway, N. J., assignor to Stapling Machines Co. Stapling machine. 2,143,577; Jan. 10.
Rosenmund, Alfred L., Rockaway, N. J., assignor to Stapling Machines Co. Clutch mechanism. 2,153,007; Apr. 4.
Rosenmund, Alfred L., Rockaway, N. J., assignor to Stapling Machines Co. Machine for making wired box parts. 2,161,200; June 6.
Rosenstein, Ludwig. (See Hund, W. J., and Rosenstein.)
Rosenstein, Ludwig, assignor to Shell Development Company, San Francisco, Calif. Fertilization for vegetation. 2,163,065; June 20.
Rosenstein, Ludwig, assignor to Shell Development Company, San Francisco, Calif. Recovery of carbon dioxide from gaseous hydrocarbons. 2,182,305; Dec. 5.
Rosenthal, Arthur, Chicago, Ill. Article holder for cooking utensil covers. 2,165,654; July 11.
Rosenthal, Arthur, assignor to Rose Patch & Label Company, Grand Rapids, Mich. Label cutting and folding machine. 2,144,084; Jan. 17.
Rosenthal, August. (See Rosenthal, Henry L. and A.)
Rosenthal, Dunbar A. (See Winter, C. P., and Rosenthal.)
Rosenthal, Henry, New York, N. Y. Oil treating process. 2,152,664; Apr. 4.
Rosenthal, Henry, New York, N. Y. Oil extraction. 2,152,665; Apr. 4.
Rosenthal, Henry, New York, N. Y. Separation of oils. 2,152,666; Apr. 4.
Rosenthal, Henry, New York, N. Y. Extracting animal oils. 2,152,667; Apr. 4.
Rosenthal, Henry L. and A., Wauwatosa, assignors to Rosenthal Manufacturing Co., West Allis, Wis. Corn husker and shredder. 2,184,083; Dec. 19.
Rosenthal, Henry L. and A., Wauwatosa, assignors to Rosenthal Manufacturing Co., West Allis, Wis. Trailer implement. 2,184,084; Dec. 19.
Rosenthal, Joseph J., and W. Waskiewicz, Paterson, N. J. Take-up mechanism for looms. 2,154,285; Apr. 11.
Rosenthal, Lazar, and J. Kamlet, Brooklyn, N. Y. Preparation of a slowly absorbed antidiabetic hormone. 2,156,545; May 2.
Rosenthal, Lazarus, Atlantic City, N. J. Arch supporting pad. 2,181,522; Nov. 28.
Rosenthal Manufacturing Co. (See Rosenthal, Henry L. and A., assignors.)
Rosenthal, Morris G., Cleveland, assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Overhead carrier system. 2,161,388; June 6.
Rosenwald, Moses, Brooklyn, N. Y., and L. Ekes, Lwow, Poland. Siphon valve stopper for bottles. 2,171,373; Aug. 29.
Rosenzweig, Siegfried, Long Island City, N. Y. Vibration isolation unit. 2,173,342; Sept. 19.
Rosenzweig, Siegfried, Long Island City, N. Y. Vibration dampening apparatus. 2,174,216; Sept. 26.
Rosenzweig, Siegfried, Long Island City, N. Y. Vibro-Isolator. 2,175,784; Oct. 10.
Roshak, Frank, Tigard, Oreg. Dumping scraper. 2,145,497; Jan. 31.
Roshong, Roy G. (See Studer, C. W., Roshong, and Miller.)
Rosin, Edwin A., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Mounting glass sheets upon work tables. 2,160,033; May 30.
Rosin, Maurice, Brooklyn, N. Y. Telephone system. 2,170,429; Aug. 22.
Rösler, Ernst R. A. G., H. W. Schwarting, and K. R. W. Kressel, assignors to the firm of Montblanc-Simplo Gesellschaft mit beschränkter Haftung, Hamburg, Germany. Fountain pen. 2,167,815; Aug. 1.
Rosmait, John A., Manistee, Mich. Pulp stock agitating apparatus. 2,164,944; July 4.
Rosner, Frederick, Brooklyn, N. Y. Driving means for rotary pumps and engines. 2,180,851; Nov. 21.
Rosner, Max., assignor to General Outdoor Advertising Company, Chicago, Ill. Prefabricated billboard. 2,151,872; Mar. 28.
Rosner, Michael W., St. Paul, Minn. Propeller governor. 2,157,349; May 9.
Ross, Alan W. (See Henderson, Angus D., assignor.)
Ross, Albert M. (See Rand, J. H., Jr., and Ross.)
Ross, Cecil L., Upper Montclair, N. J. Recording device. 2,160,909; June 6.
Ross, Charles E., and T. E. Perks, London, England. Registering device. 2,151,618; Mar. 21.
Ross, Donald M., Granger, Wash. Closure device. 2,157,218; May 9.
Ross, Elmer G., Bloomfield, assignor to Worthington Pump and Machinery Corporation, Harrison, N. J. Steam ejector. 2,183,623; Dec. 19.
Ross, Ernest, North Chili, N. Y., assignor, by mesne assignments, to Radio Corporation of America. Sprocket assembly. 2,146,767; Feb. 14.
Ross, Ernest, Richmond Hill, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Film marking device. 2,177,788; Oct. 31.
Ross, Frank A. (See Thomas, G. F., Ross, and Bystricky.)
Ross, Fred A. (See Doty, R. B., and Ross.)

Ross, Frederick N., Detroit, Mich., F. L. Scoutten, Hudson, Ohio, and J. F. Ferm, Midland, Pa., assignors to Mid-West Forge Company, Cleveland, Ohio. Apparatus for making roll-forged articles. 2,150,402; Mar. 14.

Ross, Frederick N., Grosse Pointe Park, assignor to Ash Products Corporation, Detroit, Mich. Clinch-on nut. 2,158,989; May 16.

Ross Gear & Tool Company. (See Creson, William K., assignor.)

Ross, George A., Norwood, assignor to The Cincinnati Ball Crank Company, Cincinnati, Ohio. Field standard. 2,160,754; May 30.

Ross, J. O., Engineering Corporation. (See Stratton, John F. O., assignor.)

Ross, James W., Washington, Pa., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Guide and deflector for glass charges. 2,148,220; Feb. 21.

Ross, John, New York, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Sulphuric acid derivatives of polyisobutylene. 2,160,343; May 30.

Ross, John F., Toronto, Ontario, Canada. Washing machine. 2,175,853; Oct. 10.

Ross, King, Jackson Heights, Long Island, N. Y. Recorded music pitch and tempo adjustment indicating device. 2,142,591; Jan. 3.

Ross, King, Jackson Heights, Long Island, N. Y. Subdued melody phonograph and accompaniment record. 2,153,027; Apr. 4.

Ross, Oscar A., New York, N. Y. Producing sound motion pictures and apparatus therefor. 2,147,499; Feb. 14.

Ross, Oscar A., New York, N. Y. Motor vehicle and control apparatus therefor. 2,177,151; Oct. 24.

Ross, Oscar A., New York, N. Y. Motion picture film reel. 2,177,152; Oct. 24.

Ross, Oscar A., and F. Shackleford, New York, N. Y. Vacuum cleaner dolly. 2,177,153; Oct. 24.

Ross, Oscar A., New York, N. Y. Paper fastener. 2,182,058; Dec. 5.

Ross, Oscar A., New York, N. Y. Optical apparatus. 2,184,816; Dec. 26.

Ross, Thomas E. (See Pyle, E. H., and Ross.)

Ross, Verel C., Seattle, Wash. Closure for envelopes. 2,163,916; June 27.

Ross, Warren A., Gaverhill, Mass., assignor to D. M. Carter, Chicago, Ill. Drilling device. 2,164,348; July 4.

Ross, Willard, Kamloops, British Columbia, Canada. Wire twister. 2,176,276; Oct. 17.

Ross, William H., Estevan, Saskatchewan, Canada. Cylinder head construction for Diesel engines. 2,154,358; Apr. 11.

Rossander, Swanie S. (See Hannum, C. W., and Rossander.)

Rossander, Swanie S. (See Hitch, E. F., Rossander, and Kvalnes.)

Rossander, Swanie S. (See Jordan, H., and Rossander.)

Rossander, Swanie S. (See Mathieu, H. W., and Rossander.)

Rossander, Swanie S. (See Murphy, A. R., and Rossander.)

Rossander, Swanie S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes and their application. 2,144,463; Jan. 17.

Rossander, Swanie S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes. 2,148,134; Feb. 21.

Rossander, Swanie S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dye. 2,148,135; Feb. 21.

Rossander, Swanie S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Disazo dyes and making same. 2,150,191; Mar. 14.

Rossander, Swanie S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes. 2,155,685; Apr. 25.

Rossander, Swanie S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Direct dyes, process and product. 2,158,306; May 16.

Rossander, Swanie S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes. 2,161,638; June 6.

Rossander, Swanie S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes. 2,164,785; July 4.

Rossander, Swanie S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Developable azo dyes and producing the same on the fiber. 2,164,786; July 4.

Rossander, Swanie S., Wilmington, Del., and C. W. Croco, Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Di (amino-aroyl) alkylene diamines. 2,164,787; July 4.

Rossander, Swanie S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dyeings with polyazo dyes. 2,167,779; Aug. 1.

Rossander, Swanie S., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Disazo dyestuffs. 2,167,780; Aug. 1.

Rossander, Swanie S., and H. W. Mathieu, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Substituted benzanilides and their preparation. 2,150,190; Mar. 14.

Rossander, Swanie S., Wilmington, Del., and H. E. Woodward, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes from ring acylated phenols. 2,174,998; Oct. 3.

Rossberg, William N. (See Allingham, John, assignor.)

Rosselle, Hiram L., Miami, Fla. Fishing lure. 2,176,803; Oct. 17.

Rosselli, Alfredo, Milan, Italy. Device for connecting the shoe of a rail to a carrier of concrete or the like. 2,174,229; Sept. 26.

Rossen, Harris, St. Louis, Mo. Self-propelled electric iron. 2,164,085; June 27.

Rossetter, Charles F. (See Stone, F. B., Arquette, and Rossetter C. F. and R. J.)

Rossetter, Richard J. (See Stone, F. B., Arquette, and Rossetter, C. F. and R. J.)

Rössger, Walther, Heidenau, Germany. High speed cylinder printing press. 2,145,056; Jan. 24.

Rossi, Mariano, Cleveland, Ohio. Milk container. 2,154,584; Apr. 18.

Rossi, Rocco F., assignor to A. R. Hyde and Sons Co., Cambridge, Mass. Shoe upper. 2,156,819; May 2.

Rossi, Umberto, Milan, Italy, assignor to G. Perera, New York, N. Y. Transparent mounting frame for pictures. 2,169,290; Aug. 15.

Rossini, Caesar, and T. D. Pieragostini, New Haven, Conn. Broiler. 2,148,879; Feb. 28.

Rossiter, Monroe C. (See Rossiter, William M., Jr., and M. C.)

Rossiter, William M., Jr., and M. C., Albuquerque, N. Mex. Latch. 2,178,313; Oct. 31.

Rössler, Georg. (See Frankenburger, W., and Rössler.)

Rössler, Theodor, Neustadt (Orla), Germany. Wire netting machine. 2,164,043; June 27.

Rossman, Allen M., Wilmette, Ill. Electric locomotive. 2,157,928; May 9.

Rossman, Allen M., Wilmette, Ill. Power transmission. 2,170,838; Aug. 29.

Rossman, Edwin F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Shock absorber. 2,145,736; Jan. 31.

Rossman, Edwin F., and F. D. Funston, Dayton, Ohio, assignors to General Motors Corporation, Detroit, Mich. Shock absorber. 2,148,839; Feb. 28.

Rossmann, Peter F., Kenmore, N. Y., assignor to Curtiss-Wright Corporation. Cooling of machine guns. 2,146,554; Feb. 7.

Rossmann, Peter F., assignor to Packard Motor Car Company, Detroit, Mich. Hydraulic brake system. 2,154,111; Apr. 11.

Rossmann, Peter F., assignor to Packard Motor Car Company, Detroit, Mich. Shock absorber control means. 2,156,546; May 2.

Rossmann, Peter F., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,157,499; May 9.

Rossmann, Peter F., assignor to Packard Motor Car Company, Detroit, Mich. Fluid pressure operated master cylinder. 2,165,942; July 11.

Rossomando, Antony. (See Chieffo, R., and Rossomando.)

Rosson, Earl, Florence, Ariz. Portable barbecue pit. 2,143,999; Jan. 17.

Rossow, Walter D. (See Robie, N. P., and Rossow.)

Rost, Helge, Mexico, D. F., Mexico. Electrical insulation. 2,154,138; Apr. 11.

Rostedt, Robert. (See Smith, E. E., and Rostedt.)

Rostin, Heliodor, and K. Schuster, Berlin, Germany. Oil refining process. 2,171,009; Aug. 29.

Rostler, Fritz and V. Mehner, Vienna, Austria, assignors to Naftolen-Gesellschaft zur Verwertung der Rostler-Mehner'schen Verfahren m. b. H., Vienna, Germany. Producing mixtures for use in the manufacturing of rubber goods and in allied branches of industry. 2,180,367; Nov. 21.

Rostron, Joseph A., Cambridge, Mass. Alternating current buzzer. 2,180,881; Nov. 21.

Rostvedt, Julian O. (See Clark, George W., assignor.)

Roswell Motor Supply Company. (See Urton, William C., assignor.)

Roswell Welding Company. (See Jones, Johnie J., assignor.)

Rotary Index Co. (See Bruen, George C., assignor.)

Rotary Seal Co. (See Gilman, George P., assignor.)

Rotary Snow Plow Company. (See Behrens, H. J., Bemis, Greer, and Morrison, assignors.)

Rotchford, John G., trustee. (See Aumack, Frank L., assignor.)

Rotermund, Maynard A. (See Jones, L. T., Kennedy, and Rotermund.)

Rotermund, Maynard A. (See Kennedy, H. E., Rotermund, and Jones.)

Roth, August A., Baltimore, Md. Motor vehicle fender. 2,157,147; May 9.

Roth, August A., Baltimore, Md. Pickup fender. 2,179,163; Nov. 7.

Roth, Christian, Zurich, Switzerland. Circuit breaking device for electrical alarm installations. 2,171,245; Aug. 29.

Roth, Ernst, assignor to the film Gebrüder Buhler, Uzwil, Switzerland. Elevator of the endless band type. 2,163,353; June 20.

Roth, Ernst, assignor to the firm Gebruder Buhler, Uzwil, Switzerland. Roller mill having feed controlled grinding rollers. 2,174,843; Oct. 3.

Roth, Heinz, and J. Möller, Frankfort-on-the-Main, Germany, assignors to Askania-Werke A. G. Electrically driven gyroscope. 2,176,804; Oct. 17.
Roth, Henry J., Brooklyn, N. Y., assignor to Eberhard Faber Pencil Co. Eraser holding means. 2,142,377; Jan. 3.
Roth, Paul C., assignor to Boiler Room Equipment, Inc., New York, N. Y. Oil burner nozzle. 2,184,471; Dec. 26.
Roth, Roger E., Clichy, assignor to Société d'Etude pour l' Acide Carbonique, Clichy, Seine, France. Apparatus for the saturation of liquids by gas. 2,172,035; Sept. 5.
Roth Rubber Company. (See Knight, William W., assignor.)
Roth, Sydney. (See Lombardo, J., assignor.)
Roth, Wendel M., Trenton, N. J. Boiler. 2,146,094; Feb. 7.
Rothchild, David, New York, N. Y., assignor to The Palmer Brothers Company, New London, Conn. Sewing machine. 2,152,819; Apr. 4.
Rothe, Horst, and W. Kleen, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron discharge tube. 2,144,085; Jan. 17.
Rothe, Horst, and R. Urtel, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Demodulating device. 2,167,033; July 25.
Rothelius, Bertil. (See Dahlström, R., and Rothelius.)
Rothenberg, E. (See Hirche, Willy, assignor.)
Rothenberg, Sam. (See Sears, H. M., and Rothenberg.)
Rothenberger, Simon W., and W. E. and D. A. Cornman, Minneapolis, Minn. Hydrometer attachment for motor propelled vehicles. 2,147,500; Feb. 14.
Rothenbush, Ray E., Los Angeles, Calif., assignor of one-half to B. Druding, Beech Grove, Ind. Ice cream cutter and server. 2,178,648; Nov. 7.
Rothfield, Max, Brooklyn, N. Y. Support for sewing machine tables. 2,168,451; Aug. 8.
Rothhaas, Alexander. (See Schmidt, W., Thewalt, and Rothhaas.)
Röthig, Ernst. (See Röber, C. F., and Röthig.)
Rothman, Emanuel M., Philadelphia, Pa. Reversible sport suit. 2,144,389; Jan. 17.
Rothrock, Henry S. (See Underwood, W. F., and Rothrock.)
Rothrock, Henry S., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic pellicles and preparing same. 2,170,839; Aug. 29.
Rothrock, Henry S., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic film and preparing same. 2,170,840; Aug. 29.
Rothrock, Ralph K. (See Thurber, Edward J., assignor.)
Rothschild, Sol, Brooklyn, N. Y. Magazine knife and blade therefor. 2,172,072; Sept. 5.
Rothstein, Dorothy, New York, N. Y. Garment. 2,160,521; May 30.
Rothstein, John J., Paterson, N. J. Dispensing bottle. 2,148,840; Feb. 28.
Rothweiler, Friedrich, Hofheim in Taunas, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparing alkyl halides. 2,172,568; Sept. 12.
Roto Company, The. (See Rodgers, James P., assignor.)
Rotol Airscrews Limited. (See Fedden, A. H. R., and Milner, assignors.)
Rotomotor Corporation. (See Gardner, Cummings, assignors.)
Rotor-Way Corporation, The. (See Parr, Webster A., assignor.)
Rottenburg, Henry, Cambridge, England. Threaded and other bolts, pins, and the like. 2,167,910; Aug. 1.
Rotter, Louis, Cambridge Springs, Pa. Drafting implement. 2,174,137; Sept. 26.
Rotter, Lutwin C., Maplewood, Mo., assignor to Lincoln Engineering Company, St. Louis, Mo. Relief device for lubricating apparatus. 2,162,898; June 20.
Rotter, Lutwin C., Maplewood, assignor to Lincoln Engineering Company, St. Louis, Mo. Lubricating apparatus. 2,169,291; Aug. 15.
Rotter, Max, Milwaukee, Wis., assignor, by mesne assignments, to Reconstruction Finance Corporation, St. Louis, Mo. Internal combustion engine. 2,149,982; Mar. 7.
Roualet, Andre J. E., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Air heater. 2,177,840; Oct. 31.
Rouan, Francis J., and F. C. Sova, assignors to Pitney-Bowes Postage Meter Co., Stamford, Conn. Moistening device. 2,167,252; July 25.
Rouette, Eduard. (See Köhler, F., Rouette, and Standop.)
Rougemont, Rene L., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Method and machine for metalworking. 2,142,735; Jan. 3.
Rougemont, René L., assignor to Ingersoll Milling Machine Company, Rockford, Ill. Machine for metalworking. 2,142,736; Jan. 3.
Rougier, Pierre, La Courtine, Creuse, France. Snow plow. 2,152,092; Mar. 28.
Roulements a Billes Miniatures S. A. (See Annen, Robert, assignor.)
Round, Albert A. (See Murphy, E. A., Round, and Norcross.)
Round, David, & Son. (See Martin, Charles C., assignor.)
Round, Henry J., Westfield, Muswell Hill, London, England, assignor to Radio Corporation of America. Picture telegraphy. Re. 21,105; May 30.
Rounds, Robert. (See Williams, S. T., and Rounds.)
Rountree, John H. (See Rockefeller, H. E., and Rountree.)
Rous, Arthur, assignor to Federal Carton Corporation, New York, N. Y. Bottle carton. 2,173,494; Sept. 19.
Rouse, Edward H., Thomaston, Conn., assignor to Automatic Sprinkler Company of America, Cleveland, Ohio. Retard device for automatic fire control systems. 2,168,244; Aug. 1.
Rouse, John H., assignor to S. A. Sollie, Los Angeles, Calif. Mechanical sound record in film. 2,153,529; Apr. 4.
Roush, Paul A. (See Monegan, E. D., and Roush.)
Rousseau, Raymon E. (See Whedon, L. G. S., Grinnell, and Rousseau.)
Rousselet, Robert. (See Nicolet, V., and Rousselet.)
Rousselot, Marcelle, born Tricau, Paris, France. Parachute. 2,146,990; Feb. 14.
Routh, Almond C., Sandusky, Ohio. Ice cream manufacturing apparatus. Re. 20,987; Jan. 24.
Routh, Almond C., Sandusky, Ohio. Material packaging. 2,160,285; May 30.
Routtenberg, Zacharia, Los Angeles, Calif. Sewing machine attachment. 2,145,698; Jan. 31.
Roux, Erwin. (See Moerbitz, K., and Roux.)
Rouy, Auguste L. M. A., Paris, France. Damping the vibrations of pipes. 2,151,280; Mar. 21.
Röver, Wilhelm, Kiel, Germany. Incandescent lamp. 2,182,904; Dec. 12.
Rovick, John D. (See Drader, J. C., and Rovick.)
Rovner, Leopold, Chicago, Ill., assignor of one-half to Protherio Radium Memorial. Apparatus for detecting ionizing radiations of very low intensity. 2,161,979; June 13.
Rowan, John V., University City, Mo. Garment hanger, 2,169,538; Aug. 15.
Rowe, Abner T., Jr., et al. (See Rowe, Maude H., assignor.)
Rowe, Andrew R., McKeesport, assignor to Harbison-Walker Refractories Company, Pittsburgh, Pa. Casting metals. 2,148,583; Feb. 28.
Rowe, Donald H. (See Hund, W. J., and Rowe.)
Rowe, Ernest D., and H. A. Zetterlund, Sioux Falls, S. Dak. Jaw crusher mechanism. 2,173,862; Sept. 26.
Rowe, George E., Wethersfield, assignor to Hartford-Empire Company, Hartford, Conn. Method of and apparatus for forming hollow glass articles. 2,142,954; Jan. 3.
Rowe, George E., Wethersfield, assignor to Hartford-Empire Company, Hartford, Conn. Process of and apparatus for forming hollow glass articles. 2,142,955; Jan. 3.
Rowe, Hobart E. (See McArthur, E. D., and Rowe.)
Rowe, Hobart E., Schenectady, N. Y., assignor to General Electric Company. Starting electrode for pool tubes. 2,159,770; May 23.
Rowe, Howard J., Lakewood, Ohio, assignor to Aluminum Company of America, Pittsburgh, Pa. Drying roll. 2,151,048; Mar. 21.
Rowe, James W. (See Farmer, E. H., Stevens, and Rowe.)
Rowe, Louis F., assignor to American Optical Company, Southbridge, Mass. Lens blocking. 2,151,233; Mar. 21.
Rowe Manufacturing Co. (See Rowe, W. H., and Gabrielson, assignors.)
Rowe, Marion H., et al. (See Beckler, Oakley K., assignor.)
Rowe, Marion H., Dallas, assignor of seventy two and one-half percent to J. H. Reynolds, Cisco, and five percent to J. A. Schley, Dallas, Tex. Circuit breaker. 2,171,866; Sept 5.
Rowe, Martin L., assignor to The Gerrard Company, Inc., Chicago, Ill. Car wall anchorage for cargo binders. 2,170,913; Aug. 29.
Rowe, Maude H., assignor of one-fourth to R. L. Stevens, and one-fourth to A. T. Rowe, Jr., Washington, D. C. Cover for toilet seat cover. 2,167,587; July 25.
Rowe, Raymond N., assignor to The Trumball Electric Manufacturing Company, Plainville, Conn. Circuit breaker. 2,150,564; Mar. 14.
Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Front operated switch. 2,163,230; June 20.
Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric connector. 2,164,022; June 27.
Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Circuit breaker. 2,166,555; July 18.
Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Manually and thermostatically operable switch or circuit breaker. 2,171,964; Sept. 5.
Rowe, Raymond N., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Wall mounting for electrical device. 2,183,872; Dec. 19.
Rowe, William H., Detroit, Mich., and C. Gabrielson, Belleville, N. J., assignors to Rowe Manufacturing Co., Inc., New York, N. Y. Coin vending machine. 2,159,603; May 23.

Rowe, William W., Cincinnati, Ohio, assignor, by mesne assignments, to Bemis Bro. Bag Co., St. Louis, Mo. Bag or the like of composite materials. 2,142,656; Jan. 3.

Rowe, William W., Cincinnati, assignor to The Paper Service Company, Lockland, Ohio. Process and machine for making composite creped products. 2,161,092; June 6.

Rowe, William W., Cincinnati, and W. A. Morris, Wyoming, assignors to The Paper Service Company, Lockland, Ohio. Apparatus for imparting stretchability to webs. Re. 20,970; Jan. 3.

Rowe, William W., Cincinnati, and W. A. Morris, Wyoming, assignors to The Paper Service Company, Lock land, Ohio. Apparatus for imparting stretchability to webs. 2,158,087; May 16.

Rowell, John T., assignor to The Bock Machine Company, Cincinnati, Ohio. Apparatus for carbonating water. 2,181,768; Nov. 28.

Rowell, Ralph M., Lynn, Mass., assignor to General Electric Company. Recording instrument. 2,185,038; Dec. 26.

Rowland, Arthur L. (See Holmes, M. B., and Rowland.)

Rowland, Davidge H., Baltimore, Md., assignor to Locke Insulator Corporation. Glazed ceramic insulator and the like. 2,157,100; May 9.

Rowland, James M. (See Bradshaw, B. M., and Rowland.)

Rowland, Thomas C. E., Solihull, and H. Parker, Kings Heath, Birmingham, England. Vehicle brake. 2.144.086; Jan. 17.

Rowland, Thomas C. E., Solihull, and H. Parker, Birmingham, England. Apparatus for delivering liquids and viscous materials. 2,157,970; May 9.

Rowland, Walter B., Upper Montclair, and W. R. Linden, Palisades Park, N. J., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Metal scarfing machine and process. 2,152,213; Mar. 28.

Rowlett, Frank B. (See Friedman, W. F., and Rowlett.)

Rowlett, Vinton H. (See Hamilton, G. W., and Rowlett.)

Rowley, Arthur C., Drexel Hill, assignor to Globe Automatic Sprinkler Company, Philadelphia, Pa. Sprinkler system. 2,180,258; Nov. 14.

Rowley, Russell A., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Multiplying machine. 2,161,592; June 6.

Rowntree, Richardson, Seattle, Wash., and R. H. Rowntree, Columbus, Ohio; said R. H. Rowntree assignor to said R. Rowntree. Loom. 2,146,991; Feb. 14.

Rowntree, Richardson H. (See Rowntree, Richardson and R. H.)

Roxalin Flexible Lacquer Company. (See McArdle, E. H., and Roon, assignors.)

Roy, Albert E., assignor to Vacuum Power Brake Company, Los Angeles, Calif. Vacuum power control apparatus. 2,144,853; Jan. 24.

Roy, Albert E., assignor to Vacuum Power Brake Company, Los Angeles, Calif. Pneumatic control apparatus. 2,144,854; Jan. 24.

Roy, Alfred H., assignor of twenty per cent to W. J. Roy and twenty per cent to R. A. Roy, Hudson, N. H. Brush attachment for dustpans. 2,172,808; Sept. 12.

Roy, Remi S., Providence, assignor of one-half to W. L. Kelman, Cranston, R. I. Animal skin nailer. 2.149,124; Feb. 28.

Roy, Robert A., et al. (See Roy, Alfred H., assignor.)

Roy, Thomas A., Brooklyn, N. Y. Nail-driving device. 2,169,433; Aug. 15.

Roy, Walter J., et al. (See Roy, Alfred H., assignor.)

Roy, Wilfrid J., Bloomfield, N. J., assignor to Gemex Company. Watch container. 2,158,155; May 16.

Royal Battery Corporation. (See Foster, Alfred, assignor.)

Royal Electric Company. (See Muncheryan, Hrand M., assignor.)

Royal, Joseph N., assignor, by mesne assignments, to F. N. Burt Company, Inc., Buffalo, N. Y. Container. 2,180,882; Nov. 21.

Royal Mounters, Inc. (See Mancuso, Ralph J., assignor.)

Royal, Thomas M., & Company. (See Wagner, Melvin, assignor.)

Royal Typewriter Company, Inc. (See Hart, Henry J., assignor.)

Royal Typewriter Company. (See Metzger, William F., assignor.)

Royal Typewriter Company. (See Myers, Lewis C., assignor.)

Royal Typewriter Company. (See Utz, Anthony, assignor.)

Roycroft, Walter R., Ozone Park, assignor to Western Electric Company, Incorporated, New York, N. Y. Control mechanism. 2,183,032; Dec. 12.

Royden, George T., Palo Alto, assignor to Mackay Radio & Telegraph Company, San Francisco, Calif. Antenna system. 2,159,637; May 23.

Royden, George T., South Orange, assignor to Federal Telegraph Company, Newark, N. J. High frequency modulating and transmitting system. 2,165,112; July 4.

Royer Foundry and Machine Co. (See Davies, Stanley B., assignor.)

Royer, Jesse R., Janesville, Iowa. Sweeping machine. 2,156,065; Apr. 25.

Royer, Jesse R., Janesville, and A. W. Blaine and L. R. Weir, Des Moines, Iowa. Ice removing device. 2,156,066; Apr. 25.

Royle, Edwin B., assignor to The Eimco Corporation, Salt Lake City, Utah. Loading machine. 2,159,180; May 23.

Royle, Vernon E., Paterson, N. J. Lining and beveling machine. 2,184,128; Dec. 19.

Roys, Claude A., Wellesley Hills, Mass. Apparatus for baking bread. 2,179,671; Nov. 14.

Roys, Claude A., Wellesley Hills, Mass. Making loaves of bread. 2,179,672; Nov. 14.

Rozenbroek, Meindert D., Delden, Twenthe, Overijsel, Netherlands. Manufacturing textile agents. 2,173,638; Sept. 19.

Rozmarich, Alois, Westmont, Pa., assignor to Bethlehem Steel Company. Radius cutting tool. 2,156,354; May 2.

Roznowski, Martin J. (See Wheler, A. G., and Roznowski.)

Rozumek, Ernst, Berlin-Zehlendorf, Germany, assignor to Sun-Vic Controls Limited, London, England. Electromagnetically operated switch. 2,167,588; July 25.

Rozyskie, Albert G., Mobile, Ala. Electric signaling mechanism. 2,144,124; Jan. 17.

Ruau, Félix F., Deptford, London, assignor to Molins Machine Company, Limited, London, England. Packaging tobacco. 2,144,201; Jan. 17.

Ruau, Félix F., Deptford, London, assignor to Molins Machine Company, Limited, London, England. Manufacture of filter plugs or wads for cigarettes. 2,145,528; Jan. 31.

Ruau, Félix F., assignor to Molins Machine Company, Limited, London, England. Manufacture of filter plugs or wads for cigarettes. 2,145,529; Jan. 31.

Ruau, Félix F., assignor to Molins Machine Company, Limited, London, England. Conveyer for feeding articles. 2,171,193; Aug. 29.

Ruau, Félix F., assignor to Molins Machine Company, Limited, Deptford, London, England. Variable speed gearing. 2,180,481; Nov. 21.

Ruau, Félix F., and A. Bingham, London, assignors to Molins Machine Company, Limited, Dextford, London, England. Manufacture of cigarettes. 2,169,662; Aug. 15.

Rubatex Products, Inc. (See Cooper, Lester S., assignor.)

Rubatex Products, Inc. (See Denton, Geoffrey P., assignor.)

Rubatex Products, Inc. (See Peel, Frederick W., assignor.)

Rubatex Products, Inc. (See Roberts, Dudley, assignor.)

Rubatex Products, Inc. (See Roberts, D., and Cooper, assignors.)

Rubatex Products, Inc. (See Roberts, D., and Reid, assignors.)

Rubber Products, Inc. (See Carter, Mitchell, assignor.)

Rubel, Bernard, New York, N. Y. Pneumatic heel. 2,145,994; Feb. 7.

Rubel, Charles F., assignor to Union Special Machine Company, Chicago, Ill. Lock stitch sewing machine. 2,178,544; Nov. 7.

Rubel, Charles F., and C. C. Smith, assignors to Union Special Machine Company, Chicago, Ill. Lock stitch sewing machine. 2,178,543; Nov. 7.

Ruben, Samuel, New Rochelle, N. Y. Electrical contacting element. 2.154.700; Apr. 18.

Ruben, Samuel, New Rochelle, N. Y. Metal composition. 2,158,864; May 16.

Ruben, Samuel, New Rochelle, N. Y. Film maintaining electrolyte. 2,166,179; July 18.

Ruben, Samuel, New Rochelle, N. Y. Electrolytic condenser. 2,166,180; July 18.

Ruben, Samuel, New Rochelle, N. Y. Fluorescent lamp. 2,170,066; Aug. 22.

Ruben, Samuel, New Rochelle, N. Y. Potential producing cell. 2,178,969; Nov. 7.

Ruben, Samuel, New Rochelle, N. Y. Electrolytic condenser. 2,178,970; Nov. 7.

Rubens, Harry A., Joliet, and E. R. Toerpe, Galesburg, Ill. Game device. 2,146,194; Feb. 7.

Rubens, Harry E., New York, N. Y. Liquid dispensing apparatus. 2,158,948; May 16.

Rubenstein, Harry J., Kansas City, Mo. Display fixture. 2,167,375; July 25.

Rubenstein, Henry, Brooklyn, N. Y. Toy eye blinker. 2,165,113; July 4.

Rubenstein, Joseph, Brooklyn, N. Y. Ornamental trimming in the form of heads and tails of animals suitable for pocketbooks. 2,175,319; Oct. 10.

Rubenstein, Leon, Saltcoats, Scotland, assignor to Imperial Chemicals Industries Limited. Manufacture of anhydrides of unsaturated aliphatic monobasic acids. 2.143.924; Jan. 17.

Rubenstein, Leon, Saltcoats, and W. Taylor, Ardrossan, Scotland, assignors to Imperial Chemical Industries Limited. Manufacture of fuze heads for electrical firing. 2,159,229; May 23.

Ruberoid Co., The. (See Goldschmidt, Frank P., Sr., assignor.)

Rubilino, Carmelo, Philadelphia, Pa. Record book. 2,180,997; Nov. 21.

Rubin, Adolph J., New York, N. Y. Skirt length cutting device. 2.155.241; Apr. 18.

Rubin, David, assignor to Scranton Industrial Development Company, Scranton, Pa. Piston expanding apparatus. 2,174,217; Sept. 26.

Rubin, Frederick W., Indianapolis, Ind. Reinforcement for handles and the like. 2,155,804; Apr. 25.
Rubin, Herbert, New York, N. Y. Game board. 2,145,434; Jan. 31.
Rubinoff, Mark, New York, N. Y. Sealed tag. 2,178,810; Nov. 7.
Rubinstein, Abraham, Brooklyn, N. Y., assignor to Perfect Brassiere Company, Inc., Jersey, City, N. J. Brassière. 2,149,819; Mar. 7.
Rubinstein, Abraham, Brooklyn, N. Y., assignor to Perfect Brassiere Company, Inc., Jersey City, N. J. Brassière. 2,185,159; Dec. 26.
Rubinstein, David, Brookline, Mass., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Planographic printing plate. 2,147,778; Feb. 21.
Rubinstein, Harry, Brooklyn, N. Y. Treating yarns and fabrics made therefrom. 2,160,989; June 6.
Rubinstein, Harry W., assignor to Globe-Union Inc., Milwaukee, Wis. Control device. 2,156,067; Apr. 25.
Rubinstein, Harry W., assignor, by mesne assignments, to Globe-Union Inc., Milwaukee, Wis. Variable resistance. 2,178,241; Oct. 31.
Rubinstein, Wilton, Clayton, Mo. Collar. 2,152,093; Mar. 28.
Rubinstein, Wilton, Clayton, Mo. Collar. 2,152,094; Mar. 28.
Rubinstein, Wilton, Clayton, Mo. Collar. 2,152,095; Mar. 28.
Ruble, Cecil F., Richmond, Ind. Toy vehicle. 2,177,552; Oct. 24.
Ruby Kid Co. (See Ochs, Edwin E., assignor.)
Ruby, Norman, Stratford, Ontario, Canada. Humidifier. 2,160,678; May 30.
Ruch, Philip, assignor to Ferrolene Gases, Inc., Cleveland, Ohio. Gas torch. 2,151,443; Mar. 21.
Rucier, Joseph, Philadelphia, Pa. Flow booster for air pipes. 2,168,783; Aug. 8.
Ruck, George, assignor to Columbia Steel Equipment Company, Philadelphia, Pa. Sway divider for vertical filing receptacles. 2,153,123; Apr. 4.
Ruckel, Erwin, Richmond Hill, N. Y. Hosiery and making it. 2,156,657; May 2.
Ruckel, Erwin, Richmond Hill, assignor to Louis Hirsch Textile Machines, Inc., New York, N. Y. Knitting hosiery. 2,155,686; Apr. 25.
Ruckes, Ludwig. (See Hubmann, O., and Ruckes.)
Ruda, Gustaf W., Stockholm, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal separator. 2,144,229; Jan. 17.
Rudd, Harry B., Flushing, N. Y. System for charging carbon dioxide. 2,157,019; May 2.
Ruddell, Stuart G., and T. Fraser, Winnipeg, Manitoba, Canada. Expanding auger. 2,176,410; Oct. 17.
Ruddle, Allan B., San Francisco, Calif. Preparation of mineral oils for use in paint and the like. 2,178,705; Nov. 7.
Ruddock, William, South Pasadena, assignor of one-half to M. P. McCaffrey, Los Angeles, Calif. Tag-line device. 2,166,479; July 18.
Rude, Robert L., assignor, by mesne assignments to The British American Oil Comany, Limited, Toronto, Ontario, Canada. Protecting vacuum-creating equipment of distilling plants. 2,152,155; Mar. 28.
Rudie, Julius, St. James, Minn. Feeding, printing, and cutting machine. 2,176,690; Oct. 17.
Rudisill Machine & Tool Works. (See Huffstickler, William A., assignor.)
Rudisill, Rufus C. (See Leingang, W. C., and Rudisill.)
Rudman, Edward G., Nashua, and F. G. Ranney, Hudson, assignors to E. G. Rudman, Nashua, N. H., and S. S. Rudman, Brookline, Mass., copartners doing business as Old Colony Furniture Co. Extension table. 2,162,032; June 13.
Rudman, Sidney S., et al. (See Rudman, E. G., and Ranney, assignors.)
Rudnick, Nathan, assignor of one-half to M. Frankel, New Haven, Conn. Mixing device. 2,159,711; May 23.
Rudolph, Chester A., and E. C. McCutcheon, assignors to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Valve. 2,151,050; Mar. 21.
Rudolph, George. (See Atwood, W. A., and Rudolph.)
Rudolph, Maurice L., Vineland, N. J. Device for preventing pick-cuts. 2,181,070; Nov. 21.
Rudolph, Walter. (See Rieche, A., and Rudolph.)
Rudolph, Walter J., assignor, by mesne assignments, to Acme Visible Records, Inc., Chicago, Ill. Strip separating device. 2,180,837; Nov. 21.
Rudowitz, Isaac M., New York, N. Y. Folding box 2,142,921; Jan. 3.
Rueb, Theodore O., assignor to The Sherman-Klove Co., Chicago, Ill. Ratchet wrench. 2,174,502; Sept. 26.
Ruedt, Julius C., and W. C. Redeen, assignors to Phoenix Hosiery Company, Milwaukee, Wis. Automatic welt turning mechanism. 2,162,121; June 13.
Rueff, Robert C. (See Littmann, B., and Rueff.)
Rueff, Robert C., and L. Hammond, assignor to Nixdorff-Krein Manufacturing Company, St. Louis, Mo. Anti-skid chain. 2,164,945; July 4.
Rueger, Herman W., assignor to Liberty Can & Sign Company, Lancaster, Pa. Receptacle discharge cap. 2,143,578; Jan. 10.
Rueger, Herman W., assignor to Liberty Can and Sign Company, Lancaster, Pa. Metallic dispensing receptacle. 2,184,227; Dec. 19.
Ruegg, Heinrich, Zurich, assignor to Aktiengesellschaft Brown, Boveri & Cie., Baden, Switzerland. Drive for vehicle axles. 2,179,425; Nov. 7.
Ruegg, Rudolf. (See Felix, F., and Ruegg.)
Ruehl, George F., Detroit, Mich. Window. 2,169,903; Aug. 15.
Ruemelin, Richard, Milwaukee, Wis. Banker dust collector unit. Re. 21,277; Nov. 21.
Ruen, Henry C. (See Simmons, H. M., and Ruen.)
Ruen, Henry C., assignor to Cleaners Hanger Company, Detroit, Mich. Garment hanger cover. 2,155,737; Apr. 25.
Ruen, Henry C., assignor, by mesne assignments, to Star-Service Hanger Company, Detroit, Mich. Garment hanger. 2,160,173; May 30.
Rueppel, Fred R., East Detroit, Mich. Powder packing box. 2,184,151; Dec. 19.
Ruesch, August, New York, N. Y. Slidable sash support-replacement device. 2,152,361; Mar. 28.
Ruetz, George D., Racine, Wis. Drink mixer. 2,184,085; Dec. 19.
Ruetz, Theodor, Zurich, Switzerland. Closure device for tubes. 2,177,335; Oct. 24.
Rufeisen, Henry, Newark, N. J. Ornament and frame therefor. 2,175,855; Oct. 10.
Ruff, Wolfram. (See Wehmeier, H., and Ruff.)
Ruffino, Peter, Brooklyn, N. Y. Brake lining. 2,153,341; Apr. 4.
Rufus, Otto B., assignor, by mesne assignments, to The Lathrop-Paulson Company, Chicago, Ill. Clutch. 2,156,030; Apr. 25.
Rugeley, Edward W., T. A. Feild, Jr., and J. F. Conlon, Charleston, W. Va., assignors to Carbide and Carbon Chemicals Corporation. Synthetic fiber. 2,161,766; June 6.
Rugenstein, Herman F., Indianapolis, Ind. Stencil. 2,175,364; Oct. 10.
Ruger, Harry C., assignor of one-half to J. Lipschutz, New York, N. Y. Watch. 2,155,842; Apr. 25.
Rugg, Edward H., Bridgeport, Conn., assignor to General Electric Company. Service entrance cable clamp. 2,169,111; Aug. 8.
Rugg, Harold H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Metal clad switchgear. 2,175,854; Oct. 10.
Rugg, Walter S., Pittsburgh, and H. D. James, Edgewood, Pa. Building block. 2,150,809; Mar. 14.
Rugg, Walter S., Pittsburgh, and H. D. James, Edgewood, Pa. Prefabricated wiring system. 2,162,864; June 20.
Rugg, Walter S., Pittsburgh, and A. Palmros, Rochester, Pa. Conveyer apparatus. 2,182,680; Dec. 5.
Ruggles, Albert C. (See Von Bramer, H., and Ruggles.)
Ruggles, Frank W., and C. D. Smith, Alma, Mich., assignors, by mesne assignments, to Alma Motor Company, Dover, Del. Auxiliary transmission mechanism for four-wheel-drive automotive vehicles. 2,173,044; Sept. 12.
Ruhl, Arthur, New York, N. Y. Supplemental table top. 2,175,572; Oct. 10.
Ruhl, Charles L., Dallas, Tex. Composite tray and rack. 2,169,292; Aug. 15.
Rühl, Gerhard, Recklinghausen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Refinement of hydrocarbons such as benzol or crude oils. 2,175,619; Oct. 10.
Ruhrchemie Aktiengesellschaft. (See Martin, F., Tramm, and Jung, assignors.)
Ruhrchemie Aktiengesellschaft. (See Velde, H., and Tramm, assignors.)
Ruinnet, Yves, Neuilly, France, assignor to Lefier Patent Company, Inc. Pattern control mechanism. 2,153,342; Apr. 4.
Ruit, Isaac, assignor of one-half to D. Wagner, Paterson, N. J. Game table. 2,165,907; July 11.
Rule, John T., Truro, Mass. Apparatus for producing stereographic drawings. 2,171,894; Sept. 5.
Ruliancich, John J., assignor to Union Spring and Manufacturing Company, New Kensington, Pa. Journal box lid. 2,183,407; Dec. 12.
Ruliancich, John J., New Kensington, Pa., assignor to Union Spring and Manufacturing Company. Journal box lid. 2,183,408; Dec. 12.
Rumchaks, Valentine, Chicago, Ill. Speed indicator. 2,179,103; Nov. 7.
Rumely, Vincent P., assignor to Crane Co., Chicago, Ill. Valve handle, wheel, and the like. 2,168,072; Aug. 1.
Rumer, Paul, assignor of one-half to The Washington Lumber Company, Washington Court House, Ohio. Asphalt roofing. 2,182,526; Dec. 5.
Rumford Chemical Works. (See Edwards, Robert S., assignor.)
Rumford Chemical Works. (See Fiske, Augustus H., assignor.)
Rumford, Lewis, 2d. (See Cantrell, R. H., and Rumford.)
Rumford, Lewis, II. (See Hogg, W. C., and Rumford.)
Ruml, Joseph, et al. (See Bamberger, Alexander, assignor.)
Rummel, Reba B., assignor of one-half to A. Hockley, Grayson, Ky. Game device. 2,157,631; May 9.
Rummelsburg, Alfred L., assignor to Hercules Powder Company, Wilmington, Del. Sulphonated terpene products and their production. 2,148,087; Feb. 21.
Rummler, Rudow, Chicago, Ill. Rigging. 2,170,914; Aug. 29.

Rumpel, Harvey H., assignor to Smith Engineering Works, Milwaukee, Wis. Crusher. 2,158,778; May 16.
Rumpel, Harvey H., assignor to Smith Engineering Works, Milwaukee, Wis. Crusher. 2,158,779; May 16.
Rumpf, John. (See Hulse, G. E., and Rumpf.)
Rumpf, John, near Milford, N. J., assignor to The Safety Car Heating & Lighting Company. Vehicle heating system. 2,181,742; Nov. 28.
Rumple, James M. (See Gilchrist, P. S., and Rumple.)
Rumrill, Hamilton, Hillsboro, N. H. Marking apparatus. 2,156,197; Apr. 25.
Rumsey, John A., Swarthmore, Pa. Automatic cut-off valve. 2,151,940; Mar. 28.
Rumsey, John C., Lawrence, Kans. Toy jockey. 2,171,600; Sept. 5.
Runaldue, Lewis R., Pittsfield, Mass., assignor to General Electric Company. High temperature pyrometer. 2,166,824; July 18.
Rundell, Rupert E., Rockville Centre, N. Y., assignor to American Machine & Foundry Company. Tobacco stemming machine construction. 2,152,668; Apr. 4.
Rundell, Rupert E., Rockville Centre, N. Y., assignor to International Cigar Machinery Company. Tobacco leaf stemmer. 2,176,511; Oct. 17.
Rundell, Rupert E., Rockville Centre, N. Y., assignor to American Machine & Foundry Company. Tobacco handling and preparing. 2,179,644; Nov. 14.
Rundell, Rupert E., Rockville Centre, N. Y., assignor to American Machine & Foundry Company. Cigarette tobacco preparation. 2,184,567; Dec. 26.
Rundell, Rupert E., Rockville Centre, and J. A. Neumair, Hollis, N. Y., assignors to International Cigar Machinery Company. Tobacco leaf feed. 2,159,404; May 23.
Rundell, Rupert E., Rockville Centre, and G. E. Hagquist, Brooklyn, N. Y., assignors to International Cigar Machinery Company. Leaf opener for tobacco stripping and booking machines. 2,180,368; Nov. 21.
Rundle, Henry M., Moorestown, N. J. Toy figure or the like. 2,145,610; Jan. 31.
Runge, Frank E., Oaklyn, N. J., assignor to Radio Corporation of America. Moving picture apparatus. 2,173,237; Sept. 19.
Runge, Frank E., Oaklyn, N. J., assignor to Radio Corporation of America. Web feeding apparatus. 2,178,242; Oct. 31.
Runge, Wilhelm. (See Fritz, K., and Runge.)
Runge, Wilhelm. (See Scharlau, H., Runge, Buschbeck, and Fritz.)
Runge, Wilhelm. (See Schmid, K., Ilberg, and Runge.)
Runge, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiver for observing two different signals. 2,157,677; May 9.
Runge, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Band pass filter. 2,160,088; May 30.
Runge, Wilhelm, and H. O. Roosenstein, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Elastically oscillating oscillator. 2,161,980; June 13.
Runge, Wilhelm, and A. Kunze, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio receiver. 2,165,304; July 11.
Runge, Wilhelm, and L. Brandt, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Remote control device for radio receivers. 2,175,320; Oct. 10.
Runk, Wiliam B., Waterbury, assignor to The F. Kelly Company, Derby, Conn. Automatic safetypin machine. 2,150,987; Mar. 21.
Runkle, George L., assignor to Henney Motor Company, Freeport, Ill. Casket rack for hearses. 2,148,245; Feb. 21.
Runkle, George L., assignor to Henney Motor Company, Freeport, Ill. Door check. 2,149,074; Feb. 28.
Runne, Ernst, and L. W. Berlin, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the anthraquinone series. 2,176,437; Oct. 17.
Runner, Joseph E., Indianapolis, Ind. Water drain for journal cellars. 2,159,750; May 23.
Runton, Leslie A., Andover, Mass. Machine for winding textile strands. 2,160,910; June 6.
Runton, Leslie A., Andover, Mass. Stop motion for winding machines. 2,180,434; Nov. 21.
Rupert, Duane F., Gloversville, N. Y. Muff for wind instruments. 2,160,229; May 30.
Rupert, Richard, and J. M. Majewski, Jr., assignors to F. L. Talge, operating as Rival Manufacturing Company, Kansas City, Mo. Fruit juice extractor. 2,144,390; Jan. 17.
Rupp, George H., and P. M. Frantz, Pueblo, assignors to The Colorado Fuel and Iron Corporation, Denver, Colo. Filtering or dewatering. 2,183,896; Dec. 19.
Rupp, Herbert E., Springfield Township, Richland County, assignor to Gorman-Rupp Company, Mansfield, Ohio. Reciprocating liquid pump. 2,149,185; Feb. 28.
Rupp, Herbert E., Springfield Township, Richland County, and J. C. Gorman, Mansfield, Ohio. Centrifugal self-priming pump. 2,181,792; Nov. 28.
Rupp, Walter H. (See Mateer, G. L., and Rupp.)
Ruppel, Sigwart, deceased, Berlin, Germany, by F. Strauss, Milan, Italy, heir. Switch. Re. 21,125; June 20.
Ruppel, Sigwart, deceased, Berlin, Germany; F. Strauss, née Ruppel, New York, N. Y., heir. Electric circuit breaker. 2,152,283; Mar. 28.
Ruppelt, Alban. (See Schaarwächter, C., and Ruppelt.)
Ruppenthal, Norman P., Detroit, Mich., assignor to General Conveyors Corporation. Belt conveyer. 2,166,447; July 18.
Ruppert, Bernhard, Greenwich, Conn. Humidifier. 2,155,805; Apr. 25.
Ruppik, Herbert, Bochum, Germany. Yieldable core for casting heavy hollow steel blocks. 2,170,486; Aug. 22.
Rural Fire Apparatus Co. (See Ziehm, Marvin F., assignor.)
Rüsberg, Friedrich, Berlin-Niederschoneweide, assignor to Kali-Chemie Aktiengesellschaft, Berlin, Germany. Manufacture of ignited phosphates. 2,165,729; July 11.
Rusby, Joseph H., Nutley, N. J. Extension ladder. 2,147,991; Feb. 21.
Ruscetta Ralph A. (See Clark, F. M., and Ruscetta.)
Rusch, David, Chicago, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Lock for swivel reflectors. 2,142,458; Jan. 3.
Rusch, Hugo L., Crestwood, N. Y. Power transmission device. 2,145,894; Feb. 7.
Rüsch, Gustav O. K. (See Christiansen, C., and Rüsch.)
Ruscher, Ernest W., New York, N. Y. Gas meter manifold. 2,153,343; Apr. 4.
Ruscher, Harold, Mount Vernon, N. Y. Awning blind. 2,168,046; Aug. 1.
Ruschig, Heinrich. (See Bockmühl, E., and Ruschig.)
Ruschig, Heinrich. (See Bockmühl, M., Ehrhart, and Ruschig.)
Ruschig, Heinrich. (See Bockmühl, M., Ehrhart, Ruschig, and Aumüller.)
Rush, Edgar J., Lancaster, Ohio. Glass feeder. 2,165,873; July 11.
Rush, John W., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control means. 2,170,250; Aug. 22.
Rush, Lester E., Great Falls, Mont. Electric tremulant attachment for accordions. 2,145,530; Jan. 31.
Rush, Norman M., Willow Grove, Pa. Tailgate mechanism for vehicles. 2,151,335; Mar. 21.
Rush, Raymond W. (See Rush, William R. and R. W.)
Rush, Ward G. (See Coviello, Anthony R., assignor.)
Rush, William R. and R. W., Mulberry, Kans. Knife for meat choppers. 2,168,245; Aug. 1.
Rushia, Alec C. (See Bergeron, A. P., Page, and Rushia.)
Rushing, Frank C. (See Baker, J. G., and Rushing.)
Rushing, Frank C. (See Baker, J. G., Rushing, Mikina, and Else.)
Ruska, Ernst. (See Brauer, G., and Ruska.)
Ruska, Ernst. (See Günzel, E., and Ruska.)
Ruska, Ernst. (See Langenwalter, H-W., and Ruska.)
Ruska, Ernst. (See Möller, R., and Ruska.)
Ruska, Ernst. (See Schubert, G., Knick, and Ruska.)
Ruska, Ernst, Berlin-Zehlendorf, Germany. Combined deflecting device for cathode ray tubes. 2,143,579; Jan. 10.
Ruska, Ernst, Berlin-Zehlendorf, assignor to the firm Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Cathode ray deflection apparatus. 2,143,580; Jan. 10.
Ruska, Ernst, Berlin-Zehlendorf, assignor to the firm Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Cathode ray tube. 2,143,581; Jan. 10.
Ruska, Ernst, Berlin-Zehlendorf, assignor to the firm of Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany. Secondary electron tube. 2,147,756; Feb. 21.
Ruska, Ernst, Berlin-Zehlendorf, assignor to the firm Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Braun tube. 2,151,530; Mar. 21.
Ruska, Ernst, Berlin-Zehlendorf, assignor to the firm Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Deflecting coil for cathode ray tubes. 2,152,362; Mar. 28.
Ruska, Ernst, Berlin-Zehlendorf, assignor to the firm Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Deflecting device for Braun tubes. 2,152,363; Mar. 28.
Ruska, Ernst, Berlin-Zehelndorf, assignor to the firm Fernseh Aktiengesellschaft, Zehlendorf near Berlin, Germany. Cathode ray focusing coil. 2,159,534; May 23.
Ruska, Ernst, Berlin-Zehlendorf, assignor to the firm Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Fastening electrode systems in Braun tubes. 2,171,766; Sept. 5.
Ruska, Ernst, Berlin-Zehlendorf, assignor to Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Base structure for electron ray tubes. 2,174,759; Oct. 3.
Ruska, Ernst, Berlin, assignor to Fernseh A. G., Zehlendorf, near Berlin, Germany. Braun tube. 2,178,458; Oct. 31.
Ruska, Leslie C., Cicero, Ill. Automobile door glass control. 2,157,350; May 9.
Ruska, Leslie C., Cicero, Ill. System of automobile door control. 2,162,749; June 20.
Ruskamp, Joseph, Dodge, Nebr. Cap for thresher blowers. 2,171,952; Sept. 5.
Ruskin, Henry, Chicago, Ill. Razor. 2,161,981; June 13.

Rusnak, John M., West Hartford, assignor to Niles-Bement-Pond Company, Hartford, Conn. Brake for a die sinking machine. 2,161,683; June 6.
Rusnak, John M., West Hartford, assignor to Niles-Bement-Pond Company, Hartford, Conn. Rotary table for machine tools. 2,177,006; Oct. 24.
Rusnak, John M., West Hartford, assignor to Niles-Bement-Pond Company, Hartford, Conn. Universal die sinker. 2,183,172; Dec. 12.
Ruspoli, Edmondo, Paris, France. Differential mechanism. 2,154,701; Apr. 18.
Russel, Philip S. (See Hann, A. G., and Russel.)
Russel, Philip S., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,143,229; Jan. 10.
Russell, Alfred, and J. W. Copenhaver, assignors to Röhm & Haas Company, Philadelphia, Pa. Tanning material. 2,171,806; Sept. 5.
Russell Burdsall & Ward Bolt & Nut Company. (See MacDonald, Robert A., assignor.)
Russell, Carl P., Annapolis, Md. Power-operated amalgamator. 2,169,817; Aug. 15.
Russell, Cass B., Detroit, Mich., assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Grease retainer with securing lug. 2,161,767; June 6.
Russell, Charles L., Clayton, assignor to American Bakers Machinery Company, St. Louis, Mo. Dough divider. 2,151,444; Mar. 21.
Russell, Charles R. (See Reilly, J. H., and Russell.)
Russell, Earl A. (See Peterson, F. J., and Russell.)
Russell, Edward A., Chicago, and W. W. Wilson, Oak Park, assignors to Vapor Car Heating Company, Inc., Chicago, Ill. Hose coupler lock. 2,175,764; Oct. 10.
Russell Electric Company. (See Ballentine, Earle W.)
Russell, Fabian L. (See Rose, J. P., and Russell.)
Russell, Frank C. (See Warr, E. H., Stotter, and Russell.)
Russell, Frank J. (See Seeger, E. W., Brown, and Russell.)
Russell, Harlow M., Chelsea, and M. H. Sidebotham, West Newton, assignors to Specialty Automatic Machine Company, Medford, Mass. Manufacture of printed paper products. 2,153,846; Apr. 11.
Russell, Howard W. (See Jackson, L. R., and Russell.)
Russell, Howard W., Columbus, Ohio, assignor to Elgin National Watch Company, Elgin, Ill. Alloy. 2,146,231; Feb. 7.
Russell, James D., Anniston, Ala. Melting metals. 2,144,230; Jan. 17.
Russell, Jessie M., executrix. (See Russell, Samuel G.)
Russell, John F., North Arlington, N. J. Binding arrangement. 2,176,314; Oct. 17.
Russell, John K., W. B. Collins, and W. W. Boggs, Los Angeles, Calif., assignor of fifty per cent to said Russell, twenty-five per cent to said Collins, and twenty-five per cent to said Boggs. Liquid refiner. 2,181,608; Nov. 28.
Russell, John P., Honolulu, Hawaii. Climber for skis. 2,150,988; Mar. 21.
Russell, Jolly T., Lawrence, Kans. Preventing freeze-ups in gas transmission lines. 2,142,212; Jan. 3.
Russell, Leroy H. (See Lemp, C. A., and Russell.)
Russell, Linus E. (See Peters, G. E., and Russell.)
Russell, Malle L., Philadelphia, Pa. Brooch. 2,181,071; Nov. 21.
Russell, Robert A., Alexander City, Ala., assignor to Ferro-Spun Corporation. Multiple bail hoist tackle for pipe flasks. 2,142,416; Jan. 3.
Russell, Robert A., Alexander City, Ala., assignor to Ferro-Spun Corporation. Flask hold-down mechanism for jolt tables. 2,174,999; Oct. 3.
Russell, Robert C. (See Carlson, G. W., and Russell.)
Russell, Robert C., Shaker Heights, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Wheel brake. 2,152,923; Apr. 4.
Russell, Robert C., Dallas, Tex., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Valve operating mechanism. 2,158,730; May 16.
Russell, Robert P., Elizabeth, N. J., assignor to Standard Oil Development Company. Flushing oil. 2,160,911; June 6.
Russell, Robert P., Short Hills, N. J., assignor to Standard Oil Development Company. Voltolized oils and products thereof. 2,170,665; Aug. 22.
Russell, Robert P., Short Hills, N. J., assignor to Standard Oil Development Company. Cellulose compound compositions. 2,181,609; Nov. 28.
Russell, Samuel G. (See Burdick, F., and Russell.)
Russell, Samuel G., deceased, by J. M. Russell, executrix, Kalamazoo, Mich., assignor to Shakespeare Company. Fishing reel. 2,142,967; Jan. 3.
Russell, Stanley, Vincennes, Ind. Combined harvester and baler. 2,180,852; Nov. 21.
Russell, William C., assignor to Macwhyte Company, Kenosha, Wis. Thimble. 2,152,096; Mar. 28.
Russell, William J., and K. L. Woodman, Mansfield, Ohio, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Broiler and fryer unit. 2,156,216; Apr. 25.
Russell, William W., Brookline, Mass. Washing machine. 2,170,096; Aug. 22.
Russell, Winn, Woburn, Mass. Leather working machine and protective device therefor. 2,174,895; Oct. 3.
Russert, Edward J., Youngstown, and C. L. Hinsdale, Warren, assignors, by mesne assignments, to Mullins Manufacturing Corporation, Salem, Ohio. End post construction for highway guardrails and the like. 2,146,445; Feb. 7.
Russow, Friedrich K. (See Rapp, B., and Russow.)
Rust Craft Publishers, Inc. (See Huber, Price, assignor.)
Rust, Gordon M., Philadelphia, Pa. Clamshell and other bucket gear. 2,172,891; Sept. 12.
Rust, John B., Orange, N. J., assignor to Ellis-Foster Company. Color-stable phenolic resin and making same and varnish containing same. 2,155,907; Apr. 25.
Rust, John D., Memphis, Tenn. Self-propelled tandem cotton picking machine. 2,175,216; Oct. 10.
Rust, John D., Memphis, Tenn. Cotton picking machine. 2,162,750; June 20.
Rust, John D. and M. D., Memphis, Tenn. Cotton picking machine. 2,143,901; Jan. 17.
Rust, Mack D. (See Rust, John D. and M. D.)
Rust, Mack D., Memphis, Tenn., assignor of one-half to D. C. Hoffman, Philadelphia, Pa., and one-half to A. B. Bedford, Collingswood, N. J. Variable speed transmission. 2,164,086; June 27.
Rust, Noël M., Chelmsford, England, assignor to Radio Corporation of America. Filter circuits. 2,154,076; Apr. 11.
Rust, Noël M., Chelmsford, England, assignor to Radio Corporation of America. Band-pass filter. 2,161,593; June 6.
Rust, Noël M., Chelmsford, England, assignor to Radio Corporation of America. Lead-in arrangement. 2,180,722; Nov. 21.
Rust, Noël M., Chelmsford, and G. F. Brett, London, England, assignors to Radio Corporation of America. Cathode for electron discharge devices. 2,151,803; Mar. 28.
Rust, Noël M., Chelmsford, and N. Levin, Finchley, London, England, assignors to Radio Corporation of America. Tuning indicator and scale. 2,165,816; July 11.
Rust, William M., Jr. (See Blau, L. W., Mounce, and Rust.)
Rusta Restor Corporation. (See Thomson, George J., assignor.)
Rustad, Louis L., and V. E. Extrom, assignors to Telegraphy Improvements Company, Minneapolis, Minn. Apparatus for posting electrically transmitted information. 2,182,355; Dec. 5.
Rustless Iron and Steel Corporation of America. (See Tighe, George C., assignor.)
Ruston & Hornsby, Limited. (See Makins, Thomas C., assignor.)
Ruston, John, Peckham, London, assignor to British Acoustic Films Limited, London, England. Push-pull and like amplifying systems. 2,162,389; June 13.
Rutan, Virginia K., et al. (See Kiesel, William F., jr., assignor.)
Rutenber, Bradley A., Milwaukee, Wis. Cooking utensil. 2,152,924; Apr. 4.
Rutenber Electric Company. (See Goldthwaite, Robert S., assignor.)
Ruth, Edward S., assignor to Edwards and Company, Inc., Norwalk, Conn. Telephone system. 2,170,391; Aug. 22.
Ruth, John H., Brooklyn, N. Y. Device for determining the genuineness of bank notes, etc. 2,155,957; Apr. 25.
Ruth, John H., Brooklyn, N. Y. Counterfeit money detector. 2,161,594; June 6.
Ruth, John H., Brooklyn, N. Y. Dispensing container. 2,172,547; Sept. 12.
Ruth, Joseph P., Denver, Colo. Power transmission. 2,173,729; Sept. 19.
Ruthardt, Gustav, Stuttgart, Germany. Sparking plug. 2,178,348; Oct. 31.
Rutherford, Albert, et al. (See Hansen, Louis E., assignor.)
Rutherford, Charles E., West Hartford, assignor to The Wiremold Company, Hartford, Conn. Electrical conduit fitting. 2,144,391; Jan. 17.
Rutherford, Charles E., West Hartford, assignor to The Wiremold Company, Hartford, Conn. Pancake telephone outlet. 2,164,788; July 14.
Rutherford, Charles E., West Hartford, assignor to The Wiremold Company, Hartford, Conn. Overfloor raceway fitting. 2,171,807; Sept. 5.
Rutherford, Cuthbert E. F., London, England. Photographic contact printing and copying apparatus. 2,155,149; Apr. 18.
Rutherford, John J. B. (See Aborn, R. H., and Rutherford.)
Rutherford, John T., and H. A. Francis, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Preparing compounded lubricating oil. 2,144,855; Jan. 24.
Rutherford, Marvin E., assignor of one-third to A. M. De Muth, Houston, and one-tenth to C. W. Rogers, Abilene, Tex. Aeromuffler. 2,172,713; Sept. 12.
Ruthman, Edward J., Cincinnati, Ohio. Pump. 2,143,032; Jan. 10.
Ruthman, Edward J., Cincinnati, Ohio. Pump. 2,179,730; Nov. 14.
Ruthruff, Robert F. (See Sullivan, F. W., Jr., and Ruthruff.)
Ruthruff, Robert F., Nutley, N. J., assignor to Process Management Company, Inc., New York, N. Y. Manufacture of gel-type metallic oxide catalysts. 2,156,903; May 2.

Ruthruff, Robert F., Nutley, N. J., assignor to Process Management Company, Inc., New York, N. Y. Manufacture of gel-type metallic oxide catalysts. 2,156,904; May 2.

Ruthruff, Robert F., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Conversion of hydrocarbon oils into gasoline. 2,160,286; May 30.

Ruthruff, Robert F., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Conversion of gaseous hydrocarbons to liquid. 2,160,287; May 30.

Ruthruff, Robert F., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Conversion of hydrocarbons. 2,160,288; May 30.

Ruthruff, Robert F., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Manufacture of isobutane. 2,172,146; Sept. 5.

Ruths, Robert J., Baltimore, Md. Signal device. 2,165,305; July 11.

Ruthven, William, Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Molding or shaping die. 2,177,461; Oct. 24.

Rutkowski, Walter L., Normandy, assignor to R. C. Can Company, St. Louis, Mo. Slip cover for paper bodied containers. 2,155,022; Apr. 18.

Rutland, Jesse E., Lenox, assignor of one-half to J. B. Boyett, Nashville, Ga. Fireplace heater. 2,161,723; June 6.

Rutledge, Robert E., assignor to Sutherland Paper Company, Kalamazoo, Mich. Container. 2,172,179; Sept. 5.

Rutledge, Robert E., assignor to Sutherland Paper Company, Kalamazoo, Mich. Egg carton and filler. 2,175,670; Oct. 10.

Rutten, Peter and W., Osakis, Minn. Building structure. 2,151,234; Mar. 21.

Rutten, Walter. (See Rutten, Peter and W.)

Rüttenauer, Alfred. (See Dawihl, W., Fritze, and Rüttenauer.)

Rüttenauer, Alfred, Berlin-Halensee, Germany, assignor to General Electric Company. Electric lamp. 2,176,151; Oct. 17.

Rüttenauer, Alfred, Berlin-Halensee, Germany, assignor to General Electric Company. Gaseous electric discharge device. 2,178,436; Oct. 31.

Ruttenauer, Alfred, and O. Fritze, Berlin, Germany, assignors to General Electric Company. Gaseous electric discharge lamp. 2,156,068; Apr. 25.

Ruttenberg, Charles, Pittsburgh, Pa., assignor to American Textile Company. Ironing board cover. 2,179,458; Nov. 7.

Rutter, Harvey M. (See Williams, V. G., and Rutter.)

Rutter, Lyman E., Barnsdall, Okla. Waterproof paint. 2,143,387; Jan. 10.

Ruys, Jan D., Pittsburg, assignor to Shell Development Company, San Francisco, Calif. Recovery of organic compounds. 2,151,990; Mar. 28.

Ruys, Jan D., and H. R. McCombie, Pittsburg, assignors to Shell Development Company, San Francisco, Calif. Treatment of halogenated organic compounds. 2,148,304; Feb. 21.

Ruys, Jan D., and E. D. Pyzel, Pittsburg, assignors to Shell Development Company, San Francisco, Calif. Vapor phase hydrogenation of olefin polymers. 2,184,930; Dec. 26.

Ruzicka, Leopold, Zurich, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Δ4,5-unsaturated androstene compound and making same. 2,159,569; May 23.

Ruzicka, Leopold, Zurich, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Polynuclear cyclic ketones and preparing same. 2,161,389; June 6.

Ruzicka, Leopold, Zurich, assignor to firm of Society of Chemical Industry in Basle, Basel, Switzerland. Making the esters of polynuclear hydroxyketones. 2,165,655; July 11.

Ruzicka, Leopold, Zurich, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Compounds of the cyclopentano-hydrophenanthrene series and making same. 2,168,685; Aug. 8.

Ruzicka, Leopold, Zurich, and A. Wettstein, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Polynuclear cyclic oxyketones and derivatives thereof and making same. 2,143,453; Jan. 10.

Ruzicka, Leopold, Zurich, and A. Wettstein and H. Kaegi, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Monoformate of androstenediol and producing same. 2,173,425; Sept. 19.

Ruzicka, Stevan, Beograd, Yugoslavia. Wood coke and making same. 2,184,317; Dec. 26.

Ruzicka, Stevan, New York, N. Y. Simultaneous production of alumina cement and pig iron in blast furnaces. 2,184,318; Dec. 26.

Ryalls, John H., Richmond, Va. Battery terminal protector. 2,145,135; Jan. 24.

Ryan, Arthur P., and J. Skwarski, Jackson Heights, N. Y. Hook clasp. 2,184,434; Dec. 26.

Ryan, Edmund C., assignor to The Ohio Brass Company, Mansfield, Ohio. Trolley head. 2,155,242; Apr. 18.

Ryan, Francis J., Chicago, Ill., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling apparatus. 2,144,432; Jan. 17.

Ryan, Frank, Portland, Oreg. Vehicle bumper. 2,145,952; Feb. 7.

Ryan, George F., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Reproducing machine. 2,148,506; Feb. 28.

Ryan, Herbert P., Suffern, N. Y. Cigarette ashtray and holder. 2,156,738; May 2.

Ryan, James P., assignor to Ryan Valve Corporation, Easthampton, Mass. Valve. 2,144,125; Jan. 17.

Ryan, James S., Woburn, Mass. Electric hair clipper. 2,184,781; Dec. 26.

Ryan, John C., assignor of one-third to R. Bowlby and One-third to C. B. Lewis, Toronto, Ontario, Canada. Nonskid device for automobile tires. 2,163,890; June 27.

Ryan, John J. G., Danbury, Conn. Hat dyeing device. 2,144,274; Jan. 17.

Ryan, John J., West Newton, assignor to O. G. Kelley, doing business as O. G. Kelley & Company, Neponset Station, Boston, Mass. Lead-shielded building block. 2,175,671; Oct. 10.

Ryan, Marie C., Sioux City, Iowa. Necktie construction. 2,174,011; Sept. 26.

Ryan, Max R. (See Isham, R. M., and Ryan.)

Ryan, Michael H., Los Angeles, Calif. Connector. 2,165,656; July 11.

Ryan, Oval T., Kansas City, Kans., assignor of one-half to H. Lange, Conception, Mo. Bronchoscope. 2,162,681; June 13.

Ryan, Patrick, Bell, Calif. Endgate for vehicles. 2,174,197; Sept. 26.

Ryan, Philip G., Brooklyn, N. Y. Display easel. 2,143,089; Jan. 10.

Ryan, Rudd W., D. L. Mead, and O. O. Phillips, Birmingham, Ala. Seat and deck construction for stadia. 2,171,374; Aug. 29.

Ryan, Thomas, Joliet, Ill., assignor to Poor & Company, New York, N. Y. Tie plate and rail clip combination. 2,160,344; May 30.

Ryan, Thomas, assignor of two-fifths to H. B. Burr, Milwaukee, Wis. Apparatus for locating concealed conductive bodies. 2,167,490; July 25.

Ryan, Thomas F. (See Jahnke, A., and Ryan.)

Ryan Valve Corporation. (See Ryan, James P., assignor.)

Ryan, Will A., Medford, Oreg. Display rack. 2,173,917; Sept. 26.

Ryan, William, New York, N. Y. Electric power indicator. 2,180,169; Nov. 14.

Rybeck, Adolph W., assignor to T. L. Smith Company, Milwaukee, Wis. Concrete mixer. 2,179,104; Nov. 7.

Ryckman, Adrien, La Panne, Belgium. Apparatus for stringing tennis rackets and the like. 2,146,853; Feb. 14.

Rydberg, Gustav G. H., assignor to Svenska Ackumulator Aktiebolaget Junger, Stockholm, Sweden. Measuring apparatus. 2,151,941; Mar. 28.

Rydberg, John T., Harrison, N. J. Directional control and stabilizing apparatus. 2,170,731; Aug. 22.

Ryde, John W. (See Francis, V. J., and Ryde.)

Ryde, John W. (See Jenkins, H. G., Ryde, and Wilson.)

Ryde, John W., Middlesex, England, assignor to General Electric Company. Liquid-cooled electric lamp. 2,150,007; Mar. 7.

Ryder, Charles D., Covington, assignor to The National Colortype Company, Bellevue, Ky. Multicolored lens. 2,170,874; Aug. 29.

Ryder, Earle A., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Forging irregular metal objects. 2,142,805; Jan. 3.

Ryder, Earle A., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Gearing. 2,144,937; Jan. 24.

Ryder, Earle A., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Forming bearings. 2,145,460; Jan. 31.

Ryder, Earle A., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Propeller drive for oppositely rotating coaxial propellers. 2,154,532; Apr. 18.

Ryder, George W. (See Keays, Richard L., assignor.)

Ryder, John D., Cleveland, Ohio, assignor to Bailey Meter Company. Electric control system. 2,159,181; May 23.

Ryder, William E., Boston, Mass. Sailing rig. 2,147,501; Feb. 14.

Rydin, Norval, Chicago, Ill. Train coupler. 2,162,390; June 13.

Rydin, Norval, Chicago, Ill. Centering device for toy train couplers. 2,184,103; Dec. 19.

Rydquist, Adolph, assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Mounting for robe cords. 2,155,738; Apr. 25.

Rydstedt, Simon D., assignor to Stewart-Warner Corporation, Chicago, Ill. Dial Mechanism. 2,165,416; July 11.

Ryerson, Creighton W., assignor to Ryerson & Haynes, Inc., Jackson, Mich. Vehicle jacking structure. 2,176,014; Oct. 10.

Ryerson & Haynes, Inc. (See Ellenberger, Clarence M.)

Ryerson & Haynes, Inc. (See Ryerson, Creighton W., assignor.)

Ryerson & Haynes, Inc. (See Schmidt, Frank W., assignor.)

Rygaard, Hans T., assignor of one-half to E. Hazel, Jr., Atchison, Kans. Carton-filling tray. 2,176,613; Oct. 17.

Rykacziewski, John A., et al. (See Zavarella, Raphael, assignor.)
Rylander, Parrish H., San Antonio, Tex. Cotton conditioner. 2,160,253; May 30.
Rylander, Parrish H., San Antonio, Tex. Grading device. 2,173,314; Sept. 19.
Rylsky, Gregory V., New York, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Rate of climb indicator. 2,147,108; Feb. 14.
Rylsky, Gregory V., New York, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Relief valve. 2,161,531; June 6.
Rymland, Murray J., Baltimore, Md. Spring cushion unit. 2,151,155; Mar. 21.
Rypinski, Albert B., Laurelton, N. Y., assignor to Metropolitan Device Corporation. Solderless connecter. 2,145,556; Jan. 31.
Rypinski, Albert B., Laurelton, N. Y., assignor to Metropolitan Device Corporation. Meter trough. 2,145,557; Jan. 31.
Rypinski, Albert B., Laurelton, Long Island, N. Y. Circuit control and current control system. 2,164,349; July 4.
Rypinski, Albert B., Laurelton, N. Y., and C. A. Bay, Morristown, N. J., assignors to Metropolitan Device Corporation. Relay construction. 2,166,327; July 18.
Rzeppa, Alfred H., Grosse Pointe, Mich. Torque transmitting universal joint. 2,150,942; Mar. 21.
S. A. Recherches Etudes Applications Techniques, R. E. A. T. (See Lasserre, Jean, assignor.)
S. C. K. Corporation. (See Scott, Albert B., assignor.)
S K F Industries, Inc. (See Schmal, Alois H., assignor.)
S & S Corrugated Paper Machinery Co. (See Stern, I., Skolnikoff, Pesqueira, and Ostrolenk, assignors.)
S & S Corrugated Paper Machinery Co. (See Ungar, Gustave A., assignor.)
S & W Fine Foods, Inc. (See Lachman, Charles, assignor.)
S & W Fine Foods, Inc. (See Sanchez, John, assignor.)
Saacke, Frederick C. (See Rooke, R. M., and Saacke.)
Saaf, Dirk G., assignor to Goodrich Electric Company, Chicago, Ill. Lighting fixture. 2,173,566; Sept. 19.
Saal, George F., and J. G. Schmitt, assignors to Economy Engineering Co. Inc., Los Angeles, Calif. Method and apparatus for lubrication. 2,168,746; Aug. 8.
Saarela, John H., Seattle, Wash. Fish lure. 2,165,071; July 4.
Sabbah, Camil A., deceased, by W. A. Dodge, administrator, Schenectady, N. Y., assignor to General Electric Company. Electric valve converting system. 2,180,998; Nov. 21.
Sabbah, Camil A., deceased (by W. A. Dodge, administrator), and L. W. Morton, Schenectady, N. Y., assignors to General Electric Company. Transforming means. 2,168,173; Aug. 1.
Sabath, Adolph J. (See Wilcox, Burr C., assignor.)
Sabathé, Louis G., Paris, France. Projectile. 2,147,550; Feb. 14.
Sabattier, Charles F. G., Paris, France. Tube for fluid on semifluid substances. 2,175,130; Oct. 3.
Sabel, Edward R., assignor to The Haloid Company, Rochester, N. Y. Copyholder for photocopy machines. 2,163,451; June 20.
Sabel, Edward R., assignor to The Haloid Company, Rochester, N. Y. Attachment for photocopy machines. 2,179,164; Nov. 7.
Sabin, Alfred B., Oakland, Calif. Pump. 2,172,110; Sept. 5.
Sabo, Louis, Bronx, and J. Kiss, New York, N. Y. Shoe heel reinforcement. 2,167,526; July 25.
Sabol, Ernest J. (See Stolnacke, C. E., and Sabol.)
Sabol, Ernest J., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Stud-applying apparatus. 2,158,763; May 16.
Sabol, George, M., and J., Clairton, Pa. Talking motion picture system. 2,173,768; Sept. 19.
Sabol, John. (See Sabol, George, M., and J.)
Sabol, Michael. (See Sabol, George, M., and J.)
Saborsky, Arthur D., Lakewood, Ohio. Overhead tractor. 2,154,702; Apr. 18.
Saborsky, Arthur D., Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Insulating bat. 2,159,053; May 23.
Saborsky, Arthur D., Rossford, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Glass wool packing. 2,160,001; May 30.
Sachanen, Alexander N. (See Fabian, C. F., and Sachanen.)
Sachanen, Alexander N., and P. G. Waldo, Woodbury, N. J., assignors to Socony-Vacuum Oil Company, New York, N. Y. Oxidation inhibitor and preparing same. 2,161,317; June 6.
Sacheroff, Maurice, Cleveland Heights, Ohio. Collapsible baby walker and carriage. 2,179,275; Nov. 7.
Sachs, Erich, Berlin, Germany, assignor to E. A. Roll and H. T. Lukow, New York, N. Y. Device for mixing playing cards or the like. 2,159,958; May 23.
Sachs, Fred J., assignor to D. Purdy, San Mateo, Calif. Feed regulator for carburetors. 2,167,961; Aug. 1.
Sachs, John H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Keto carboxylic acids derived from terpenemaleic anhydride addition products and preparing them. 2,144,464; Jan. 17.
Sachs, Joseph, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic circuit breaker. Re. 21,010; Feb. 21.
Sachs, Joseph, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Electric switch. 2,168,540; Aug. 8.
Sachs, Joseph, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic circuit breaker. 2,172,684; Sept. 12.
Sachs, Joseph, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic circuit breaker assembly. 2,174,669; Oct. 3.
Sachs, Joseph, West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic circuit breaker. 2,182,773; Dec. 5.
Sachsenmaier, Ervin S., assignor to Larkwood Silk Hosiery Mills, Inc., Charlotte, N. C. Knitted fabric. 2,165,012; July 4.
Sachsenmaier, Ervin S., assignor to Larkwood Silk Hosiery Mills, Inc., Charlotte, N. C. Knitting selvedge edges on full fashioned knitting machines. 2,181,820; Nov. 28.
Sächsische Textilmaschinen-fabrik vorm. Rich. Hartmann Aktiengesellschaft. (See Schmitt, Karl J., assignor.)
Sächsische Textilmaschinenfabrik vorm. Rich. Hartmann, Aktiengesellschaft. (See Schubert, F. F., and Schütze, assignors.)
Sachtleben Aktiengesellschaft für Bergbau und Chemische Industrie. (See Müller, Manfred, assignor.)
Sachtleben, Lawrence T., Camden, N. J., assignor to Radio Corporation of America. Photoelectric velocity detector. 2,142,378; Jan. 3.
Sachtleben, Lawrence T., Camden, N. J., assignor to Radio Corporation of America. Optical system and adjustment thereof. 2,158,307; May 16.
Sachtleben, Lawrence T., Camden, N. J., assignor to Radio Corporation of America. Exciter lamp for sound recorders and reproducers. 2,158,308; May 16.
Sachtleben, Lawrence T., Camden, N. J., assignor to Radio Corporation of America. Optical system. 2,173,266; Sept. 19.
Sachtleben, Lawrence T., Camden, N. J., assignor to Radio Corporation of America. Film feeding device. 2,178,243; Oct. 31.
Sachtleben, Lawrence T., Camden, N. J., assignor to Radio Corporation of America. Optical system for sound reproducers. 2,178,244; Oct. 31.
Sacker, Frank C., assignor to A. Marty, Monroe, Wis. Antibutting device for farm animals. 2,177,789; Oct. 31.
Sacket, Augustus J., Anne Arundel County, Md. Aerating apparatus. 2,174,896; Oct. 3.
Sackett, Augustus J., Anne Arundel County, Md. Mixing and drying apparatus. 2,148,998; Feb. 28.
Sackett, Augustus J., Anne Arundel County, Md. Drying or cooling and aerating apparatus. 2,174,897; Oct. 3.
Saco-Lowell Shops. (See Goodchild, George, assignor.)
Saco-Lowell Shops. (See Cotchett, Louis M., assignor.)
Sadacca, Henri, New York, N. Y., assignor to General Electric Company. Lamp. 2,145,737; Jan. 31.
Sadacca, Henri, New York, N. Y., assignor to General Electric Company. Decorative shield for lamps. 2,153,395; Apr. 4.
Sadenwater, Charles W., assignor to Saginaw Manufacturing Co., Saginaw, Mich. Double ironing table. 2,156,246; Apr. 25.
Sadler, John W., Upper Darby, Pa., and G. A. Blunt, Cedar Rapids, Iowa. Cream cooler. 2,150,751; Mar. 14.
Sadler, Luther, Los Angeles, Calif. Railway crossing. 2,157,246; May 9.
Sadlon Martin M (See Lieber, E., and Sadlon.)
Sadloski, Stanley P., Cromwell, Conn. Safety apparatus for divers. 2,155,331; Apr. 18.
Sadoff, Bernard J., Buenos Aires, Argentina, assignor to Industrial Patents Corporation, Chicago, Ill. Hoghead conveyer. 2,156,771; May 2.
Sadoff, Bernard J., Buenos Aires, Argentina, assignor to Industrial Patents Corporation, Chicago, Ill. Cutter. 2,182,181; Dec. 5.
Sadowski, Paul H., Wilmington, Del. Reversible trunks. 2,142,922; Jan. 3.
Sadowski, Paul H., Wilmington, Del. Work holder. 2,147,800; Feb. 21.
Sadowsky, Charles, New York, N. Y. Garment hanger. 2,165,072; July 4.
Sadowsky, Jack, New York, N. Y., assignor to M. S. Salstein, Deal, N. J. Intercommunication system. 2,142,874; Jan. 3.
Sadtler, Chester B., assignor to Barber-Colman Company, Rockford, Ill. Heat treating and apparatus therefor. 2,152,284; Mar. 28.
Sadtler, Helena S., Erdenheim, Pa. Combining smocking and needlework designs. 2,157,573; May 9.
Sadtler, Helena S., Erdenheim, Pa. Crunch pad for the protection and cleansing of ashtrays. 2,167,261; July 25.
Sadtler, Philip B., Birmingham, Ala., assignor to Goslin-Birmingham Manufacturing Company, Inc. Evaporator. 2,176,152; Oct. 17.
Saegebarth, Erich. (See Terres, E., Moos, and Saegebarth.)
Saegebarth, Erich. (See Terres, E., Saegebarth, and Moos.)
Saegebarth, Erich. (See Terres, E., Saegebarth, Moos, and Ramser.)

Saeta, Samuel, Los Angeles, Calif. Apparatus for filling containers. 2,142,257; Jan. 3.
Safetee Torpedo Corporation. (See Sherman, Louie A.)
Safety Car Heating & Lighting Company, The. (See Godsey, Frank W., Jr., assignor.)
Safety Car Heating & Lighting Company, The. (See Hulse, George E., assignor.)
Safety Car Heating & Lighting Company, The. (See Hulse, G. E., and Rumpf, assignors.)
Safety Car Heating & Lighting Company, The. (See Rumpf, John, assignor.)
Safety Car Heating & Lighting Company, The. (See Von Ohlsen, Louis H., assignor.)
Safety Cook Stove Company. (See Mummery, Clyde W., assignor.)
Safety Equipment Service Company, The. (See Renneberg, Edgar, assignor.)
Safety Fastener Co. (See Wagner, Chester I., assignor.)
Safety Grinding Wheel & Machine Company, The. (See Vance, George E., assignor.)
Safety Valve Corporation, The. (See Van Keuren, H., and Wilkins, assignors.)
Saffady, Thomas F., Detroit, Mich. Forming tool. 2,183,796; Dec. 19.
Saffert, Paul. (See Dannenberg, H., and Saffert.)
Saffert, Paul. (See Esselmann, P., Kösslinger, and Saffert.)
Saffert, Paul. (See von Recklinghausen, H., and Saffert.)
Saffir, Jacob A., Chicago, Ill. Dental amalgam mixer. 2,175,321; Oct. 10.
Saffir, Jacob A., Chicago, Ill. Ampoule. 2,184,152; Dec. 19.
Saffir, Jacob A., assignor to J. W. Frankel, Chicago, Ill. Dental X-ray film package. 2,144,392; Jan. 17.
Saffir, Jacob A., assignor to Multiple Corporation, Chicago, Ill. Hypodermic syringe and cartridge. 2,168,686; Aug. 8.
Saffir, Jacob A., assignor to Multipule Corporation, Chicago, Ill. Hypodermic syringe and cartridge and method of making cartridge. 2,175,365; Oct. 10.
Saffir, Jacob A., Rockford, assignor to Multiple Corporation, Chicago, Ill. Hypodermic syringe and cartridge therefor. 2,153,594; Apr. 11.
Saffir, Jacob A., Rockford, assignor of one-half to J. A. Korengold, Chicago, Ill. Apparatus for dental projection. 2,182,822; Dec. 12.
Safford, Lewis A. (See Campbell, C. A., and Safford.)
Safford, Lewis A., Watertown, N. Y., assignor to The New York Air Brake Company. Air brake. 2,167,057; July 25.
Safford, Moyer M., Schenectady, N. Y., assignor to General Electric Company. Making and curing resin films. 2,144,548; Jan. 17.
Safford, Moyer M., Schenectady, N. Y., assignor to General Electric Company. Electrical cable. 2,155,243; Apr. 18.
Safford, Moyer M., Schenectady, N. Y., assignor to General Electric Company. Resinous composition and preparing same. 2,160,230; May 30.
Safford, Truman S., Riverside, Conn. Control device. 2,150,403; Mar. 14.
Safford, Truman S., Port Chester, N. Y. Braking system. 2,165,817; July 11.
Saftien, Karl. (See Guenther, F., and Saftien.)
Sage, Kenneth B., Central Lake, Mich. Fish lure. 2,159,230; May 23.
Sage, Paul E., Lagrange, Ohio. Powder feeding device. 2,174,138; Sept. 26.
Sageb Société Anonyme de Gestion et d'Exploitation de Brevets. (See Brandt, Edgar W., assignor.)
Sageb, Société Anoyme de Gestion et d'Exploitation de Brevets. (See Denoix, Paul E. J., assignor.)
Sagebeer, Richard G., Wilmington, Del. Graph approximator. 2,150,636; Mar. 14.
Sagebeer, Richard G., Wilmington, Del. Comparometer. 2,160,603; May 30.
Saget, Jean G. Y. (See Piou de Saint-Gilles, G. O. F., and Saget.)
Saginaw Manufacturing Company. (See Sadenwater, Charles W., assignor.)
Sagner, Walter T., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,150,038; Mar. 7.
Sagner, Walter T., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Business machine stand. 2,160,289; May 30.
Sagner, Walter T., Wethersfield, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Bookkeeping machine stand. 2,160,990; June 6.
Sagstetter, William H., Denver, Colo. Boxcar. 2,144,730; Jan. 24.
Saha, Ludwig, Secane, assignor to Saha Manufacturing Company, Inc., Philadelphia, Pa. Dry expansion unit. 2,158,382; May 16.
Saha, Ludwig, Secane, assignor to Saha Manufacturing Company, Inc., Philadelphia, Pa. Sub-top for refrigerating cabinets. 2,164,023; June 27.
Saha Manufacturing Company. (See Saha, Ludwig, assignor.)
Sahlbom, Olaf A., Everett, Wash. Thermostatic circuit closer. 2,162,974; June 20.
Sahlmann, Harry C., Fairfield, Ala. Structural member. 2,159,182; May 23.
Sahy, Louis, Gingins, assignor to A. Badan, Bursins, Canton of Vaud, Switzerland. Ski. 2,142,459; Jan. 3.
Sahyun, Melville, assignor to Frederick Stearns & Company, Detroit, Mich. Producing crystalline insulin. 2,174,862; Oct. 3.
Saibara, Robert, S. Bilinsky, and W. G. McLarry, assignors to E. E. Rosaire, Houston, Tex. Exploration by incremental wave distortion. 2,177,346; Oct. 24.
Saiberlich, Erwin W., assignor to Fox River Tractor Company, Appleton, Wis. Crop blower. 2,180,838; Nov. 21.
Sailer, Rudolph J., Townley, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Presser-foot for sewing machines. 2,147,128; Feb. 14.
Sailer, Rudolph J., Townley, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Toilet seat lid cover and attaching drawstrings to the edges thereof. 2,172,224; Sept. 5.
Sail-Me Company. (See Howard, Joseph O., assignor.)
Sainich, Martin, Livingston, Mont. Locomotive and car wheel tire shaping tool. 2,163,738; June 27.
St. Aubin, Emile, Kankakee, Ill. Ventilating device. 2,171,903; Sept. 5.
St. Clair, Harry H. (See Hart, Raymond S., assignor.)
St. Clair, John A., Indianapolis, Ind. Tool-shaping template. 2,169,398; Aug. 15.
St. Dennis, Roy W., Millbrook, N. Y. Convertible rowboat and tent. 2,153,282; Apr. 4.
Saint Genies, Anne H. J. D., Versailles, France. Screen for the projection of images in relief. 2,154,868; Apr. 18.
St. George Textile Corporation. (See Weinberger, Jans, assignor.)
St. John, Bay, et al. (See Berluti, Ercole R., assignor.)
St. John, Bay. (See Dayton, Max E., assignor.)
St. John, Dee, Flint, Mich. Concrete mixing wheelbarrow. 2,176,874; Oct. 24.
St. John, Everett, Westport, Conn., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cable supporting device. 2,182,885; Dec. 12.
St. Joseph Iron Works. (See Hintz, P., and Schmidtke, assignors.)
St. Paul Hydraulic Hoist Co. (See Day, Herbert O., assignor.)
St. Pierre, Henry, Worcester, Mass. Chain link. 2,177,753; Oct. 31.
St. Regis Paper Company. (See Hartman, C. H., Dorrington, and Hangen, assignors.)
St. Regis Paper Company. (See Rigor, Guy L., assignor.)
Saint, Winford W., Piedmont, Calif. Display cover for boxes. 2,155,996; Apr. 25.
Saives, Léon, assignor to L. Renault, Billancourt, France. Hydraulic servo-brake for motor vehicles. 2,145,373; Jan. 31.
Saives, Leon, assignor to L. Renault, Billancourt, France. Apparatus for the treatment of gas. 2,147,551; Feb. 14.
Saives, Leon, assignor to L. Renault, Billancourt, France. Metallic construction. 2,147,552; Feb. 14.
Saives, Léon, assignor to L. Renault, Billancourt, France. Elastic wing assemblage. 2,153,099; Apr. 4.
Sake, Joseph E., Hawthorne, Calif. Grommet securing tool. 2,178,187; Oct. 31.
Sakier, George, assignor to The Accessories Company, Inc., New York, N. Y. Joint for bathtubs and the like. 2,143,033; Jan. 10.
Sakier, George, assignor to The Accessories Company, Inc., New York, N. Y. Joint for bathtubs and the like. 2,143,034; Jan. 10.
Sakier, George, assignor to The Accessories Company, Inc., New York, N. Y. Joint for bathtubs and the like. 2,145,215; Jan. 24.
Sakier, George, assignor to The Accessories Company, Inc., New York, N. Y. Attaching device for meat grinders, etc. 2,145,838; Jan. 31.
Saklatwalla, Byramji D., Pittsburgh, Pa. Alloy steel. 2,150,341; Mar. 14.
Saklatwalla, Byramji D., Pittsburgh, Pa. Alloy steel and structural member. 2,150,342; Mar. 14.
Saklatwalla, Byramji D., Pittsburgh, Pa. Light weight construction steel. 2,171,375; Aug. 29.
Sakren, Benjamin, Brooklyn, N. Y., and W. G. Levine, Miami Beach, Fla. File. 2,161,532; June 6.
Saks and Company. (See Johnson, Arnold E., assignor.)
Saks, Ira. (See Jarrett, George T., assignor.)
Saks, Ira. (See Spase, Charles B., assignor.)
Saks, Ira, Shaker Heights, Ohio. Clutch disk. 2,180,746; Nov. 21.
Sakurai, Hyosuke, Ohtakamachi, Chita District, Aichi Prefecture, Japan. Manufacturing chicken feed and the composition of the same. 2,168,138; Aug. 1.
Sakurai, Hyosuke, Chita District, Japan. Impulse type rotary crusher. 2,171,100; Aug. 29.
Salansky, Franz, Vienna, Austria. Making bushings. 2,177,584; Oct. 24.
Salassi, Louis L., Vicksburg, Miss. Gear-shifting mechanism. 2,174,950; Oct. 3.
Salazar de Eça, Luiz de M. (See Paes, F. de O., Salazar de Eça, and Pires.)
Sale, William H., Richmond, Va., assignor to Naylor Patents Corporation, Chicago, Ill. Brake beam. 2,142,417; Jan. 3.
Sale, William H., Richmond, Va., assignor to Naylor Patents Corporation. Hand brake holding mechanism. 2,158,429; May 16.
Salemi, Leoluca. (See di Giacomo, V., and Salemi.)

Salentine, Herbert M., Los Angeles, Calif. Operating well pumps. 2,147,924; Feb. 21.
Salentine, Herbert M., Los Angeles, Calif. Hydraulic pumping jack. 2,157,219; May 9.
Saler, Jules N. (See Anderson, W. B., and Saler.)
Saler, Jules N., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,143,169; Jan. 10.
Saler, Jules N., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ice tray. 2,163,705; June 27.
Saler, Jules N., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ice tray. 2,173,696; Sept. 19.
Salerni, Edoardo M., Paris, France. Apparatus for subjecting gases to the action of liquids. 2,145,374; Jan. 31.
Salerni, Marie T. E. (See Salerni, Piero M., assignor.)
Salerni, Piero M., Westminster, London, England, assignor to M. T. E. Salerni, Nice, France. Hydraulic power transmission apparatus. 2,173,428; Sept. 19.
Salerno, Fred G., Chicago, Ill. Baking oven. 2,143,525; Jan. 10.
Saley, Henry, Blue River, Wis. Gambrel. 2,169,928; Aug. 15.
Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Package fabrication. 2,147,383; Feb. 14.
Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Package. 2,147,384; Feb. 14.
Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Rubber package fabrication. 2,161,093; June 6.
Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Alignment controlled packaging machine. 2,162,230; June 13.
Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Fluid package forming system. 2,166,643; July 18.
Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Crimping sealer construction. 2,175,031; Oct. 3.
Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Method and apparatus for packaging articles. 2,180,966; Nov. 21.
Saling, William J., Decatur, Ill. Automatic ignition cut-off. 2,152,097; Mar. 28.
Salinger, Arthur, Bronxville, assignor to I. B. Kleinert Rubber Company, New York, N. Y. Fastening device. 2,144,897; Jan. 24.
Salisbury, Arthur V., Kenton, Ohio. Automatic cut-off. 2,158,309; May 16.
Salisbury, Charles K., Waterloo, Iowa. Tracer controlled feed mechanism. 2,146,157; Feb. 7.
Salisbury, Le Roy J., Olneyville, R. I., assignor to Freeman Daughaday Company. Cuff link construction. 2,182,502; Dec. 5.
Salisbury & Satterlee Way Co. (See Bechik, Michael, assignor.)
Salisbury, William, Monroeville, Ohio. Producing pottery. 2,183,944; Dec. 19.
Salkovitz, Harry B., et al. (See Gorick, Frank G., assignor.)
Salkvist, Gustav E., Pittsburgh, Pa., assignor to Koppers Company. Coke-oven door mechanism. 2,175,217; Oct. 10.
Sallee, Webster I., Cleveland, Ohio. Method and apparatus for separating materials. 2,156,483; May 2.
Sallee, Webster I., Cleveland, Ohio. Fuel conditioning and burning apparatus. 2,176,824; Oct. 17.
Sallmann, Richard. (See Graenacher, C., Sallmann, and Johner.)
Sallmann, Richard. (See Graenacher, C., and Sallmann.)
Salmon, Reginald D. (See Thompson, A. E., and Salmon.)
Salmon, Reginald D., assignor to Creed and Company Limited, Croydon, England. Regenerator for telegraph signals. 2,144,938; Jan. 24.
Salmon, Reginald D., assignor to Creed and Company Limited, Croydon, England. Regenerative repeater for telegraph signals. 2,147,823; Feb. 21.
Salmon, Reginald D., assignor to Creed and Company, Limited, Croyden, England. Ciphering and deciphering mechanism. 2,156,097; Apr. 25.
Salmon, Reginald D., assignor to Creed and Company Limited, Croydon, England. Telegraph apparatus. 2,167,527; July 25.
Salmon, Reginald D., Croydon, assignor to Creed and Company Limited, Croydon, Surrey, England. Telegraph transmitter. 2,167,528; July 25.
Salmond, Hubert M., Fareham, assignor to Graviner Manufacturing Company Limited, London, England. Stoppering and opening fluid containers or vessels. 2,143,132; Jan. 10.
Salmond, Hubert M., Fareham, A. Mathisen, Twickenham, and G. Palmer and H. D. E. Goodall, South Farnborough, assignors to Graviner Manufacturing Company Limited, London, England. Discharge device for fluid containers. 2,143,133; Jan. 10.
Salo, Martti. (See Fordyce, C. R., and Salo.)
Salomon, Francois M. M. B., Paris, France. Oscillation damping means. 2,181,610; Nov. 28.
Salsas-Serra, Francisco, Paris, France. Atomizer for liquids. 2,166,772; July 18.
Salsbury's, Dr., Laboratories. (See Mayfield, Orley J., assignor.)
Salstein, Maurice S. (See Sadowsky, Jack, assignor.)
Salt, Lloyd B., Chestnut Hill, assignor to B. F. Sturtevant Company, Boston, Mass. Vacuum cleaner. 2,164,002; June 27.
Salter, Harry. (See Slauter, L. V., and Salter.)
Saltzer, Louis, Westpoint, Calif. Drill bit and shank. 2,180,120; Nov. 14.
Saltzman, S. M. (See Parker, Louis W., assignor.)
Salvage Process Corporation. (See Parker, Lester W., assignor.)
Salvesen, Richard E., Forest City, Iowa. Dispensing cap. 2,169,501; Aug. 15.
Salyers, Clay, Los Angeles, Calif. Linoleum handling apparatus. 2,156,820; May 2.
Salzberg, Bernard, East Orange, N. J., assignor to Radio Corporation of America. Stabilized tuned radio frequency amplifier. 2,172,454; Sept. 12.
Salzberg, Harold K., Pittsburgh, Pa., assignor to The Borden Company, New York, N. Y. Foundry core binder. 2,145,317; Jan. 31.
Salzberg, Harold K., Pittsburgh, Pa., assignor to The Borden Company, New York, N. Y. Soluble dried solids of milk and producing the same. 2,181,003; Nov. 21.
Salzberg, Harold K., Pittsburgh, Pa., assignor to The Borden Company, New York, N. Y. Foundry core binder. 2,181,004; Nov. 21.
Salzberg, Paul L. (See Austin, P. R., and Salzberg.)
Salzberg, Paul L. (See Bousquet, E. W., and Salzberg.)
Salzberg, Paul L. (See Flint, R. B., and Salzberg.)
Salzberg, Paul L., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical compound. 2,163,104; June 20.
Salzberg, Paul L., Carrcroft, Del., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricant. 2,178,610; Nov. 7.
Salzberg, Paul L., Wilmington, Del., and C. F. A. White, Parlin, N. J., assignors to Du Pont Film Manufacturing Corporation, New York, N. Y. Color photography. 2,166,181; July 18.
Salzer Freres, Societe Anonyme. (See Wälti, Heinrich, assignor.)
Salzman, Louis, Manteno, assignor to W. Salzman, Kankakee, Ill. Tractor guide. 2,146,095; Feb. 7.
Salzman, William. (See Salzman, Louis, assignor.)
Samandji, Jacques, Paris, France. Machine for the treatment of photographic prints. 2,154,585; Apr. 18.
Samaras, Nicholas N. T., and M. Plunguian, Dayton, assignors to The Mead Corporation, Chillicothe, Ohio. Molding process and material. 2,161,748; June 6.
Samaras, Nicholas N. T., Dayton, and M. Plunguian, assignors to The Mead Corporation, Chillicothe, Ohio. Molding process and materials. 2,161,749; June 6.
Samaras, Stephen, Oakland, Calif. Faucet. 2,159,452; May 23.
Sambleson, Robert F., Bridgeport, Conn., assignor to General Electric Company. Electric switch. 2,142,151; Jan. 3.
Sambleson, Robert F., Bridgeport, Conn., assignor to General Electric Company. Electric switch. 2,142,152; Jan. 3.
Sambleson, Robert F., Bridgeport, Conn., assignor to General Electric Company. Electric switch. 2,142,153; Jan. 3.
Sambleson, Robert F., Bridgeport, Conn., assignor to General Electric Company. Electric switch. 2,142,154; Jan. 3.
Sambleson, Robert F., Bridgeport, Conn., assignor to General Electric Company. Electric switch. 2,142,155; Jan. 3.
Sambleson, Robert F., Bridgeport, Conn., assignor to General Electric Company. Electric switch. 2,142,156; Jan. 3.
Sambleson, Robert F., Bridgeport, Conn., assignor to General Electric Company. Slow break switch. 2,153,396; Apr. 4.
Sambleson, Robert F., Bridgeport, Conn., assignor to General Electric Company. Electric switch. 2,155,244; Apr. 18.
Samcoe Holding Corporation. (See Cohn, S., and Walter, assignors.)
Samelson, Edgar M., et al. (See Stanchfield, Therese, assignor.)
Samelson, Marcia W., et al. (See Stanchfield, Therese, assignor.)
Samer, Henry A., Ludlow, Ky., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Electric feeder distribution system. 2,148,136; Feb. 21.
Samerdyke, Fred J., Rocky River, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Manufacture of cuprammonium rayon. 2,157,148; May 9.
Samerdyke, Fred J., Rocky River, assignor to Industrial Rayon Corporation, Cleveland, Ohio. Cantilever winding reel. 2,167,681; Aug. 1.
Samerdyke, Fred J., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Winding reel. 2,175,218; Oct. 10.
Samerdyke, Fred J., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Winding reel. 2,179,523; Nov. 14.
Samerdyke, Fred J., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Reel. 2,181,916; Dec. 5.
Samiran, David, Dayton, Ohio. Portable fluid segregating apparatus. 2,167,682; Aug. 1.

Sammis, Albert V., Huntington, N. Y. Method of and apparatus for producing foam for fire extinction. 2,158,015; May 9.
Sammon, Joseph, Kearny, assignor to Driver-Harris Company, Harrison, N. J. Rollerway. 2,158,865; May 16.
Samonds, Leslie, Chicago, Ill. Concrete step mold. 2,155,908; Apr. 25.
Samotey, John, Brooklyn, N. Y. Shaving device. 2,184,757; Dec. 26.
Sampanes, Andreas G. (See Loris, Tom A., assignor.)
Sampietro, Achille C., London, England. Control means of land vehicles. 2,183,283; Dec. 12.
Sample, Elwin C., Lakeland, Fla. Antiflap shade holder. 2,173,429; Sept. 19.
Sampsel, Arthur V., Lafayette, Ind., assignor to Sears, Roebuck & Company, Chicago, Ill. Automatic stoker. 2,164,350; July 4.
Sampson, Edward J., Calamus, Iowa. Throttle control mechanism. 2,171,456; Aug. 29.
Sampson, Frederick W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Universal joint. 2,154,077; Apr. 11.
Sampson, John C., St. Louis, Mo., assignor of one-half to J. E. Sampson. Electronic phonograph pick-up. 2,165,981; July 11.
Sampson, Julian E. (See Sampson, John C., assignor.)
Sampson, William R., Chester, Md. Door holder. 2,154,869; Apr. 18.
Sams, Edward H., Isleworth, England. Treating peat to render it suitable for such uses as the feeding and bedding of animals and manuring or fertilizing. 2,178,051; Oct. 31.
Samson, Herbert S., Winnipeg, Manitoba, Canada, assignor of two-fifths to John A. Dienner, Evanston, Ill. Processing of milk to be used for beverages and the product thereof. 2,164,351; July 4.
Samson Tire & Rubber Corporation. (See Miller, G. C., and Sourwine, assignors.)
Samson-United Corporation. (See Keene, Alvin D., assignor.)
Samuel, Arthur L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,163,156; June 20.
Samuel, Arthur L., Summit, N. J., assignor to Bell Telephone Laboratories, Inc., New York, N. Y. Electron discharge apparatus. 2,163,157; June 20.
Samuel, Arthur L., Summit, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,163,247; June 20.
Samuel, Arthur L., Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signal-translating apparatus. 2,169,396; Aug. 15.
Samuel, John O., Pontlliw in Swansea, assignor, by mesne assignments, to Unifloc Reagents Limited, Swansea, Wales. Treatment of dispersions. 2,149,748; Mar. 7.
Samuel, Max, Cologne, Germany. Bandage package. 2,172,455; Sept. 12.
Samuels, Henry. (See Harrison, A. A., and Samuels.)
Samuelson, Charles T., assignor to Pennsylvania Shipyards, Inc., Beaumont, Tex. Reconditioned ship and method of installing internal bulkheads in ships. 2,176,926; Oct. 24.
Samuelson, Robert E., assignor to A. A. Collins, Cedar Rapids, Iowa. Control circuit for shaft positioning system. 2,145,895; Feb. 7.
Sanbern, Edward N. (See Gillett, M. C., Sanbern, and Roche.)
Sanborn Company. (See Miller, Arthur, assignor.)
Sanchez, John, assignor to S & W Fine Foods, Inc., San Francisco, Calif. Cherry pitter head. 2,169,375; Aug. 15.
Sanchez, Rosenwald F. (See Carswell, F. L., and Sanchez.)
Sand, John, Marcus, Iowa. Ear corn test probe. 2,184,472; Dec. 26.
Sandberg, August, New York, N. Y. Broom sweeper. 2,145,738; Jan. 31.
Sandberg, James T., Stockholm, Sweden. Whip-stitching attachment for sewing machines. 2,168,139; Aug. 1.
Sandberg, James T., and S. R. Bjereus, Stockholm, Sweden. Whip-stitching device. 2,158,430; May 16.
Sandberg, Nels H. (See Ronning, H. O., Cullen, Monson, and Sandberg.)
Sandberg, Ray A. (See Jandus, H. S., and Sandberg.)
Sandberg, Ray A., Waukegan, Ill., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Refrigerator evaporator and shelf lay out. 2,144,510; Jan. 17.
Sandberg, Ray A., Waukegan, Ill., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Brake lever construction. 2,146,130; Feb. 7.
Sandberg, Ray A., Waukegan, Ill., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Automobile locking structure. 2,147,413; Feb. 14.
Sandberg, Ray A., Waukegan, Ill., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Automobile locking structure. 2,147,613; Feb. 14.
Sandberg, Ray A., Waukegan, Ill., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Brake lever. 2,150,008; Mar. 7.
Sandberg, Ray A., Waukegan, Ill., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Spring friction brake lever. 2,154,215; Apr. 11.
Sandberg, Ray A., Waukegan, Ill., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Brake lever construction. 2,155,061; Apr. 18.
Sandberg, Ray A., Waukegan, Ill., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Lever construction. 2,155,062; Apr. 18.
Sandberg, Ray A., Waukegan, Ill., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Automobile locking structure. 2,155,063; Apr. 18.
Sandberg, Ray A., Waukegan, Ill., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Automobile locking structure. 2,155,064; Apr. 18.
Sandberg, Ray A., Waukegan, Ill., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Automobile locking structure. 2,156,355; May 2.
Sandberg, Ray A., Waukegan, Ill., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Friction brake lever. 2,160,679; May 30.
Sandberg, Ray A., Waukegan, Ill., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Manufacturing receiver tanks. 2,160,680; May 30.
Sandberg, Ray A., Waukegan, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Windshield regulator assembly. 2,172,668; Sept. 12.
Sandberg, Ray A., Waukegan, Ill., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Bumper guard. 2,177,190; Oct. 24.
Sandberg, Ray A., Waukegan, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Applying a pivot pin to thin stock. 2,177,191; Oct. 24.
Sandberg, Ray A., Waukegan, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Bumper guard structure. 2,184,651; Dec. 26.
Sandberg, Ray A., Waukegan, Ill., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Automobile steering and lock assembly. 2,184,652; Dec. 26.
Sandberg, Ray A., and E. J. Van Sickel, Waukegan, Ill., assignors, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Friction type brake lever. 2,159,821; May 23.
Sandberg, Ray A., and E. J. Van Sickel, Waukegan, Ill., assignors, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Friction brake lever. 2,162,492; June 13.
Sandberg, Valentine, Teaneck, N. J. Folding postcard or window display. 2,148,279; Feb. 21.
Sandblom, Gideon E., Farjenas, near Gothenburg, Sweden. Internal combustion engine. 2,160,755; May 30.
Sandell, Rudolf, Stockholm, Sweden. Collapsible egg carton. 2,150,461; Mar. 14.
Sander, Ernst, Dessau, Germany. Apparatus for treating gases. 2,147,109; Feb. 14.
Sander, Walter, Anaheim, Calif. Shredder. 2,150,192; Mar. 14.
Sander, Wilhelm, Zwickau, Saxony, Germany. Nonskid cap for bicycle dynamos. 2,151,566; Mar. 21.
Sanders-Dolgoruki, Edgar, assignor to Truecolour Film Limited, London, England. Color photography or cinematography. 2,163,325; June 20.
Sanders, Earl V., Pawnee, Ill. Musical instrument. 2,153,725; Apr. 11.
Sanders, Eli, Bald Knob, Ark. Pencil attachment. 2,158,431; May 16.
Sanders, John C., assignor to Boeing Aircraft Company, Seattle, Wash. Aircraft gun mount and flush protective shield therefor. 2,164,722; July 4.
Sanders, Lorne, Redlands, assignor to Killefer Manufacturing Corporation, Los Angles, Calif. Offset disk harrow. 2,163,917; June 27.
Sanders, Louis S., Lakewood, Ohio. Camera copy and medium for use in preparing same. 2,146,653; Feb. 7.
Sanders, Marsh. (See Crandall, M., and Sanders.)
Sanders, Oscar. (See Davenport, Louis D., assignor.)
Sanders, Philip H. (See Scogland, C. A., and Sanders.)
Sanders, Rufus C., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Bumper guard. 2,144,167; Jan. 17.
Sanders Small Arms Limited. (See Sanders, Thomas F., assignor.)
Sanders, Thomas F., Slough, assignor to Sanders Small Arms Limited, London, England. Recoil-operated firearm. 2,145,136; Jan. 24.
Sanders, Vernon H., assignor to Stackpole Carbon Company, St. Marys, Pa. Brake lining. 2,159,935; May 23.
Sanders, William H. (See Smith, W. N., and Sanders.)
Sanderson, Ray R., Orrville, Ohio. Percussion drill. 2,154,960; Apr. 18.
San Diego Consolidated Gas and Electric Company. (See Goldkamp, Otto B., assignor.)
Sandin, Jerome M., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,154,703; Apr. 18.
Sandin, Jerome, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,160,681; May 30.
Sandin, Jerome, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,165,511; July 11.
Sandin, Jerome, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit controlling device. 2,178,083; Oct. 31.

Sandison, Alexander G. S., West Wickham, England. Electrical measuring system. 2,148,584; Feb. 28.
Sandler, Louis, assignor to Johnson Bronze Company, New Castle, Pa. Machinable sinter bearing. 2,153,397; Apr. 4.
Sandor, Felix E. L. (See Sandor, Nicholas, and F. E. L.)
Sandor, Nicholas, and F. E. L., Surbiton, Surrey, assignors to I. S. M. Limited, London, England. Display device. 2,161,982; June 13.
Sandusky Foundry & Machine Co. (See Burden, Harry C., assignor.)
Sandusky Foundry and Machine Co. (See Millspaugh, William H., assignor.)
Sandwell, Percy R., assignor to Dominion Engineering Works Limited, Montreal, Quebec, Canada. Drying cylinder. 2,150,132; Mar. 7.
Sandy Hill Iron & Brass Works, The. (See Leeson, William M., assignor.)
Sanford, Baalis, assignor to Norton Company, Worcester, Mass. Resinoid bonded abrasive article. 2,168,281; Aug. 1.
Sanford, Baalis, and D. E. Webster, assignors to Norton Company, Worcester, Mass. Abrasive wheel and manufacture. Re. 21,043; Apr. 4.
Sanford, Cyrus, Jr., Venice, Calif. Line guide tip for fishing rods. 2,147,063; Feb. 14.
Sanford, Hugh W., Knoxville, Tenn. Dump bottom car. 2,159,292; May 23.
Sanford, Percy P., San Francisco, Calif. Package. 2,182,932; Dec. 12.
Sanford, Ray S., New York, N. Y., assignor to Bendix Products Corporation, South Bend, Ind. Clutch control mechanism. 2,144,034; Jan. 17.
Sanford, Robert G., High Falls, N. Y. Multiple fuse device for electric circuits. 2,150,249; Mar. 14.
Sanford, Robert V., Hartford, assignor to The Stanley Works, New Britain, Conn. Method and means for loading and transporting merchandise. 2,159,622; May 23.
Sanford, Roy S. (See Houston, G. F., and Sanford.)
Sanford, Roy S., New York, N. Y. Control means. 2,177,748; Oct. 31.
Sanford, Roy S., New York, N. Y., assignor to Bendix Products Corporation, South Bend, Ind. Tire inflating and brake operating mechanism. 2,148,246; Feb. 21.
Sanford, Roy S., New York, N. Y., assignor to Bragg-Kliesrath Corporation, South Bend, Ind. Clutch and brake control mechanism. 2,148,280; Feb. 21.
Sanford, Roy S., New York, N. Y., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Throttle controlling mechanism. 2,148,305; Feb. 21.
Sanford, Roy S., New York, N. Y., assignor to Bendix Products Corporation, South Bend, Ind. Transmission mechanism. 2,152,098; Mar. 28.
Sanford, Roy S., New York, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,163,891; June 27.
Sanford, Roy S., New York, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,170,875; Aug. 29.
Sanford, Roy S., New York, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch operating mechanism. 2,181,743; Nov. 28.
Sanford, Roy S., Waterbury, Conn. Control means. 2,177,749; Oct. 31.
Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Buckle. 2,149,364; Mar. 7.
Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Detachable support. 2,157,020; May 2.
Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Roll holder. 2,181,207; Nov. 28.
Sanford, Roy S., assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Hose coupling. 2,152,975; Apr. 4.
Sanford, Roy S., assignor to Bendix Aviation Corporation, South Bend, Ind. Automotive control. 2,175,219; Oct. 10.
Sanford, Roy S., New York, N. Y., and V. W. Kliesrath, South Bend, Ind., assignors to Bendix Products Corporation, South Bend, Ind. Steering mechanism. 2,163,892; June 27.
Sanford, William C., La Oroya, Peru. Election game. 2,181,793; Nov. 28.
San Francisco Sulphur Company. (See Missbach, Edmund C., assignor.)
Sangamo Electric Company. (See Butherus, F. R., assignor.)
Sangamo Electric Company. (See Hamill, Ret O., assignor.)
Sangamo Electric Company. (See Kurz, Fred, assignor.)
Sanger, Frank M., assignor to The Bagley and Sewall Company, Watertown, N. Y. Shake unit. 2,175,765; Oct. 10.
Sanger, George J., Park Ridge, Ill. Rotary sewer cleaning machine. 2,167,268; July 25.
Sanger, Otto. (See Becker, H., and Sanger.)
Sanial, Arthur J., Flushing, N. Y., assignor to Radio Corporation of America. Electroacoustical apparatus. 2,164,756; July 4.
Sanicut Mfg. Co. (See Pershall, Ralph H., assignor.)
Sani-Self Server Corporation. (See Phinney, Robert H., assignor.)
Sani-Self Server Corporation. (See Phinney, R. H., and Du Bon, assignors.)
Sanitary Metal Cap Corporation. (See MacCordy, Charles A., assignor.)
San Juan Fishing and Packing Company. (See Hergert, Winfield D., assignor.)
Sankey, Elmer, Belle Fourche, S. Dak. Foldable tent. 2,167,219; July 25.
Sanner, John P., assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Testing machine. 2,176,722; Oct. 17.
Sansonetti, Adolph J., Wakefield, Mass. Detachable shoe heel. 2,152,099; Mar. 28.
Santarelli, Vincent, and J. Giacobbe, Detroit, Mich. Duster. 2,179,580; Nov. 14.
Santiago, James J., assignor to John Grant, Los Angeles, Calif. Well bore enlarging tool. 2,169,502; Aug. 15;
Santini, Danilo. (See Bouton, E. M., Williams, and Santini.)
Santini, Danilo. (See Williams, H. W., and Santini.)
Santise, James T., Brooklyn, N. Y. Collapsible hat. 2,149,468; Mar. 7.
Santo, Steven, Torrington, Conn. Hamburger steak forming machine. 2,150,659; Mar. 14.
Sapal Societe Anonyme des Plieuses Automatiques. (See Kraft, Maurice, assignor.)
Saperston, Mark J. (See Adams, Thomas C., assignor.)
Saponara, Dominick. (See Schneider, F. H., and Saponara.)
Sapp, John, Republic, Pa. Internal combustion engine. 2,155,775; Apr. 25.
Sapp, Robert W. (See Coleman, G. H., and Sapp.)
Saraga, Ernest, Bucharest, Rumania. Manufacture of transparent flexible sheets. 2,152,925; Apr. 4.
Sarazin, Raoul R. R., Saint-Prix, France. Device for balancing reciprocating engines. 2,154,359; Apr. 11.
Sarazin, Raoul R. R., Saint-Prix, France. Device for imparting impulses to a system. 2,156,484; May 2.
Sarazin, Raoul R. R., Saint-Prix, France. Device for balancing alternating machines. 2,183,467; Dec. 12.
Sarber, Frank N. (See Alles, F. W., and Sarber.)
Šarčević, Mato, Osijek, Yugoslavia. Orthopedic footwear with foot-supporting plate. 2,151,720; Mar. 28.
Sardeson, Robert, Minneapolis, Minn., assignor to McGraw Electric Company, Chicago, Ill. Automatic electric toaster. 2,147,385; Feb. 14.
Sardeson, Robert, Minneapolis, Minn., assignor to McGraw Electric Company, Chicago, Ill. Automatic toaster. 2,147,386; Feb. 14.
Sardeson, Robert, Minneapolis, Minn., assignor to McGraw Electric Company, Chicago, Ill. Automatic toaster. 2,162,899; June 20.
Sardeson, Robert, Minneapolis, Minn., assignor to McGraw Electric Company, Chicago, Ill. Compensated bimetal thermostat 2,171,895; Sept. 5.
Sardeson, Robert, Minneapolis, Minn., assignor to McGraw Electric Company, Chicago, Ill. Automatic toaster. 2,171,896; Sept. 5.
Sardeson, Robert, Minneapolis, Minn., assignor to McGraw Electric Company, Chicago, Ill. Automatic toaster. 2,171,897; Sept. 5.
Sardik Incorporated. (See Cowgill, William W., assignor.)
Sardik Incorporated. (See Myers, Philip B., assignor.)
Särenholm, Einar, and H. Warrol, Eskilstuna, Sweden. Lock for doors and the like. 2,166,535; July 18.
Sargent & Company. (See Carlson, Herman B., assignor.)
Sargent Engineering Company. (See Sargent, Sumner B., Jr., assignor.)
Sargent, Herbert L., North Danville, N. H. Thermostatic control system. 2,164,353; July 4.
Sargent, Herbert L., North Danville, N. H. Control system. 2,164,352; July 4.
Sargent, Richard B., Philadelphia, assignor to The Hale Fire Pump Co., Inc., Conshohocken, Pa. Suction mechanism. 2,180,259; Nov. 14.
Sargent, Sullivan A., Jr., et al., trustees. (See Dahl, Edward T., assignor.)
Sargent, Sumner B., Jr., Los Angeles, Calif., assignor to Sargent Engineering Company. Pump plunger. 2,182,527; Dec. 5.
Sargent, William D., New York, N. Y., assignor to Durafer (Inc.), Dover, Del. Welding strip and centrifugal casting. 2,171,405; Aug. 29.
Sargent, William D., New York, and C. G. Keller, Hyde Park, N. Y. Brake drum. 2,160,912; June 6.
Sargent's C. G., Sons Corporation. (See Furbush, Frank L., assignor.)
Sargent's, C. G., Sons Corporation. (See Hall, Isaac L., assignor.)
Sargents, C. G., Sons Corporation. (See Hall, Richard W., assignor.)
Sargeson, John, Levy Township, Quebec, Canada. Hydraulic artificial hand. 2,182,214; Dec. 5.
Saricks, Joseph G., 2nd, et al. (See Thomas, William S., assignor.)
Sarkar, Chandra S., Calcutta, India. Converting reciprocating into rotary motion. 2,167,314; July 25.
Sarles, Benjamin E. and B. R., Annapolis, Md. Folding step. 2,158,949; May 16.
Sarles, Benjamin R. (See Sarles, Benjamin E. and B. R.)

Sarnes, Lowell F., assignor to Monarch Governor Company, Detroit, Mich. Mirror assembly for an automobile body. 2,161,777; June 6.
Sarran, Wallace E., assignor to The Chas. W. Breneman Company, Cincinnati, Ohio. Window shade and roller. 2,173,791; Sept. 19.
Sarsfield, Myron W., and C. L. Conklin, Graham, Tex. Derrick. 2,157,500; May 9.
Sartwell, Clinton E. (See Mosling, B. A., and Sartwell.)
Sarver, Emmett F., assignor to E. L. Freeling, Kansas City, Mo. Fluid actuated coupler. 2,170,538; Aug. 22.
Sarvis, Louis, Upper Darby, assignor to E. F. Houghton & Co., Philadelphia, Pa. Cyanide salt bath. 2,169,008; Aug. 8.
Sassano, Joseph, Yonkers, N. Y. Rotary brush back. 2,156,514; May 2.
Sassano, Nicholas, Mount Vernon, N. Y. Adjustable margin float. 2,179,563; Nov. 14.
Sassen, Bernard, H. Ernst, and F. S. Haas, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Variable delivery pump. 2,164,888; July 4.
Sassoon, Michael T., and E. T. Worsell, Kent, England. Safety device for motor vehicles. 2,163,292; June 20.
Sateren, Martin G., West Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Compression apparatus. 2,178,811; Nov. 7.
Sato, Masonori. (See Seto, I., and Sato.)
Satragno, Francesco, Rome, Italy. Device for the automatic application of antiseptic insulating ribbons to the edges of drinking glasses, cups, and the like. 2,167,728; Aug. 1.
Satterlee, Howard A., Needham, assignor to Submarine Signal Company, Boston, Mass. Apparatus for controlling rotation. 2,147,674; Feb. 21.
Satterlee, Howard A., Needham, assignor to Submarine Signal Company, Boston, Mass. Apparatus for controlling rotation. 2,163,632; June 27.
Satterlee, Howard A., Needham, assignor to Submarine Signal Company, Boston, Mass. Variable speed motor system. 2,181,155; Nov. 28.
Sattler, Edward J., Mineral City, Ohio. Car supporting construction. 2,184,021; Dec. 19.
Sattler, Hans, Sheboygan, Wis. Machine for applying stick handles to frozen confection blocks. 2,152,214; Mar. 28.
Sattler, Stephen, Tulsa, Okla. Collapsible copy holder. 2,170,161; Aug. 22.
Sattler, Wilhelm, Mannheim, assignor to Stotz-Kontakt, Gesellschaft mit beschrankter Haftung, Mannheim-Neckaran, Germany. Automatic toggle joint cut-out switch. 2,148,880; Feb. 28.
Satz, William, New York, N. Y. Brief case. 2,181,208; Nov. 28.
Satzinger, Gebhard, Bad Kissingen, Germany. Food comminuting machine. 2,142,480; Jan. 3.
Saucier, Ewart E., El Paso, Tex. Keyless ignition switch. 2,185,066; Dec. 26.
Saucke, Herman, New York, N. Y. Tool. 2,158,866; May 16.
Sauder, Howard R., Wheeling, W. Va. Shield for nursing nipples. 2,167,284; July 25.
Sauer, Ernst. (See Muller, H., and Sauer.)
Sauer, George. (See Christensen, N. V., Smith, and Sauer.)
Sauer, George. (See Hacklander, H., and Sauer.)
Sauer, Hans, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Polarizing structure. 2,185,018; Dec. 26.
Sauer, Hans, G. Henkel, and H. Bartels, assignors to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Exposure meter. 2,142,657; Jan. 3.
Sauer, Hans, and O. Vierling, assignors to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Stereo-optic instrument. 2,168,273; Aug. 1.
Sauer, Henry J., Fairfield, Conn. Rear vision mirror bracket. 2,176,723; Oct. 17.
Sauer, Henry J., assignor to The Kilborn-Sauer Company, Fairfield, Conn. Rear vision mirror bracket. 2,143.281; Jan. 10.
Sauer, Henry J., assignor to The Kilborn-Sauer Company, Fairfield, Conn. Direction signal lamp. 2,175,918; Oct. 10.
Sauerland, Alfred, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Magnetic system for dynamic loudspeakers. 2,161,318; June 6.
Sauerland, Joseph, West New York, N. J., assignor to Hardman, Peck and Company, New York, N. Y. Apparatus for assembling piano cases. 2,174,670; Oct. 3.
Sauerland, Joseph, West New York, N. J., assignor to Hardman, Peck and Company, New York, N. Y. Piano case. 2,174,671; Oct. 3.
Sauerman, Ernst C., Chicago, Ill. Feeding mechanism. 2,142,213; Jan. 3.
Sauerman, Ernst C., Chicago, Ill. Preaddressed envelope. 2,167,005; July 25.
Sauerman, Ernst C., Chicago, Ill. Producing preaddressed envelopes. 2,184,362; Dec. 26.
Saugerties Manufacturing Co. (See Rose, J. P., and Russell, assignors.)
Saul, George N., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,159,751; May 23.
Saul, George N., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,166,536; July 18.
Sauls, John M., Oklahoma City, Okla. Valve. 2,165,874; July 11.
Saunders, Laurence P., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Making heat exchangers. 2,158,383; May 16.
Saunders, Laurence P., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Radiator header. 2,179,702; Nov. 14.
Saunders, Laurence P., and W. O. Emmons, Lockport, N. Y., assignors to General Motors Corporation, Detroit, Mich. Header and manifold. 2,179,703; Nov. 14.
Saunders, Norman F. T., Ruislip, N. Barnes, High Wycombe, and F. J. Mudge, Hillingdon, assignors to Electric & Musical Industries Limited, Hayes, England. Thermostatically controlled electrically heated iron. 2,146,992; Feb. 14.
Saunders, Norman H. (See Peterson, E. S., and Saunders.)
Saunders, Norman H., Homewood, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,142,658; Jan. 3.
Saunders, Norman H., Homewood, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,165,579; July 11.
Saunders, Norman H., Homewood, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 2,177,079; Oct. 24.
Saunders, Norman H., Homewood, and M. E. Griffins, Western Springs, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Watchman's service system. 2,145,667; Jan. 31.
Saunders, Norman H., and H. G. Evers, assignors, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Impulse sender. 2,172,596; Sept. 12.
Saunders, Sydney L. M., Whetstone, London, and L. W. Coveney, Leytonstone, London, England. Preparation of urea-formaldehyde condensation products. 2,174,012; Sept. 26.
Saunders, Walter C., Jr., Richmond, Va. Fish lure. 2,161,094; June 6.
Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Adjustable seat construction. 2,143,634; Jan. 10.
Saunders, Walter S., assignor to The American Forging and Socket Company, Pontiac, Mich. Latching mechanism. 2,184,086; Dec. 19.
Saunders, Walter S., and T. A. McGregor, assignors to American Forging & Socket Company, Pontiac, Mich. Adjustable seat support. 2,151,156; Mar. 21.
Saunders, Walter S., and T. A. McGregor, assignors to American Forging & Socket Company, Pontiac, Mich. Control handle. 2,180, 215; Nov. 14.
Saunders, William M., Longmeadow, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,181,636; Nov. 28.
Saupe, Max, assignor to J. E. Reinecker, Aktien-Gesellschaft, Chemnitz, Germany. Machine tool. 2,149,791; Mar. 7.
Saur, Karl, Berlin-Reinickendorf, assignor to Siemens Apparate und Maschinen Gesellschaft mit beschrankter Haftung, Berlin, Germany. Apparatus for measuring the quantity of fluid in vessels or containers. 2,168,106; Aug. 1.
Saurer, Curt, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Making vibration insulators. 2,149,902; Mar. 7.
Saurer, Curt, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Flexible coupling. 2,166,376; July 18.
Saurwein, Albert G. (See Graubner, H. G., and Saurwein).
Saurwein, Karl. (See Ulrich, H., Saurwein, Goldacker, and Maiser.)
Sauser, A.-G. (See Wydler, Hermann, assignor.)
Sauser, Joseph A., and R. F. Wert, Evanston, Ill. Putty-removing power tool. 2,176,104; Oct. 17.
Saussaman, Walter A. (See Longtin, W. J., and Saussaman.)
Sauter, William V., and H. F. Lawrence, assignors to American Engineering Company, Philadelphia, Pa. Fluid control mechanism. 2,145,558; Jan. 31.
Sauter, William V., and H. F. Lawrence, assignors to American Engineering Company, Philadelphia, Pa. Fluid control system. 2,173,884; Sept. 26.
Sauter, William V., and H. F. Lawrence, assignors to American Engineering Company, Philadelphia, Pa. Fluid control mechanism. 2,173,885; Sept. 26.
Sauter, William V., and H. F. Lawrence, assignors to American Engineering Company, Philadelphia, Pa. Fluid control system. 2,173,886; Sept. 26.
Sauvë, Elzear. (See Chicoine, L. P., and Sauvë.)
Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Front axle wheel and brake assembly. 2,148,776; Feb. 28.
Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Wheel mounting. 2,162,751; June 20.
Sauzedde, Claude, assignor to Detroit Hydostatic Brake Corporation, Detroit, Mich. Hydraulic brake system. 2,163,633; June 27.

Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Hydrostatic brake. 2,167,683; Aug. 1.
Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Hydraulic seal. 2,170,574; Aug. 22.
Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Braking system. 2,170,575; Aug. 22.
Sauzedde, Claude, assignor to Detroit Hydrostatic Brake Corporation, Detroit, Mich. Hydrostatic brake. 2,176,927; Oct. 24.
Savage Arms Corporation. (See Brewer, Nicholas L., assignor.)
Savage Arms Corporation. (See Jordan, W. D., and Van Vliet, assignors.)
Savage, Edward S., Rochester, N. Y. Game. 2,147,502; Feb. 14.
Savage, Edward S., Rochester, N. Y. Projectile. 2,149,749; Mar. 7.
Savage, Edward S., Rochester, N. Y. Spinning top. 2,177,878; Oct. 31.
Savage, Edward S., Rochester, N. Y. Game. 2,183,107; Dec. 12.
Savage, Gardner C., assignor to The Trane Company, La Cross, Wis. Damper and filter arrangement for air circulating units. 2,157,307; May 9.
Savage, Iva de Freese, Jersey City, N. J. Baking greasing method and product. 2,165,154; July 4.
Savage, John L. (See Kinzie, P. A., Savage, and Nantz.)
Savage, Manuel H. (See Schwartz, E. W., Savage, and Spargo.)
Savage, Manuel H., and F. C. Spargo, New Haven, and E. W. Schwartz, Bridgeport, Conn., assignors to General Electric Company. Rubber insulating compound and making the same. 2,146,594; Feb. 7.
Savage, Marion A., Scotia, N. Y., assignor to General Electric Company. Cooling pad. 2,154,216; Apr. 11.
Savage, Marion A., Scotia, N. Y., assignor to General Electric Company. Fabricating hollow pads. 2,154,217; Apr. 11.
Savage, Robert H., Salem, Oreg. Cane. 2,183,975; Dec. 19.
Savage, Rufus L., Jr. (See Kemp, L. C., and Savage.)
Savage, W. J., Company. (See Fulton, Weston M., assignor.)
Savage, W. J., Company. (See Murrian, J. A., Chapman, and Fulton, assignors.)
Savary, Jean-Baptiste R., Paris, France. Safety razor. 2,182,571; Dec. 5.
Savery, Charles W., Denver, Colo. Slicing. 2,178,920; Nov. 7.
Saville, Willie, and A. H. Williams, Liverpool, England, assignors to Associated Telephone and Telegraph Company, Chicago, Ill. Telephone system. 2,154,776; Apr. 18.
Savio, Michele, Turin, Italy. Fluid pressure cylinder. 2,160,565; May 30.
Savitz, Christian W. (See Johnston, M. O., and Savitz.)
Savitz, Christian W., Los Angeles, Calif. Pressure recorder. 2,184,689; Dec. 26.
Savitz, Christian W., Los Angeles, Calif., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Method of and equipment for acidizing wells. 2,143,251; Jan. 10.
Savory Appliance, Inc. (See Padelford, L. E., and Ambrose, assignors.)
Sawdon, Victor J., Bronxville, N. Y. Envelope. 2,148,324; Feb. 21.
Sawdon, Victor J., Tuckahoe, N. Y. Multiform envelope. 2,158,528; May 16.
Sawdon, Victor J., Tuckahoe, N. J. Envelope. 2,178,084; Oct. 31.
Sawdon, Victor J., New York, N. Y. Envelope. 2,165,195; July 4.
Sawdon, Victor J., Bronxville, N. Y., and A. E. Brigham, Worcester, Mass. Printed publication. 2,180,551; Nov. 21.
Sawer, Frank, Ludell, Kans. Skid rim for ruber tire tractors and implements. 2,172,990; Sept. 12.
Sawtell, Henry D. (See Bagnell, Edgar W., assignor.)
Sawtelle, Charles A. (See Main, F. L., and Sawtelle.)
Sawtelle, Charles A., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,161,903; June 13.
Sawtelle, Charles A., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake mechanism. 2,178,148; Oct. 31.
Sawtelle, Edmund M., et al. (See Ford, Karl L., assignor.)
Sawyer, Charles B. (See Kjellgren, B. R. F., and Sawyer.)
Sawyer, Charles B., Cleveland Heights, assignor to The Brush Beryllium Company, Cleveland, Ohio. Alloy 2,167,684; Aug. 1.
Sawyer, Edson W., Edgewood, R. I., and R. F. Gibbs, Norton, Mass., assignors to Laminated Metals Corporation. Manufacture of formed wire. 2,169,129; Aug. 8.
Sawyer, Herbert E. (See Ost, E. W., and Sawyer.)
Sawyer, Marion B. (See Ness, W. H. C., and Sawyer.)
Sawyer, Ursula, Piedmont, Calif. Book rest. 2,144,856; Jan. 24.
Sawyer, William B., Kennebunkport, assignor to The Burrowes Corporation, Portland, Maine. Return-ball equipment for billiard tables and the like. 2,165,875; July 11.
Sax, Eugene E., Los Angeles, Calif. Barbecue fork. 2,178,971; Nov. 7.
Saxby, Robert N., Liverpool, England, assignor to Associated Telephone and Telegraph Company, Chicago, Ill. Automatic switch as used in telephone systems. 2,149,632; Mar. 7.
Saxby, Robert N., Liverpool, England, assignor to Associated Telephone & Telegraph Company, Chicago, Ill. Automatic switch for use in telephone or like systems. 2,158,384; May 16.
Saxe, Arthur C., assignor to The Jaeger Machine Company, Columbus, Ohio. Centrifugal pump. 2,175,997; Oct. 10.
Saxe, John B., Narberth, Pa. Electric indicating system. 2,178,314; Oct. 31.
Saxe, Walter E., Alhambra, Calif. Fluid-pressure counterbalance. 2,162,125; June 13.
Saxe, Walter E., Alhambra, Calif. Walking beam bearing. 2,184,435; Dec. 26.
Saxe, Walter E., Alhambra, Calif. Walking-beam and counterbalance construction. 2,184,436; Dec. 26.
Saxe, Walter E., Alhambra, Calif. Counterbalancing system for oil wells. 2,184,437; Dec. 26.
Saxer, Adam E., Lakewood, Ohio. Counterbore. 2,162,284; June 13.
Saxon, Worth M. (See Carr, R. H., Saxon, Hebard, and Neal.)
Sayen, John, Detroit, Mich. Combination drag and harrow. 2,167,262; July 25.
Sayers, Eugene T., Falmouth, Ky. Cable clamp. 2,181,072; Nov. 21.
Sayers, Ruth L., assignor to The Kendall Company, Walpole, Mass. Diaper. 2,145,137; Jan. 24.
Sayers, William W., assignor to Link-Belt Company, Chicago, Ill. Air control for blowers for automatic stokers. 2,163,706; June 27.
Sayers, William W., Chicago, Ill., and F. E. Miick, Los Angeles, Calif., assignors to Link-Belt Company, Chicago, Ill. Tank. 2,149,313; Mar. 7.
Sayers, William W., Chicago, Ill., R. F. Bergmann, Cleveland, Ohio, and H. F. Watson, Philadelphia, Pa., assignors to Link-Belt Company, Chicago, Ill. Settling tank. Re. 21,109; June 6.
Sayles, Bertram J., Pittsburgh, Pa. Heat-enduring ferrous alloy casting. 2,143,090; Jan. 10.
Sayles Finishing Plants, Inc. (See Huey, Harold I., assignor.)
Sayles, Theo C., Elmira, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Hub brake for velocipedes. 2,172,774; Sept. 12.
Saylor, Howard L., assignor to Homogenizer Corporation, Ltd., Los Angeles, Calif. Centrifugal machine for homogenizing. 2,180,301; Nov. 14.
Saylor, John S., assignor to Container Corporation of America, Chicago, Ill. Box. 2,179,731; Nov. 14.
Saylor, Paul, Jr., assignor of fifty per cent to F. H. Hagner, San Antonio, Tex. Multichannel secret communication system. 2,145,138; Jan. 24.
Sbicca Method Shoes, Inc. (See Maiellano, Frank, assignor.)
Scace, Steven E. and W. B., Chicago, Ill. Display apparatus. 2,153,346; Apr. 4.
Scace, William B. (See Scace, Steven E. and W. B.)
Scaife, Arthur J., Ardmore, Pa. Carburetor float valve. 2,168,718; Aug. 8.
Scaife, Frederick N., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Apparatus for timing X-ray exposures. 2,167,529; July 25.
Scaife, Joseph D., Cross Hills, near Keighley, assignor of one-half to John Lund Limited, Eastburn, near Keighley, England. Electrically operated stop mechanism. 2,143,716; Jan. 10.
Scaife, Wm. B., and Sons Company. (See Hendricks, Walter H., assignor.)
Scaled Power Corporation. (See Olson, Holly M., assignor.)
Scalera, Louis, Newark, N. J. Bedstead coupling connection. 2,160,174; May 30.
Scalera, Mario. (See Lecher, H. Z., and Scalera.)
Scales, Walter H., New Orleans, La., assignor, by mesne assignments, to Timber Engineering Company, Washington, D. C. Lever for use as a walking beam or the like. 2,159,955; May 23.
Scalese, Dominick. (See Brancato, J., and Scalese.)
Scalione, Mario. (See Ferrari, A., Scalione, and Rafanelli.)
Scammell Lorries Limited. (See North, Oliver D., assignor.)
Scanlan, Chester J., Bloomington, Ill. Blower valve. 2,147,801; Feb. 21.
Scanlan, Chester J., Bloomington, assignor to The New York Blower Company, Chicago, Ill. Drier. 2,184,473; Dec. 26.
Scanlan-Morris Company. (See Nirdlinger, Patrick A., assignor.)
Scanlan, Patrick J., Brooklyn, N. Y. Gas turbine. 2,170,952; Aug. 29.
Scanland, Merle C. (See Weinland, Robert A., assignor.)
Scanlon, James J., Berkeley, Calif. Channel cutter. 2,179,732; Nov. 14.

Scantlebury, Francis H., Brooklyn, N. Y. Illuminable fixture. 2,153,595; Apr. 11.
Scaramucci, Domer, Norman, assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Measuring line equipment. 2,155,620; Apr. 25.
Scarborough, Henry. (See Hamann, Charles, assignor.)
Scarborough, William L. (See Osterloh, R. H., and Scarborough.)
Scarlett, Arthur A., Hamilton, Ontario, Canada, assignor, by mesne assignments, to International Harvester Company, Chicago, Ill. Plow. 2,184,438; Dec. 26.
Scarozza, Antonio, assignor of one-half to A. C. Dehlinger, Buffalo, N. Y. Mixing device for gaseous fuels. 2,178,125; Oct. 31.
Scates, Charles E., Hueneme, Calif. Braking device. 2,152,570; Mar. 28.
Scavelli, George, Sr. (See Scavelli, Howard A. and G., Sr.)
Scavelli, Howard A. and G., Sr., Dover, N. J. Sewing machine. 2,180,696; Nov. 21.
Scelzo, Luigi, Rome, Italy. Safety device for projectile fuses. 2,155,100; Apr. 18.
Schaack, Frank A., assignor to Chicago Mill and Lumber Company, Chicago, Ill. Wire bound box. 2,167,126; July 25.
Schaad, Raymond E. (See Ipatieff, V., and Schaad.)
Schaad, Raymond E., assignor to Universal Oil Products Company, Chicago, Ill. Manufacture of alkyl halides. 2,144,816; Jan. 24.
Schaaf, Alexander. (See Mennerich, W., Siepke, and Schaaf.)
Schaaf, George, Buffalo, N. Y. Fire extinguisher. 2,143,635; Jan. 10.
Schaaf, John, Buffalo, N. Y. Sewage screening apparatus. 2,142,737; Jan. 3.
Schaafsma, Albert, and J. M. Versteeg, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Dewaxing mineral hydrocarbon oils. 2,170,508; Aug. 22.
Schaake, William, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Current collector. 2,147,460; Feb. 14.
Schaake, William, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Current collector. 2,151,804; Mar. 28.
Schaapveld, Henry J., West Liberty, Iowa. Cultivator. 2,181,917; Dec. 5.
Schaarwächter, Carl, and A. Ruppelt, Altena, assignors to Vereinigte Deutsche Metallwerke Aktiengesellschaft, Frankfort-on-the-Main-Heddernheim, Prussia, Germany. Sound recording and reproducing element, and more particularly a permanent magnet therefor. 2,167,188; July 25.
Schaber, Fred, Detroit, Mich. Depth gauge. 2,175,650; Oct. 10.
Schacht, Elmer C., and N. E. Oglesby, assignors to Behr-Manning Corporation, Troy, N. Y. Making saturated gaskets. 2,175,774; Oct. 10.
Schacht & Westerich. (See Ammann, E., and Meissner, assignor.)
Schacht, William H., Painesdale, Mich. Impact crusher. 2,155,150; Apr. 18.
Schacht, William H., Painesdale, Mich. Crushing. 2,155,151; Apr. 18.
Schack, Alfed, Meererbusch, near Dusseldorf, and E. Pohl, deceased, Rhondorf-on-the-Rhine, J. Pohl, geb. Hohl, executrix or administratrix, Rhondorf, Germany. Filling block and honeycomb work for regenerators. 2,172,714; Sept. 12.
Schacke, Bernhard. (See Nüsslein, J., Nicodemus, Schmidt, and Schacke.)
Schacke, Bernhard. (See Vollmann, H., and Schacke.)
Schade, Frank S., Holyoke, Mass. Nursing tray. 2,178,812; Nov. 7.
Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Apparatus to make metal reinforced loose-leaf paper sheets. 2,157,270; May 9.
Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Ring binder pencil clip. 2,160,392; May 30.
Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Loose leaf ring binder. 2,163,856; June 27.
Schade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Making bookbinding cases. 2,177,879; Oct. 31.
Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Loose-leaf visible index binder. 2,179,756; Nov. 14.
Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Flyleaf construction for ring binders. 2,179,757; Nov. 14.
Schade, John, assignor to National Blank Book Company, Holyoke, Mass. Loose leaf binder. 2,181,769; Nov. 28.
Schade, Otto H., West Orange, N. J., assignor to Radio Corporation of America. Interlocking circuits. 2,144,344; Jan. 17.
Schade, Otto H., West Orange, N. J., assignor to Radio Corporation of America. Interlocking circuits. 2,152,328; Mar. 28.
Schade, Otto H., West Caldwell, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Grid electrode. 2,171,225; Aug. 29.
Schade, Otto H., West Caldwell, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,175,704; Oct. 10.
Schade, Willy. (See Frederick, C. W., and Schade.)
Schade, Willy, assignor to Eastman Kodak Company, Rochester, N. Y. Lens. 2,158,201; May 16.
Schade, Willy, assignor to Eastman Kodak Company, Rochester, N. Y. Lens system. 2,158,202; May 16.
Schadell, Clemence M. Ridgewood, N. J. Bed covering support. 2,160,443; May 30.
Schaefer, Adolph O., assignor to Atlantic Service Company, Inc., Brooklyn, N. Y. Machine tool. 2,151,445; Mar. 21.
Schaefer, Adolph O., assignor to Atlantic Service Company Inc., Brooklyn, N. Y. Drive adapter for machines. 2,153,433; Apr. 4.
Schaefer, Carl A., assignor to Square D Company, Detroit, Mich. Electric switch. 2,162,642; June 13.
Schaefer, Charles A. J., Baltimore, Md. Wearing apparel and making the same. 2,142,288; Jan. 3.
Schaefer, Edward J. (See Morrill, W. J., and Schaefer.)
Schaefer, Edward J., Fort Wayne, Ind., assignor to General Electric Company. Single phase motor control. 2,175,032; Oct. 3.
Schaefer, Edwin J., Wilmington, N. C., assignor to The Union Switch & Signal Company, Swissvale, Pa. Highway crossing protection. 2,154,286; Apr. 11.
Schaefer, Frederic. (See Abramsen, Petter B., assignor.)
Schaefer, Frederic, Pittsburgh, Pa. Brake hanger. 2,164,474; July 4.
Schaefer, Frederic, Pittsburgh, Pa. Brake hanger. 2,174,369; Sept. 26.
Schaefer, Frederic, Pittsburgh, Pa. Brake shoe keylock. 2,176,724; Oct. 17.
Schaefer, Frederick R., Youngstown, and R. W. Emery, Warren, assignors, by mesne assignments, to Republic Steel Corporation, Cleveland, Ohio. Barrel ring. 2,159,862; May 23.
Schaefer, Gerhart, Konigsberg, Germany. Umbrella frame. 2,160,231; May 30.
Schaefer, Gustav. (See Winter, C. Roh, Wolff, and Schaefer.)
Schaefer, Harold F., Alton, assignor to Western Cartridge Company, East Alton, Ill. Explosive. 2,160,626; May 30.
Schaefer, Henry G. (See Smith, Lewis, assignor.)
Schaefer, Joe, Pinckneyville, Ill. Wheel or pulley lock. 2,170,352; Aug. 22.
Schaefer, Joseph J., Germantown, assignor to The Sharples Solvents Corporation, Philadelphia, Pa. Plasticizer. 2,161,201; June 6.
Schaefer, John E., Chicago, Ill., assignor to United Autographic Register Co. Feed mechanism for duplicating machines. 2,168,364; Aug. 8.
Schaefer, Max, Bloomfield, N. J., assignor to Eagle Pencil Company. Mechanical pencil. 2,161,889; June 13.
Schaefer, Max, Bloomfield, N. J., assignor to Eagle Pencil Company, New York, N. Y. Mechanical lead pencil. 2,164,166; June 27.
Schaefer Mounters, Inc. (See Allen, Harry B., assignor.)
Schaeffer, Albert F., Homewood, assignor of one-half to E. J. Barry, Chicago, Ill. Amusement device. 2,181,979; Dec. 5.
Schaeffer, Carl. (See Thierer, Albert, assignor.)
Schaeffer, Edward G., Holyoke, Mass., assignor to American Character Doll Co. Inc., New York, N. Y. Doll. 2,155,448; Apr. 25.
Schaeffer, Edward G., Brooklyn, assignor to American Character Doll Co., Inc., New York, N. Y. Novelty doll. 2,156,573; May 2.
Schaeffer, Edward G., Brooklyn, assignor to American Character Doll Co., Inc., New York, N. Y. Doll. 2,159,293; May 23.
Schaeffer, Erich. (See Basel, G., and Schaeffer.)
Schaelchlin, Walter, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ship propulsion. 2,182,644; Dec. 5.
Schaelchlin, Walter, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburg, Pa. Electric switch. 2,184,767. Dec. 26.
Schaelchlin, Walter, and K. Mahnke, Wilkinsburg, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Hoisting control system. 2,184,768; Dec. 26.
Schaeren, Ernst, assignor to Scintilla, Ltd., Soleure, Switzerland. Combined engine starter and generator. 2,151,487; Mar. 21.
Schaeren, Ernst, assignor to Scintilla, Ltd., Soleure, Switzerland. Regulating apparatus for fuel injection pumps of internal combustion engines. 2,165,657; July 11.
Schaeren, Ernst, assignor to Scintilla, Ltd., Soleure, Switzerland. Angularly adjustable shaft coupling device. 2,165,658; July 11.
Schaeren, Ernst, assignor to Scintilla, Ltd., Soleure, Switzerland. Fuel injection apparatus. 2,177,120; Oct. 24
Schaerer, Otto, Basel, Switzerland. Speed changing gear for machine tools, especially lathes. 2,165,730; July 11.
Schaerer, Otto, Basel, Switzerland. Turret lathe. 2,184,475; Dec. 26.

Schafer, Arthur H., Flushing, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wire connection. 2,150,404; Mar. 14.
Schafer, Fred W., and G. W. Stephens, Denver, Colo. Hydraulic brake system flusher and bleeder. 2,181,073; Nov. 21.
Schäfer, Hans, Wuppertal-Barmen, Germany. Production of patterned objects from powdered materials and the like. 2,170,931; Aug. 29.
Schäfer, Gustav. (See Roh, N., Wolff, and Schäfer.)
Schäfer, Josef, Riehen, near Basel, assignor to the firm J. R. Geigy A. G., Basel, Switzerland. Water soluble condensation products containing phosphorus and their manufacture. 2,180,260; Nov. 14.
Schafer, Marcus A., Stapleton, assignor to M. Coury, Brooklyn, N. Y. Antitheft signal device. 2,146,271; Feb. 7.
Schaffer, Charles S., Chicago, Ill. Screw driver. 2,161,095; June 6.
Schaffer, Jacob M., Laurel, P. D. Harwood, College Park, and E. E. Wehr, Takoma Park, Md., dedicated to the free use of the People in the territory of the United States. Parasiticide. 2,161,261; June 6.
Schaffernicht, Walter. (See Bruche, E., and Schaffernicht.)
Schaffner, Daniel J., Chicago, Ill. Trouser belt. 2,171,601; Sept. 5.
Schaffstein, Goswin, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Wide band modulation. 2,163,707; June 27.
Schafmeister, Paul, Essen, Germany, assignor, by mesne assignments, to Krupp Nirosta Co., Inc., New York, N. Y. Austenitic chromium nickel steel alloys. 2,157,060; May 2.
Schairer, George S., assignor to Bendix Products Corporation, South Bend, Ind. Airplane. 2,160,089; May 30.
Schairer, George S., assignor to Bendix Products Corporation, South Bend, Ind. Autogiro rotor hub. 2,163,893; June 27.
Schairer, George S., assignor to Bendix Products Corporation, South Bend, Ind. Aircraft. 2,177,499; Oct. 24.
Schakel, Leonard F. (See Stickles, M. J., and Schakel.)
Schall, William M., Columbus, Ohio. Washing apparatus for drinking ware. 2,144,711; Jan. 24.
Schallgruber, Frederick, Bogota, Colombia. Cigarette, cigar, and the like. 2,180,370; Nov. 21.
Schallis, Carl A., Highland Park, assignor to Ternstedt Manufacturing Company, Detroit, Mich. Deck lid prop. 2,144,126; Jan. 17.
Schamberger, Friedrich. (See Grimm, H. G., and Schamberger.)
Schamberger, Friedrich, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Well-covering coating composition. 2,161,319; June 6.
Schanck, William D., assignor to The Pfaudler Co., Rochester, N. Y. Relief valve. 2,166,730; July 18.
Schantz, Edwin M., Dayton, Ohio, assignor to the firm Davis, Lindsey, Smith & Shonts, Chicago, Ill. Apparatus for giving information concerning stocks and bonds. 2,171,602; Sept. 5.
Schantz, Oscar F., Kansas City, Mo. Garment hanger. 2,172,131; Sept. 5.
Schanz, George L., Mount Vernon, N. Y. Indoor golf game. 2,173,697; Sept. 19.
Schanzer, Felix, Berlin, Germany. Bearing. 2,153,028; Apr. 4.
Schaper Scale Company. (See Kniesche, Edwin P., assignor.)
Schaper, William A., Oak Park, assignor to Johnson Laboratories, Inc., Chicago, Ill. Permeability-tuned intermediate-frequency transformer. 2,158,255; May 16.
Schapiro, Abraham, Chicago, Ill. Beverage. 2,157,632; May 9.
Schapiro, Abraham, Chicago, Ill. Beer and preparing same. 2,157,633; May 9.
Scharf, Frank W., Western Springs, assignor to McGraw Electric Company, Chicago, Ill. Automatic electric toaster. 2,152,100; Mar. 28.
Scharf, Lou, assignor to Riverside Company, New York, N. Y. Apparatus for manufacturing transparent cellulosic tubes. 2,145,636; Jan. 31.
Scharf, Lou, assignor to The Riverside Company, New York, N. Y. Machine for closing and sealing articles in cellulose tubes. 2,162,472; June 13.
Scharfeld, Maurice B., Cleveland, Ohio. Eyeglass pad. 2,147,802; Feb. 21.
Scharfenberg, John P. J., Hempstead, N. Y. Napkin and similar article. 2,145,139; Jan. 24.
Scharfenberg, Karl, Berlin-Nicolassee, Germany. Automatic car coupler. 2,161,724; June 6.
Scharff, Fritz M. (See Cook, H. D., and Scharff.)
Scharff, Maurice R. (See Guilday, J. W., and Jeming, assignors.)
Scharffenberg, Jean H. (See Bailey, C. W., and Scharffenberg.)
Scharlau, Hans. (See Gerhard, E., and Scharlau.)
Scharlau, Hans, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Radio signaling apparatus. 2,151,336; Mar. 21.
Scharlau, Hans, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Method of and means for reducing disturbances. 2,153,209; Apr. 4.
Scharlau, Hans, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiving apparatus for direction finding. 2,169,742; Aug. 15.
Scharlau, Hans, W. Runge, W. Buschbeck, and K. Fritz, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Relaying. 2,160,913; June 6.
Scharpenberg, Ewald, Wetter-on-the-Ruhr, Germany. Arm and plate tongs. 2,142,214; Jan. 3.
Scharpf, Otto, assignor to Johnson Service Company, Milwaukee, Wis. Temperature control. 2,149,792; Mar. 7.
Schassler, William, Oakland, Calif. Beverage vessel. 2,156,515; May 2.
Schat, Ane P. (See Krzeminsky, Valentin, assignor.)
Schat, Ane P., Utrecht, Netherlands. Ship. 2,167,315; July 25.
Schatman, Joseph. (See Fader, W., and Schatman.)
Schatzman, George W., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Fender skirt mounting. 2,157,921; May 9.
Schatzman, George W., assignor, by mesne assignments, to Houdaille-Hershey Corporation, Detroit, Mich. Fender shield clamping mechanism. 2,178,363; Oct. 31.
Schau, Louie F., assignor of one-half to P. E. Schau, Battle Creek, Iowa. Unloader. 2,147,992; Feb. 21.
Schau, Peter E. (See Schau, Louie F., assignor.)
Schaub, Adolph. (See Di Censo, A. A., and Schaub.)
Schaub, Carleton P., St. Paul, Minn. Game. 2,163,011: June 20.
Schaub, Jacob, Westfield, N. J., assignor to The Best Foods, Inc., New York, N. Y. Working and kneading apparatus. 2,166,197; July 18.
Schauble, Otto C., Nutley, N. J., assignor to The Lummus Company, New York, N. Y. Heat exchange apparatus and method. 2,142,956; Jan. 3.
Schauer, Adolf. (See Hamberger, J., and Schauer.)
Schauer, Adolf, Brooklyn, assignor to J. Hamburger, Richmond Hill, N. Y. Tamperproof closure. 2,162,752; June 20.
Schauer, Adolf, Brooklyn, assignor to J. Hamburger, Richmond Hill, N. Y. Tamperproof closure for containers. 2,162,753; June 20.
Schauer, Adolf, Ridgewood, assignor to J. Hamburger, Richmond Hill, N. Y. Tamperproof closure and container. 2,162,754; June 20.
Schauer, Lawrence B., Huntington Park, Calif., assignor, by mesne assignments, to Bucyrus-Erie Company, South Milwaukee, Wis. Variable tread vehicle. Re. 21,106; May 30.
Schauer, Lawrence L., Wyoming, assignor to The Cincinnati Bickford Tool Company, Cincinnati, Ohio. Safety manual and power spindle drive. 2,155,687; Apr. 25.
Schaum, Fletcher, assignor to Fletcher Works, Incorporated, Philadelphia, Pa. Brake mechanism. 2,174,018; Sept. 26.
Schaumänn, Otto. (See Lautenschläger, C. L., Lindner, Rigler, and Schaumänn, assignors.)
Schaupp, Ralph H., La Fayette, Ind. Water ski. 2,153,939; Apr. 11.
Schaurte, Paul, Munich, assignor to firm: Bauer & Schaurte, Rheinische Schrauben- und Mutternfabrik A.-G,. Neuss-on-the-Rhine, Germany. Screw or screw bolt. 2,168,000; Aug. 1.
Schauss, John A., Norwalk, Ohio. Reclining chair. 2,181,345; Nov. 28.
Schauweker, William K., Cleveland, Ohio. Check and check-selecting device. 2,179,023; Nov. 7.
Schauweker, William K., Cleveland, Ohio. Check and check controlled device. 2,180,611; Nov. 21.
Scheel, Charles F., and F. A. Gessler, assignors to Warning Devices Company, Inc., La Grange, Ill. Signaling device. 2,154,360; Apr. 11.
Scheel, Henry V., Passaic, N. J. Printing apparatus. 2,150,401; Mar. 14.
Scheel, John R., Chicago, Ill. Controlling gas and oil burners. 2,184,947; Dec. 26.
Scheele, Charles C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Agitator for washing machines. 2,168,887; Aug. 8.
Scheelhaase, Hermann, Fallersleben, Germany. Building subterranean structures. 2,164,003; June 27.
Scheer, Frederick H., Chicopee Falls, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Oscillation generator. 2,144,511; Jan. 17.
Schei, Iver P., Fergus Falls, Minn. Treatment of patent flat stock and low grade. 2,151,805; Mar. 28.
Scheibe, Alfred, Dessau-Ziebigk, assignor to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft, Dessau, Germany. Separating gases from liquids. 2,147,993; Feb. 21.
Scheibe, Alfred, Dessau-Ziebigk, assignor to Junkers Flugzeug-und-Motorenwerke A. G., Dessau, Germany. Internal combustion engine. 2,149,793; Mar. 7.
Scheibel, George A. (See Bernier, Edouard, assignor.)
Scheibel, Kurt, assignor to "Würker". Dresden, Germany. Frame embroidery machine. 2,176,547; Oct. 17.

Scheibell, Gordon B., Maplewood, N. J., assignor to Wired Radio, Inc., New York, N. Y. Timed wired radio receiver. 2,161,890; June 13.
Scheibell, Gordon B., Millburn, N. J., deceased; W. O. Scheibell, administrator. Sound film system. 2,182,823; Dec. 12.
Scheibell, William O., administrator. (See Scheibell, Gordon B.)
Scheibl, Josef, Wels, Austria, assignor to J. Orbell, Brooklyn, N. Y. Brick. 2,176,805; Oct. 17.
Scheibner, Walter E., Spokane, Wash. Elevator control mechanism. 2,174,043; Sept. 26.
Scheidegger, Conrad, Rockford, Ill. Gnaw-proof container. 2,178,611; Nov. 7.
Scheidegger, Hans R., Berlin, Germany, assignor to The Teleregister Corporation, New York, N. Y. Electric long-distance indicating system. 2,181,682; Nov. 28.
Scheider, Frederick E., and J. C. Hinkle, Los Angeles, Calif.; said Hinkle assignor to said Scheider. Apparatus for pumping wells. 2,172,016; Sept. 5.
Scheinberg, Morris M., New York, N. Y. Leg band and hose supporter for foundation garments. 2,149,149; Feb. 28.
Scheineman, Fred W. (See Bahlke, W. H., and Scheineman.)
Scheinman, Sol, White Plains, and J. Mandel, Brooklyn, N. Y. Collapsible storage file casing. 2,181,918; Dec. 5.
Scheldorn, Kennon T. (See Herfurth, C., and Scheldorn.)
Schelkunoff, Sergi A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Guided wave transmission. 2,147,717; Feb. 21.
Schelkunoff, Sergei A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Guided electromagnetic wave transmission. 2,151,157; Mar. 21.
Schelkunoff, Sergi A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave guide impedance element and network. 2,155,508; Apr. 25.
Schell, David. (See Holtzman, A. B., and Schell.)
Schellenger, Newton C., assignor to Chicago Telephone Supply Co., Elkhart, Ind. Snap switch. Re. 21,211; Sept. 19.
Schellenger, Newton C., assignor to Chicago Telephone Supply Co., Elkhart, Ind. Variable resistance device. 2,145,953; Feb. 7.
Schellenger, Newton C., assignor to Chicago Telephone Supply Co., Elkhart, Ind. Switch. 2,148,408; Feb. 21.
Schellenger, Newton C., assignor to Chicago Telephone Supply Co., Elkhart, Ind. Resistance element. 2,163,067; June 20.
Schellenger, Newton C., assignor to Chicago Telephone Supply Co., Elkhart, Ind. Electrical resistance and making same. 2,169,594; Aug. 15.
Schellenger, Newton C., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Control device. 2,177,283; Oct. 24.
Schellenger, Newton C., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Switch. 2,177,284; Oct. 24
Schellenger, Newton C., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Variable resistance device. 2,177,285; Oct. 24.
Schellenger, Newton C., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Cover for control units. 2,177,286; Oct. 24.
Schellenger, Newton C., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Knob and shaft construction. 2,177,287; Oct. 24.
Schellenger, Newton C., assignor to Chicago Telephone Supply Company, Elkhart, Ill. Switch terminal construction. 2,177,288; Oct. 24.
Schellenger, Newton C., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Purifying contaminated air. 2,177,289; Oct. 24.
Schellenger, Newton C., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Variable resistance device. 2,177,290; Oct. 24.
Schellenger, Newton C., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Variable resistance device. 2,177,291; Oct. 24.
Schellenger, Newton C., assignor to Chicago Telephone Supply Company, Elkhart, Ind. Coil rack. 2,178,212; Oct. 31.
Schellenger, Newton C., El Paso, Texas, assignor to Chicago Telephone Supply Company, Elkhart, Ind. Switch. 2,177,292; Oct. 24.
Scheller, Ernest, Buechel, Ky., assignor to Reynolds Metals Company, New York, N. Y. Tin alloy. 2,151,302; Mar. 21.
Schellens, Eugene L., Ridgewood, N. J., assignor, by mesne assignments, to Electrolux Corporation, Dover, Del. Vacuum cleaner. 2,172,180; Sept. 5.
Schellens, Eugene L., Ridgewood, N. J., and W. I. Hamby, Great Neck, assignors to Servel, Inc., New York, N. Y. Refrigeration. 2,177,880; Oct. 31.
Schellin, John C., Wooster, Ohio. Signal lamp. 2,178,897; Nov. 7.
Schellin, John C., E. J. Housekeeper, and H. M. Hunt, assignors to Akron Brass Manufacturing Company, Incorporated, Wooster, Ohio. Siphon pump construction. 2,178,898; Nov. 7.
Scheloumow, Peter, assignor to Eesti Patendi Aktisiaselts, Tallinn, Esthonia. Tunnel furnace. 2,176,825; Oct. 17.
Schelz, Herbert. (See Grassmann, W., and Schelz.)
Schemchak, Charles H. (See Kaufman, L. J., and Schemchak.)
Schemel, John H., Archibald, Pa. Dust collector for drills. 2,167,220; July 25.
Schemmel, R. C., et al. (See Hall, William J., assignor.)
Schemmel, Robert C., Union City, Ind. Composite fabric body such as channel runway, finishing welt, and the like. 2,153,484; Apr. 4.
Schempp, Fred W. (See Montgomery, T. C., and Schempp.)
Schenbeck, Rufus, Toledo, Ohio. Coal chute carrier. 2,169,453; Aug. 15.
Schenck, Charles, Coopersburg, Pa., assignor to Bethlehem Steel Company. Paving plate. 2,153,347; Apr. 4.
Schenck, Charles, Coopersburg, Pa., assignor to Bethlehem Steel Company. Welded rail joint. 2,183,047; Dec. 12.
Schenck, Charles, Coopersburg, and L. G. Miller, Bethlehem, Pa., assignors to Bethlehem Steel Company. Welded truck side frame. 2,181,709; Nov. 28.
Schencke, Karl. (See Heinisch, P., and Schencke.)
Schencke, Karl, Berlin-Tempelhof, Germany, assignor to Askania-Werke A. G. Stand head. 2,179,426; Nov. 7.
Schendel, Wm. E. (See Gray, Martin V., assignor.)
Schenectady Varnish Company. (See Thielking. Raymond H., assignor.)
Schenk, Abraham L., Los Angeles, Calif. Toe pad. 2,163,012; June 20.
Schenk, Charles J., Buckeye, Ariz. Double acting pump. 2,153,974; Apr. 11.
Schenk, Edouard H., New York, N. Y., assignor to E. Brandt, Paris, France. Timing and release mechanism for mechanical time fuses. 2,149,469; Mar. 7.
Schenk, Edouard H., New York, N. Y., assignor to E. Brandt, Paris, France. Mechanical time fuse. 2,149,470; Mar. 7.
Schenk, Friedrich, Jamaica, N. Y., assignor to E. Leitz, Inc. Photo gun. 2,182,097; Dec. 5.
Schenk, Martin J., assignor of thirty-three and one-third per cent to R. Picard, Chicago, Ill. Lubrication system for internal combustion engines. Re. 21,031; Mar. 14.
Schenk, Tamis C., assignor to Richmond Screw Anchor Co., Inc., Brooklyn, N. Y. Form tie. 2,162,592; June 13.
Schenk, Tamis C., New York, assignor to Richmond Screw Anchor Co., Inc., Brooklyn, N. Y. Form tie clamp. 2,173,698; Sept. 19.
Schenk, Walter, and W. Marthiens, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Loudspeaker arrangement. 2,145,318; Jan. 31.
Schenk, Walter D., Cleveland, Ohio. Cribbing. 2,152,926; Apr. 4.
Schenectady Varnish Company. (See Thielking, Raymond H., assignor.)
Schenley Distillers Corporation. (See Carter, Sidney T., assignor.)
Schenzinger, August, Brooklyn, N. Y. Shuttle mechanism for ring shuttle sewing machines. 2,181,951; Dec. 5.
Schepler, William, Spencer, Iowa. Vehicle traffic signal. 2,148,964; Feb. 28.
Scheppmann, Wilhelm, Berlin-Neutempelhof, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Television method. 2.151.942; Mar. 28.
Scheppmann, Wilhelm, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Condenser. 2,156,099; Apr. 25.
Scheppmann, Wilhelm, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Picture telegraph device. 2,164,946; July 4.
Scheppmann, Wilhelm, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Coupling device. 2,164,947; July 4.
Scheppmann, Wilhelm, Berlin-Neutempelhof, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Shaft arrangement. 2,180,853; Nov. 21.
Scheppmann, Wilhelm, Berlin-Neutempelhof, and C. Wisspeintner, Berlin-Charlottenburg, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Transmitting characters. 2,156,098; Apr. 25.
Scher, Louis, Shaker Heights, assignor to The Ticket Issuing Machine Company, Cleveland, Ohio. Ticket-issuing machine. 2,171,898; Sept. 5.
Scher, Louis, Shaker Heights, assignor to The Ticket Issuing Machine Company, Cleveland, Ohio. Ticket issuing mechanism. 2,180,483; Nov. 21.
Scher, Philip M., et al. (See Hoenig, Heinrich, assignor.)
Scherbakoff, Leon, et al. (See Booharin, Leo Y., assignor.)
Scherbatskoy, Serge A., assignor to Engineering Laboratories, Inc., Tulsa, Okla. Gravity meter. 2,150,405; Mar. 14.
Scherbatskoy, Serge A., assignor to Engineering Laboratories, Inc., Tulsa, Okla. Seismic Prospecting. 2,156,198; Apr. 25.
Scherbaum, Gernhard, Munich, assignor, by mesne assignments, to Alexanderwerk A. Von der Nahmer Aktiengesellschaft, Remscheid, Germany. Grinding mill. 2.157.462; May 9.
Scherer, Charles F., Davenport, Iowa. Continuous press. 2,146,158; Feb. 7.
Scherer Electric Company. (See Johnson, Edward C. W., assignor.)
Scherer, Henry W., et al. (See Sherman, Valentine, assignor.)

Scherer, Otto. (See Kracker, H., Scherer, Müller, and Schumacher.)
Scherer, Otto, Frankfort-on-the-Main-Hochst, assignor to I. G. Farbenindustrie Aktiengesellschaft Frankfort-on-the-Main, Germany. Preparing aliphatic fluorine compounds. 2,146,354; Feb. 7.
Scherer, Otto, Frankfort-on-the-Main, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Trifluoromethyl benzaldehydes. 2,180,772; Nov. 21.
Scherer, Philip C., Jr., Blacksburg, Va., assignor to North American Rayon Corporation, New York, N. Y. Alkali metal cellulosates. 2,181,919; Dec. 5.
Scherer, Philip C., Jr., Blacksburg, Va., assignor to North American Rayon Corporation, New York, N. Y. Cellulose derivative and preparing same. 2,181,920; Dec. 5.
Scherer, Robert P., Detroit, Mich. Method and apparatus for making capsules by submerged filling action. 2,152,101; Mar. 28.
Scherer, Walter C., Rosenburg, assignor of one-half to A. B. Segall, Harris County, Tex. Brake mechanism. 2,146,159; Feb. 7.
Scherfel, Otto C., Haddon Heights, N. J., assignor to Audubon Wire Cloth Corporation, Philadelphia, Pa. Wire fabric and making the same. 2,147,328; Feb. 14.
Schering Aktiengesellschaft. (See Binz, A., and von Schickh, assignors.)
Schering Aktiengesellschaft. (See Butenandt, Adolf, assignor.)
Schering Aktiengesellschaft. (See Butenandt, A., and Hildebrandt, assignors.)
Schering Aktiengesellschaft. (See Butenandt, A., and Logemann, assignors.)
Schering Aktiengesellschaft. (See Dohrn, M., and Diedrich, assignors.)
Schering Aktiengesellschaft. (See Görnitz, K., Harnack, and Wurm, assignors.)
Schering Aktiengesellschaft. (See Hildebrandt, Friedrich, assignor.)
Schering Aktiengesellschaft. (See Hildebrandt, F., and Schwenk, assignors.)
Schering Aktiengesellschaft. (See Schoeller, W., and Serini, assignors.)
Schering Aktiengesellschaft. (See Schoeller, W., Serini, and Logemann, assignors.)
Schering Aktiengesellschaft. (See Schwenk, E., and Hilderbrandt, assignors.)
Schering Aktiengesellschaft. (See Serini, A., Strassberger, and Butenandt, assignors.)
Schering Aktiengesellschaft. (See Serini, A., Strassberger, and Logemann, assignors.)
Schering Corporation. See Hildebrandt, Friedrich, assignor.)
Schering Corporation. (See Schoeller, Walter, assignor.)
Schering Corporation. (See Schwenk, E., Hildebrandt, and Gehrke, assignors.)
Schering Corporation. (See Schwenk, E., and Whitman, assignors.)
Schering Corporation. (See Schwenk, E., Whitman, and Fleischer, assignors.)
Schering Corporation. (See Strassberger, L., and Jacobi, assignors.)
Schering-Kahlbaum A. G. (See Binz, A., and von Schickh, assignors.)
Schering-Kahlbaum A. G. (See Görnitz, K., Harnack, and Wurm, assignors.)
Schering-Kahlbaum A. G. (See Kathol, Josef, assignor.)
Schering-Kahlbaum A. G. (See Korpiun, Joachim, assignor.)
Schering, Helmuth, and A. Merz, assignors to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Illuminating device for projectors. 2,183,249; Dec. 12.
Scherma, Frank. (See Wheelock, J. H., and Scherma.)
Schermerhorn, Anna M. (See Schermerhorn, Francis D., assignor.)
Schermerhorn, Ed., Newton, Kans. Shear blade. 2,145,405; Jan. 31.
Schermerhorn, Francis D., assignor of one-half to A. M. Schermerhorn, Omaha, Nebr. Bedpan. 2,166,480; July 18.
Schermerhorn, George D., Reading, Mich. Curved panel assembly. 2,153,596; Apr. 11.
Schermerhorn, Howard F. (See Keuffel, A. W., and Schermerhorn.)
Schermerhorn, R. F., et al. (See Wentz, Mark, assignor.)
Scherzinger, Lawrence F., Chicago, Ill. Loose leaf binder. 2,167,685; Aug. 1.
Schettler, Gustav A., Leeds, England, assignor to The Turner Tanning Machinery Company, Portland, Maine. Work support for leather working machines. 2,173,982; Sept. 26.
Scheu Products Company. (See Scheu, William C., assignor.)
Scheu, Siegfried, Brandenburg, assignor to Arado Flugzeugwerke Gesellschaft mit beschränkter Haftung, Nowawes, Potsdam, Germany. Wing flap. 2,148,967; Feb. 28.
Scheu, William C., assignor to Scheu Products Company, Limited, Upland, Calif. Draft regulating device for orchard heaters. 2,171,767; Sept. 5.
Scheuermann, Hans. (See Wolf, K., and Scheuermann.)
Scheufler, Edward L., Kansas City, Mo. Air circulating system for rolling stock. 2,165,580; July 11.
Scheufler, Walter. (See Haussmann, H., Scheufler, and Kaupp.)
Scheuing, Georg, and W. Krauss, assignors to E. Boehringer, I. Liebrecht (born Boehringer), and A. Boehringer, trading under the firm: C. H. Boehringer Sohn, Nieder-Ingelheim-on-the-Rhine, Germany. Racemization of optically active compounds. 2,152,976; Apr. 4.
Scheurer, Oliver R., Kankakee, Ill., assignor to J. W. Mortell Company. Measuring and troweling machine. 2,156,873; May 2.
Scheurer, Oliver R., Kankakee, Ill., assignor to J. W. Mortell Company. Automatic measuring and troweling machine. 2,175,785; Oct. 10.
Scheurich, George W., New York, N. Y. Liquid gauge. 2,171,899; Sept. 5.
Scheutz, Joseph A., Hazel Park, Mich., assignor to W. A. Elgie, Chatham, Ontario, Canada, and J. H. Holbrook, Detroit, Mich. Automobile bumper. 2,179,427; Nov. 7.
Schewe, Heinrich, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical control system. 2,154,287; Apr. 11.
Schiavi, Vincent, Wilmington, Del. Forming a foundation structure for bridges, piers, docks, sea walls, and the like. 2,144,939; Jan. 24.
Schiavi, Vincent, Wilmington, Del. Concrete bucket. 2,179,428; Nov. 7.
Schiavi, Vincent, Wilmington, Del. Cofferdam construction. 2,179,429; Nov. 7.
Schicht, Heinrich, Huckeswagen, assignor to the firm W. Ferd Klingelnberg Söhne, Remscheid-Berghausen, Germany. Hob. 2,146,232; Feb. 7.
Schicht, Heinrich, Huckeswagen, assignor to the firm W. Ferd. Klingelnberg Sohne, Remscheid-Berghausen, Germany. Method of and apparatus for hardening gears. 2,166,731; July 18.
Schicht, Heinrich, Huckeswagen, assignor to W. Ferd. Klingelnberg Söhne, Remscheid-Berghausen, Germany. Spiral rolling generating process for bevel gears and apparatus therefor. 2,171,406; Aug. 29.
Schichtel, Georg. (See Lasch, L., and Schichtel.)
Schick, Edward L., Cuyahoga Falls, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for molding plastic material. 2,172,111; Sept. 5.
Schick, Friedrich, assignor to the firm Deutsche Erdol-Aktiengesellschaft, Berlin-Schoneberg, Germany. Obtaining pure paraffin. 2,151,619; Mar. 21.
Schick Industries Limited. (See Van Wynen, Russell, assignor.)
Schick, Jacob, Stamford, Conn. Electric motor 2,177,080; Oct. 24.
Schick, William S., Stearns, Ky. Bit sharpening attachment for grinding machines. 2,146,355; Feb. 7.
Schiding, George L., York, Pa. Antiskid device for vehicles. 2,162,643; June 13.
Schiebeler, Karl, Berlin-Charlottenburg, Germany, assignor to General Electric Company. End zone retardation control system. 2,183,409; Dec. 12.
Schieber, Robert E., Detroit, Mich. Screw driving means. 2,150,343; Mar. 14.
Schieferstein, Georg H., Berlin-Charlottenburg, Germany. System for the transmission of mechanical power. 2,154,361; Apr. 11.
Schieferstein, Georg H., Berlin-Charlottenburg, Germany. Ramming machine. 2,160,462; May 30.
Schieferstein, Georg H., Berlin-Charlottenburg, Germany. Conical-type stone crusher. 2,161,096; June 6.
Schieferstein, Georg H., Berlin-Charlottenburg, Germany. Suspension system for vehicles. 2,167,911; Aug. 1.
Schieferstein, Georg H., Berlin-Charlottenburg, Germany. Grinding and the like apparatus. 2,170,768; Aug. 22.
Schieferstein, Georg H., Berlin-Charlottenburg, Germany. Stone crusher. 2,183,698; Dec. 19.
Schiegel, Fritz. (See Hentrich, W., and Schlegel.)
Schiele, Otto. (See Filberich, L., Schiele, and Seethaler.)
Schielke, Richard H., Milwaukee, Wis. Refrigerator door. 2,157,678; May 9.
Schienemann, Rudolf, Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electrical impulse segregation circuit. 2,150,752; Mar. 14.
Schieren, George A., New York, N. Y. Platen press. 2,168,452; Aug. 8.
Schierenbeck, Julius, Heidelberg, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Cooling gases. 2,153,644; Apr. 11.
Schiff, Henry T., Chicago, Ill. Carbon lamp. 2,140,990; Mar. 21.
Schiff, Karl L., Berlin-Marienfelde, Germany. Vehicle. 2,168,630; Aug. 8.
Schiff, Ludwig. (See Tarbox, J. P., and Schiff.)
Schiff, Ludwig, Berlin-Lichterfelde, assignor to the firm Fernseh A.-G., Berlin-Zehlendorf, Germany. Electron ray tube. 2,159,712; May 23.
Schifferle, Charles J., Oakland, assignor of one-half to W. W. Johnson, San Francisco, Calif. Classifier. 2,171,674; Sept. 5.
Schild & Co., S. A. (See Steinmann, Emile, assignor.)
Schild, Heinz. (See Steindorff, A., Balle, Horst, and Schild.)
Schildknecht, Paul S. (See McClung, E. F., and Schildknecht.)
Schilgen, Fritz, Berlin-Wilmersdorf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Converting direct current into alternating current. 2,177,841; Oct. 31.

Schillace, Anthony. (See Bonnett, J., and Schillace.)
Schillaci, Edward, Philadelphia, Pa. Perpetual calendar. 2,154,013; Apr. 11.
Schiller, Frederick A., assignor to Indicator Corporation, Newark, N. J. Indicating fuse. 2,175,919; Oct. 10.
Schiller, Friedrich. (See Achtermann, O., and Schiller.)
Schilling, Heinrich. (See Baumann, P., Krapp, Schilling, and Stadler.)
Schilling, Karl. (See Eckert, W., and Schilling.)
Schilling, Otto, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Internal combustion engine. 2,146,131; Feb. 7.
Schilling, Otto, assignor to Daimlerbenz Aktiengesellschaft Stuttgart-Unterturkheim, Germany. Engine governor. 2,159,863; May 23.
Schilling, Paul A., assignor to Waldorf Paper Products Company, St. Paul, Minn. Sound absorbing covering. 2,150,344; Mar. 14.
Schillo, Louis C. (See Mickelson, A. O., and Schillo.)
Schimanek, Emil, Budapest, Hungary. Regulation of internal combustion engines. 2,182,933; Dec. 12.
Schimanek, Emil, Muegyetem, Budapest, Hungary. Carburetor. 2,159,294; May 23.
Schimkus, Kurt E., assignor to Utah Radio Products Company, Chicago, Ill. Electrical condenser and making same. 2,146,029; Feb. 7.
Schimkus, Kurt E., Chicago, Ill., assignor, by mesne assignments, to P. R. Mallory & Co., Inc., Indianapolis, Ind. Rectifier. 2,153,434; Apr. 4.
Schimkus, Kurt E., Detroit, Mich., and W. Dumke, Chicago, Ill., assignors, by mesne assignments, to H. C. Chereton, Detroit, Mich. Controlling electric circuits. 2,163,708; June 27.
Schimkus, Kurt E., assignor to H. C. Chereton, Detroit, Mich. Controlling electric circuits. 2,163,709; June 27.
Schimmelschmidt, Kurt. (See Zahn, K., and Schimmelschmidt.)
Schindel, John, Aurora, assignor to Independent Pneumatic Tool Co., Chicago, Ill. Automatic lock nut. 2,152,977; Apr. 4.
Schindhelm, Hans, Frankort-on-the-Main-Fechenheim, and C. T. Schultis, Bergen, near Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Copper complex compounds of polyazo dyestuffs. 2,151,531; Mar. 21.
Schindhelm, Hans, Frankfort-on-the-Main-Fechenheim, and C. T. Schultis, Bergen, near Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Copper complex compounds of polyazo dyestuffs of the stilbene series. 2,175,552; Oct. 10.
Schindhelm, Hans, Frankfort-on-the-Main-Fechenheim, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Copper complex compounds of disazo dyestuffs of the stilbene series. 2,175,815; Oct. 10.
Schindler, Bruno H., assignor to Weiser Manufacturing Company, South Gate, Calif. Door lock construction. 2,177,948; Oct. 31.
Schinzel, Karl, assignor to Eastman Kodak Company, Rochester, N. Y. Ultraviolet filter in multilayer film. 2,172,262; Sept. 5.
Schippel, Henry F., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Wheel and tire assembly. 2,155,564; Apr. 25.
Schipper, John F., Miami, Fla. Arch support. 2,154,997; Apr. 18.
Schipper, Lyle F., assignor to Guy H. Stickney, Edgemont, S. Dak. Pin lifting implement. 2,163,105; June 20.
Schirm, Eric. (See Schrauth, W., and Schirm.)
Schirmer, Frank C., Spokane, Wash. Condensation trap. 2,180,747; Nov. 21.
Schirmer, Walter E., Chicago, Ill., assignor to Clark Equipment Company, Buchanan, Mich. Axle housing and making same. 2,167,088; July 25.
Schirmer, Wilfred R., Rapid City, S. Dak. Ash receiver. 2,152,285; Mar. 28.
Schisler, Arthur W., Webster Groves, Mo. Gas generator. 2,152,978; Apr. 4.
Schjolin, Eric O., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Hydraulic transmission control. 2,146,030; Feb. 7.
Schjolin, Eric O., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Hydraulic clutch shifting mechanism. 2,146,031; Feb. 7.
Schjolin, Eric O., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Hydraulic throttle control. 2,164,475; July 4.
Schjolin, Eric O., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Oiling system. 2,182,948; Dec. 12.
Schjolin, Hans O., assignor to Yellow Truck & Coach Manufacturing Company, Pontiac, Mich. Door and brake interlock. 2,179,704; Nov. 14.
Schlack, Otto C., Chicago, Ill. Soap feeder. 2,174,729; Oct. 3.
Schlack, Paul, Berlin-Treptow, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of hydroxyalkylated nitrogen bases. 2,143,388; Jan. 10.
Schlack, Paul, Berlin-Lichtenberg, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Saponifying cellulose esters. 2,144,202; Jan. 17.
Schlack, Paul, Berlin-Treptow, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dyeing artificial textile materials from cellulose derivatives. 2,156,069; Apr. 25.
Schlack, Paul, Berlin–Treptow, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Dyeing. 2,183,754; Dec. 19.
Schladt, George J., Dover, N. J. Pyrotechnic composition. 2,149,314; Mar. 7.
Schlaeger, Julian R., Chicago Heights, Ill., assignor to Victor Chemical Works. Heat-treated monocalcium phosphate. 2,160,232; May 30.
Schlaeger, Julian R., Chicago Heights, Ill., assignor to Victor Chemical Works. Baking powder. 2,160,233; May 30.
Schlaepfer, Oskar, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Diesel-electric engine control. 2,145,611; Jan. 31.
Schlafer Supply Company. (See Marschall, John, assignor.)
Schlafge, William H. (See Ellis, G. H., and Schlafge.)
Schlafhorst, W., & Co. (See Fürst, Stefan, assignor.)
Schlage Lock Company. (See Schlage, Walter R., assignor.)
Schlage, Walter R., Palo Alto, assignor to Schlage Lock Company, San Francisco, Calif. Lock mounting for hollow metal doors. Re. 21,024; Mar. 7.
Schlage, Walter R., Palo Alto, assignor to Schlage Lock Co., San Francisco, Calif. Metal door reenforcement and lock mounting. Re. 21,025; Mar. 7.
Schlage, Walter R., Palo Alto, assignor to Schlage Lock Company, San Francisco, Calif. Latch mechanism. 2,178,378; Oct. 31.
Schlage, Walter R., Palo Alto, assignor to Schlage Lock Company, San Francisco, Calif. Door latch construction. 2,179,958; Nov. 14.
Schlage, Walter R., Palo Alto, assignor to Schlage Lock Company, San Francisco, Calif. Lock mounting for hollow metal doors. 2,182,503; Dec. 5.
Schlage, Walter R., assignor to Schlage Lock Company, San Francisco, Calif. Door lock. 2,169,743; Aug. 15.
Schlage, Walter R., assignor to Schlage Lock Company, San Francisco, Calif. Door lock. 2,180,371; Nov. 21.
Schlage, Walter R., assignor to Schlage Lock Company, San Francisco, Calif. Door lock. 2,184,875; Dec. 26.
Schlageter, August, N. D. de Gravenchon, Seine Inferieure, France, assignor to Standard Franco-Americaine de Raffinage. Solvent extraction of lubricating oils. 2,184,961. Dec. 26.
Schlagintweit, George. (See Schlagintweit, Hermann, assignor.)
Schlagintweit, Hermann, assignor to G. Schlagintweit, West Orange, N. J. Atomizer or dispersing device. 2,161,235; June 6.
Schlagintweit, Hermann, West Orange, N. J. Engine cooling system. 2,175,448; Oct. 10.
Schlalos, Frederick W., Sierre Madre, Calif. Flow responsive mechanism. 2,154,777; Apr. 18.
Schlecht, Albert. (See Watschinger, F., and Schlecht.)
Schlecht, Charles F., Chicago, Ill. Printing device. 2,181,382; Nov. 28.
Schlecht, Leo, Ludwigshafen-on-the-Rhine, and W. Schubardt, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing nickel alloy articles. 2,159,231; May 23.
Schlecht, Leo, Ludwigshafen-on-the-Rhine, and W. Schubardt, Mannheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Metallic article. 2,159,604; May 23.
Schlecker, Andrew, Nutley, N. J. Meter for fluids. 2,144,345; Jan. 17.
Schlegel, Carl F., Brighton, assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Window mounting. 2,169,503; Aug. 15.
Schlegel, Charles P., assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Weather stripping and the like. 2,142,258; Jan. 3.
Schlegel, Charles P., assignor to The Schlegel Manufacturing Company, Rochester, N. Y. Window mounting. 2,169,504; Aug. 15.
Schlegel, Fritz. (See Hentrich, W., Köhler, and Schlegel.)
Schlegel Manufacturing Company. (See Rydquist, Adolph, assignor.)
Schlegel Manufacturing Company, The. (See Schlegel, Charles P., assignor.)
Schleif, Robert L., assignor of one-third to W. A. Conley and one-third to J. T. Conley, Minneapolis, Minn. Electrical soldering iron. 2,146,854; Feb. 14.
Schleimer, Floyd V., assignor to United States Appliance Corporation, San Francisco, Calif. Hair waving apparatus. 2,161,202; June 6.
Schleimer, Floyd V., assignor to United States Appliance Corporation, San Francisco, Calif. Hair waving device. 2,161,203; June 6.
Schlemmer, Julius, Faribault, Minn. Table slide. 2,149,186; Feb. 28.
Schlenker, Kurt, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Starting device for internal combustion engines. 2,180,612; Nov. 21.
Schlesinger, Benjamin. (See Lavarack, F. C., and Schlesinger.)

Schlesinger, Ernst O., Vienna, Austria. Clasp for bracelets, wrist watches, waist girdles, etc. 2,148,585; Feb. 28.
Schlesinger, Harry. (See Yoerg, Alfred F., assignor.)
Schlesinger, Jacob, New York, N. Y. Ornament. 2,182,356; Dec. 5.
Schlesinger, Joseph H., assignor to Eagle Chemical Company, New York, N. Y. Neutralization of acids exuding from silicious cements. 2,154,413; Apr. 11.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Connection system for television tubes. 2,144,775; Jan. 24.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Synchronization method for television. 2,144,776; Jan. 24.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Carrier frequency modulator. 2,144,777; Jan. 24.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Rectifier circuit arrangement for television purposes. 2,144,778; Jan. 24.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Relaxation oscillator with variable frequency. 2,144,779; Jan. 24.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. High-frequency transformer. 2,147,553; Feb. 14.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Television receiver. 2,147,554; Feb. 14.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Scanning device. 2,147,555; Feb. 14.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Superheterodyne receiver. 2,147,556; Feb. 14.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Television transmitter. 2,147,557; Feb. 14.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Electron-optical arrangement. 2,147,558; Feb. 14.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Transformation of relaxation oscillations. 2,147,559; Feb. 14.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany, Braun tube. 2,152,820; Apr. 4.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Cathode ray tube apparatus. 2,152,821; Apr. 4.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Relaxation oscillation for interlaced scanning. 2,152,822; Apr. 4.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Coupling transformer. 2,152,823; Apr. 4.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Filter amplifier for television synchronization. 2,152,824; Apr. 4.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Braun tube. 2,152,825; Apr. 4.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Deflecting system. 2.154,386; Apr. 11.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Relaxation oscillation generator. 2,163,214; June 20.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin,Steglitz, Germany. Television transmitter. 2,163,215; June 20.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Television transmission arrangement. 2,163,216; June 20.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Television receiver circuit. 2,163,217; June 20.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Mains supply apparatus. 2,163,218; June 20.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Stabilization of image amplifiers. 2,163,219; June 20.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Television tube. 2,170,251; Aug. 22.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Transformation of relaxation oscillations. 2,170,252; Aug. 22.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Television receiver. 2,173,495; Sept. 19.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Television transmitter. 2,173,496; Sept. 19.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Level maintenance for television amplifiers. 2,173,497; Sept. 19.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Hot cathode arrangement for a cathode ray tube. 2,173,498; Sept. 19.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Transmitter with spiral-aperture disks. 2,173,499; Sept. 19.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Transformation of relaxation oscillations. 2,173,500; Sept. 19.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Scanning device. 2,173,501; Sept. 19.
Schlesinger, Kurt, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Self-synchronization of television scanning means. 2,173,502; Sept. 19.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Impulse generator. 2,185,131; Dec. 26.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Cathode ray tube. 2,185,132; Dec. 26.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Control grid arrangement in cathode ray tubes. 2,185,133; Dec. 26.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Cathode ray tube apparatus. 2,185,134; Dec. 26.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Electronic tube. 2,185,135; Dec. 26.
Schlesinger, Kurt, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Electrical synchronization generator. 2,185,136; Dec. 26.
Schlesinger, Kurt, and M. von Ardenne, Berlin; said von Ardenne assignor to Radio-aktiengesellschaft D. S. Lowewe, Berlin-Steglitz, Germany. Picture transmission. 2,175,033; Oct. 3.
Schlesinger, Samuel, Brooklyn, and W. Seidenberg, New York, N. Y. Shoe. 2,149,552; Mar. 7.
Schlesinger, Sigmund, Budapest, Hungary. Apparatus for the picking up of loops or meshes dropped in hosiery and knitted goods. 2,175,000; Oct. 3.
Schlesinger, William. (See Bailey, Samuel J., assignor.)
Schlessiger, Paul J. (See Von Pein, E. J., and Schlessiger.)
Schleussner, Carl A., Frankfort-on-the-Main, Germany. Preparation of light-sensitive emulsions. 2,181,383;
Schley, Jack A., et al. (See Beckler, Oakley K., assignor.)
Schley, Jack A., et al. (See Rowe, Marion H., assignor.)
Schlichenmaier, Hans. (See Kranzlein, G., and Schlichenmaier.)
Schlichenmaier, Hans. (See Kränzlein, G., Schlichenmaier, and Meissner.)
Schlichenmaier, Hans, Frankfort-on-the-Main, H. Hoyer, Leverkusen, and L. W. Berlin, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat-dyestuffs of the phthaloyl-carbazole series containing trifluoromethyl groups. 2,174,182; Sept. 26.
Schlichenmaier, Hans, and L. W. Berlin, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the anthraquinone series. 2,143,717; Jan. 10.
Schlicht, Carl R., La Crosse, Wis. Sheet metal flanging apparatus. 2,159,771; May 23.
Schlichting, Otto, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the anthraquinone series. 2,168,174; Aug. 1.
Schlichting, Otto, and K. Koeberle, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the anthraquinone series. 2,183,873; Dec. 19.
Schlicker, Herman C., Brooklyn, N. Y. Hair-dressing tool. 2,146,160; Feb. 7.
Schlicker, Herman C., Brooklyn, assignor to Rollocurl Corporation, New York, N. Y. Hair-dressing tool. 2,148,393; Feb. 21.
Schlicker, Herman C., Brooklyn, assignor to Rollocurl Corporation, New York, N. Y. Hairdressing tool. 2,156,255; Apr. 25.
Schlicker, Herman C., Brooklyn, assignor to Rollocurl Corporation, New York, N. Y. Hairdressing tool. 2,156,256; Apr. 25.
Schliemann, Heinrich. (See Augustin, E., Fügmann, Klein, Schliemann, and Herrmann.)
Schlipp, Ludwig, Kassel, and M. Boettle, assignors to Spinnfaser Aktiengesellschaft, Kassel-Bettenhausen, Germany. Production of sliver. 2,181,535; Nov. 28.
Schlitt, Joseph L., Darien, Conn., assignor to Air Reduction Company, Incorporated, New York, N. Y. Separating the constituents of gaseous mixtures. 2,180,435; Nov. 21.
Schlitters, Mathew. (See Schlitters, Michael J. and M.)
Schlitters, Michael J. and M., Detroit, Mich. Locking device. 2,143,925 Jan. 17.
Schlittler, Emil. (See Reichstein, T., and Schlittler.)

Schlitz, Thomas R., Newark, N. J. Composite light. 2,148,965; Feb. 28.
Schlitzer, Leo. (See Popovich, Nicholas, assignor.)
Schloemann Aktiengesellschaft. (See Dreyer, Hans, assignor.)
Schlorf, Raymond C., Chicago, Ill. Valve and cooling means therefor. 2,154,871; Apr. 18.
Schlösinger, Josef, assignor to Aktiengesellschaft für Glass industrie vorm. Friedr. Siemens, Neusattl near Elbogen, Czechoslovakia. Roofing. 2,157,189; May 9.
Schloss, Morris, New York, N. Y. Mechanical tooth brush. 2,184,850; Dec. 26.
Schlottig, Otto. (See Lösch, J., Walter, Behringer, and Schlottig.)
Schloz, Herman A., Oak Park, assignor to United States Gypsum Company, Chicago, Ill. Casein paint. 2,167,221; July 25.
Schlueter, Arthur J., Watertown, Wis. Fish scaler. 2.179,758; Nov. 14.
Schlumberger, Conrad, Paris, France, assignor, by mesne assignments, to Schlumberger Well Surveying Corporation, Houston, Texas. Method and apparatus for identifying the nature of the formations in a bore hole. 2,165,013; July 4.
Schlumberger, Conrad, Paris, France, deceased; A. M. L. Doll, administratrix, assignor to Societe de Prospection Electrique Procedes Schlumberger, Paris, France. Investigating permeable strata traversed by a boring. 2,172,625; Sept. 12.
Schlumberger, Conrad, deceased; A. M. L. Doll, administratrix, assignor to Societe de Prospection Electrique Procedes Schlumberger, Paris, France. Method and apparatus for electrical survey of the formations cut by a bore hole. 2,174,638; Oct. 3.
Schlumberger Well Surveying Corporation. (See Elliott, Raymond D., assignor.)
Schlumberger Well Surveying Corporation. (See Jakosky, John J., assignor.)
Schlumberger Well Surveying Corporation. (See Schlumberger, Conrad, assignor.)
Schlumbohm, Peter, New York, N. Y. Operating vapor jet vacuum pumps. 2,142,806; Jan. 3.
Schlumbohm, Peter, New York, N. Y. Conditioning an absorption refrigerating system. 2,144,441; Jan. 17.
Schlumbohm, Peter, New York, N. Y. Cooling by salts having a negative heat of solution. 2,154,473; Apr. 18.
Schlumbohm, Peter, New York, N. Y. Bottle cooler. 2,163,568; June 20.
Schlumbohm, Peter, New York, N. Y. Cooking utensil. 2,174,425; Sept. 26.
Schlumbohm, Peter, New York, N. Y. Operating a compression refrigeration system. 2,174,482; Sept. 26.
Schlumbohm, Peter, assignor to Propane Development Corporation, New York, N. Y. Refrigerating system. 2,181,851; Nov. 28.
Schlumpf, Jakob, Hollain, Hainaut, Belgium, assignor to Atlantic Rayon Corporation. Process and apparatus for treating textile materials. 2,163,634; June 27.
Schlumpf, Robert W., assignor to Hughes Tool Company, Houston, Tex. Wear resisting alloy. 2,160,290; May 30.
Schlumpf, Robert W., assignor to Hughes Tool Company, Houston, Tex. Making wear resisting well strainers. 2,177,949; Oct. 31.
Schlup, Ernest G. (See Fisher, D. O., Kronborg, and Schlup.)
Schlup, Ernest G. (See Millan, E. N., and Schlup.)
Schlup, Ernest G., assignor to The American Rolling Mill Company, Middletown, Ohio. Induction furnace. 2,181,921; Dec. 5.
Schlüpmann, Heinrich, Berlin-Niederschoneweide, Germany. Metal-spraying pistol. 2,168,807; Aug. 8.
Schlytter, Thomas, Gyssestad, Slependen, near Oslo, Norway. Ski binding. 2,181,794; Nov. 28.
Schmal, Alois H., assignor to S K F Industries, Inc., Philadelphia, Pa. Bearing seal. 2,144,691; Jan. 24.
Schmal, Alois H., assignor to S K F Industries, Inc., Philadelphia, Pa. Automotive propeller shaft support bearing unit. 2,165,155; July 4.
Schmalstieg, William H., Wheeling, W. Va. Coupling pin. 2,161,390; June 6.
Schmaltz, Robert F., Muskegon Heights, Mich. Fishing tackle. 2,185,065; Dec. 26.
Schmalz, William F. (See Gonner, B. F., and Schmalz.)
Schmalz, William F., Rockville, assignor to Colt's Patent Fire Arms Manufacturing Co., Hartford, Conn. Ornamented article and making. 2,166,879; July 18.
Schmarion, Herman, New York, N. Y. Toy gun. 2,181,952; Dec. 5.
Schmarion, Herman, New York, N. Y. Mechanical toy. 2,757,021; May 2.
Schmeisser, Hugo, Suhl, Thuringen, Germany. Air rifle. 2,172,036; Sept. 5.
Schmellenmeier, Heinz, Berlin-Pankow, Germany, assignor to General Electric Company. Rare gas electric discharge tube. 2,143,526; Jan. 10.
Schmeller, Edward A., et al. (See Schmeller, John, Sr., assignor.)
Schmeller, Edward A., Lakewood, assignor of one-third to F. I. Schmeller, Rocky River, and one-third to J. L. Schmeller, Lakewood, Ohio. Aluminum alloys. 2,157,741; May 9.
Schmeller, Emil E., Chewelah, Wash. Concrete wall structure. 2,157,271; May 9.
Schmeller, Frank I., et al. (See Schmeller, Edward A., assignor.)
Schmeller, Frank I., et al. (See Schmeller, John, Sr., assignor.)
Schmeller, John, Sr., Lakewood, Ohio. Handling and treating metal. 2,142,875; Jan. 3.
Schmeller, John, Sr., assignor of one-fourth to J. L. Schmeller, one-fourth to E. A. Schmeller, Lakewood, and one-fourth to F. I. Schmeller, Rocky River, Ohio. Tread plate. 2,176,849; Oct. 17.
Schmeller, John L., et al. (See Schmeller, Edward A., assignor.)
Schmeller, John L., et al. (See Schmeller, John, Sr., assignor.)
Schmelzer, Albert, Cologne, and E. Stein, Leverkusen-Schlebusch, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Diazoamino compound. 2,173,324; Sept. 19.
Schmelzer, Anton C., assignor to M. Schmelzer, Cleveland, Ohio. Freezing container for refrigerators. 2,166,560; July 18.
Schmelzer, Mary. (See Schmelzer, Anton C., assignor.)
Schmer, Karl, Berlin-Mariendorf, Germany, assignor to General Electric Company. Turbo-electric railway motor car. 2,165,982; July 11.
Schmer, Karl, Berlin-Mariendorf, Germany, assignor to General Electric Company. Power-plant control apparatus. 2,165,983; July 11.
Schmer, Karl, Berlin-Mariendorf, and R. Troeger, Berlin-Zehlendorf, Germany, assignors to General Electric Company. Electric translating system. 2,174,392; Sept. 26.
Schmid, Adolf. (See Bendel, H., and Schmid.)
Schmid, Albert P. (See Kranz, P., and Schmid.)
Schmid, Hans, Saarbruecken, Germany, assignor to Remington Rand Inc., Buffalo, N. Y. File. 2,149,553; Mar. 7.
Schmid, Byron C., Washington, D. C. Racket for table tennis and similar games. 2,147,110; Feb. 14.
Schmid, Erich. (See Winter, H., Fahrenhorst, and Schmid.)
Schmid, Frederick, assignor of fifty per cent to C. Romano, Philadelphia, Pa. Razor honing apparatus. 2,166,773; July 18.
Schmid, Joseph, Cleveland Heights, Ohio. Air heater. 2,144,712; Jan. 24.
Schmid, Julius, Inc. (See Kurkjian, Yervant H., assignor.)
Schmid, Julius. (See Millen, Stanley S., assignor.)
Schmid, Julius, Beverly Hills, Calif. Pessary. 2,145,057; Jan. 24.
Schmid, Kurt, W. Ilberg, and W. Runge, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Multiple beam radio beacon. 2,173,918; Sept. 26.
Schmid, Max, Riehen, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs. 2,155,001; Apr. 18.
Schmid, Richard. (See Kracker, H., and Schmid.)
Schmid, William, assignor to H. A. Douglas Mfg. Co., Bronson, Mich. Key controlled switch. 2,148,881; Feb. 28.
Schmidinger, Joseph, Long Island City, and C. C. Bohner, Maplewood, N. J. Electrical flashing apparatus. 2,144,640; Jan. 24.
Schmidinger, Joseph, New York, N. Y. Thermal switch and the like. 2,177,671; Oct. 31.
Schmidling, Gilbert T., Kew Gardens, assignor to Eastern Electronics Research Inc., Brooklyn, N. Y. Fluorescent illuminating device. 2,143,527; Jan. 10.
Schmidt, Alfred, Weehawken, N. J. Shell assembling machine. 2,155,958; Apr. 25.
Schmidt, Alfred, Weehawken, N. J. Soldering machine. 2,167,006; July 25.
Schmidt, Alfred C., Teaneck, and C. W. Bruger, Union City, N. J. Electric iron. 2,143,424; Jan. 10.
Schmidt, Alfred C., Teaneck, and C. W. Bruger, North Bergen, N. J. Electric iron. 2,152,502; Mar. 28.
Schmidt, Alfred C., West Englewood, and J. F. Jack, assignors to The H. A. Wilson Company, Newark, N. J. Electrical make and break contact. 2,163,354; June 20.
Schmidt, Arno, Dresden, Germany. Furniture. 2,162,975; June 20.
Schmidt, August, Jr., Schenectady, N. Y., assignor to General Electric Company. Electric regulating system. 2,157,834; May 9.
Schmidt, August, Jr., Niskayuna, N. Y., assignor to General Electric Company. Electric valve converting system. 2,166,825; July 18.
Schmidt, August, Jr., Niskayuna, N. Y., assignor to General Electric Company. Valve converting system. 2,178,438; Oct. 31.
Schmidt, Benjamin F., Los Angeles, Calif. Electric motor. 2,169,617; Aug. 15.
Schmidt, Bernhard E., Milwaukee, Wis. Mortician and ambulance cot. 2,142,215; Jan. 3.
Schmidt, Carl L. (See Christy, George C., assignor.)
Schmidt, Charles F. (See Carvalho, L. R. N., and Schmidt.)
Schmidt, Charles F. (See Galpin, G. G., and Schmidt.)
Schmidt, Charles F., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Closure applying apparatus. 2,152,571; Mar. 28.

Schmidt, Charles F., Jeffersontown, Ky. Potato planter. 2,166,732; July 18.
Schmidt, David, Lakewood, assignor to The Dobeckmun Company, Cleveland, Ohio. Bag and making same. 2,149,872; Mar. 7.
Schmidt, Edmund T. H., Chicago, Ill. Basket. 2,161,639; June 6.
Schmidt, Edward. (See Dean, J. L., and Schmidt.)
Schmidt, Edward P., Milwaukee, assignor to Racine Shoe Manufacturing Co., Racine, Wis. Shoe. 2,151,235; Mar. 21.
Schmidt, Edwin H., Tripp, S. Dak. Undertaker's dressing table. 2,147,111; Feb. 14.
Schmidt, Erwin J. (See Freedlander, A. L., and Schmidt.)
Schmidt, Erwin J. (See Grange, E. A., Kaptuller, and Schmidt.)
Schmidt, Erwin J. (See Grange, E. A., and Schmidt.)
Schmidt, Ferdinand, Verden-on-the-Aller, Germany. Siloing green fodder. 2,162,922; June 20.
Schmidt, Francis M., North Tonawanda, N. Y., assignor, by mesne assignments, to The Rudolph Wurlizter Company, Cincinnati, Ohio. Side band suppressed tuning for radio receiving systems. 2,160,566; May 30.
Schmidt, Frank W., assignor to Ryerson & Haynes, Inc., Jackson, Mich. Making ratchet bars. 2,153,524; Apr. 4.
Schmidt, Fred A., South Gate, Calif. Production of solidified carbon dioxide and the recovery of nitrogen. 2,143,283; Jan. 10.
Schmidt, Fred A., South Gate, Calif. Apparatus for controlling refrigeration. 2,143,902; Jan. 17.
Schmidt, Friedrich P., Suhl, Germany. Collapsible tubular container. 2,164,430 July 4.
Schmidt, Fritz, Harburg-Wilhelmsburg, Germany. Elastic mounting device. 2,180,613; Nov. 21.
Schmidt, George S., York, Pa., assignor to American Chain & Cable Company, Inc., New York, N. Y. Tire chain. 2,159,831; May 23.
Schmidt, George S., Jr., York, Pa., assignor to American Chain & Cable Company, Inc. Forming twisted chain links. 2,171,995; Sept. 5.
Schmidt, George S., York, Pa., assignor to American Chain & Cable Company, Inc., New York, N. Y. Tire chain. 2,172,880; Sept. 12.
Schmidt, Grayson, Fort Kamehameha, Hawaii, assignor to G. B. Finnegan, Jr., Cove Place, Mountain Lakes, N. J. Fire control for machine guns. 2,157,575; May 9.
Schmidt, Gustav H., Wood-Ridge, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Torch. 2,181,156; Nov. 28.
Schmidt, Harold V., Oak Park, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Cable reel lagging. 2,169,293; Aug. 15.
Schmidt, Harry O. (See Hadwiger, O. E., and Schmidt.)
Schmidt, Heinrich, Walddorf, Germany, assignor to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Producing hydrogen peroxide from solutions. 2,169,128; Aug. 8.
Schmidt, Heinrich, Waldorf, Germany, assignor to The Pennsylvania Salt Manufacturing Company, Philadelphia, Pa. Production of highly concentrated hydrogen peroxide solutions. 2,178,496; Oct. 31.
Schmidt, Henry A., Jr. (See Needham, H. H., Schmitz, and Zerbe.)
Schmidt, Henry F. (See Wilson, W. A., and Schmidt.)
Schmidt, Henry F., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Making turbine elements. 2,157,679; May 9.
Schmidt, Henry F., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bearing lubrication. 2,158,835; May 16.
Schmidt, Henry F., Lansdowne, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine casing joint. 2,181,744; Nov. 28.
Schmidt, Hermann H., Hanover, Kans., assignor to The Universal Royalty and Development Company, St. Joseph, Mo. Blending materials and applying blended materials to cereals. 2,160,914; June 6.
Schmidt-International, Oscar, Inc. (See Finney, Harold G., assignor.)
Schmidt, John, New York, N. Y. Fountain comb. 2,148,966; Feb. 28.
Schmidt, Karl, U. S. Navy. Airplane wing rib construction. 2,146,768; Feb. 14.
Schmidt, Karl, U. S. Navy. Load strip for airplane wing and control surface covers. 2,166,182; July 18.
Schmidt, Karl, U. S. Navy. Airplane rib. 2,167,686; Aug. 1.
Schmidt, Karl, U. S. Navy. Lacing attachment for airplane cover fabric. 2,167,687; Aug. 1.
Schmidt, Karl, Brooklyn, N. Y., assignor to Marioness and Company, Inc. Container. 2,178,188; Oct. 31.
Schmidt, Karl W., Nuremberg, Germany. Making water-soluble capsules for cosmetic purposes. 2,170,253; Aug. 22.
Schmidt, Kurt. (See Stoeckly, J. J., and Schmidt.)
Schmidt, Louis. (See Streckfus, J., Schmidt, and Godwin.)
Schmidt, Louis C. (See Florea, Manuel, assignor.)
Schmidt, Louis F., Chicago, Ill. Assist strap. 2,163,106; June 20.
Schmidt, Maria. (See Schmidt, Theodor, assignor.)
Schmidt, Maximilian P., assignor to Kalle & Co., Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Copying paper. 2,146,515; Feb. 7.
Schmidt, Maximilian P., and O. Süs, assignors to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Production of diazo prints. 2,150,565; Mar. 14.
Schmidt, Maximilian P., O. Süs, and G. Werner, assignors to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Light-sensitive layers. 2,151,532; Mar. 21.
Schmidt, Maximilian P., and G. Werner, assignors to Kalle & Co., Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Production of light-sensitive diazotype layers. 2,158,836; May 16.
Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Hashing machine. 2,147,582; Feb. 14.
Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Dropper for carcasses and the like. 2,159,623; May 23.
Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Cutting machine. 2,177,600; Oct. 24.
Schmidt, Oscar C., assignor to The Cincinnati Butchers' Supply Company, Cincinnati, Ohio. Snout puller. 2,181,536; Nov. 28.
Schmidt, Otto, Methuen, Mass. Tool handle fastening. 2,166,024; July 11.
Schmidt, Otto W. (See Carswell, F. L., and Schmidt.)
Schmidt, Otto W., assignor, by mesne assignments, to M. W. Borders, Jr., Kansas City, Mo. Composition to increase the efficiency of internal combustion engines. 2,155,981; Apr. 25.
Schmidt, Richard W., Redondo Beach, assignor to The Evanston Company, Los Angeles, Calif. Absorbent material for gas masks. 2,148,175; Feb. 21.
Schmidt, Richard W., Redondo Beach, assignor to The Evanston Company, Los Angeles, Calif. Purifying milk. 2,155,843; Apr. 25.
Schmidt, Robert H. (See Dunnam, F. E., and Schmidt.)
Schmidt, Samuel S., York, assignor to Grey Iron Casting Company, Mount Joy, Pa. Toy. 2,169,710; Aug. 15.
Schmidt, Theodor, assignor to M. Schmidt, geb. Salm, Berlin, Germany. Chord engaging device for musical instruments. 2,159,677; May 23.
Schmidt, Walter. (See Nüsslein, J., Nicodemus, Schmidt, and Schacke.)
Schmidt, Walter, Menden, Kreis Iserlohn, Germany. Automatic door check with tension contrivance and mechanical brake. 2,167,409; July 25.
Schmidt, Wilhelm, Berlin-Schmargendorf, Germany, assignor to E. A. Mulert, New York, N. Y. Kaleidscopic device. 2,155,563; Apr. 25.
Schmidt, Wilhelm, Berlin–Schmargendorf, Germany, assignor to E. A. Mulert, New York, N. Y. Pattern for kaleidoscopic device. 2,155,565; Apr. 25.
Schmidt, Willi, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of aliphatic amines. 2,160,578; May 30.
Schmidt, Willi, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellshaft, Frankfort-on-the-Main, Germany. Production of amines by the catalytic hydrogenation of nitriles. 2,165,515; July 11.
Schmidt, Willi, and K. Huttner, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of amines. 2,166,971; July 25.
Schmidt, Willi, J. Thewalt, and A. Rothhaas, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of high molecular hydroxylated condensation products from crotonaldehyde. 2,178,523; Oct. 31.
Schmidt, William B., Chicago, Ill. Parachute braking means. 2,158,731; May 16.
Schmidt, William D. (See Blood, H. L., and Schmidt.)
Schmidt, William D., assignor to The Heald Machine Company, Worcester, Mass. Honing machine. 2,143,454; Jan. 10.
Schmidt, William D., assignor to The Heald Machine Company, Worcester, Mass. Hydraulic system for boring machines and the like. 2,174,044; Sept. 26.
Schmidt, William D., A. P. Burns and L. W. Corbett, assignors to The Heald Machine Company, Worcester, Mass. Boring machine. 2,146,446; Feb. 7.
Schmidtke, Albert H. (See Hintz, P., and Schmidtke.)
Schmidtmann, Emil, Gelsenkirchen, Germany. Tunnel construction. 2,149,232; Feb. 28.
Schmidt-Ott, Hans D., Berlin-Steglitz, and E. Mechau, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Optical system. 2,172,775; Sept. 12.
Schmidt'sche Heissdampf, Gesellschaft, m. b. H. (See Hartmann, Otto H., assignor.)
Schmidt'sche Heissdampf, Gesellschaft m. b. H. (See Hartmann, O. H., and Loewenstein, assignors.)
Schmidt'sche Heissdampf Gesellschaft, m. b. H. (See Trede, Hans, assignor.)
Schmied, Joseph M., assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Perforating machine. 2,173,730; Sept. 19.
Schmiedel, Gustave, assignor to Lovell-Dressel Company, Inc., Arlington, N. J. Hand lantern. 2,179,056; Nov. 7.

Schmiedel, Hans J., Berlin-Halensee, Germany, assignor to General Electric Company. Electric valve converting system. 2,177,500; Oct. 24.

Schmiedel, Johannes, assignor to "Universelle" Cigarettenmaschinen-Fabrik J. C. Muller & Co., Dresden, Germany. Machine for the production of box parts. 2,149,554; Mar. 7.

Schmiedel, William F., assignor to Deltox Rug Company, Oshkosh, Wis. Tufting attachment for sewing machines. 2,160,090; May 30.

Schmiedel, William F., assignor to Deltox Rug Company, Oshkosh, Wis. Tufting attachment for sewing machines. 2,160,094; May 30.

Schmiedeknecht, Victor E., Louisville, Ky. Adjustable vacuum breaker for flush valves. 2,171,734; Sept. 5.

Schmieding, Warren H. F. (See Raney, E. D., and Schmieding.)

Schmieg, John D., assignor to Schmieg Sheet Metal Works, Detroit, Mich. Apparatus for removing foreign material from air. 2,163,452; June 20.

Schmieg Sheet Metal Works. (See Schmieg, John D., assignor.)

Schmiege, Frank F., Kalamazoo, Mich. Wire-weaving machine. 2,172,037; Sept. 5.

Schmitt, Arthur J., Chicago, Ill. Radio socket. 2,161,487; June 6.

Schmitt, Erich, Mannheim, assignor to Maschinenfabrik Augsburg-Nurnberg, A. G., Augsburg, Germany. Controlling the supercharging pressure in internal combustion engines. 2,172,809; Sept. 12.

Schmitt, George, Nogales, Ariz. Animal trap. 2,144,940; Jan. 24.

Schmitt, George P., assignor to Platinum Products Corp., New York, N. Y. Lighter. 2,160,002; May 30.

Schmitt, George P., assignor to Platinum Products Corp., New York, N. Y. Lighter. 2,166,266; July 18.

Schmitt, John G. (See Saal, G. F., and Schmitt.)

Schmitt, Joseph H., Red Bank, N. J. Protecting alkali cyanides. 2,150,786; Mar. 14.

Schmitt, Julius A., Hamilton, Ohio. Door latch. 2,179,430; Nov. 7.

Schmitt, Karl J., assignor to Sächsische Textilmaschinenfabrik vorm. Rich. Hartmann Aktiengesellschaft, Chemnitz, Germany. Apparatus for producing from endless fibers a card sliver suitable for drawing. 2,180,172; Nov. 14.

Schmitt, Otto A., Syracuse, assignor to Continental Can Company, New York, N. Y. Machine for closing cans. 2,177,813; Oct. 31.

Schmitt, Robert. (See Zitscher, A., Schmitt, and Kracker.)

Schmitter, Walter P., assignor to The Falk Corporation, Milwaukee, Wis. Geared power unit. 2,156,739; May 2.

Schmitter, Walter P., assignor to The Falk Corporation, Milwaukee, Wis. Variable speed transmission. 2,168,274; Aug. 1.

Schmitter, Walter P., assignor to The Falk Corporation, Milwaukee, Wis. Coupling. 2,181,537; Nov. 28.

Schmitter, Walter P., assignor to The Falk Corporation, Milwaukee, Wis. Variable speed transmission. 2,183,507; Dec. 12.

Schmitter, Walter P., and R. Wiken, assignors to The Falk Corporation, Milwaukee, Wis. Vertical geared motor. 2,152,607; Mar. 28.

Schmitz, Adolf. (See Feldt, A., Schöllkopf, and Schmitz.)

Schmitz, Fred A., Cincinnati, assignor to Globe-Wernicke Company, Norwood, Ohio. Tab insert. 2,151,359; Mar. 21.

Schmitz, Fred A., assignor to Globe-Wernicke Company, Norwood, Ohio. Drawer suspension. 2,162,318; June 13.

Schmitz, Fred A., Cincinnati, assignor to Globe-Wernicke Company, Norwood, Ohio. Office furniture. 2,182,037; Dec. 5.

Schmitz-Hillebrecht, Ernst. (See Goldacker, P., Maiser, and Schmitz-Hillebrecht.)

Schmitz, Werner, Soleure, Switzerland. Wrist watch. 2,163,220; June 20.

Schmohl, Alfred C., Beaver Falls, assignor, by mesne assignments, to Pressed Steel Car Company, Inc., Pittsburgh, Pa. Car construction. 2,154,139; Apr. 11.

Schmohl, Alfred C., Beaver Falls, assignor, by mesne assignments, to Pressed Steel Car Company, Inc., Pittsburgh, Pa. Car construction. 2,154,140; Apr. 11.

Schmutz-Bremsen Aktiengesellschaft. (See Schmutz, Hans, assignor.)

Schmutz, Hans, assignor to Schmutz-Bremsen Aktiengesellschaft, Berne, Switzerland. Controlling valve for fluid pressure brakes on automotive vehicles. 2,174,139; Sept. 26.

Schmutz, Oskar. (See Friedländer, E., and Schmutz.)

Schmutz, Oskar, Berlin-Haselhorst, and O. Werner, Klein-Machnow, Kreis Teltow, Germany, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Voltage stabilizing network. 2,179,353; Nov. 7.

Schmutzer, Charles. (See Hoffman, A. F., Schmutzer, and Manrodt.)

Schnabel, Charles F. (See Smith, L. H., and Schnabel.)

Schnabel, Ernst, Berlin-Lichterfelde, Germany, assignor to Resistoflex Corporation, New York, N. Y. Applying coatings to hollow bodies. 2,160,371; May 30.

Schnabel, Ernst, Berlin-Lichterfelde, Germany, assignor to Resistoflex Corporation, New York, N. Y. Producing homogeneous solid articles from polyvinyl alcohol. 2,177,612; Oct. 24.

Schnaier, Milton, New York, N. Y. Smoking pipe. 2,144,393; Jan. 17.

Schnaier, Milton, New York, N. Y. Smoking pipe. 2,170,430; Aug. 22.

Schnaier, Milton, New York, N. Y. Smoking pipe. 2,183,658; Dec. 19.

Schnarz, Richard, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric seam welding. 2,175,920; Oct. 10.

Schnarz, Richard, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding system. 2,175,921; Oct. 10.

Schnedarek, Emil F., assignor to The General Tire & Rubber Company, Akron, Ohio. Tire building drum. 2,145,806; Jan. 31.

Schneible, Claude B., Chicago, Ill. Sludge pump. 2,144,417; Jan. 17.

Schneible, Claude B., Chicago, Ill. Resilient rivet and securing resilient blanket to support. 2,172,132; Sept. 5.

Schneible, Claude B., Chicago, Ill. Resilient abrasive blanket. 2,178,728; Nov. 7.

Schneider, Adam, Milwaukee, Wis. Adjuster for swinging doors. 2,164,948; July 4.

Schneider, Andrew. (See Welsmiller, F. A., and Schneider.)

Schneider, Arthur D., et al., trustees. (See Cisin, Harry G., assignor.)

Schneider, Benjamin B. (See Podbielniak, Walter J., assignor.)

Schneider, Berthold, Berlin, Germany. Chair for doctors, dentists, hairdressers, and the like. 2,181,465; Nov. 28.

Schneider, Cale J., Toledo, Ohio. Fruit girth. 2,165,417; July 11.

Schneider & Cie. (See Fieux, Jean, assignor.)

Schneider & Cie. (See Methlin, Nicolas E., assignor.)

Schneider, Edward J. (See Morse, A. H., and Schneider.)

Schneider, Elbert D., Scotia, N. Y., assignor to General Electric Company. System of dynamic braking. 2,167,530; July 25.

Schneider, Elbert D., Scotia, N. Y., assignor to General Electric Company. Time delay relay. 2,171,347; Aug. 29.

Schneider, Elbert D., Scotia, N. Y., assignor to General Electric Company. Electric valve time delay relay. 2,171,348; Aug. 29.

Schneider, Emil, Philadelphia, Pa. Kitchener. 2,156,516; May 2.

Schneider, Ernst. (See Mueller, H., and Schneider.)

Schneider, Ernst, Uerdingen-on-the-Rhine, assignor to Buttner-Werke Aktiengesellschaft, Uerdingen, Niederrhein, Germany. Pneumatic circulation drier. 2,156,924; May 2.

Schneider, Frank H., Royersford, Pa. Range. 2,164,147; June 27.

Schneider, Frank H., assignor to The Floyd-Wells Company, Royersford, Pa. Range. 2,175,159; Oct. 3.

Schneider, Frank H., Royersford, and D. Saponara, Spring City, assignors to The Floyd-Wells Company, Royersford, Pa. Gas burner and support therefor. 2,148,777; Feb. 28.

Schneider, Frank H., Royersford, and D. Saponara, Spring City, assignors to The Floyd-Wells Company, Royersford, Pa. Stove or range. 2,149,075; Feb. 28.

Schneider, Frans L. G., The Hague, assignor to Holland Electroc N. V., Rotterdam, Netherlands. Lamp construction comprising a reflector. 2,183,048; Dec. 12.

Schneider, Fred E., Grand Junction, Colo. Locking means for fuel tank caps. 2,165,659; July 11.

Schneider, George, Montclair, N. J., assignor to Celanese Corporation of America. Coated materials and making same. 2,147,757; Feb. 21.

Schneider, Heinrich, Beloit, Wis. Planetary turbine transmission. 2,176,105; Oct. 17.

Schneider, Helmuth G. (See Otto, M., and Schneider.)

Schneider, Helmuth G., Roselle, and W. H. Smyers, Westfield, N. J., assignors to Standard Oil Development Company. Motor fuel and preparing same. 2,176,747; Oct. 17.

Schneider, Henry W. (See Treece, J. H., Whitney, and Schneider.)

Schneider, Henry W., Toledo, Ohio, assignor to Libbey Glass Company. Apparatus for stenciling articles. 2,179,220; Nov. 7.

Schneider, Henry W., Toledo, Ohio, assignor to Libbey Glass Company. Stenciling apparatus. 2,179,222; Nov. 7.

Schneider, Henry W., and E. R. Lowndes, Toledo, Ohio, assignors to Libbey Glass Company. Multicolor stenciling apparatus. 2,153,435; Apr. 4.

Schneider, Henry W., and L. O. Mankin, Toledo, Ohio, assignors to Libbey Glass Company. Banding machine. 2,179,221; Nov. 7.

Schneider, Hermann. (See Straub, F., Pieth, and Schneider.)

Schneider, Hermann. (See Straub, F., and Schneider.)

Schneider, Hermann. (See Straub, F., Schneider, and Pieth.)

Schneider, Johann, Wolfen, Kreis Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankort-on-the-Main, Germany. Manufacture of sodium hydrosulphide. 2,154,917; Apr. 18.
Schneider, Jos., & Co. Optische Werke. (See Tronnier, A. W., Roeschlein, and Lescher, assignors.)
Schneider, Julius, Munich, Germany. Casting mold for type casting machines. 2,172,854; Sept. 12.
Schneider, Kurt, and H. Schunck, Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Electric arc furnace. 2,164,024; June 27.
Schneider, Kurt, and H. Schunck, Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Electric arc furnace. 2,171,435; Aug. 29.
Schneider, Kurt, and H. Schunck, Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Electric arc furnace. 2,171,436; Aug. 29.
Schneider, Kurt R. (See Doty, C. R., Schneider, and Holt.)
Schneider, Kurt R. (See Fitch, C. J., and Schneider.)
Schneider, Kurt R., and C. J. Fitch, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Keyboard locking means. 2,168,423; Aug. 8.
Schneider, Marie L., Forest Hills, N. Y. Sifter. 2,164,841; July 4.
Schneider, Max, Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Spinnerette manufacturing apparatus. 2,148,221; Feb. 21.
Schneider, Newton H., Salinas, Calif. Lettuce trimmer. 2,184,889; Dec. 26.
Schneider, Oskar, Berlin, assignor to Siemens & Halske, Aktiengesellschaft, Berlin-Siemensstadt, Germany. Shielded connector device. 2,163,412; June 20.
Schneider, Peter, Glendale, Long Island, and A. Bruchfeld, New York, N. Y. Trimming. 2,162,591; June 13.
Schneider, Peter, P. Brown, and P. Hannuss, Brooklyn, N. Y. Universal bottle cover device. 2,147,758; Feb. 21.
Schneider, Rudolph H., assignor, by mesne assignments, to Reconstruction Finance Corporation, St. Louis, Mo. Two-cycle engine. 2,164,167; June 27.
Schneider, Wilhelm. (See Wilmanns, G., and Schneider.)
Schneider, Wilhelm. (See Wilmanns, G., Schneider, and Bauer.)
Schneider, Wilhelm. (See Wilmanns, G., Schneider, and Frohlich.)
Schneider, Wilhelm. (See Wilmanns, G., Schneider, and Kethur.)
Schneider, Wilhelm. (See Wilmanns, G., Schneider, and Wendt.)
Schneider, Wilhelm, Dessau, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Dyes of the cyanine series. 2,143,389; Jan. 10.
Schneider, Wilhelm, Dessau in Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Antihalation layer and filter layer. 2,147,112; Feb. 14.
Schneider, Wilhelm, Dessau, Anhalt, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Derivatives of a-hydroxynaphthoic acid. 2,156,821; May 2.
Schneider, Wilhelm, Dessau, Germany, assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Oxazole-trimethinecyanines. 2,173,486; Sept. 19.
Schneider, Wilhelm, Dessau, Anhalt, Germany, assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Color film with sound record. 2,178,882; Nov. 7.
Schneider, Wilhelm, Dessau, Germany, assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Manufacture of multicolor photographs. 2,179,234; Nov. 7.
Schneider, Wilhelm, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Arrangement of oscillation crystals. 2,157,576; May 9.
Schneider, Wilhelm, and H. Loleit, Dessau, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Coupling compounds for color forming development. 2,154,918; Apr. 18.
Schneider, Wilhelm, and E. Bauer, Dessau in Anhalt, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Sensitizing dyes for photographic emulsions. 2,157,351; May 9.
Schneider, Wilhelm, and M. Hagedorn, Dessau, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Photographic silver halide emulsion layers. 2,178,612; Nov. 7.
Schneider, Wilhelm, and A. Fröhlich, Dessau (Anhalt), Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Silver halide emulsion for color photography. 2,179,244; Nov. 7.
Schnell, Steve, assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid braking apparatus. 2,146,855; Feb. 14.
Schnell, Steve, Overland, assignor to Wagner Electric Corporation, St. Louis, Mo. Brake actuating mechanism. 2,150,991; Mar. 21.
Schnell, Steve, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking mechanism. 2,156,794; May 2.
Schnell, Steve, assignor to Wagner Electric Corporation, St. Louis, Mo. Automatic brake shoe wear compensating means. 2,158,804; May 16.
Schnell, Steve, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking mechanism. 2,161,640; June 6.
Schnell, Steve, assignor to Wagner Electric Corporation, St. Louis, Mo. Braking mechanism. 2,161,641; June 6.
Schnell, William J., Berwyn, assignor to Electrical Research Laboratories Inc., Chicago, Ill. Radio tuner. 2,154,778; Apr. 18.
Schnell, William J., Berwyn, assignor to Electrical Research Laboratories, Inc., Chicago, Ill. Radio dial. 2,155,101; Apr. 18.
Schnell, William J., Berwyn, assignor to Electrical Research Laboratories Inc., Chicago, Ill. Radio tuning indicator. 2,182,572; Dec. 5.
Schnellpressenfabrik Aktiengesellschaft Heidelberg. (See Büttner, Artur, assignor.)
Schnider, Morris, Los Angeles, Calif. Pocket toilet set container. 2,168,073; Aug. 1.
Schnider, Otto. (See Preiswerk, E., and Schnider.)
Schnider, Otto, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. 2,4-dioxo-3,3-dialkyltetrahydro-pyridine-6-carboxylic acids and their manufacture. 2,170,781; Aug. 22.
Schnitzler, Erwin. (See Dachlauer, K., and Schnitzler.)
Schnitzler, Erwin. (See Flemming, W., Dachlauer, and Schnitzler.)
Schnoll, Nathan, New York, and L. W. Appleton, Brooklyn,, assignors to Solar Manufacturing Corporation, New York, N. Y. Electrolytic condenser and making same. 2,151,806; Mar. 28.
Schnoor, Raymond D., Chicago, Ill. Draft apparatus. 2,149,633; Mar. 7.
Schnorf, Paul, Wiesli, Switzerland, assignor to Hercules Powder Company, Wilmington, Del. Treating rosin esters and product thereof. 2,154,704; Apr. 18.
Schnuck, Carl F., New Haven, assignor to Farrel-Birmingham Company, Ansonia, Conn. Vulcanizing and stretching press. 2,152,503; Mar. 28.
Schnuck, Carl F., New Haven, assignor to Farrel-Birmingham Company, Inc., Ansonia, Conn. Rubber mill or the like. 2,179,961; Nov. 14.
Schnurr, Walther. (See Kränzlein, G., Bestian, and Schnurr.)
Schöbel, Fritz. (See Helm, Max, and Schöbel.)
Schoberg, George E., Minneapolis, Minn. Toy balloon. 2,170,539; Aug. 22.
Schoch, Eugene P., Austin, Tex. Lignite and producing the same. 2,183,924; Dec. 19.
Schoch, Fred C., Oak Park, Ill. Door latch. 2,177,672; Oct. 31.
Schock, Gusmer & Co. (See Schock, Robert C., assignor.)
Schock, Robert C., New Rochelle, N. Y., assignor to Schock, Gusmer & Co., Inc., Hoboken, N. J. Lauter machine. 2,150,009; Mar. 7.
Schock, Robert E., Riverhead, N. Y., assignor to Radio Corporation of America. Automatic frequency control circuit. 2,172,456; Sept. 12.
Schockling, Leo J., McKeesport, Pa. Holder for articles. 2,163,710; June 27.
Schoeben, Henry J., Chicago, Ill. Rupture appliance. 2,182,264; Dec. 5.
Schoeller, Conrad, Ludwigshafen-on-the-Rhine, and J. Nuesslein, Frankfort-on-the-Main-Hochst, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of ethers suitable as dispensing agents and of preparations therefrom. 2,164,431; July 4.
Schoeller, Walter, Berlin-Charlottenburg, Germany, assignor to Schering Corporation, Bloomfield, N. J. Manufacture of dihydrofollicle hormones by fermentative reduction. 2,184,167; Dec. 19.
Schoeller, Walter, Berlin-Westend, and A. Serini, assignors to Schering Aktiengesellschaft, Berlin, Germany. Addition products of saturated and unsaturated etiocholanones and their derivatives and producing the same. 2,150,885; Mar. 14.
Schoeller, Walter, Berlin-Westend, A. Serini, and W. Logemann, Berlin, Germany, assignors to Schering Aktiengesellschaft. Androstendione and producing the same. 2,175,220; Oct. 10.
Schoelm, Charles F. (See Olson, G. H., Schoelm, and Allen.)
Schoenberger, Otto H. (See Lockwood, G. M., and Schoenberger.)
Schoenberger, Otto H., Compton, Calif. Display machinery. 2,151,303; Mar. 21.
Schoenberger, Robert E., Shaker Heights, assignor to The W. J. Schoenberger Company, Cleveland, Ohio. Gas valve. 2,162,231; June 13.
Schoenberger, Robert E., Shaker Heights, assignor to The W. J. Schoenberger Company, Cleveland, Ohio. Gas valve. 2,162,232; June 13.
Schoenberger, Robert E., Shaker Heights, assignor to The W. J. Schoenberger Company, Cleveland, Ohio. Double burner valve. 2,162,233; June 13.
Schoenberger, W. J., Company, The. (See Schoenberger, Robert E., assignor.)
Schoenemann, Karl. (See Brill, R., and Schoenemann.)
Schoenfeld, Frank K., Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Acceleration of vinyl halide polymerization. 2,168,808; Aug. 8.

Schoenhaut, Harry. (See Leemhuis, Johannes C. P., assignor.)
Schoeninger, Adolf O., Irvington, N. J., assignor to Forstner Chain Corporation. Key ring construction. 2,179,524; Nov. 14.
Schoeninger, Adolf O., Irvington, N. J., assignor to Forstner Chain Corporation. Bracelet construction. 2,184,319; Dec. 26.
Schoeninger, John J., Forest Hills, Long Island, N. Y. Link. 2,167,491; July 25.
Schoenky, August R., Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Holding shoe uppers in lasted position. 2,158,203; May 16.
Schoenlaub, Elmer J., Marion, Ohio. Garment sacker. 2,168,962; Aug. 8.
Schoenleber, Lawrence H., Clarinda, Iowa. Grade meter. 2,170,269; Aug. 22.
Schoenling, Edward H., Cincinnati, Ohio. Hair waving device. 2,155,282; Apr. 18.
Schoenmaker, Pieter, assignor to Willem Smit & Co's Transformatorenfabriek, Nijmegen, Netherlands. Welding rod. 2,152,286; Mar. 28.
Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Building Co., Cincinnati, Ohio. Air conditioning apparatus for railway vehicles. 2,143,284; Jan. 10.
Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Building Co., Cincinnati, Ohio. Magnetic track brake. 2,161,684; June 6.
Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Building Company, Cincinnati, Ohio. Apparatus for shock absorbers for articulated trunnions. 2,161,685; June 6.
Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Building Co., Cincinnati, Ohio. Air conditioning apparatus for railway vehicles. 2,161,686; June 6.
Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Building Company, Cincinnati, Ohio. Apparatus for maintaining adjacent railway cars on a level plane. 2,161,687; June 6.
Schoepf, Theodore H., and D. M. Ritchie, assignors to The Cincinnati Traction Building Co., Cincinnati, Ohio. Magnetic track brake system. 2,176,748; Oct. 17.
Schoepfle, Karl C. (See Weatherhead, A. J., Jr., and Schoepfle.)
Schoessow, Earl E. (See Fletcher, J., and Schoessow.)
Schofield, Earl L., assignor to Henny Motor Company, Freeport, Ill. Casket skid plate for hearses. 2,143,285; Jan. 10.
Schofield, Earl L., assignor to Henney Motor Company, Freeport, Ill. Casket table for hearses. 2,171,071; Aug. 29.
Schofield, Martha M., administratrix. (See Schofield, Stanley T.)
Schofield, Martha M., administratrix. (See Schofield, S. T., and Frakes.)
Schofield, Ralph M., West Medford, Mass. Camera periscope. 2,165,512; July 11.
Schofield, Samuel T., Washington, D. C. Separable fastener. 2,174,140; Sept. 26.
Schofield, Stanley T., deceased; M. M. Schofield, administratrix, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,154,533; Apr. 18.
Schofield, Stanley T., deceased (by M. M. Schofield, administratrix), and J. H. Frakes, Wilkinsburg, assignors, to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupting device. 2,172,225; Sept. 5.
Scholander, Axel. (See Moecker, H., Jr., Lotter, Scholander, and Brumbaugh.)
Scholander, Per F., Oslo, Norway. Method and apparatus for carrying out respiration analyses. 2,172,038; Sept. 5.
Scholder, Rudolf, Karlsruhe, Germany. Extraction of bauxite and other aluminum containing substances. 2,181,669; Nov. 28.
Scholl, Clark, assignor to The Steel Products Engineering Company, Springfield, Ohio. Power transmission mechanism. 2,145,943; Feb. 7.
Scholl, Elwood L., Detroit, Mich., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Bonding resilient rubber. 2,165,818; July 11.
Scholl, Frank J., London, England, assignor to The Scholl Mfg. Co., Inc., Chicago, Ill. Guard for finger and toe nail clippers. 2,146,132; Feb. 7.
Scholl, Harry S., Chicago, Ill., assignor to F. H. Hill Company, Inc., Cleveland, Ohio. Casket. 2,157,308; May 9.
Scholl Manufacturing Company Limited, The. (See Thornton-Morris, George, assignor.)
Scholl, Marshal P. (See Robbins, S. B., and Scholl.)
Scholl Mfg. Co., The. (See Scholl, Frank J., assignor.)
Scholl Mfg. Co., The. (See Scholl, W. M., and Stark, assignors.)
Scholl, Samuel M., Lookeba, assignor of one-half to A. L. Poore, Lookeba, Okla. Card selecting, separating, and presenting device. 2,148,409; Feb. 21.
Scholl, William M., Chicago, Ill. Metatarsal gauge. 2,148,649; Feb. 28.
Scholl, William M., Chicago, Ill. Metatarsal gauge. 2,148,650; Feb. 28.
Scholl, William M., Chicago, Ill. Foot-relief pad. 2,148,882; Feb. 28.
Scholl, William M., and H. E. Stark, assignors to The Scholl Mfg. Co., Inc., Chicago, Ill. Metatarsal gauge. 2,148,651; Feb. 28.
Schöllkopf, Karl. (See Feldt, A., Schöllkopf, and Schmitz.)
Scholtes, Albert J., Baltimore, Md. Spread tongue hose coupling. 2,147,353; Feb. 14.
Scholtes, Albert J., Baltimore, Md. Contractible ring hose coupling. 2,147,354; Feb. 14.
Scholtes, Albert J., Baltimore, Md. Permanent hose coupling. 2,147,355; Feb. 14.
Scholtes, Albert J., Baltimore, Md. Contracted sleeve hose coupling. 2,147,356; Feb. 14.
Scholtes, Albert J., Baltimore, Md. Multiple disk expansion anchor. 2,147,357; Feb. 14.
Scholtes, Albert J., Baltimore, Md. Hose coupling. 2,179,200; Nov. 7.
Scholz, Caesar. (See Miescher, K., and Scholz.)
Scholz, Erich, Grotzingen, assignor to Deutsche Waffen-und Munitionsfabricken Aktiengesellschaft, Berlin-Charlottenburg, Germany. Detonating compositions. 2,163,498; June 20.
Scholz, Frank, Cambridge, Mass. X-ray apparatus. 2,184,962; Dec. 26.
Scholz, Herman A., Oak Park, assignor to United States Gypsum Company, Chicago, Ill. Casein paint composition. 2,154,362; Apr. 11.
Scholz, Herman A., Oak Park, and A. Adams, assignors to United States Gypsum Company, Chicago, Ill. Calcimine. 2,177,154; Oct. 24.
Scholz, Herman A., Oak Park, assignor to United States Gypsum Company, Chicago, Ill. Oil paint for wet surfaces. 2,183,227; Dec. 12.
Scholz, Max, Wilhelmshagen, near Berlin, and A. Wagenitz, assignors to H. Heine, Berlin, Germany. Protecting wooden propellers. 2,161,533; June 6.
Scholz, Paul, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Making electrical contacts. 2,154,288; Apr. 11.
Scholz, Rudolph C., assignor to Henry Owens & Company, Inc., Providence, R. I. Trapping or cutting device for use in twisting, winding, spinning, doubling, or like machines. 2,153,436; Apr. 4.
Scholz, William, Scappoose, Oreg. Farm cultivator. 2,144,275; Jan. 17.
Schon, Matthew, assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Hot metal coating process. 2,156,607; May 2.
Schon, Matthew, and H. C. Be Ment, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Refractory and making same. 2,156,608; May 2.
Schönander, Nils G., Stockholm, Sweden. X-ray tube. 2,154,998; Apr. 18.
Schönander, Nils G., and S. H. Ledin, Stockholm, Sweden. X-ray screening diaphragm. 2,143,799; Jan. 10.
Schöne, Alfred, Berlin-Tempelhof, and F. Troeltsch, Berlin-Siemensstadt, assignors to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Variable inductance device. 2,177,842; Oct. 31.
Schonfarber, Gordon, Pawtucket, assignor to Lanpher & Schonfarber Inc., Providence, R. I. Curtain. 2,178,437; Oct. 31.
Schönfeld, Paul, Chemnitz, Germany. Manufacture of warp goods provided with rubber threads. 2,149,031; Feb. 28.
Schönfeld, Paul, Chemnitz, Germany. Production of plain warp goods. 2,149,032; Feb. 28.
Schönfeld, Paul, Chemnitz, Germany. Warp goods provided with rubber threads. 2,153,645; Apr. 11.
Schönfeld, Paul, Chemnitz, Germany. Warp goods. 2,183,108; Dec. 12.
Schonitzer, Rudolph I., Shaker Heights, Ohio. Door holding and door control mechanism. 2,156,874; May 2.
Schonitzer, Rudolph I., Shaker Heights, Ohio. Combined door-checking and door-holding device. 2,166,970; July 25.
Schonitzer, Rudolph I., Shaker Heights, Ohio. Combined door-holding and door-checking device. 2,176,641; Oct. 17.
Schonitzer, Rudolph I., Shaker Heights, Ohio. Door check. 2,184,201; Dec. 19.
Schonwald, William. (See Davis, W. E., and Schonwald.)
Schonwald, William, assignor to Middleby-Marshall Oven Co., Chicago, Ill. Tray leveling device. 2,161,750; June 6.
Schonwald, William, assignor to Middleby-Marshall Oven Co., Chicago, Ill. Secondary air intake for gas burners. 2,167,856; Aug. 1.
Schoonenberg, Pancras, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electron discharge device. 2,171,226; Aug. 29.
Schoonenberg, Pancras J., and J. J. Hardenberg, Eindhoven, assignors to N. V. Maatschappij tot Exploitatie van Uitvindingen, Rotterdam, Netherlands. Automatic glass blowing machine. 2,153,485; Apr. 4.
Schopmeyer, Irwin E., assignor of one-half to E. M. Dilley, Clermont, Fla. Crate. 2,158,256; May 16.
Schor, Joseph. (See Skoverski, John R., assignor.)
Schorch Werke A. G. (See Lohsse, Wilhelm, assignor.)

Schori Process Corporation. (See Lumb, Charles F., assignor.)
Schorn, Helmut, Dillingen-Saar, and C. V. Daumas, Dusseldorf, Germany, assignors to N. V. "Agratherm", Amsterdam, Netherlands. Manufacturing starch products. 2,177,378; Oct. 24.
Schorn, Helmut, Dillingen-Saar, and C. V. Daumas, Dusseldorf, Germany, assignors to N. V. "Agratherm", Amsterdam, Netherlands. Process and means for drying starch. 2,180,968; Nov. 21.
Schorsch, Ignaz, Prague, Czechoslovakia. Carburetor for internal combustion engines. 2,150,081; Mar. 7.
Schossberger, Arthur J. (See Leissner, Edward E., assignor.)
Schott, Charles W., Duquesne, Pa. Treatment of slag. 2,149,688; Mar. 7.
Schott, Earl S., Cincinnati, Ohio. Electrical outlet and plug. 2,180,020; Nov. 14.
Schott, John E. (See Steffen, E. M., and Schott.)
Schott, Lionel, East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Indicating and measuring circuits. 2,152,709; Apr. 4.
Schott, Lionel, East Orange, and S. B. Wright, South Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission circuit. 2,167,007; July 25.
Schottky, Walter, Berlin-Charlottenburg, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Thermonegative resistor. 2,183,755; Dec. 19.
Schotz, Otto W. (See Dunn, W. T., and Schotz.)
Schrader, Arthur W., Longmont, Colo. Dispensing head for collapsible tubes. 2,143,661; Jan. 10.
Schrader, Charles C. (See Claxton, E., Schrader, and Swarr.)
Schrader, Gerhard. (See Schweitzer, H., Bayer, and Schrader.)
Schrader, Gerhard, and O. Bayer, Leverkusen-I. G. Werk, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Dialkylaminophosphorus fluorides and preparing the same. 2,146,356; Feb. 7.
Schrader, Hans. (See Houdremont, E., and Schrader.)
Schrader, Harold J. (See Diehl, W. F., and Schrader.)
Schrader, Harold J., Haddon Heights, N. J., assignor to Radio Corporation of America. Oscillograph apparatus. 2,162,827; June 20.
Schrader, Herbert. (See Plumb, W. G., and Schrader.)
Schrader, Herbert, Wheeling, W. Va., assignor to Continental Can Company, Inc., New York, N. Y. Solderless side seam for sheet metal containers. 2,171,714; Sept. 5.
Schrader's, A., Sons, Incorporated. (See Williams, Selden T., assignor.)
Schramm, Carl, North Coventry, assignor to The Smyth Manufacturing Company, Hartford, Conn. Machine for creasing the joints of books. 2,151,991; Mar. 28.
Schramm, Carl, North Coventry, assignor to The Smyth Manufacturing Company, Hartford, Conn. Treating unbound books. 2,163,812; June 27.
Schramm, Charles W., Nutley, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cross-talk measurement. 2,173,183; Sept. 19.
Schramm, Edward, assignor to Onondaga Pottery Company, Syracuse, N. Y. Producing colored flatware. 2,174,198; Sept. 26.
Schramm, Frederick C., New Orleans, La., assignor of thirty-one two hundred fifty-seconds to A. J. Marciante, thirty-one two hundred fifty-seconds to V. Manate, thirty-one two hundred fifty-seconds to J. C. Hare, thirty-one two hundred fifty-seconds to P. Ciaccio, thirty-one two hundred fifty-seconds to D. Ciaccio, thirty-one two hundred fifty-seconds to P. J. Ciaccio, and sixty-six two hundred fifty-seconds to Koch Co., Inc. Method and apparatus for sorting or classifying solids. 2,144,418; Jan. 17.
Schramm, Henry W., assignor to Surface Combustion Corporation, Toledo, Ohio. Air heater. 2,150,345; Mar. 14.
Schramm, Incorporated. (See Gustafson, Alfred N., assignor.)
Schrank, Max C., Bridgeton, N. J. Slip. 2,143,718; Jan. 10.
Schrauth, Walther, Berlin-Dahlem, Germany, assignor, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland. Superfatted soap. 2,157,022; May 2.
Schrauth, Walther, Berlin-Dahlem, Germany, assignor, by mesne assignments, to Unichem Chemikalien Handels A.-G., Zurich, Switzerland. Sulphonated and acetylated alcohols and hydroxy acids, and sulphonated and hydrolyzed derivatives thereof. 2,163,133; June 20.
Schrauth, Walther, Berlin-Dahlem, assignor to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Reclaiming mineral oils. 2,163,563; June 20.
Schrauth, Walther, Berlin-Dahlem, and K. Stickdorn, Dessau-Rosslau Anhalt, assignors to Deutsche Hydrieriwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Emulsions. 2,164,723; July 4.
Schrauth, Walther, Berlin-Dahlem, and E. Schirm, Dessau, Germany, assignors, by mesne assignments, to "Unichem" Chemikalien Handels A.-G., Zurich, Switzerland. Producing sulphonic acids and salts thereof. 2,171,117; Aug. 29.
Schreck, Edwin J., assignor to Badger Glove & Mitten Co., Milwaukee, Wis. Slipper. 2,160,756; May 30.
Schreiber-Gastell, Richard. (See Formhals, Anton, assignor.)
Schreiber, Oscar R., Los Angeles, Calif. Bumper for automobiles and the like vehicles. 2,179,431; Nov. 7.
Schreiber, Rudolph E., Chicago, Ill. Line securing device. 2,164,949; July 4.
Schreiber, William, assignor to The Atlantic Refining Company, Philadelphia, Pa. Lubricant. 2,160,915; June 6.
Schreinemachers, Willem J. H., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Secondary electron emitter and making it. 2,171,227; Aug. 29.
Schreiner, Louis R., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Grounding device for coaxial conductor lines. 2,183,945; Dec. 19.
Schrem, William. (See Gallagher, Clarence D., assignor.)
Schreter, Adolf, Baltimore, Md. Necktie. 2,142,618; Jan. 3.
Schrey, Adolf, Dresden, Germany. Device for and method of treating fabrics and yarns. 2,174,013; Sept. 26.
Schreyer, Edward P., Brooklyn, N. Y. Electric iron and dampener. 2,178,512; Oct. 31.
Schrick, Paul. (See McGovern, E. M., and Schrick.)
Schrier, Harold D., Kalamazoo, Mich. Container. 2,164,354; July 4.
Schriever, Otto, and W. Federmann, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Separately controlled relaxation oscillator. 2,146,769; Feb. 14.
Schrock, Eugene B., assignor to The Buckeye Steel Castings Company, Columbus, Ohio. Striking casting and coupler carrier for railway use. 2,147,859; Feb. 21.
Schröder, Heinrich, Budapest, Hungary. Shoe. 2,163,158; June 20.
Schröder, Heinrich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Ball bearing and balls of ceramic materials. 2,158,156; May 16.
Schröder, Heinrich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Remote control device. 2,183,724; Dec. 19.
Schröder-Nielsen, Thorolf, Horten, Norway. Closure for bottles and the like. 2,161,097; June 6.
Schroeder, Arthur, Philadelphia, Pa. Powder receptacle. 2,146,487; Feb. 7.
Schroeder, Arthur C., Chicago Heights, Ill. Accounts register. 2,168,001; Aug. 1.
Schroeder, Arthur C., Syracuse, N. Y., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Weighing machine. 2,157,577; May 9.
Schroeder, Carl, Cleveland, Ohio. Toe cap for toe dancing shoes. 2,165,581; July 11.
Schroeder, Carl J., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Apparatus for liquid level indicators. 2,147,270; Feb. 14.
Schroeder, Charles, Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Puller. 2,165,984; July 11.
Schroeder, Charles S., Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Wheel mounting. 2,169,167; Aug. 8.
Schroeder, Charles S., Philadelphia, Pa., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Lifting truck. 2,173,068; Sept. 12.
Schroeder, Emerson F., Pekin, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Tabling mill starch. 2,154,078; Apr. 11.
Schroeder, Ernest R., Hawthorne, N. J., assignor to American Car and Foundry Company, New York, N. Y. Adjustable pivot member for swinging doors. 2,184,532; Dec. 26.
Schroeder, Gerhard, Isleworth, England, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Arc welding machine. 2,147,461; Feb. 14.
Schroeder, Herman R., Jacksonville, Fla. Closure for collapsible tubes. 2,146,993; Feb. 14.
Schroeder, John A., Dearborn, and C. F. Glaser, Detroit, Mich. Universal coupler. 2,179,432; Nov. 7.
Schroeder, John B., assignor to J. W. Silbaugh, Los Angeles, Calif. Control clock. 2,174,331; Sept. 26.
Schroeder, Lawrence R., Lakewood, and F. W. Cichoski, assignors to The Cleveland Cooperative Stove Company, Cleveland, Ohio. Concealed combination hinge, opening and closing, and limit stop device for doors. 2,180,552; Nov. 21.
Schroeder, Leslie R., South Hadley, assignor to American Tissue Mills, Holyoke, Mass. Composite sheet. 2,148,176; Feb. 21.
Schroeder, Louis J. (See Michel, James O., assignor.)
Schroedter, Edmund. (See Spetz, F. F., and Schroedter.)
Schroedter, Edmund, Baldwin, N. Y. Throttle control. 2,159,772; May 23.
Schroedter, Rolf, Mehlem-Rhine, Germany, assignor to L. Thirty, Huy, Belgium. Elastic joint or support. 2,179,959; Nov. 14.

Schroll, Franz, Mueckenberg, and A. Vogt, Kraftborn, assignors to Dr. Alexander Wacker Gesellschaft für Elektrochemische Industrie, G. m. b. H., Munich, Bavaria, Germany. Electrothermic production of boron carbide. 2,163,293; June 20.

Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron tube. 2,143,390; Jan. 10.

Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television scanner. 2,151,158; Mar. 21.

Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television scanner. 2,153,646; Apr. 11.

Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electro-optical signaling. 2,155,509; Apr. 25.

Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Circuit and series resistance for indirectly heated cathodes. 2,162,976; June 20.

Schröter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron beam converter. 2,175,573; Oct. 10.

Schroter, Fritz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television scanning apparatus. 2,176,190; Oct. 17.

Schröter, Fritz, M. Knoll, and B. Bartels, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television screen. 2,146,994; Feb. 14.

Schröter, Fritz, and M. Knoll, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray tube. 2,156,435; May 2.

Schröter, Hans. (See Schröter, Kurt and H.)

Schröter, Hans O. (See Schröter, Kurt and H. O.)

Schröter, Karl. (See Dawihl. W., and Schröter.)

Schröter, Kurt and H., Wechmar, Germany. Automatic brake for trailer vehicles. 2,145,406; Jan. 31.

Schröter, Kurt and H. O., Wechmar, Gothaland, Germany. Resilent mounting. 2,171,149; Aug. 29.

Schröter, Rudolf, Leverkusen-I. G. Werk, and W. Becker, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. High-molecular sulphur-containing plastics. 2,166,507; July 18.

Schroth, Jerome B., Santa Ana, Calif. Beach parasol anchor. 2,168,830; Aug. 8.

Schubardt, Walter. (See Schlecht, L., and Schubardt.)

Schubel, Donald C., Port Huron, assignor to Bert Easton, Brighton, Mich. Shipping crate. 2,155,688; Apr. 25.

Schuber, John, Syracuse, assignor to The Solvay Process Company, New York, N. Y. Bleaching wood pulp. 2,178,649; Nov. 7.

Schubert, Alvin E., assignor to Eastman Kodak Company, Rochester, N. Y. Sheet reversing mechanism. 2,143,800; Jan. 10.

Schubert, Alvin E., assignor to Eastman Kodak Company, Rochester, N. Y. Film gate for enlarging printers. 2,153,159; Apr. 4.

Schubert, Alvin E., assignor to Eastman Kodak Company, Rochester, N. Y. Film winding mechanism. 2,161,391; June 6.

Schubert, Alvin E., assignor to Eastman Kodak Company, Rochester, N. Y. Reversing arrangement for document reproducing machines. 2,165,418; July 11.

Schubert, Alvin E., assignor to Eastman Kodak Company, Rochester, N. Y. Film winding and gate opening mechanism. 2,165,419; July 11.

Schubert, Clarence K., Madison, Wis. Eye testing device. 2,161,936; June 13.

Schubert, Fritz F., and R. A. Schütze, assignors to Sächsische Textilmaschinenfabrik vorm. Rich. Hartmann, Aktiengesellschaft, Chemnitz, Germany. Mule spinning machine. 2,154,961; Apr. 18.

Schubert, Georg, Berlin-Zehlendorf, U. Knick, Steglitz, and E. Ruska, Spandau, assignors to the firm Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Electron discharge tube. 2,143,582; Jan. 10.

Schubert, Georg, Berlin-Zehlendorf, assignor to Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Modulation circuit using a multigrid photoelectric cell. 2,172,324; Sept. 5.

Schubert, Homer M., Salem, Oreg. Speed limiting device. 2,159,405; May 23.

Schubert, Julius, Sunnyside, N. Y. Connecting rod assembly for radial engines. 2,160,444; May 30.

Schubert, Max. (See Honold, E., and Schubert.)

Schuch, Frank, Knoxville, Tenn. Glare shield for headlights. 2,151,620; Mar. 21.

Schuchardt, Carl W. (See Cormack, John A., assignor.)

Schuchardt, Hans, Berlin, assignor to Askania-Werke A. G., Germany. Flight attitude indicator. 2,166,920; July 18.

Schuchat, Jonas, Chicago, Ill. Protective display wrapping. 2,162,644; June 13.

Schuchat, Jonas, Chicago, Ill. Commodity wrapper. 2,173,919; Sept. 26.

Schuck, John F. (See Brenneis, L., Najera, and Schuck.)

Schueler, Julian L., assignor to Continental Steel Corporation, Kokomo, Ind. Woven wire fencing. 2,148,380; Feb. 21.

Schuerlein, Alois, Detroit, Mich. Reminder card. 2,155,332; Apr. 18.

Schuessler, Albert G., and R. W. Leslie, El Dorado, Kans., assignors to Skelly Oil Company, Tulsa, Okla. Method and apparatus for contacting immiscible liquids. 2,176,806; Oct. 17.

Schuessler, Carl F., Chicago, Ill. Knitting machine. 2,150,730; Mar. 14.

Schuessler, L. Ray. (See Hamilton, Francis C., assignor.)

Schuessler, Walter E., Chicago, Ill. Knitted helmet. 2,178,941; Nov. 7.

Schuette, Fred H., Des Moines, Iowa. Baby support for bathtubs. 2,177,998; Oct. 31.

Schuette, Hermann, Mannheim, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing condensation products having tanning action. 2,179,800; Nov. 14.

Schuette, Hermann, Mannheim, and M. Wittwer, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Condensation products derived from carboxylic acids and producing them. 2,174,760; Oct. 3.

Schuette, Hermann, Mannheim, and M. Wittwer, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Condensation products derived from hydroxy compounds and producing them. 2,174,761; Oct. 3.

Schuette, Hermann, Mannheim, and M. Wittwer, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Condensation products derived from amines and producing them. 2,174,762; Oct. 3.

Schuetz, Clyde C. (See Slisz, T. B., and Schuetz.)

Schuetz, Clyde C., assignor to United States Gypsum Company, Chicago, Ill. Heat insulation. 2,179,057; Nov. 7.

Schuetz, Clyde C., and F. B. Burns, assignors to United States Gypsum Company, Chicago, Ill. Random thatch roof construction. 2,171,010; Aug. 29.

Schuftan, Paul, Hollriegelskreuth, near Munich, Germany, assignor to The Linde Air Products Company. Separation of gaseous mixtures. 2,144,692; Jan. 24.

Schuftan, Paul, Hollriegelskreuth, near Munich, and F. Steinbacher, Munich, assignors of one-half to Gesellschaft für Linde's Eismaschinen A.-G., Wiesbaden, and one-half to G. A. Krause, Hollriegelskreuth, near Munich, Germany. Separating a liquid into constituent parts. 2,180,553; Nov. 21.

Schuh, Charles, Brooklyn, assignor, by mesne assignments, to Bakelite Building Products Co., Inc., New York, N. Y. Producing compressed products. 2,156,309; May 2.

Schuh, Charles, Brooklyn, N. Y., assignor, by mesne assignments, to Bakelite Building Products Co., Inc. Asbestos cement shingle and making the same. 2,156,310; May 2.

Schuh, Charles H., Ridgewood, assignor, by mesne assignments to Bakelite Building Products Co., Inc., New York, N. Y. Manufacturing cement-fibrous products. 2,156,308; May 2.

Schuh, Charles H., Brooklyn, assignor to Bakelite Building Products Co., Inc., New York, N. Y. Cement fiber product. 2,156,311; May 2.

Schuh, Heinrich J., Zwickau, and W. Boxan, Chemnitz, assignors to Auto Union Aktiengesellschaft, Chemnitz, Germany. Springing arrangement for vehicles. 2,166,880; July 18.

Schuhmacher, Elmer J., Waterloo, Iowa. Garter fastener. 2,163,521; June 20.

Schuhmann, Hans, Berlin-Frohnau, Germany, assignor to General Electric Company. Electric circuit interrupter. 2,142,861; Jan. 3.

Schuhmann, Richard L. (See Adams, D. W., and Schuhmann.)

Schuknecht, Walter C., and G. N. Jagemann, assignors to Eastman Manufacturing Company, Manitowoc, Wis. Hose protector. 2,166,448; July 18.

Schukraft, Fred M., Oak Park, Ill. Method of and apparatus for packaging liquids. 2,158,837; May 16.

Schul, Max. (See Radelet, F., and Schul.)

Schülein, Curt, Bopfingen, Wurttemberg, Germany. Adhesive for linoleum and the like floor coverings. 2,154,872; Apr. 18.

Schulenberg, Frederick H., assignor of one-half to B. Hibbard, Lima, Ohio. Toy. 2,158,432; May 16.

Schuler, George, Woodside, N. Y. Window construction. 2,165,943; July 11.

Schuler, John G., Dutton, Mont. Pencil sharpener. 2,181,285; Nov. 28.

Schüler, Hugo, Chemnitz, assignor to Wanderer-Werke vorm. Winklhofer & Jaenicke Akt.-Ges., Schonau-Chemnitz, Germany. Line-spacing mechanism. 2,174,064; Sept. 26.

Schuler, L., A. G. (See Achtermann, O., and Schiller, assignors.)

Schuler, L., A. G. (See Müller, Hugo, assignor.)

Schulman, Abraham, Bellaire, Ohio. Nonslip attachment for shoes. 2,175,034; Oct. 3.

Schulman, Albert, Philadelphia, Pa. Bedspring cover. 2,159,535; May 23.

Schuloff, Saul, Baltimore, Md. Valve diaphragm. 2,160,757; May 30.

Schulse, Herman E., Miami, Fla. Brew cooling. 2,181,710; Nov. 28.

Schulte, Clifford L. (See Graf, A. J., and Schulte.)

Schulte, George A., assignor to Health-Glo Laboratories, Inc., New York, N. Y. Cabinet bath apparatus. 2,158,681; May 16.
Schulte, Robert W., Oklahoma City, Okla. Nursing nipple. 2,143,719; Jan. 10.
Schulte, Walter B., Madison, Wis., assignor, by mesne assignments, to Micro Switch Corporation, Freeport, Ill. Illuminating device. 2,156,462; May 2.
Schulte, Walter B., Madison, Wis., assignor, by mesne assignments, to Micro Switch Corporation, Freeport, Ill. Illuminating device. 2,156,463; May 2.
Schultheiss, Hans, Weissenstadt, Germany. Nail extractor. 2,151,304; Mar. 21.
Schultheiss, John P., assignor to R. F. Simmons Company, Attleboro, Mass. Wrist-watch strap, band, or the like. 2,165,115; July 4.
Schultis, Carl T. (See Schindhelm, H., and Schultis.)
Schultis, Carl T., Bergen, near Frankfort-on-the-Main, and E. Korten, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Mono-azo acid wool dyestuff. 2,150,787; Mar. 14.
Schultis, Carl T., Bergen, near Frankfort-on-the-Main, and E. Korten, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Acid wool dyestuffs. 2,184,948; Dec. 26.
Schultis, Charles F., assignor to Globe Valve Corporation, Cleveland, Ohio. Waste fitting. 2,163,453; June 20.
Schultz, Albert, assignor to Boyar-Schultz Corporation, Chicago, Ill. Lap. 2,146,195; Feb. 7.
Schultz, Alfred, and L. Atkin, New York, and C. N. Frey, Scarsdale, assignors to Standard Brands, Incorporated, New York, N. Y. Preparation of an enzymic material. 2,159,678; May 23.
Schultz, Charlie F., Belle Plaine, Minn. Burgler alarm switch. 2,150,873; Mar. 14.
Schultz, Edward H., Jr., Chicago, Ill. Caster wheel brake. 2,147,064; Feb. 14.
Schultz, Edward H., assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Spindle pin remover. 2,158,433; May 16.
Schultz, Edward H., assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Straightening tool. 2,166,373; July 18.
Schultz, Frank, Martinsville, N. J. Sanitary continuous-flow article holder. 2,164,258; June 27.
Schultz, Harold K., Brooklyn, and W. F. Speagle, Berea, Ohio. Clothespin. 2,153,486; Apr. 4.
Schultz, Hermann, Frankfort-on-the-Main, Germany. Sandglass. 2,144,857; Jan. 24.
Schultz, John, New Britain, Conn. Automatic draft regulator. 2,184,228; Dec. 19.
Schultz, John A., Jr., deceased, Toledo (by M. T. Schultz, executrix, Ottawa Hills), and J. A. Zapf, assignors to Schultz Machine Company, Toledo, Ohio. Apparatus for casting metals. 2,173,377; Sept. 19.
Schultz, Louis, and A. E. Maage, Jr., assignors to Sunlite Mfg. Company, Milwaukee, Wis. Dispenser. 2,142,827; Jan. 3.
Schultz Machine Company. (See Schultz, J. A., Jr., and Zapf, assignors.)
Schultz, Mary T., executrix. (See Schultz, J. A., Jr., and Zapf.)
Schultz, Oswald R., New York, N. Y., assignor to Cellu-Type Plate Co., Inc., Union City, N. J. Printing. 2,153,597; Apr. 11.
Schultz, Paul I., and J. J. Pelouch, Cleveland, Ohio, assignors to the United States Air Compressor Company. Housing for flexible members. 2,184,363; Dec. 26.
Schultz, Raymond J., assignor to Madison-Kipp Corporation, Madison, Wis. Die casting machine. 2,161,534; June 6.
Schultz, Robert, New Liepzig, N. Dak. Magazine gun. 2,143,331; Jan. 10.
Schultz, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Loud-speaker support. 2,154,705; Apr. 18.
Schultz, Solomon E., Bogota, N. J., assignor to Ward Leondard Electric Company. Electric controlling apparatus. 2,171,996; Sept. 5.
Schultz, William. (See Heilmann, W. A., and Schultz.)
Schultz, William J., and E. Pedersen, Chicago, Ill. Wheel rim refinishing machine. 2,150,462; Mar. 14.
Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Fuse construction. 2,145,375; Jan. 31.
Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Vertical drop-out fuse. 2,151,159; Mar. 21.
Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Fuse construction. 2,158,638; May 16.
Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Fuse construction. 2,165,156; July 4.
Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Fuse construction. 2,168,586; Aug. 8.
Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Fuse construction. 2,178,650; Nov. 7.
Schultz, William O., assignor to Line Material Company, South Milwaukee, Wis. Fuse. 2,179,759; Nov. 14.
Schultz, William O., South Milwaukee, and A. G. Steinmayer, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Housed type of repeating drop-out fuse. Re. 21,254; Oct. 31.
Schultz, William O., South Milwaukee, and A. G. Steinmayer, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Switch construction. 2,149,365; Mar. 7.
Schultz, William O., South Milwaukee, and A. G. Steinmayer, Milwaukee, assignors to Line Material Company, South Milwaukee, Wis. Combined switch and fuse. 2,176,227; Oct. 17.
Schultze, Paul, assignor to Doran Bros., Inc., Danbury, Conn. Hat-brim flanging machine. 2,161,434; June 6.
Schultze, Paul, assignor to J. C. Doran, doing business as Doran Brothers, Inc., Danbury, Conn. Pouncing machine and method of pouncing. 2,163,383; June 20.
Schultze, Werner. (See Heymer, G., and Schultze.)
Schulz, Alfred J. and H. H., Milwaukee, Wis. Christmas tree stand. 2,171,228; Aug. 29.
Schulz, Arthur P. (See Teller, J., and Schulz.)
Schulz Brothers Company. (See Kloid, H. W., and Schulz, assignors.)
Schulz, Georg. (See Balle, G., and Schulz.)
Schulz, Georg. (See Koch, E., Schulz, and Eckelmann.)
Schulz, Gustav O., Portland, Oreg. Apparatus for mining submerged precious metals. 2,144,743; Jan. 24.
Schulz, Herbert H. (See Schulz, Alfred J. and H. H.)
Schulz, Hermann. (See Frankenburger, W., and Schulz.)
Schulz, Hermann, Mainz-Mombach, Germany. Production of volatile fatty acid anhydrides. 2,163,013; June 20.
Schulz, Otto A. H., Goteborg, Sweden. Book and the like index. 2,142,460; Jan. 3.
Schulz, Otto F. (See Kloid, H. W., and Schulz.)
Schulz, Otto F., Berlin-Wilmersdorf, Germany. Production of polymethin dyestuffs. 2,156,464; May 2.
Schulz, Reinhold E. C. (See Berndt, H. R., and Schulz.)
Schulz, Reinhold E. C., Berlin-Spandau, assignor to Auto Union Aktiengesellschaft, Chemnitz, Germany. Vehicle body. 2,167,376; July 25.
Schulz, Rudolf, Chemnitz-Siegmar, assignor to Biernatzki & Co., Chemnitz, Germany. Control device for machine tools. 2,153,101; Apr. 4.
Schulz, Walter F. (See Kahn, J., and Schulz.)
Schulz, Walter F., assignor to Truscon Steel Company, Youngstown, Ohio. Dowel means for expansion joints. 2,152,751; Apr. 4.
Schulz, Walter F., Shaker Heights, assignor of one-half to J. Kahn, Cleveland, Ohio. Automatic phonograph. 2,182,739; Dec. 5.
Schulze-Alsen, Hans, Berlin, Germany, assignor of one-third to Pollopas Patents Ltd., London, England. Illuminated sign. 2,146,856; Feb. 14.
Schulze, Ernest G., Jersey City, N. J. Machine for grinding or sharpening edge tools. 2,153,275; Apr. 4.
Schulze, Gustav A., Brevard, N. C. Mapping device. 2,157,634; May 9.
Schulze, Henry L., administrator. (See Ridler, E. S., and Schulze.)
Schulze, Henry L., administrator. (See Schulze, John F. W.)
Schulze-Herringen, Erich. (See Gerth, F., and Schulze-Herringen.)
Schulze-Herringen, Erich, Berlin-Tempelhof, Germany, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof (Germany), Lorenzweg. Modulation system for radio transmitters. 2,161,320; June 6.
Schulze, John E., assignor, by mesne assignments, to Red River Refining Company, Chicago, Ill. Apparatus for distilling petroleum oils. 2,166,374; July 18.
Schulze, John F. W. (See Ridler, E. S., and Schulze.)
Schulze, John F. W., deceased, Cleveland, Ohio, by H. L. Schulze, administrator, Yonkers, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Forming agglomerates. 2,164,950; July 4.
Schulze, Richard, Berlin-Mariendorf, Germany, assignor to General Electric Company. Hard solder. 2,149,103; Feb. 28.
Schulze, Theodore, Cleveland, Ohio. Coffee brewer. 2,162,033; June 13.
Schulze, Walter, assignor to Allgemeine Elektricitatz Gesellschaft, Berlin, Germany. Insulation of magnetic powder for mass cores, in particular for high frequency purposes. 2,162,273; June 13.
Schulze, Walter A., assignor to Phillips Petroleum Company, Bartlesville, Okla. Treatment of hydrocarbons. 2,151,721; Mar. 28.
Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treating hydrocarbons. 2,162,319; June 13.
Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treating hydrocarbon oil. 2,163,312; June 20.
Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbon oils. 2,167,602; July 25.
Schulze, Walter A., Bartlesville, Okla., assignor to Phillips Petroleum Company. Treatment of hydrocarbons. 2,183,591; Dec. 19.
Schulze, Walter A., and G. G. Oberfell, Bartlesville, Okla., assignors to Phillips Petroleum Company. Motor fuel. 2,149,033; Feb. 28.
Schumacher, Earle E. (See Bouton, G. M., and Schumacher.)

Schumacher, Elmer L., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,157,247; May 9.
Schumacher, Erwin A. (See Heise, G. W., and Schumacher.)
Schumacher, Erwin A., Lakewood, and G. W. Heise, Rocky River, Ohio, assignors to National Carbon Company. Primary cell. 2,180,839; Nov. 21.
Schumacher, Henry, W. M. Perry, and L. J. De Lanty, assignors to Sperry Products, Inc., Brooklyn, N. Y. Rail flaw detector mechanism. 2,170,977; Aug. 29.
Schumacher, James H., and W. C. George, Ventura, Calif. Direction control mechanism for well drilling tools. 2,153,680; Apr. 11.
Schumacher, Joseph C., La Salle, Ill., assignor to Carus Chemical Company. Purification of benzoquinone. 2,144,433; Jan. 17.
Schumacher, Joseph E., Van Nuys, Calif. Element of building construction. 2,154,053; Apr. 11.
Schumacher, Willy. (See Kracker, H., Scherer, Müller, and Schumacher.)
Schumacher, Willy, and P. Heimke, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Monoarylides of aromatic dicarboxylic acid halides. 2,159,605; May 23.
Schumag Schumacher Metallwerke Aktiengesellschaft. (See Thyssen, Conrad, assignor.)
Schuman, Fred, McGregor, Mich. Single dial tension for bass drums. 2,173,443; Sept. 19.
Schumann, Rinehart, asignor to Tropic-Aire, Incorporated, Minneapolis, Minn. Windshield defroster. 2,142,659; Jan. 3.
Schumann, Robert, Dusseldorf, Germany. Small electric machine tool. 2,170,036; Aug. 22.
Schumann, William H., assignor to Fly Fish Kit Company, Kent, Ohio. Fishing lure. 2,169,929; Aug. 15.
Schumpelt, Karl, Union, and E. O. Liebig, Arlington, N. J., assignors to Baker & Company, Inc. Forming amalgam films on amalgam alloys. 2,143,959; Jan. 17.
Schumpert, Harry L., assignor of two-thirds to J. B. Orders, Greenville, S. C. Reclining chair. 2,170,509; Aug. 22.
Schunack, Johannes, Berlin-Charlottenburg, assignor to the firm of Fernseh Aktiengesellschaft, Zahlendorf, near Berlin, Germany. Producing rectangular shaped synchronizing impulses. 2,160,522; May 30.
Schunck, Herman. (See Schneider, K., and Schunck.)
Schundler, F. E., & Co. (See Denning, Paul S., assignor.)
Schünemann, Heinrich, Berlin-Spandau, assignor, by mesne assignments, to Haus Neuerburg, Köln Zweig der H. F. and Ph. F. Reemstsma, Cologne, Germany. Method and apparatus for making rip seals for packages. 2,145,781; Jan. 31.
Schunk, Joseph, assignor to The National Lock Washer Company, Newark, N. J. Compensating hinge for car window structures. 2,162,463; June 13.
Schunk, Joseph, assignor to The National Lock Washer Company, Newark, N. J. Window construction. 2,177,462; Oct. 24.
Schunk, Joseph, assignor to The National Lock Washer Company, Newark, N. J. Car or bus window construction. 2,177,463; Oct. 24.
Schunk, Joseph, assignor to The National Lock Washer Company, Newark, N. J. Window sash operating means. 2,177,464; Oct. 24.
Schupbach, Louis A., Waterbury, Conn. Automobile license holder. 2,147,560; Feb. 14.
Schupbach, Rene M., Edgewood, assignor to Freeman Daughaday Company, Providence, R. I. Cuff link. 2,177,443; Oct. 24.
Schupp, Paul, Berlin-Lichterfelde, and F. Wilke, Berlin-Siemensstadt, assignors to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Electrical condenser with dielectric of polymeric material. 2,177,266; Oct. 24.
Schupp, Theodore M., Richfield Township, Summit County, Ohio. Abrading tool. 2,168,497; Aug. 8.
Schupp, Wilhelm, Berlin, Germany, assignor of one-third to P. A. Hennig, Hohokus, N. J., and one-third to S. Koppel, New York, N. Y. Producing a screened work copy of an original to be reproduced. 2,145,995; Feb. 7.
Schupp, Wilhelm, Berlin, Germany, assignor of one-third to P. A. Hennig, Hohokus, N. J., and one-third to S. Koppel, New York, N. Y. Producing a screened work copy of an original to be reproduced. 2,145,996; Feb. 7.
Schuppner, Elmer, Des Plaines, assignor of one-half to D. V. O'Connell, Chicago, Ill. Rail joint. 2,156,312; May 2.
Schur, Milton O., assignor to Brown Company, Berlin, N. H. Manufacture of molded, waterlaid fiber articles. 2,159,638; May 23.
Schur, Milton O., assignor to Brown Company, Berlin, N. H. Artificial leather manufacture. 2,159,639; May 23.
Schur, Milton O., and F. W. Vogel, assignors to Brown Company, Berlin, N. H. Insole. 2,148,999; Feb. 28.
Schur, Milton O., and B. G. Hoos, assignors to Brown Company, Berlin, N. H. Fabric-reinforced artificial leather. 2,171,419; Aug. 29.
Schur, Milton O., and B. G. Hoos, assignors to Brown Company, Berlin, N. H. Manufacture of fabric-reinforced artificial leathers. 2,180,723; Nov. 21.
Schur, Nick P., Cleveland, Ohio. Trousers hanger. 2,156,031; Apr. 25.
Schürch, Arthur. (See Widmer, G., Haller, Landolt, and Schürch.)
Schuricht, Alfons G., Alton, and A. J. Hindrichs, assignors to Western Cartridge Company, East Alton, Ill. Ammunition. 2,144,780; Jan. 24.
Schurman, John, Highland Park, Mich., assignor to Albert Kahn, Inc. Expansion joint. 2,160,758; May 30.
Schürman, Max O. (See Zetzsche, W., Stix, Faber, and Schürman.)
Schürmann, Carl, Dusseldorf, Germany. Elastic coupling. 2,165,731; July 11.
Schurr, Charles H., assignor to The Lees-Bradner Company, Cleveland, Ohio. Cutting tool. 2,153,124; Apr. 4.
Schurr, Charles H., assignor to The Lees-Bradner Company, Cleveland, Ohio. Generating curved surfaces. 2,154,054; Apr. 11.
Schurr, Charles H., assignor to The Lees-Bradner Company, Cleveland, Ohio. Making power transmitting means. 2,154,055; Apr. 11.
Schurr, Charles H., assignor to The Lees-Bradner Company, Cleveland, Ohio. Power transmitting means. 2,181,307; Nov. 28.
Schurr, Charles H., assignor to The Lees-Bradner Company, Cleveland, Ohio. Chuck. 2,183,369; Dec. 12.
Schüssler, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Duplex communication apparatus. 2,152,329; Mar. 28.
Schustek, Roman, and E. Pakulla, assignors to Deutsche Edelstahlwerke Aktiengesellschaft, Krefeld, Germany. Ingot mold. 2,155,283; Apr. 18.
Schuster, Charles, Fords, assignor to Nixon Nitration Works, Nixon, N. J. Inlaid cellulose plastic bodies. 2,169,930; Aug. 15.
Schuster, Ervin A., Freeland, assignor to Freeland Spool and Bobbin Corp., Hazelton, Pa. Pin board. 2,171,101; Aug. 29.
Schuster, Fred F. (See MacLagan, A. R., and Schuster.)
Schuster, Hans, Immigrath, Niederrhein, Germany. Manufacturing annular disks. 2,154,534; Apr. 18.
Schuster, Karl. (See Rostin, H., and Schuster.)
Schutmaat, George W., Hamilton, Mich. Irrigation apparatus. 2,174,600; Oct. 3.
Schutt, Hermann C., Mount Vernon, N. Y., assignor, by mesne assignments to The Pure Oil Company, Chicago, Ill. Converting hydrocarbons. 2,157,220; May 9.
Schutt, Hermann C., North Tarrytown, N. Y., assignor to Gyro Process Company, Detroit, Mich. Treating hydrocarbon oils. 2,168,610; Aug. 8.
Schütte, Alfred, assignor to Maschinenfabrik Augsburg-Nurnberg A. G., Augsburg, Germany. Turbine driven blower. 2,173,595; Sept. 19.
Schütte, Alfred, assignor to Maschinenfabrik Augsburg-Nurnberg A. G., Augsburg, Germany. Turbine driven blower. 2,184,197; Dec. 19.
Schutte, August H., Westfield, N. J. Oil dewaxing. 2,168,140; Aug. 1.
Schutte, August H., Westfield, N. J. Separating wax. 2,168,141; Aug. 1.
Schutte, August H., Westfield, N. J. Separating wax. 2,168,142 Aug. 1.
Schutte, August H., Westfield, N. J. Oil dewaxing. 2,168,143; Aug. 1.
Schutte, August H., Westfield, N. J. Separating wax. 2,168,306; Aug. 1.
Schutte & Koerting Company. (See Decker, Howard H. assignor.)
Schuttig, Leonard A., Silver Spring, Md., assignor, by mesne assignments, to Bendix Radio Corporation, New York, N. Y. Electric discharge device systems. 2,173,315; Sept. 19.
Schutz, Adolph, Wurzen, Germany, assignor, by mesne assignments, to International Carbonic Engineering Company, Wilmington, Del. Apparatus for solidifying and pressing carbon dioxide and the like. 2,145,096; Jan. 24.
Schütz, Eberhard, Berlin-Steglitz, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Conversion system. 2,162,493; June 13.
Schütz, Edwin, Baden, Switzerland. Method and device for producing straight metal bars from centrifugally cast ingots. 2,175,574; Oct. 10.
Schutz, Harold R., Toledo, Ohio, assignor to Libbey Glass Company. Glass circulating apparatus. 2,154,535; Apr. 18.
Schutz, Harold R., Ottawa Hills, assignor to Libbey Glass Company, Toledo, Ohio. Gathering ram. 2,150,637; Mar. 14.
Schutz, Harold R., Toledo, Ohio, assignor to Libbey Glass Company. Tumbler-handling apparatus. 2,164,285; June 27.
Schutz, Harold R., Ottawa Hills, assignor to Libbey Glass Company, Toledo, Ohio. Banding articles. 2,167,589; July 25.
Schutz, Harold R., Toledo, Ohio, assignor to Libbey Glass Company. Banding apparatus. 2,170,610; Aug. 22.
Schutz, Konrad, Brooklyn, N. Y. Pipe. 2,181,496; Nov. 28.
Schütze, Richard A. (See Schubert, F. F., and Schütze.)
Schuyler, Andrew L., La Grange, and A. R. MacLagan, Western Springs, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Lock. 2,143,425; Jan. 10.

Schuyler, Garret L., A. C. Miles, U. S. Navy, and G. A. Chadwick, Washington Grove, Md. Bomb displacing gear. 2,177,673; Oct. 31.
Schuyler, Wilton S., Springfield, Ohio. Automatic auto safety circuit breaker. 2,171,457; Aug. 29.
Schuylkill Hosiery Mills, Inc. (See Fenstermacher, Clayton A., assignor.)
Schwab, Earl H. (See Warr, H. E., and Schwab.)
Schwab, Martin C., Chicago, Ill. Dispensing and packaging device for fluids. 2,156,313; May 2.
Schwab, Martin C., Chicago, Ill. Sterilized liquid dispensing device. 2,156,314; May 2.
Schwab, William. (See Drachenberg, H., and Schwab.)
Schwabach, Georg, Berlin-Charlottenburg, Germany. Device for removing ashes. 2,153,276; Apr. 4.
Schwabacher-Frey Company. (See Fulk, George L., assignor.)
Schwabacher, Gerhard P. (See Benander, G. B., and Schwabacher.)
Schwabacher, Gerhard P., Bridgeport, Conn., assignor to General Electric Company. Ribbon wiring. 2,158,867; May 16.
Schwabacher, Samuel L., Palo Alto, Calif. Lifeboat safety mounting. 2,182,265; Dec. 5.
Schwabe, Kurt, assignor to the firm of Kübler & Niethammer, Kriebstein, Post Waldheim in Saxony, and Chemische Fabrik Coswig-Anhalt G. m. b. H., Coswig in Anhalt, Germany. Production of pulp from highly resinous woods. 2,182,520; Dec. 5.
Schwager, August C., assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Automatic reclosing circuit breaker. 2,182,239; Dec. 5.
Schwaiger, Karl, Gaggenau-Baden, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Mechanism for absorbing torsional oscillations of shafts. 2,152,710; Apr. 4.
Schwaiger, Max, Nuremberg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transformer. 2,157,922; May 9.
Schwalbe, Franz G., Toledo, Ohio. Gas flame control for heating furnaces. 2,147,925; Feb. 21.
Schwalenstöcker, Heinz. (See Frey, W., and Schwalenstöcker.)
Schwall, Gregory J., and J. E. McCarty, Stockton, Calif. Speaker system for fire alarms. 2,156,356; May 2.
Schwamberger, Emil. (See Zerweck, W., and Schwamberger.)
Schwander, Erwin F., assignor to Société d'Etudes des Véhicules "Sev", Reichshoffen, France. Process and apparatus for regulating the feed of single tube boilers. 2,152,979; Apr. 4.
Schwantes, Julius A., Maplewood, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Manufacture of soap. 2,146,770; Feb. 14.
Schwantes, Julius A., deceased, Maplewood; L. Schwantes, executrix, assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Package. 2,177,999; Oct. 31.
Schwantes, Laura, executrix. (See Schwantes, Julius A.)
Schwarcz, Frank S., New York, N. Y. Driving means for a machine having a movable gauge. 2,176,512; Oct. 17.
Schwarcz, Leonard B., New Rochelle, N. Y. Dispensing valve. 2,184,439; Dec. 26.
Schwarting, Heinrich W. (See Rösler, E. R. A. G., Schwarting, and Kressel.)
Schwartz, Aaron, New York, N. Y., assignor to Celanese Corporation of America. Wrapper. 2,168,585; Aug. 8.
Schwartz, Al. (See Romanoff, Hippolyte, W., assignor.)
Schwartz, Benjamin. (See Mandell, M., and Schwartz.)
Schwartz, Charles, assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Manufacture of casein products. 2,182,357; Dec. 5.
Schwartz, Edward, assignor to The Sound Publicity Corp., New York, N. Y. Sound-reproducing device. 2,158,554; May 16.
Schwartz, Edward, assignor to The Sound Publicity Corporation, New York, N. Y. Tape phonograph. 2,165,073; July 4.
Schwartz, Edward, assignor to The Sound Publicity Corp., New York, N. Y. Sound reproducing device. 2,183,777; Dec. 19.
Schwartz, Emil W. (See Savage, M. H., Spargo, and Schwartz.)
Schwartz, Emil W., and E. T. Croasdale, Bridgeport, Conn., assignors to General Electric Company. Rubber insulating compound and making the same. 2,146,595; Feb. 7.
Schwartz, Emil W., Bridgeport, and M. H. Savage and F. C. Spargo, New Haven, Conn., assignors to General Electric Company. Rubber insulating compound and making the same. 2,146,596; Feb. 7.
Schwartz, Emil W., and E. T. Croasdale, Bridgeport, Conn., assignors to General Electric Company. Treating rubber. 2,146,597; Feb. 7.
Schwartz, Erich, assignor to the firm of Fernseh Aktiengesellschaft, Zehlendorf near Berlin, Germany. Wall coating for Braun tubes. 2,151,992; Mar. 28.
Schwartz, Erich, Berlin-Zehlendorf, assignor to the firm of Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Image screen for Braun tubes. 2,163,918; June 27.
Schwartz, Erich, Berlin-Zehlendorf, assignor to the firm of Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Electrode holding device. 2,164,951; July 4.
Schwartz, Erich, and K. Wellmann, assignors to the firm of Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Electron tube with high ohmic wall coatings. 2,162,391; June 13.
Schwartz, Eugene, assignor to Ketterlinus Lithographic Manufacturing Company, Philadelphia, Pa. Display device. 2,144,512; Jan. 17.
Schwartz, Fernand F., Paris, France, assignor to American Ecla Corporation, Dover, Del. Production of waterproof fabrics permeable to air. 2,149,750; Mar. 7.
Schwartz, Fernand F., Paris, France, assignor, by mesne assignments, to American Ecla Corporation, Dover, Del. Manufacture of elastic fabrics. 2,184,153; Dec. 19.
Schwartz, Fernand F., and M. A. Chavannes, Paris, France, assignors, by mesne assignments, to American Ecla Corporation, Dover, Del. Elastic fabric and its process of manufacture. 2,175,733; Oct. 10.
Schwartz, George, assignor to Gevaert Photo-Producten N. V., Antwerp, Belgium. Dequaternating quaternary ammonium dyestuffs. 2,169,434; Aug. 15.
Schwartz, George L. (See Baker, L. S., and Schwartz.)
Schwarz, Gustav E., Hempstead, N. Y. Composite packing material. 2,184,087; Dec. 19.
Schwartz, Harry. (See Rowland, John G., assignor.)
Schwartz, Hyman, Los Angeles, Calif. Container. 2,172,457; Sept. 12.
Schwartz, Irving, Newton, assignor to Knight Leather Products, Inc., Boston, Mass. Billfold. 2,156,875; May 2.
Schwartz, Jacob R., Brooklyn, N. Y. Laminated bite wafer. 2,183,624; Dec. 19.
Schwartz, Leo A., Oklahoma City, Okla. Cigarette package. 2,163,326; June 20.
Schwartz, Louis H., assignor to W. A. Arnesen, New York, N. Y. Transilluminating device. 2,161,688; June 6.
Schwartz, Melvin J., Rose Creek, Minn. Battery cap. 2,182,266; Dec. 5.
Schwartz, Morris, Brooklyn, N. Y. Range finder attachment for cameras. 2,163,159; June 20.
Schwartz, Morris, assignor to Barrel Fitting & Seal Corporation, Chicago, Ill. Forming a bushing structure. 2,144,394; Jan. 17.
Schwartz, Muray. (See Schwartz, William and M.)
Schwartz, Nathan, New York, N. Y. Respirator. 2,153,437; Apr. 4.
Schwartz, Nathan, New York, N. Y. Respirator. 2,160,317; May 30.
Schwartz, Nathan, New York, N. Y. Respirator. 2,174,370; Sept. 26.
Schwartz, Nathan, New York, N. Y. Respirator. 2,176,380; Oct. 17.
Schwartz, Nathan, New York, N. Y. Respirator. 2,181,026; Nov. 21.
Schwartz, Oscar J., New York, N. Y. Camera plate holder. 2,153,995; Apr. 11.
Schwartz, R. H., Rubber Corporation, et al. (See Forbes, George T., assignor.)
Schwartz, Russell P., Rochester, N. Y. Shoe construction and last. 2,160,991; June 6.
Schwartz, Simon, Manitowoc, Wis. Buffer. 2,178,407; Oct. 31.
Schwartz, Sol, Chicago, Ill. Apparatus for making a bung ring. 2,158,434; May 16.
Schwartz, Sol, assignor to Barrel Fitting & Seal Corporation, Chicago, Ill. Forming a bushing ring. 2,184,949; Dec. 26.
Schwartz, Walter M., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Garnett wire. 2,175,131; Oct. 3.
Schwartz, William and M., New York, assignors of one-third to F. J. Wallenberger Buffalo, N. Y. Illuminated screen. 2,151,236; Mar. 21.
Schwartz, William F. (See Myers, W. E., and Schwartz.)
Schwartz, William H., assignor to Lester Engineering Company, Cleveland, Ohio. Apparatus for the application of injection pressure in pressure casting machines. 2,182,059; Dec. 5.
Schwartzkopf, Friedrich, Berlin, Germany. Builder's drying stove. 2,172,715; Sept. 12.
Schwartzwalder, Karl. (See McDougal, T. G., Fessler, and Schwartzwalder.)
Schwarz, Ernest I., Bronx, N. Y. Die for fastening sleeves on cables or rods. 2,144,231; Jan. 17.
Schwarz, Ernest I., Bronx, N. Y. Hone for hydraulic brake cylinders. 2,147,387; Feb. 14.
Schwarz, Frederick K., Boston, Mass. Electric razor. 2,166,025; July 11.
Schwarz, Gustav, Kommanditgesellschaft. (See Hoffmann, Ludwig, assignor.)
Schwarz, Joachim, Irvington, N. J., assignor to Forstner Chain Corporation. Suspender construction. 2,170,340; Aug. 22.
Schwarz, Karl, assignor to Klangfilm G. m. b. H., Berlin, Germany. Recording and reproduction of sound. 2,177,081; Oct. 24.
Schwarz, Karl, assignor to Klangfilm G. m. b. H., Berlin, Germany. Sound recording apparatus. 2,178,245; Oct. 31.
Schwarz Laboratories, Inc. (See Schwarz, R., and Erda, assignors.)
Schwarz, Richard. See Heck, L., and Schwarz.)
Schwarz, Robert, White Plains, and A. R. Erda, assignors to Schwarz Laboratories, Inc., New York, N. Y. Pure yeast culture apparatus. 2,147,271; Feb. 14.

Schwarz, Walter, Pine Lawn, Mo. Display liner for baskets. 2,143,662; Jan. 10.
Schwarze, Bruce H., Flint, assignor to General Motors Corporation, Detroit, Mich. Differential galvanometer. 2,178,108; Oct. 31.
Schwarze Electric Company. (See Von Voigtlander, Frederick, assignor.)
Schwarze, Erwin, Dresden, Germany. Apparatus for simultaneously separating and cooling fine pulverulent materials. 2,145,559; Jan. 31.
Schwarze, Paul, St. Gallen, Switzerland. Heat-exchanging structure and its constructional elements. 2,166,375; July 18.
Schwarzenbach, Clarence, and H. Demmitt, Catonsville, Md. Window shade housing. 2,161,535; June 6.
Schwarzhaupt, Paul J., Scotia, N. Y., assignor to General Electric Company. Temperature compensated inductance coil. 2,148,306; Feb. 21.
Schwarzkopf, Adolf, Miami Beach, assignor of one-third to W. F. A. Buehmer, Miami, Fla. Egg testing device. 2,166,706; July 18.
Schwarzkopf, Hans H., assignor to N. V. Molybdenum Company, Reutte, Tyrol, Austria. Alloy. 2,170,431; Aug. 22.
Schwarzkopf, Paul, Reutte, Austria. Manufacturing composite materials and shaped bodies thereof. 2,148,040; Feb. 21.
Schwarzkopf, Paul, Reutte, Austria. Shaped bodies for electric purposes, particularly leading-in wires and bars for electric current. 2,172,548; Sept. 12.
Schwarzkopf, Paul, Reutte, Austria. Agglomerated material in particular for electrical purposes and shaped bodies made therefrom. 2,179,960; Nov. 14.
Schwarzkopf, Paul, Reutte, Tyrol, Austria, assignor to American Cutting Alloys, Inc., New York, N. Y. Hard metal tool alloy. 2,170,432; Aug. 22.
Schwarzkopf, Paul, Reutte, Tyrol, Austria, assignor to American Cutting Alloys, Inc., New York, N. Y. Producing a hard metal alloy. 2,170,433; Aug. 22.
Schwebs, Kent, Hortonville, Wis. Temperature control. 2,159,406; May 23.
Schwechten, Heinz W. (See Baumann, F., and Schwechten.)
Schweiger, Julius, Budapest, Hungary. Advertising and display device. 2,171,246; Aug. 29.
Schweigert, George D., Denver, Colo. Fly-book case. 2,156,740; May 2.
Schweigert, George D., Denver, Colo. Fishhook file or carrier. 2,164,259; June 27.
Schweighart, Peter G., Sandusky, Ohio. Sewer trap 2,174,332; Sept. 26.
Schweiker, Malcolm A., assignor to Franklin Tile Company, Lansdale, Pa. Fashioning tiles. 2,183,699; Dec. 19.
Schweikle, Otto W., Williamsport, Pa. Brake condition indicator. 2,146,357; Feb. 7.
Schwein, Carl F., Berlin, Germany. Electric coupling for vehicles. 2,158,385; May 16.
Schweitzer & Conrad, Inc. (See McMahon, G. F., and Ramsey, assignors.)
Schweitzer & Conrad, Inc. (See Parker, Washington W., assignor.)
Schweitzer & Conrad, Inc. (See Ramsey, Allan, assignor.)
Schweitzer & Conrad, Inc. (See Triplett, Hugh A., assignor.)
Schweitzer & Conrad, Inc. (See Triplett, H. A., and Lindell, assignors.)
Schweitzer & Conrad, Inc. (See Triplett, H. A., and Ramsey, assignors.)
Schweitzer, Edmund O., Jr., Northbrook, Ill. Transformer fault indicating means. 2,149,634; Mar. 7.
Schweitzer, Edmund O., Jr., Northbrook, Ill. Current interrupting means. 2,167,781; Aug. 1.
Schweitzer, Frank J., Orange, Calif. Collar passing pressure stripper. 2,170,915; Aug. 29.
Schweitzer, Frank J., and W. D. Shaffer, Brea, Calif. Rotary collar passing blow-out preventer and stripper. 2,170,916; Aug. 29.
Schweitzer, Howard V., Cleveland, Ohio. Conveyer. 2,169,772; Aug. 15.
Schweitzer, Hugo, Leverkusen-Wiesdorf, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dvestuff heavy metal complex compounds. 2,182,055; Dec. 5.
Schweitzer, Hugo, Leverkusen-Wiesdorf, O. Bayer, Leverkusen I. G.-Werk, and G. Schrader, Opladen, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-soluble azo dyestuffs. 2,154,186; Apr. 11.
Schweitzer, Thomas R. (See Hoffman, C., Dalby, and Schweitzer.)
Schweizer, Alfred, Stuttgart, Germany, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung. Speed governor for injection internal combustion engines. 2,160,109; May 30.
Schweizer, Alfred, Vaihingen-Fildern, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Atmospheric pressure responsive device. 2,177,674; Oct. 31.
Schweizer, Ernest, East Orange, N. J., assignor to Celluloid Corporation. Manufacture of stiffening material. 2,174,170; Sept. 26.
Schweizer, Paul. (See Kleinberg, P. E., Schweizer and Wilks.)
Schweizerische Lokomotiv-und Maschinenfabrik. (See Dürig, Alfred, assignor.)
Schweizerische Lokomotiv-und Maschinenfabrik. (See Portmann, August, assignor.)
Schweizerische Lokomotiv-und Maschinenfabrik. (See Weber, Fritz J., assignor.)
Schweller, Edmund F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,169,198; Aug. 8.
Schweller, Edmund F., assignor to General Motors Corporation, Dayton, Ohio. Thermometer bracket. 2,169,904; Aug. 15.
Schweller, Sylvester M., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,166,707; July 18.
Schweller, Sylvester M., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,182,824; Dec. 12.
Schwem, William C., Denham Springs, La. Tobacco pipe. 2,169,931; Aug. 15.
Schwencke, Edmund H., New York, N. Y. Acoustical device. 2,167,377; July 25.
Schwendner, Anthony F., Essington, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Governor apparatus. 2,178,497; Oct. 31.
Schwenk, Earl B. (See Minser, William D., assignor.)
Schwenk, Erwin. (See Hildebrandt, F., and Schwenk.)
Schwenk, Erwin, Montclair, N. J., and B. Whitman, New York, N. Y., assignors to Schering Corporation, Bloomfield, N. J. Separating phenolic bodies. 2,174,532; Oct. 3.
Schwenk, Erwin, New York, and F. Hilderbrandt, Hohen Neuendorf, near Berlin, Germany, assignors to Schering Aktiengesellschaft. Isolating follicle hormones from the urine of pregnant individuals. 2,178,109; Oct. 31.
Schwenk, Erwin, Montclair, N. J., B. Whitman, New York, N. Y., and G. A. Fleischer, Montclair, assignors to Schering Corporation, Bloomfield, N. J. Preparation of epiallo-pregnanol(3)-one(20). 2,180,614; Nov. 21.
Schwenk, Erwin, Bloomfield, N. J., F. Hilderbrandt, Hohen Neuendorf, near Berlin, and M. Gehrke, Birkenwerder, near Berlin, Germany, assignors to Schering Corporation, Bloomfield, N. J. Producing hormone preparations of high purity. 2,184,775; Dec. 26.
Schwenk, Hans. (See Breitling, E., and Schwenk.)
Schwenk, Hans. (See Neureiter, H., and Schwenk.)
Schwentler, Francis E., St. Louis, Mo., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Piston travel amplifier. 2,165,985; July 11.
Schwerin, Frank H., Bellevue, assignor to The Duff-Norton Manufacturing Company, Pittsburgh, Pa. Wire cable connector tool. 2,176,277; Oct. 17.
Schwerin, Paul. (See Perryman, G. H., and Schwerin.)
Schwerin, Paul, Rutherford, N. J., and H. C. Atkins, Acton, London, assignors to Electronic Devices Limited, London, England. Electron discharge system. 2,150,346; Mar. 14.
Schwertfeger, Walter J. (See Brigham, D. S., and Schwertfeger.)
Schwertfeger, Walter J., West Englewood, N. J., assignor to Keyes Fibre Company, Portland, Me. Packing. 2,164,025; June 27.
Schweyer, Herbert E. (See Hayden, H. P., and Schweyer.)
Schwier, William, Detroit, Mich. Carburetor. 2,163,499; June 20.
Schwind, Augusto, Buenos Aires, Argentina. Composition of matter. 2,148,325; Feb. 21.
Schwing, Karl J., East Orange, N. J. Purifying and dispersing coloring matter of the anthraquinone series. 2,164,952; July 4.
Schwinger, Heinrich, Fellbach, assignor to the firm Fr. Hesser, Maschinenfabrik-Aktiengesellschaft, Stuttgart-Bad Cannstatt, Germany. Machine for withdrawing from a pile, and opening collapsed folding boxes. 2,147,994; Feb. 21.
Schwinn, Elmer R., Chicago, Ill. Smoker's pipe. 2,176,315; Oct. 17.
Schwinn, Frank W., Chicago, Ill. Bicycle frame. 2,151,533; Mar. 21.
Schwinn, Frank W., Chicago, Ill. Bicycle spring fork mechanism. 2,160,034; May 30.
Schwinn, Frank W., Chicago, Ill. Bicycle front fork structure. 2,160,035; May 30.
Schwinn, Frank W., Chicago, Ill. Cycle-saddle supporting means. 2,167,912; Aug. 1.
Schwinn, Frank W., Chicago, Ill. Pedal. 2,178,921; Nov. 7.
Schwisow, Arnold J., Hopkins, Minn. Holding device. 2,173,953; Sept. 26.
Schwitzer & Conrad, Inc. (See Triplett, Hugh A., assignor.)
Schwitzer-Cummins Company. (See Schwitzer, L., and Roland, assignors.)
Schwitzer, Louis, and J. Roland, assignors to Schwitzer-Cummins Company, Indianapolis, Ind. Automatic ash remover for furnaces. 2,176,563; Oct. 17.
Schwork, Stanley. (See Parsons, H. L., and Schwork.)
Schymizek, Frank, Flatbush, Alberta, Canada. Tube holder. 2,149,315; Mar. 7.
Sciaky, David, Paris, France. Apparatus for checking the quality of welds. 2,142,619; Jan. 3.
Sciaky, David, Paris, France. Apparatus for measuring electric energy. 2,167,553; July 25.

Sciaky, David, Paris, France. Electric welding of tubes. 2,167,554; July 25.
Scientific Traffic Controls, Inc. (See Hunter, Ralph W., assignor.)
Scintilla, Ltd. (See Schaeren, Ernst, assignor.)
Sckrabei, Paul. (See Albrecht, C. A., and Sckrabei.)
Sckrabei, Paul, Berlin-Lubars, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Matrix composing and line casting machine. 2,142,337; Jan. 3.
Sclocco, Adolph, Trenton, N. J. Combination drafting tool. 2,161,098; June 6.
Scobell, Sidney A. (See Wheler, A. G., and Roznowski, assignors.)
Scoffone, John, New York, N. Y. Portable double drive winding machine. 2,179,760; Nov. 14.
Scofield, Harold E. (See Atkins, S. C., and Scofield.)
Scofield, Philip F., Palo Alto, assignor to Heintz & Kaufman, Ltd., San Francisco, Calif. Multiple turn position indicator. 2,151,534; Mar. 21.
Scofield, Theodore J., assignor to The Sparks-Withington Company, Jackson, Mich. Horn. 2,155,366; Apr. 18.
Scofield, Theodore J., assignor to The Sparks-Withington Company, Jackson, Mich. Electromagnetic motor for warning signals and the like. 2,165,582; July 11.
Scofield, Theodore J., assignor to The Sparks-Withington Company, Jackson, Mich. Warning signal. 2,181,922; Dec. 5.
Scogland, Charles A., and P. H. Sanders, assignors to South Bend Bait Company, South Bend, Ind. Reel seat. 2,145,612; Jan. 31.
Scogland, Charles A., and P. H. Sanders, assignors to South Bend Bait Company, South Bend, Ind. Fish bait. 2,159,606; May 23.
Scophony Limited. (See Jeffree, John H., assignor.)
Scoppola, Giorgio, Rome, Italy. Vent device for hot-water heating apparatus. 2,153,726; Apr. 11.
Scott, Albert B., assignor to S. C. K. Corporation, Los Angeles, Calif. Film feed apparatus. 2,144,088; Jan. 17.
Scott, Albert B., assignor to S. C. K. Corporation, Los Angeles, Calif. Picture display cabinet. 2,150,992; Mar. 21.
Scott, Albert B., assignor to S. C. K. Corporation, Los Angeles, Calif. Flashing switch. 2,152,216; Mar. 28.
Scott, Alva W., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Weather strip. 2,172,091; Sept. 5.
Scott, Ashton T., Ardmore, assignor to The Sharples Corporation. Acid treating of benzol. 2,155,367; Apr. 18.
Scott, Bernard H., Glendale, assignor of one-half to A. W. Elliott, Los Angeles, Calif. Pump. 2,166,612; July 18.
Scott, Bertha B., administratrix. (See Scott, Clarence N., assignor.)
Scott & Bowne. (See Bolté, Brown, assignor.)
Scott, Carl F., Milford, Conn., assignor to General Electric Company. Coffee maker. 2,169,852; Aug. 15.
Scott, Carl W., Ferguson, Mo., assignor to Curtiss-Wright Corporation. Engine cowling. 2,178,998; Nov. 7.
Scott, Charles L., assignor to Allied Ironfounders Limited, London, England. Domestic cooking apparatus. 2,180,068; Nov. 14.
Scott, Clarence N., Houston, Tex. Well pumping apparatus. 2,160,291; May 30.
Scott, Clarence N., deceased, Houston, Tex.; Bertha Britton Scott, administratrix. Liquid level control for well pumping apparatus. 2,177,950; Oct. 31.
Scott, Clyde, East Orange, N. J. Casting film. 2,150,250; Mar. 14.
Scott, Clyde, East Orange, N. J. Apparatus for welding film. 2,154,474; Apr. 18.
Scott, Clyde, East Orange, N. J. Welding film. 2,171,259; Aug. 29.
Scott, David A., Forest Hill, Ontario, assignor to The Governors of the University of Toronto, Toronto, Ontario, Canada. Insulin preparation and process of producing crystals of insulin. 1,143,590; Jan. 10.
Scott, David A., Forest Hill, Ontario, and A. M. Fisher, assignors to The Governors of the University of Toronto, Toronto, Ontario, Canada. Therapeutic preparation and making and using it. 2,143,591; Jan. 10.
Scott, David A., Forest Hill, and A. M. Fisher, assignors to The Governors of The University of Toronto, Toronto, Ontario, Canada. Therapeutic composition and making it. 2,179,384; Nov. 7.
Scott, Don O., assignor to Hydraulic Brake Company, Detroit, Mich. Reservoir for fluid pressure systems. 2,179,201; Nov. 7.
Scott, Douglas E., Chagrin Falls, assignor to The Chase Bag Company, Cleveland, Ohio. Paper bag. 2,162,285; June 13.
Scott, E. H. (See Clay, Murray G., assignor.)
Scott, Ephriam J., Somerville, assignor to Boston Woven Hose & Rubber Company, Cambridge, Mass. Machine for shaping rubber mats and the like. 2,183,508; Dec. 12.
Scott & Fetzer Company, The. (See Pardee, Lloyd W., assignor.)
Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Four-cone bit. 2,147,926; Feb. 21.
Scott, Floyd L., assignor to Hughes Tool Company, Houston, Tex. Cone cutter support. 2,147,927; Feb. 21.
Scott, Garnett L., Wilmington, Del., assignor to General Chemical Company, New York, N. Y. Manufacture of arsenic acid. 2,165,944; July 11.
Scott, George A. (See Phillips, Rodney F., assignor.)
Scott, George H., Lakewood, assignor to The Scott & Fetzer Company, Cleveland, Ohio. Suction cleaner headlight. 2,166,267; July 18.
Scott, George R., Detroit, Mich. Rotary tool holding fixture. 2,153,898; Apr. 11.
Scott, Herbert J., Oakland, Calif., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Radio transmitter control. 2,142,335; Jan. 3.
Scott, Hermon H., Somerville, assignor to General Radio Company, Cambridge, Mass. Electric system. 2,173,426; Sept. 19.
Scott, Hermon H., Somerville, assignor to General Radio Company, Cambridge, Mass. Electric oscillator. 2,173,427; Sept. 19.
Scott, Howard, Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Structure for heat treating metals. 2,175,922; Oct. 10.
Scott, Kenneth D. (See Frech, T. W., Howard, and Scott.)
Scott, Kenneth D. (See Howard, E. A., and Scott.)
Scott, Kenneth L. (See Hale, G., and Scott.)
Scott, Kenneth L., Western Springs, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Testing apparatus. 2,146,857; Feb. 14.
Scott, Lawton W. et al. (See Dennison, Orvie G., assignor.)
Scott, Leland L., Kansas City, Mo. Automatic safety device for internal combustion engines. 2,152,287; Mar. 28.
Scott, Leland L., Kansas City, Mo. Internal combustion engine. 2,157,742; May 9.
Scott, Lewis L. (See Shepperd, William B., assignor.)
Scott, Lloyd H., Sidney, N. Y. Spark generating system. 2,169,818; Aug. 15.
Scott, Lloyd N., New York, N. Y., and S. C. Coey, Glen Ridge, N. J., assignors to Research Corporation, New York, N. Y. Air conditioning. 2,184,782; Dec. 26.
Scott, Louis W., Jr., Roxboro, assignor to The Bird-Archer Co., Philadelphia, Pa. Insulating structure. 2,148,281; Feb. 21.
Scott, Marvin R. (See Wall, M. J., and Scott.)
Scott, Merl G., Tulsa, Okla. Packing means. 2,160,292; May 30.
Scott, Murray D. (See Kent, R. L., and Scott.)
Scott, Norman D., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Inc., Wilmington, Del. Condensation of alcohols. 2,145,097; Jan. 24.
Scott, Norman D., Sanborn, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization. 2,146,447; Feb. 7.
Scott, Norman D., Sanborn, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphated a,a'-dialkyl glycerine ethers and preparing them. 2,161,937; June 13.
Scott, Norman D., Sanborn, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Purification of ethers. 2,174,293; Sept. 26.
Scott, Norman D., Sanborn, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization of 1,2-dihydronaphthalene. 2,181,770; Nov. 28.
Scott, Norman D., Sanborn, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization of styrene. 2,181,771; Nov. 28.
Scott, Norman D., Sanborn, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reacting alkali metals with aromatic hydrocarbons. 2,183,847; Dec. 19.
Scott, Norman D., Sanborn, and C. R. Harris, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Acetylene solution. 2,146,448; Feb. 7.
Scott, Norman D., Sanborn, and J. F. Walker, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of organic compounds. 2,150,039; Mar. 7.
Scott, Norman D., Sanborn, and V. L. Hansley and J. F. Walker, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of alkali metal derivatives of organic substances. 2,171,867; Sept. 5.
Scott, Norman D., Sanborn, and J. F. Walker, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkali metal derivatives of acetylenic hydrocarbons. 2,171,868; Sept. 5.
Scott, Norman D., Sanborn, and J. F. Walker, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of organic cyano compounds. 2,171,869; Sept. 5.
Scott, Norman D., Sanborn, and J. Frederic Walker, Niagara Falls, N. Y., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Reducing metal compounds. 2,177,412; Oct. 24.
Scott, Paul H., Long Island City, N. Y., assignor to The William F. Kenny Company, New York, N. Y. Cover mounting and locking means for the tanks of tank trucks. 2,162,446; June 13.
Scott, Philip L., Chicago, Ill. Internal combustion engine. 2,146,032; Feb. 7.
Scott, Philip L., Chicago, Ill., assignor to Super Diesel Tractor Corporation, La Porte, Ind. Making connections. 2,148,652; Feb. 28.

Scott, Philip L., Chicago, Ill., assignor to Super Diesel Tractor Corporation, La Porte, Ind. Plumbing fitting. 2,168,631; Aug. 8.
Scott, Philip L., Chicago, Ill., assignor to Super Diesel Tractor Corporation, La Porte, Ind. Pump. 2,174,898; Oct. 3.
Scott, Philip L., Chicago, Ill., assignor to Super Diesel Tractor Corporation, La Porte, Ind. Pump liner construction. 2,175,705; Oct. 10.
Scott, Philip L., Chicago, Ill., assignor to Super Diesel Tractor Corporation, La Porte, Ind. Pump. 2,179,354; Nov. 7.
Scott, Philip L., Chicago, Ill., assignor to Super Diesel Tractor Corporation, La Porte, Ind. Coupling. 2,179,355; Nov. 7.
Scott, Philip L., Chicago, Ill., assignor to Super Diesel Tractor Corporation, La Porte, Ind. Fuel pump assembly. 2,180,883; Nov. 21.
Scott, Phillip L. (See Griffith, Leigh M., assignor.)
Scott, Ray W., assignor to Bendix Home Appliances, Inc., Detroit, Mich. Washing machine. 2,150,638; Mar. 14.
Scott, Raymond C., assignor to O. B. Andrews Company, Chattanooga, Tenn. Guard or fringe and package therefor. 2,168,784; Aug. 8.
Scott, Richard H. (See Billington, J. E., and Scott.)
Scott, Robert C., Cambridge, Mass., assignor to General Electric Company. Method and means for starting synchronous motors. 2,144,549; Jan. 17.
Scott, Robert E., New York, N. Y., assignor to H. F. Boeger, West Los Angeles, Calif. Valve for brake systems. 2,155,873; Apr. 25.
Scott, Robert M., Windsor, Ontario, Canada. Seal. 2,182,972; Dec. 12.
Scott, Robert N., Digboi, Assam, assignor of one-half to R. Harcus, Yenangyaung, Upper Burma, British India. Tripping and setting tools. 2,178,999; Nov. 7.
Scott, Roland J., Tempe, Ariz. Drawing board support. 2,148,307; Feb. 21.
Scott, Roy J. (See Sibley, L. T., and Scott.)
Scott, Roy J., Forest Hills, N. Y., assignor to Alfol Insulation Company, Inc. Heat insulating panel. 2,181,074; Nov. 21.
Scott, Thomas C., assignor to Continental Steel Corporation, Kokomo, Ind. Galvanizing sheets of metal. 2,175,706; Oct. 10.
Scott, Thomas R., and T. E. D. Menzies, Aldwych, London, England, assignors to Western Electric Company, Incorporated, New York, N. Y. Coaxial cable terminal. 2,152,504; Mar. 28.
Scott, Thomas R., and L. A. C. Pooley, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Preparation of seals between ceramic material and metal. 2,175,672; Oct. 10.
Scott, Walter C., Plainfield, N. J. Speed control mechanism. 2,146,383; Feb. 7.
Scott, Walter C., Plainfield, N. J. Web-replenishing means. 2,172,776; Sept. 12.
Scott, Walter H. (See Aronov, P., and Scott.)
Scott, Walter L., and L. H. Foster, New Orleans, La. Flexible sheet cellulose cigar and cigarette tip. 2,178,942; Nov. 7.
Scott, Walter J., Hinsdale, Ill., assignor to Western Electric Company, New York, N. Y. Applying vitreous enamels. 2,146,858; Feb. 14.
Scott, Walter L., Long Beach, Calif. Educational game. 2,177,790; Oct. 31.
Scott, William, Medford, Mass. Flushing device for water closets. 2,177,121; Oct. 24.
Scott, William B., Cassoday, Kans. Electric generating system for aircraft and domestic service. 2,179,962; Nov. 14.
Scott, William E., assignor to Bagpak, Inc., New York, N. Y. Bag. 2,179,864; Nov. 14.
Scott, William H., Rochester, N. Y. Signaling device. 2,149,794; Mar. 7.
Scott, William J., Rugby, England, assignor to General Electric Company. Electric discharge lamp. 2,153,008; Apr. 4.
Scott, William J., Rugby, England, assignor to General Electric Company. Electric discharge lamp. 2,153,009; Apr. 4.
Scott, William J., and W. T. Cowhig, Rugby, England, assignors to General Electric Company. Hermetically sealed vessel. 2,169,112; Aug. 8.
Scott, William M., Jr., assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Bus bar assembly. 2,144,247; Jan. 17.
Scott, William M., Jr., Bryn Mawr, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. Circuit interrupter. 2,150,566; Mar. 14.
Scott, Wiliam M., Jr., Bryn Mawr, assignor to I-T-E Circuit Breaker Company, Philadelphia, Pa. System of motor control. 2,151,237; Mar. 21.
Scott, William R., Canon City, Colo. Placer mining device. 2,144,941; Jan. 24.
Scott, William W., assignor to Federal Electric Company, Inc., Chicago, Ill. Siren. 2,172,413; Sept. 12.
Scott & Fetzger Company. (See Scott, George H., assignor.)
Scott & Williams, Incorporated. (See Dickens, Howard G., assignor.)
Scott & Williams, Incorporated. (See Getaz, J. L., and Gossage, assignors.)
Scott & Williams, Incorporated. (See Grothey, Ivan W., assignor.)
Scott & Williams, Inc. (See Houseman, Harold E., assignor.)
Scott & Williams, Incorporated. (See Houseman, Harold E. and W. L., assignors.)
Scott & Williams, Incorporated. (See Houseman, Wilbur L., assignor.)
Scott & Williams, Incorporated. (See Page, Albert E., assignor.)
Scott & Williams, Incorporated. (See Peloquin, Edward, assignor.)
Scott & Williams, Incorporated. (See Sheppard, Harry N., assignor.)
Scott, Winfield, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,173,731; Sept. 19.
Scott, Winfield, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Preparation of carbon sulphoselenides. 2,175,816; Oct. 10.
Scott, Winfield, Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Age resistor. 2,184,168; Dec. 19.
Scoutten, Floyd L. (See Ross, F. N., Scoutten, and Ferm.)
Scovel, Raleigh. (See Phillips, W. J., and Scovel.)
Scovill Manufacturing Company. (See Ayotte, J. F., and Holihan, assignors.)
Scovill Manufacturing Company. (See Clemmons, Herbert D., assignor.)
Scovill Manufacturing Company. (See Dews, Joseph W., assignor.)
Scovill Manufacturing Company. (See Donahue, Patrick F., assignor.)
Scovill Manufacturing Company. (See Donahue, P. F., and Ferguson, assignors.)
Scovill Manufacturing Company. (See Goepel, Arthur H., assignor.)
Scovill Manufacturing Company. (See Hoffman, Allan C., assignor.)
Scovill Manufacturing Company. (See Howard, George G., assignor.)
Scovill Manufacturing Company. (See Huelster, Otto J., assignor.)
Scovill Manufacturing Company. (See Huelster, O. J., and Wolff, assignors.)
Scovill Manufacturing Company. (See Partz, Victor A., assignor.)
Scovill Manufacturing Company. (See Reuter, R. L. E., and Huelster, assignors.)
Scovill Manufacturing Company. (See Tobler, John H., assignor.)
Scovill Manufacturing Company. (See Tompkins, Emerson H., assignor.)
Scovill Manufacturing Company. (See Veillette, Jeffery J., assignor.)
Scovill Manufacturing Company. (See Williams, Selden T., assignor.)
Scovill Manufacturing Company. (See Williams, S. T., and Rounds, assignors.)
Scoville, Earl L., Ashtabula, Ohio. Fish scaler. 2,154,187; Apr. 11.
Scowley, Andrew A., Ingleside, Ill. Hull for boats and ships. 2,167,688; Aug. 1.
Scowley, Andrew A., Ingleside, Ill. Hull for boats and ships. 2,167,689; Aug. 1.
Scranton Industrial Development Company. (See Rubin David, assignor.)
Scribner, William L., assignor to The Timken Roller Bearing Company, Canton, Ohio. Double row roller bearing. 2,160,420; May 30.
Scribner, William L., assignor to The Timken Roller Bearing Company, Canton, Ohio. Taper roller bearing. 2,166,377; July 18.
Scrimgeour, William. (See Scrimgeour, William, assignor.)
Scrimgeour, William, assignor to W. Scrimgeour, Washington, D. C. Hypodermic syringe. 2,158,593; May 16.
Scrimgeour, William, Washington, D. C., assignor to The National City Bank of Cleveland, Cleveland, Ohio, as trustee. Making hollow articles. 2,177,192; Oct. 24.
Scripture, Edward W., Jr., Shaker Heights, assignor to The Master Builders Company, Cleveland, Ohio. Cement mix. 2,169,980; Aug. 15.
Scriven, Guy F., Sioux Falls, S. Dak. Bedtray and bedside table. 2,183,410; Dec. 12.
Scruggs, Loyd, University City, Mo. Chuck or tool holder. 2,153,847; Apr. 11.
Scruggs, Loyd, University City, Mo. Radial commutator. 2,176,361; Oct. 17.
Scudder, Charles J., Scranton, Pa. Agitating device. 2,144,127; Jan. 17.
Scudder, Charles J., Scranton, Pa. Control valve. 2,176,454; Oct. 17.
Scudds, Francis M., assignor to The Egry Register Company, Dayton, Ohio. Gathering machine. 2,148,586; Feb. 28.
Scull, Herbert M., U. S. Navy. Method and system of motor control. 2,169,294; Aug. 15.
Scull, R. D. Russell, Festus, Mo., assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Safety-glass rack. 2,156,876; May 2.
Scull, Raymond T., et al. (See Berstler, Carl E., assignor.)

Scullin, Harry. (See Dreibuss, Harry C., assignor.)
Scully, Cornelius D., et al. (See Zavarella, Raphael, assignor.)
Scully, James A. (See Rosenberg, B. F., and Scully.)
Scully-Jones & Company. (See Rosenberg, B. F., and Scully, assignors.)
Scully Signal Company. (See Crossley, George K., assignor.)
Scully Signal Company. (See Mathey, Alcide E., assignor.)
Scully Signal Company. (See Morse, Lynn H., assignor.)
Scupin, Werner, Namslau, Silesia, Germany. Feed and guide roller for cinematograph apparatus. 2,163,470; June 20.
Scurlock, Lewis H. (See Littmann, August, assignor.)
Scurlock, Lewis H., Chicago, Ill. Cooking utensil. 2,151,535; Mar. 21.
Scurlock, Lewis H., Chicago, Ill. Juice extractor. 2,160,523; May 30.
Scusa, Lino, West Phoenix, and R. Kilian, Baldwinsville, N. Y., assignors to The Gardner-Richardson Company, Middletown, Ohio. Manufacture of containers and the like. 2,163,318; June 20.
Scusa, Lino, Phoenix, assignor to H. E. Torell, Syracuse, N. Y. Apparatus for measuring tension stresses. 2,182,267; Dec. 5.
Scuitt, Arthur G., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Making abrasive articles by means of precoated grain. 2,164,476; July 4.
Seaboard Oil Company of Delaware, et al. (See Vaughan, William H., assignor.)
Seaburg, Frank H. (See McCann, J. H., and Seaburg.)
Seagram-Distillers Corporation. (See Cameron, William P.)
Seagram, Joseph E., & Sons, Inc. (See Harris, Anthony B., assignor.)
Seagrave, Louia K., Middletown, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Typewriting machine. 2,185,137; Dec. 26.
Seagren, Nils, Los Angeles, Calif. Gear pump. 2,147,928; Feb. 21.
Seaholm, Ernest W., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Transmission control. 2,171,953; Sept. 5.
Seaholm, John P., Moline, Ill., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Scraper mounting for disk plows. 2,155,739; Apr. 25.
Sealco By-Products Company. (See Jacobson, Carl A., assignor.)
Seale, Roy Q., Corpus Christi, Tex. Device for obtaining core samples. 2,181,980; Dec. 5.
Sealed Joint Products Co. (See Duffy, Charles G., assignor.)
Sealed Power Corporation. (See Olson, Holly M., assignor.)
Seals, Jackson P., Richmond, Va. Golf ball warmer. 2,181,821; Nov. 28.
Seaman, Albert W., Huntington Park, Calif., assignor to M. Craig, Johnson, Kans. Damming device for listed furrows. 2,174,045; Sept. 26.
Seaman, Carl B., Columbus, Ohio. Steering wheel for motor vehicles. 2,144,000; Jan. 17.
Seaman, Charles, Jamaica Estates, N. Y. Apparatus for producing shirred materials. 2,147,462; Feb. 14.
Seaman, Charles, Jamaica Estates, N. Y. Shirred material. 2,147,463; Feb. 14.
Seaman, Charles, Jamaica Estates, N. Y. Device for making trimmings. 2,167,857; Aug. 1.
Seaman, Charles, Jamaica Estates, N. Y. Producing shirred materials. 2,175,322; Oct. 10.
Seaman, David J., Battle Creek, Mich. Doorway construction. 2,154,641; Apr. 18.
Seaman, David J., Battle Creek, assignor to S. D. Cohen, Marquette, and M. L. Seaman, Battle Creek, Mich. Door. 2,184,259; Dec. 19.
Seaman, David J., and H. H. Metcalf, Battle Creek, Mich., assignors to Seaman-Metcalf Incorporated. Printed article and making the same. 2,143,247; Jan. 10.
Seaman, David J., and H. H. Metcalf, Battle Creek, Mich., assignors to Seaman-Metcalf Incorporated. Method and apparatus for uniting printing webs. 2,149,366; Mar. 7.
Seaman, Delbert O., Des Moines, Iowa. Signal switch. 2,156,703; May 2.
Seaman, Ellsworth F., Washington, D. C. Motor starting device. 2,148,507; Feb. 28.
Seaman, Ellsworth F., Washington, D. C. Self-luminous article. 2,155,449; Apr. 25.
Seaman, Kent L., Pasadena, Calif. Tie lock. 2,164,626; July 4.
Seaman, Maurice L., et al. (See Seaman, David J., assignor.)
Seaman-Metcalf Incorporated. (See Seaman, D. J., and Metcalf, assignors.)
Seaman, Richard H., and A. Monk, Los Angeles, Calif. Atomizer. 2,159,407; May 23.
Seams, Earl F., Fillmore, assignor of one-half to H. C. McCue, Ventura, Calif. Eraser cleaner. 2,172,914; Sept. 12.
Seaquist, Edgar O. (See Stanton, C. I., and Seaquist.)
Searcy, Hilton B., Gulfport, Miss. Rifle front sight illuminator. 2,158,915; May 16.
Searcy, Lynn D., Detroit, Mich. Power transmission. 2,163,066; June 20.
Searight, John R., assignor of one-half to E. S. Bleazby, Birmingham, Mich. Whipping and beating device. 2,149,104; Feb. 28.
Searle, Clarence C., Maricopa, Calif. Centrifugal separator and wringer. 2,159,536; May 23.
Searles, Raymond R., assignor to The Fafnir Bearing Company, New Britain, Conn. Bearing. 2,143,091; Jan. 10.
Searles, Raymond R., assignor to The Fafnir Bearing Company, New Britain, Conn. Seal bearing. 2,152,444; Mar. 28.
Searles, Raymond R., assignor to The Fafnir Bearing Company, New Britain, Conn. Bearing. 2,162,034; June 13.
Searles, Raymond R., assignor to The Fafnir Bearing Company, New Britain, Conn. Bearing. 2,162,977; June 20.
Searles, Wayne S., assignor to Universal Optical Corporation, Providence, R. I. Lens strap mounting. 2,169,666; Aug. 15.
Sears, Edward F., Seattle, Wash. Ball ejector. 2,151,993; Mar. 28.
Sears, Hartley M., Pasadena, and S. Rothenberg, Los Angeles, Calif., assignors to Patek & Co. Stapling appliance. 2,174,708; Oct. 3.
Sears, Howard, et al. (See Fairbank, Franklin N., assignor.)
Sears, Roebuck and Co. (See Bamberger, Glenn R., assignor.)
Sears, Roebuck and Co. (See Davis, William F., assignor.)
Sears, Roebuck & Co. (See Fairchild, Alice M., assignor.)
Sears, Roebuck and Co. (See Hultgren, Arnold P., assignor.)
Sears, Roebuck and Co. (See Kelso, Harrison M., Jr.)
Sears, Roebuck and Co. (See Krause, Albert W., assignor.)
Sears, Roebuck and Co. (See Lipsis, Arthur H., assignor.)
Sears, Roebuck and Co. (See Morgan, John R., assignor.)
Sears, Roebuck and Co. (See Ralston, H. D., and Gilbert, assignors.)
Sears, Roebuck & Company. (See Sampsel, Arthur V., assignor.)
Sears, Roebuck and Co. (See Wexler, Monroe L., assignor.)
Sears, Sterling G., Garden City, assignor to Dictograph Products Company, Inc., New York, N. Y. Sound-reproducing system. 2,169,744; Aug. 15.
Sease, Virgil B. (See Weber, J. R., and Sease.)
Seasholtz, J. M., & Sons, Inc. (See Seasholtz, John M., assignor.)
Seasholtz, John M., assignor to J. M. Seasholtz & Sons, Inc., Reading, Pa. Yarn guiding, conditioning, and tensioning device. 2,179,276; Nov. 7.
Seaton, Albert C., Indianapolis, Ind. Device and process for performing chemical analyses. 2,162,978; June 20.
Seaton, Arthur E., and C. E. Tunks, Portland, Oreg. Nonskid shoe clamp. 2,146,233; Feb. 7.
Seaton, Max Y., Greenwich, Conn., assignor, by mesne assignments, to Westvaco Chlorine Products Corporation, New York, N. Y. Dry disinfecting composition and making the same. 2,145,015; Jan. 24.
Seaver, Blake A. (See Tyrrell, D. W., Officer, and Seaver.)
Seaver, Frank R. (See Stone, A. L., and Seaver.)
Seaver, Jay J., assignor to H. A. Brassert & Company, Chicago, Ill. Valve construction. 2,152,774; Apr. 4.
Seaver, Kenneth, Oakmont, assignor to Harbison-Walker Refractories Company, Pittsburgh, Pa. Casting metals. 2,165,945; July 11.
Seavey, Frederick R., and E. B. W. Kerone, Alton, assignors to Western Cartridge Corporation, East Alton, Ill. Handling of sensitive materials. 2,146,033; Feb. 7.
Sebastian, Edward, assignor to Orchard Paper Co., St. Louis, Mo. Shoe bag. 2,154,536; Apr. 18.
Sebell, Harry, Boston, assignor to A. H. Parker, Lexington, Mass. Container. 2,184,758; Dec. 26.
Sebesta, Claude. (See Marek, B., and Sebesta.)
Sebo, Julius K., Staten Island, assignor to American Plush & Velvet Pressboard Co. Inc., New York, N. Y. Iron. 2,160,421; May 30.
Sebrell, Lorin B., Silver Lake, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Mercaptothiazole derivatives. 2,150,463; Mar. 14.
Sebrell, Lorin B., Silver Lake, and A. M. Clifford, Stow, assignors to Wingfoot Corporation, Akron, Ohio. Accelerator of vulcanization. 2,173,732; Sept. 19.
Sechrist, Paul A., Shrewsbury, Pa., assignor of one-half to Dr. Carroll H. Gerry, Shrewsbury, Pa. Lipstick holder. 2,163,355; June 20.
Sechrist, William C., Mont Alto, Pa. Motor speed control. 2,177,909; Oct. 31.
Secretary of Agriculture of the United States of America, Henry A. Wallace, and his successors. (See Gaus, G. E., and McWhirter, assignors.)
Secretary of Agriculture of the United States of America, Henry A. Wallace, and his successors in office. (See Gaus, George E., assignor.)
Secretary of Agriculture of the United States of America, Henry A. Wallace, and his successors in office. (See Sherrard, E. C., Beglinger, Hohf, and Bateman, assignors.)
Secretary of Agriculture of the United States of America, Henry A Wallace, and his successors in office. (See Vivian, Donald L., assignor.)

Security Engineering Co. Inc. (See Armentrout, A. L., and Hall, assignors.)
Security Engineering Co. (See Hall, E. B., and Armentrout, assignors.)
Security Engineering Co. (See Hammer, Otto, assignor.)
Security Fire Door Company. (See Talen, Mauritz W., assignor.)
Security-Peoples Trust Company. (See Petersen, Thorvald, assignor.)
Sedelmeyer, Herman A., Ross, and E. A. Meldrum, Menlo Park, Calif. Routing machine. 2,177,347; Oct. 24.
Sedgwick, Kenneth G., Cavour, Wis., dedicated to the free use of the People of the United States of America. Hose washing machine. 2,179,831; Nov. 14.
Sedgwick Machine Works, Incorporated. (See Hendricksen, Bjarne, assignor.)
Sedlmayr, Eugene A., Delavan, Wis. Saw-filing tool. 2,163,248; June 20.
Sedlon, Vincent J., and E. W. Pierie, Cleveland, Ohio. Valve structure. 2,149,367; Mar. 7.
Sedore, Fred R., New Bedford, Pa. Adjustable anchor. 2,174,844; Oct. 3.
See, Douglas S., San Mateo, Calif., assignor to Leslie-California Salt Company. Iodine fixation and product thereof. 2,170,611; Aug. 22.
See, Theodore S., Hammond, Ind., J. E. Tegarden, Calumet City, Ill., and A. Williams, Munster, Ind. Submerged combustion control system. 2,174,533; Oct. 3.
Seebach, Fritz, Erkner, near Berlin, Germany, assignor to Bakelite Corporation, New York, N. Y. Moldable resin. 2,146,234; Feb. 7.
Seebach, Fritz, Erkner, near Berlin, Germany, assignor to Bakelite Corporation, New York, N. Y. Resinous composition and making same. 2,162,035; June 13.
Seebach, Fritz, Erkner, near Berlin, Germany, assignor to Bakelite Corporation, New York, N. Y. Lacquer and its preparation. 2,167,127; July 25.
Seeber, Clarence F. (See Owsley, W. D., and Seeber.)
Seeber, Peter, Champaign, Ill. Detasseling machine. 2,184,198; Dec. 19.
Seeburg, J. P., Corporation. (See Johnson, Carl G., assignor.)
Seeburg, J. P., Corporation. (See Officer, Robert A., assignor.)
Seeburg, J. P., Corporation. (See Roberts, Henry T., assignor.)
Seeburg, N. Marshall. (See Wallin, Fred E. A., assignor.)
Seeburg Radio Corporation. (See Kenney, Mahlon W., assignor.)
Seeburg Radio Corporation. (See Kenney, Mahlon W., assignor.)
Seeck, Ferdinand W., Lebanon, Oreg. Differential mechanism. 2,158,157; May 16.
Seeck, Ferdinand W., Lebanon, Oreg. Differential mechanism. 2,178,613; Nov. 7.
Seederer-Kohlbusch, Inc. (See Gattoni, John, assignor.)
Seefeldt, Lawrence W., Two Rivers, Wis. Float for fishing nets and the like. 2,154,112; Apr. 11.
Seeger, Edwin W. (See Baer, W. O., and Seeger.)
Seeger, Edwin W., and G. C. Brown, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controlling system. 2,164,087; June 27.
Seeger, Edwin W., G. C. Brown, and F. J. Russell, Wauwatosa, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Relay. 2,173,378; Sept. 19.
Seeger, Frank C., Wauwatosa, Wis. Air conditioning apparatus. 2,156,609; May 2.
Seeger Refrigerator Company. (See Seeger, Walter G., assignor.)
Seeger Refrigerator Company. (See Swedman, Enoch, assignor.)
Seeger Refrigerator Company. (See Swedman, E., and Norelius, assignors.)
Seeger Refrigerator Company. (See Swedman, E., and Stifter, assignors.)
Seeger, Walter G., assignor to Seeger Refrigerator Company, St. Paul, Minn. Refrigerator lighting fixture. 2,148,778; Feb. 28.
Seekins, Berton L. (See Bradley, J. J., Jr., and Seekins.)
Seel, Willy, Milan, Italy. Condensation product from p-Dichlorbenzol and sulphuric anhydride and its derivatives. 2,171,166; Aug. 29.
Seelen, Harry R., South Orange, and K. M. McLaughlin, Arlington, N. J., assignors, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,166,744; July 18.
Seeley, George A. (See Nydegger, R. R. and Seeley.)
Seeley, George A., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Splicing a cable. 2,156,772; May 2.
Seeley, George A., Baltimore, Md., assignor to Western Electric Company, Incorporated, New York, N. Y. Cable manufacturing apparatus. 2,172,945; Sept. 12.
Seeley, Harold T., Lansdowne, Pa., assignor to General Electric Company. Control system. 2,151,160; Mar. 21.
Seeley, Harold T., Lansdowne, Pa., assignor to General Electric Company. Control system. 2,151,161; Mar. 21.
Seeley, Harold T., Lansdowne, Pa., assignor to General Electric Company. Synchronizing system. 2,168,175; Aug. 1.
Seeley, Harold T., Lansdowne, Pa., assignor to General Electric Company. Supervision of electric systems. 2,169,853; Aug. 15.
Seeley, Lauren E., New Haven, Conn., assignor, by mesne assignments, to Utica Radiator Corporation, Utica, N. Y. Air conditioning apparatus. 2,161,834; June 13.
Seeley, Stuart W., Bayside, Long Island, N. Y., assignor to Radio Corporation of America. Automatic noise limiter circuit. 2,159,822; May 23.
Seeley, Stuart W., Bayside, N. Y., assignor to Radio Corporation of America. Remote control system. 2,163,411; June 20.
Seeley, Stuart W., Bayside, Long Island, N. Y., assignor to Radio Corporation of America. Noise-limiting circuit. 2,171,636; Sept. 5.
Seeley, Stuart W., Bayside, N. Y., assignor to Radio Corporation of America. Measuring apparatus. 2,173,184; Sept. 19.
Seeley, Stuart W., Bayside, N. Y., assignor to Radio Corporation of America. Remote control system over power lines. 2,177,843; Oct. 31.
Seeley, Stuart W., Bayside, Long Island, N. Y., assignor to Radio Corporation of America. Remote control system. 2,183,725; Dec. 19.
Seelig, Hugo F. (See Unruh, W. D., and Seelig.)
Seely, Thomas H., Melrose, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inserting machine. 2,155,566; Apr. 25.
Seely, Thomas H., Melrose, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Fastening-inserting machine. 2,174,601; Oct. 3.
Seely, Thomas H., Melrose, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Drilling mechanism. 2,174,602; Oct. 3.
Seelye, Howard P. (See Shoemaker, J. J., and Seelye.)
Seem, Charles B., assignor to Dutchess Tool Company, Beacon, N. Y. Dough divider and rounder. 2,158,594; May 16.
Seem. Warren A. (See Hill, E. G., and Seem.)
Seeman, Henry W. and L. E., San Diego, Calif. Plasterer's bullnose finishing trowel. 2,181,209; Nov. 28.
Seeman, Louis E. (See Seeman, Henry W. and L. E.)
Seemann, Hugo J., Berlin-Steglitz, Germany, assignor to General Electric Company. Electrodes for arc discharge valves. 2,151,567; Mar. 21.
Seemel, Bruno E., Brooklyn, assignor to Automatic Coin-wrapping Machine Corporation, New York, N. Y. Predetermining mechanism for coin counting machines. 2,153,160; Apr. 4.
Seemel, Bruno E., Brooklyn, assignor to Automatic Coin-wrapping Machine Corporation, New York, N. Y. Coin machinery. 2,155,982; Apr. 25.
Seethaler, Karl. (See Filberich, L., Schiele, and Seethaler.)
Segal, Hyman R., New York, N. Y. Vanity case. 2,147,929; Feb. 21.
Segal, Hyman R., New York, N. Y. Vanity case. 2,147,930; Feb. 21.
Segal, Hyman R., assignor to Segal Safety Razor Corporation, New York, N. Y. Package or wrapper. 2,143,172; Jan. 10.
Segal, Philip, Montreal, Quebec, Canda. Garment manufacture. 2,156,640; May 2.
Segal Safety Razor Corporation. (See Segal, Hyman R., assignor.)
Segal, Samuel, Brooklyn, N. Y. Jimmyproof lock. 2,158,088; May 16.
Segal, Samuel Brooklyn, N. Y. Roller skate. 2,170,162; Aug. 22.
Segal, Samuel, Brooklyn, N. Y. Cutting machine. 2,171,603; Sept. 5.
Segal, Samuel, Brooklyn, N. Y. Cloth-cutting machine. 2,171,604; Sept. 5.
Segal, Samuel, Brooklyn, N. Y. Key cutting machine. 2,176,106; Oct. 17.
Segal, Theodore M., New York, N. Y. Billfold with secret pocket. 2,150,989; Mar. 21.
Segall, A. B. (See Scherer, Walter C., assignor.)
Segard, Edwin S., San Francisco, Calif. Power transmission. 2,172,991; Sept. 12.
Segel, Louis H. (See Gallo, John W., assignor.)
Segelin, David and S., Rochester, N. Y. Sewing machine attachment for fixing a permanent crease in garments. 2,159,713; May 23.
Segelin, Solomon. (See Segelin, David and S.)
Seger, Francis M. (See Berger, H. G., Moran, and Seger.)
Seghers, Emiel P., Chicago, Ill. Decorative light for Christmas trees and the like. 2,180,121; Nov. 14.
Seghi, Gelio D. (See Fogas, Livius V., assignor.)
Segrin, Oscar E., Hamilton Square, N. J. Candy brushing machine. 2,183,033; Dec. 12.
Seguine, William, Jr., Del Ray Beach, Fla. Metallurgy of zinc. 2,144,942; Jan. 24.
Segur, A. B., & Company. (See Esch, George H., assignor.)
Segur, Asa B. (See Esch, George H., assignor.)
Segur, John B. (See Du Puis, R. N., Lenth, and Segur.)
Segura, Marnell, Jefferson Island, La., assignor to Jefferson Island Salt Mining Company, Louisville, Ky. Treating rock and evaporated salt. 2,174,450; Sept. 26.
Segura, Marnell, Jefferson Island, La., assignor to Jefferson Island Salt Mining Company, Louisville, Ky. Treating salt and resulting product. 2,183,173; Dec. 12.

Seguy, Jean D., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Cracking hydrocarbon oil. 2,149,187; Feb. 28.
Seguy, Jean D., assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,152,927; Apr. 4.
Seguy, Jean D., assignor, by mesne assignments, to Universal Oil Products Company, Chicago, Ill. Treatment of hydrocarbon oils. 2,167,531; July 25.
Seguy, Jean D., assignor to Universal Oil Products Company, Chicago, Ill. Conversion and coking of hydrocarbon oils. 2,182,599; Dec. 5.
Seibel, Harry, Lawrenceburg, Ind. Apparatus and method of regauging distilled spirits. 2,182,681; Dec. 5.
Seibel, Phillip H., St. Louis, Mo. Dentifrice containing and dispensing tooth brush. 2,162,447; June 13.
Seiberling Latex Products Company. (See Sidnell, Albert E., assignor.)
Seibert, Frank J. (See Chipman, R. N., and Seibert.)
Seibert, John L., Cranford, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Compensated condenser. 2,182,645; Dec. 5.
Seibold, Ernst, Heidenheim, Germany. Braking mechanism for rail vehicles. 2,155,740; Apr. 25.
Seibold, Hugo R., Glendale, N. Y. Casement window. 2,181,745; Nov. 28.
Seid, Herman, New York, N. Y., assignor to Carrier Corporation, Newark, N. J. Methods and means for controlling air conditioning systems. 2,144,693; Jan. 24.
Seidel, Alex, assignor to Mauser-Werke A.-G., Obendorf-on-the-Neckar, Germany. Firearm. 2,177,227; Oct. 24.
Seidel, Christian W., Chicago, Ill. Elastic welt for stockings. 2,142,157; Jan. 3.
Seidel, Christian W., Chicago, Ill. Elastic welt for stockings. 2,150,133; Mar. 7.
Seidel, Clara, Rochester, N. Y. Hair curler. 2,163,894; June 27.
Seidel, Oscar, Louisville, Ky. Duplex machine for blocking and pressing hats. 2,171,102; Aug. 29.
Seidel, Richard, assignor to Vasanta Maschinenfabrik A.-G., Dresden, Germany. Gear. 2.142.976; Jan. 3.
Seidel, Richard, assignor to Vasanta Maschinenfabrik A.-G., Dresden, Germany. Speed regulating devices. 2,157,088; May 2.
Seiden, Elmer J., Jackson, and F. E. Mazurek, Pontiac, Mich.; said Mazurek assignor to said Seiden. Bumping hammer. 2,146,358; Feb. 7.
Seiden, Rudolf, Kansas City, Mo. Therapeutic preparation. 2,183,268; Dec. 12.
Seidenberg, William. (See Schlesinger, S., and Seidenberg.)
Seidenfaden, Wilhelm. (See Thoma, E., and Seidenfaden.)
Seidenstricker, Regis A. (See Shafer, S., Jr., and Seidenstricker.)
Seidl, Otto, assignor to Hungaria Kunstdünger, Schwefelsäure und Chemische Industrie, Budapest, Hungary. Preparing ore briquettes. 2.177,228; Oct. 24.
Seidman & Cohan, Inc. (See Cohan, H., and Seidman, assignors.)
Seidner, Leo, Rockville Center, assignor to The Glemby Company, Inc., New York, N. Y. Combined comb and curler. 2,145,319; Jan. 31.
Seifer, Morton E., New York, N. Y. One-piece folding cardboard box. 2,154,218; Apr. 11.
Seifer, Morton E., New York, N. Y., assignor, by mesne assignments, to Stanley Patents, Inc. Folding box. 2,147,503; Feb. 14.
Seifert, Charles H., Hempstead, N. Y. Tooth brush. 2,159,295; May 23.
Seifert, Charles H., Hempstead, N. Y. Tooth cleaning element. 2,165,420; July 11.
Seifert, Charles E., Swampscott, assignor to Thomson-Gibb Electric Welding Company, Lynn, Mass. Electric transformer. 2,181,644; Nov. 28.
Seifert, Werner, Meissen in Saxony, Germany, assignor to Aktiebolaget Rosenblads Patenter, Sodertalje, Sweden. Heat exchanger. 2,142,679; Jan. 3.
Seiffert, Franz, & Co., Aktiengesellschaft. (Ses Peuthert, Wilhelm, assignor.)
Seigle, Leon W. (See Hass, H. B., and Seigle.)
Seigle, William, Hinton, Okla. Arch support. 2,178,651; Nov. 7.
Seigle, William R., Mamaroneck, assignor to Johns-Manville Corporation, New York, N. Y. Article of manufacture and making the same. 2,170,434; Aug. 22.
Seigle, William R., Mamaroneck, N. Y., and B. Townshend, Westfield, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Apparatus and method for making mineral wool. 2,150,040; Mar. 7.
Seil, Gilbert E., Cynwyd, assignor to E. J. Lavino and Company, Philadelphia, Pa. Refractory. 2,170,254; Aug. 22.
Seil, Gilbert E., Cynwyd, assignor to E. J. Lavino and Company, Philadelphia, Pa. Furnace construction. 2,180,969; Nov. 21.
Seiler, Donald W. (See Krebs, W. N., and Seiler.)
Seiler, Richard, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Ultra high frequency oscillator. 2,170,219; Aug. 22.
Selm, Karl F., Dresden, assignor of one-half to T. Lowenberg, Berlin, Germany. Production of textile threads. 2,143,230; Jan. 10.
Seippel, Claude. (See Noack, W. G., and Seippel.)
Seismic Explorations, Inc. (See Reynolds, Frank F., assignor.)
Seiss, August J., Toledo, Ohio. Battery lamp. 2,153,814; Apr. 11.
Seitz, Edward, et al. (See McFarland, Rolla J., assignor.)
Seitz, Georg H., assignor to Seitz-Werke, G. m. b. H., Bad Kreuznach, Rhineland, Germany. Sheet filter. Re. 21,107; May 30.
Seitz, George H., Bad Kreuznach-on-the-Nahe, Germany. Filter pad and purifying liquids. 2,144,781; Jan. 24.
Seitz, John F., Los Angeles, Calif. Method and means for making effects for motion pictures. 2,148,508; Feb. 28.
Seitz-Werke, G. m. b. H. (See Seitz, Georg H., assignor.)
Sekella, Youston. (See Whitney, M. P., and Sekella.)
Sekella, Youston, Elmira, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Clamp and drill jig. 2,169,328; Aug. 15.
Sekella, Youston, Elmira, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Holder for electrically heated tools. 2,174,230; Sept. 26.
Sekine, Ioji, Freeport, N. Y. Round pointed tooth brush. 2,155,245; Apr. 18.
Seklehner, Viktor, assignor of one-half to L. A. Wilczek, Vienna, Austria. Suction supporting device. 2,146,859; Feb. 14.
Selas Company, The. (See Hoopes, Penrose R., assignor.)
Selby, Eugene O., Camden, N. J., assignor to Radio Corporation of America. Noise reduction system. 2,166,694; July 18.
Selby, William M. (See Ralston, A. W., and Selby.)
Selco Products, Inc. (See Kohl, Everard F., assignor.)
Selditz, Maurice. (See Hawkins, W. H., and Selditz.)
Selényi, Paul, Budapest, assignor to Egyesült Izzólámpa és Villamossági rt., Ujpest, Hungary. Production of images. 2,143,214; Jan. 10.
Self, Grafton H., Twin Falls, Idaho. Fertilizer distributor. 2,143,801; Jan. 10.
Self, Guy, et al. (See Clark, J. D., assignor.)
Self Changing Gramophones Limited. (See Bowyer-Lowe, Albert E., assignor.)
Self-Locking Carton Company. (See Lowe, Carl H., assignor.)
Selig, Milton, Philadelphia, Pa., assignor to The Fischman Company. Sterilizing and storage cabinet. 2,146,688; Feb. 7.
Seliger, Hellmuth. (See Lang, H., Suchy, and Seliger.)
Seliger, Hellmuth, O. Bretschneider, B. Hubald, W. Krüger, and G. Truglitzka, Bitterfeld, Germany, assignors, by mesne assignments, to Magnesium Development Corporation. Apparatus for the thermal production of volatilizable metals, particularly of magnesium. 2,159,910; May 23.
Seliger, Hellmuth, and O. Bretschneider, Bitterfeld, Germany, assignors, by mesne assignments, to Magnesium Development Corporation. Production of metallic magnesium. 2,168,750; Aug. 8.
Seligmann, Hans, Munich, Germany, assignor to H. Reichmann, Chicago, Ill. Orthopaedic foot arch support. 2,167,933; Aug. 1.
Selinger, Joseph L., New York, N. Y. Elastic smocking. 2,142,336; Jan. 3.
Selitzky, Henry, Brooklyn, N. Y. Liquid measuring and dispensing device. 2,183,370; Dec. 12.
Sell, Edwin A., Belleville, assignor to Joseph Dixon Crucible Company, Jersey City, N. J. Pencil. 2,167,465; July 25.
Sellaro, Angelo. (See Kilborn, Lawrence, assignor.)
Sellars, George L. (See Church, R. E., and Sellars.)
Selle, Willy. (See Orthner, L., and Selle.)
Selleck, Frederick C., Cold Spring, N. Y. Liquid dispensing apparatus. 2,144,465; Jan. 17.
Sellers, Austin C., Menominee, Mich., assignor to Heywood-Wakefield Company, Gardner, Mass. End standard for theater chairs. 2,180,999; Nov. 21.
Sellers, Harvey A., Jr., Decatur, Ill. Adjustable stabilizer control for toy airplanes. 2,156,741; May 2.
Sellers, William & Company. (See Benzon, G. H., Jr., and Young, assignors.)
Sellers, William, & Company. (See Grover, Charles L., assignor.)
Sellers, William, & Company. (See Lingenbrink, Hermann E. F. C., assignor.)
Sellers, William, & Company. (See Pedrick, Ireneé P., assignor.)
Sellers, William & Company. (See Stocking, Roderick P., assignor.)
Sellers, William D., Glen Ellyn, Ill., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,184,401; Dec. 26.
Sellew, William H., Ann Arbor, Mich., assignor, by mesne assignments, to P. R. Mallory & Co., Inc., New York, N. Y. Duplex solution thermo-compression process. 2,182,098; Dec. 5.
Sellew, William H., Indianapolis, Ind. Heat transfer process and apparatus. 2,182,453; Dec. 5.
Selliken, Julius E., Brooklyn, N. Y. Attached opener for containers. 2,153,344; Apr. 4.
Sells, Neal S., Hoopeston, Ill., assignor to Food Machinery Corporation, San Jose, Calif. Container handling apparatus. 2,155,983; Apr. 25.
Sellwood, R. M. (See Paul, Julius, assignor.)

Selmer, Henri, Paris, France. Musical instrument. 2,151,337; Mar. 21.
Selmer, Henri, Paris, France. Musical instrument. 2,181,346; Nov. 28.
Selsky, Al, Brooklyn, N. Y. Ornamental glass. 2,174,899; Oct. 3.
Selvig, John N. (See Bouget, Y. A., and Selvig.)
Selvig, John N., Westfield, assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,153,996; Apr. 11.
Selvig, John N., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,163,711; June 27.
Selvig, John N., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,177,750; Oct. 31.
Selvig, John N., Westfield, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Handling strands. 2,180,554; Nov. 21.
Selwyn, Samuel D., Chicago, Ill. Fountain brush. 2,164,432; July 4.
Sem, Mathias O., assignor to Det norske Aktieselskab for Electrokemisk Industri, Oslo, Norway. Self-baking electrode. 2,159,183; May 23.
Seman, Herman J., Philadelphia, Pa. Collar construction. 2,156,704; May 2.
Semar, Harold W., Springfield, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine blade. 2,148,653; Feb. 28.
Semet-Solvay Engineering Corporation. (See McIntire-Charles V., assignor.)
Semet-Solvay Engineering Corporation. (See Oliveros, R. P., and Newman, assignors.)
Semet-Solvay Engineering Corporation. (See Osmer, L. E., and Tiddy, assignors.)
Semion, Walter A., Milford, Conn. Fastening device. 2,163,134; June 20.
Semon, David E., Jacksonville, Fla. Joint for levels and squares. 2,183,086; Dec. 12.
Semon, Waldo L., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Antioxidant. 2,166,223; July 18.
Semon, Waldo L., Silver Lake Village, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Accelerator of vulcanization. 2,170,037; Aug. 22.
Semon, Waldo L., Silver Lake Village, Ohio., assignor to The B. F. Goodrich Company, New York, N. Y. Stress-relieving plastics. 2,176,153; Oct. 17.
"Semperit" Oesterreichisch-Amerikanische Gummiwerke Aktiengesellschaft. (See Hauser, Ernst A., assignor.)
Semple, Charles E., Jr., Youngstown, Ohio. Piezoelectric device. 2,168,809; Aug. 8.
Semple, Charles E., Jr., and F. J. Malat, assignors to Astatic Microphone Laboratory, Inc., Youngstown, Ohio. Electric phonograph pickup. 2,182,138; Dec. 5.
Semple, George C., and C. Shaw, Grangemouth, Stirling, Scotland, assignors to Imperial Chemical Industries Limited, Anthraquinone derivatives. 2,145,954; Feb. 7.
Senauke, Alexander, New York, assignor to Ampere X Electronic Products, Inc., Brooklyn, N. Y. Oscillation generating system. 2,156,230; Apr. 25.
Senauke, Alexander, New York, assignor to King Manufacturing Corporation, Buffalo, N. Y. Dual action volume control. 2,159,453; May 23.
Sence, Victor, deceased; A. McMahon and L. Robert, executors, assignors to J. C. Gonsalves, New York, N. Y. Windshield wiper. 2,176,373; Oct. 17.
Sendzimir, Tadeusz, Katowice, Poland, assignor to The American Rolling Mill Company, Middletown, Ohio. Rolling mill adjustment. 2,169,711; Aug. 15.
Sendzimir, Tadeusz, Katowice, Poland, assignor to The American Rolling Mill Company, Middletown, Ohio. Rolling mill. 2,170,732; Aug. 22.
Seneca Falls Machine Company. (See Smith, Edwin R., assignor.)
Senft, John, York, assignor to The McKay Company, Pittsburgh, Pa. Antiskid cross chain. 2,165,114; July 4.
Seng Company, The. (See Fox, Martin, assignor.)
Sengbusch, Gustav J., Milwaukee, Wis. Making inkstands. 2,147,931; Feb. 21.
Sengbusch Self-Closing Inkstand Company. (See McKay, William G. A., assignor.)
Senger, Cyrus D., South Whitley, Ind. Duplicator. 2,155,909; Apr. 25.
Senger, Werner I., assignor to Gisholt Machine Company, Madison, Wis. Machine tool holder. 2,148,779; Feb. 28.
Senger, Werner I., assignor to Gisholt Machine Company, Madison, Wis. Machine tool transmission and control. 2,151,808; Mar. 28.
Senger, Werner I., assignor to Gisholt Machine Company, Madison, Wis. Machine tool. 2,151,873; Mar. 28.
Senger, Werner I., and V. von K. Sundt, assignors to Gisholt Machine Company, Madison, Wis. Transmission and control mechanism. 2,178,439; Oct. 31.
Senior, Milnor H., Pittstown, N. J. Combination lawn mower, trimmer, sweeper, and soil working machine. 2,148,841; Feb. 28.
Senn, Emil, Riehen, near Basel, assignor to the firm of J. R. Geigy A. G., Basel, Switzerland. Trisazo dyestuffs and their manufacture. 2,183,087; Dec. 12.
Sennett, Bernard A., Sr., Memphis, Tenn. Candy stick machine and making. 2,168,963; Aug. 8.

Sensaud de Lavaud, Dimitri, Paris, France. Hydraulic device for the transmission of power. 2,168,862; Aug. 8.
Sensaud de Lavaud, Dimitri, Paris, France. Hydraulic power-transmitting device. 2,168,863; Aug. 8.
Sentipal, Stephen. (See Mikina, S. J., Oplinger, Osbon, and Sentipal.)
Sentrop, Johannes T., Wyoming Township, Kent County, Mich. Masonry wall construction. 2,184,682; Dec. 26.
Sentry Stop-A-Draft Co., The. (See Raible, Charles G., assignor.)
Senyal, Francesc, New York, N. Y. Water sterilizing apparatus. 2,153,345; Apr. 4.
Separation Process Company. (See Breerwood, Charles H., assignor.)
Separation Process Company. (See Breerwood, C. H., and Williams, assignors.)
Separation Process Company. (See Ried, Robert C., assignor.)
Separation Process Company. (See Vogel-Jorgensen, Mikael, assignor.)
Sepelak, Michael, and J. Milly, New Castle, Pa. Egg opener. 2,172,892; Sept. 12.
Seraphin, Agnes M., New York, N. Y. Toilet seat mat package. 2,155,102; Apr. 18.
Serata, Morris M. (See Haines, William D., assignor.)
Serbell, Victor. (See Godfrey, T. M., and Serbell.)
Serciron, Marcel, Dourdan, France. Manufacture of copper acetoarsenite or Schweinfurt green. 2,159,864; May 23.
Serciron, Marcel, Dourdan, France. Preparation of metallic and ammonium sulphates. 2,175,132; Oct. 3.
Serdock, Arthur, Bellmore, N. Y. Measuring instrument. 2,151,305; Mar. 21.
Serge, Igor B., Grosse Pointe Park, Mich. Speaker. 2,180,615; Nov. 21.
Seright, Carl G. (See Hooyen, F. J., and Seright.)
Seright, Carl G., Dayton, Ohio, assignor to Bendix Radio Corporation, Baltimore, Md. Sensitive indicator. 2,173,487; Sept. 19.
Serini, Arthur. (See Schoeller, W., and Serini.)
Serini, Arthur. (See Schoeller, W., Serini, and Logemann.)
Serini, Arthur, Berlin, L. Strassberger, Berlin, Wilmersdorf, and A. Butenandt, Danzig-Langfuhr, Free City of Danzig, assignors to Schering Aktiengesellschaft, Berlin, Germany. Pregnanone compounds and producing the same. 2,153,700; Apr. 11.
Serini, Arthur, Berlin, L. Strassberger, Berlin-Wilmersdorf, and W. Logemann, Berlin, Germany, assignors to Schering Aktiengesellschaft. Derivatives of androstenols and making the same. 2,182,825; Dec. 12.
Serinis, Neo S., assignor to New Process Rayon, Inc., Gloucester, N. J. Displacement dipper pump. 2,167,690; Aug. 1.
Sermattei, John P., New Brunswick, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Laminated article and making same. 2,146,034; Feb. 7.
Sermopoulas, Zaffereos J. (See Nesbitt, Orville W., assignor.)
Serog, Leopold, Bielsko, Poland. Tube. 2,159,714; May 23.
Serota, Victor, Minneapolis, Minn., assignor to McGraw Electric Company, Chicago, Ill. Toaster guard wire. 2,147,388; Feb. 14.
Serpas, Ernest J., assignor of two-fifths to J. S. Waterman, New Orleans, La. Rotary internal combustion engine. 2,177,045; Oct. 24.
Serrano, Edmundo H., St. Louis, Mo. Apparatus for stringing tennis rackets. 2,154,870; Apr. 18.
Serrell, Robert. (See Conklin, J. W., and Serrell.)
Serrell, Robert, Haddonfield, N. J., assignor to Radio Corporation of America. Magnetron amplifier. 2,155,844; Apr. 25.
Serrurier, Iwan, Los Angeles, Calif. Multiple film rewinder. 2,178,673; Nov. 7.
Servel, Inc. (See Andersson, Sven W. E., assignor.)
Servel, Inc. (See Auslebrook, William J., assignor.)
Servel, Inc. (See Bäckström, Sigurd M., assignor.)
Servel, Inc. (See Bergholm, Harry K., assignor.)
Servel, Inc. (See Blomqvist, G. M., and Torstensson, assignors.)
Servel, Inc. (See Collins, William D., assignor.)
Servel, Inc. (See Collins, W. D., and Nave, assignors.)
Servel, Inc. (See Geddes, Norman B., assignor.)
Servel, Inc. (See Grubb, Gunnar, assignor.)
Servel, Inc. (See Grubb, G. A., and Blomqvist, assignors.)
Servel, Inc. (See Hainsworth, William R., assignor.)
Servel, Inc. (See Hamby, William I., assignor.)
Servel, Inc. (See Kögel, Wilhelm G., assignor.)
Servel, Inc. (See Kögel, W. G., Strandberg, and Grubb, assignors.)
Servel, Inc. (See Kuenzli, Walter A., assignor.)
Servel, Inc. (See Lenning, Alvar, assignor.)
Servel, Inc. (See Lennmor, Gösta G., assignor.)
Servel, Inc. (See Lyford, Robert E., assignor.)
Servel, Inc. (See Lynger, Erik S., assignor.)
Servel, Inc. (See Nauert, Carl H., assignor.)
Servel, Inc. (See Nave, Alfred E., assignor.)
Servel, Inc. (See Ploeger, Clyde E., assignor.)
Servel, Inc. (See Schellens, E. L., and Hamby, assignors.)
Servel, Inc. (See Shipman, Bennet C., assignor.)
Servel, Inc. (See Shuart, Arthur C., assignor.)

Servel, Inc. (See Simpson, Walter M., assignor.)
Servel, Inc. (See Strandberg, Paul, assignor.)
Servel, Inc. (See Sutherland, Donald W., assignor.)
Servel, Inc. (See Ternstrom, Torolf, assignor.)
Servel, Inc. (See Thomas, Albert R., assignor.)
Servel, Inc. (See Ullstrand, Hugo M., assignor.)
Servel, Inc. (See Ullstrand, H. M., and Thomas, assignors.)
Servel, Inc. (See Very, William R. M., assignor.)
Servel, Inc. (See Volpin, Alexander S., assignor.)
Servo-Frein Dewandre Societe Anonyme. (See Defives, Raymond, assignor.)
Servel, Inc. (See von Platen, B. C., and Munters, assignors.)
Servel, Inc. (See Widell, Nils, assignor.)
Servigne, Marcel, assignor to Societe pour l'Etude & l'Exploitation des Matieres Luminescentes, Paris, France. Inorganic luminous material. 2,179,134; Nov 7.
Servo-Frein Dewandre Société Anonyme. (See Dewandre, Albert, assignor.)
Servrite Mfg. Co. (See Wilson, Frank C., assignor.)
Sessions, Alwyn C., New Brunswick, N. J., assignor to California Spray-Chemical Corporation, Berkeley, Calif. Mercury parasiticide and making same. 2,143,282; Jan. 10.
Sessions, Royal L., Los Angeles, and T. A. Mitchell, Torrance, Calif., assignors to Hughes-Mitchell Processes, Incorporated, Denver, Colo. Making zinc carbonate and zinc oxide. 2,144,299; Jan. 17.
Sessions, William C., Lakewood, assignor to The Weather head Company, Cleveland, Ohio. Brake. 2,157,733; May 9.
Seto, Iwao, and M. Sato, assignors to Minami Manshu Tetsudo Kabushiki Kaisha (South Manchuria Railway Co.), Dairen, Manchukuo. Hydrogenation of fatty acid glycerides. 2,147,177; Feb. 14.
Sette, William J. (See Albersheim, W. J., and Sette.)
Settel, Arthur G., New York, N. Y. Fur cutting. 2,174,603; Oct. 3.
Settle, Walter A., Tulsa, Okla. Nutcracker. 2,157,501; May 9.
Sevek, Louis, Omaha, Nebr. Intestine-cleaning mechanism. 2,169,905; Aug. 15.
Severin, Carl E., assignor of one-half to F. Jensen, Rockford, Ill. Method and apparatus for cleaning metal parts. 2,166,644; July 18.
Severin, Edwin. (See Brunnert, O., and Severin.)
Severin, Edwin, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H., Berlin, Germany. Microphone. 2,157,720; May 9.
Severin, Frank W., Evanston, assignor to Venn-Severin Machine Co., Chicago, Ill. Valve actuating mechanism. 2,176,015; Oct. 10.
Severin, Jose, Mulheim-on-the-Ruhr, Germany. Rolling mill for enlarging hollow bodies. 2,164,724; July 4.
Severinghaus, Nelson, Lithonia, assignor to Consolidated Quarries Corporation, Atlanta, Ga. Dump body for trucks. 2,160,789; May 30.
Severn, Arthur B., assignor to A. Stucki, Pittsburgh, Pa. Side bearing. 2,156,705; May 2.
Severn, Arthur B., assignor to A. Stucki, Pittsburgh, Pa. Roller side bearing. 2,156,706; May 2.
Severn, Arthur B., assignor to A. Stucki, Pittsburgh, Pa. Side bearing. 2,169,074; Aug. 8.
Seversky Aircraft Corporation. (See de Seversky, Alexander P., assignor.)
Severy, Melvin L., Los Angeles, Calif., assignor to The Vocalsevro Company of Chicago, Chicago, Ill. Apparatus for producing music synthetically. 2,155,741; Apr. 25.
Severy, Victor H., Berwyn, Ill. Stroboscopic tuning apparatus. 2,143,114; Jan. 10.
Severy, Victor H., Glendale, Calif. Musical instrument. 2,178,706; Nov. 7.
Severy, Victor H., Glendale, Calif. Musical instrument. 2,180,122; Nov. 14.
Severy, Victor H., La Grange, assignor to Wilson & Bennett Manufacturing Company, Chicago, Ill. Container spout. 2,155,910; Apr. 25.
Sewall Paint & Varnish Company. (See Weissert, Gerald E., assignor.)
Seward, Erik W., Bantam, Conn. Highway sand spreader. 2,147,219; Feb. 14.
Seward, Robert B., Guilford, Conn., assignor to Zotos Corporation, New York, N. Y. Hair waving device. 2,175,221; Oct. 10.
Seward, William V., Crescent City, Calif. Hairspring remover for watches and the like. 2,167,089; July 25.
Sewel, Inc. (See Grubb, Gunnar, assignor.)
Sewell, Benjamin W., Tulsa, Okla. Pen-cleaning device. 2,162,865; June 20.
Sewell, Henry R., Jamaica Plain, and R. T. Palmer, Sharon, assignors, by mesne assignments, to B. F. Sturtevant Company, Hyde Park, Boston, Mass. Air conditioning system utilizing refrigeration. 2,159,570; May 23.
Sexton Can Company Incorporated. (See Leighton, George A., assignor.)
Sexton, Wilfred A., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Chemical compounds. 2,166,198; July 18.
Seybert, Mildred H., Rochester, Minn. Sterilizer for surgical dressings. 2,173,733; Sept. 19.
Seybert, Theodore, Chicago, Ill. Batter mixer scraping mechanism. 2,178,269; Oct. 31.
Seybold, Frederick W., Westfield, assignor to American Type Founders, Incorporated, Elizabeth, N. J. Sheet delivery mechanism for printing presses or the like. 2,152,288; Mar. 28.
Seybold, Frederick W., Westfield, N. J., assignor, by mesne assignments, to Binks Manufacturing Company, Chicago, Ill. Nonoffset spraying device. 2,154,363; Apr. 11.
Seybold, Frederick W., Westfield, assignor to American Type Founders, Incorporated, Elizabeth, N. J. Composing room saw. 2,154,999; Apr. 18.
Seybold, Frederick W., Westfield, assignor to American Type Founders, Inc., Elizabeth, N. J. Delivery table mechanism for printing presses. 2,156,032; Apr. 25.
Seybold, Frederick W., Westfield, assignor to American Type Founders Incorporated, Elizabeth, N. J. Composing room saw. 2,160,110; May 30.
Seybold, Frederick W., Westfield, assignor to American Type Founders, Incorporated, Elizabeth, N. J. Composing room saw. 2,184,898; Dec. 26.
Seyferth, Carl G., Muskegon, Mich. Landing gear. 2,142,216; Jan. 3.
Seyforth, Rome C., assignor to The Shelby Metal Products Company, Shelby, Ohio. Pocket atomizer. 2,162,756; June 20.
Seyforth, Rome C., assignor to Shelby Metal Products Company, Shelby, Ohio. Atomizer or sprayer. 2,176,642; Oct. 17.
Seyfried, Arthur W. (See McCabe, J. J., and Seyfried.)
Seyfried, Warren R., Tampa, Fla. Recovering values from phosphate rock. 2,152,364; Mar. 28.
Seyfried, Warren R., Tampa, Fla. Treatment of phosphatic solutions. 2,164,627; July 4.
Seymour-Avery Manufacturing Company. (See Spalink, Fred H., assignor.)
Seymour, Clayton B. (See Handy, R. G., Seymour, and Altenberg.)
Seymour, Edward W., Los Angeles, Calif. Apparatus for wrapping pipe. 2,148,780; Feb. 28.
Seymour, George W., Cumberland, Md., assignor to Celanese Corporation of America. Organic esters of cellulose. 2,148,654; Feb. 28.
Seymour, George W., Cumberland, Md., assignor to Celanese Corporation of America. Coloration of textile materials. 2,148,655; Feb. 28.
Seymour, George W., Cumberland, Md., assignor to Celanese Corporation of America. Artificial material and making same. 2,157,190; May 9.
Seymour, George W., Cumberland, Md., assignor to Celanese Corporation of America. Stabilizing organic esters of cellulose. 2,169,329; Aug. 15.
Seymour, George W., Cumberland, Md., assignor to Celanese Corporation of America. Organic esters of cellulose. 2,169,330; Aug. 15.
Seymour, George W., Cumberland, Md., assignor to Celanese Corporation of America. Treatment of textile materials. 2,182,323; Dec. 5.
Seymour, J. Howard. (See Putnam, J. T., and Shure, assignor.)
Seymour, Lynn L., De Kalb, assignor to The Creamery Package Mfg. Company, Chicago, Ill. Bottle capping apparatus. 2,164,026; June 27.
Seymour, Merrill W., assignor to Eastman Kodak Company, Rochester, N. Y. Color correction for color photography. 2,169,009; Aug. 8.
Seymour, Merrill W., assignor to Eastman Kodak Company, Rochester, N. Y. Color photography. 2,184,022; Dec. 19.
Seymour & Peck Co. (See Arnold, Charles B., assignor.)
Shaback, Andrew J., assignor to Electric Service Supplies Company, Philadelphia, Pa. Pull switch. 2,167,253; July 25.
Shackelford, Samuel E. (See Meyer, G. W., and Shackelford.)
Shackett, George E., Milwaukee, Wis., assignor to Woodcrete Corporation of Wisconsin. Building material. 2,181,466; Nov. 28.
Shackleford, Forrest. (See Ross, O. A., and Shackleford.)
Shackleton, Jack. (See Dearsley, G., and Shackleton.)
Shackleton, Jack, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Application of sections of material to a running web. 2,162,566; June 13.
Shackleton, Walter L., assignor to Barker & Jones Limited, Wallasey, England. Excavator. 2,150,848; Mar. 14.
Shade, Charles F., Reading, assignor of one-third to A. W. Golden and one-third to G. D. Manderbach, Wyomissing, Pa. Mechanism for atomizing fuel oil. 2,175,856; Oct. 10.
Shade, Frank S., assignor to National Blank Book Company, Holyoke, Mass. Loose-leaf ring binder. 2,150,590; Mar. 14.
Shadrack, Henry W. (See Quick, C. G., and Shadrack.)
Shadrick, Richard H. (See McElroy, I. E., and Shadrick.)
Shaeffer, George D., Bucyrus, Ohio, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Road grader. 2,162,360; June 13.
Shafarman, Isaac J., Cleveland, Ohio. Hanger. 2,150,869; Mar. 14.
Shafer, Alvin O., assignor to Rikerd Lumber Company, Lansing, Mich. Automatic wrapping machine. 2,152,330; Mar. 28.

Shafer, Homer J., Galion, Ohio. Gas regulator system. 2,148,509; Feb. 28.
Shafer, Irwin W., New York, N. Y. Safety swimming appliance. 2,173,567; Sept. 19.
Shafer, James A., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck. 2,153,647; Apr. 11.
Shafer, James A., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck. 2,153,648; Apr. 11.
Shafer, James A., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck. 2,153,649; Apr. 11.
Shafer, James A., East Cleveland, assignor to National Malleable and Steel Castings Company, Cleveland, Ohio. Car truck. 2,154,919; Apr. 18.
Shafer, Lewis W., Bridgeport, Conn., assignor to Remington Rand Inc., Buffalo, N. Y. Copy holder. 2,155,246; Apr. 18.
Shafer, Samuel, Jr., and R. A. Seidenstricker, assignors to Chain Belt Company, Milwaukee, Wis. Sedimentation apparatus. 2,150,865; Mar. 14.
Shaff, Ernest H., assignor to William H. Keller, Inc., Grand Haven, Mich. Rotary driving tool. 2,143,173; Jan. 10.
Shaff, Ernest H., Grand Haven, Mich., assignor to Bendix Products Corporation, South Bend, Ind. Carburetor. 2,156,128; Apr. 25.
Shaff, Ernest H., assignor to William H. Keller, Inc., Grand Haven, Mich. Pressure fluid motor. 2,159,232; May 23.
Shaffer, Elgie R., Columbus, Ohio. Trailer coupling and automatic brake mechanism. 2,149,188; Feb. 28.
Shaffer, Elgie R., Columbus, Ohio. Trailer coupling and automatic brake mechanism. 2,149,189; Feb. 28.
Shaffer, Fredrick O., assignor of one-half to J. T. Hegland, Minneapolis, Minn. Combustion device. 2,154,706; Apr. 18.
Shaffer, Glenn B. (See Brown, L., and Shaffer.)
Shaffer, Guy J., Palo Alto, Calif. Trowel. 2,178,899; Nov. 7.
Shaffer, Harry G., Pierce City, assignor of three thirty-seconds to H. Badger, Lawrence County, Mo. Parachute. 2,181,611; Nov. 28.
Shaffer, John E., assignor of one-half to J. L. Smith, Tulsa, Okla. Tubing oil saver. 2,163,327; June 20.
Shaffer, William D. (See Schweitzer, F. J., and Shaffer.)
Shafor, Ralph W. (See Roberts, E. J., and Shafor.)
Shaker, Louis N., Waterbury, Conn. Automatic winding mechanism for timepieces. 2,176,278; Oct 17.
Shakespeare Company. (See Balz, W. G., and Clickner, assignors.)
Shakespeare Company. (See Burdick, F., and Russell, assignors.)
Shakespeare Company. (See Catron, Ty, assignor.)
Shakespeare Company. (See Russell, Samuel G., assignor.)
Shakespeare Company. (See Shakespeare, William, Jr., assignor.)
Shakespeare, Henry G., assignor to Shakespeare Products Company, Kalamazoo, Mich. Electrical cigar lighter. 2,151,446; Mar. 21.
Shakespeare, Henry G., assignor to Shakespeare Products Company, Kalamazoo, Mich. Connecting link. 2,158,838; May 16.
Shakespeare Products Company. (See Shakespeare, Henry G., assignor.)
Shakespeare Products Company. (See Weber, Herman, assignor.)
Shakespeare, William, Jr., assignor to Shakespeare Company, Kalamazoo, Mich. Level wind fishing reel. 2,160,175; May 30.
Shaler Company, The. (See Hanson, Harold H., assignor.)
Shaler, William T., Silver Creek, N. Y. Mechano-vibratory apparatus. 2,178,813; Nov. 7.
Shambaugh, Willard, et al., coexecutors. (See Jauch, R. J., Sturm, and Griffin.)
Shambow Shuttle Company. (See Benoit, Ovila J., assignor.)
Shambow Shuttle Company. (See Murphy, James A., assignor.)
Shanahan, Charles J., et al. (See Fairbank, Franklin N., assignor.)
Shanahan, Frank M., assignor to The Murray Corporation of America, Detroit, Mich. Vehicle seat. 2,165,306; July 11.
Shanahan, George D. (See Reiger, G. M., and Shanahan.)
Shand, Errol B., Corning, N. Y., assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Fiber glass wicking. 2,184,899; Dec. 26.
Shane, William, Paterson, N. J., assignor to The Superheater Company, New York, N. Y. Locomotive superheater. 2,167,090; July 25.
Shangle, Amos H. (See Hampton, L. N., and Shangle.)
Shangle, Amos H., Roselle, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Holder for electrically heated tools. 2,174,230; Sept. 26.
Shanhouse, Leonard, Rockford, Ill. Hunting coat. 2,150,251; Mar. 14.
Shanklin, George B., Schenectady, N. Y., assignor to General Electric Company. Joint for gas-filled cables. 2,176,749; Oct. 17.
Shanklin, John P., Marion, Va. Method for direct indication of position in a given area. 2,144,203; Jan. 17.
Shanklin Manufacturing Company. (See Ludovici, Renato, assignor.)
Shankweiler, Fred K., Newport, assignor to Hercules Powder Company, Wilmington, Del. Moistureproofed material. 2,181,160; Nov. 28.
Shanley, Francis R., Washington, D. C., assignor to the Government of the United States of America, as represented by the Secretary of the Navy. Airplane safety device. 2,182,706; Dec. 5.
Shanley, Walter A., Brooklyn Heights, N. Y. Mechanical motion. 2,169,663; Aug. 15.
Shanley, William C., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Plumbing system. 2,148,968; Feb. 28.
Shanley, William C., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Air inlet device for flush valves. 2,155,845; Apr. 25.
Shanley, William C., assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Vacuum breaker. 2,161,204; June 6.
Shannon, Charles D. (See Hill, N. C., and Shannon.)
Shannon, Charles D., Florence, Northampton, Mass. Game. 2,157,023; May 2.
Shannon, Jack F. (See Dickey, P. S., and Shannon.)
Shannon, Joseph, Beaumont, Tex. Lens grinding machine. 2,176,154; Oct. 17.
Shannon, Michael. (See Gumkowski, John, assignor.)
Shannon, Paul B., et al. (See Smith, Merton J., assignor.)
Shannon, Randolph W., Washington, D. C. Panel and support therefor. 2,158,732; May 16.
Shannon, Ross C. (See Hanrahan, W., Mineah, and Shannon.)
Shantz, Edgar. (See Callin, J. J., and Shantz.)
Shapiro, Abraham, Chicago, Ill. Rubbing wax composition. 2,153,161; Apr. 4.
Shapiro, Abraham, Chicago, Ill. Making liquors. 2,160,036; May 30.
Shapiro, Henry, New York, and I. Joffe, Brooklyn, N. Y.; said Shapiro assignor to said Joffe. Power transmission device. 2,149,873; Mar. 7.
Shapiro, Isadore, assignor to The Athletic Shoe Company, Chicago, Ill. Athletic shoe. 2,177,155; Oct. 24.
Shapiro, Isadore, assignor to The Athletic Shoe Company, Chicago, Ill. Shoe insole. 2,177,156; Oct. 24.
Shapiro, Jacob, Brooklyn, N. Y. Ice and the like bag. 2,173,288; Sept. 19.
Shapleigh, James H., assignor to Hercules Powder Company, Wilmington, Del. Synthesis of ammonia from its elements. 2,166,611; July 18.
Shapleigh, James H., assignor to Hercules Power Company, Wilmington, Del. Apparatus and process for catalytic reactions. 2,173,984; Sept. 26.
Sharar, Chester R., Los Angeles, Calif. Hydraulic clutch. 2,175,413; Oct. 10.
Shard, Elmer A., and H. G. Weiss, Cincinnati, Ohio. Ticket issuing machine. 2,146,449; Feb. 7.
Shardlow, Lawrence R., Arlington, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Stem for electron discharge devices. 2,151,809; Mar. 28.
Shardlow, Lawrence R., Arlington, N. J., assignor, by mesne assignments, to Radio Corporation, New York, N. Y. Spacer for electron discharge devices. 2,175,707; Oct. 10.
Share, Barnett, Jamaica Estates, N. Y. Float valve for hydraulic pumping systems. 2,180,173; Nov. 14.
Sharkey, Michael, Brooklyn, N. Y. Truck tipper and wheel lock. 2,142,379; Jan. 3.
Sharma, Devendra N., London, England. Radio beacon. 2,173,137; Sept. 19.
Sharma, Devendra N., London, England. Aircraft navigation system. 2,173,863; Sept. 26.
Sharma, Jagan N., West Los Angeles, assignor to Food Machinery Corporation, San Jose, Calif. Composition for coating fruits and vegetables. 2,153,487; Apr. 4.
Sharp & Company. (See Sharp, Robert P., assignor.)
Sharp Deflecting Tool Company. (See Potts, Ernest L., assignor.)
Sharp & Dohme, Incorporated. (See Cope, Arthur C., assignor.)
Sharp & Dohme, Incorporated (1929). (See Cope, A. C., Hartung, and Crossley, assignors.)
Sharp & Dohme, Incorporated. (See Masucci, Peter, assignor.)
Sharp & Dohme, Incorporated (1929). (See Pittenger, Paul S., assignor.)
Sharp & Dohme, Incorporated. (See Pittenger, P. S., and Jester, assignors.)
Sharp & Dohme, Incorporated. (See Read, Roland R., assignor.)
Sharp & Dohme, Incorporated. (See Reichel, John, assignor.)
Sharp, Donald E., and W. Horak, assignors to Bailey & Sharp Co., Hamburg, N. Y. Heat-absorbing glass. 2,144,943; Jan. 24.
Sharp, George G., Wyoming, Millburn Township, Essex County, N. J. Top member for self-contained wall structures. 2,159,296; May 23.
Sharp, Harold R., assignor of one-half to R. M. Sharp, Waterloo, Iowa. Motor drill for oil well casings and the like. 2,184,817; Dec. 26.

Sharp, John E. (See Armitage, J. L., and Sharp.)
Sharp, John E., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Screw closure. 2,142,380; Jan. 3.
Sharp, John H. (See Anderson, Harley E., assignor.)
Sharp, John H., et al. (See Wilsey, Irven H., assignor.)
Sharp, John H., Chicago, Ill. Churn. 2,170,280; Aug. 22.
Sharp, John M., Columbus, Ohio. Safety signaling means. 2,153,277; Apr. 4.
Sharp, Meadows, St. Catharines, Ontario, Canada. Antenna for motor vehicles. 2,163,471; June 20.
Sharp, Owen O., Burlingame, Calif. Toy vehicle. 2,147,860; Feb. 21.
Sharp, Paul F., and D. B. Hand, assignors to Cornell Research Foundation, Inc., Ithaca, N. Y. Making beta lactose. 2,182,618; Dec. 5.
Sharp, Paul F., and D. B. Hand, assignors to Cornell Research Foundation, Inc., Ithaca, N. Y. Preparing beta lactose. 2,182,619; Dec. 5.
Sharp, Ray M. (See Sharp, Harold R., assignor.)
Sharp, Robert H. (See Stilson, H. A., and Sharp.)
Sharp, Robert P., assignor to Sharp & Company, Uvalde, Tex. Book protector. 2,145,098; Jan. 24.
Sharp, Robert P., assignor to Sharp & Company, Uvalde, Tex. Book protector. 2,145,099; Jan. 24.
Sharp, Robert P., assignor to Sharp & Company, Uvalde, Tex. Pick-up device. 2,145,807; Jan. 31.
Sharp, William H., Columbus, Ohio. Supporting the meeting ends of railroad rails. 2,150,041; Mar. 7.
Sharpe, John S., Haverford, Pa. Mechanical movement. 2,170,733; Aug. 22.
Sharpe, John S., Haverford, Pa. Transmission. 2,174,483; Sept. 26.
Sharpe, Louis, Chicago, Ill. Basin wrench. 2,166,449; July 18.
Sharpe Manufacturing Company. (See Hulse, Arthur F., assignor.)
Sharples Corporation, The. (See Scott, Ashton T., assignor.)
Sharples Corporation, The. (See Jones, Leo D., assignor.)
Sharples, Laurence P., Ardmore, assignor to The Sharples Specialty Company, Philadelphia, Pa. Centrifugal separator. 2,147,414; Feb. 14.
Sharples, Laurence P., Ardmore, assignor to Milk Processes, Inc., Philadelphia, Pa. Making creamery products. 2,150,943; Mar. 21.
Sharples, Laurence P., Ardmore, assignor to Milk Processes, Inc., Philadelphia, Pa. Treatment of creamery products. 2,150,944; Mar. 21.
Sharples Solvents Corporation, The. (See Clark, L. H., and Deibel, assignors.)
Sharples Solvents Corporation, The. (See Clark, L. H., Olin, and Deibel, assignors.)
Sharples Solvents Corporation, The. (See Gill, Charles E., assignor.)
Sharples Solvents Corporation, The. (See Olin, John F., assignor.)
Sharples Solvents Corporation, The. (See Schaefer, Joseph J., assignor.)
Sharples Solvents Corporation, The. (See Thomas, Charles A., assignor.)
Sharples Specialty Company, The. (See Sharples, Laurence P., assignor.)
Shatto, Adrienne, and A. Jardot, New York, N. Y. Abdominal reducer. 2,163,107; June 20.
Shattow, Emil E., Chicago, Ill. Drafting tool. 2,142,765; Jan. 3.
Shattuck, S. W., Chemical Company, The. (See Potter, John S., assignor.)
Shauer, Leon S., administrator. (See Shauer, Louis S.)
Shauer, Louis S., deceased, Los Angeles, Calif., L. S. Shauer, administrator. Mattress covering bed sheet. 2,162,755; June 20.
Shaughnessy, Harry G., Highland Park, Mich., assignor to Peninsular Metal Products Corporation. Trailer draft connection. 2,169,299; Aug. 15.
Shaulis, Edward E. (See Figg, L. J., Jr., and Shaulis.)
Shaver, James B., East Cleveland, Ohio. Air conditioning apparatus. 2,170,576; Aug. 22.
Shaver, William W. (See Lillie, H. R., and Shaver.)
Shaver, William W., and H. K. Martin, assignors to Corning Glass Works, Corning, N. Y. Glass vessel. 2,177,336; Oct. 24.
Shaw, Albert E., Chicago, Ill. Drafting instrument. 2,161,236; June 6.
Shaw, Albert L., Corinne, Utah. Glass-cutting machine. 2,174,183; Sept. 26.
Shaw, Burton E., Adel, assignor to Penn Electric Switch Co., Des Moines, Iowa. Dual controlled switch. 2,151,238; Mar. 21.
Shaw, Burton E., Adel, assignor to Penn Electric Switch Co., Des Moines, Iowa. Wall temperature compensated room thermostat. 2,158,435; May 16.
Shaw, Burton E., assignor to Penn Electric Switch Co., Goshen, Ind. Water valve. 2,158,436; May 16.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Combination fan and limit switch structure. 2,158,437; May 16.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Burner control apparatus. 2,162,126; June 13.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Switch unit. 2,170,341; Aug. 22.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Display board operating system. 2,173,400; Sept. 19.
Shaw, Burton E., Bristol, assignor to Penn Electric Switch Co., Goshen, Ind. Transport operator. 2,176,381; Oct. 17.
Shaw, Cecil. (See Hardacre, R. W., Holden, and Shaw.)
Shaw, Cecil. (See Semple, G. C., and Shaw.)
Shaw, Charles P., assignor to Detroit Moulding Corporation, Detroit, Mich. Graining apparatus. 2,145,320; Jan. 31.
Shaw, Charles P., assignor to Detroit Moulding Corporation, Detroit, Mich. Plate inking device and method. 2,151,411; Mar. 21.
Shaw, Clarence W., Detroit, Mich., assignor, by mesne assignments, to Eaton Manufacturing Company, Cleveland, Ohio. Closure device, 2,145,739; Jan. 31.
Shaw, Clarence W., Detroit, Mich., assignor, by mesne assignments, to Eaton Manufacturing Company, Cleveland, Ohio. Venting device. 2,157,635; May 9.
Shaw, Dudley, Oklahoma City, Okla. Block or conduit forming apparatus. 2,164,953; July 4.
Shaw, Edward L., Brookline, assignor to Shawlock, Inc., Boston, Mass. Boring tool. 2,168,176; Aug. 1.
Shaw, Edward T., assignor to Shaw Transmission Co., Pittsfield, Mass. Power transmission mechanism. 2,157,352; May 9.
Shaw, Ernest W., assignor to The France Foundry & Machine Co., Toledo, Ohio. Curb inlet. 2,159,752; May 23.
Shaw, Henry B., Fort Smith, Ark. Motor control system for a traffic signal. 2,157,636; May 9.
Shaw, Harry F. (See Kling, F. E., and Shaw.)
Shaw, John N., Seattle, Wash. Coffee urn. 2,174,096; Sept. 26.
Shaw, Kenneth R., assignor to Easthampton Rubber Thread Co., Easthampton, Mass. Rubber thread and making same. 2,165,986; July 11.
Shaw, Kenneth R., assignor to Easthampton Rubber Thread Co., Easthampton, Mass. Manufacture and use of rubber thread. 2,169,886; Aug. 15.
Shaw, Kenneth R., assignor to Easthampton Rubber Thread Co., Easthampton, Mass. Rubber thread and making same. Re. 20,977; Jan. 10.
Shaw, Louis E., East Orange, N. J. Sharpening device. 2,147,464; Feb. 14.
Shaw, Louis E., East Orange, N. J. Pasteboard carton. 2,167,913; Aug. 1.
Shaw, Melvin C. (See Kollberg, G. L., and Shaw.)
Shaw, Noble C., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,156,685; May 2.
Shaw, Percy, Halifax, England. Block for road surface marking. 2,146,359; Feb. 7.
Shaw, Richard J., Phoenix, Ariz. Road construction. 2,181,670; Nov. 28.
Shaw, Robert J., and J. R. Slavsky, Detroit, Mich. Price tag fastener. 2,142,085; Jan. 3.
Shaw, Stanley M., Dearborn, Mich. Lapping machine. 2,163,438; June 20.
Shaw, Thomas, Cranston, R. I. Box hand truck. 2,152,217; Mar. 28.
Shaw Transmission Co. (See Shaw, Edward T., assignor.)
Shaw, Victor S. (See Pocock, P. C., and Shaw.)
Shaw, Vincent L., Evanston, Ill. Beverage shaker. 2,146,860; Feb. 14.
Shaw-Walker Company, The. (See Hunter, David E., assignor.)
Shaw-Walker Company, The. (See Page, John H., assignor.)
Shaw, Walter, Huddersfield, England. Yarn winding machine. 2,163,328; June 20.
Shaw, William A., Denver, Colo. Air cleaner. 2,155,911; Apr. 25.
Shaw, William C., Woodstock, Ontario, Canada, assignor, by mesne assignments, to Linderman Devices, Incorporated, Wilmington, Del. Fluid brake construction. 2,162,757; June 20.
Shaw, William H., Mimico, Ontario, Canada, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Tobacco pouch. 2,166,224; July 18.
Shawhan, Samuel F., Maplewood, and C. M. Ashley, Summit, assignors, by mesne assignments, to Carrier Corporation, Newark, N. J. Fluid circulating system. 2,167,466; July 25.
Shawhan, Sam F., assignor to Carrier Corporation, Syracuse, N. Y. Fan apparatus. 2,181,628; Nov. 28.
Shawinigan Chemicals Limited. (See Benson, Gwyn, assignor.)
Shawinigan Chemicals Limited. (See Blaikie, K. G., and Crozier, assignors.)
Shawinigan Chemicals Limited. (See Morrison, G. O., and Price, assignors.)
Shawlock, Inc. (See Shaw, Edward L., assignor.)
Shawmut Engineering Company. (See Hathaway, E. F., and Bixby, assignors.)
Shawver, William R. (See Grether, E. F., Shawver, and Du Vall.)
Shay, J. C., Incorporated. (See Boericke, G. W., and Young, assignors.)
Shayne, Aryan. (See Held, B., and Shayne.)
Shea, James J., Springfield, and W. F. Irrgang, Chicopee, assignors to United States Envelope Company, Springfield, Mass. Forming envelopes. 2,153,848; Apr. 11.

Shea, Joseph H., Baldwin, N. Y. Apparatus for the manufacture of printing plates. 2,158,158; May 16.
Shea, Martin F., and E. A. Speakman, Detroit, Mich., assignors to Transitone Automobile Radio Company, Philadelphia, Pa. Automobile radio antenna. 2,146,654; Feb. 7.
Shea, Stephen P., assignor of one-half to A. H. McKane, East St. Louis, Ill. Pipe hanger. 2,163,635; June 27.
Sheaffer, W. A., Pen Company. (See Stempel, Herman K., assignor.)
Sheaffer, W. A., Pen Company. (See Wright, Howard S., assignor.)
Sheane, Francis L., Bridgeport, assignor to Shelton Tack Company, Shelton, Conn. Rivet setting machine. 2,179,900; Nov. 14.
Shearer, Francis W. (See Nevatt, C. G., and Shearer.)
Shearer, John P., assignor to Bloomer Bros. Company, Newark, N. Y. Carton construction. 2,154,475; Apr. 18.
Shearer, Walter V., West Springfield, assignor to The Beveridge-Marvellum Company, Holyoke, Mass. Coating machine. 2,163,712; June 27.
Shebel, Paul P. (See Hahn, C. E., and Shebel.)
Shebol, Joseph, Syracuse, N. Y. Electric motor. 2,169,539; Aug. 15.
Sheck, Oscar. (See Lichtenberg, E. H., and Sheck.)
Shedd, Claude K., and E. V. Collins, assignors, by mesne assignments, to Iowa State College Research Foundation, Ames, Iowa. Check row planter. 2,175,035; Oct. 3.
Sheedy, Frank T., San Mateo, and L. Traung, assignors to The Traung Company, San Francisco, Calif. Paper sheet breaking apparatus. 2,174,112; Sept. 26.
Sheehan, William M. (See Hallquist, E. G., and Sheehan.)
Sheehe, Robert E., Buffalo, N. Y. Check for doors and the like. 2,158,257; May 16.
Sheehy, Thomas P., et al. (See Thornton, Albert A., assignor.)
Sheerr, Maurice J., Philadelphia, Pa. Hair inner lining. 2,168,002; Aug. 1.
Sheesley, Horace A., assignor to Tufide Products Corporation, Portland, Maine. Artificial leather composition. 2,146,771; Feb. 14.
Sheets, Er M. (See McCall, F. W., and Sheets.)
Sheffield, Cyril C. (See Jerram, A. E., and Sheffield.)
Sheffield, Donald H., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Production of terpineol from pinene. 2,178,349; Oct. 31.
Sheffield, Donald H., Brunswick, Ga., assignor to Hercules Powder Company, Wilmington, Del. Preparation of terpene ethers. 2,182,826; Dec. 12.
Sheffield Gage Corporation, The. (See Aller, Willis F., assignor.)
Sheffield Gage Corporation, The. (See Markwick, Frederick H., assignor.)
Sheffield Gage Corporation, The. (See Markwick, F. H., and Poock, assignors.)
Sheffield Gage Corporation, The. (See Poock, L. F., and Aller, assignors.)
Sheffield, John E. (See Prance, E. E., and Sheffield.)
Sheffield, Mallon J. (See Winslow, R. H., and Sheffield.)
Sheffield Steel Corporation. (See Brandt, Fred H. G., assignor.)
Sheffield Steel Corporation. (See Hagenbuch, C. W., and McCoy, assignors.)
Sheffield Steel Corporation. (See McFarland, Frank R., assignor.)
Shehan, William E., Los Angeles, Calif. Facer board structure for venetian blinds and the like. 2,155,152; Apr. 18.
Shehan, William E., Los Angeles, Calif. Venetian blind operating mechanism. 2,157,637; May 9.
Shehee, J. Glenn, et al. (See Funk, Charles J., assignor.)
Shelby, Albert, Buffalo, N. Y. Device for straightening hair. 2,170,577; Aug. 22.
Shelby Metal Products Company, The. (See Seyforth, Rome C., assignor.)
Shelby, Palm L. (See Natkiel, Harry, assignor.)
Shelby, Robert E., Teaneck, N. J., assignor to Radio Corporation of America. Electronic modulator for constant frequency variable dot transmission. 2,171,150; Aug. 29.
Shelby Salesbook Company. (See Critchfield, Walter O., assignor.)
Sheldon, Allen D., Lexington, Nebr. Hitch. 2,144,580; Jan. 17.
Sheldon, Cecil H., Manter, Kans. Tank filling device. 2,164,789; July 4.
Sheldon, Cecil M. (See Duncklee, E. R., and Sheldon.)
Sheldon, Henry C., Oak Park, and W. H. Towne, Wilmette, Ill., assignors to Gifford-Wood Company, Hudson, N. Y. Ice cubing machine. 2,153,438; Apr. 4.
Sheldon, Louis, Chicago, Ill. Cap remover. 2,166,972; July 25.
Sheldon, Waldo, South Norwalk, Conn. Rotary drilling. 2,180,724; Nov. 21.
Sheldrick, Henry W. (See Collier, D. R., and Sheldrick.)
Sheldrick, Henry W., assignor to Collier-Keyworth Company, Gardner, Mass. Chair base. 2,168,810; Aug. 1.
Sheldrick, Laurence S., assignor to Ford Motor Company, Dearborn, Mich. Vehicle brake. 2,173,615; Sept. 19.
Shell Development Company. (See Allen, Clyve, assignor.)
Shell Development Company. (See Allum, Arthur E., Jr.)
Shell Development Company. (See Alzner, Egon, assignor.)
Shell Development Company. (See Anderson, A. P., and Jahn, assignors.)
Shell Development Company. (See Anderson, Alvin P., assignor.)
Shell Development Company. (See Bent, F. A., Loomis, and Lawton, assignors.)
Shell Development Company. (See Bent, F. A., Millar, and Wik, assignors.)
Shell Development Company. (See Bent, Franklin A., assignor.)
Shell Development Company. (See Boerlage, Gerrit D., assignor.)
Shell Development Company. (See Bogdan, Mihai, assignor.)
Shell Development Company. (See Boultbee, Arthur H., assignor.)
Shell Development Company. (See Broeze, J. J., and van Driel, assignors.)
Shell Development Company. (See Coltof, Willem, assignor.)
Shell Development Company. (See Deanesly, R. M., and Wachter, assignors.)
Shell Development Company. (See Deanesly, R. M., Williams, and Steck, assignors.)
Shell Development Company. (See Deanesly, Richard M., assignor.)
Shell Development Company. (See de Simó, M., and Brady, assignors.)
Shell Development Company. (See de Simó, M., and McAllister, assignors.)
Shell Development Company. (See Eichwald, Egon, assignor.)
Shell Development Company. (See Engs, W., and Fairbairn, assignors.)
Shell Development Company. (See Evans, T. W., and Bullard, assignors.)
Shell Development Company. (See Evans, Theodore, assignor.)
Shell Development Company. (See Evjen, Haakon M., assignor.)
Shell Development Company. (See Francis, Charles E., assignor.)
Shell Development Company. (See Gage, William P., assignor.)
Shell Development Company. (See Greensfelder, B. S., and Spaght, assignors.)
Shell Development Company. (See Groll, H. P. A., and Hearne, assignors.)
Shell Development Company. (See Groll, H. P. A., and Burgin, assignors.)
Shell Development Company. (See Groll, H. P. A., Hearne, Burgin, and La France, assignors.)
Shell Development Company. (See Groll, Herbert P. A., assignor.)
Shell Development Company. (See Huijser, H. W., and de Nooijer, assignors.)
Shell Development Company. (See Hund, W, J., and Rosenstein, assignors.)
Shell Development Company. (See Hund, W. J., and Rowe, assignor.)
Shell Development Company. (See Hund, W. J., Thomas, and Luten, Jr., assignors.)
Shell Development Company. (See Joedicke, Fritz, assignor.)
Shell Development Company. (See Jones, Paul N., assignor.)
Shell Development Company. (See Klemgard, E. N., and Ricketts, assignors.)
Shell Development Company. (See Klomp, Johan W., assignor.)
Shell Development Company. (See Loomis, A. G., Byck, and Fidiam, assignors.)
Shell Development Company. (See Lounsbury, Harold I., assignor.)
Shell Development Company. (See Luten, D. B., Jr., and Thomas, assignors.)
Shell Development Company. (See McAllister, S. H., and Bailey, assignors.)
Shell Development Company. (See McAllister, S. H., Bouton, and Bailey, assignors.)
Shell Development Company. (See McAllister, S. H., and Bullard, assignors.)
Shell Development Company. (See McAllister, S. H., and Johnson, assignors.)
Shell Development Company. (See McAllister, Sumner H., assignor.)
Shell Development Company. (See McKittrick, D. S., and Henriques, assignors.)
Shell Development Company. (See McKittrick, Donald S., assignor.)
Shell Development Company. (See Miller, R. W., and Maycock, assignors.)
Shell Development Company. (See Milmore, Oswald H., assignor.)
Shell Development Company. (See Moser, Franz R., assignor.)
Shell Development Company. (See Muzzey, David S., Jr., assignor.)
Shell Development Company. (See Nederbragt, Gerrit W., assignor.)

Shell Development Company. (See Oldershaw, Charles F., assignor.)
Shell Development Company. (See Perquin, J. N. J., and Stokman, assignors.)
Shell Development Company. (See Pustmueller, Paul S., assignor.)
Shell Development Company. (See Pyzel, Ewald D., assignor.)
Shell Development Company. (See Retailliau, Edmond R. P. E., assignor.)
Shell Development Company. (See Ricketts, Vernon L., assignor.)
Shell Development Company. (See Rosebaugh, Theodore W., assignor.)
Shell Development Company. (See Rosenstein, Ludwig, assignor.)
Shell Development Company. (See Ruys, J. D., and McCombie, assignors.)
Shell Development Company. (See Ruys, J. D., Pyzel, assignors.)
Shell Development Company. (See Ruys, Jan D., assignor.)
Shell Development Company. (See Schaafsma, A., and Versteeg, assignors.)
Shelton Tack Company. (See Sheane, Francis L., assignor.)
Shell Development Company. (See Spear, Herbert E., assignor.)
Shell Development Company. (See Steck, L. V., and Bent, assignors.)
Shell Development Company. (See Straatman, A. G. H., and Rees, assignors.)
Shell Development Company. (See Straatman, Alphons G. H., assignor.)
Shell Development Company. (See Talley, S. K., and Gutzeit, assignors.)
Shell Development Company. (See Tamele, M. W., and Groll, assignors.)
Shell Development Company. (See Taylor, Marion D., assignor.)
Shell Development Company. (See Tijmstra, Sijbren, assignor.)
Shell Development Company. (See Tulleners, Anton J., assignor.)
Shell Development Company. (See van Dijck, Willem J. D., assignor.)
Shell Development Company. (See van Doormaal, Piet M., assignor.)
Shell Development Company. (See van Peski, A. J., and Hoeffelman, assignors.)
Shell Development Company. (See van Peski, A. J., and Moser, assignors.)
Shell Development Company. (See van Peski, A. J., and van Melsen, assignors.)
Shell Development Company. (See van Peski, A. J., and Tulleners, assignors.)
Shell Development Company. (See van Peski, Adrianua J.)
Shell Development Company. (See van Tonningen, Johannes H. W. R., assignor.)
Shell Development Company. (See van Wijk, W. R., and van Dijck, assignors.)
Shell Development Company. (See van Wijk, W. R., van Dijck, and Bart, assignors.)
Shell Development Company. (See von Fuchs, G. H., and Border, assignors.)
Shell Development Company. (See von Fuchs, George H., assignor.)
Shell Development Company. (See Waterman, H. I., and de Kok, assignors.)
Shell Development Company. (See Waterman, H. I., and van Vlodrop, assignors.)
Shell Development Company. (See Welke, Ferdinand G., assignor.)
Shell Development Company. (See Yabroff, D. L., and White, assignors.)
Shell Development Company. (See Yabroff, David L., assignor.)
Shell Development Company. (See Zublin, Ernest W., assignor.)
Shellabarger, Rolla A., Decatur, Ill., assignor to H. C. Marshall, St. Louis County, Mo. Signal lantern. 2,156,742; May 2.
Shelley, James H., Los Angeles, Calif. Toilet seat cover dispenser. 2,153,279; Apr. 4.
Shelley, James H., Los Angeles, Calif., assignor, by mesne assignments, to Protecto Products Co., Inc. Towel dispensing holder. 2,153,278; Apr. 4.
Shelley, Paul G., assignor to The Dow Chemical Company, Midland, Mich. Treatment of wells. 2,171,011; Aug. 29.
Shelley, Ray G. (See Allen, M. C., and Shelley.)
Shellmar Products Company. (See Engel, William H., assignor.)
Shellmar Products Company. (See Gilfillan, Paul M., assignor.)
Shellmar Products Company. (See Gurwick, Irving, assignor.)
Shellmar Products Company. (See Moore, William L., assignor.)
Shellmar Products Company. (See Overshiner, Ellsworth B., assignor.)
Shelly, Franklin E. (See Nash, A. E., and Shelly.)
Shelly, Harry W., St. Joseph, Mo. Auto direction signal. 2,149,125; Feb. 28.
Shelor, Frederick L., Sandston, assignor to Innovation Brakes, Inc., Richmond, Va. Braking device. 2,153,280; Apr. 4.
Shelor, Frederick L., Jr., Sandston, assignor to Innovation Brakes, Inc., Richmond, Va. Fluid pressure controlled brake device. 2,152,669; Apr. 4.
Shelor, Frederick L., Sandston, assignor to The Richmond Foundry & Mfg. Co. Inc., Richmond, Va. Lawn mower. 2,167,222; July 25.
Shelton, Andrew B., Columbus, Ga. Selvage trimming temple for looms. 2,162,645; June 13.
Shelton, Ernest L., et al. (See Dockery, John T., assignor.)
Shelton, Lillian C., and M. E. Rodgers, New York, N. Y. Pastry pan. 2,167,729; Aug. 1.
Shelton, Robert P., Fairfield, Conn. Game apparatus. 2,176,725; Oct. 17.
Shelton, Stephen M., Reno, Nev. Purification of manganese sulphate solutions. 2,169,540; Aug. 15.
Shelton, W. G., Company. (See Racen, F., and Bruner, assignors.)
Shenk, Charles C., West Millcreek Township, Erie County, and A. Lansberry, assignors to Continental Rubber Works, Erie, Pa. Rubber lined barrel. 2,145,613; Jan. 31.
Shenk, William E., East Orange, N. J., assignor to United States Steel Corporation, New York, N. Y. Relay device. 2,158,438; May 16.
Shenk, William E., East Orange, N. J., assignor to United States Steel Corporation, New York, N. Y. Method and apparatus for magnetically testing materials. 2,176,279; Oct. 17.
Shepard, David C. (See Metzger, Alfred R., assignor.)
Shepard, David C. (See Smith, Swan, assignor.)
Shepard, Edwin E., San Francisco, Calif. Dental floss adjuster. 2,163,500; June 20.
Shepard, Francis H., Jr., Rutherford, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Photoelectric relay. 2,160,037; May 30.
Shepard, Fred G., et al. (See Nelson, Henry A., assignor.)
Shepard, Frederick J., Jr., West Newton, and N. Warshaw, Belmont, assignors to Lewis-Shepard Company, Watertown, Mass. Selectively operable mechanically and fluid actuated lifting truck. 2,161,659; June 6.
Shepard, Frederick J., Jr., West Newton, and N. Warshaw, Belmont, assignors to Lewis-Shepard Company, Watertown, Mass. Elevating truck having pedal operated fluid actuated lifting mechanism. 2,161,660; June 6.
Shepard, Oscar F., Cincinnati, Ohio. Elevator closure. 2,175,323; Oct. 10.
Shepard, Whiting N., and A. M. Howald, assignors to Plaskon Company, Incorporated, Toledo, Ohio. Lighting fixture. 2,149,635; Mar. 7.
Sheperdson, John W. (See Morgan, M., and Sheperdson.)
Sheperdson, John W., assignor to Morgan Construction Company, Worcester, Mass. Shearing of material. 2,170,255; Aug. 22.
Shepherd, Benjamin F., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Oiling device. 2,172,092; Sept. 5.
Shepherd, David A., and M. C. Stewart, Sewanee, Tenn. Electric heater. 2,174,951; Oct. 3.
Shepherd, Emmett A. (See Alpha, D. W., and Shepherd.)
Shepherd, Joe V. R., Needham, Mass. Lithograph plate. 2,154,219; Apr. 11.
Shepherd, Judson O., Atlanta, Ga. Traffic control system. 2,173,596; Sept. 19.
Shepherd, Noble N., Detroit, Mich., assignor to Carboloy Company, Inc. Chip controller and breaker. 2,166,826; July 18.
Shepherd, Noble N., Detroit, Mich., assignor to Carboloy Company, Inc. Grinding machine. 2,176,726; Oct. 17.
Shepherd, Oliver B., Belfast, Northern Ireland. Shirt board. 2,164,088; June 27.
Shepherd, Thomas L., Golden, Colo. Method of and means for classifying and separating suspended solids. 2,154,779; Apr. 18.
Shepherd, Thomas L., London, England. Rubber process. Re. 21,090; May 16.
Shepherd, Thomas L., London, England. Rubber process and product. 2,155,621; Apr. 25.
Shepherd, Thomas L., London, England. Rubber process and product. 2,157,463; May 9.
Shepherd, Thomas L., London, England. Rubber process. 2,163,986; June 27.
Shepherd, Thomas L., London, England. Making frothed cellular, or spongelike product of colloidal origin. 2,168,246; Aug. 1.
Shepherd, Thomas L., Portslade, England. Rubber process. 2,178,498; Oct. 31.
Shepherd, Thomas L., London, England. Making multiply woven fabrics. 2,182,882; Dec. 12.
Shepherd, Thomas L., London, England. Manufacture of fabrics consisting wholly or partly of rubber elastic threads. 2,182,996; Dec. 12.
Sheppard, Harry N., Maplewood, N. J., assignor to Scott & Williams, Incorporated, New York, N. Y. Needle for plating knit fabric. 2,184,476; Dec. 26.
Sheppard, Joel F., and C. J. Manuel, Dover, N. H., and W. A. Pringle, deceased, by H. Durk, executor, assignors to American Sales Book Company, Inc., Niagara Falls, N. Y. Autographic register. 2,183,778; Dec. 19.

Sheppard, Joseph R., Haddonfield, N. J., assignor to Charles F. Elmes Engineering Works, Chicago, Ill. Hydraulic bending press. 2,169,113; Aug. 8.
Sheppard, Orlando, Jr., Atlanta, Ga. Delinting cottonseed. 2,144,579; Jan. 17.
Sheppard, Raymond, Niskayuna, N. Y., assignor to General Electric Company. Extraction turbine control system. 2,144,550; Jan. 17.
Sheppard, Raymond, Schenectady, N. Y., assignor to General Electric Company. Speed governor. 2,151,569; Mar. 21.
Sheppard, Richard H., Hanover, Pa. Valve depressing mechanism. 2,167,854; Aug. 1.
Sheppard, Samuel E., and W. Vanselow, assignors to Eastman Kodak Company, Rochester, N. Y. Fog inhibitors for photographic emulsions. 2,143,802; Jan. 10.
Sheppard, Samuel E., and W. Vanselow, Rochester, N. Y., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Fog inhibitor for photographic emulsions. 2,150,702; Mar. 14.
Sheppard, Samuel E., and W. Vanselow, assignors to Eastman Kodak Company, Rochester, N. Y. Fog inhibitor for photographic emulsions. 2,158,204; May 16.
Sheppard, Samuel E., and R. C. Houck, assignors to Eastman Kodak Company, Rochester, N. Y. Hardening photographic emulsions. 2,165,421; July 11.
Sheppard, Samuel E., and R. H. Lambert, assignors, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Buffered photographic emulsion. 2,184,023; Dec. 19.
Sheppard, Samuel E., and R. C. Houck, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic antihalation layer made from alloxan. 2,184,024; Dec. 19.
Shepperd, William B., assignor to L. L. Scott, St. Louis, Mo. Air conditioning system. 2,155,510; Apr. 25.
Shepse, Max, Pittsburgh, Pa. Key duplicating machine. 2,167,008; July 25.
Sherburne, Arthur J., Alplaus, N. Y., assignor to General Electric Company. Resinous composition and product coated therewith. 2,146,598; Feb. 7.
Sheridan, John J., et al. (See Hoenig, Heinrich, assignor.)
Sheridan, Nicholas A., Flushing, N. Y. Chisel. 2,176,228; Oct. 17.
Sheridan, Phil A., Bethesda, Md. Photographic developing and fixing apparatus. 2,155,000; Apr. 18.
Sheridan, T. W., & C. B., Company. (See Kleinberg, P. E., Schweizer and Wilks, assignors.)
Sheridan, T. W. & C. B., Company. (See Krueger, Frederick M., assignor.)
Sherlock, Francis L., Nanaimo, British Columbia, Canada. Ink eraser. 2,147,561; Feb. 14.
Sherman, Alvin G., Detroit, Mich., assignor to Borg-Warner Corporation. Stove. 2,180,645; Nov. 21.
Sherman, Alvin G., Grosse Pointe, Mich. Ice cube tray. 2,182,454; Dec. 5.
Sherman Bros. Mfg. Co., The. (See Speier, Ludwig E., assignor.)
Sherman, Charles W., Boston, Mass., assignor to Remington Rand Inc., Buffalo, N. Y. Card index. 2,178,459; Oct. 31.
Sherman, Clayton C., assignor to H. P. Smith Paper Company, Chicago, Ill. Making stretchable paper. 2,169,505; Aug. 15.
Sherman, Delmar C., Chicago, Ill. Reinforcement for transmission lines and the like. 2,172,810; Sept. 12.
Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Control arm for vehicle springs. 2,148,177; Feb. 21.
Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. X-bar for automobile frames. 2,157,353; May 9.
Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Embossing metal plates. 2,157,354; May 9.
Sherman, Donald W., Shorewood, assignor to A. O. Smith Corporation, Milwaukee, Wis. Side rail for vehicle frames. 2,165,074; July 4.
Sherman, Edwin P., High Point, N. C., assignor to The Geo. E. Sherman Company, Inc., Brooklyn, N. Y. Bleaching raw stock cotton. 2,143,803; Jan. 10.
Sherman, Edwin P., High Point, N. C., assignor to The Geo. E. Sherman Company, Inc., Brooklyn, N. Y. Bleaching fibrous cellulose material containing fast-dyed figures. 2,143,804; Jan. 10.
Sherman, Edwin P., High Point, N. C., assignor to The Geo. E. Sherman Company, Inc., Brooklyn, N. Y. Bleaching mercerized cotton and rayon yarns. 2,148,842; Feb. 28.
Sherman, Elroy P., assignor to The Ashtabula Corrugated Box Company, Ashtabula, Ohio. Packing spacer. 2,167,555; July 25.
Sherman, Geo. E., Company, The. (See Sherman, Edwin P., assignor.)
Sherman, Jacob D., C. S. Reed, and O. C. Currie, assignors to Reynolds Spring Company, Jackson, Mich. Composite structural member. 2,145,839; Jan. 31.
Sherman, Jesse B., New York, N. Y., assignor to Radio Corporation of America. Measuring system. 2,175,001; Oct. 3.
Sherman, John A., San Pedro, Calif. Swivel electric attachment plug. 2,145,897; Feb. 7.
Sherman, John Q., Dayton, Ohio. Superposed record strip and registering and aligning the same. 2,149,316; Mar. 7.
Sherman, John Q., Dayton, Ohio. Tally register. 2,171,605; Sept. 5.
Sherman, John Q., Dayton, Ohio. Manifold material pack. 2,175,222; Oct. 10.
Sherman, John Q., Dayton, Ohio. Printing apparatus. 2,177,675; Oct. 31.
Sherman, John Q., deceased, Dayton, Ohio; K. M. and W. C. Sherman and W. B. Turner, executors. Strip feeding and imprinting apparatus. 2,172,414; Sept. 12.
Sherman, John Q., and A. W. Metzner, Dayton, Ohio; said Metzner assignor to said Sherman. Sheet aligning and locating means for writing machines. 2,156,315; May 2.
Sherman, John Q., and A. W. Metzner, Dayton, Ohio; said Metzner assignor to said Sherman. Paper feeding mechanism. 2,160,916; June 6.
Sherman, John Q., A. W. Metzner, and A. A. Gopperton, Dayton, Ohio; said Metzner and said Gopperton assignors to said Sherman. Motorized carbon shifter. 2,166,973; July 25.
Sherman, John Q., and A. W. Metzner, Dayton, Ohio; said Metzner assignor to said Sherman. Split platen. 2,173,864; Sept. 26.
Sherman, Katherine M., executor, et al. (See Sherman, John Q.)
Sherman-Klove Co., The. (See Rueb, Theodore O., assignor.)
Sherman, Louie A., Florissant, assignor to Safetee Torpedo Corporation, St. Louis, Mo. Detonable explosive. 2,176,362; Oct. 17.
Sherman Paper Products Corporation. (See Ives, Charles Q., assignor.)
Sherman, Thomas L., Buffalo, assignor to Michell-Crankless Engines Corporation, New York, N. Y. Crankless mechanism. 2,178,972; Nov. 7.
Sherman, Valentine, assignor of one-third to E. W. Thoma and one-third to W. H. Scherer, Houston, Tex. Switch. 2,155,689; Apr. 25.
Sherman, Wiliam C., executor, et al. (See Sherman, John Q.)
Sherman, William G., Chicago, Ill. Protective device. 2,169,438; Aug. 15.
Sherman, William, Jeannette, assignor to Transparent Distributor Cap and Motor Parts Co., Philadelphia, Pa. Transparent distributor cap. 2,169,595; Aug. 15.
Sherrard, Earl C., and E. E. Harris, Madison, Wis., assignors to H. A. Wallace as Secretary of Agriculture of the United States of America, (his successors in office). Products obtained from the hydrogenation of lignin in the presence of suitable catalysts. 2,146,655; Feb. 7.
Sherrard, Earl C., E. Beglinger, J. P. Hohf, and R. L. Mitchell, and E. Bateman, deceased, by W. T. Bateman, Madison, Wis., special administrator, assignors to H. A. Wallace, Secretary of Agriculture of the United States of America, and his successors in office. Utilization of sawdust for the production of plastics. 2,151,412; Mar. 21.
Sherrard, Earl C., E. Beglinger, J. P. Hohf, and E. Bateman, deceased (by W. T. Bateman, special administrator), Madison, Wis., assignors to H. A. Wallace, Secretary of Agriculture of the United States of America, and his successors in office. Production of plastics. 2,153,316; Apr. 4.
Sherri, Antoinette. (See Arace, Thomas R., assignor.)
Sherrick, Jess C., Columbus, Ohio. Water heater. 2,155,567; Apr. 25.
Sherrick, Samuel T., and C. A. Lewallen, Denver, Colo., assignors, to Vac-2-O Burner and Oil Cleaner Company Incorporated. Burner for gaseous or liquid fuel. 2,184,653; Dec. 26.
Sherriff, Fred, assignor to Sherriff-Goslin Co., Battle Creek Mich. Roof construction and laying roll roofing. 2,144,168; Jan. 17.
Sherriff-Goslin Co. (See Sherriff, Fred, assignor.)
Sherriff, Stanley S., New York, N. Y., assignor to The Pierce Governor Company, Anderson, Ind. Fluid operable engine governor. 2,172,642; Sept. 12.
Sherrill, Harry J., Youngstown, Ohio. Hydraulic transmission. 2,183,823; Dec. 19.
Sherrill, Ted I., Darby, Mont. Cable casing cutter. 2,159,715; May 23.
Sherron, Percival H., Jamaica, N. Y. Telephone booth. 2,176,980; Oct. 24.
Sherron, Percival H., Jamaica, N. Y. Telephone booth spacer. 2,177,844; Oct. 31.
Sherts, James H., and B. J. Dennison, Tarentum, Pa., assignors, by mesne assignments, to Pittsburgh Plate Glass Company. Apparatus for making safety glass. 2,182,358; Dec. 5.
Sherts, James H., Tarentum, Pa., assignor to Pittsburgh Plate Glass Company. Safety glass. 2,184,876; Dec. 26.
Sherwen, Joseph W., Erith, Kent, assignor to The General Electric Company, Limited, London, England. Vibrating screens and the like. 2,163,249; June 20.
Sherwin-Williams Company, The. (See Arvin, James A., assignor.)
Sherwin-Williams Company, The. (See Frank, Orville S., assignor.)
Sherwin-Williams Company. (See Holmes, Edward D., assignor.)
Sherwin-Williams Company, The. (See Kliefoth, Max H., assignor.)
Sherwin-Williams Company, The. (See Svendsen, Svend S., assignor.)

Sherwood, Albert L., and J. E. Annen, assignors to Sutherland Paper Company, Kalamazoo, Mich. Container. 2,146,861; Feb. 14.
Sherwood Brothers, Inc. (See Smith, Robert T., assignor.)
Sherwood, Carroll P., Camden, N. J. Flow meter system. 2,181,075; Nov. 21.
Sherwood, Clinton L. (See Pearson, C. O., and Sherwood.)
Sherwood, Ellsworth B. (See Heath, C. L., and Sherwood.)
Sherwood, Thomas T. P. (See Harvey, T. M.)
Sheshunoff, Victor. (See Whitfield, M. G., and Sheshunoff.)
Shetzline, Roy A., Yonkers, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Communication system. 2,175,366; Oct. 10.
Sheuer, Ralph I., Two Rivers, Wis. Dustpan. 2,179,135; Nov. 7.
Shiel, John B. (See Johnston, D. F., and Shiel.)
Shields, Andrew G., assignor, by mesne assignments, to Marathon Company, Attleboro, Mass. Container. 2,175,673; Oct. 10.
Shields, Andrew G., assignor, by mesne assignments, to Marathon Company, Attleboro, Mass. Container. 2,175,674; Oct. 10.
Shields, Charles B., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Approach control apparatus for railway signaling systems. 2,158,016; May 9.
Shields, Charles B., Penn Township, Allegheny County, assignor to The Union Switch & Signal Company, Swissvale, Pa. Approach control apparatus for railway signaling systems. 2,184,877; Dec. 26.
Shields, Edward J., Watertown, assignor to Hall-Gregg, Inc., Somerville, Mass. Panel. 2,178,729; Nov. 1.
Shields, Hardin O., Abilene, Tex., assignor to The Texas Company, New York, N. Y. Apparatus for treating cottonseed. 2,166,974; July 25.
Shields, Jesse W., assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Tractor wheel. 2,150,107; Mar. 7.
Shields, John M., assignor to F. H. Noble & Co., Chicago, Ill. Display box. 2,178,652; Nov. 7.
Shields, Robert A. (See Kassler, A., and Shields.)
Shields, Robert A., Berwick, Pa., assignor to American Car & Foundry Company, New York, N. Y. Dual action spring bumper and draft gear. 2,164,594; July 4.
Shields, Robert A., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Tank siphon support. 2,174,354; Sept. 26.
Shields, William H., assignor to The Palm Bros. Decalcomania Co., Cincinnati, Ohio. Ink. 2,161,205; June 6.
Shiels, Herbert H., Culver City, Calif. Shut-off valve. 2,181,523; Nov. 28.
Shiffler, William H., and M. M. Holm, Berkeley, assignors to Standard Oil Company of California, San Francisco, Calif. Producing inorganic sulphides. 2,143,286; Jan. 10.
Shiffler, William H. and W. P. Anderson, assignors to Standard Oil Company of California, Berkeley, Calif Producing aluminum chloride. Re. 21,265; Nov. 14.
Shifflett, John A., assignor of one-third to O. H. Jacobsmeyer and one-third to L. Foval, St. Louis, Mo. Refrigeration system. 2,169,664; Aug. 15.
Shiflet, Herbert B., Morganton, N. C. Stocking tension device. 2,164,180; June 27.
Shigley, William W., assignor of one-half to C. A. Bush and one-half to E. D. Bush, Brooklyn, N. Y. Changeable light advertising device. Re. 21,202; Sept. 5.
Shildneck, Paul R. (See Hansen, D. W., and Shildneck.)
Shilkoff, Jacob, New York, N. Y., and C. P. Wood, Monmouth Beach, N. J., said Wood assignor to said Shilkoff, Engraving or routing machine. 2,154,252; Apr. 11.
Shiller, Hymen, Chicago, Ill. Test tube holder. 2,162,127; June 13.
Shimada, Manjiro, Ichikawa, Ichikawashi, Chiba-Ken, Japan. Multicolor pencil. 2,181,347; Nov. 28.
Shimer, John M., assignor to Oil Well Supply Company, Dallas, Tex. Crown block. 2,146,360; Feb. 7.
Shimer, John M., assignor to Oil Well Supply Company, Dallas, Tex. Boiler. 2,156,610; May 2.
Shimer, John M., assignor to Oil Well Supply Company, Dallas, Tex. Valve. 2,163,472; June 20.
Shimps, Joseph, Jr., Coral, Pa., assignor of one-fourth to E. H. Worsham, Washington, D. C. Soldering iron. 2,178,814; Nov. 7.
Shimwell, Derrick W. (See Shimwell, Oliver and D. W.)
Shimwell, Oliver and D. W., Styles, Shiplake on Thames, England. Beat-up mechanism of looms for weaving. 2,159,865; May 23.
Shindel, Harry F., assignor to Willson Products, Inc., Reading, Pa. Ophthalmic mounting. 2,160,627; May 30.
Shinholser, Mattie B. (See Braswell, Welca W., assignor.)
Shinn, Alice A., and D. A. Ericson, Oklahoma City, Okla. Router machine. 2,181,027; Nov. 21.
Shipley, Byron C., Lawrence, Kans., and J. D. Rice, Kansas City, Mo. Holding and feeding device for "stenotype" notes. 2,166,508; July 18.
Shipley, Frank F. (See Moody, D. L., Newby, and Shipley, assignors.)
Shipley, Robert M., Jr., Los Angeles, Calif. Dark field illuminator. 2,157,437; May 9.
Shipley, Sylvanus C., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Valve system. 2,159,624; May 23.
Shipley, Sylvanus C., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Damper regulator. 2,169,168; Aug. 8.
Shipman, Bennet C., deceased, San Mateo, Calif.; C. W. Shipman, executrix. Refrigeration distribution apparatus and system. 2,148,969; Feb. 28.
Shipman, Bennet C., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Heat exchanger. 2,184,759; Dec. 26.
Shipman, Clara W., executrix. (See Shipman, Bennet C.)
Shipman, Clarence A., Los Angeles, Calif. Clutch mechanism. 2,162,646; June 13.
Shipman, Emanuel F., Philadelphia, Pa. Protective mask. 2,169,745; Aug. 15.
Shipman, Frank S., assignor of one-half to R. Henry, Rock Island, Ill. Battery connector. 2,160,422; May 30.
Shipman, Walter G., Iowa Park, Tex. Reproducing machine. 2,182,707; Dec. 5.
Shipman, William H., Akron, Ohio, assignor to The Babcock & Wilcox Company, Newark, N. J. Digester apparatus. 2,156,643; May 2.
Shipp, Joseph H. (See Cupery, M. E., and Shipp.)
Shipp, Joseph H. (See Maxwell, R. W., and Shipp.)
Shipp, Joseph H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Quaternary ammonium compounds and preparing the same. 2,146,408; Feb. 7.
Shipp, Joseph H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of textile materials. 2,160,176; May 30.
Shipp, Joseph H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,174,534; Oct. 3.
Shipp, Vladimir L. (See Smith, P. L., Shipp, and Boenau.)
Shippee, Carl C. (See Shippee, Winsor and C. C.)
Shippee, Winsor and C. C., Red Bank, N. J. Self-clinching nail. 2,150,788; Mar. 14.
Shippert, Warren A. (See Welsh, George I., assignor.)
Shippy, Leo C., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Manufacture of built-up bellows. 2,145,376; Jan. 31.
Shippy, Leo C., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Tube-rolling machine. 2,158,339; May 16.
Shirtcraft Company Incorporated, The. (See Kaplan, Charles, assignor.)
Shisler, Charles S. (See Fuller, Warren, assignor.)
Shisler, George M., and E. Bergey, assignors to Perkins Glue Company, Lansdale, Pa. Water-resistant adhesive. 2,150,849; Mar. 14.
Shiva, Ramon N., Chicago, Ill. Manufacture of printing inks. 2,155,103; Apr. 18.
Shive, Roy A., Bound Brook, J. E. Coffee, East Orange, and R. H. Kienle, assignors to The Calco Chemical Company, Inc., Bound Brook, N. J. Rotogravure ink. 2,161,751; June 6.
Shively, John J., New York, N. Y. Ice chipping device. 2,181,000; Nov. 21.
Shivers, Paul F., Wabash, Ind., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,155,984; Apr. 25.
Shivers, Paul F., Wabash, Ind., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Controller for heating systems. 2,170,310; Aug. 22.
Shivers, Paul F., Wabash, Ind., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,183,874; Dec. 19.
Shlevin, Clarence J., Brooklyn, N. Y., assignor to Farber & Shlevin, Inc. Slicing machine. 2,182,708; Dec. 5.
Shobel, Alfred J. (See Shobel, John, and A. J.)
Shobel, John, and A. J., Cleveland, Ohio. Safety lock for automobile doors and the like. 2,162,567; June 13.
Shode, Chester L., Great Bend, Kans. Tube and pipe cleaner. 2,164,689; July 4.
Shoe Form Co. (See De Witt, William J., assignor.)
Shoemaker, Alvin H., assignor of one-half to J. G. Smith, Seattle, Wash. Roller skate. 2,162,128; June 13.
Shoemaker, Beach, et al. (See Norman, Joseph T., assignor.)
Shoemaker, Bernard H. (See Loane, C. M., and Shoemaker.)
Shoemaker, Bernard H. (See Rogers, T. H., Loane, and Shoemaker.)
Shoemaker, Bernard H. (See Rogers, T. H., and Shoemaker.)
Shoemaker, Bernard H., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Making gasoline. 2,180,372; Nov. 21.
Shoemaker, Bernard H., and C. M. Loane, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricant. 2,160,293; May 30.
Shoemaker, Bernard H., and C. M. Loane, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricant. 2,160,917; June 6.
Shoemaker, Bernard H., and C. M. Loane, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Lubricating oils. 2,169,185; Aug. 8.
Shoemaker, Bernard H., and H. R. Batchelder, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Diesel fuel. 2,169,186; Aug. 8.

Shoemaker, Bernard H., and H. R. Batchelder, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Diesel fuel and preparing the same. 2,184,440; Dec. 26.
Shoemaker, Bernard M., New York, N. Y. Tobacco pipe. 2,166,537; July 18.
Shoemaker, Guy T., Kansas City, Mo., assignor to The Babcock & Wilcox Company, Newark, N. J. Furnace construction and operation. 2,166,199; July 18.
Shoemaker, J. H., et al., trustees. (See Probst, Karl K., assignor.)
Shoemaker, James M., Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Tank filler spout cap. 2,179,136; Nov. 7.
Shoemaker, Joseph J., Pleasant Ridge, and H. P. Seelye, Royal Oak, Mich., assignors, by mesne assignments, to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Distribution system. 2,152,445; Mar. 28.
Shoemaker, Louis A., Carleton, Mich. Box corner construction. 2,147,676; Feb. 21.
Shoemaker, Louis A., Carleton, Mich., and A. E. Miller, Terre Haute, Ind., said Miller assignor to said Shoemaker. Chick box. 2,147,675; Feb. 21.
Shoemaker, Louis A., Carleton, Mich. Chick box. 2,155,450; Apr. 25.
Shoemaker, Louis A., Carleton, Mich., and A. E. Miller, Terre Haute, Ind.; said Miller assignor to said Shoemaker. Cover construction. 2,167,691; Aug. 1.
Shoemaker, Milton J., assignor, by mesne assignments, to Research Products Corporation, Madison, Wis. Purification of water. 2,145,901; Feb. 7.
Shoemaker, Milton J., assignor, by mesne assignments, to Research Products Corporation, Madison, Wis. Artificial zeolite and preparing the same. 2,165,014; July 4.
Shoemaker, Richard W., Woodbury, assignor to Chase Brass & Cooper Co. Incorporated, Waterbury, Conn. Helical-fin heat-exchange unit and production. 2,152,331; Mar. 28.
Shoemaker, Richard W., Woodbury, assignor to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Pump-type oiler. 2,166,645; July 18.
Shoemaker, Richard W., Woodbury, assignor to Chase Brass & Copper Co., Waterbury, Conn. Composite pipe-connector and producing same. 2,175,575; Oct. 10.
Shoemaker, Richard W., and H. C. Daniels, Woodbury, assignors to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Ventilated bus bar. 2,167,378; July 25.
Shoenberg, Isaac, London, G. E. Condliffe, Buckinghamshire, and W. F. Tedham, Abbey Wood, London, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Cathode ray tube. 2,178,973; Nov. 7.
Shofner, Frank B., Jr., Stevenson, Ala. Seal. 2,183,049; Dec. 12.
Sholes, Justin G., assignor to The Ohio Chemical and Manufacturing Company, Cleveland, Ohio. Apparatus for self-administratiton of anesthetics. 2,185,067; Dec. 26.
Sholes, Justin G., Cleveland, and O. J. Smith, Cleveland Heights, assignors to The Ohio Chemical and Manufacturing Company, Cleveland, Ohio. Apparatus for self-administration of anesthetics. 2,185,068; Dec. 26.
Sholes, Justin G., and J. T. Glekler, assignors to The Ohio Chemical & Manufacturing Company, Cleveland, Ohio. Anesthetic apparatus. 2,185,069; Dec. 26.
Sholtz, Leo. (See Leone, A., and Sholtz.)
Shoner, Robert N., Fort Wayne, Ind. Paste dispenser. 2,172,521; Sept. 12.
Shonle, Horace A., assignor to Eli Lilly and Company, Indianapolis, Ind. Alkanol-amine salt of mandelic acid. 2,144,552; Jan. 17.
Shonle, Horace A., and J. H. Waldo, assignors to Eli Lilly and Company, Indianapolis, Ind. Oil-soluble bismuth salt and producing it. 2,142,957; Jan. 3.
Shonnard, Harold W., Montclair, N. J. Lifting and lowering mechanism. 2,151,338; Mar. 21.
Shontz, Curtis G. (See Frischman, T. A., and Shontz.)
Shook, David W., Dayton Township, Butler County, Iowa. Device for holding animals while under treatment or operations. 2,184,364; Dec. 26.
Shook, Florain J. (See White, J. W., Frank, and Shook.)
Shook, Florian J., Akron, Ohio, assignor to National-Standard Company, Niles, Mich. Tire bead winding apparatus. 2,151,306; Mar. 21.
Shoop, R. B., et al. (See Gentry, Walter A., assignor.)
Shoor, Irving, Sarasota, Fla. Apparatus for bowling. 2,184,950; Dec. 26.
Shopen, Frank E., Omaha, Nebr. Pivotally mounted soap tray. 2,147,861; Feb. 21.
Shorb, Norbert N., San Francisco, assignor, by mesne assignments, to R. H. Brandt, Los Angeles, Calif. Aerial display. 2,153,940; Apr. 11.
Shore, Benjamin, New Malden, England. Rotary internal combustion engine. 2,172,039; Sept. 5.
Shore, Henry, Elizabeth, N. J., assignor to Radio Corporation of America. Amplitude contractor and expander. 2,156,658; May 2.
Shore, Henry, Brooklyn, N. Y., assignor to Radio Corporation of America. Frequency doubler. 2,166,538; July 18.
Shore, Henry, Brooklyn, and J. N. Whitaker, Tuckahoe, N. Y., assignors to Radio Corporation of America. Saw-tooth wave generator. 2,149,471; Mar. 7.

Shores, James L. (See Speed, J. O., Shores, and Powers.)
Short Brothers (Rochester & Bedford) Limited. (See Mattocks, Arthur O., assignor.)
Short, Harold O., Baltimore, Md., assignor to The Black & Decker Manufacturing Company. Screw driver and nut runner overload release. 2,176,928; Oct. 24.
Short, Herbert H., Fort Collins, Colo. Refrigerator air circulating and purifying means. 2,162,923; June 20.
Short, John F. (See Langwell, H., and Short.)
Short, Leslie E. (See Clarke, T. B., and Short.)
Short, Wade H., assignor to Neisler Mills, Incorporated, Kings Mountain, N. C. Jacquard loom mechanism. 2,148,088; Feb. 21.
Shorter, Albert E., Sheffield, England, assignor to The Linde Air Products Company, New York, N. Y. Machine for surface hardening metal articles. 2,170,876; Aug. 29.
Shorter, Sydney A. (See Williams, T. C., and Shorter.)
Shortland, Arthur. (See Bromley, T. C., and Shortland.)
Shotey, William, Belleville, Mich. Spiral grinding machine. 2,162,758; June 20.
Shotton, Edwin. (See Hobson, R. M., and Shotton.)
Shoults, David R., Schenectady, N. Y., assignor to General Electric Company. Method of and apparatus for pulling synchronous motors into step. 2,151,162; Mar. 21.
Shoults, David R., Schenectady, N. Y., assignor to General Electric Company. Method of and apparatus for pulling synchronous machines into step. 2,151,163; Mar. 21.
Shoults, David R., Schenectady, N. Y., assignor to General Electric Company. Method of and apparatus for accelerating and synchronizing a synchronous machine. 2,164,181; June 27.
Shoults, David R., and H. W. Lord, Schenectady, N. Y., assignors to General Electric Company. Control system. 2,151,570; Mar. 21.
Shoup, Charles E., Quincy, Ill. License plate fastener. 2,159,454; May 23.
Shoup-Owens, Inc. (See Peterson, F. J., assignor, and Russell.)
Shover, Arthur B., Des Moines, Iowa. Internal combustion motor. 2,153,899; Apr. 11.
Shover, Barton R., assignor to Strip Tin Plate Company, Pittsburgh, Pa. Apparatus for coating metal. 2,159,297; May 23.
Shover, Elmer T., South Chicago, Ill. Combination plier and wrench. 2,173,215; Sept. 19.
Shrader, Terry M., West Summit, N. J., assignor to Radio Corporation of America. Amplification control circuits. 2,171,637; Sept. 5.
Shreffler, Elwyne O., and A. D. Lesage, Manteno, Ill. Front brake plate and radius arm tension spring. 2,147,178; Feb. 14.
Shreve, Clifford B., assignor to Tyler Fixture Corporation, Niles, Mich. Glare eliminator. 2,162,791; June 20.
Shriver, John W., and F. S. Hoover, Wichita, Kans. Spring tightening means for window sash. 2,163,965; June 27.
Shrode, John L., Richmond Heights, assignor to Alco Valve Company, Inc., St. Louis, Mo. Float control switch. 2,142,680; Jan. 3.
Shrode, John L., Richmond Heights, assignor to Alco Valve Company, Incorporated, St. Louis, Mo. Unitary expansion valve and distributor mechanism. 2,144,898; Jan. 24.
Shrode, John L., assignor to Alco Valve Company, Incorporated, St. Louis, Mo. Thermostatic control for multipass evaporators. 2,171,407; Aug. 29.
Shrode, William M. (See Bertelli, V., and Shrode.)
Shropshire, Leslie P., Trainer, Pa., assignor of forty-five one-hundredths to W. M. Kendrick, Mineola, and forty-five one-hundredths to H. A. Stendrup, New York, N. Y. Emulsifier. 2,148,178; Feb. 21.
Shroyer, Jacob L., Oak Park, Ill. Pedal depressor. 2,157,355; May 9.
Shroyer, Jacob L., Oak Park, Ill., assignor, by mesne assignments, to Edison General Electric Appliance Company, Incorporated. Food warming table. 2,182,682; Dec. 5.
Shu, Yoshiteru, Hokumon-Cho, Kagi City, Tainan, Taiwan, Japan. Fan. 2,151,643; Mar. 21.
Shuart, Arthur C., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Shelf for refrigerators. 2,169,295; Aug. 15.
Shuart, Arthur C., Rockford, Ill., assignor to Servel, Inc., New York, N. Y. Refrigerator. 2,172,458; Sept. 12.
Shuart, Arthur C., Rockford, Ill., assignor to Servel, Inc., New York, N. Y. Refrigerator. 2,178,815; Nov. 7.
Shuey, James N., Everett, Wash. Holding valve. 2,161,099; June 6.
Shuko, Stephen, Boston, Mass. Florist's pin. 2,145,531; Jan. 31.
Shuler, Harry V., assignor of forty per cent to F. Miller, Ontario, Oreg. Beet topping machine. 2,183,779; Dec. 19.
Shull, David P., Los Angeles, Calif. Film cutter for magazine cameras. 2,146,196; Feb. 7.
Schultz, Michael L., assignor to The Dole Valve Company, Chicago, Ill. Pipe coupling. 2,150,042; Mar. 7.
Schultz, Rex M., Ventura, Calif. Ice cream dipper or dispenser. 2,171,606; Sept. 5.

Shumaker, John B., Des Moines, Iowa. Stabilizing potassium iodide. 2,164,089; June 27.
Shuman, Lewis, Los Angeles, Calif. Brake mechanism. 2,184,683; Dec. 26.
Shuman, Royal L., Newark, N. J., assignor to Celluloid Corporation. Apparatus for carrying out chemical reactions. 2,160,177; May 30.
Shuman, Royal L., Newark, N. J., assignor to Celluloid Corporation. Solvent and solution of cellulose esters. 2,168,587; Aug. 8.
Shu-Life Spike Corporation. (See Fuller, Clarence W., assignor.)
Shultz, Clarence R., Independence, Kans. Card and dice game. 2,171,295; Aug. 29.
Shumard, Charles C., Belleville, N. J., assignor to Radio Corporation of America. Electronic switching system. 2,146,862; Feb. 14.
Shure Brothers. (See Baumzweiger, Benjamin, assignor.)
Shure, Edward G. (See Putnam, J. T., and Shure.)
Shure, Frances, trustee. (See Baumzweiger, Benjamin.)
Shure, S. N. (See Baumzweiger, Benjamin, assignor.)
Shure, Samuel J., Kansas City, Mo. Air conditioning system. 2,150,252; Mar. 14.
Shurley, Frederick, and Q. H., assignors to Ceramic Machinery Distributors Limited, Windsor, Ontario, Canada. Registration of articles for multicolor printing. 2,150,522; Mar. 14.
Shurley, Queenie H. (See Shurley, Frederick and Q. H.)
Shuron Optical Company. (See Brenner, Jack L., assignor.)
Shuron Optical Company. (See Lockhart, William A., assignor.)
Shuron Optical Company. (See Long, Eli M., assignor.)
Shurts, Englebert, Waukesha, Wis. Milking machine. 2,169,992; Aug. 15.
Shurtz, Douglas W., Modesto, Calif. Welder's vise. 2,175,974; Oct. 10.
Shute, James I., Beaumont, Tex. Flue gas water heater. 2,173,887; Sept. 26.
Shutt, Charles C., Lima, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Damper winding for synchronous motors. 2,154,289; Apr. 11.
Shutt, Charles C., Lima, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Polyphase alternating current motor. 2,182,646; Dec. 5.
Shutt, Charles C., East McKeesport, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Angle switching device for synchronizing two synchronous motors. 2,175,923; Oct. 10.
Shutt, Richard S., Chicago, Ill., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plasterlike products. 2,152,670; Apr. 4.
Shuttleworth, Howard L., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Pile fabric. 2,163,135; June 20.
Shuttleworth, Howard L., assignor to Mohawk Carpet Mills, Inc., Amsterdam, N. Y. Pile fabric and making same. 2,164,090; June 27.
Shutts, Leroy W. (See Lawton, L. M., and Shutts.)
Shutts, Leroy W., assignor to General Motors Corporation, Detroit, Mich. Double windowpane construction. 2,173,664; Sept. 19.
Shwartzman, Gregory, New York, N. Y., assignor to Mount Sinai Hospital Research Foundation, Inc. Biological product. 2,149,233; Feb. 28.
Shyer, Joseph, Belle Harbor, assignor to Zylo Ware Corporation, New York, N. Y. Antiglare shield for goggles and sunglasses. 2,169,075; Aug. 8.
Sibbe, Carl F., assignor to American Engineering Company, Philadelphia, Pa. Hydraulic press and control therefor. 2,156,641; May 2.
Sibbert, Edward F., Brooklyn, assignor to S. H. Kress and Company, New York, N. Y. Lighting fixture. 2,166,646; July 18.
Siber, Hans, assignor to the firm Grieder & Cie., Zurich, Switzerland. Producing waterproof, form-retaining articles, as hats, from textile goods. 2,162,866; June 20.
Sibley, Barrett E., assignor to Continental Oil Company, Ponca City, Okla. Oil testing apparatus. 2,177,293; Oct. 24.
Sibley, Barrett E., assignor to Continental Oil Company, Ponca City, Okla. Grease-dispensing device. 2,178,816; Nov. 7.
Sibley, Charles R., Marblehead, assignor to Sibley-Pym Corporation, Lynn, Mass. Winding machine. 2,167,692; Aug. 1.
Sibley, Charles R., Marblehead, assignor to Sibley-Pym Corporation, Lynn, Mass. Manufacture of golf balls or the like. 2,171,607; Sept. 5.
Sibley, Edward L., Bennington, Vt. Stapler. 2,164,260; June 27.
Sibley, Edwin J., Westbury, N. Y. Door holder. 2,168,453; Aug. 8.
Sibley, Floyd J., Detroit, Mich. Radiator header with floating tube sheet. 2,164,628; July 4.
Sibley, Floyd J., Detroit, Mich. Radiator header with metering orifice nipples and making same. 2,164,629; July 4.
Sibley, Floyd J., Detroit, Mich. Finned tube construction. 2,173,665; Sept. 19.
Sibley, Floyd J., Detroit, Mich. Finned tube construction. 2,173,666; Sept. 19.
Sibley, Leon T., Rutherford, N. J., and R. J. Scott, Forest Hills, Long Island, N. Y., assignors to Alfol Insulation Company, Inc. Heat insulating panel. 2,180,373; Nov. 21.
Sibley-Pym Corporation. (See Meyer, Vernon H., assignor.)
Sibley-Pym Corporation. (See Sibley, Charles R., assignor.)
Sibley, Robert L., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Vulcanizing rubber and products obtained thereby. 2,143,455; Jan. 10.
Sibley, Robert L., Nitro, W. Va., assignor by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Vulcanization of rubber and products obtained thereby. 2,145,808; Jan. 31.
Sibley, Robert L., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Preservation of rubber. 2,169,618; Aug. 15.
Sibley, Robert L., Nitro, W. Va., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Preserving rubber. 2,176,860; Oct. 17.
Sibley, William H., St. Paul, Minn. Back mold wiper. 2,157,356; May 9.
Sica, Ralph, Philadelphia, Pa. Dispensing valve. 2,170,619; Aug. 22.
Sichere, Rene M., Long Island City, N. Y., assignor to Mechanical Ornamentation Corporation. Making an imitation of piping or binding for articles of leather or fabric. 2,146,772; Feb. 14.
Sichère, René M., Long Island City, N. Y., assignor to Mechanical Ornamentation Corporation. Machine for ornamenting leather, etc. 2,181,348; Nov. 28.
Sichère, René M., Long Island City, N. Y. Machine for ornamenting leather, etc. 2,181,349; Nov. 28.
Sichère, René M., Long Island City, N. Y. Process and apparatus for ornamenting leather and fabrics. 2,181,852; Nov. 28.
Sickinger, William H., Chicago, assignor to Crown Stove Works, Cicero, Ill. Electric oven. 2,142,381; Jan. 3.
Sickles, F. W., Company. (See Oliver, Herbert F., assignor.)
Sico, Americo F. (See Mucci, J. B., Sico, and Iapicca.)
Siddall, Joseph. (See Siddall, William H., J., and W. M., Jr.)
Siddall, William H., Berkeley Heights, J. Siddall, Newark, and W. M. Siddall, Jr., East Orange, N. J. Fire detector and alarm. 2,147,718; Feb. 21.
Siddall, William M., Jr. (See Siddall, William H., J., and W. M., Jr.)
Side, Frederick W., assignor to The Brown Instrument Company, Philadelphia, Pa. Flow meter. 2,166,378; July 18.
Sidebotham, Melvin H. (See Russell, H. M., and Sidebotham.)
Sidebotham, Melvin H., West Newton, assignor to Specialty Automatic Machine Company, Medford, Mass. Method and machine for making covered folding boxes. 2,147,614; Feb. 14.
Sidebotham, Melvin H., West Newton, Mass. Paper box machine. 2,168,751; Aug. 8.
Sidebotham, Melvin H., West Newton, Mass. Manufacture of locked corner boxes. 2,180,748; Nov. 21.
Sides, Hilliard M., Greenville, S. C. Cloth bale. 2,179,303; Nov. 7.
Sidnell, Albert E., Akron, assignor to Seiberling Latex Products Company, Barberton, Ohio. Rubber glove or like article and making the same. 2,173,734; Sept. 19.
Sidney, Watson, Millburn, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Current impulse generating circuit. 2,179,105; Nov. 7.
Sidon, Max, assignor to Oswego Falls Corporation, Fulton, N. Y. Cup. 2,156,574; May 2.
Sidwell, Alfred E., Kew Gardens, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Rate of climb indicator. 2,142,338; Jan. 3.
Sieb, Henry, Hammond, Ind. Book gluing machine. 2,169,114; Aug. 8.
Siebenmorgen, William, Westfield, N. J., assignor to Speer Carbon Company, St. Marys, Pa. Electrical brush. 2,181,076; Nov. 21.
Siebenthaler, Thomas L., assignor to Thos. L. Siebenthaler Manufacturing Company, Kansas City, Mo. Deicing apparatus for airplane propellers. 2,150,521; Mar. 14.
Siebenthaler, Thos. L., Manufacturing Company. (See Siebenthaler, Thomas L., assignor.)
Sieber, Frederick P., Glendale, Long Island, N. Y., Knitting machine and knitting. 2,184,851; Dec. 26.
Siebert, Donald W., A. A. Greenwood, and A. Lindquist, assignors to O. W. Siebert Company, Gardner, Mass. Running gear for baby carriages. 2,184,154; Dec. 19.
Siebert, O. W., Company. (See Siebert, D. W., Greenwood, and Lindquist, assignors.)
Siebertz, Karl, Berlin-Grunewald, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt-Berlin, Germany. Coating electrodes. 2,164,595; July 4.
Siebler, Oskar, Zwickau, Saxony, assignor to Auto Union Aktiengesellschaft, Chemnitz, Germany. Automobile. 2,162,320; June 13.
Siebrandt, John R., Kansas City, Mo. Combination bone clamp and adjustable drill guide. 2,181,746; Nov. 28.
Siebring, Claude, George, Iowa. Device for improving combustion in oil burners. 2,175,002; Oct. 3.

Siecant Packing Company. (See Sievers, William, assignor.)
Siecke, Wolfhart. (See Koolman, C. T. D., Siecke, and Wohlwill.)
Siedle, Arnold D., Canton, assignor to The Hoover Company, North Canton, Ohio. Absorber for refrigerating systems. 2,149,406; Mar. 7.
Siedle, Arnold D., Canton, assignor to The Hoover Company, North Canton, Ohio. Absorber for refrigerating systems. 2,156,925; May 2.
Siedle, Arnold D., Canton, assignor to The Hoover Company, North Canton, Ohio. Absorber for refrigerating systems. 2,156,926; May 2.
Siedle, Arnold D., Canton, assignor to The Hoover Company, North Canton, Ohio. Absorber for refrigerating systems. 2,178,883; Nov. 7.
Siedler, Philipp, E. Kayser, H. Korte, and W. Waibel, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Bleaching of bast fibers. 2,150,134; Mar. 7.
Siedler, Philipp, E. Kayser, H. Korte, and W. Waibel, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Apparatus for carrying out the bleaching of bast fibers. 2,184,477; Dec. 26.
Siefert, Emil E., New Rochelle, N. Y. Carton for granular material. 2,162,286; June 13.
Siefert, Fritz, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Improving regenerated cellulose. 2,167,914; Aug. 1.
Siefert, Otto, and R. Pfennig, Berlin-Reinickendorf, Germany, assignor to L. M. Gelb, New York, N. Y. Hair waving apparatus. 2,170,220; Aug. 22.
Sieg, Karl, Philadelphia, Pa., assignor to Samuel M. Langston Co. Cut-off mechanism. 2,177,465; Oct. 24.
Sieg, Karl, Philadelphia, Pa., assignor to Samuel M. Langston Co. Power transmission mechanism. 2,181,210; Nov. 28.
Sieg, Karl, Philadelphia, Pa., assignor to Samuel M. Langston Co. Feeding mechanism for box blank machines. 2,181,211; Nov. 28.
Siegel, Alfred, Roselle, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo pigment production. 2,168,888; Aug. 8.
Siegel, Alfred, Roselle, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Liquid coating compositions and lakes therefor. 2,173,699; Sept. 19.
Siegel, Alfred, Roselle, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyestuff and making same. 2,173,920; Sept. 26.
Siegel, David, Commack, N. Y. Knitting machine. 2,183,050; Dec. 12.
Siegel, David T., Chicago, Ill. Switch. 2,163,919; June 27.
Siegel, James C., New York, N. Y. Furniture drawer lock. 2,182,504; Dec. 5.
Siegel, Joseph, New York, N. Y. Coat. 2,159,408; May 23.
Siegel, Joseph, New York, N. Y. Seam for garment constructions. 2,176,229; Oct. 17.
Siegel, Meyer, assignor to Monarch Shoe Company, Chicago, Ill. Shoe sole laying and lasting machine. 2,144,128; Jan. 17.
Sieger, Joshua. (See Wikkenhauser, G., and Sieger.)
Siegert, Walter, Chicago, Ill. High pressure valve. 2,172,855; Sept. 12.
Siegle, G., & Co., G. m. b. H. (See Grasshoff, A., and König, assignors.)
Siegling, Ernst, Hanover, Germany. Belt drive. 2,147,465; Feb. 14.
Siegling, Ernst, Hanover, Germany. Driving belt. 2,157,061; May 2.
Siegmann, Edward L., Flushing, N. Y. Drain plug. 2,143,499; Jan. 10.
Siehrs, Arthur E., Chicago, Ill. Selective vending machine. 2,178,000; Oct. 31.
Siehrs, Arthur E., Chicago, Ill. Selective vending machine. 2,178,001; Oct. 31.
Siehrs, Arthur E. (See Miller, C. O., and Siehrs.)
Siekmann, Harold J. (See Groene, W. F., and Siekmann.)
Siekmann, Harold J. (See Groene, W. F., Siekmann, and Meyer.)
Siekmann, Harold J., assignor to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Combined clutch and brake device. 2,148,326; Feb. 21.
Siemens, Alfred. (See Knappe, C., and Siemens.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Baesecke, Martin, assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Brandt, Hermann, assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Dietrich, J., and Hagenhaus, assignors.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Fischel, Eduard, assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschrankter Haftung. (See Fischel, E., and Klein, assignors.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Fischel, E., and Thiry, assignors.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Fischer, Franz, assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Jann, K., and Roland, assignors.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Klein, Gerald, assignor.)
Siemens Apparate und Maschinen G. m. b. H. (See Köster, Paul E., assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Köster, Paul E., assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Langgässer, Heinrich, assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Lauck, Friedrich, assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Plotz, Feodor, assignor.)
Siemens Apparate und Maschinen Gesellschaft mit beschränkter Haftung. (See Protzen, Armand, assignor.)
Siemens Apparate und Machinen Gesellschaft mit beschränkter Haftung. (See Saur, Karl, assignor.)
Siemens Brothers & Company Limited. (See Hensler, Bernard A., assignor.)
Siemens Brothers & Company Limited. (See Hensler, B. A., and Humphries.)
Siemens Brothers & Company Limited. (See Humphries, H. E., and Hensler, assignors.)
Siemens Brothers & Company. (See Sutton, George W., assignor.)
Siemens & Halske, Aktiengesellschaft. (See Arzmaier, Alfons, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Bäbler, Justus, assignor.)
Siemens und Halske Aktiengesellschaft. (See Baesecke, M., and Bauer, assignors.)
Siemens & Halske, Aktiengesellschaft. (See Bendel, H., and Schmid, assignors.)
Siemens & Halske Aktiengesellschaft. (See Dannöhl, W., and Neumann, assignors.)
Siemens and Halske Aktiengesellschaft. (See Espe, Werner, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Förster, Fritz, assignor.)
Siemens & Halske Aktiengesellschaft. (See Freystedt, E., and Bath, assignors.)
Siemens & Halske, Aktiengesellschaft. (See Fritzsche, R., and Bauer, assignors.)
Siemens & Halske, Aktiengesellschaft. (See Gandtner, Valentin, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Geyger, Wilhelm, assignor.)
Siemens and Halske, Aktiengesellschaft. (See Hähnle, Walter, assignor.)
Siemens & Halske Aktiengesellschaft. (See Harnisch, Martin, assignor.)
Siemens & Halske Aktiengesellschaft. (See Hornickel, Richard, assignor.)
Siemens and Halske, Aktiengesellschaft. (See Jacoby, H., and Panzerbieter, assignors.)
Siemens & Halske, Aktiengesellschaft. (See Karl, O., and Kniepkamp, assignors.)
Siemens & Halske, Aktiengesellschaft. (See Kautter, Wolfgang, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Keinath, Georg, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Keinath, G., and Gruss, assignors.)
Siemens & Halske Aktiengesellschaft. (See Kerschbaum, Hans, assignor.)
Siemens & Halske Aktiengesellschaft. (See Kesten, Ulrich, assignor.)
Siemens & Halshe Aktiengesellschaft. (See Kimmel, Hermann, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Kolligs, H. and Lauter, assignors.)
Siemens & Halske, Aktiengesellschaft. (See Krenzien, Otto, assignor.)
Siemens & Halske Aktiengesellschaft. (See Kudrna, Benedikt, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Lieneweg, F., and Geyger, assignors.)
Siemens & Halske Aktiengesellschaft. (See Lubberger, Fritz, assignor.)
Siemens & Halske Aktiengesellschaft. (See Lueder, Holger, assignor.)
Siemens & Halske Aktiengesellschaft. (See Lurk, Hans J., assignor.)
Siemens & Halske Aktiengesellschaft. (See Mansel, Paul, assignor.)
Siemens & Halske Aktiengesellschaft. (See Marquardt, Kurt, assignor.)
Siemens & Halske Aktiengesellschaft. (See Matthies, K., and Ganswindt, assignors.)
Siemens & Halske Aktiengesellschaft. (See Mayer, Hans, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Mennerich, W., Siepke, and Schaaf, assignors.)
Siemens & Halske Aktiengesellschaft. (See Merz, Ludwig, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Müller, Kurt, assignor.)

Siemens & Halske Aktiengesellschaft. (See Pfaff, Walter, assignor.)
Siemens & Halske Aktiengesellschaft. (See Pfannschmidt, Rudolf, assignor.)
Siemens and Halske Aktiengesellschaft. (See Pfleiderer, Fritz, assignor.)
Siemens & Halske Aktiengesellschaft. (See Pinell, Walter, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Poleck, Hans, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Rassow, Horst, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Rassow, H., and Skawran, assignors.)
Siemens & Halske, Aktiengesellschaft. (See Schneider, Oskar, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Scholz, Paul, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Schöne, A., and Troeltsch, assignors.)
Siemens & Halske Aktiengesellschaft. (See Schottky, Walter, assignor.)
Siemens & Halske Aktiengesellschaft. (See Schupp, P., and Wilke, assignors.)
Siemens & Halske, Aktiengesellschaft. (See Siebertz, Karl, assignor.)
Siemens & Halske Aktiengesellschaft. (See Simon, Franz, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Stanek, Josef, assignor.)
Siemens-Halske, Aktiengesellschaft. (See Steiner, Otto, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Strecker, Felix, assignor.)
Siemens & Halske Aktiengesellschaft. (See Strecker, F., and Kimmel, assignors.)
Siemens & Halske, Aktiengesellschaft. (See Tamm, Rudolf, assignor.)
Siemens & Halske Aktiengesellschaft. (See Töpfer, Herbert, assignor.)
Siemens & Halske, Aktiengesellschaft. (See Wassermann, Günter, assignor.)
Siemens & Halske Aktiengesellschaft. (See Weis, Adolf, assignor.)
Siemens & Halske Aktiengesellschaft. (See Wochinger, Eduard, assignor.)
Siemens & Halske Aktiengesellschaft, Wernerwerk. (See Baloun, Kurt, assignor.)
Siemens & Halske Aktiengesellschaft, Wernerwerk. (See Etzel, Franz, assignor.)
Siemens & Halske Aktiengesellschaft, Wernerwerk. (See Jauch, E., and Wochinger, assignors.)
Siemens & Halske Aktiengesellschaft of Wernerwerk. (See Langer, M., Wochinger, and Kuchley, assignors.)
Siemens-Halske Aktiengesellschaft of Wernerwerk. (See Töpfer, H., and Lurk, assignors.)
Siemens-Reiniger-Werke Aktiengesellschaft. (See Bischoff, Kurt, assignor.)
Siemens, Rudolph H., Richmond Hill, N. Y., assignor to Radio Corporation of America. Superheterodyne receiver. 2,151,810; Mar. 28.
Siemens-Schuckertwerke Aktiengesellschaft. (See Damitz, Walter, assignor.)
Siemens-Schuckertwerke, Aktiengesellschaft. (See Hanff, Ferdinand, assignor.)
Siemens-Schuckertwerke Aktiengesellschaft. (See Hintze, Rudolf, assignor.)
Siemens-Schuckertwerke Aktiengesellschaft. (See Janetschke, Erwin, assignor.)
Siemens-Schuckertwerke Aktiengesellschaft. (See Kolligs, Hans, assignor.)
Siemens-Schuckertwerke Aktiengesellschaft. (See Leukert, Wilhelm, assignor.)
Siemens-Schuckertwerke Aktiengesellschaft. (See Linn, Adolf, assignor.)
Siemens-Schuckertwerke Aktiengesellschaft. (See Nehls, Walter, assignor.)
Siemens-Schuckertwerke Aktiengesellschaft. (See Rabe, Heinz, assignor.)
Siemens-Schuckertwerke Aktiengesellschaft. (See Rolf, Erich, assignor.)
Siemund, Herman, Chicago, Ill., assignor to Joe Lowe Corporation, New York, N. Y. Dipping and measuring apparatus. 2,178,524; Oct. 31.
Siemund, Herman, assignor to Greenview Manufacturing Company, Chicago, Ill. Squeegee cleaning tool. 2,179,223; Nov. 7.
Sien, Charles L., Anaheim, Calif. Heel-cap press. 2,150,523; Mar. 14.
Siepke, Otto. (See Mennerich, W., Siepke, and Schaaf.)
Sierk, Raymond H., Whitestone, N. Y. Third rail contact shoe. 2,161,100; June 6.
Sierra Leone Development Company Limited. (See Opie, William L., assignor.)
Siesel, William M., Verona, N. J. Torque release wrench. 2,157,574; May 9.
Siess, Friedrich A. (See Neesen, O., and Siess.)
Siev, Joshua and Leon. (See Siev, Leon, assignor.)
Siev, Leon, Brooklyn, N. Y., assignor to the copartnership of Joshua and Leon Siev. Fixture for extension leaf tables. 2,156,044; Apr. 25.
Sievers, Otto. (See Bockmühl, M., and Sievers.)
Sievers, William, Oradell, N. J., assignor to Siecant Packing Company, Inc., New York, N. Y. Fruit opening machine. 2,151,943; Mar. 28.
Siewek, Otto H. (See Davis, Emery E., assignor.)
Siewek, Otto H., Ferndale, Mich. Fixture lock. 2,142,876; Jan. 3.
Siewert, Otto G. R. (See Alexandersson, H. V., and Siewert.)
Sifers, Otey K., and J. G. Starr, Beckley, W. Va. Safety lock for chain type coal cutting machines. 2,179,433; Nov. 7.
Sifford, Harvey L. (See Payne, M. M., and Sifford.)
Sifkovitz, George, assignor to The George Valve Company, Saegerstown, Pa. Valve. 2,179,165; Nov. 7.
Sigmond, David, Brooklyn, N. Y. Cloth clamp. 2,168,752; Aug. 8.
Signaigo, Frank K., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenation of aliphatic dinitriles. 2,166,183; July 18.
Signal Engineering & Manufacturing Company. (See Ebert, J. F., and Terjesen, assignors.)
Signal Engineering & Manufacturing Company. (See Terjesen, Tellef A., assignor.)
Signal Engineering & Manufacturing Company. (See Wheelock, John H., assignor.)
Signal Service Corporation. (See Luce, Richard W., assignor.)
Signco, Inc. (See Smith, Charles A., assignor.)
Signode Steel Strapping Company. (See Lau, Herbert C., assignor.)
Signode Steel Strapping Company. (See McGregor, J. M., and Porter, assignors.)
Signode Steel Strapping Company. (See Porter, Howard C., assignor.)
Sigo, Arthur T., Maywood, assignor, by mesne assignments, to Associated Electric Laboratories, Inc., Chicago, Ill. Recording apparatus. 2,153,317; Apr. 4.
Sigoda, Victor J., Brooklyn, assignor to Man-Sew Pinking Attachment Corporation, New York, N. Y. Pinking mechanism for sewing machines. 2,142,681; Jan. 3.
Sigoda, Victor J., Brooklyn, assignor to Man-Sew Pinking Attachment Corporation, New York, N. Y. Trimming device. 2,142,682; Jan. 3.
Sigoda, Victor J., Brooklyn, assignor to Man-Sew Pinking Attachment Corporation, New York, N. Y. Pinking mechanism. 2,142,683; Jan. 3.
Sigoda, Victor J., Brooklyn, assignor to Man-Sew Pinking Attachment Corporation, New York, N. Y. Transmission for pinking mechanism. 2,142,684; Jan. 3.
Sigoda, Victor J., Brooklyn, assignor to Man-Sew Pinking Attachment Corporation, New York, N. Y. Pinking device. 2,142,685; Jan. 3.
Sigoda, Victor J., Brooklyn, assignor to Man-Sew Pinking Attachment Corp., New York, N. Y. Pinking machine. 2,159,716; May 23.
Sigoda, Victor J., assignor to Man-Sew Pinking Attachment Corp., New York, N. Y. Pinking machine. 2,159,717; May 23.
Sigoda, Victor J., Brooklyn, assignor to Man-Sew Pinking Attachment Corporation, New York, N. Y. Producing topstitching. 2,172,569; Sept. 12.
Sigoda, Victor J., Brooklyn, assignor to Man-Sew Pinking Attachment Corporation, New York, N. Y. Multiple pinking mechanism. 2,172,570; Sept. 12.
Sigoda, Victor J., Brooklyn, assignor to Man-Sew Pinking Attachment Corp., New York, N. Y. Making French seams. 2,176,643; Oct. 17.
Sikorski, Edward A., Parma, Ohio, assignor to General Chemical Company, New York, N. Y. Engraving process. 2,177,751; Oct. 31.
Sikorsky, Igor I., Trumbull, assignor to United Aircraft Corporation, East Hartford, Conn. Retractable landing gear. 2,156,773; May 2.
Silbaugh, John W. (See Schroeder, John B., assignor.)
Silber, David, Tompkinsville, Staten Island, N. Y. Combination coat and hood for rain wear. 2,160,682; May 30.
Silberman, David, Brooklyn, assignor, by mesne assignments, to Universal Slide Fastener Co., Inc., New York, N. Y. Slide fastener. 2,163,413; June 20.
Silber, Eugene. (See Roosa, V., and Silber.)
Silber, Eugene, New York, and V. Roosa, Dobbs Ferry, N. Y. Speed regulating means for polyphase generator units. 2,173,026; Sept. 12.
Silbereis, Henry. (See Compton, Justin S., assignor.)
Silesia, Verein Chemischer Fabrieken. (See Kallner, G., and Krause, assignors.)
Silex Company, The. (See Lucia, Louis V., assignor.)
Silex Company, The. (See Warner, Maurice L., assignor.)
Silex Company, The. (See Wolcott, Frank E., assignor.)
Silka, Silvio, Paris, France. Stethoscope. 2,158,764; May 16.
Sillers, Thomas G. A., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Circuit interrupter. 2,178,110; Oct. 31.
Sillers, Thomas G. A., Milwaukee, and J. H. Michael, West Allis, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Clamping device. 2,169,481; Aug. 15.
Silliman, Horace F., assignor to The American Brass Company, Waterbury, Conn. Copper alloy. 2,175,223; Oct. 10.
Silliman, Horace F., assignor to The American Brass Company, Waterbury, Conn. Electrical conductor. 2,183,592; Dec. 19.
Sillman, Leonard. (See Gilbert, Edward, assignor.)

Sills, Hubert R., and D. V. Canning, Peterborough, Ontario, Canada, assignors to General Electric Company. Protective system. 2,180,174; Nov. 14.
Silsby, Charles F., White Plains, assignor to The Solvay Process Company, Syracuse, N. Y. Moistureproofing regenerated cellulose. 2,182,765; Dec. 5.
Silva, Albert D., and B. H. Irwin, assignors to Noblitt-Sparks Industries, Inc., Columbus, Ind. Transformer. 2,166,613; July 18.
Silven, Herbert A. (See Flygare, C. G., and Silven.)
Silven, Herbert A., assignor to Norton Company, Worcester, Mass. Crankshaft grinding machine. 2,151,666; Mar. 21.
Silven, Herbert A., assignor to Norton Company, Worcester, Mass. Work holder crankpin grinder. 2,161,206; June 6.
Silven, Herbert A., assignor to Norton Company, Worcester, Mass. Cam grinding apparatus. 2,167,614; July 25.
Silven, Herbert A., assignor to Norton Company, Worcester, Mass. Grinding machine steady rest. 2,167,615; July 25.
Silver, Benjamin J., New York, N. Y. Cushioned sock lining. 2,147,466; Feb. 14.
Silver, Benjamin J., New York, N. Y. Metatarsal cushion. 2,159,054; May 23.
Silver, Carl. (See Goertzen, Julius, assignor.)
Silver Globe Corporation, The. (See Busi, Mario, assignor.)
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Lister. Re. 21,266; Nov. 14.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Lister. 2,144,347; Jan. 17.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Lever. 2,150,660; Mar. 14.
Silver, Walter H., assignor to Deere & Company, Moline, Ill. Marker. 2,176,363; Oct. 17.
Silverberg, Isadore M., Chicago, Ill. Combined envelope and savings bank. 2,154,780; Apr. 18.
Silverman, Benjamin, Chicago, Ill. Comb. 2,145,100; Jan. 24.
Silverman, Charles, Providence, R. I. Tie holder. 2,151,164; Mar. 21.
Silverman, Charles, Providence, R. I. Collar holder. 2,168,687; Aug. 8.
Silverman, Charles, Providence, R. I. Tie-holder construction. 2,171,103; Aug. 29.
Silverman, Harry, Brooklyn, N. Y. Wardrobe suitcase. 2,146,384; Feb. 7.
Silverman, Irving, Hackensack, N. J. Garment hanger. 2,151,621; Mar. 21.
Silverstein, Henry, Brooklyn, N. Y. Method and apparatus for regulating charge for internal combustion engines. 2,179,235; Nov. 7.
Silverstein, Sam, New York, N. Y., now by judicial change of name Sam Barton. Folding trailer. 2,169,076; Aug. 8.
Silvestri, Carl A., and A. Pacifico, Providence, R. I. Float switch for fuel oil burners. 2,180,884; Nov. 21.
Silvette, David, Henrico County, Va. Toy. 2,181,589; Nov. 28.
Silvey, Earl E., Columbus, Miss. Thread holder. 2,144,996; Jan. 24.
Sim, James. (See Hillier, H., and Sim.)
Simek, Charles, Chicago, Ill. Machine for counting votes. 2,154,316; Apr. 11.
Simington, John O., Danville, Pa. Condiment container. 2,173,542; Sept. 19.
Simison, Allen L., Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Storage battery-box composition. 2,148,510; Feb. 28.
Simjian, Luther G., New Haven, Conn., assignor to Noel Associates, Inc., New York, N. Y. Pose-reflecting apparatus. 2,143,926; Jan. 17.
Simjian, Luther G., New Haven, Conn. Apparatus for developing photographic prints. 2,155,511; Apr. 25.
Simjian, Luther G., assignor to Reflectone Corporation, New Haven, Conn. Pose reflecting apparatus. 2,161,262; June 6.
Simjian, Luther G., assignor to Reflectone Corporation, New Haven, Conn. Variable image-observing device. 2,161,263; June 6.
Simjian, Luther G., assignor to Reflectone Corporation, New Haven, Conn. Pose reflecting system. 2,161,264; June 6.
Simkos, Samuel, Charleroi, assignor of one-half to A. Delopitro, Eightyfour, Pa. Eye protector. 2,172,296; Sept. 5.
Simmen, Paul J., Eden, N. Y., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for the control of highway crossing signals. 2,184,878; Dec. 26.
Simmonds Development Corporation Limited. (See Barnicoat, Harold R., assignor.)
Simmonds Development Corporation Limited. (See Simmonds, Oliver E., assignor.)
Simmonds Development Corporation Limited. (See Tripp, Edward J., assignor.)
Simmonds, Oliver E., assignor to Simmonds Development Corporation Limited, London, England. Fastening device incorporating a nut. 2,144,553; Jan. 17.
Simmonds, Oliver E., assignor to Simmonds Development Corporation Limited, London, England. Bolt and like externally screw-threaded members. 2,159,866; May 23.
Simmons, Charles M., San Diego, Calif. Sanitary automatic faucet protector. 2,164,666; July 4.
Simmons Company. (See Bayer, Matthew F., assignor.)
Simmons Company. (See Halleran, H. T., and Carlon, assignors.)
Simmons Company. (See Woller, Edward E., assignor.)
Simmons, Harry M., and H. C. Ruen, assignors to Cleaners Hanger Company, Detroit, Mich. Garment hanger. 2,152,156; Mar. 28.
Simmons, Jack W., Tallahassee, Fla. Collapsible package. 2,178,499; Oct. 31.
Simmons, John T., Casper, Wyo., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Shoe for oil well packers. 2,171,049; Aug. 29.
Simmons, Joseph, Ozone Park, N. Y. Initial and box structure for jewelry. 2,176,727; Oct. 17.
Simmons, Leon E., Claremont, N. H., assignor to Sullivan Machinery Company. Mining machine transmission mechanism. 2,161,835; June 13.
Simmons, Paul R., Logansport, Ind., assignor to Purity Paper Products, Inc. Apparatus for forming coated paper plates. 2,166,268; July 18.
Simmons, R. F., Company. (See Levesque, Arthur H., assignor.)
Simmons, R. F., Company. (See Schultheiss, John P., assignor.)
Simmons, Raymond S., assignor to Keystone Steel & Wire Company, Peoria, Ill. Low metalloid iron-manganese-copper alloy. 2,144,001; Jan. 17.
Simmons, Stanley, and C. McKeen, assignors to Cleaners Hanger Company, Detroit, Mich. Method and machine for forming wire hangers. 2,146,035; Feb. 7.
Simmons, Walter J., Milwaukee, Wis. Bottle fizzing attachment. 2,169,506; Aug. 15.
Simms, James H., Kansas City, Mo. Door closer and check. 2,161,101; June 6.
Simms, James H., St. Albans, W. Va. Enlarging apparatus for movie films. 2,168,688; Aug. 8.
Simon, Aaron, Brooklyn, assignor to Triangle Mechanical Laboratories Corp., New York, N. Y. Apparatus for treating strip steel. 2,182,060; Dec. 5.
Simon, Abram, Northampton, England. Belt conveyer. 2,146,689; Feb. 7.
Simon, Abram, Northampton, England. Machinery guard. 2,163,473; June 20.
Simon, Arthur. (See Stansbury, C., and Simon.)
Simon, Emil J., assignor to J. S. Simon, New York, N. Y. Navigational system. 2,170,835; Aug. 29.
Simon, Franz, Berlin-Friedenau, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Telephone system. 2,183,848; Dec. 19.
Simon, I. A. (See Briggs, Merton B., assignor.)
Simon, I. A. (See Hedrick, G. H., Myers, and Stark, assignors.)
Simon, Jennie S. (See Simon, Emil J., assignor.)
Simon, Joseph, assignor of one-half to D. Hewitt, Chicago, Ill. Explosive. 2,179,434; Nov. 7.
Simon, Lester S., Larchmont, N. Y. Venetian blind. 2,170,877; Aug. 29.
Simon, Morris. (See Frost, Bernard J., assignor.)
Simon, Reuben, Detroit, Mich. Cylinder lock. 2,150,639; Mar. 14.
Simon, Walter. (See Pier, M., Simon, Becker, and Stoewener.)
Simon, Walter. (See Pier, M., Simon, and Donath.)
Simon, Walter. (See Pier, M., Simon, and Eisenhut.)
Simon, Walter. (See Pier, M., Simon, and Jacob.)
Simonds, Paul, Milwaukee, Wis. Variable speed transmission. 2,142,700; Jan. 3.
Simonds, Paul, assignor to The Oilgear Company, Milwaukee, Wis. Winder drive. 2,164,596; July 4.
Simonds Saw and Steel Co. (See Pavitt, Harry A., assignor.)
Simonds Saw and Steel Company. (See Remington, Alfred M., assignor.)
Simonds, Warren J., assignor to Rodney Hunt Machine Company, Orange, Mass. Pipe body stainless reel. 2,174,763; Oct. 3.
Simonds, Warren J., Orange, and R. C. Jefferson, Greenfield, assignors to Rodney Hunt Machine Company, Orange, Mass. Balanced top roll pressure device for fulling mills. 2,146,450; Feb. 7.
Simonds, Warren J., Orange, and R. C. Jefferson, Greenfield, assignors to Rodney Hunt Machine Company, Orange, Mass. Demountable front for fulling mills. 2,146,451; Feb. 7.
Simonds Worden White Co. (See Hassler, John E., assignor.)
Simoneau, Charles B., Lynn, Mass. Baseboard heat distribution with air conditioning. 2,181,747; Nov. 28.
Simons, Aaron, New York, N. Y. Forming elements from molten metal. 2,171,132; Aug. 29.
Simons, Aaron, New York, N. Y. Method and apparatus for drawing strips. 2,178,674; Nov. 7.
Simons, Abraham, New York, N. Y. Wire drawing die. 2,146,995; Feb. 14.
Simons, Blanche R. (See Simons, Ves R., assignor.)
Simons, Edwin E., assignor of one-half to F. Sittler, Allentown, Pa. Sanitary toothpick dispenser. 2,167,855; Aug. 1.
Simons, Francis L., Montclair, N. J. Planographic printing plate and making the same. 2,156,100; Apr. 25.

Simons, Francis L., Needham, Mass., assignor to George La Monte & Son, Nutley, N. J. Safety paper and making same. 2,172,856; Sept. 12.
Simons, Julius, Philadelphia, Pa. Static eliminator. 2,163,294; June 20.
Simons, Leon, Bronx, assignor to Master Wire Die Corp., New York, N. Y. Making wire drawing dies and other articles. 2,151,874; Mar. 28.
Simons, Louis J., New York, N. Y., assignor to Sound Products Co. Inc. Combined motion picture projector and sound reproducer. 2,163,263; June 20.
Simons, Robert T., assignor to Miller-Simons, Inc., Chicago, Ill. Fluid compressor. 2,176,691; Oct. 17.
Simons, Ves R., assignor of two-thirds to B. R. Simons, Hammond, Ind. Vehicle radiator. 2,147,719; Feb. 21.
Simonson, Alfred J., assignor of one-fourth to D. Anton, Milwaukee, Wis. Dice game. 2,183,269; Dec. 12.
Simonson, William F., Forest Hills, N. Y. Carbon pack. 2,153,210; Apr. 4.
Simonton, Albert A., Atlanta, Ga. Golf club. 2,171,483; Aug. 29.
Simplex Baggers, Inc. (See Weinstein, Herman E., assignor.)
Simplex Corporation, The. (See Debrey, Michael, assignor.)
Simplex Engineering Company. (See Sloan, Theodore H., assignor.)
Simplex Time Recorder Company. (See Watkins, E. G., and Dell, assignors.)
Simplex Valve and Meter Company. (See Borden, Moro M., assignor.)
Simplon Products Corporation. (See Marsh, Reginald E., assignor.)
Simpson, Albert W., Dormont, Pa., assignor to National Tube Company. Pipe joint seal. 2,179,202; Nov. 7.
Simpson, Andrew, Seattle, Wash. Holding bed covers. 2,155,690; Apr. 25.
Simpson, Augustus. (See Kearney, Robert, assignor.)
Simpson, Benjamin H., Minneapolis, Minn. Water heater for ranges. 2,178,002; Oct. 31.
Simpson, Donald C., Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglass Corporation. Adhesive coating for filters. 2,145,898; Feb. 7.
Simpson, Donald C., Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Method and apparatus for nodulizing fibrous material. 2,145,899; Feb. 7.
Simpson, Donald C., Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Treatment of glass fibers. 2,184,320; Dec. 26.
Simpson, Donald C., Newark, Ohio, and T. A. Collins, Marion, Ind., assignors, by mesne assignments, to Owens-Corning Fiberglas Corporation. Apparatus for manufacturing glass wool bats, and other articles. 2,154,476; Apr. 18.
Simpson, Edward, Erdington, Birmingham, A. J. Stubbs, Sheldon, Birmingham, and T. Norcross, Erdington, Birmingham, England, assignors to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Compression testing apparatus. 2,156,877; May 2.
Simpson, Emory G., assignor to General Motors Corporation, Detroit, Mich. Rear quarter window and regulator. 2,160,038; May 30.
Simpson, Emory G., and E. L. Graf, assignors to Ternstedt Manufacturing Company, Detroit, Mich. Seat adjuster. 2,181,671; Nov. 28.
Simpson, Eugene H., et al. (See Raeuber, Helmus E., assignor.)
Simpson, George H., Toronto, Ontario, Canada. Racket. 2,183,925; Dec. 19.
Simpson, Glenn W., Rochester, N. Y. Magnifying device. 2,172,597; Sept. 12.
Simpson, Harold N., Maywood, Ill. Rust preventive packaging for iron sheets and the like. 2,156,357; May 2.
Simpson, Herbert S. (See Christensen, Alfred C., assignor.)
Simpson, Herbert S. (See Christensen, A. C, and Granath, assignors.)
Simpson, Howard W., Dearborn, Mich. Power take-off. 2,162,979; June 20.
Simpson, Howard W., assignor to Ford Motor Company, Dearborn, Mich. Transmission. 2,177,951; Oct. 31.
Simpson, Jerry H., assignor to The Bahnson Company, Winston-Salem, N. C. Air conditioning apparatus. 2,169,435; Aug. 15.
Simpson, John, Jr. (See Mansfield, John L., assignor.)
Simpson, John M., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission synchronizer. 2,175,857; Oct. 10.
Simpson, John M., and S. O. White, Muncie, Ind., assignors to Borg-Warner Corporation, Chicago, Ill. Transmission synchronizer. 2,160,091; May 30.
Simpson, John W. L., Littleover, assignor to Hopkinsons Limited, Huddersfield, England. Soot blower. 2,144,744; Jan. 24.
Simpson, John W. L., Littleover, Derby, assignor to Hopkinsons Limited, Huddersfield, England. Operating mechanism for soot blowers. 2,156,436; May 2.
Simpson, Lowe E., Cincinnati, Ohio. Sifter. 2,149,368; Mar. 7.
Simpson, Robert, Casper, Wyo. Burial vault. 2,167,091; July 25.
Simpson, Thornton J., assignor of one-half to W. C. Bartlett, Chula Vista, Calif. Reticulated sheet metal sign. 2,176,614; Oct. 17.
Simpson, Waldo P., Drexel Hill, and C. E. Stewart, Upper Darby, Pa., assignors to General Electric Company. Supervisory control system. 2,176,750; Oct. 17.
Simpson, Walter M., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Safety device for a liquid fuel burner. 2,149,820; Mar. 7.
Simpson, William K., assignor to Hoffman Specialty Company, Waterbury, Conn. Heat control with one pipe steam heating system. 2,175,945; Oct. 10.
Simpson, William M., West Orange, N. J., assignor to McCrory Stores Corporation, New York, N. Y. Display cabinet. 2,149,105; Feb. 28.
Simpson, William O., Mexico City, D. F., Mexico. Nut lock. 2,180,773; Nov. 21.
Sims, Anna M., administratrix. (See Sims, Victor.)
Sims, Charles H., Kansas City, Mo., assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Alarm system. 2,147,272; Feb. 14.
Sims, Henry M., Tampa, Fla. Fertilizer distributor. 2,170,598; Aug. 22.
Sims, Redding. (See Rogers, John C., assignor.)
Sims, Redding. (See Rogers, J. C., and Sims.)
Sims, Victor, deceased, Hendon; A. M. Sims, administratrix, assignor to Creed and Company, Limited, Croydon, Surrey, England. Telegraph, signaling, and like selective system and apparatus. 2,167,532; July 25.
Sims, William O., Niagara Falls, N. Y., assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Box stitcher. 2,156,165; Apr. 25.
Sims, William O., Niagara Falls, N. Y., assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Metal stitching machine. 2,180,484; Nov. 21.
Sims, Yelmer V. (See Michalski, J., and Sims.)
Sinclair, Archibald F., Cuyahoga Falls, Ohio. Control means for hydraulic presses and the like. 2,154,477; Apr. 18.
Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 2,143,456; Jan. 10.
Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel construction. 2,143,457; Jan. 10.
Sinclair, Charles W., assignor to Kelsey–Hayes Wheel Company, Detroit, Mich. Forming brake shoes. 2,143,458; Jan. 10.
Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Vehicle wheel. 2,145,377; Jan. 31.
Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Forming brake drums. 2,151,568; Mar. 21.
Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Making brake drums. 2,154,014; Apr. 11.
Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Forming brake drums. 2,154,016; Apr. 11.
Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Making a wheel. 2,159,911; May 23.
Sinclair, Charles W., assignor, by mesne assignments, to The Kelsey-Hayes Wheel Company, Detroit, Mich. Brake drum. 2,161,904; June 13.
Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel. 2,170,666; Aug. 22.
Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Forming wheels. 2,174,639; Oct. 3.
Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Making wheels. 2,174,640; Oct. 3.
Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Making vehicle wheel bodies. 2,181,028; Nov. 21.
Sinclair, Edward R., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake lining stretcher. 2,154,015; Apr. 11.
Sinclair, Harold. (See Basebe, A. C., and Sinclair.)
Sinclair, Harold, London, England. Power transmission system embodying hydraulic couplings. 2,149,369; Mar. 7.
Sinclair, Harold, London, England. Reversing gear mechanism. 2,171,715; Sept. 5.
Sinclair, Harold, Kensington, London, England. Power transmission system. 2,181,711; Nov. 28.
Sinclair, Harold, Kensington, London, and R. C. Clerk, Egham, assignors to Hydraulic Coupling Patents Limited, London, England. Power transmission mechanism. 2,184,533; Dec. 26.
Sinclair, Jesse H., Burlington, Vt. Braking indicator. 2,183,700; Dec. 19.
Sinclair, John M., assignor to Layne and Bowler, Incorporated, Memphis, Tenn. Keying pump impellers to driving shafts. 2,182,240; Dec. 5.
Sinclair Refining Company. (See Cantello, Robert C., assignor.)
Sinclair Refining Company. (See Cole, Joseph, assignor.)
Sinclair Refining Company. (See Downey, J. J., and Murray, assignors.)
Sinclair Refining Company. (See Gardner, Robert H., assignor.)
Sinclair Refining Company. (See Herthel, Eugene C., assignor.)

Sinclair Refining Company. (See Martin, Edward J., assignor.)
Sinclair Refining Company. (See Meissner, Herman A., assignor.)
Sinclair Refining Company. (See Miller, A. E., and Chenault, assignors.)
Sinclair Refining Company. (See Miller, A. E., and Lord, assignors.)
Sinclair Refining Company. (See Pelzer, Harry L., assignor.)
Sinclair Refining Company. (See Pinkerton, R. D., and Mendius, assignors.)
Sinclair Refining Company. (See Thayer, George, assignor.)
Sinclair Refining Company. (See Vobach, Arnold C., assignor.)
Sinclair, Richard L., San Diego, Calif. Milk can opening forming and pouring attachment. 2,144,817; Jan. 24.
Sinclair-Scott Company, The. (See Rife, Charles E., assignor.)
Sinclair, William H., Los Angeles, Calif. Paper clamping device. 2,156,404; May 2.
Sinden, Alfred D., Aurora, Ill., assignor to Redler Conveyor Company, Quincy, Mass. Conveyer. 2,154,707; Apr. 18.
Sinden, Alfred D., Aurora, Ill., assignor to Redler Conveyor Company, Quincy, Mass. Conveyer. 2,155,874; Apr. 25.
Sinden, Alfred D., Aurora, Ill., assignor to Redler Conveyor Company, Quincy, Mass. Conveyer. 2,156,878; May 2.
Sinden, Alfred D., Aurora, Ill., assignor to Redler Conveyor Company, Quincy, Mass. Conveyer. 2,160,234; May 30.
Sinderson, John B. (See Granberg, B., and Sinderson.)
Sinderson, John B., Rockford, Ill. Hydraulic clutch. 2,174,344; Sept. 26.
Sindl, Otto, Paris, France, and G. Frank, Moedling, near Vienna, Austria, assignors to "Afag" Finanzierungs A. G., Schaffhausen, Switzerland. Production of cellulose esters. 2,143,332; Jan. 10.
Singer, Alexander A. (See Jacobs, M. B., and Singer.)
Singer, Frank J., et al. (See Meltzer, Jessie, assignor.)
Singer, Fred J. (See Kinkead, F. S., and Singer.)
Singer, Fred J., Rockville Centre, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telegraphic exchange circuit. 2,147,720; Feb. 21.
Singer, Fred J., Rockville Centre, N. Y., assignor to American Telephone and Telegraph Company. Telephone and telegraph exchange system. 2,170,038; Aug. 22.
Singer, Fritz. (See Liebergeld, Alfred, assignor.)
Singer, Henry, assignor of one-half to J. H. Morrill, Honolulu, Hawaii. Comb and cleaner combination. 2,176,548; Oct. 17.
Singer, Henry, Honolulu, assignor of one-half to G. W. Murphy, U. S. Army, Scofield Barracks, Hawaii. Shaker. 2,178,500; Oct. 31.
Singer, Henry, assignor of one-half to A. H. F. Lum, Honolulu, Hawaii. Amusement device. 2,183,468; Dec. 12.
Singer, Henry, assignor of one-half to H. Fong, Honolulu, Hawaii. Ventilated and cushioned wrist watch band. 2,184,060; Dec. 19.
Singer, John M., assignor to The Cleveland Welding Company, Cleveland, Ohio. Making bicycle forks. 2,160,039; May 30.
Singer, Joseph, assignor to L. H. Kalow, New York, N. Y. Switch. 2,179,385; Nov. 7.
Singer Manufacturing Company, The. (See Ackerman, Albert A., assignor.)
Singer Manufacturing Company, The. (See Becker, Rudolph, assignor.)
Singer Manufacturing Company, The. (See Boguhn, P., and Bochmann, assignors.)
Singer Manufacturing Company, The. (See Card, Frederic M., assignor.)
Singer Manufacturing Company, The. (See Chason, Daniel H., assignor.)
Singer Manufacturing Company, The. (See Chason, D. H., and Park, assignors.)
Singer Manufacturing Company, The. (See Clayton, Andrew B., assignor.)
Singer Manufacturing Company, The. (See Corrall, H., and Heggie, assignors.)
Singer Manufacturing Company, The. (See De Voe Albert H., assignor.)
Singer Manufacturing Company, The. (See Fleckenstein, G. A., and Waterman, assignors.)
Singer Manufacturing Company, The. (See Kaier, Richard.)
Singer Manufacturing Company, The. (See Kaier, Richard, assignor.)
Singer Manufacturing Company, The. (See Karle, John D., assignor.)
Singer Manufacturing Company, The. (See Max, Frederich F., assignor.)
Singer Manufacturing Company, The. (See McCann, Michael, assignor.)
Singer Manufacturing Company, The. (See Myers, Walter, assignor.)
Singer Manufacturing Company, The. (See Nunn, Joseph R., assignor.)
Singer Manufacturing Company, The. (See Perkins, Kenneth, assignor.)
Singer Manufacturing Company. (See Pyluck, Steven, assignor.)
Singer Manufacturing Company. (See Ray, Joseph L., assignor.)
Singer Manufacturing Company, The. (See Sailer, Rudolph J., assignor.)
Singer Manufacturing Company, The. (See Spaine, Edward P., assignor.)
Singer Manufacturing Company, The. (See Trickey, Philip H., assignor.)
Singer Manufacturing Company, The. (See Vollman, J., and Gunther, assignors.)
Singer Manufacturing Company, The. (See vom Lehn, Reinhold E., assignor.)
Singer Manufacturing Company, The. (See Waterman, Max L., assignor.)
Singer Manufacturing Company, The. (See Way, Donald D., assignor.)
Singer Manufacturing Company, The. (See Wesson, George W., assignor.)
Singer Manufacturing Company, The. (See Wolff, Samuel S., assignor.)
Singer Manufacturing Company, The. (See Zonis, Sydney, assignor.)
Singer, Philip A., Peoria, Ill. Manufacture of starch modification products. 2,175,486; Oct. 10.
Singh, Alamjit D. (See Johnstone, H. F., and Singh.)
Singleton, Lucile, New York, N. Y. Cosmetic packet. 2,175,133; Oct. 3.
Singley, Elder M., Lewiston, Pa. Combine. 2,177,229; Oct. 24.
Sinko, John, Oak Park, Ill. Steering wheel device. 2,142,766; Jan. 3.
Sinko, John, Chicago, Ill. Cigar lighter. 2,149,931; Mar. 7.
Sinko, John, Chicago, Ill. Cigar lighter. 2,151,622; Mar. 21.
Sinko, John, Chicago, Ill. Socket member for a wireless cigar lighter. 2,165,876; July 11.
Sinko, John, Oak Park, Ill. Electric cigar lighter. 2,180,069; Nov. 14.
Sinn, Clarence W. (See Volf, Christian A., assignor.)
Sinnett, John B., assignor to Howell Electric Motors Company, Howell, Mich. Method of and means for cooling motors. 2,157,191; May 9.
Sinnett, John B., assignor to Howell Electric Motors Company, Howell, Mich. Motor switch. 2,164,667; July 4.
Sinninger, Dwight V., assignor to Johnson Laboratories, Inc., Chicago, Ill. Stabilizing circuit. 2,156,358; May 2.
Sinninger, Dwight V., assignor to Johnson Laboratories, Inc., Chicago, Ill. Muting system. 2,174,641; Oct. 3.
Sioberg, Charles F. (See Laucks, S. F., and Sioberg.)
Sipe, Harry E., New York, N. Y. Solderless connector. 2,175,036; Oct. 3.
Sipe, Harry E., New York, N. Y. Tire slitting machine. 2,180,556; Nov. 21.
Sipe, Harry E., New York, N. Y., assignor of one-half to N. L. Foster, Montclair, N. J. Anchoring device. 2,150,866; Mar. 14.
Sipe, Harry E., New York, N. Y., assignor of one-fourth to N. L. Foster, Montclair, N. J. Machine and method for rolling rivets. 2,180,555; Nov. 21.
Sipe, Harry E., New York, N. Y., assignor of one-half to N. L. Foster, Montclair, N. J. Solderless connector. 2,183,109; Dec. 12.
Sipe, Harry E., New York, N. Y., assignor to Talon, Inc. Slide fastener. 2,184,625; Dec. 26.
Siphonator, Inc. (See Bowman, David E., assignor.)
Sipior, Casimir J., North Tonowanda, N. Y. Display device. 2,163,329; June 20.
Sipp-Eastwood Corporation. (See Di Censo, A. A., and Schaub, assignors.)
Sipp-Eastwood Corporation. (See Kent, Frederick J., assignor.)
Sirius Corporation. (See Price, Nathan C., assignor.)
Sirmay, Julius, assignor to Jacquard Knitting Machine Co., Inc., Philadelphia, Pa. Knitting machine. 2,181,105; Nov. 21.
Sirois, Everett D., Newburyport, Mass. Machine for applying coverings to pocketbook frames. 2,173,045; Sept. 12.
Sisler, Charles A., Stanwood, Iowa. Traction wheel for tractors. 2,146,235; Feb. 7.
Sissom, Alton H., Alvarado, Tex. Barrel rack. 2,182,709; Dec. 5.
Sisson, James G., assignor to The L. S. Starrett Company, Athol, Mass. Dial indicator. 2,165,017; July 4.
Sisson, James L., Earle, Ark. Means and method for treating periodontal diseases. 2,167,467; July 25.
Sisson, Vinton E., Winnetka, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Floor rack for refrigerator cars. 2,147,129; Feb. 14.
Sisson, Vinton E., Winnetka, assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Floor rack for refrigerator cars. 2,147,130; Feb. 14.
Sisson, Vinton E., Winnetka, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Car coupler operating rod. 2,155,333; Apr. 18.

Sisson, Vinton E., Winnetka, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Refrigerator car floor rack. 2,162,361; June 13.
Sisson, Vinton E., Winnetka, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Refrigerator car floor rack. 2,169,712; Aug. 15.
Sisson, Vinton E., Winnetka, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Operating rod for car couplers. 2,184,818; Dec. 26.
Sisson, Vinton E., Winnetka, assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Refrigerator car. 2,184,819; Dec. 26.
Sitkin, John J., and F. W. Archer, Los Angeles, Calif. Method of and apparatus for taking dental impressions. 2,155,334; Apr. 18.
Sittel, Alfred, Fichtenau, Kreis Niederbarnim, Germany, assignor to General Electric Company. Electric lamp. 2,153,398; Apr. 4.
Sittler, Edwin C. (See Kettering, C. F., and Sittler.)
Sittler, Edwin C., and R. S. Gaugler, assignors to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,152,157; Mar. 28.
Sittler, Fred S. (See Simons, Edwin E., assignor.)
Sitzler, Richard R., Cumberland, Md., assignor to Celanese Corporation of America. Textile materials. 2,180,436; Nov. 21.
Sitzler, Richard R., and L. C. Holt, Cumberland, Md., assignors to Celanese Corporation of America. Yarn and fabric and making same. 2,160,178; May 30.
Sivertsen, Jens, assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Method of and apparatus for measuring and indicating or automatically recording small distances. 2,176,016; Oct. 10.
Sivertsen, Jens, assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Variable inductance device. 2,179,058; Nov. 7.
Sivertsen, Jens, assignor to Tinius Olsen Testing Machine Company, Philadelphia, Pa. Method of and apparatus for measuring small changes in length. 2,180,175; Nov. 14.
Sivian, Leon J. (See Bedell, E. H., and Sivian.)
Six, Walter J., Indianapolis, Ind. Manufacturing piston rings. 2,183,358; Dec. 12.
Six, Willem. (See Holst, G., Six, Snoek, and Burgers.)
Six, Willem, Eindhoven, Netherlands, assignor to Radio Corporation of America. Transformer device. 2,162,274; June 13.
Sixt, Johann, assignor to Consortium Fuer Elektrochemische Industrie, G. m. b. H., Munich, Germany. Producing polymerization product of ethylene. 2,183,154; Dec. 12.
Sizer, Albert W., Hessle, Kingston-Upon-Hull, England. Molding machine for plastic substances. 2,162,647; June 13.
Sizer, Albert W., Hessle, England. Extrusion machine for molding pellets from plastic substances. 2,174,141; Sept. 26.
Sjogren, Oscar W. (See Mitchell, R. H., and Sjogren.)
Sjogren, Oscar W., Huntington Park, and R. H. Mitchell, South Park, Calif., assignors, by mesne assignments, to Killefer Manufacturing Corporation. Disk harrow. 2,152,928; Apr. 4.
Sjogren, Oscar W., Huntington Park, and G. E. Gerold, assignors to Killefer Manufacturing Corporation, Los Angeles, Calif. Disk bedder. 2,171,768; Sept. 5.
Sjostrom, Robert L. (See Moffit, Samuel A., assignor.)
Skagerberg, Rutcher, St. Paul, Minn., assignor to The Brown Instrument Company, Philadelphia, Pa. Drier. 2,166,379; July 18.
Skaraas, Bernt, and E. Danielsson, Stavanger, Norway. Device intended preferably to indicate the immediate contents in containers. 2,154,962; Apr. 18.
Skarsten, Anders, Welwyn Garden City, England. Wood or the like scraper. 2,173,700; Sept. 19.
Skawran, Willy. (See Rassow, H., and Skawran.)
Skeats, Wilfred F., Lansdowne, Pa., assignor to General Electric Company. Electric circuit interrupter. 2,146,656; Feb. 7.
Skeen, John R., Philadelphia, Pa., assignor to The United Gas Improvement Company. Treatment of gas distribution systems. 2,167,139; July 25.
Skeen, Lawrence H., Frostproof, Fla., assignor to Hall-Welter Co., Inc., Rochester, N. Y. Check writer. 2,142,862; Jan. 3.
Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Translating magnetic variations into electric variations. 2,165,307; July 11.
Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cathode ray device. 2,165,308; July 11.
Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Piezoelectric vibrator oscillator. 2,167,254; July 25.
Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electro-optical system. 2,168,047; Aug. 1.
Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electro-optical system. 2,168,048; Aug. 1.
Skellett, Albert M., Madison, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electro-optical system. 2,168,049; Aug. 1.
Skelly, John S., Monongahela, Pa. Underfeed stoker. 2,142,701; Jan. 3.
Skelly Oil Company. (See Fry, C. L., and Leslie, assignors.)
Skelly Oil Company. (See Schuessler, A. G., and Leslie, assignors.)
Skelton, Edward W., Erdington, Birmingham, England, assignor to The International Nickel Company, Inc., New York, N. Y. Producing superficial carbonization of metals and alloys. 2,167,128; July 25.
Skenandoa Rayon Corporation. (See Brucker, James W., assignor.)
Skerl, Louis, San Francisco, Calif. Advertising sign. 2,143,583; Jan. 10.
Skerratt, Ralph W., Girard, Ohio. Belt shifter. 2,179,865; Nov. 14.
Skillman, Thomas S. (See Peek, J. J. A., and Skillman.)
Skinner, Mrs. B. C. (See Longfield-Smith, Longfield, assignor.)
Skinner, Benjamin L., et al. (See Skinner, Bronson C.)
Skinner, Bronson C., Dunedin, Fla., assignor to said B. C. Skinner, as trustee for V., B. W., B. L., and J. B. Skinner. Fruit curing room. 2,177,129; Oct. 24.
Skinner, Bruce W., et al. (See Skinner, Bronson C.)
Skinner, Chame D., Springdale, and L. C. Bradley, New Kensington, Pa. Extruding press. 2,176,364; Oct. 17.
Skinner, Chame D., Springdale, and L. C. Bradley, New Kensington, Pa. Extrusion mill. 2,176,365; Oct. 17.
Skinner, Charles K., Southport, Conn., assignor to General Electric Company. Wringer. 2,145,740; Jan. 31.
Skinner, Eugene C., San Diego, and R. Lawatch, Los Angeles, Calif. Invalid walker. 2,168,424; Aug. 8.
Skinner Irrigation Company, The. (See Coles, W. H., and Nelson, assignors.)
Skinner, Jacques B., et al. (See Skinner, Bronson C.)
Skinner, Leo V. (See Zilberman, M. C., Thunberg, and Skinner.)
Skinner, M. B., Company. (See Merrill, Patterson D., assignor.)
Skinner Motors, Inc. (See Woodward, Arthur A., assignor.)
Skinner, Percy A., Ionia, Mich. Supporting strut. 2,162,181; June 13.
Skinner, Riley S., Sentinel, Okla. Closure for containers. 2,148,041; Feb. 21.
Skinner, Vivien, et al. (See Skinner, Bronson C.)
Sklar, Herman, assignor to J. I. Blanck, Brooklyn, N. Y. Fur treating device. 2,155,172; Apr. 18.
Sklarew, Samuel. (See Cinamon, L., and Sklarew.)
Sklenar, Ignaz, Rosslau, Dessau, Germany, assignor to Rima A. G., Glarus, Switzerland. Internal combustion engine. 2,153,727; Apr. 11.
Skliris, Loukas, Belmar, N. J. Combination slicing and shelling machine. 2,161,237; June 6.
Skluth, Gladys. (See Spear, Leonard M., assignor.)
Skobel, Louis W., assignor to Interstate Metal Products Co., Inc., Chicago, Ill. Lock. 2,167,009; July 25.
Skoblin, Serge K., Missoula, Mont. Closure for collapsible containers. 2,149,795; Mar. 7.
Skok, Alois, and N. O. Binley, Pasadena, Calif. Automatic oscillating and rotary air controller for internal combustion engines and the like. 2,183,411; Dec. 12.
Skol Company. (See Herstein, Karl M., assignor.)
Skolaude, Heinrich, Gross-Schonau, Zzechoslovakia. Production of pressed articles having a pattern extending right through them from materials in powder form. 2,169,665; Aug. 15.
Skolnick, Morris, New York, N. Y. Wall aquarium. 2,144,551; Jan. 17.
Skolnik, Max, Chicago, Ill., assignor to National Fibre Corporation, New York, N. Y. Pulp refiner. 2,182,391; Dec. 5.
Skolnikoff, Benjamin. (See Stern, I., Skolnikoff, Pesqueira, and Ostrolenk.)
Skoog, Bernard, Grand Marais, Minn. Vehicle stake. 2,152,421; Mar. 28.
Skoog, Joseph E., Cranston, R. I. Adjustable finger ring. 2,146,272; Feb. 7.
Skoverski, John R., Oakland, assignor to J. Schor, San Francisco, Calif. Fishhook. 2,180,557; Nov. 21.
Skrebba Buromaschinenfabrik K.-G. (See Skrebba, Hans, assignor.)
Skrebba, Hans, Lahr, in Baden, assignor to Skrebba Buromaschinenfabrik K.-G., Freiburg in Breisgau, Germany. Paper clip applying tool. 2,156,743; May 2.
Skrepinsky, Constantin, Elizabeth, N. J., assignor to Standard Oil Development Company. Treating mineral oils. 2,170,620; Aug. 22.
Skriba, Rudolph A., assignor to F. J. Littell Machine Company, Chicago, Ill. Piercing and riveting machine. 2,154,824; Apr. 18.
Skroback, John W., Olean, N. Y. Automobile jack. 2,184,061; Dec. 19.
Skrzynski, Stanley M., assignor to Cranford Company, Brooklyn, N. Y. Concrete mixer. 2,159,184; May 23.
Skutta, Theodor. (See Herrmann, R., and Skutta.)
Skuttle, J. L., Co., The. (See Geisler, Russell W., assignor.)
Skvortzoff, Alexander A., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bushing. 2,179,356; Nov. 7.
Skwarski, Jan. (See Ryan, A. P., and Skwarski.)

Slack, Frederic W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle. 2,159,344; May 23.

Slack, Frederic W., Detroit, Mich., assignor to Chrysler Corporation, Highland Park, Mich. Wheel suspension. 2,162,828; June 20.

Slack, Frederic W., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Motor vehicle. 2,173,667; Sept. 19.

Slack, Thomas G., Boylston, Mass. Fire extinguisher. 2,175,068; Oct. 3.

Slade, Benjamin, East Orange, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Building-out unit. 2,178,653; Nov. 7.

Slade, James V., New Rochelle, assignor to The Dorr Company, Inc., New York, N. Y. Grinding. Re. 21,039; Mar. 28.

Slade, Starkie N., Sr., Durham, N. C. Plant protector. 2,157,502; May 9.

Slade, Walter C., Providence, R. I., assignor to Fuel Research Development Corporation, Boston, Mass. Oil-feeding device for gas generators. 2,166,849; July 18.

Sladek, Louis J., Chicago, Ill. Bracket for bathroom accessories. 2,158,734; May 16.

Sladek, Louis J., Chicago, Ill. Bracket. 2,176,644; Oct. 17.

Slager, John C. (See Meeker, D. A., and Slager.)

Slagh, Harold R. (See Alquist, F. N., and Slagh.)

Slagh, Harold R. (See Wiley, R. M., Alquist, and Slagh.)

Slagh, Harold, assignor to The Dow Chemical Company, Midland, Mich. Purification of carboxylic acid amides. 2,156,642; May 2.

Slagh, Harold R., assignor to The Dow Chemical Company, Midland, Mich. Esters of 1,4-dioxanediol-2,3 and 1,4-dioxaneol-2-chloro-3. 2,164,355; July 4.

Slagh, Harold R., assignor to The Dow Chemical Company, Midland, Mich. Esters of 1,4-dioxanediol-2,3. 2,164,356; July 4.

Slaph, Harold R., assignor to The Dow Chemical Company, Midland, Mich. Esters of heterocyclic monocarboxylic acids. 2,164,357; July 4.

Slagh, Harold R., assignor to The Dow Chemical Company, Midland, Mich. Dehydration of allyl alcohol. 2,179,059; Nov. 7.

Slagh, Harold R., and F. N. Alquist, assignors to The Dow Chemical Company, Midland, Mich. Ethers of hydrogenated phenols. 2,181,100; Nov. 21.

Slaght, William W. (See Smith, W. J., and Slaght.)

Slagle, Edgar A., North Plainfield, N. J., assignor to Research Corporation, New York, N. Y. Disposal of sewage. 2,158,595; May 16.

Slaker, Joseph H., assignor, by mesne assignments, to Western-Austin Company, Aurora, Ill. Dump car. 2,181,629; Nov. 28.

Slaney, John E., assignor to The Fountain Comb Company, McKeesport, Pa. Fountain comb. 2,184,478; Dec. 26.

Slater, Clarence, Lewisville, Tex. Cotton stalk cutter. 2,152,158; Mar. 28.

Slater, Fred M., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Guard for rock drills. 2,158,529; May 16.

Slater, Fred M., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Rock drill. 2,168,541; Aug. 8.

Slater, Harvey A., and B. R. Tarrant, Butte, Mont. Positive action poppet valve. 2,169,773; Aug. 15.

Slater, Homer B., Pittsburgh, Pa., assignor to Koppers-Rheolaveur Company. Mineral sorting launder apparatus. 2,164,124; June 27.

Slater, Richard C., Galesburg, Ill. Air cooler and conditioner. 2,156,879; May 2.

Slatineanu, Eulampiu, assignor to Gewerkschaft Auguste, Oberhausen, Germany. Treating carbon or carbonaceous compounds. 2,151,165; Mar. 21.

Slatineanu, Eulampiu, assignor to Gewerkschaft Auguste, Oberhausen, Germany. Treating cellulosic material. 2,151,166; Mar. 21.

Slatineanu, Eulampiu, assignor to Gewerkschaft Auguste, Oberhausen, Germany. Treating colloidal hydrocarbons. 2,151,167; Mar. 21.

Slatineanu, Eulampiu, assignor to Gewerkschaft Auguste, Oberhausen, Germany. Treating organic oxygen compounds. 2,151,168; Mar. 21.

Slattery, William G., Webster, Mass. Imperfection detector. 2,167,693; Aug. 1.

Slaugenhop, George E., Vernon, Tex. Automobile speed control. 2,167,590; July 25.

Slaugenhop, George E., Vernon, Tex. Pump rod guide and check. 2,167,591; July 25.

Slaughter, Charles E., Westfield, N. J., assignor to Plaskon Company, Incorporated, Toledo, Ohio. Composite photographic plate and frame. 2,149,636; Mar. 7.

Slauter, Lester V., Highland Park, and H. Salter, assignors to Michigan Cellulose Corporation, Detroit, Mich. Liquid plastic and applying a plastic coating. 2,148,381; Feb. 21.

Slavsky, John R. (See Shaw, R. J., and Slavsky.)

Slawson, Cecil F., Lockport, Ill., assignor to The Texas Company, New York, N. Y. Distillation of mineral oil. 2,175,817; Oct. 10.

Slawson, Edward D., assignor to L. D. Goddeyne, Bay City, Mich. Cutting device for fishermen. 2,171,050; Aug. 29.

Slaymaker, Beulah M., et al. (See Philippe, George A., assignor.)

Slaymaker, Otho L., et al. (See Philippe, George A., assignor.)

Slayter, Games. (See Atkinson, F. W., Kleist, Slayter, Thomas, and Lannan.)

Slayter, Games, Newark, Ohio, assignor to Owens-Illinois Glass Company. Vitreous enamel. 2,144,666; Jan. 24.

Slayter, Games, Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Method and apparatus for spinning glass wool. 2,150,945; Mar. 21.

Slayter, Games, Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Porous tube for storage battery electrodes. 2,168,366; Aug. 8.

Slayter, Games, Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Electrically heated blower. 2,175,224; Oct. 10.

Slayter, Games, Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Making glass wool. 2,175,225; Oct. 10.

Slayter, Games, Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Insulating and weather resistant materials. 2,175,226; Oct. 10.

Slayter, Games, Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Air filter. 2,178,614; Nov. 7.

Slayter, Games, and J. H. Thomas, Newark, Ohio, assignors, by mesne assignments, to Owens-Corning Fiberglas Corporation. Apparatus for making fibrous materials. 2,156,316; May 2.

Slayter, Games, Newark, and J. S. Irvine, Toledo, Ohio, assignors, by mesne assignments, to Owens-Corning Fiberglas Corporation. Air filter. 2,160,003; May 30.

Sledd, Marvin B., Schenectady, N. Y., assignor to General Electric Company. Time delay relay. 2,183,412; Dec. 12.

Sleeman, Harold P., assignor to The R. Thomas & Sons Company, Lisbon, Ohio. Electric insulator. 2,154,387;

Sleeper & Hartley, Incorporated. (See Blount, William H., assignor.)

Sleeper & Hartley, Inc. (See Blount, W. H., and Fisher, assignors.)

Sleeper & Hartley, Incorporated. (See Blount, W. H., and Fisher, assignors.)

Sleeper, Ned M., and H. V. Keeling, Lakeport, Calif. Fish lure. 2,155,335; Apr. 18.

Sleeper, Ned McL., Upper Lake, assignor of one-third to A. L. Barber, one-sixth to R. Lake, and one-sixth to W. T. Gordon, Lake County, Calif. Horticultural germicide. 2,178,270; Oct. 31.

Sleeper, Wesley A., Los Angeles, Calif. Brush. 2,167,129; July 25.

Sleeseman, Robert, assignor of fifty per cent to W. F. Klonowski, Saginaw, Mich. Walking animal toy. 2,168,425; Aug. 8.

Slepian, Joseph. (See Wagner, C. F., Slepian, and Ludwig.)

Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Make-alive electrode. 2,157,923; May 9.

Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Rectifier. 2,162,518; June 13.

Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Current control system. 2,165,911; July 11.

Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,169,031; Aug. 8.

Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor-electric converter. 2,169,032; Aug. 8.

Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Gas-filled ignitron. 2,175,924; Oct. 10.

Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Igniter-excitation for ignitron systems. 2,175,925; Oct. 10.

Slepian, Joseph, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric converter. 2,182,647; Dec. 5.

Slepian, Joseph, Pittsburgh, and L. R. Ludwig, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Flat rectifier and circuit. 2,165,075; July 4.

Slezinsky, Frank L., and I. F. Elder, Kingsville, Tex. Attachment for headlights. 2,175,766; Oct. 10.

Slick, Edwin E., Pittsburgh, Pa. Metal wheel rim. 2,150,810; Mar. 14.

Slick, Edwin E., Pittsburgh, Pa. Building block. 2,158,089; May 16.

Slick, Edwin E., Pittsburgh, Pa. Building wall construction. 2,163,454; June 20.

Slick, Edwin E., Pittsburgh, Pa. Hinge. 2,183,413; Dec. 12.

Sline, Lloyd C., San Diego, Calif. Safety breather for aircraft engines. 2,172,522; Sept. 12.

Slingerland, Henry H., River Forest, Ill. Snare drum. 2,166,733; July 18.

Slingland, Charles E. (See McLachlan, R. W., and Slingland.)

Slipikas, Benjamin, Brooklyn, N. Y. Apportioning device. 2,168,050; Aug. 1.
Slisz, Theodore B., and C. C. Schuetz, assignors to United States Gypsum Company, Chicago, Ill. Heat insulating material and forming the same. 2,173,815; Sept. 19.
Sloan, Clifford K., and G. D. Patterson, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Pigment treatment process. 2,159,055; May 23.
Sloan, Harry E., Hartford, and G. A. Highberg, West Hartford, assignors to The Cushman Chuck Company, Hartford, Conn. Chuck. 2,170,769; Aug. 22.
Sloan, Henry C., South Bend, Ind. Speed control device. 2,177,537; Oct. 24.
Sloan, James W., assignor to International Supply Company, Tulsa, Okla. Reverse clutch mechanism. 2,156,033; Apr. 25.
Sloan, Lon, Chicago, Ill., assignor to Morse Chain Company, Ithaca, N. Y. Floating shaft coupling. 2,177,845; Oct. 31.
Sloan, Theodore H., Charleroi, Pa., assignor to Simplex Engineering Company. Method of and apparatus for stenciling. 2,142,158; Jan. 3.
Sloan, Theodore H., Charleroi, Pa., assignor to Simplex Engineering Company. Stenciling apparatus. 2,146,773; Feb. 14.
Sloan Valve Company. (See Sloan, William E., assignor.)
Sloan, William E., assignor to Sloan Valve Company, Chicago, Ill. Vacuum breaker. 2,159,056; May 23.
Sloan, William H., Washington, D. C. Air conditioning apparatus. 2,142,289; Jan. 3.
Sloan, William H., Washington, D. C. Humidifier. 2,163,474; June 20.
Sloane-Blabon Corporation. (See Frederick, Robert R., assignor.)
Sloane-Blabon Corporation. (See Pohl, Robert H., assignor.)
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Drive mechanism for shaker conveyers. 2,142,217; Jan. 3.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Drive mechanism for shaker conveyers. 2,142,382; Jan. 3.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 2,143,092; Jan. 10.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Kerf-cutting machine. 2,143,663; Jan. 10.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Motor control system. 2,149,472; Mar. 7.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 2,151,571; Mar. 21.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Controller for mine locomotives. 2,152,929; Apr. 4.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Feeding mechanism for shaker or jigging conveyers. 2,165,583; July 11.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Shaker conveyer. 2,174,097; Sept. 26.
Sloane, William W., assignor to Goodman Manufacturing Company, Chicago, Ill. Loading machine. 2,183,383; Dec. 12.
Slocombe, Frank E. (See Waldron, F. B., and Slocombe.)
Slocum, Harvey F., Long Branch, N. J., assignor to American Telephone and Telegraph Company. Duct rodding equipment. 2,142,290; Jan. 3.
Slocum, Harvey F., Long Branch, N. J., assignor to American Telephone and Telegraph Company. Manhole structure. 2,163,221; June 20.
Slocum, Rodney K., Pelham Manor, N. Y. Tea or coffee bag. 2,146,096; Feb. 7.
Slocum, Rodney K., Pelham Manor, N. Y. Making packages. 2,148,587; Feb. 28.
Slocum, Rodney K., Pelham Manor, N. Y. Apparatus for producing a package. 2,179,024; Nov. 7.
Slocumb, Leith H., Ferguson, Mo. Pipe cleaning device. 2,144,419; Jan. 17.
Sloman, Cheri M. (See Bull, A. W., Sloman, and Grafton.)
Sloman, Cheri M., and R. A. Merrill, Detroit, Mich., assignors, by mesne assignments, to United States Rubber Company, New York, N. Y. Resilient mounting. 2,160,040; May 30.
Slough, Ralph M., assignor to The Illinois Pipe Line Company, Findlay, Ohio. Liquid sampling apparatus. 2,183,338; Dec. 12.
Slomer, Joseph J., assignor to Goodman Manufacturing Company, Chicago, Ill. Cutter chain for mining machines. 2,164,091; June 27.
Slomon, Ira I., Long Island City, N. J. Apparel protector and indicator. 2,156,880; May 2.
Slonneger, John C., Tulsa, Okla., assignor to The Falk Corporation, Milwaukee, Wis. Counterweighted crank. 2,146,690; Feb. 7.
Slotta, Max A., Chicago, Ill. Screw-threading die and holder therefor. 2,152,711; Apr. 4.
Slotterbeck, Ober C., and R. Rosen, Elizabeth, N. J., assignors to Standard Oil Development Company. Making alkyl halides. 2,174,278; Sept. 26.
Slunder, Charles J. (See Work, H. K., and Slunder.)
Slusar, Frank M., Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Packaged article. 2,160,235; May 30.
Ślusarz, Tadeusz, Warsaw, Poland. Fire alarm. 2,156,437; May 2.
Slusher, Frank, Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Method and apparatus for chain looping. 2,149,150; Feb. 28.
Slusher, Harold R., assignor of one-half to C. R. Blackledge, Blandinsville, Ill. Rake. 2,162,648; June 13.
Slusser, Harry R., assignor to The Timken Roller Bearing Company, Canton, Ohio. Double row roller bearing. 2,142,958; Jan. 3.
Slusser, Harry R., assignor to The Timken Roller Bearing Company, Canton, Ohio. Double row roller bearing. 2,178,843; Nov. 7.
Slutz, Thomas W., Cleveland, Ohio. Animal trap. 2,174,929; Oct. 3.
Sly, Caryl, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of hexahydropara-phenylene diamine. 2,175,003; Oct. 3.
Slye, Edward A. (See Spaunburg, H. L., and Slye.)
Slye, Edward A., East Hartford, E. Wild and J. B. Hoye, Hartford, and H. L. Spaunburg, Bristol, Conn., assignors, by mesne assignments, to The Wayne Pump Company, Fort Wayne, Ind. Gearing for liquid dispensing apparatus. 2,151,239; Mar. 21.
Smack Corporation, The. (See Duane, H. B., and Long, assignors.)
Small, C. T., Manufacturing Company. (See Mundy, William J., assignor.)
Small, Clyde E., assignor to The Campbell Hausfeld Company, Harrison, Ohio. Multiple burner furnace. 2,184,654; Dec. 26.
Small, Francis G., Middlesex, assignor to Iron Paving Limited, London, England. Road construction. Re. 21,191; Aug. 29.
Smathers, J. Bat, et al. (See McEniry, Horace, assignor.)
Small, Frederick M., assignor to Martin-Parry Corporation, York, Pa. Building wall construction. 2,164,261; June 27.
Small, Frederick M., assignor to Martin-Parry Corporation, York, Pa. Furring stud or strip. 2,167,816; Aug. 1.
Small, Frederick M., assignor to Martin-Parry Corporation, York, Pa. Interior paneling and erecting the same. 2,178,817; Nov. 7.
Small, Hervey W., Small, Idaho. Irrigation dam. 2,174,845; Oct. 3.
Small, Horatio L. (See Hillers, C. E., and Small.)
Small, Lyndon F., Charlottesville, Va., and H. M. Fitch, Woodstown, N. J., assignors to the Government of the United States of America, as represented by the Secretary of the Treasury. Nuclear substituted derivatives of the morphine series and their preparation. 2,178,010; Oct. 31.
Small, Margaret G., Lakehurst, N. J. Universal headstock. 2,173,769; Sept. 19.
Smalley, Dave E. (See Longshore, J. H., Smalley, and Petty.)
Smalley, Frazey B., Toledo, Ohio. Adaptable mounting for prime movers to act on ground wheels. 2,166,450; July 18.
Smalley, Grover C., Alton, Ill. Handle attaching clamp. 2,146,996; Feb. 14.
Smalley, Harold. (See Warner, R. W., Woodruff, and Smalley.)
Smalley, Harvey S., Jr., Winthrop Harbor, Ill. Roof construction. 2,167,592; July 25.
Smalley, Lee L., assignor to Bendix Products Corporation, South Bend, Ind. Brake tester. 2,160,092; May 30.
Smalley, Lee L., assignor to Bendix Products Corporation, South Bend, Ind. Automotive service apparatus. 2,173,597; Sept. 19.
Smalley, Lee L., assignor to Bendix Products Corporation, South Bend, Ind. Measuring mechanism. 2,177,501; Oct. 24.
Smaltz, John C., New York, N. Y., and C. W. Kahlerth, Newark, N. J., assignors to McKiernan-Terry Corporation, New York, N. Y. Airplane winch. 2,163,231; June 20.
Smaltz, John C., New York, N. Y., and C. W. Kahlerth, Newark, N. J., assignor to McKiernan-Terry Corporation, New York, N. Y. Winch. 2,178,305; Oct. 31.
Smardo, Frank, assignor to Phoebus Corporation, Chicago, Ill. Target device. 2,153,162; Apr. 4.
Smarr, Morris R., Harrisburg, Pa. Girdle. 2,175,786; Oct. 10.
Smart, John W., West Brighton, Staten Island, N. Y. Heelplate. 2,174,199; Sept. 26.
Smart, Lon R., and M. Nelson, Rocksprings, Tex. Self-closing gate. 2,151,052; Mar. 21.
Smede, Lloyd, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge device. 2,157,924; May 9.
Smede, Lloyd, Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,162,519; June 13.
Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,148,656; Feb. 28.
Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,152,289; Mar. 28.

Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Bag-condition indicator for suction cleaners. 2,174,604; Oct. 3.
Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,178,003; Oct. 31.
Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Ice tray. 2,181,590; Nov. 28.
Smellie, Donald G., Canton, assignor to The Hoover Company, North Canton, Ohio. Refrigeration. 2,181,591; Nov. 28.
Smellie, Donald G., Canton, and W. C. Eberly, assignors to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,184,441; Dec. 26.
Smenner, Herbert F., Muncie, Ind. Tip for draftsmen's mechanical pencils. 2,170,734; Aug. 22.
Smetana, Otto F., assignor to Quaker Hosiery Company, Philadelphia, Pa. Full fashioned stocking. 2,181,836; Nov. 28.
Smethurst, Philip C., Sidcot, Heaton, Bolton, and S. S. Francis, Sheffield, England. Gauging photographic exposures. 2,143,500; Jan. 10.
Smeykal, Karl. (See Havemann, H., and Smeykal.)
Smidth, F. L., & Company. (See Ahlmann, Nikolai, assignor.)
Smidth, F. L., & Co. (See Borch, Niels S., assignor.)
Smidth, F. L., & Company. (See Middelboe, Kristian, assignor.)
Smidth, F. L., & Co. (See Pontoppidan, Carl, assignor.)
Smidth, F. L., & Co. (See Rønne, Einar, assignor.)
Smidth, F. L., & Company. (See Vogel-Jorgensen, Mikael, assignor.)
Smidth, Leonard, Philadelphia, Pa. Urea-formaldehyde reaction product. 2,174,535; Oct. 3.
Smiley, Gilbert, Hingham, Mass., assignor to Hammond Instrument Company, Chicago, Ill. Electronic musical instrument. 2,173,888; Sept. 26.
Smiley, Orvall, Springfield, Ill. Product for treating bitumens. 2,154,873; Apr. 18.
Smit, J. K., & Sons, Inc. (See Heath, C. L., and Sherwood, assignors.)
Smit, J. K., & Sons, Inc. (See Stone, J. M., and Taylor, assignors.)
Smit, J. K., & Sons, Inc. (See Taylor, Rutherford H., assignor.)
Smit, Pieter, assignor to N. V. Actrooien Maatschappij "Activit", Amsterdam, Netherlands. Active carbonaceous materials. 2,171,408; Aug. 29.
Smit, Pieter, assignor to N. V. Octrooien Maatschappij "Activit", Amsterdam, Netherlands. Apparatus for the continuous mixing and homogenizing of substances. 2,177,910; Oct. 31.
Smit, Willem, & Co's Transformatorenfabriek. (See Schoenmaker, Pieter, assignor.)
Smith, A. O., Corporation. (See Andrus, Orrin E., assignor.)
Smith, A. O., Corporation. (See Asmussen, Jes, assignor.)
Smith, A. O., Corporation. (See Holmberg, Einar O., assignor.)
Smith, A. O., Corporation. (See Larson, Louis J., assignor.)
Smith, A. O., Corporation. (See Leja, Alfred H., assignor.)
Smith, A. O., Corporation. (See Needham, H. H., and Zerbe, assignors.)
Smith, A. O., Corporation. (See Needham, H. H., Schmitz, and Zerbe, assignors.)
Smith, A. O., Corporation. (See Nilson, E. H., and Carstens, assignors.)
Smith, A. O., Corporation. (See Sherman, Donald W., assignor.)
Smith, A. O., Corporation. (See Straty, Stephen, assignor.)
Smith, A. O., Corporation. (See Yost, Lloyd, assignor.)
Smith, A. O., Corporation. (See Zerbe, Frederick K., assignor.)
Smith, Albert A., Jr. (See Betterton, J. O., Phillips, and Smith.)
Smith, Albert H., South Gate, Calif. Electrode holder. 2,150,464; Mar. 14.
Smith, Albert K. (See Prutton, C. F., and Smith.)
Smith, Alexander, & Sons Carpet Company. (See Barrett, Charles E., assignor.)
Smith, Alexander, & Sons Carpet Company. (See Cochran, Drayton, assignor.)
Smith, Alexander M., Kent, assignor to The Lamson & Sessions Company, Cleveland, Ohio. Sorting machine. 2,156,822; May 2.
Smith, Alfred R., Forest Hills, assignor to Combustion Engineering Company, Inc., New York, N. Y. Drying apparatus. 2,152,367; Mar. 28.
Smith, Alfred R., Forest Hills, assignor to Combustion Engineering Company, Inc., New York, N. Y. Drying apparatus. 2,157,775; May 9.
Smith, Alva T., assignor to National Enameling and Stamping Company, Milwaukee, Wis. Electric culinary appliance. 2,147,319; Feb. 14.
Smith, Alva T., assignor to National Enameling and Stamping Company, Milwaukee, Wis. Thermostatic control for liquid fuel burners. 2,164,955; July 4.
Smith, Anne E., Kalamazoo, Mich. Wall file. 2,177,157; Oct. 24.
Smith, Anthony N. (See McKeige, E. E., and Smith.)
Smith, Anthony N., Girard, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Sparking paper rupture toy weapon. 2,168,454; Aug. 8.
Smith, Anthony N., Girard, Pa., assignor to Louis Marx & Company, Inc., New York, N. Y. Paper rupture pistol. 2,176,474; Oct. 17.
Smith, Archibald C., Rochester, N. Y., assignor to United Shoe Machinery Corporation, Paterson, N. J. Trimming machine. 2,171,608; Sept. 5.
Smith, Arthur B., Evanston, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Public address system. 2,149,637; Mar. 7.
Smith, Arthur E., Los Angeles, Calif. Ampoule syringe. 2,157,503; May 9.
Smith, Arthur F. (See Carroll, F. M., and Smith.)
Smith, Arthur L., Bryn Mawr, Wash. Electrical control means. 2,172,643; Sept. 12.
Smith, August C., assignor to Miller Printing Machinery Company, Pittsburgh, Pa. Two-sheet detector. 2,142,536; Jan. 3.
Smith, Beauford B., San Diego, Calif. Detachable refrigerated cutting block apparatus. 2,156,795; May 2.
Smith, Beauford B., assignor to A. M. Hinman, Emigrant Gap, Calif. Method and apparatus for cargo loading and discharging in flight. 2,151,395; Mar. 21.
Smith, Benjamin A., Rocky River, assignor to The C. O. Bartlett & Snow Company, Cleveland, Ohio. Calcining copperas. 2,143,805; Jan. 10.
Smith, Benjamin F., Grand Rapids, Mich. Mechanical game. 2,180,123; Nov. 14.
Smith, Benjamin H., assignor to Michigan Wire Goods Company, Niles, Mich. Portable cooking stove. 2,158,805; May 16.
Smith, Bennett A. (See Long, Ben T., assignor.)
Smith, Byron E., deceased, Ketchikan, Alaska; E. C. Wooster, executor. Variable speed dynamo-electric power transmitting and converting device. 2,170,836; Aug. 29.
Smith, Byron L., Spring Valley, assignor, to S. Mendelsohn, New York, N. Y. Synchronizing tester. 2,145,321; Jan. 31.
Smith, C. Victor. (See Ludecke, F. W., and Smith.)
Smith, Campbell H., assignor to J. Allen Smith & Company, Knoxville, Tenn. Process of and apparatus for bleaching flour. 2,160,918; June 6.
Smith, Carlisle F., Elmira, N. Y., assignor, by mesne assignments, to American-La France-Foamite Corporation. Fire engine. 2,154,642; Apr. 18.
Smith, Carlton E., Linthicum Heights, Md., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Treatment of titanium liquors. 2,149,370; Mar. 7.
Smith, Carroll C. (See Williams, I., and Smith.)
Smith, Charles, assignor to O. T. Hodge, St. Louis, Mo. Spark plug. 2,142,383; Jan. 3.
Smith, Charles, St. Louis, assignor of one-fourth to J. H. Theis, Pacific, Mo. Spark plug. 2,179,801; Nov. 14.
Smith, Charles A., Toledo, assignor to Signco, Inc., Perrysburg, Ohio. Sign. 2,145,955; Feb. 7.
Smith, Charles B., Tucson, Ariz., and C. S. Harvey, Milwaukie, Oreg. Indicator for deflated pneumatic tires. 2,167,782; Aug. 1.
Smith, Charles D. (See Ruggles, F. W., and Smith.)
Smith, Charles E., Three Rivers, Tex. Mold coating apparatus. 2,145,101; Jan. 24.
Smith, Charles E., assignor of one-half to R. H. Coffin, Mobile, Ala. Freezing apparatus. 2,145,637; Jan. 31.
Smith, Charles E., and C. H. Bruns, Chicago, Ill. Head treating device. 2,171,376; Aug. 29.
Smith, Charles F. (See Miller, F. L., and Smith.)
Smith, Charles F. (See Miller, F. L., and Smith, assignors.)
Smith, Charles G., Medford, assignor, by mesne assignments, to Raytheon Manufacturing Company, Newton, Mass. Electron discharge device. 2,143,459; Jan. 10.
Smith, Charles G., Medford, assignor to Raytheon Manufacturing Company, Newton, Mass. Gaseous discharge device. 2,179,601; Nov. 14.
Smith, Charles G., Medford, assignor to Raytheon Manufacturing Company, Newton, Mass. Electrical gaseous discharge device. 2,179,673; Nov. 14.
Smith, Charles H., Cleveland, Ohio. Manhole cover. 2,156,166; Apr. 25.
Smith, Charles J., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,154,113; Apr. 11.
Smith, Charles M. (See Goodhue, L. D., and Smith.)
Smith, Charles V., Weybridge, Surrey, assignor, by mesne assignments, to Vickers-Armstrongs Limited, London, England. Method of and means for rolling channel or like sections from strip metal. 2,150,731; Mar. 14.
Smith, Christopher I. (See Cole, L. W., and Smith.)
Smith, Clarence C. (See Christensen, N. V., Smith, and Sauer.)
Smith, Clarence C. (See Rubel, C. F., and Smith.)
Smith, Clarence C., assignor to Union Special Machine Company, Chicago, Ill. Lubricating system for sewing machines. 2,156,547; May 2.
Smith, Clarence C., assignor to Union Special Machine Company, Chicago, Ill. Collapsible connecting rod. 2,156,548; May 2.
Smith, Clarence N., Silver Spring, Md. Educational system. 2,154,478; Apr. 18.

Smith-Clarke, George T., Coventry, England. Built-up crankshaft. 2,151,624; Mar. 21.
Smith, Claude H., Tallmadge, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Handling of dusts, etc. 2,165,946; July 11.
Smith, Claude V., Emporia, Kans. Waterproof paint. 2,170,163; Aug. 22.
Smith, Clifford F., Sioux Falls, S. Dak., assignor to Wolverine Brass Works, Grand Rapids, Mich. Pipe cleaner. 2,180,437; Nov. 21.
Smith, Clyde, Hopkinsville, Ky., assignor, by mesne assignments, to Addressograph-Multigraph Corporation, Cleveland, Ohio. Addressing and printing machine. Re. 21,110; June 6.
Smith, Clyde, Hopkinsville, Ky., assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Automatic stock quotation display board. 2,145,032; Jan. 24.
Smith, Clyde, Hopkinsville, Ky., assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Automatic stock quotation board. 2,151,994; Mar. 28.
Smith, Clyde, Hopkinsville, Ky., assignor, by mesne assignments, to International Standard Electric Corporation, New York, N. Y. Automatic stock quotation board. 2,164,956; July 4.
Smith, Clyde, near Hopkinsville, Ky., assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Calculating and accounting machine. 2,176,929; Oct. 24.
Smith, Clyde, near Hopkinsville, Ky., assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Calculating and accounting machine. 2,176,930; Oct. 24.
Smith, Clyde, near Hopkinsville, Ky., assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Calculating and accounting machine. 2,176,931; Oct. 24.
Smith, Clyde, near Hopkinsville, Ky., assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Electrical calculating machine. 2,176,932; Oct. 24.
Smith, Clyde, near Hopkinsville, Ky., assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Calculating and accounting machine. 2,176,933; Oct. 24.
Smith, Clyde, near Hopkinsville, Ky., assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Calculating machine. 2,176,934; Oct. 24.
Smith, Curtiss F., West Hartford, assignor to Fuller Brush Company, Hartford, Conn. Brush forming machine. 2,176,861; Oct. 17.
Smith, Cyril S., Cheshire, and E. W. Palmer, assignors to The American Brass Company, Waterbury, Conn. Copper base alloy. 2,157,149; May 9.
Smith, Dallas V., Mount Pleasant, Iowa. Automatic speed control. 2,163,108; June 20.
Smith, Daniel D., Valdosta, Ga. Filling machine. 2,155,336; Apr. 18.
Smith & Davis Manufacturing Company. (See Duvall, W. J., and Froemke, assignors.)
Smith, Dillon F., and O. T. Close, Pensacola, Fla., assignors, by mesne assignments, to Armstrong Cork Company, Manheim Township, Lancaster County, Pa. Coating the surface of wallboard and the like. 2,176,981; Oct. 24.
Smith, Don, Austin, Tex. Dam. 2,158,205; May 16.
Smith, Donald F., Los Angeles, Calif. Electric wire connecting device. 2,173,668; Sept. 19.
Smith, Donald L., Dunellen, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Cutting machine. 2,180,646; Nov. 21.
Smith, Dorothy M. (See Smith, Frederick J. C., assignor.)
Smith, Douglas G. (See Mitchell, Harry R., assignor.)
Smith, Drum and Company. (See Drum, H. S., and Dodson, assignors.)
Smith, Drum and Company. (See Drum, H. S., Dodson, and Jaxheimer, assignors.)
Smith, Earl B., Toronto, Ontario, Canada. Heat exchange coil. 2,143,287; Jan. 10.
Smith, Earl C., Malin, Oreg. Earth scraper and digger. 2,161,102; June 6.
Smith, Earle R., assignor to D. P. Holmes, Alhambra, Calif. Carpet sweeper. 2,166,977; July 25.
Smith, Ed S., Jr., St. Albans, N. Y., assignor, by mesne assignments, to Reconstruction Finance Corporation, Minneapolis, Minn. Brake. 2,164,300; June 27.
Smith, Edgar B., deceased; E. M. Smith, Berwyn, administratrix, assignor to A. B. Carlson, Aurora, Ill. Paint applying device. 2,156,270; May 2.
Smith, Edith P., Berkeley, Calif. Bowl. 2,170,311; Aug. 22.
Smith, Edna M., administratrix. (See Smith, Frank A., assignor.)
Smith, Edward C., Santa Barbara, Calif. Gem grinding machine. 2,163,987; June 27.
Smith, Edward P., South Charleston, W. Va. Tube joint tool. 2,159,185; May 23.
Smith, Edward W., Melrose, assignor to Submarine Signal Company, Boston, Mass. Distance measuring apparatus. 2,143,035; Jan. 10.
Smith, Edward W., Melrose, assignor to Submarine Signal Company, Boston, Mass. Deaerating liquids. 2,147,677; Feb. 21.
Smith, Edwin C., Providence, assignor to Rhode Island Warp Stop Equipment Company, Pawtucket, R. I. Reed cushioning device. 2,151,488; Mar. 21.
Smith, Edwin E., and R. Rostedt, Utica, N. Y. Scaffold support for automobiles. 2,176,772; Oct. 17.
Smith, Edwin F., Prospect Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lubricating apparatus. 2,169,296; Aug. 15.
Smith, Edwin R., assignor to Seneca Falls Machine Company, Seneca Falls, N. Y. Feed mechanism for a machine tool. 2,168,632; Aug. 8.
Smith, Edwin R., assignor to Seneca Falls Machine Company, Seneca Falls, N. Y. Contour turning attachment. 2,168,633; Aug. 8.
Smith, Ella M., administratrix. (See Smith, Edgar B.)
Smith, Elizabeth E. (See Smith, Will O. and E. E.)
Smith, Ellis C., Schroeder, Minn. Creeper. 2,168,455; Aug. 8.
Smith, Elmer H., assignor, by mesne assignments, to Smith Welding Equipment Corporation, Minneapolis, Minn. Gas lighter. 2,180,616; Nov. 21.
Smith, Elmer L., Longmeadow, and C. Wetsel, assignors to Package Machinery Company, Springfield, Mass. Wrapping machine. 2,146,997; Feb. 14.
Smith, Elwood E., Chicago, Ill. Self-adjusting power transmission. 2,183,434; Dec. 12.
Smith, Emmett R., Sunray, E. J. Redd, Dalhart, and O. L. Smith, Sunray, Tex. Tire pressure indicating device. 2,152,159; Mar. 28.
Smith Engineering Works. (See Rumpel, Harvey H., assignor.)
Smith, Erasmus D., Warrensville, Ohio. Brake for vehicles. 2,147,932; Feb. 21.
Smith, Eric O. (See Keall, O. E., and Smith.)
Smith, Ernest W., London, A. Charles, Streatham Vale, London, and R. W. E. Gaskin, Claygate, England. Dry gas meter. 2,158,839; May 16.
Smith, F. Howard, et al., executors. (See Pugh, John D.)
Smith, Floyd, assignor to Irving Air Chute Co. Inc., Buffalo, N. Y. Parachute harness. 2,157,504; May 9.
Smith, Floyd, assignor to Irving Air Chute Co., Inc., Buffalo, N. Y. Parachute pack. 2,157,505; May 9.
Smith, Forest G., assignor to The Central Ohio Conveyor Company, Columbus, Ohio. Machine for cutting ice cakes into cubes. 2,156,247; Apr. 25.
Smith, Forrest E., Chicago, Ill. Hammer for impact pulverizers. 2,152,332; Mar. 28.
Smith, Francisco S., Mayaguez, P. R. Cloth cutting machine standard protector. 2,161,103; June 6.
Smith, Frank A. (See Taylor, G. E., and Smith.)
Smith, Frank A., deceased, Hialeah, Fla.; E. M. Smith, administratrix, assignor to E. M. Smith. Piston ring remover. 2,153,941; Apr. 11.
Smith, Frank B. (See Britton, E. C., Smith, Livak, and Sunderland.)
Smith, Frank R. (See Julien, L. F., Smith, and Billing.)
Smith, Frank B., assignor to The Dow Chemical Company, Midland, Mich. Cyclohexylated chloro-diphenyl ethers. 2,182,827; Dec. 12.
Smith, Frank E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Classification system. 2,150,946; Mar. 21.
Smith, Frank E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Washing apparatus. 2,150,947; Mar. 21.
Smith, Frank E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Separation of materials. 2,176,107; Oct. 17.
Smith, Frank M., Dearborn, Mich., assignor, by mesne assignments, to The Atwood Vacuum Machine Company, Rockford, Ill. Vehicle door mounting. Re. 21,231; Oct. 10.
Smith, Frank M., assignor, by mesne assignments, to Stout Engineering Laboratories, Inc., Dearborn, Mich. Vehicle front end assembly. 2,148,781; Feb. 28.
Smith, Fred W., Adams, Mass. Windshield support. 2,160,795; May 30.
Smith, Frederic B., Winthrop, Mass. Manifold envelope strip. 2,181,212; Nov. 28.
Smith, Frederick E., San Leandro, Calif. Low-pressure alarm for tires. 2,149,555; Mar. 7.
Smith, Frederick J. C., Milford, Conn., assignor to D. M. Smith, Okeene, Okla. Fume exhausting soldering iron. 2,184,980; Dec. 26.
Smith, George A. (See Hayden, E. J., and Smith.)
Smith, George A., assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Orienting drill stems. 2,179,832; Nov. 14.
Smith, George A., assignor to Sperry-Sun Well Surveying Company, Philadelphia, Pa. Well surveying instrument. 2,152,671; Apr. 4.
Smith, George H., Kenmore, and W. J. Jacobsson, Buffalo, N. Y., assignors, by mesne assignments, to Union Carbide and Carbon Corporation. Pressure regulating and reducing apparatus. 2,146,273; Feb. 7.
Smith, George H., Kenmore, N. Y., and W. J. Jacobsson, Scotch Plains, N. J., assignors to The Linde Air Products Company. Pressure regulating and reducing apparatus. 2,178,974; Nov. 7.
Smith, George L., assignor to Thermo Brakes Corporation, Washington, D. C. Temperature compensator for brake adjusters. 2,147,996; Feb. 21.
Smith, George L., assignor to Thermo Brakes Corporation, Washington, D. C. Clearance adjuster for brakes. 2,165,076; July 4.

Smith, George O. (See Kenney, M. W., and Smith.)
Smith, George O., Bloomfield, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Asymmetrical conductor. 2,143,824; Jan. 10.
Smith, George O., Bloomfield, N. J., assignor to Bell Telephone Laboratories Incorporated, New York, N. Y. Asymmetrical conductor. 2,162,362; June 13.
Smith, George S., Oakland, Calif. Coating cementitious surfaces with metallic layers. 2,150,789; Mar. 14.
Smith, George S., Oakland, Calif. Metallic coating material and applying the same. 2,161,104; June 6.
Smith, George W., assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Preparing solid alkaline compounds. 2,164,092; June 27.
Smith, Gerald F., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Power system. 2,157,869; May 9.
Smith, Gertrude L., Los Angeles, Calif. Decorative shelf covering. 2,144,513; Jan. 17.
Smith, Gertrude L., Los Angeles, Calif. Combination vestee and scarf. 2,163,857; June 27.
Smith, Glen, Clarkwood, Tex. Gauge line wiper. 2,157.024; May 2.
Smith, Glenn A., Montesano, Wash. Illuminated cane. 2,144,858; Jan. 24.
Smith, Goldie V., et al. (See Smith, Louis R., assignor.)
Smith, Guy V., Marion, Ind. Overhead door structure. 2,171,194; Aug. 29.
Smith, H. P., Paper Company. (See Sherman, Clayton C., assignor.)
Smith, Hamilton E., et al. (See Dewan, L., and Bartho, assignors.)
Smith, Hamilton E., et al. (See Wren, J. R., and Bartho, assignors.)
Smith, Hannah M. (See Keen, Thomas A., assignor.)
Smith, Harold, Sutton Coldfield, and H. Taylor, Erdington, Birmingham, assignors to Dunlop Rubber Company, Limited, London, England. Collapsible segmental former. 2,168,588; Aug. 8.
Smith, Harold E., Adrian, Mich. Drawing file. 2,184,852; Dec. 26.
Smith, Harold J., Riverside, assignor to Technical Research Corporation, Chicago, Ill. Sound recorder and reproducer. 2,167,817; Aug. 1.
Smith, Harold M., Greensboro, N. C. Needle butt puller. 2,150,253; Mar. 14.
Smith, Harold M., P. Grandone, and H. T. Rall, Bartlesville, Okla. Purification of aromatic hydrocarbons. 2,143,036; Jan. 10.
Smith, Harry B., Glen Rock, and G. A. Dolan, Hohokus, N. J. Pipe welding and heat-treating process and means. 2,184,534; Dec. 26.
Smith, Harry E., Short Hills, N. J., assignor to Celluloid Corporation. Workbox. 2,169,297; Aug. 15.
Smith, Harry F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,142,828; Jan. 3.
Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,158,090; May 16.
Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,161,321; June 6.
Smith, Harry F., assignor to The Acklin Stamping Company, Toledo, Ohio. Steering wheel hub structure. 2,162,759; June 20.
Smith, Harry F., assignor to The Acklin Stamping Company, Toledo, Ohio. Steering wheel hub structure. 2,162,760; June 20.
Smith, Harry F., assignor to The Acklin Stamping Company, Toledo, Ohio. Steering wheel hub structure. 2,162,761; June 20.
Smith, Harry F., assignor to The Acklin Stamping Company, Toledo, Ohio. Steering wheel hub structure. 2,163,569; June 20.
Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,164,842; July 4.
Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,167,394; July 25.
Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,169,746; Aug. 15.
Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Concentrating apparatus. 2,176,645; Oct. 17.
Smith, Harry F., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation. Refrigerating apparatus. 2,177,306; Oct. 24.
Smith, Harry F., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,181,213; Nov. 28.
Smith, Harry F., and C. E. Waring, assignors to General Motors Corporation, Dayton, Ohio. Refrigeration and absorbent therefor. 2,185,040; Dec. 26.
Smith, Harvey J., Danville, Va. Refrigerator. 2,180,071, Nov. 14.
Smith, Harry T., Salisbury, Md. Saltcellar. 2,173,046; Sept. 12.
Smith, Harry P., et al. (See Reynolds, Bennie S., assignor.)
Smith, Harry S. (See Weld, F. E., and Smith.)
Smith, Henry A. (See Hall, R. W., and Smith.)
Smith, Henry A., Phillipsburg, N. J., and J. Kirgan, Brooklyn, N. Y., assignors to Ingersoll-Rand Company, Jersey City, N. J. Control means for refrigerating apparatus. 2,179,866; Nov. 14.
Smith, Henry B. (See Kocher, N. S., and Smith.)
Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin sheets containing o-cresyl toluene sulphonate. 2,182,360; Dec. 5.
Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin sheets containing benzyl hydrogen succinate. 2,182,361; Dec. 5.
Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin sheets containing Di-(2-(Beta-ethoxyethoxy)-ethyl) formal. 2.182,362; Dec. 5.
Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin sheets containing tetrahydrofurfuryl maleate. 2,184,155; Dec. 19.
Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin sheets containing triamyl phosphate. 2,184,442; Dec. 26.
Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin sheets containing triethylene glycol diacetate. 2,184,443; Dec. 26.
Smith, Henry B., assignor to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin sheets containing tetrahydrofurfuryl succinate. 2,184,445; Dec. 26.
Smith, Henry B., and D. R. Swan, assignors to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin sheets containing an alkyl carbamate and dibutyl phthalate. 2,182,359; Dec. 5.
Smith, Henry B., and D. R. Swan, assignors to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin sheets containing Di-(2-beta-butoxyethoxy)-ethyl-) formal. 2,182,363; Dec. 5.
Smith, Henry B., and D. R. Swan, assignors to Eastman Kodak Company, Rochester, N. Y. Polyvinyl acetal resin sheets containing triethyl citrate. 2,184,444; Dec. 26.
Smith, Henry C., assignor to Superior Hand Brake Company, Chicago, Ill. Slack adjuster. 2,179,564; Nov. 14.
Smith, Henry J., Great Neck, N. Y. Fitting cleaner. 2,156,744; May 2.
Smith, Henry L. (See Jones, L. E., and Smith.)
Smith, Henry M., et al. (See Neuchastle, Edward, assignor.)
Smith, Herbert C. (See Newport, C. L., and Smith.)
Smith, Herbert J., Greenfield, Mass. Die stock and tap wrench. 2,153,054; Apr. 4.
Smith, Herman C., Whittier, and J. T. Phipps, Huntington Park, Calif.; said Phipps assignor to said Smith. Roller bit. 2,165,584; July 11.
Smith, Herman L., Pittsburgh, Pa., assignor to American Smelting and Refining Company, New York, N. Y. Treating lead alloys. 2,184,535; Dec. 26.
Smith, Herschel G., Swarthmore, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Manufacture of lubricating compositions. 2,179,060; Nov. 7.
Smith, Herschel G., Swarthmore, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Manufacture of lubricating compositions. 2,179,061; Nov. 7.
Smith, Herschel G., Swarthmore, assignor, by mesne assignments, to Gulf Oil Corporation, Pittsburgh, Pa. Manufacture of low pour test lubricating distillates. 2,180,070; Nov. 14.
Smith, Herschel G., Wallingford, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Manufacture of sulphurized mono-esters of fatty acids. 2,179,065; Nov. 7.
Smith, Herschel G., Wallingford, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Manufacture of sulphurized sperm oil. 2,179,066; Nov. 7.
Smith, Herschel G., Wallingford, assignor to Gulf Oil Corporation, Pittsburgh, Pa. Lubricant. 2,179,067; Nov. 7.
Smith, Herschel G., Wallingford, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Manufacture of sulpho-halogenated monoesters and improved lubricants containing same. 2,179,062; Nov. 7.
Smith, Herschel G., Swarthmore, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Making sulphurized sperm oils and the like. 2,179,063; Nov. 7.
Smith, Herschel G., Swarthmore, and T. L. Cantrell, Lansdowne, assignors to Gulf Oil Corporation, Pittsburgh, Pa. Refining of oil compositions, containing sulphurized fatty esters. 2,179,064; Nov. 7.
Smith, Hiram P., Canton, Ill., assignor to International Harvester Company. Lifting means for tractor-mounted implements. 2,164,224; June 27.
Smith, Hiram P., Canton, Ill., assignor to International Harvester Company. Adjusting mechanism for tractor implements. 2,180,124; Nov. 14.
Smith, Homer A. (See Lee, C. O., and Smith.)
Smith, Horace L., Jr., assignor to Thermal Engineering Corporation, Richmond, Va. Water injecting device. 2,147,273; Feb. 14.
Smith, Horace L., Jr., and L. N. Joes, Richmond, Va., assignors, by mesne assignments, to Niagara Blower Company, New York, N. Y. Air conditioning control. 2,156,317; May 2.
Smith, Horace S. (See Bancroft, Howard L., assignor.)

Smith, Howard, Paper Mills Limited. (See Powter, N. B., and McCaul, assignors.)
Smith, Howard A., assignor to Knapp-Monarch Company, St. Louis, Mo. Sadiron construction. 2,154,781; Apr. 18.
Smith, Howard A., assignor to Knapp-Monarch Company, St. Louis, Mo. Handle construction for sadirons and the like. 2,159,455; May 23.
Smith, Howard A., assignor to Knapp-Monarch Company, St. Louis, Mo. Insulating base for an electric appliance. 2,166,451; July 18.
Smith, Howard A., assignor to Knapp-Monarch Company, St. Louis, Mo. Stove assembly. 2,176,382; Oct. 17.
Smith, Howard A., assignor to Knapp-Monarch Company, St. Louis, Mo. Electric appliance structure. 2,179,761; Nov. 14.
Smith, Howard P., Olympia, Wash. Fruit display stand. 2,152,219; Mar. 28.
Smith, J. Allen, & Company. (See Smith, Campbell H., assignor.)
Smith, Jack F., Buffalo, N. Y., assignor to Magill-Weinsheimer Company, Chicago, Ill. Display stand. 2,180,125; Nov. 14.
Smith, Jacob G. (See Shoemaker, Alvin H., assignor.)
Smith, Jacob K., North Baltimore, Ohio. Paper holder. 2,149,796; Mar. 7.
Smith, James A., Seattle, Wash. Globe. 2,153,053; Apr. 4.
Smith, James F., Albany, Ga. Holder for garbage cans. 2,175,134; Oct. 3.
Smith, James M., assignor to The Technical Development Corporation, Detroit, Mich. Structure for electrically curing or hardening moist work pieces. 2,152,365; Mar. 28.
Smith, James N., Westfield, N. J., assignor to Aluminum Company of America, Pittsburgh, Pa. Method and apparatus for pressure casting. 2,181,157; Nov. 28.
Smith, James R., Lehi, Utah. Agricultural implement. 2,149,190; Feb. 28.
Smith, James T., assignor to Mills Novelty Company, Chicago, Ill. Refrigerating apparatus for vending machines and the like. 2,160,760; May 30.
Smith, James Y. (See De Fraine, J. L., and Smith.)
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,152,930; Apr. 4.
Smith, Jesse A. B., Stamford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,160,254; May 30.
Smith, Jesse H., Westfield, Mass. Electrostatic cleaner. 2,149,556; Mar. 7.
Smith, Jesse L. (See Shaffer, John E., assignor.)
Smith, John A., Spokane, Wash. Hanger. 2,165,157; July 4.
Smith, John B., assignor to Pomona Products Company, Griffin, Ga. Automatic weighing and rejecting machine. 2,158,023; May 9.
Smith, John C., assignor to Hat Corporation of America, Norwalk, Conn. Cutting and marking apparatus. 2,147,389; Feb. 14.
Smith, John C., assignor to Solar Laboratories, Beaver, Pa. Apparatus for stencil decorating. 2,166,269; July 18.
Smith, John C., assignor to Solar Laboratories, Beaver, Pa. Stenciling machine. 2,169,619; Aug. 15.
Smith, John D., and S. K. Atkinson, Boise, Idaho. Dipper shovel, chute, and crowder attachment for dreging purposes. 2,155,153; Apr. 18.
Smith, John D., and P. B. McMillen, Kansas City, Mo. Dress display form. 2,167,161; July 25.
Smith, John F., Quincy, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Pressure indicator for shoe pressing machines. 2,145,997; Feb. 7.
Smith, John F., Quincy, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Shoe press. 2,152,366; Mar. 28.
Smith, John F., Quincy, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Shoe press. 2,152,389; Mar. 28.
Smith, John F., Quincy, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Adhesive handling apparatus. 2,165,767; July 11.
Smith, John F., Quincy, assignor to M. L. Dodge, Newburyport, Mass. Shoe upper pressing and smoothing machine. 2,167,410; July 25.
Smith, John F., Quincy, Mass., assignor to Compo Shoe Machinery Corporation, New York, N. Y. Apparatus for applying pressure to shoe soles. 2,169,981; Aug. 15.
Smith, John F., Quincy, assignor to M. L. Dodge, New Buryport, Mass. Shoe upper forming and pressing machine. 2,172,017; Sept. 5.
Smith, John F., Quincy, and W. C. Card, Jr., Winthrop, assignors to Compo Shoe Machinery Corporation, Boston, Mass. Welt support. 2,172,263; Sept. 5.
Smith, John L. (See Cochran, H. D., and Smith.)
Smith, John N., assignor of one-fourth to H. Walker, one-fourth to H. Parr, and one-fourth to W. H. Smith, trading as T. Walker & Company, Manchester, England. Cloth laying machine. 2,180,072; Nov. 14.
Smith, John P., assignor to The Visking Corporation, Chicago, Ill. Manufacturing a tube. 2,144,899; Jan. 24.
Smith, John P., Jr., Ridgewood, assignor to The Daven Company, Newark, N. J. Electrical indicator. 2,156,199; Apr. 25.
Smith, John P., Jr., Ridgewood, assignor to The Daven Company, Newark, N. J. Attenuation network. 2,184,104; Dec. 19.
Smith, John Paul, assignor to The Visking Corporation, Chicago, Ill. Producing reinforced seamless-matrix tubes. 2,144,900; Jan. 24.
Smith, John W., assignor to The Fafnir Bearing Company, New Britain, Conn. Bearing. 2,157,101; May 9.
Smith, John W., assignor to Battle Creek Bread Wrapping Machine Company, Battle Creek, Mich. Web feeding and conditioning device. 2,178,922; Nov. 7.
Smith, John W., Lakewood, Ohio. Power-transmitting belt. 2,181,001; Nov. 21.
Smith-Johnson Corporation. (See Smith, N. V., and Stoll, assignors.)
Smith, Joseph B. (See Brown, Elmer L., assignor.)
Smith, Joseph B., Havana, Ill. Grading machine. 2,178,440; Oct. 31.
Smith, Joseph B., trustee. (See Brown, Elmer L., assignor.)
Smith, Joseph B., Cleveland, Ohio. Fishing rod tip protector. 2,183,414; Dec. 12.
Smith, Joseph N., Salem, assignor to Boston Woven Hose & Rubber Company, Cambridge, Mass. Rubber sealing ring. 2,142,590; Jan. 3.
Smith, Karl D. (See Bird, J. C., and Smith.)
Smith, Kenneth S., Wealdstone, Harrow, and E. V. Casburn, Hitchin, England, assignors to Eastman Kodak Company, Rochester, N. Y. Siphon apparatus. 2,184,025; Dec. 19.
Smith, L. C., & Corona Typewriters, Inc. (See Bradt, Charles H., assignor.)
Smith, L. C., & Corona Typewriters, Inc. (See Carpenter, J. H., and Gabrielson, assignors.)
Smith, L. C., & Corona Typewriters, Inc. (See Vrtel, Joseph, assignor.)
Smith, L Julian, Long Beach, Calif. Rug Croquet wicket. 2,162,867; June 20.
Smith, Labanna J. (See McDowell, C. A., and Smith.)
Smith, Landon P. (See Wyman, Guy C., assignor.)
Smith, Landon P., Inc. (See Jorgenson, Arthur P., assignor.)
Smith, Lawrence C., Kenmore, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Refrigeration apparatus. 2,154,874; Apr. 18.
Smith, Lawrence C., Kenmore, assignor to Fedders Manufacturing Company, Inc., Buffalo, N. Y. Water cooler. 2,183,509; Dec. 12.
Smith, Lendal R., San Jose, Calif. Lavatory. 2,145,435; Jan. 31.
Smith, Leonard C., Bakersfield, Calif. Safety latch. 2,153,102; Apr. 4.
Smith, Leonard C., East Chicago, Ind. Building block and assembly thereof. 2,157,992; May 9.
Smith, Leonard C., assignor to Heating Ventilating & Air Conditioning Co. Inc., New York, N. Y. Air conditioning apparatus. 2,150,993; Mar. 21.
Smith, Lester C., West Hartford, assignor to The Spencer Turbine Company, Hartford, Conn. Dust separator and collector. 2,182,165; Dec. 5.
Smith, Lewis, Pelham, assignor to H. G. Schaefer, New York, N. Y. Heating system. 2,174,333; Sept. 26.
Smith, Lewis E., Auburn, N. Y., assignor to International Harvester Company. Disk harrow construction. 2,178,052; Oct. 31.
Smith, Lewis F., New Haven, Conn. Game board. 2,150,850; Mar. 14.
Smith, Louis G., and W. A. Bertrand, Brockton, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Welt shoe and making the same. 2,168,498; Aug. 8.
Smith, Lewis R. (See Labberton, J. M., and Smith.)
Smith, Lewis R., Jackson, Mich, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooling apparatus. 2,147,678; Feb. 21.
Smith, Lewis R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,185,039; Dec. 26.
Smith, Lindsley, Southport, Conn. Adjustable mounting device. 2,175,576; Oct. 10.
Smith, Lloyd E. (See Claborn, H. V., and Smith.)
Smith, Louis R., assignor of twenty per cent to B. O. Larsen, twenty per cent to C. A. Larsen, and thirty per cent to G. V. Smith, San Diego, Calif. Vehicle lock. 2,181,822; Nov. 28.
Smith, Lowel, Dixon, Ill. Centering device. 2,179,602; Nov. 14.
Smith, Loyd A., Lexington, N. C., assignor to West Point Manufacturing Company, West Point, Ala. Tufting mechanism for sewing machines. 2,180,073; Nov. 14.
Smith, Lucian B. (See McKinley, C. W., Smith, and Dinsmore.)
Smith, Lucian B. (See Waller, D. D., Smith, Randolph, and Helgeby.)
Smith, Lucian B., Flint, assignor to General Motors Corporation, Detroit, Mich. Radiator pressure cap. 2,164,478; July 4.
Smith, Lybrand P., U. S. Navy. Multitorsion meter. 2,176,935; Oct. 24.

Smith, Lynwood H., Kansas City, Mo., and C. F. Schnabel, Kansas City, Kans.; said Schnabel assignor to said Smith. Fodder and making the same. 2,143,835; Jan. 10.
Smith, Mace A., Portland, Oreg. Valve seat for faucets. 2,172,073; Sept. 5.
Smith, Malcolm A., Haggerstown, Ind. Cotter pin. 2,169,191; Aug. 8.
Smith, Marlin E. (See Densmore, Samuel P., assignor.)
Smith, Marshall A., Jr., assignor to Bendix Products Corporation, South Bend, Ind. Fan blast transformer. 2,144,035; Jan. 17.
Smith, Merton J., Cleveland, assignor of thirty per cent to P. B. Shannon, Lakewood, twenty per cent to J. P. Geiger, Cleveland, and twenty per cent to R. W. Wilson, Rocky River, Ohio. Liquid feed apparatus. 2,183,875; Dec. 19.
Smith, Milford F., et al. (See Losure, Lisander, assignor.)
Smith, Neil V., and C. W. Stoll, assignors to Smith-Johnson Corporation, Los Angeles, Calif. Grease gun. 2,178,004; Oct. 31.
Smith, Nelson J., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,151,995; Mar. 28.
Smith, Nelson J., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,175,946; Oct. 10.
Smith, Newell R., Bloomfield, N. J., assignor to Radio Corporation of America. Mount for electron discharge devices. 2,151,811; Mar. 28.
Smith, Newell R., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electrode support. 2,164,547; July 4.
Smith, Newell R., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Cathode. 2,175,708; Oct. 10.
Smith, O. L. (See Ingildsen, Sven, assignor.)
Smith Oil & Refining Company. (See Smith, Omer S., assignor.)
Smith, Omer S., assignor to Smith Oil & Refining Company, Rockford, Ill. Foundry core and binder therefor. 2,146,918; Feb. 14.
Smith, Oris J. (See Sholes, J. G., and Smith.)
Smith, Orrian A., Los Angeles, Calif. Protective shield for furniture. 2,174,046; Sept. 26.
Smith, Oscar L. (See Smith, Emmett, R., O. L., and Redd.)
Smith, Othello M., Kansas City, Mo. Machine for laying out and marking ophthalmic lenses. 2,146,599; Feb. 7.
Smith, Paul D., Beloit, Wis. Direction signal device for automobiles. 2,169,906; Aug. 15.
Smith, Paul H., Brockton, Mass. Nail clipper. 2,179,435; Nov. 7.
Smith, Percy L., Beaumont, Tex., V. L. Shipp, New York, and A. H. Boenau, Long Island City, assignors to Socony-Vacuum Oil Company, Incorporated, New York, N. Y. Asphaltic product and producing same. 2,144,694; Jan. 24.
Smith, Percy R., Prineville, Oreg. Vehicle door latch. 2,147,358; Feb. 14.
Smith, Percival C. (See Blake, G. C., and Smith.)
Smith-Pert, George J. (See Forsyth, A. G., and Smith-Pert.)
Smith, Philip A., Hamden, Conn., assignor, by mesne assignments, to Western Cartridge Company. Apparatus for heating tubular members. 2,182,364; Dec. 5.
Smith, Philip S., Camden, N. J. Method and apparatus for photographic image production. 2,176,108; Oct. 17.
Smith, Philip T., East Orange, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electrode support. 2,164,477; July 4.
Smith, Phillip H. (See Cushman, R. A., Smith, and Specht.)
Smith, Ralph E., assignor to The Galion Metallic Vault Company, Galion, Ohio. Split drive dual control. 2,166,270; July 18.
Smith, Ralph E., Muskegon Heights, assignor to Manning, Maxwell & Moore, Inc., Muskegon, Mich. Electric hoist. 2,175,037; Oct. 3.
Smith, Ralph R., Cleveland, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Electrical apparatus. 2,181,497; Nov. 28.
Smith, Ralph W., Walton, N. Y. Ground detector. 2,179,901; Nov. 14.
Smith, Ray L., Cheyenne, Wyo. Container closure. 2,172,644; Sept. 12.
Smith, Raymond D., Pleasantville, N. Y., assignor to Tremont Products Corporation, Boston, Mass. Spring motor speed control. 2,161,207; June 6.
Smith, Raymond E., assignor to Globe-Union Inc., Milwaukee, Wis. Shaft extension and coupling therefor. 2,183,824; Dec. 19.
Smith, Reginald, et al. (See Eastin, Rollie R., assignor.)
Smith, Reginald H., St. Albans, N. Y. Heat-insulating roof. 2,164,790; July 4.
Smith, Richard G., Amsterdam, N. Y. Automatic loader. 2,149,710; Mar. 7.
Smith, Robert A., Mahwah, N. J. Shovel. 2,183,976; Dec. 19.
Smith, Robert B., assignor to Frank G. North, Inc., Atlanta, Ga. Conditioning-yarn bobbin. 2,171,409; Aug. 29.
Smith, Robert E., and K. T. Molin, assignors to Defender Photo Supply Company, Incorporated, Rochester, N. Y. Manufacturing continuous coated sheets of paper, film, or the like. 2,168,051; Aug. 1.
Smith, Robert F., assignor to L. A. Young, Detroit, Mich. Golf ball. 2,181,350; Nov. 28.
Smith, Robert G., West Orange, N. J. Tool for refacing valve seats. 2,168,753; Aug. 8.
Smith, Robert H., Milwaukee, Wis. Heating system. 2,166,509; July 18.
Smith, Robert T., Baltimore, Md., assignor to Sherwood Brothers, Inc. Oil burner suction draft control. 2,156,359; May 2.
Smith, Robert W., Flint, assignor to General Motors Corporation, Detroit, Mich. Temperature responsive resistor. 2,181,981; Dec. 5.
Smith, Robert W., Columbus, Ga. Insulated duct construction. 2,183,174; Dec. 12.
Smith, Roger. (See Cashion, M. L., and Smith.)
Smith, Roger. (See Mueller, R. A., and Smith.)
Smith, Roger, and R. A. Mueller, assignors to Gray Tool Company, Houston, Tex. Oil well completion apparatus. 2,148,327; Feb. 21.
Smith, Rogers M., Merchantville, N. J., assignor to Radio Corporation of America. Antenna system for motor vehicles. 2,161,435; June 6.
Smith, Roland L., Belmont, Mass. Storage battery level indicator. 2,148,657; Feb. 28.
Smith, Rolf M., assignor to General Motors Corporation, Dayton, Ohio. Rotary compressor for refrigerating apparatus. 2,159,936; May 23.
Smith, Rolf M., assignor to General Motors Corporation, Dayton, Ohio. Electrical lead-in bushing. 2,169,967; Aug. 15.
Smith, Rolf M., Cincinnati, assignor to General Motors Corporation, Dayton, Ohio. Motor-compressor unit for refrigerating apparatus. 2,174,536; Oct. 3.
Smith, Rowland D., assignor to Corning Glass Works, Corning, N. Y. Coating glass with metal. 2,162,980; June 20.
Smith, Rowland P., Stamford, and J. Belding, Old Greenwich, Conn., assignors to Chemical Construction Corporation, New York, N. Y. Regeneration of waste ferrous sulphate liquor. 2,185,095; Dec. 26.
Smith, Roy W., Newark, Ohio. Cold storage locker room. 2,165,513; July 11.
Smith, Russell R., H. E. Miller, and R. H. Gelder, Ashland, Ky., assignors to The American Rolling Mill Company, Middletown, Ohio. Treatment of sheets, thin bars, and the like. 2,175,620; Oct. 10.
Smith, Russell F., Providence, R. I. Pocket strip manuscript manipulating device. 2,175,926; Oct. 10.
Smith, S. Morgan, Company. (See Bischoff, Robert, assignor.)
Smith, S. Morgan, Company. (See Brisbane, Eugene C., assignor.)
Smith, S. Morgan, Company. (See Déglon, Henry, assignor.)
Smith, S. Morgan, Company. (See Litsinger, George K., assignor.)
Smith, S. Morgan, Company. (See Whisler, Grant C., assignor.)
Smith, S., & Sons (Motor Accessories) Limited. (See Meredith, F. W., and Barnes, assignors.)
Smith, Sam R., South Bend, Ind. Coasting device. 2,170,978; Aug. 29.
Smith, Samuel, Toronto, Ontario, Canada. Water softening apparatus. 2,176,549; Oct. 17.
Smith, Samuel B. (See Misterly, F. S., and Smith.)
Smith, Samuel H., Rocky River, Ohio. Egg turning mechanism for incubators. 2,170,789; Aug. 22.
Smith, Samuel H., Olmsted Township, Cuyahoga County, Ohio. Method of and apparatus for making color cards. 2,183,797; Dec. 19.
Smith Separator Corporation. (See McKeever, Roy S., assignor.)
Smith, Sidney B., Chelmsford, England, assignor to Radio Corporation of America. Wave generator. 2,143,093; Jan. 10.
Smith, Sidney B., Chelmsford, England, assignor to Radio Corporation of America. Direction finding aerial system. 2,160,093; May 30.
Smith, Sidney B., and E. Green, Chelmsford, England, assignors to Radio Corporation of America. Radio direction finder. 2,153,975; Apr. 11.
Smith, Sidney L., Pittsburgh, Pa. Mop assembly. 2,161,725; June 6.
Smith, Sidney R., Jr., Lenox, Mass., assignor to General Electric Company. Fuse. 2,143,037; Jan. 10.
Smith, Sidney R., Jr., Lenox, Mass., assignor to General Electric Company. Fuse. 2,143,038; Jan. 10.
Smith, Sidney R., Lenox, Mass., assignor to General Electric Company. Fuse. 2,172,226; Sept. 5.
Smith, Sidney R., Jr., Pittsfield, Mass., assignor to General Electric Company. Fuse support. 2,170,698; Aug. 22.
Smith, Stanley G., assignor to The Murray Corporation of America, Detroit, Mich. Ring forming mechanism. 2,145,461; Jan. 31.
Smith, Stanton M., Jr., Orange, assignor to Metal Textile Corporation, West Orange, N. J. Absorbent and abrasive fabric. 2,156,549; May 2.
Smith, Stuyvesant C., assignor to Bendix Products Corporation, South Bend, Ind. Carburetor. 2,156,129; Apr. 25.

Smith, Swan, White Bear, assignor to D. C. Shepard, St. Paul, Minn. Machine for forming flanged end walls for containers. 2,151,169; Mar. 21.
Smith, Swan, White Bear, assignor to D. C. Shepard, St. Paul, Minn. Machine for making laminated containers. 2,154,825; Apr. 18.
Smith, T. L., Company, The. (See Hoya, Roy M., assignor.)
Smith, T. L., Company. (See Rybeck, Adolph W., assignor.)
Smith, Temple C. (See Freeman, A. E., and Smith.)
Smith, Theodore L., Concord, Mass. Rod case. 2,143,720; Jan. 10.
Smith, Theodore L., Concord, assignor to Gillette Safety Razor Company, Boston, Mass. Dry shaving implement. 2,177,791; Oct. 31.
Smith, Thomas R., assignor to The Maytag Company, Newton, Iowa. Combustion engine. 2,172,147; Sept. 5.
Smith, Turner C. (See Howard, W. A., and Smith.)
Smith, Varvara P., administratrix. (See Pupin, Michael I.)
Smith, Vincent W. (See Brinckerhoff, J. E., Kohler, Reed, and Smith.)
Smith, Vincent W. (See Reed, C. S., and Smith.)
Smith, Vincent W. (See Reed, C. S., Smith, Brinckerhoff, and Kohler.)
Smith, Vincent W., and H. M. Wolf, Muncie, Ind., assignors to The Broderick Company. Firebox superheater. 2,184,626; Dec. 26.
Smith, Wallace D., Kalamazoo, Mich. Massage instrument. 2,176,366; Oct. 17.
Smith, Wallace E., Seattle, Wash. Releasable sinker having weight changing means. 2,177,007; Oct. 24.
Smith, Wallace W., Chicago, Ill. Adjustable eraser attachment. 2,164,433; July 4.
Smith, Walter D., Kansas City, Kans. Adjustable book support. 2,173,379; Sept. 19.
Smith, Walter D., Portland, Oreg., assignor to L. Hamlin. Cocktail shaker. 2,181,612; Nov. 28.
Smith, Walter E. (See Woods, W. P., and Smith.)
Smith, Walter E., Honolulu, Hawaii. Heat treatment of massecuite in mixer spouts. 2,172,040; Sept. 5.
Smith, Walter E., Honolulu, Hawaii. Operating a centrifugal separator. 2,179,436; Nov. 7.
Smith, Walter F. (See Jones, M., Smith, and Stewart.)
Smith, Walter F., Blackley, Manchester, England, assignor to Imperial Chemical Industries Limited. Coloring rubber. 2,152,218; Mar. 28.
Smith, Walter G. L., Los Angeles, Calif. Reinforced hose and constructing the same. 2,151,307; Mar. 21.
Smith, Walter N., Cleveland, Ohio, and W. H. Sanders, Washington, D. C. Device for indicating the stopping point of a vehicle. 2,158,310; May 16.
Smith, Ward L., Bedford, assignor to The Electric Controller & Manufacturing Company, Cleveland, Ohio. Magnetic switch device. 2,165,514; July 11.
Smith Welding Equipment Corporation. (See Smith, Elmer H., assignor.)
Smith & Wesson, Inc. (See Wesson, Douglas B., assignor.)
Smith and Wesson, Inc. (See Wesson, Harold, assignor.)
Smith, Wesson W., Plainville, Kans. Casing pick-up elevator. 2,164,843; July 4.
Smith, Wiley C. (See Palkin, S., and Smith.)
Smith, Wiley J., Bedford, Ind. Windshield cleaning device. 2,178,005; Oct. 31.
Smith, Will O. and E. E., Pittsburgh, Pa. Dental cleaning compact. 2,168,689; Aug. 8.
Smith, Willard B., Vancouver, British Columbia, Canada. Bottle cap or closure. 2,162,182; June 13.
Smith, William A., Sr., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Clutch mechanism. 2,142,529; Jan. 3.
Smith, William A., Sr., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Rock drill. 2,162,036; June 13.
Smith, William A., Sr., Athens, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Steel retainer. 2,182,365; Dec. 5.
Smith, William A., Lyndonville, N. Y. Apparatus for making fruit products. 2,151,623; Mar. 21.
Smith, William A., Akron, assignor to The Ohio Brass Company, Mansfield, Ohio. Insulator. 2,155,846; Apr. 25.
Smith, William A., Jr., assignor to The Cleveland Rock Drill Company, Cleveland, Ohio. Valve for rock drills. 2,169,887; Aug. 15.
Smith, William A., Jr., assignor to The Buckeye Portable Tool Company, Dayton, Ohio. Pneumatic tool. 2,177,158; Oct. 24.
Smith, William A. D., Hampstead, London, and N. H. Webb, Hendon, London, England. Heating and ventilating device. 2,149,689; Mar. 7.
Smith, William B., Washington, D. C. Priming device 2,169,541; Aug. 15.
Smith, William C. (See Poinan, Frank J., assignor.)
Smith, William E., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Welding machine. 2,162,868; June 20.
Smith, William E., Detroit, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio. Grommet. 2,167,285; July 25.
Smith, William F., Brooklyn, N. Y. Bearing. 2,149,983; Mar. 7.
Smith, William F., Brooklyn, N. Y. Flexible coupling. 2,182,455; Dec. 5.
Smith, William F., Bridgeport, Conn. Shade roller fixture. 2,172,459; Sept. 12.
Smith, William F., Knoxville, Tenn. Resilient closure for containers. 2,176,513; Oct. 17.
Smith, William G. (See Bumpas, O. V., and Smith.)
Smith, William H., et al. (See Smith, John N., assignor.)
Smith, William H., East Molesey, England. Conveyer. 2,180,074; Nov. 14.
Smith, William J., and W. W. Slaght, Rocky River, assignors to Cleveland Steel Products Corporation, Cleveland, Ohio. Oil burning apparatus. 2,161,436; June 6.
Smith, William J., Delaware City, Del. Foot control. 2,162,183; June 13.
Smith, William J., Delaware City, Del. Accelerator and brake control. 2,176,280; Oct. 17.
Smith, William J., Delaware City, Del. Brake and accelerator control. 2,176,550; Oct. 17.
Smith, William L., Jr. (See Lawson, R. H., and Smith.)
Smith, William M. (See Parks, P. B., and Smith.)
Smith, William P., London, England. Compositions for fluid transmission of power. 2,156,130; Apr. 25.
Smith, William P., London, England. Compositions for fluid transmission of power. 2,160,095; May 30.
Smith, William W., Buffalo, N. Y. Electric heating pad. 2,162,287; June 13.
Smith, William W., Daisetta, assignor of one-half to G. P. Verett, Liberty County, Tex. Casing packer. 2,177,601; Oct. 24.
Smithe, F. L., Machine Co. (See Novick, Abraham, assignor.)
Smithe, F. L., Machine Co. (See Novick, Daniel, assignor.)
Smithells, Colin J., Rugby, assignor to The General Electric Company Limited, London, England. Manufacture of heavy metallic material. 2,183,359; Dec. 12.
Smithers, Vernon L. (See Hicks, De W. T., and Smithers.)
Smith's, John E., Sons, Company. (See Van Hooydonk, Adrian C., assignor.)
Smitmans, John A., assignor to United Engineering and Foundry Company, Pittsburgh, Pa. Sleeve-type rolling bearing. 2,161,768; June 6.
Smitmans, John A., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Water-lubricated bearing. 2,170,667; Aug. 22.
Smitt, Henry A., Fort Lewis, Wash. Power transmission mechanism. 2,157,465; May 9.
Smoker, Max, New Paris, Ind. Walking skate shoe. 2,147,933; Feb. 21.
Smolarek, Zenon M., Mount Pleasant, Wis. Skate sharpener. 2,181,923; Dec. 5.
Smoley, Eugene R., assignor to The Lummus Company, New York, N. Y. Solvent extraction and recovery. 2,167,730; Aug. 1.
Smolowitz, Harry, Denver, Colo. Window shade. 2,179,763; Nov. 14.
Smoot, Charles H., deceased, by K. E. Smoot, executrix, Maplewood, N. J., assignor to said Katherine E. Smoot. Regulator. 2,164,548; July 4.
Smoot, Katherine E., executrix. (See Smoot, Charles H.)
Smoot, Theophilus H., Baltimore, Md. Oil burner. 2,156,405; May 2.
Smuczynski, John J. (See Barker, P. P., and Smuczynski.)
Smull, Judson G., Bethlehem, Pa., assignor, by mesne assignments, to Stacom Process Corporation, Long Island City, N. Y. Recovery of lignin from natural cellulose compounds. 2,167,556; July 25.
Smulski, Theodore J., assignor, by mesne assignments, to The Anderson Company, Gary, Ind. Windshield wiper. 2,147,113; Feb. 14.
Smutny, Theodore J., assignor to Collegiate Manufacturing Co., Inc., New York, N. Y. Lady's undergarment. 2,150,108; Mar. 7.
Smyers, Norman B., Brea, Calif. Machine handle. 2,156,200; Apr. 25.
Smyers, William H. (See Leber, E., and Smyers.)
Smyers, William H. (See Schneider, H. G., and Smyers.)
Smyers, William H., Westfield, N. J., assignor to Standard Oil Development Company. Manufacture of acetylene. 2,165,820; July 11.
Smyth, Leonard C. (See McKeown, Henry F., assignor.)
Smyth Manufacturing Company, The. (See Davis, Robert A., assignor.)
Smyth Manufacturing Company, The. (See Schramm, Carl, assignor.)
Smyth, Paul H., Jr., Evanston, assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonograph. 2,159,832; May 23.
Smyth, Paul H., Jr., Evanston, assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonograph. 2,159,833; May 23.
Smyth, Paul H., Jr., Evanston, assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonograph. 2,159,834; May 23.
Smyth, William R. (See Feerick, J., and Smyth.)
Smythe, Edwin H., Evanston, Ill. Reference card and mounting therefor. 2,184,853; Dec. 26.
Smythe, Ethelbert H., Detroit, Mich. Eyeglass mounting. 2,162,900; June 20.

Smythe, Robert L., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Repeating cut-out constructions. 2,155,959; Apr. 25.
Snadecki, William J. (See Crane, R., and Snadecki.)
Snader, Howard B., Temple, assignor to Vanity Fair Silk Mills, Reading, Pa. Elastic strain absorber with lace stitch. 2,157,464; May 9.
Snader, Ira J., Detroit, Mich., assignor to Ex-Cell-O Corporation. Piston turning machine. 2,146,774; Feb. 14.
Snader, Ira J., and J. F. Hoffer, assignors to Ex-Cell-O Corporation, Detroit, Mich. Hydraulic motor. 2,177,008; Oct. 24.
Snapp, Martha A., assignor of one-half to R. E. Peppler, Fort Wayne, Ind. Calf weaner. 2,163,330; June 20.
Snavely, Clarence S., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote controlling apparatus. 2,152,390; Mar. 28.
Snavely, Clarence S., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Electrical relay. 2,178,289; Oct. 31.
Snavely, Clarence S., Swissvale, A. B. Miller, Edgewood, and A. P. Jackel, assignors to The Union Switch & Signal Company, Swissvale, Pa. Remote control system. 2,183,155; Dec. 12.
Snavely, Earl R., Riverview, R. I., assignor to E. L. Snavely, Newark, N. J. Thermal fluid mixing valve. 2,155,154; Apr. 18.
Snavely, Evelyn L. (See Snavely, Earl R., assignor.)
Snediker, Morton O., assignor to The Powers Regulator Company, Chicago, Ill. Velocity control damper. 2,157,025; May 2.
Snediker, Morton O., assignor to The Powers Regulator Company, Chicago, Ill. Thermostatic water mixer. 2,159,819; May 23.
Snediker, Morton O., assignor to The Powers Regulator Company, Chicago, Ill. Hygrothermostat. 2,164,434; July 4.
Sneed, John, Grosse Pointe Shores, Mich., assignor to The Midland Steel Products Company, Cleveland, Ohio, trustee for Steeldraulic Brake Corporation. Brake. 2,157,272; May 9.
Snell, Maurice S. (See Hartley, G. C., and Snell.)
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Making juvenile vehicle bodies. 2,145,896; Feb. 7.
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Velocipede structure. 2,157,971; May 9.
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Velocipede structure. 2,157,972; May 9.
Snell, Samuel A., Toledo, Ohio, assignor, by mesne assignments to The Logan Gear Company. Mechanism control. 2,162,593; June 13.
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Velocipede structure. 2,162,762; June 20.
Snell, Samuel A., Toledo, Ohio, assignor, by mesne assignments, to The Logan Gear Company. Mechanism control. 2,169,888; Aug. 15.
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Automobile running gear. 2,172,811; Sept. 12.
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Velocipede handle bar structure. 2,176,692; Oct. 17.
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Velocipede handle bar structure. 2,176,693; Oct. 17.
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Velocipede structure. 2,178,707; Nov. 7.
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Velocipede structure. 2,178,708; Nov. 7.
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Velocipede structure. 2,178,709; Nov. 7.
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Handlebar structure. 2,180,617; Nov. 21.
Snelling, Henry H., et al. (See Read, David Y., assignor.)
Snelling, Nicholas, Jackson Heights, Long Island, N. Y. Flexed-back merchandise display. 2,159,679; May 23.
Snelling, Nicholas, Jackson Heights, Long Island, N. Y. Device for supporting and displaying merchandise. 2,159,823; May 23.
Snelling, Robert J., Rochester, assignor to Impervious Varnish Company, Pittsburgh, Pa. Applying coatings to rubber, balata, and like articles, and articles produced thereby. 2,153,525; Apr. 4.
"Snia-Viscosa" Società Nazionale Industria Applicazioni Viscosa. (See Donagemma and Donagemma, assignors.)
Snider, Asa B., Portland, Oreg. Ocean wave dynamo. 2,156,550; May 2.
Snider, Chester A., Huntington, assignor of one-half to J. S. Redditt, Lufkin, Tex. Brake. 2,164,844; July 4.
Snider, Harry B., Lansing, Mich. Traffic control figure. 2,145,322; Jan. 31.
Snipes, Willie E., Sr., Charleston, S. C. Refrigerator. 2,156,201; Apr. 25.
Snodgrass, John A., Prescott, Ark. Fountain pen. 2,149,557; Mar. 7.
Snodgrass, Leslie E., Pontiac, Mich. Mask. 2,180,216; Nov. 14.
Snoek, Gustav. (See Jacobowitz, Simon, assignor.)
Snoek, Jacob L. (See Holst, G., Six, Snoek, and Burgers.)
Snoek, Jacob L., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherland. Magnetic material. 2,172,626; Sept. 12.
Snook, Homer C., Summit, N. J. Microscopy. 2,153,010; Apr. 4.
Snow, Barton S., Wheaton, assignor to T. W. Snow Construction Company, Chicago, Ill. Coaling station. 2,180,913; Nov. 21.
Snow, Carl W. (See Heller, G. L., and Snow.)
Snow, Frederick O., Jr., Maplewood, assignor to Robins Conveying Belt Company, Passaic, N. J. Rail clamping mechanism. 2,172,627; Sept. 12.
Snow, Harold A., Boonton, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Cathode ray tube. 2,148,588; Feb. 28.
Snow, Herbert C., et al. (See Dooley, Delmar D., assignor.)
Snow, Herbert C., Auburn, Ind., assignor of one-fourth to C. H. Dooley, Rock Island, Ill., one-fourth to H. K. Dooley, Los Angeles, Calif., and one-fourth to D. D. Dooley, Rock Island, Ill. Transmission. 2,177,952; Oct. 31.
Snow, Robert D. (See Frey, F. E., and Snow.)
Snow, Robert D., Bartlesville, Okla., assignor to Philips Petroleum Company. Treatment of hydrocarbons. 2,163,858; June 27.
Snow, Ross C., New York, N. Y. Cabinet syringe. 2,170,281; Aug. 22.
Snow, T. W., Construction Company. (See Snow, Barton S., assignor.)
Snowdon, Arthur B. (See Platt, H., and Snowdon.)
Snug-Fit Foundations, Inc. (See Finkelstein, Abraham L., assignor.)
Snyder, Almond H., Lancaster, N. Y., assignor to National Battery Company, St. Paul, Minn. Outside plate for storage battery cells. 2,151,667; Mar. 21.
Snyder, Arline S., Plainfield, N. J. Electric iron cord control. 2,172,297; Sept. 5.
Snyder, Augustus K., Annapolis, Md. Knee brace. 2,144,641; Jan. 24.
Snyder, Aulden D., assignor to one-third to W. J. Wesseler, Cleveland, Ohio. Rotary valve and internal combustion engine construction and lubrication. 2,154,782; Apr. 18.
Snyder & Black, Incorporated. (See Viscount, Joseph L.)
Snyder, Charles F., Pittsburgh, Pa. Tread for pneumatic tires. 2,154,290; Apr. 11.
Snyder, Clifford H., Dormont, and A. W. Ferguson, Bellevue, Pa; said Ferguson assignor to said Snyder. Stoker. 2,166,080; July 11.
Snyder, Clyde A., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Dust collecting apparatus. 2,143,664; Jan. 10.
Snyder, Donald A., Neenah, and R. T. Hill, Menasha, assignors to Marathon Paper Mills Company, Rothschild, Wis. Carton. 2,181,837; Nov. 28.
Snyder, Eugene L., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,175,004; Oct. 3.
Snyder, Eugene L., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,184,446; Dec. 26.
Snyder, Floyd C., and G. C. Brown, Massillon, assignors to Akron Automatic Machine Company, Akron, Ohio. Riveting machine. 2,156,167; Apr. 25.
Snyder, Francis H., and H. W. Rimbach, New York, N. Y., assignors to Technico, Inc. Toning photographic prints. 2,171,609; Sept. 5.
Snyder, Franklin L., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating system. 2,169,033; Aug. 8.
Snyder, Frederick T., Brookline, Mass. Making calcium carbide. 2,174,900; Oct. 3.
Snyder, Frederick T., Brookline, assignor to Fuel Research Development Corporation, Boston, Mass. Fuel-feeding apparatus. 2,166,850; July 18.
Snyder, George, and G. S. Lawson, assignors to General Motors Corporation, Detroit, Mich. Instrument cluster cabinet. 2,165,660; July 11.
Snyder, George A., West Hollywood, Calif. Blood pressure testing machine. 2,149,690; Mar. 7.
Snyder, George R. (See Huntzinger, P. J., and Snyder.)
Snyder, Gilbert, assignor to Mastic Asphalt Corporation, South Bend, Ind. Building covering member. 2,164,725; July 4.
Snyder, Gilbert J., South Bend, Ind., assignor to United States Gypsum Company, Chicago, Ill. Looper apparatus. 2,170,392; Aug. 22.
Snyder, Harold H., assignor to Corning Glass Works, Corning, N. Y. Glass working machine. 2,184,900; Dec. 26.
Snyder, John E., Lansing, Mich. Pipe coupling. 2,162,184; June 13.
Snyder, Leonard L., South Gate, Calif., assignor to Elliott Core Drilling Company. Fluid operated latching means for inner drill assemblies. 2,153,815; Apr. 11.
Snyder, Mahlan C., Blasdell, N. Y. Spare fuel tank for trucks. 2,181,772; Nov. 28.

Snyder, Mills R., Norfolk, Va., assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for causing delayed operation of electroresponsive devices. 2,143,501; Jan. 10.
Snyder, Richard L. (See Farnsworth, P. T., and Snyder.)
Snyder, Richard L., Glasboro, N. J., assignor to Farnsworth Television Incorporated, San Francisco, Calif. Concentric multipactor. 2,147,934; Feb. 21.
Snyder, Richard L., Glassboro, N. J., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Box element multiplier. 2,163,966; June 27.
Snyder, Richard L., Glassboro, N. J., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Stabilized oscillating circuit. 2,168,052; Aug. 1.
Snyder, Richard L., Glassboro, N. J., assignor, by mesne assignments to Radio Corporation, Dover, Del. Farnsworth Television & Electron multiplier tube. 2,172,155; Sept. 5.
Snyder, Sol, Far Rockaway, N. Y. Method and composition for the treatment of hay fever and other air-borne infections. 2,144,395; Jan. 17.
Snyder, Victor C., assignor to The French Renovating Company, Cleveland, Ohio. Cushion scrubbing machine. 2,156,881; May 2.
Snyder, Wilbur A., Montoursville, Pa. Knee protector. 2,154,364; Apr. 11.
Snyder, William A., Los Angeles, Calif. Folding ironing board. 2,175,734; Oct. 10.
Sobczak, Walter, and G. Thal, Berlin, Germany, assignors to General Electric Company. Electric lamp. 2,165,987; July 11.
Sobel, David, Brooklyn, N. Y. Tie. 2,153,348; Apr. 4.
Soby, Archer M. (See Kelley, George W., Jr., assignor.)
Soc. An. Rolla Traverso & Storace. (See Borsetti, Ermanno, assignor.)
Sochor, Hans, Zurich-Hongg, Switzerland. Insert for boots and shoes. 2,157,026; May 2.
Sochor, Zdeněk, and A. Kvasnicka, Dvur Kralove n. L., Czechoslovakia, and S. Morch, Rydboholm, Sweden; said Morch and said Kvasnička assignors to said Sochor. Ager for treating printed and like fabrics. 2,161,726; June 6.
Sochor, Zdeněk, Dvur Kralove n. L., Czechoslovakia. Weft feeler mechanism for looms. 2,161,727; June 6.
Societa Italiana Brevetti Invenzioni. (See Galloni, G., and Poggi, assignors.)
Societa Italiana Sfruttamento Brevetti Elettromeccanici. (See Torriani, Luigi, assignor.)
Societe Air Equipment Billancourt. (See Waseige, Charles R., assignor.)
Societe Anonyme Adolphe Saurer. (See Wiget, Georg, assignor.)
Societe Anonyme Air Equipment. (See Waseige, Charles R., assignor.)
Société Anonyme "Ateliers Robatel & Buffaud", et al. (See Argant, H., Chanay, and Robatel, assignors.)
Société Anonyme "Compagnie Nationale de Matières Colorantes et Manufactures de Produits Chimiques du Nord réunies, Etablissements Kuhlmann," et al. (See Argant, H., Chanay, and Robatel, assignors.)
Societe Anonyme des Anciens Etablissements Braunstein Freres. (See Braunstein, Roger, assignor.)
Societe Anonyme des Anciens Etablissements Hotchkiss & Cie. (See Boussel, André, assignor.)
Societe Anonyme des Anciens Etablissements L. Chambon. (See Chambon, Henri, assignor.)
Société Anonyme d'Escaut & Meuse. (See Landrieu, Max, assignor.)
Societe Anonyme des Etablissements A. Olier. (See Olier, André, assignor.)
Société Anonyme des Etablissements Cuttat. (See Nilsson, Robert S., assignor.)
Societe Anonyme des Freins Bendix. (See Peyruqueou, Pierre F., assignor.)
Société Anonyme des Hauts Fourneaux de la Chiers. (See Blagé, Marcel, assignor.)
Societe Anonyme des Hauts Fourneaux de la Chiers. (See Perrey, Marcel A. L., assignor.)
Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey. (See Boudin, Louis, assignor.)
Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey. (See Do Huu Chan, André, assignor.)
Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey. (See Lambert, Roger, assignor.)
Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey. (See Long, Bernard, assignor.)
Societe Anonyme des Manufacturers des Glaces & Produits Chimiques de Saint-Gobain, Chauney & Cirey. (See Monnet, Georges, assignor.)
Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey. (See Verlay, Achille, assignor.)
Société Anonyme d'Etudes des Brevets et Procédés Coanda-Société Coanda. (See Coanda, Henri, assignor.)
Societe Anonyme dite Etablissements Laffly. (See Guérard, Georges, assignor.)
Societe Anonyme Etablissements Ed. Jaeger. (See Rodanet, Charles H. H., assignor.)
Societe Anonyme: Etablissements Ed-Jaeger. (See Rodanet, Charles H., assignor.)
Société Anonyme Etablissements Lambiotte Frères. (See Coutor, Charles J. L., assignor.)
Societe Anonyme Francaise du Ferodo. (See Bertrand, Lucien, assignor.)
Societe Anonyme: La Parvi Hydraulique. (See Brice, Louis P., assignor.)
Société Anonyme le Carbone. (See Portail, Fernand C. F., assignor.)
Société Anonyme pour les Applications de l'Electricité et des Gaz Rares Etablissements Claude-Paz & Silva. (See Bethenod, Joseph, assignor.)
Société Anonyme pour les Applications de l'Electricité et des Gaz Rares, Etablissements Claude-Paz et Silva. (See Bethenod, J., and Kayser, assignors.)
Société Anonyme pour les Applications de l'Electricite et des Gaz Rares, Etablissements Claude-Paz & Silva. (See Bthenod, Joseph, assignor.)
Société Anonyme pour les Applications de l'Electricité et des Gaz Rares, Etablissements Claude-Paz & Silva. (See Lecorguillier, Jean, assignor.)
Société Anonyme Solex. (See Mennesson, Marcel, assignor.)
"Société Anonyme Solex". (See Mennesson, Marcel, assignor.)
Société Anonyme Tissages de Soieries Reunis. (See Terrasse, Gustave J. J., assignor.)
Société Anonyme "Transformateurs de Mesure E. Walter". (See Libbe, Alfred, assignor.)
Société à Responsibilité Limitée: Luminograph. (See Zuckermann, A., and Renard, assignors.)
Société a Responsibilité Limitée Osmo. (See Auger, Adrien, assignor.)
Société Auxiliaire d'Etudes Electrochniques, et al. (See Tuot, Raymond A., assignor.)
Société Bronzavia. (See Kitroser, Isaac, assignor.)
Société Bronzavia. (See Malczewski, Jeremi, assignor.)
Société d'Electricité de Paris. (See Boudrant, Robert J. C., assignor.)
Société d'Electrochimiè, d'Electrométallurgie et des Aciéries Electriques d'Ugine. (See Lemoine, Robert P., assignor.)
Societe d'Electrochimie d'Electrometallurgie et des Acieries Electriques d'Ugine. (See Perrin, René, assignor.)
Societe de Paris & du Rhone. (See Gachon, Albert, assignor.)
Societe de Produits Chimiques des Terres Rares. (See Blumenfeld, Joseph, assignor.)
Société de Progrés Technique. (See Barényi, Béla V., assignor.)
Societe de Prospection Electrique, Procedes Schlumberger. (See Doll, Henri G., assignor.)
Societe de Prospection Electrique Procedes Schlumberger. (See Schlumberger, Conrad, assignor.)
Société des Procédés Serge Beaune. (See Beaune, Serge V., assignor.)
Societe des Usines Chimiques Rhone-Poulenc. (See Koetschet, Pierre, assignor.)
Société d' Etude pour l' Acide Carbonique. (See Roth, Roger E., assignor.)
Société d'Etudes des Véhicules "Sev". (See Schwander, Erwin F., assignor.)
Societe d'Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A. (See Pateras Pescara, Raul, assignor.)
Société d'Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A. (See Pateras Pescara, R., assignor.)
Societe d'Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A. (See Pateras Pescara, Raul, assignor.)
Societe d'Exploitation des Procedes Dabeg. (See Kirchhof, Julius, assignor.)
Societe D'Exploitation des Procedes Dabeg. (See Lindars, Herman, assignor.)
Société d'Inventions Aeronautiques et Mecaniques S. I. A. M. (See Lévy, René L., assignor.)
Société dite: La Bougie B. G. (See Philippe, Maurice G. E., assignor.)
Societe Dite: La Bougie B. G. (See Philippe, Maurice G. E., assignor.)
Société Etablissements Lambiotte Freres. (See Coutor, Charles, assignor.)
Société Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A. (See Pateras, Pescara, Raul, assignor.)
Societe Fonciere Industrielle et Commerciale. (See Bertoye, Louis, assignor.)
"Société Générale de Fours à Coke, Systèmes Lecocq" Société Anonyme. (See Gilles, Franz F. R. A., assignor.)
Societe Generale des Carburateurs Zenith. (See Gistucci, P. X. A., and Lichenstein, assignors.)
Societe Generale des Carburateurs Zenith. (See Gistucci, Paul X. A., assignor.)
Societe Generale des Carburateurs Zenith. (See Lichtenstein, Johan, assignor.)
Societe Generale des Carburateurs Zenith. (See Thieulin, Maurice C. P., assignor.)
Société Générale Metallurgique de Hoboken. (See Bercovici, Léon, assignor.)
Société Générale Métallurgique de Hoboken. (See Cuvelliez, Francois, assignor.)
Société Générale Metallurgique de Hoboken. (See Leemans, Joseph P., assignor.)

Societe Generals des Carburateurs Zenith. (See Lichtenstein, Johann, assignor.)
Société Genevoise d'Instruments de Physique. (See Turrettini, Fernand, assignor.)
Societe Industrielle d'Instruments de Precision. (See Momon, Louis, assignor.)
Societe Nobel Francaise. (See Gibello, Henri, assignor.)
Societe pour la Realisation et l'Exploitation d'Inventions Mecaniques "Reim". (See Aubert, Emile H., assignor.)
Société pour le Perfectionnement et l'Exploitation des Transmissions Mecaniques (Perfectrans). (See Suys, Ferdinand, assignor.)
Societe pour l'Etude & l'Exploitation des Matieres Luminescentes. (See Servigne, Marcel, assignor.)
"Société pour l'Union des Transports Ferroviaires et Routiers". (See Porte, Antoine P. R., assignor.)
Societe Provencale de Constructions Aeronautiques. (See Vaudet, Paul L., assignor.)
Societe "Rhodiaceta". (See Ehrenstein, Paul, assignor.)
Société Suisse d'Electricte et de Traction, et al. (See Tuot, Raymond A., assignor.)
Society of Chemical Industry in Basle. (See Albrecht, Otto, assignor.)
Society of Chemical Industry in Basle. (See Apotheker, C., Hartmann, and Merz, assignors.)
Society of Chemical Industry in Basle. (See Bonhôte, G., and Apotheker, assignors.)
Society of Chemical Industry in Basle. (See Bonhôte, G., and Johner, assignors.)
Society of Chemical Industry in Basle. (See Duer, Ernst, assignor.)
Society of Chemical Industry in Basle. (See Felix, F., Grossmann, and Bommer, assignors.)
Society of Chemical Industry in Basle. (See Felix, F., and Huber, assignors.)
Society of Chemical Industry in Basle. (See Felix, F., and Ruegg, assignors.)
Society of Chemical Industry in Basle. (See Felix, F., and von Capeller, assignors.)
Society of Chemical Industry in Basle. (See Felix, F., von Capeller, and Huber, assignors.)
Society of Chemical Industry in Basle. (See Fisch, Willi, assignor.)
Society of Chemical Industry in Basle. (See Graenacher, C., Ackermann, and Bruengger, assignors.)
Society of Chemical Industry in Basle. (See Graenacher, C., and Matter, assignors.)
Society of Chemical Industry in Basle. (See Graenacher, C., and Meyer, assignors.)
Society of Chemical Industry in Basle. (See Graehacher, C., and Sallmann, assignors.)
Society of Chemical Industry in Basle. (See Grenacher, C., Sallmann, and Johner, assignors.)
Society of Chemical Industry in Basle. (See Grossmann, P., and Bommer, assignors.)
Society of Chemical Industry in Basle. (See Gubler, H., and Bernasconi, assignors.)
Society of Chemical Industry in Basle. (See Hanhart, W., and Pieth, assignors.)
Society of Chemical Industry in Basle. (See Hartmann, M., Ensslin, and Panizzon, assignors.)
Society of Chemical Industry in Basle. (See Hartmann. M., and Wettstein, assignors.)
Society of Chemical Industry in Basle. (See Huber, Wilhelm, assignor.)
Society of Chemical Industry in Basle. (See Kaiser, Otto, assignor.)
Society of Chemical Industry in Basle. (See Kambli, Eduard, assignor.)
Society of Chemical Industry in Basle. (See Kern, Walter, assignor.)
Society of Chemical Industry in Basle. (See Kern, W., and Tobler, assignors.)
Society of Chemical Industry in Basle. (See Landolt, A., Widmer, and Benz, assignors.)
Society of Chemical Industry in Basle. (See Mayer, B., and Henzi, assignors.)
Society of Chemical Industry in Basle. (See Miescher, K., and Fischer, assignors.)
Society of Chemical Industry in Basle. (See Miescher, K., and Hoffman, assignors.)
Society of Chemical Industry in Basle. (See Miescher, K., and Kaegi, assignors.)
Society of Chemical Industry in Basle. (See Miescher, K., Kaegi, and Plattner, assignors.)
Society of Chemical Industry in Basle. (See Miescher, K., and Scholz, assignors.)
Society of Chemical Industry in Basle. (See Miescher, K., and Urech, assignors.)
Society of Chemical Industry in Basle. (See Miescher, K., and Wettstein, assignors.)
Society of Chemical Industry in Basle. (See Pool, E., Bonhôte, and Apotheker, assignors.)
Society of Chemical Industry in Basle. (See Ruzicka, Leopold, assignor.)
Society of Chemical Industry in Basle. (See Ruzicka, L., and Wettstein, assignors.)
Society of Chemical Industry in Basle. (See Ruzicka, L., Wettstein, and Kaegi, assignors.)
Society of Chemical Industry in Basle. (See Schmid, Max, assignor.)
Society of Chemical Industry in Basle. (See Sonn, Adolf, assignor.)
Society of Chemical Industry in Basle. (See Straub, F., and Anderau, assignors.)
Society of Chemical Industry in Basle. (See Straub, F., and Hanhart, assignors.)
Society of Chemical Industry in Basle. (See Straub, F., and Pieth, assignors.)
Society of Chemical Industry in Basle. (See Straub, F., Pieth, and Schneider, assignors.)
Society of Chemical Industry in Basle. (See Straub, F., and Schneider, assignors.)
Society of Chemical Industry in Basle. (See Straub, F., Schneider, and Pieth, assignors.)
Society of Chemical Industry in Basle. (See Straub, F., and Widmer, assignors.)
Society of Chemical Industry in Basle. (See Widmer, G., and Fisch, assignors.)
Society of Chemical Industry in Basle. (See Widmer, G., Fisch and Jakl, assignors.)
Society of Chemical Industry in Basle. (See Widmer, G., Haller, Landolt, and Schürch, assignors.)
Society for Savings in the City of Cleveland. (See Lee, Harley C., assignor.)
Socin, Francis C., St. Charles, Ill., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Sounding board construction for pianos. 2,174,074; Sept. 26.
Socolofsky, Arthur R., Chicago, Ill. Incandescent lamp. 2,179,437; Nov. 7.
Socony-Vacuum Oil Company. (See Altamura, Mario S., assignor.)
Socony-Vacuum Oil Company. (See Badertscher, D. E., and Crandall, assignors.)
Socony-Vacuum Oil Company. (See Baker, Ronald A., assignor.)
Socony-Vacuum Oil Company. (See Berberick, Leo J., assignor.)
Socony-Vacuum Oil Company. (See Berger, Henry G., assignor.)
Socony-Vacuum Oil Company. (See Berger, H. G., James, and Badertscher, assignors.)
Socony-Vacuum Oil Company. (See Berger, H. G., Moran, and Seger, assignors.)
Socony-Vacuum Oil Company. (See Bolinger, J. C., Howard, and Woolley, assignors.)
Socony-Vacuum Oil Company. (See Crandall, G. S., and James, assignors.)
Socony-Vacuum Oil Company. (See Crandall, G. S., Moran, and Berger, assignors.)
Socony-Vacuum Oil Company. (See Davis, H. S., and Francis, assignors.)
Socony-Vacuum Oil Company. (See De Foe, J. C., and Winter, assignors.)
Socony-Vacuum Oil Company. (See Drake, Leonard C., assignor.)
Socony-Vacuum Oil Company. (See Fisher, Gerald M., assignor.)
Socony-Vacuum Oil Company. (See Fisher, G. M., and Garrison, assignors.)
Socony-Vacuum Oil Company. (See Francis, Alfred W., assignor.)
Socony-Vacuum Oil Company. (See Fuller, Everett W., assignor.)
Socony-Vacuum Oil Company. (See Gunn, Thomas M., assignor.)
Socony-Vacuum Oil Company. (See Hooker, D. L., and Fabian, assignors.)
Socony-Vacuum Oil Company. (See Howard, W. A., and Smith, assignors.)
Socony-Vacuum Oil Company. (See James, W. H., Moran, and Evers, assignors.)
Socony-Vacuum Oil Company. (See James, W. H., Moran, and Nygaard, assignors.)
Socony-Vacuum Oil Company. (See Kehrer, Eddie R., assignor.)
Socony-Vacuum Oil Company. (See McCarty, Malcolm D., assignor.)
Socony-Vacuum Oil Company. (See McLaine, William L., assignor.)
Socony-Vacuum Oil Company. (See Milton, Peter, assignor.)
Socony-Vacuum Oil Company. (See Minton, John P., assignor.)
Socony-Vacuum Oil Company. (See Moran, R. C., and Fuller, assignors.)
Socony-Vacuum Oil Company. (See Moran, R. C., and James, assignors.)
Socony-Vacuum Oil Company. (See Moran, R. C., and Kozacik, assignors.)
Socony-Vacuum Oil Company. (See Noll, Henry D., assignor.)
Socony-Vacuum Oil Company. (See Nygaard, E. M., and Crandall, assignors.)
Socony-Vacuum Oil Company. (See Reiff, Orland M., assignor.)
Socony-Vacuum Oil Company. (See Reiff, O. M., and Badertscher, assignors.)
Socony-Vacuum Oil Company. (See Renshaw, David F., assignor.)
Socony-Vacuum Oil Company. (See Sachanen, A. N., and Waldo, assignors.)
Socony-Vacuum Oil Company. (See Smith, P. L., Shipp, and Boenau, assignors.)
Socotch, John Y. (See Sorenson, Thoyer, assignor.)
Soderberg, Carl R., Swarthmore, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Turbine apparatus. 2,174,806; Oct. 3.

Soderberg, Gustav A., assignor of one-half to The Bodine Corporation, Bridgeport, Conn. Apparatus for filling and closing collapsible metal tubes. 2,162,464; June 13.
Soderholm, Carl J., Minneapolis, Minn. Washing process. 2,161,208; June 6.
Soderquist, Leslie E., assignor to National Rubber Machinery Company, Akron, Ohio. Lubrication of solvent pumps. 2,146,161; Feb. 7.
Söderström, Anders V., Rovaniemi, Finland. Snow chain and runner or ski for motor vehicles. 2,150,135; Mar. 7.
Soenens, Maurice A., Bruges, assignor to The Automatic Flax Production Units, Courtrai, Belgium. Machine for pulling standing flax or other like plants. 2,183,946; Dec. 19.
Sofnas, Samuel, Indianapolis, Ind. Line casting machine metal-delivery mouth wiper. 2,174,764; Oct. 3.
Sohles, Leroy P., Pittsfield, Mass., assignor to General Electric Company. Electric cut-out. 2,165,015; July 4.
Sohn, Ernst. (See Pflügner, H., and Sohn.)
Sohn, Frank, Chicago, Ill., assignor, by mesne assignments, to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Inlaid vitreous material. 2,143,744; Jan. 10.
Söhner, Frederick F. (See Hilson, A. R. J., and Söhner.)
Sokoloff, Sergey, Leningrad, Union of Soviet Socialist Republics. Indicating flaws in materials. 2.164.125: June 27.
Sol Core Barrel Co. (See Hobbs, Frank D., assignor.)
Sola Electric Co. (See Sola, Joseph G., assignor.)
Sola, Joseph G., Oak Park, Ill. Electrical heating mechanism. 2,158,733; May 16.
Sola, Joseph G., Oak Park, assignor to Sola Electric Co., Chicago, Ill. Constant potential transformer. 2,143,745; Jan. 10.
Sola, Joseph G., Oak Park, assignor to Sola Electric Co., Chicago, Ill. Electrically operated device. 2,173,735; Sept. 19.
Sola, Joseph G., Oak Park, assignor to Sola Electric Co., Chicago, Ill. System for starting and operating gaseous discharge devices. 2,183,228; Dec. 12.
Solar Corporation. (See Feldtkeller, Carl L., assignor.)
Solar Laboratoris. (See Smith, John C., assignor.)
Solar Manufacturing Company. (See Poitras, Joseph A., assignor.)
Solar Manufacturing Corporation. (See Schnoll, N., and Appleton, assignors.)
Solberg, Albright, New York, N. Y. Delivery shutter. 2,163,356; June 20.
Solberg, Thorvald A., Washington, D. C. Absorption device. 2,151,053; Mar. 21.
Solberg, Thorvald A., Washington, D. C. Time switch and control system. 2,184,724; Dec. 26.
Soldinger, Harry, Edgemere, N. Y. Combination garment. 2,180,970; Nov. 21.
Solem, Arthur C., Ely, Minn. Safety caster. 2,176,551; Oct. 17.
Soler, Gilbert. (See Hare, W. A., Peterson, and Soler.)
Soler, Jesus. (See Masip, J., Gandon, and Soler.)
Soler, José, Buenos Aires, Argentina. Electromechanical apparatus. 2,170,487; Aug. 22.
Solheim, Harriet M., Parker, S. Dak. Chalk holder. 2,179,902; Nov. 14.
Solinski, Charles A., assignor to The Exhibit Supply Company, Chicago, Ill. Vibrator. 2,174,648; Oct. 3.
Söll, Julius, Leverkusen-I. G. Werk, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Fluorine containing layer on light metals. 2,162,129; June 13.
Soller, Arnold. (See Sprague, Philip T. and C. A., and Soller.)
Soller, Walter, assignor of one-half to W. H. Woodin, Jr., Tucson, Ariz. Balanced electron tube amplifier. 2,166,184; July 18.
Soller, Walter, Cincinnati, Ohio, assignor of one-half to W. H. Woodin, Jr., Tucson, Ariz. Photoelectric tube. 2,174,537; Oct. 3.
Soller, Walter, Cincinnati, Ohio, assignor of one-half to W. H. Woodin, Jr., Tucson, Ariz. Television system and apparatus. 2,177,676; Oct. 31.
Soller, Walter, Cincinnati, Ohio, assignor of one-half to W. H. Woodin, Jr. Regenerative electromechanical frequency selective apparatus. 2,184,321; Dec. 26.
Sollie, S. A. (See Rouse, John H., assignor.)
Söllinger, Hans, St. Oswald, near Freistadt, Austria. Beer dispensing apparatus. 2,147,862; Feb. 21.
Solodar, Abraham, Chicago, Ill. Printing method and apparatus therefor. 2,170,668; Aug. 22.
Sologaistoa, Manuel H. P., San Pedro Sula, Honduras Mechanical movement. 2,166,975; July 25.
Sologaistoa, Manuel H. P., San Pedro Sula, Honduras. Drive mechanism for locomotives or other vehicles, engines, or machinery. 2,166,976; July 25.
Solomon, Guillaume J., Paris, France. Drilling bucket hammer. 2,152,220; Mar. 28.
Solomon, Guillermo, Santiago, Dominican Republic. Trailer hitch. 2,150,010; Mar. 7.
Solomon, Guillermo, Santiago, Dominican Republic. Torque compensator for airplanes. 2,167,533; July 25.
Solomon, Guillermo, Santiago, Dominican Republic. Umbrella. 2,172,549; Sept. 12.
Solomon, Guillermo, Santiago, Dominican Republic. Airplane. 2,182,648; Dec. 5.
Solomon, Guillermo, Santiago, Dominican Republic, West Indies. Automobile parking device. 2,180,127; Nov. 14.
Solomon, Linton M., Macon, Ga. Apparatus for making measurements and graphs of successive tree ring widths. 2,180,485; Nov. 21.
Solomon, Nathan L., Brooklyn, N. Y. Hair curler. 2,145,278; Jan. 31.
Solomon, Nathan L., Brooklyn, N. Y. Hair curler. 2,149,317; Mar. 7.
Solomon, Nathan L., Brooklyn, N. Y. Compound curler. 2,149,318; Mar. 7.
Solomon, Nathan L., Brooklyn, N. Y. Hair curler. 2,152,672; Apr. 4.
Solomon, Nathan L., Brooklyn, N. Y. Hair roller. 2,152,673; Apr. 4.
Solomon, Nathan L., Brooklyn, N. Y. Slumber curler. 2,168,368; Aug. 8.
Solomon, Nathan L., Brooklyn, N. Y. Hair curler. 2,179,525; Nov. 14.
Solomon, Nathan L., Mount Vernon, N. Y. Barrette. 2,168,369; Aug. 8.
Solomon, Nathan L., Mount Vernon, N. Y. Eyelash curler. 2,168,370; Aug. 8.
Solomon, Nathan L., Mount Vernon, N. Y. Bow holder. 2,169,596; Aug. 15.
Solomon, Nathan L., New York, N. Y. Automatic ringlet curler. 2,173,138; Sept. 19.
Solomon, Nicholas B., Jr., and D. M. Carter, Blakely, Ga. Peanut cleaner. 2,162,392; June 13.
Solomons, Mortimer J., New York, N. Y. Hat retaining device. 2,157,835; May 9.
Solski, Julius F., Sacramento, Calif. Aircraft position indicator. 2,142,291; Jan. 3.
Solvay & Cie. (See Brouhon, Georges, assignor.)
Solvay Process Company. (See Agel, Frank O., assignor.)
Solvay Process Company, The. (See Beekhuis, Herman A., Jr., assignor.)
Solvay Process Company, The. (See Eichelberger, William C., assignor.)
Solvay Process Company, The. (See Fogler, Mayor F., assignor.)
Solvay Process Company. (See Kingelhoefer, William C., Jr., assignor.)
Solvay Process Company, The. (See Kniskern, W. H., and Rohner, assignors.)
Solvay Process Company, The. (See Moyer, Wendell W., assignor.)
Solvey Process Company, The. (See Phalen, William C., assignor.)
Solvay Process Company, The. (See Porter, Frank, assignor.)
Solvay Process Company, The. (See Rogers, Donald A., assignor.)
Solvay Process Company, The. (See Rogers, D. A., and Brown, assignors.)
Solvay Process Company, The. (See Schuber, John, assignor.)
Solvay Process Company, The. (See Silsby, Charles F., assignor.)
Somers, Amos N., Westboro, Mass. Vaporizing apparatus. 2,150,295; Mar. 14.
Somers, Francis P., Upper Darby, assignor to Aluminum Company of America, Pittsburgh, Pa. Relief of stress cracking in aluminum-magnesium alloys. 2,157,150; May 9.
Somers, Frank J., San Jose, Calif., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Telephoto system. 2,174,490; Sept. 26.
Somers, Richard M., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph. 2,162,981; June 20.
Somers, Richard M., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Phonograph record shaving machine. 2,184,365; Dec. 26.
Somervell, Howard. (See Arnold, R. H., Polhamus, and Somervell.)
Somerville, Gareth G., Pittsfield, Mass., assignor to General Electric Company. Arc welding. 2,146,600; Feb. 7.
Somerville, Gareth G., Pittsfield, Mass., assignor to General Electric Company. Arc welding apparatus. 2,146,601; Feb. 7.
Somerville, Gareth G., Pittsfield, Mass., assignor to General Electric Company. Arc welding. 2,163,439; June 20.
Somerville, William E., Coal City, Ill. High speed stranding or wire rope machine. 2.147,065; Feb. 14.
Somerville, William E., Coal City, Ill. Wire rope or cable. 2,162,130; June 13.
Somerville, William E., Coal City, Ill. High speed stranding or wire rope machine. 2,162,131; June 13.
Somerville, William E., Coal City, Ill. High speed stranding or wire rope machine. 2.164,630; July 4.
Somerville, William E., Coal City, Ill. Closer for wire rope or stranding machines. 2,179,304; Nov. 7.
Somes, Howard E., Detroit, Mich. Cleaning and degreasing system. 2,180,126; Nov. 14.
Sommer, Eric E. (See Burdick, J. N., and Sommer.)
Sommer, Fritz, Berlin-Charlottenburg, and M. Nassau, Berlin-Wilmersdorf, assignors to the firm Chemische Fabrik Grünau, Landshoff & Meyer A. G. Berlin-Grunau, Germany. Improving the properties of condensation products of high molecular split-off products of albumin with higher fatty acids as cosmetic products. 2,151,241; Mar. 21.
Sommer, Hans-Joachim. (See Wagner, Hans (Johann Konrad), and Sommer.)

Sommer, Victor, and B. R. Roberts, Jamaica, and F. M. Faust, St. Albans, N. Y. Apparatus for the treatment of the skin or the like. 2,183,726; Dec. 19.
Sommer, William H., assignor to Keystone Steel & Wire Company, Peoria, Ill. Wire fence. 2,172,112; Sept. 5.
Sommerfeld, Leonhart F., Canton, assignor of one-third to H. G. Rolf, McPherson, Kans. Ensilage harvesting machine. 2,177,911; Oct. 31.
Sommermeyer, Karl H. (See McMaster, A. J., and Sommermeyer.)
Sommers, Howard A., Saltville, Va., assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Vehicle for shipping solid carbon dioxide. 2,144,348; Jan. 17.
Sondermann, Karl, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Distillation of liquids having relatively high boiling points. 2,179,833; Nov. 14.
Sondern, Clarence W., and G. O. Doak, assignors to G. A. Breon & Company, Inc., Kansas City, Mo. Alkali metal bismuth saccharate solution. 2,178,126; Oct. 31.
Sonderup, Hans L., St. Paul, Nebr. Jack and carriage therefor. 2,173,598; Sept. 19.
Sonesson, August E., Sandviken, Sweden. Joining the edges of metal bands or the like. 2,171,195; Aug. 29.
Sonheim, Frank J., asignor of one-half to E. F. Whitchurch, Chicago, Ill. Mechanical toy. 2,150,465; Mar. 14.
Sonn, Adolf, Konigsberg, Germany, assignor to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Imidazolines. 2,149,473; Mar. 7.
Sonn, Adolf, Konigsberg, Germany, assignor to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Imidazolines. 2,161,938; June 13.
Sonne, John, Detroit, Mich. Adjustable service pencil. 2,158,439; May 16.
Sonneborn, L. Sons, Inc. (See Blumer, Manuel, assignor.)
Sonneborn, L., Sons, Inc. (See Breth, Ferdinand W., assignor.)
Sonneborn, L., Sons, Inc. (See Faust, Jacob, assignor.)
Sonneborn, L., Sons, Inc. (See Kinsel, Anton, assignor.)
Sonneborn, L., Sons, Inc. (See Liberthson, Leo, assignor.)
Sonneborn, L., Sons, Inc. (See Moscowitz, Abraham, assignor.)
Sonnenfeld, Siegmund. (See Kotowski, P., and Sonnenfeld.)
Sonnhalter, Edward P., Cleveland, assignor of forty-nine per cent to W. H. Reed, Lakewood, and A. M. Moran, Cleveland, Ohio. Fastening means for closures of automobiles, airplanes, or the like. 2,145,998; Feb. 7.
Sonnier, Numa J., Midland, La. Oil burning heater. 2,178,189; Oct. 31.
Sonoco Products Company. (See Dunlap, Charles K., assignor.)
Sonotone Corporation. (See Nicholides, Emmanuel C., assignor.)
Sonsthagen, Asbjorn, London, England. Apparatus for grinding material in a more or less viscous condition. 2,163,765; June 27.
Sontag, Benjamin D., Clairton, Pa. Removing carbon disulphide from coke-oven light oil. 2,165,732; July 11.
Soo-Hoo, Theodore L. (See Kunze, K. E., and Soo-Hoo.)
Sooter, Ray E., Coldwater, Kans. Barrel truck. 2,160,041; May 30.
Sooy, Walter E. (See von Sydow, R. W., and Sooy.)
Sopchack, Carl, New Kensington, Pa. Molding apparatus. 2,183,977; Dec. 19.
Soper, Cleveland C., Kent, assignor to The Firestone Tire & Rubber Company, Akron, Ohio. Method of and apparatus for testing spark plugs. 2,175,038; Oct. 3.
Soper, Roy M., Kansas City, Mo. Metal flume. 2,150,466; Mar. 14.
Soprani, Mario. (See Guidobaldi, Alfredo, assignor.)
Sordahl, Louis O., Chicago, Ill., assignor to United States Steel Corporation. Radiation pyrometer device. 2,184,169; Dec. 19.
Sordoillet, Pierre, Paris, France. Navigating instrument. 2,161,536; June 6.
Sordoillet, Pierre, Paris, France. Measuring and computing device. 2,177,814; Oct. 31.
Soref, Harry E., assignor to Master Lock Company, Milwaukee, Wis. Padlock. 2,160,294; May 30.
Soref, Harry E., and J. K. Marshall, assignors to Master Lock Company, Milwaukee, Wis. Savings bank. 2,170,097; Aug. 22.
Soref, Samuel M. (See Marshall, J. K., and Soref.)
Soref, Samuel M., and J. K. Marshall, assignors to Master Lock Company, Milwaukee, Wis. Combination padlock. 2,169,907; Aug. 15.
Soreng, Edgar M., assignor to Soreng-Manegold Company, Chicago, Ill. Lighting fixture. 2,144,745; Jan. 24.
Soreng, Edgar M., assignor to Soreng-Manegold Company, Chicago, Ill. Lighting fixture. 2,172,523; Sept. 12.
Soreng-Manegold Company. (See Soreng, Edgar M., assignor.)
Sorensen, Andrew J. (See Place, W. P., and Sorensen.)
Sorensen, Andrew J., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,164,668; July 4.
Sorensen, Andrew J., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Speed responsive apparatus. 2,178,290; Oct. 31.
Sorensen, Axel. (See Brandt, H. E., and Sorensen.)
Sorensen, Clarence S., Los Angeles, Calif. Compressor. 2,150,347; Mar. 14.
Sorensen, Clarence T., Lakewood, Ohio. Refrigerating device. 2,184,322; Dec. 26.
Sorensen, Ed L., Mare Island, Calif. Safety appliance for painters and the like. 2,169,298; Aug. 15.
Sorensen, Louis N., and J. G. Fitzthum, Port Clinton, Ohio, assignors, by mesne assignments, to The Celotex Corporation, Chicago, Ill. Plaster lath bundling machine. 2,171,954; Sept. 5.
Sorensen, Royal W., Pasadena, Calif. Switching mechanism and method. 2,173,139; Sept. 19.
Sorensen, Sam, Houston, Tex. Valve. 2,150,254; Mar. 14.
Sorenson, Elvira J. (See Sorenson, Wendell L., assignor.)
Sorenson, James, Fond du Lac, Wis. Dental device and utilizing same. 2,176,575; Oct. 17.
Sorenson, John C., and H. C. Hansen, Rhinelander, Wis. Hook retriever. 2,175,135; Oct. 3.
Sorenson, Thoyer, assignor of one-half to J. Y. Socotch, Cleveland, Ohio. Radio receiving apparatus. 2,164,889; July 4.
Sorenson, Wendell L., et al. (See Brownstein, Louis, assignor.)
Sorenson, Wendell L., assignor to E. J. Sorenson, Brooklyn, N. Y. Stapling. 2,183,978; Dec. 19.
Sosa, Augustus M., assignor to Vulcan Corporation, Portsmouth, Ohio. Turning wood heels. 2,151,875; Mar. 28.
Soss, Henry. (See Soss, Joseph and H.)
Soss, Joseph, Roselle, N. J. Covered joint hinge. 2,151,240; Mar. 21.
Soss, Joseph, Roselle, N. J. Concealed hinge. 2,157,027; May 2.
Soss, Joseph, Roselle, N. J. Concealed hinge. 2,163,713; June 27.
Soss, Joseph, Roselle, N. J. Concealed hinge. 2,164,757; July 4.
Soss, Joseph, Roselle, N. J. Concealed hinge. 2,177,294; Oct. 24.
Soss, Joseph, Roselle, N. J. Concealed hinge. 2,178,271; Oct. 31.
Soss, Joseph, Roselle, N. J. Hinge. 2,175,577; Oct. 10.
Soss, Joseph and H., Roselle, N. J. Hinge. 2,169,059; Aug. 8.
Sosna, Samuel E., et al. (See Taylor, George E., assignor.)
Sosna, Samuel E., et al, trustees. (See Taylor, George E., assignor.)
Sothen, Albert L., Chicago, Ill. Dancing tap. 2,168,303; Aug. 1.
Sothen, Albert L., Chicago, Ill. Jingling dancing tap. 2,173,599; Sept. 19.
Soubier, Leonard D. (See Hoge, J. R., Soubier, and Mankin.)
Soubier, Leonard D. (See Mankin, L. O., and Soubier.)
Soubier, Leonard D., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Stenciling apparatus. 2,157,638; May 9.
Soubier, Leonard D., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Joining glass block sections. 2,164,093; June 27.
Soubier, Leonard D., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Method of and apparatus for producing hollow glass articles. 2,174,930; Oct. 3.
Soubier, Leonard D., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Electric heating and flow control of molten glass. 2,179,224; Nov. 7.
Soubier, Leonard D., Toledo, Ohio, assignor to Owens-Illinois Glass Company. Siphon head. 2,183,229; Dec. 12.
Soulary, Pierre, assignor to L'Air Liquide, Societe Anonyme pour l'Etude & l'Exploitation des Procedes Georges Claude, Paris, France. Transformer with a closed magnetic circuit. 2,175,039; Oct. 3.
Soulat, Georges, La Guerche sur l'Aubois, France. Safety device for automobile vehicles. 2,174,846; Oct. 3.
Soulat, Georges, La Guerche sur l'Aubois, France. Make and break device. 2,182,038; Dec. 5.
Soule, Edward C. (See Michalek, J. C., and Soule.)
Soule, Edward L., Berkeley, assignor to Soule Steel Company, San Francisco, Calif. Building construction. 2,145,407; Jan. 31.
Soule, George C., and C. D. Henry, assignors to Maine Steel, Inc., South Portland, Maine. Equipment for moving snow or other movable substances. 2,176,576; Oct. 17.
Soule, Lawrence C., Essex Fells, assignor, by mesne assignments, to Carrier Corporation, Newark, N. J. Heater apparatus. 2,180,854; Nov. 21.
Soule, Leslie, et al., trustees. (See Dahl, Edward T., assignor.)
Soule Steel Company. (See Kullmer, Frank, assignor.)
Soule Steel Company. (See Ropp, Franklin N., assignor.)
Soule Steel Company. (See Soule, Edward L., assignor.)
Sound Products Co. Inc. (See Simons, Louis J., assignor.)
Sound Publicity Corp., The. (See Schwartz, Edward, assignor.)
Souply, Elie, Broomfield, Colo. Automatically extensible fly swatter. 2,151,242; Mar. 21.
Sourwine, James A., Washington, D. C. Preparing an earthen fundation. 2,162,185; June 13.
Sourwine, Robert C. (See Miller, G. C., and Sourwine.)
Sousedfk, Josef, Vsetin, Czechoslovakia. Electrical transmission gear, in particular for traction machines. 2,172,298; Sept. 5.

Soussa, Edmond, Paris, France. Treatment of human hair. 2,149,319; Mar. 7.
South Bend Bait Company. (See Howarth, David, assignor.)
South Bend Bait Company. (See Leusch, V. W., and Gibson, assignors.)
South Bend Bait Company. (See Scogland, C. A., and Sanders, assignors.)
Southern Kraft Corporation. (See Kondolf, Henry, assignor.)
Southern States Equipment Company, The. (See Lemmon, George N., assignor.)
Southern States Equipment Co. (See Logan, J. T., Richardson, Cooper, and Benziger, assignors.)
Southern Steel Company. (See Little, David J., assignor.)
Southern Steel Company. (See White, Lloyd J., assignor.)
Southern Textile Machinery Company. (See De Spain, Thomas H., assignor.)
Southgate, George T., Forest Hills, N. Y. Electric power conversion. 2,165,309; July 11.
Southwest Welding and Manufacturing Co. (See Maloon, Earl B., assignor.)
Southwestern Engineering Company. (See Coulter, C. D., and Cox, assignors.)
Southwick, Charles R. (See Page, J., and Southwick.)
Southworth, George C., Red Bank, N. J., assignor to American Telephone and Telegraph Company. Ultra high frequency signaling. 2,153,728; Apr. 11
Southworth, George C., and A. P. King, Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Apparatus for receiving electromagnetic wave signals through dielectric guides. 2,142,159; Jan. 3.
Sova, Frank C. (See Rouan, F. J., and Sova.)
Sovis, Milo, assignor to Peerless Novelty Company, Grand Haven, Mich. Visor bracket construction. 2,167,962; Aug. 1.
Sowden, Alfred, Arkansas City, Kans. Packing machine for containers and the like. 2,184,474; Dec. 26.
Sowers Manufacturing Co. (See Huggins, Frank E., Jr., assignor.)
Sowers, Nelson E., Red Bank, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. High frequency circuit and apparatus. 2,157,870; May 9.
Sowter, Percy F. C. (See Dickie, W. A., and Sowter.)
Soya Corporation of America. (See Horvath, Artemy A., assignor.)
Spackman, Thomas F. (See McCollum, H. J. D., and Spackman.)
Spackman, Thomas F., River Grove, assignor to Stewart-Warner Corporation, Chicago, Ill. Automatic feeding device for liquid fuel and the like. 2,165,585; July 11.
Spadaro, Joseph, Bronx, N. Y. Dredging machine. 2,160,761; May 30.
Spadone, Charles C., Rockville Centre, N. Y. Machine for cleaning corrugated plates or molds. 2,179,963; Nov. 14.
Spaeth, Charles, Cleveland, Ohio. Storage and dispensing system. 2,160,683; May 30.
Spaeth, Charles, Cleveland, Ohio. Flame arrester. 2,160,684; May 30.
Spaeth, Charles, Cleveland, Ohio. Float gauge cover. 2,160,685; May 30.
Spaeth, Charles, Flushing, N. Y. Filament. 2,165,310; July 11.
Spaeth, Charles, Flushing, N. Y. Electric lamp. 2,179,455; Nov. 7.
Spaeth, Charles P. (See Lawson, W. E., and Spaeth.)
Spaeth, Otto L., Oakwood, assignor to Dayton Type, Incorporated, Dayton, Ohio. Compression quad for justifying lines of type. 2,152,752; Apr. 4.
Spaeth, Phil D., et al. (See Bezzenberger, Frederick K., assignor.)
Spaeth, Phil D., et al. (See Brown, W. H., and Kietz.)
Spaeth, Phil D., et al. (See Decker, George, assignor.)
Spaght, Monroe E. (See Greensfelder, B. S., and Spaght.)
Spahn, Charles A., assignor to The Orthodontists Supply Co. Inc., Newark, N. Y. Dental appliance. 2,152,391; Mar. 28.
Spahn, Emil, Zug, Switzerland, assignor to Landis & Gyr, A-G. Self-starting synchronous motor. 2,151,996; Mar. 28.
Spain, Rowland W., New York, assignor of one-half to H. J. Tully, Plandome Manor, N. Y. Girdle and crotch member. 2,154,253; Apr. 11.
Spain, Roy L., Birmingham, Ala. Roofing shingle. 2,184,655; Dec. 26.
Spaine, Edward P., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Tension-releaser for sewing machines. 2,165,016; July 4.
Spaine, Edward P., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Buttonhole-cutter safety device for automatic buttonhole sewing machines. 2,174,294; Sept. 26.
Spalding A. G., & Bros. (See Curry, William G., assignor.)
Spalding, A. G., & Bros. (See East, James V., assignor.)
Spalding, A. G., & Bros. (See Pierce, H. M., and Hermson, assignors.)
Spalding, A. G., & Bros. Inc. (See Pierce, H. M., Marmson, and Thorkelson, assignors.)
Spalding, Clarence G., Milford, assignor of one-half to G. R. Gould, New Haven, Conn. Incorporating pectin in bakery products. 2,145,016; Jan. 24.
Spalding, Deward. (See Nall, Gibson, assignor.)
Spalding, Jack J., Jr., New York, N. Y. Heat exchanging apparatus. 2,153,942; Apr. 11.
Spalding, John D., Los Angeles, Calif., assignor to The National Supply Company, Pittsburgh, Pa. Rotary machine. 2,172,777; Sept. 12.
Spalding, John D., Los Angeles, Calif., assignor, by mesne assignments, to The National Supply Company, Pittsburgh, Pa. Drill stem roller drive bushing. 2,179,645; Nov. 14.
Spalink, Fred H., Maywood, assignor to Seymour-Avery Manufacturing Company, Chicago, Ill. Slip. 2,172,826; Sept. 12.
Spamer, Richard F. (See Johnson, C. C., Hopkins, and Spamer.)
Spanagel, Edgar W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process and products therefrom. 2,163,109; June 20.
Spanagel, Edgar W., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing linear condensation polyamides. 2,163,636; June 27.
Spanel, Abraham N., Rochester, N. Y. Cap. 2,147,504; Feb. 14.
Spanel, Abraham N., Rochester, N. Y. Dress shield. 2,147,505; Feb. 14.
Spánel, Abraham N., Rochester, N. Y. Form for making rubber garments. 2,158,206; May 16.
Spánel, Abraham N., Rochester, N. Y. Rubber garment. 2,158,207; May 16.
Spanel, Abraham N., Rochester, N. Y. Making rubber articles. 2,169,475; Aug. 15.
Spánel, Abraham N., Rochester, N. Y. Form for making dress shields and the like. 2,173,343; Sept. 19.
Spánel, Abraham N., Rochester, N. Y. Rubber garment. 2,173,344; Sept. 19.
Spánel, Abraham N., Rochester, N. Y. Rubber garment, such as baby pants. 2,177,307; Oct. 24.
Spánel, Abraham N., Rochester, N. Y. Rubber pants. 2,177,308; Oct. 24.
Spang, Ferdinand J., Butler, Pa. Packing element, 2,143,746; Jan. 10.
Spang, Joseph P., Quincy, Mass. Machine for dicing vegetables, meat, and the like. 2,148,782; Feb. 28.
Spang, Joseph P., Quincy, Mass. Meat-slitting machine. 2,149,407; Mar. 7.
Spang, Joseph P., Quincy, Mass. Meat-slitting machine. 2,149,638; Mar. 7.
Spang, Joseph P., Quincy, Mass. Machine for dicing vegetables, fruit, meat, etc. 2,161,891; June 13.
Spang, Joseph P., Quincy, Mass. Meat-slitting machine. 2,162,409; June 13.
Spang, Joseph P., Quincy, Mass. Meat-slitting machine. 2,171,900; Sept. 5.
Spang, Joseph P., Quincy, Mass. Meat-slitting machine. 2,176,751; Oct. 17.
Spang, Joseph P., Quincy, Mass. Meat-slitting machine. 2,179,025; Nov. 7.
Spangenberg, Albert C. (See Carlton, J. C., and Spangenberg.)
Spangenberg, Charles B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic reset mechanism. 2,174,910; Oct. 3.
Spangenberg, Charles B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Temperature control system. 2,184,703; Dec. 26.
Spangler, Allen. (See Peppler, William S., assignor.)
Spangler, John H., assignor of one-half to H. G. Aplin, and one-fifth to A. U. Hamrum, Minneapolis, Minn. Gear shifting mechanism for motor vehicles. 2,176,383; Oct. 17.
Spangler, John I., and J. A. Eades, York, Pa., and E. H. Purdy, Washington, D. C., assignors to Read Machinery Company, Incorporated, York, Pa. Rotary mixer. 2,167,316; July 25.
Spanier, Walter, Brussels, Belgium. Lay figure for displaying fabrics in the form of garments. 2,155,622; Apr. 25.
Spann, John H., Oklahoma City, Okla, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Air conditioning system. 2,177,602; Oct. 24.
Spanner, Hans J., et al. (See Germer, Edmund, assignor.)
Spanner, Hans J. (See Meyer, F., Spanner, and Germer.)
Spanner, Hans J., Berlin-Kladow, Germany. Discharge device. 2,159,824; May 23.
Spanner, Hans J., Berlin-Kladow, Germany. Gas and metal vapor discharge tube. 2,181,924; Dec. 5.
Spanner, Hans J., Berlin-Kladow, Germany. Cathode activation and degassing. 2,184,323; Dec. 26.
Spare, Charles R., and C. H. Lapsley, Philadelphia, Pa. Vending machine. 2,147,320; Feb. 14.
Spargo, Francis C. (See Savage, M. H., Spargo, and Schwartz.)
Spargo, Francis C. (See Schwartz, E. W., Savage, and Spargo.)
Sparkes, Harry P., West Orange, N. J. Article of manufacture and producing same. 2,176,773; Oct. 17.
Sparkes, Harry P., West Orange, N. J. Spark plug. 2,182,061; Dec. 5.
Sparklets Limited. (See Brewer, William, assignor.)

Sparklin, Charles H., assignor to Birtman Electric Company, Chicago, Ill. Thermostat. 2,183,469; Dec. 12.
Sparks, John, executor, et al. (See Strauss, Joseph B., assignor.)
Sparks Processes, Inc. (See Sparks, Stanley W., assignor.)
Sparks, Sherman P., Mount Olive, Ill. Device for counting bacteria and the like. 2,157,438; May 9.
Sparks, Stanley W., assignor to Sparks Processes, Inc., Norwalk, Conn. Manufacture of extruded metal valves. 2,142,702; Jan. 3.
Sparks, Stanley W., Norwalk, Conn., assignor to Sparks Processes, Incorporated, New York, N. Y. Method of and apparatus for extruding elongated solid and hollow metal shapes. 2,142,703; Jan. 3.
Sparks, Stanley W., assignor to Sparks Processes, Inc., Norwalk, Conn. Metal flow and equalized temperature and in extrusion apparatus therefor. 2,142,704; Jan. 3.
Sparks, William H. (See Strain, O. R., and Sparks.)
Sparks, William J., Cranford, and C. W. Muessig, Elizabeth, N. J., assignors to Standard Oil Development Company. Oxidized chlorinated olefin polymer. 2,181,158; Nov. 28.
Sparks-Withington Company, The. (See Scofield, Theodore J., assignor.)
Sparling, Archibald E. (See Sparling, Frank K., W. D., and A. E.)
Sparling, Frank K., W. D., and A. E., New Bedford, assignors to R. and S. Jetter Co., Boston, Mass. Jet discharging apparatus. 2,165,908; July 11.
Sparling, William D. (See Sparling, Frank K., W. D., and A. E.)
Sparling, Wyndham E., and W. K. Stokes, Cincinnati, assignors to The Alvey-Ferguson Company, Oakley, Cincinnati, Ohio. System of and apparatus for handling barrels and discharging the contents thereof. 2,155,173; Apr. 18.
Spartalis, Athena M., et al. (See Spartalis, Michael P., assignor.)
Spartalis, Michael P., assignor of twenty per cent to N. Chiomes and twenty per cent to J. P. J. Dolan, St. Paul, and twenty per cent to C. M. Rallis, Minneapolis, Minn., and forty per cent to A. M. Spartalis. Barbecue machine. 2,179,646; Nov. 14.
Spase, Charles B., Nedrow, assignor to W. C. Lipe Inc., Syracuse, N. Y. Friction clutch mechanism. 2,158,440; May 16.
Spase, Charles B., Syracuse, N. Y., assignor to I. Saks, Cleveland, Ohio. Clutch. 2,184,005; Dec. 19.
Spatta, George. (See Gettig, J. H., and Spatta.)
Spatta, George, assignor to Clark Equipment Company, Buchanan, Mich. Axle housing and making the same. 2,150,948; Mar. 21.
Spatta, George, assignor to Clark Equipment Company, Buchanan, Mich. Weld trimming apparatus. 2,157,680; May 9.
Spatta, George, assignor to Clark Equipment Company, Buchanan, Mich. Rolling banjo type axle housings. 2,160,179; May 30.
Spatta, George, assignor to Clark Equipment Company, Buchanan, Mich. Making axle housings. 2,178,350; Oct. 31.
Spatz, Benjamin B., New York, N. Y. Raincoat sleeve. 2,166,328; July 18.
Spaulding, Arch W., assignor to The American Rolling Mill Company, Middletown, Ohio. Expanding ring for tunnel linings. 2,148,783; Feb. 28.
Spaulding, David C., Jr., assignor to The Standard Oil Company, Cleveland, Ohio. Coating tubes interiorly. 2,145,279; Jan. 31.
Spaulding, David C., Jr., assignor to The Standard Oil Company, Cleveland, Ohio. Paper tube making machinery. 2,181,645; Nov. 28.
Spaulding Fibre Co. Inc. (See Peterson, F. J., and (Russell, assignor).)
Spaunburg, Harvey L. (See Slye, E. A., Wild, Hoye, and Spaunburg.)
Spaunburg, Harvey L., Bristol, assignor to Veeder-Root, Incorporated, Hartford, Conn. Counting device. 2,143,584; Jan. 10.
Spaunburg Harvey L., Bristol, Conn., assignor to Veeder-Root Incorporated. Locked pick counter. 2,165,733; July 11.
Spaunburg, Harvey L., Bristol, and E. Wild and O. Wild, Jr., Hartford, Conn., assignors, by mesne assignments, to The Wayne Pump Company, Fort Wayne, Ind. Liquid dispensing apparatus. 2,159,109; May 23.
Spaunburg, Harvey L., Bristol, and E. A. Slye, East Hartford, Conn., assignors, by mesne assignments, to The Wayne Pump Company, Fort Wayne, Ind. Gearing for liquid dispensing apparatus. 2,181,712; Nov. 28.
Spayd, Fred M., Van Wert, Ohio. Fluid dispensing apparatus. 2,154,479; Apr. 18.
Spayd, Fred M., Van Wert, Ohio. Cleaning apparatus. 2,169,620; Aug. 15.
Speagle, William F. (See Schultz, H. K., and Speagle.)
Speakman Company. (See Fraser, James, assignor.)
Speakman, Edwin A. (See Shea, M. F., and Speakman.)
Spear Box Co., The. (See Blumenstock, Louis, assignor.)
Spear, Herbert E., University City, Mo., assignor to Shell Development Company, San Francisco, Calif. Forward-tilting cab. 2,148,308; Feb. 21.
Spear, Leonard M., assignor to G. Skluth, Jackson Heights, New York, N. Y. Fastening device. 2,177,585; Oct. 24.
Spears, Lewis M., Lubbock, Tex. Knee joint protector. 2,179,903; Nov. 14.
Speas Company. (See Speas, Victor E., assignor.)
Speas, Victor E., Kansas City, Mo., assignor to Speas Company. High strength cider vinegar and making same. 2,153,849; Apr. 11.
Specht, Christian H., Los Angeles, Calif. Canopy construction. 2,178,975; Nov. 7.
Specht, Harry G., Montclair, N. J., and P. H. Walsh, Boston, Mass., assignors to Encor Corporation, Belleville, N. J. Felt needling machine. 2,148,511; Feb. 28.
Specht, Malcolm A. (See Cushman, R. A., Smith, and Specht.)
Specht, Walter A., Minneapolis, Minn. Circuit closer. 2,156,882; May 2.
Special Chemicals Corp. (See Cinamon, L., and Sklarew, assignors.)
Special Equipment Company. (See Ewald, Mark, assignor.)
Specialty Automatic Machine Company. (See Russell, H. M., and Sidebotham, assignors.)
Specialty Automatic Machine Company. (See Sidebotham, Melvin H., assignor.)
Specialty Engineering Company. (See McCurtain, Frank, assignor.)
Specialty Guild Inc., The. (See Esselen, Gustavus J., assignor.)
Specialty Merchandisers, Inc. (See Mayer, Joseph E., assignor.)
Specialty Papers Company, The. (See Wilshire, Van Hamm, assignor.)
Speck, Carrie, et al. (See Speck, Grover L., assignor.)
Speck, Elmer H., et al. (See Speck, Grover L., assignor.)
Speck, Grover L., assignor of one-third to C. Speck and one-third to E. H. Speck, Davenport, Okla. Pipe tongs. 2,150,611; Mar. 14.
Speck, Herman J. (See Lehoczky, Peter, assignor.)
Speck, Virginia K., Kansas City, Kans. Dressing case. 2,145,462; Jan. 31.
Speckels, Emil, Chamberlain, S. Dak. Animal restraining apparatus. 2,183,470; Dec. 12.
Speckert, Siegfried, South Gate, Calif. Tool holder. 2,155,337; Apr. 18.
Spector, Isaac. (See Green, S., Spector, and Leese.)
Spector, Samuel. (See Leonardo, John J., assignor.)
Speed, James O., and J. L. Shores, Birmingham, and S. R. Powers, Clanton, Ala. Safety trip device. 2,177,553; Oct. 24.
Speedbrik Corporation. (See Cantwell, John J., assignor.)
Speed-Dump, Inc. (See Gerosa, L., and Wagner, assignors.)
Speeder Machinery Corporation. (See Baker, Walter, assignor.)
Speedtype, Inc. (See Pifer, George N., assignor.)
Speedway Manufacturing Company. (See Larocca, James, assignor.)
Speer Carbon Company. (See Siebenmorgen, William, assignor.)
Speer Carbon Company. (See Zitzler, John A., assignor.)
Speer, D., Rainey et al. (See Doyle, Percy A., assignor.)
Speer, Gilbert E., Columbia Falls, Mont. Bait holder. 2,173,027; Sept. 12.
Speer, Harry P., Council Bluffs, Iowa. Milk bottle receptacle. 2,163,739; June 27.
Speery Gyroscope Company. (See Carter, Leslie F., assignor.)
Speh, Hazel C., executrix. (See Speh, Herman A.)
Speh, Herman A., Binghamton, N. Y., deceased, by H. C. Speh, executrix. Waterproofed garment. 2,144,514; Jan. 17.
Speh, Herman A., deceased; H. C. Speh, executrix, assignor to The Drybak Corporation, Binghamton, N. Y. Pocket construction. 2,180,914; Nov. 21.
Speicher, Paul J., and L. O. Stark, assignors to Cyclone Seeder Co. Inc., Urbana, Ind. Bucket. 2,163,501; June 20.
Speidel, Edwin F. M. (See Raub, Ernst, assignor.)
Speier, Ludwig E., assignor to The Sherman Bros. Mfg. Co., Incorporated, South Norwalk, Conn. Making footwear. 2,177,603; Oct. 24.
Speilholz, Emanuel, North Bergen, N. J., assignor to Duro-Test Corporation. Incandescent tubular lamp. 2,167,426; July 25.
Speir, Godfrey B. (See Bleecker, M. B., and Speir.)
Speir, Melvin O., Austin, Tex. Traffic-sigual light. 2,168,831; Aug. 8.
Speke, Frank C. (See Godwin, H. F., and Speke.)
Spellacy, John R., Burlingame, Calif., assignor to Hercules Powder Company, Wilmington, Del. Drying milk whey. 2,163,331; June 20.
Spelman, Edward M. (See Travis, Frederick S., assignor.)
Spelman, Vincent J., Northport, Long Island, N. Y. Hatch tent. 2,163,072; June 20.
Spenard, Elmer H., assignor to Crest Specialty Company, Chicago, Ill. Venetian blind attachment. 2,181,101; Nov. 21.
Spence, John R. (See Stoody, W. F., and Spence.)

Spence, John T. D., Crossway Green, near Stourport-on-Severn, England, assignor to American Chain & Cable Company, Inc., New York, N. Y. Electric welding apparatus. 2,178,408; Oct. 31.
Spence, Le Roy U. (See Andrews, C. E., and Spence.)
Spence, Le Roy U., Cheltenham, and J. C. Mitchell, assignors to Röhm & Haas Company, Philadelphia, Pa. Conversion of maleic acid to maleic anhydride. 2,166,556; July 18.
Spence, Le Roy U., Cheltenham, assignor to Röhm & Haas Company, Philadelphia, Pa. Determining the purity of trimethylamine. 2,171,809; Sept. 5.
Spencer Aircraft Motors, Inc. (See Spencer, Louis R., assignor.)
Spencer, Allan T., Jr., Gerber, Calif. Produce loader. 2,174,605; Oct. 3.
Spencer, Allard W., Winchester, assignor to J. P. Eustis Manufacturing Company, Cambridge, Mass. Wall fixture. 2,170,465; Aug. 22.
Spencer, Charles D. (See Clark, W. M., and Spencer.)
Spencer, Douglas A. (See Murray, H. D., and Spencer.)
Spencer, Earl B., et al. (See Medenwald, Arthur L., assignor.)
Spencer, Emmet F., South Pasadena, Calif. Nonlockable bumper guard. 2,184,402; Dec. 26.
Spencer, George P., Bronxville, N. Y. Means and method for applying identification marks to coal, coke, and the like. 2,142,686; Jan. 3.
Spencer, Herman J., West View, assignor to Leechgrip Company, O'Hara Township, Allegheny County, Pa. Strap tensioning and sealing device. 2,182,004; Dec. 5.
Spencer, Howard F. (See Morton, W. A., and Spencer.)
Spencer, Howard F., Pittsburgh, and W. A. Morton, Mount Lebanon, assignors to Amco, Incorporated, Pittsburgh, Pa. Continuous heating furnace. 2,157,221; May 9.
Spencer, James A., Teaneck, N. J., assignor to Radio Corporation of America. Error detecting device for printing telegraph receivers. 2,153,737; Apr. 11.
Spencer, James A., Teaneck, N. J., assignor to Radio Corporation of America. Transmitter tape control device. 2,160,463; May 30.
Spencer, James A., Teaneck, and R. E. Mathes, Westfield, N. J., assignors to Radio Corporation of America. Radio signaling. 2,142,218; Jan. 3.
Spencer Kellogg & Sons, Inc. (See Wait, Robert A., assignor.)
Spencer-Larsen Aircraft Corporation. (See Larsen, Victor A., assignor.)
Spencer Lens Company. (See Estey, Roger S., assignor.)
Spencer Lens Company. (See Ott, Harvey N., assignor.)
Spencer Lens Company. (See Ott, H. N., and MacDonald, assignors.)
Spencer, Lillian J., San Rafael, Calif. Sifter and mixer device. 2,163,766; June 27.
Spencer, Lon C., Indianapolis, Ind. Trolley splicer. 2,184,006; Dec. 19.
Spencer, Louis R., West Hartford, assignor to Spencer Aircraft Motors, Inc., Hartford, Conn. Airplane engine. 2,156,202; Apr. 25.
Spencer, Louis R., West Hartford, assignor to Spencer Aircraft Motors, Inc., Hartford, Conn. Multicylinder engine. 2,156,203; Apr. 25.
Spencer, Louis R., West Hartford, assignor to Spencer Aircraft Motors, Inc., Hartford, Conn. Multicylinder engine assembly. 2,163,357; June 20.
Spencer, Millard C., East Orange, N. J. Adjustable speed polyphase motor. 2,143,215; Jan. 10.
Spencer, Millard C., East Orange, N. J. Oscillatory motor. 2,149,126; Feb. 28.
Spencer & Morris. (See Medenwald, Arthur L.)
Spencer, Philip L., assignor to Watson-Williams Manufacturing Company, Millbury, Mass. Center bar for heddle frames. 2,178,127; Oct. 31.
Spencer, Robert L., Los Angeles, Calif. Carburetor for internal combustion engines. 2,150,296; Mar. 14.
Spencer, S. M., Mfg. Co. (See Beckert, Richard E., assignor.)
Spencer Turbine Company, The. (See Smith, Lester C., assignor.)
Spencer, Walter A., Chicago, Ill. Geometric model. 2,168,634; Aug. 8.
Spencer, Walter J., Chicago, Ill. Hose supporter. 2,171,012; Aug. 29.
Spencer, William M., Allentown, Pa., assignor, by mesne assignments, to Filatex Corporation, New York, N. Y. Article and producing the same. 2,152,826; Apr. 4.
Spencer, William M., Allentown, Pa., assignor, my mesne assignments, to Filatex Corporation, New York, N. Y. Machine for and method of making rubber thread. 2,172,018; Sept. 5.
Spencer, William M., Trenton, N. J., assignor, by mesne assignments, to Filatex Corporation, New York, N. Y. Article and making the same. 2,177,538; Oct. 24.
Spengler, Jules, Mulhouse, Haut-Rhin, France. Cartridge for shotguns. 2,144,232; Jan. 17.
Spengler, Otto. (See Knoll, M., Bartels, and Spengler.)
Spengler, Walter J., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Ignition apparatus for internal combustion engines. 2,167,694; Aug. 1.
Spengler, Walter J., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Magneto generator. 2,169,597; Aug. 15.
Spengler, Walter J., Sidney, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Multiple switch. 2,169,819; Aug. 15.
Speno, Frank, Ithaca, N. Y. Dirt conveyer. 2,182,139; Dec. 5.
Spensley, William J., assignor to The Adams Company, Dubuque, Iowa. Slip flask. 2,144,859; Jan. 24.
Sperber, Benjamin H., Brooklyn, N. Y. Multifocal eyeglass frame. 2,155,806; Apr. 25.
Sperberg, Lawrence R., Habana, Cuba, assignor to Wingfoot Corporation, Wilmington, Del. Preparing selenyl aryl thiazoles. 2,184,170; Dec. 19.
Sperlich, Herman A. (See Happe, Arthur H., assignor.)
Sperling, Wilhelm, Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Spaceband for matrix composing and line casting machines. 2,151,396; Mar. 21.
Sperling, Wilhelm, Berlin, Germany, assignor to Mergenthaler Linotype Company, Brooklyn, N. Y. Spaceband for matrix composing and type line casting machines. 2,151,397; Mar. 21.
Sperr, Frederick W., Jr., Vineland, N. J., assignor to Röhm & Haas Company, Philadelphia, Pa. Recovery of hydrocyanic acid. 2,143,821; Jan. 10.
Sperry, Arthur G., Hollis, assignor to Intertype Corporation, Brooklyn, N. Y. Spacer element for typographical machines. 2,180,302; Nov. 14.
Sperry, Edward A. (See Christensen, O., and Sperry.)
Sperry Gyroscope Company. (See Atkins, S. C., and Scofield, assignors.)
Sperry Gyroscope Company. (See Bates, Mortimer F., assignor.)
Sperry Gyroscope Company. (See Bentley, George P., assignor.)
Sperry Gyroscope Company. (See Braddon, Frederick D., assignor.)
Sperry Gyroscope Company. (See Carlson, Bert G., assignor.)
Sperry Gyroscope Company. (See Carter, Leslie F., assignor.)
Sperry Gyroscope Company. (See Carter, L. F., and Bates., assignors.)
Sperry Gyroscope Company. (See Carter, L. F., and Spilhaus, assignors.)
Sperry Gyroscope Company. (See Chafee, E. W., and Murtagh, assignors.)
Sperry Gyroscope Company. (See Chafee, E. W. and Van Auken, assignors.)
Sperry Gyroscope Company. (See Fisk, Albert S., assignor.)
Sperry Gyroscope Company. (See Frische, Carl A., assignor.)
Sperry Gyroscope Company. (See Hodgman, Frederick S., assignor.)
Sperry Gyroscope Company. (See House, Frank R., assignor.)
Sperry Gyroscope Company. (See Kenyon, T. W., Zand, and Carlson, assignors.)
Sperry Gyroscope Company. (See Sperry, Lawrence B.)
Sperry Gyroscope Company. (See Thompson, Norman W., assignor.)
Sperry Gyroscope Company. (See Walter, Hollis, assignor.)
Sperry Gyroscope Company. (See Witham, Raymond L., assignor.)
Sperry Gyroscope Company. (See Zand, Stephen J., assignor.)
Sperry, Lawrence B., deceased, Garden City, by Sperry Gyroscope Company, Inc., mesne assignee, Brooklyn, N. Y. Automatic pilot for aircraft. Re. 21,071; May 2.
Sperry, Paul A., New Haven, Conn. Guider. 2,170,578; Aug. 22.
Sperry, Paul A., New Haven, Conn. Cloth finishing. 2,170,579; Aug. 22.
Sperry, Philmore F., assignor to Excel Auto Radiator Company, Chicago, Ill. Film winding means for cameras and the like. 2,151,536; Mar. 21.
Sperry Products, Inc. (See De Lanty, Loren J., assignor.)
Sperry Products, Inc. (See Drake, Harcourt C., assignor.)
Sperry Products, Inc. (See Knerr, H. C., and Farrow, assignors.)
Sperry Products, Inc. (See Schumacher, H., Perry, and De Lanty, assignors.)
Sperry Products, Inc. (See Trapnell, Nicholas M., assignor.)
Sperry, Ralph W. E., assignor to The Rudolph Wurlitzer Company, De Kalb, Ill. Piano action. 2,157,028; May 2.
Sperry-Sun Well Surveying Company. (See Bazzioni, C. B., and Razek, assignors.)
Sperry-Sun Well Surveying Company. (See Beattie, Clay H., Jr., assignor.)
Sperry-Sun Well Surveying Company. (See Kothny, Gottdank L., assignor.)
Sperry-Sun Well Surveying Company. (See Pearson, John M., assignor.)
Sperry-Sun Well Surveying Company. (See Smith, George A., assignor.)
Sperzel, Joseph M., Brooklyn, N. Y. Air conditioning system. 2,158,869; May 16.
Spetz, Frank F., and E. Schroedter, Baldwin, N. Y. Corner shelf. 2,182,600; Dec. 5.
Spevacek, Otto F. (See Taylor, J. G., Roché, and Spevacek.)

Spicacci, Attilio R., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Differential gearing. 2,142,575; Jan. 3.
Spicacci, Attilio R., Bristol, Conn., assignor to General Motors Corporation, Detroit, Mich. Antifriction bearing. 2,168,499; Aug. 8.
Spicer, Charles H., Lawndale, and L. Lombardi, Los Angeles, Calif. Chair. 2,177,309; Oct. 24
Spicer, Clarence W., assignor to Spicer Manufacturing Corporation, Toledo, Ohio. Axle drive for generators. 2,160,445; May 30.
Spicer Manufacturing Corporation. (See Peterson, Carl D., assignor.)
Spicer Manufacturing Corporation. (See Spicer, Clarence W., assignor.)
Spicer, William E. (See Sweeney, W. J., and Spicer.)
Spicher, Charles E., Millersburg, and F. W. Robinson, Reading, Pa. Loop-cutting attachment for rib-knitting machines. 2,167,534; July 25.
Spicks, Jacob W., Mystic, Conn. Undulating cut-pile fabric splitting machine. 2,182,883; Dec. 12.
Spiegelberg, Hans, Basel, Switzerland, assignor to Hoffman-La Roche, Inc., Nutley, N. J. Manufacture of thiazoles having a hydrogen atom in the 2-position. 2,179,984; Nov. 14.
Spiegl, Ellis H., Salinas, Calif. Lettuce-handling apparatus. 2,166,561; July 18.
Spiegler, Louis. (See Gubelmann, I., and Spiegler.)
Spielvogel, Joseph, Newark, N. J. Reproduction. 2,177,539; Oct. 24.
Spies, Andrew, Bayside, N. Y. Spreader for building concrete walls. 2,160,489; May 30.
Spiess, Georg. (See Heinrich, Gerhard, assignor.)
Spiess, Georg, Leipzig, Germany. Automatic sheet feeding device. 2,159,456; May 23.
Spiess, Georg, Leipzig, Germany. Automatic feeding device. 2,165,160; July 4.
Spiess, Georg, Leipzig, Germany. Feed table. 2,165,161; July 4.
Spiess, Georg, Leipzig, Germany. Method and device of feeding sheets to printing and other sheet working machines. 2,170,488; Aug. 22.
Spiess, Georg, Leipzig, Germany. Sheet feeding device. 2,170,489; Aug. 22.
Spiess, Georg, Leipzig, Germany. Control device for sheet feeding apparatus. 2,184,229; Dec. 19.
Spieth, Benjamin. (See Arnold, A. B., and Spieth.)
Spieth, Benjamin, assignor to Modine Manufacturing Company, Racine, Wis. Cooling unit. 2,183,593; Dec. 19.
Spieth, Karl A., Omaha, Nebr. Combined earth scraper, spreader, and dumper. 2,158,340; May 16.
Spievak, Joseph. (See Kaiser, William F., assignor.)
Spievak, Louis A., Atlanta, Ga. For Photographic type composing. 2,178,379; Oct. 31.
Spievak, Louis A., Atlanta, Ga. Phototype composing machine. 2,178,380; Oct. 31.
Spikerman, Frank T. (See Oyster, E. F., and Spikerman.)
Spikes, Robert L., assignor of one-third to F. M. Davis, Jr., and one-third to H. Johnson, Farmville, N. C. Oil-burning air heater. 2,170,735; Aug. 22.
Spikings, George W., Jr., Chicago, Ill. Carpenter's horse or trestle. 2,174,952; Oct. 3.
Spilhaus, Athelstan F. (See Carter, L. F., and Spilhaus.)
Spilios, Plato A. (See Charles, R. W., George, and Spilios.)
Spiller, William R., assignor to The White Motor Company, Cleveland, Ohio. Lubricating system for motor vehicle engines. 2,165,909; July 11.
Spillern, Otto, et al. (See Erlach, Moritz, assignor.)
Spinanger, Jacob G., West Brighton, N. Y. Air film lubrication of marine vessels. 2,145,463; Jan. 31.
Spinasse, Arthur E., Mount Vernon, Ohio. Method of and apparatus for producing sheet glass or plates. 2,173,345; Sept. 19.
Spindler, Gustav, San Francisco, Calif., assignor to Spindler & Sauppe. Rotary slide holder for projectors. 2,146,452; Feb. 7.
Spindler & Sauppe. (See Spindler, Gustav, assignor.)
Spiner, Charles B., and E. Pulaski, Houston, Tex. Bait receptacle. 2,159,718; May 23.
Spinetta, Dominique, assignor to Preparation Industrielle des Combustibles. Nogent-sur-Marne, Seine, France. Apparatus for automatically regulating the evacuation of heavy products. 2,172,299; Sept. 5.
Spini, Giacomo, St. Moritz, Switzerland. Ski shoe. 2,145,102; Jan. 24.
Spinnfaser Aktiengesellschaft. (See Schlipp, L., and Boettle, assignors.)
Spiral Binding Company. (See Catini, Vincenzo, assignor.)
Spiral Binding Co. Inc. (See Grumbacher, Walter, assignor.)
Spiral Binding Co. Inc. (See Gudis, Max, assignor.)
Spiral Locks Limited. (See Deverell, Frederick W. E., assignor.)
Spire, William H., assignor to Thompson Products, Incorporated, Cleveland, Ohio. Hydraulic machine. 2,162,132; June 13.
Spire, William H., assignor to Thompson Products, Incorporated, Cleveland, Ohio. Hydraulic force-multiplying machine. 2,162,133; June 13.
Spiro, Walter, White Plains, N. Y. Educational game apparatus. 2,181,925; Dec. 5.
Spiselman, Joseph W. (See Downs, C. R., and Spiselman.)
Spiselman, Joseph W., Mamaroneck, N. Y., and C. R. Downs, Old Greenwich, assignors to Calorider Corporation, Greenwich, Conn. Apparatus for making formed bodies of calcium chloride hydrate or analogous material. 2,154,708; Apr. 18.
Spitalny, Fred, Elizabeth, N. J. Cigarette case. 2,168,918; Aug. 8.
Spitz, Jacob J., Rochester, N. Y. Beverage cooler for bars. 2,162,649; June 13.
Spitz, Rudolph A., L. Visovatti, and O. Cobble, Milwaukee, Wis. Fishing device. 2,177,912; Oct. 31.
Spitzglass, Albert F., assignor to Republic Flow Meters Company, Chicago, Ill. Regulating apparatus and method. 2,166,077; July 11.
Spitzglass, Albert F., and O. T. Handwerk, assignors to Republic Flow Meters Company, Chicago, Ill. Recording instrument. 2,152,333; Mar. 28.
Spitzli, Donald H., Arlington, N. J., assignor to Congoleum-Nairn Inc. Covering structure. 2,148,137; Feb. 21.
Spitzli, Donald H., Arlington, and R. L. Kennedy, Plainfield, N. J., assignors to Congoleum-Nairn Inc. Composition and making same. 2,162,924; June 20.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,158,159; May 16.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 2,173,669; Sept. 19.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting and making same. 2,173,670; Sept. 19.
Splaine, Edward M., and T. C. Jarrett, assignors to American Optical Company, Southbridge, Mass. Connecting means and making same. 2,160,686; May 30.
Splittstoesser, Albert H., Kulm, N. Dak. Agricultural implement attachment. 2,152,290; Mar. 28.
Spokane Casket Company. (See Stimson, Arthur J., assignor.)
Spong, Norman C. (See Burson, Harry H., assignor.)
Sponsel, Kurt, assignor to Kalle & Co., Aktiengesellschaft, Wiesbaden, Biebrich, Germany. Producing coatings on plaster or other surfaces. 2,154,220; Apr. 11.
Sponsel, Kurt, Wiesbaden-Biebrich, and K. Daimler, Frankfort-on-the-Main-Hochst, assignors to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Washing composition. 2,184,171; Dec. 19.
Spooner, David C., Jr., Stratford, Conn., assignor to General Electric Company. Vacuum cleaner. 2,146,602; Feb. 7.
Spooner, Richard C. (See Lintern, A. R., and Spooner.)
Spooner, Richard C. (See Miller, P. J., and Spooner.)
Spooner, Talma G., Benton Harbor, Mich. Shipping crate. 2,184,854; Dec. 26.
Spordick, Louis, Brooklyn, N. Y., assignor to Surftex Inc., Jersey City, N. J. Knitting machine. 2,165,077; July 4.
Sporn, Philip, Brooklyn, and C. A. Muller, Tuckahoe, N. Y. Protective system for electric power transmission lines. 2,154,114; Apr. 11.
Sporn, Philip, Brooklyn, and C. A. Muller, Tuckahoe, N. Y., assignors to General Electric Company. Protective system for electric power transmission lines. 2,164,182; June 27.
Spornitz, Jack C. (See Bogart, Henry C., assignor.)
Sports Equipment Mfg. Corp. (See Augenblick, Jack, assignor.)
Sport-Time Inc. (See Freedman, William, assignor.)
Sportsman's Manufacturing and Distributing Company. (See Moninger, Frank M., assignor.)
Spots, Nell, Kew Gardens, N. Y. Paper cut-out. 2,170,953; Aug. 29.
Sprague, Carlton S., and R. H. George, West Lafayette, Ind., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Cathode ray deflecting electrode. 2,161,437; June 6.
Sprague, Charles A. (See Sprague, Philip T. and C. A.)
Sprague, Charles A. (See Sprague, Philip T. and C. A., and Soller.)
Sprague, Frank M., Boise, Idaho. Connecting clip for match and cigarette packages. 2,156,318; May 2.
Sprague, Hugh B., et al. (See Woodbury, Elias L., assignor.)
Sprague, Lawrence H. (See Martin, Louis F., Jr., assignor.)
Sprague, Marvin W., Wheatfield, Ind. Tension gauge and checking stake. 2,143,363; Jan. 10.
Sprague, Philip T. and C. A., and A. Soller, Michigan City, Ind. Gas analyzer. 2,179,867; Nov. 14.
Sprague, Philip T. and C. A., Michigan City, Ind. Apparatus for analyzing a gas. 2,180,322; Nov. 14.
Sprague, Robert C., Williamstown, assignor to Sprague Specialties Co., North Adams, Mass. Variable condenser. 2,179,068; Nov. 7.
Sprague Specialties Company. (See Collins, Joseph L., assignor.)
Sprague Specialties Company. (See Collins, J. L., and Teeple, assignors.)
Sprague Specialties Company. (See Knab, M., and Danziger, assignors.)
Sprague Specialties Co. (See Robinson, Preston, assignor.)
Sprague Specialties Company. (See Robinson, P., and Allison, assignors.)

Sprague Specialties Co. (See Robinson, P., and Collins, assignors.)
Sprague Specialties Co. (See Sprague, Robert C., assignor.)
Sprague Specialties Co. (See Whitby, Harvie W., assignor.)
Sprater, Adolf. (See Ehrhardt, P. G., and Sprater.)
Spratt, Hector G. M. (See Mead, J. E., and Spratt.)
Spray Base Corporation. (See O'Kane, Walter C., assignor.)
Spray, Cranston. (See Palmer, Frank D., assignor.)
Spray, Cranston, et al. (See Palmer, Frank D., assignor.)
Spray Dryer Laboratory Corporation. (See Zizinia, P. T., and McKenna, assignors.)
Spray Engineering Company. (See Thompson, Wayne B., assignor.)
Spray, Joseph H., Rutherford, N. J., assignor to United Research Corporation, Long Island City, N. Y. Composite printing of motion picture film. 2,153,211; Apr. 4.
Spray, Joseph H., Rutherford, N. J., assignor to United Research Corporation, Burbank, Calif. Composite printing apparatus for motion picture film. 2,153,212; Apr. 4.
Spreckels Sugar Company. (See Resch, William J., assignor.)
Spreng- und Tauschgesellschaft m. b. H. (See Böll, K., and Edelhoff, assignors.)
Spreng- und Tauchgesellschaft m. b. H. (See Edelhoff, Arthur, assignor.)
Sprenger, Arthur, Berlin-Halensee, Germany. Compound firing for gas-heated zone thrust furnaces. 2,147,997; Feb. 21.
Sprenger, George W. (See Cameron, D. G., and Sprenger.)
Sprigings, David A., assignor to Standard Container, Inc., Bloomfield, N. J. Spraying device. 2,155,847; Apr. 25.
Springer, Alfred J., and C. B. McMillan, Oklahoma City, Okla. Radio antenna for motor vehicles. 2,151,997; Mar. 28.
Springer, Berthold, Berlin-Schoneberg, Germany. Process and device for the production of electrolytic condensers. 2,163,213; June 20.
Springer, Ray W., Detroit, Mich. Antisqueak strip. 2,155,023; Apr. 18.
Springfield Boiler Company. (See Duram, Arthur E., assignor.)
Springfield Tablet Manufacturing Company. (See MacDonnell, James A., assignor.)
Springfield Wire & Tinsel Co. (See Hennessy, Daniel E., assignor.)
Springings, David A., assignor to Standard Container, Inc., Bloomfield, N. J. Closure cap. 2,178,085; Oct. 31.
Springtramp Eliminator Co. (See Juilfs, Albert G. and O. H., assignors.)
Spritzer, Edward, Bronx, N. Y. Toy. 2,158,639; May 16.
Sprole, Robert R. (See Lincoln, P. M., and Sprole.)
Sprott, James T. (See Visser, G. A., Deremer, and Sprott.)
Sproul, Archibald A. (See Rees, C. P., Dunn, and Sproul.)
Sproul, Donald F., Chicago, Ill., assignor to Cardwell-Westinghouse Company. Bolster spring unit. 2,155,451; Apr. 25.
Sproul, Donald F., Chicago, Ill., assignor to Cardwell-Westinghouse Company. Draft gear. 2,159,457; May 23.
Sproule, Donald O., assignor of one-half to Henry Hughes & Son, Limited, London, England. Echo sounding and means therefor. 2,167,492; July 25.
Sproule, Donald O., Ilford, assignor to Henry Hughes & Son Limited, London, England. Indicating instrument. 2,173,316; Sept. 19.
Sproull, Charles W., Houston, Tex. Valve. Re. 21,113; June 13.
Sproull, Charles W., Houston, Tex. Pump. 2,182,062; Dec. 5.
Sprout, Waldron & Company. (See Hall, William F., assignor.)
Sprunger, Ivan F., Fort Wayne, Ind. Measuring device. 2,150,082; Mar. 7.
Spun Rock Wools, Limited. (See Buss, Charles R., assignor.)
Spurlock, Fred M., Pueblo, Colo. Grass sprinkler. 2,184,901; Dec. 26.
Spyker, Ephraim K., Sacramento, Calif. Outside window screen hanger. 2,153,281; Apr. 4.
Square D Company. (See Allen, Wallace T., assignor.)
Square D Company. (See Allen, W. T., and Maseng, assignors.)
Square D Company. (See Jackson, John G., assignor.)
Square D Company. (See Jackson, J. G., and Allen, assignors.)
Square D Company. (See Jackson, J. G., and Mueller, assignors.)
Square D Company. (See Kingdon, Ralph H., assignor.)
Square D Company. (See Roby, Frank H., assignor.)
Square D Company. (See Schaefer, Carl A., assignor.)
Square D Company. (See Van Valkenburg, Hermon L., assignor.)
Square D Company. (See Wilhelm, Henry A., assignor.)
Squibb, E. R., & Sons. (See Braker, William, assignor.)
Squibb, E. R., & Sons. (See Christiansen, Walter G., assignor.)
Squibb, E. R., & Sons. (See Christiansen, W. G., and Braker, assignors.)
Squibb, E. R., & Sons. (See Earl, W., and Fleischman, assignors.)
Squibb, E. R., & Sons. (See Gerlough, Tillman D., assignor.)
Squibb, E. R., & Sons. (See Lott, William A., assignor.)
Squibb, E. R., & Sons. (See Moness, Eugene, assignor.)
Squibb, E. R., & Sons. (See Nitardy, Ferdinand W., assignor.)
Squibb, E. R., & Sons. (See Nitti, Anthony C., assignor.)
Squibb, E. R., & Sons. (See Wagner, Arno, assignor.)
Squibb, E. R., & Sons. (See Werner, S. E., and Mathisen, assignors.)
Squier, Merrill A. (See Clement, G. H., and Squier.)
Squier, Ray, Clifton Springs, N. Y. Float. 2,162,134; June 13.
Squiller, Samuel, Pittsburgh, Pa., assignor to New Jersey Machine Corporation, Hoboken, N. J. Air blower. 2,153,349; Apr. 4.
Squire, Alfred E., London, England. Filtering device. 2,171,484; Aug. 29.
Squire, Harold A. and P. J. A., New Invention, near Wolverhampton; said P. J. A. Squire assignor to M. H. Greenman, London, England. Eyelash curler. 2,159,912; May 23.
Squire, Percy J. A. (See Squire, Harold A. and P. J. A.)
Squires, John, Detroit, Mich., assignor to United Aircraft Corporation, East Hartford, Conn. Propeller blade. 2,151,243; Mar. 21.
Srogi, Ladislaw G., Elmira, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Vehicle brake. 2,177,913; Oct. 31.
Staaff, Per H., Alsten, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal separator. 2,177,082; Oct. 24.
Staaff, Per H., Alsten, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Centrifugal separator. 2,178,409; Oct. 31.
Staatsmijnen in Limburg, et al. (See Pieters, Honore A. J., assignor.)
Stabe, Raymond. (See Kounkel, Earl A., assignor.)
Staben, Emil G., Wheeler, Oreg. Ladder leg attachment. 2,177,677; Oct. 31.
Stäblein, Wilhelm, Berlin-Hermsdorf, R. Willheim, Berlin-Oberschoneweide, and W. Uebermuth, Bielefeld, Germany, assignors to General Electric Company. Reclosing circuit breaker. 2,145,741; Jan. 31.
Stacey Bros. Gas Construction Company, The. (See Einbeck, Friedrich, assignor.)
Stacey Brothers Gas Construction Company, The. (See Gruening, William E., assignor.)
Stacey, Carmen M. (See Johnson, P. C., and Stacey.)
Stacey, Cromwell, Port Angeles, Wash. Safety apparatus for motor vehicles. 2,163,988; June 27.
Stacey, Josey P. (See Paul, Edward B., assignor.)
Stacey, Valentine W. (See Stuart, J. K., Stacey, and Wylie.)
Stack, Elmer S., Arlington, Mass. Water heater. 2,159,571; May 23.
Stack, Frank T., assignor to Hat Corporation of America, Norwalk, Conn. Apparatus for the manufacture of hats. 2,178,111; Oct. 31.
Stack, John D., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Monitoring means for sound recorders. 2,166,185; July 18.
Stack, John D., assignor to Twentieth Century-Fox Film Corporation, Los Angeles, Calif. Exciter light for sound recorders. 2,166,186; July 18.
Stack, Sydney S., Schenectady, N. Y., assignor to General Electric Company. Electrical device and fabricating the same. 2,177,502; Oct. 24.
Stack, William, Susquehanna, Pa. Dual control attachment for automobiles. 2,166,978; July 25.
Stackhouse, Edwin H., West Philadelphia, Pa. Tire grooving tool. 2,157,151; May 9.
Stackpole Carbon Company, The. (See Hathorn, Clarence J., assignor.)
Stackpole Carbon Company, Inc. (See Lodge, Edmund G., assignor.)
Stackpole Carbon Company. (See Sanders, Vernon H., assignor.)
Stacom Process Corporation. (See Smull, Judson G., assignor.)
Stacy, John D., Pittsfield, Mass., assignor to General Electric Company. Electric equipment. 2,158,868; May 16.
Stacy, John D., Pittsfield, Mass., assignor to General Electric Company. Capacitor circuit. 2,166,827; July 18.
Stacy-Judd, Robert B., Hollywood, Calif. Game. 2,168,365; Aug. 8.
Stacy, Thomas F., Piqua, Ohio, and J. E. Hoy, Midland, Mich., assignors of one-half to The French Oil Mill Machinery Co., Piqua, Ohio, and one-half to The Dow Chemical Company, Midland, Mich. Casting press. 2,174,847; Oct. 3.
Stadelbauer, Walter, Dusseldorf, Germany. Truing tool for grinding wheels. 2,151,572; Mar. 21.
Stadium Manufacturing Co. Inc. (See Trageser, Charles F., assignor.)
Stadium Stores, Inc. (See Rorrer, C. E., and Mitterer, assignors.)

Stadler, Robert. (See Baumann, P., Krapp, Schilling, and Stadler.)
Stadler, Robert, Heidelberg, and K. Haberl, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Continuous production of polymerization products of acetylene. 2,145,058; Jan. 24.
Stadler, Robert, Heidelberg, K. Ackermann, Mannheim, and E. Lehrer, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of butadiene. 2,145,059; Jan. 24.
Stadt, Henry M. (See Clayton, B., Kerrick, Stadt, and Thurman.)
Staedtler, J. S. (See Kreutzer, Karl, assignor.)
Staehelin, Emil R. (See Ekbom, H. N., Korensky, and Staehelin.)
Staehle, G., Kommanditgesellschaft. (See Eisenlohr, Friedrich, assignor.)
Staehle, Henry C., assignor to Eastman Kodak Company, Rochester, N. Y. Transparency mount. 2,184,007; Dec. 19.
Staerk, Hermann. (See Voss, A., and Staerk.)
Staffel, Wilhelm. (See Arndt, F., Rausch, and Staffel.)
Stafford, Charles E. (See Dreyfus, H., Finlayson, and Stafford.)
Stafford, Earl. (See Harford, C. G., and Stafford.)
Stafford, Earl, North Reading, Mass., assignor to Z Pack Corporation, Jersey City, N. J. Defrosting and refreezing apparatus. 2,145,323; Jan. 31.
Stageberg, Sterling O., assignor to Sterling Engineering, Inc., Red Wing, Minn. Clutch. 2,144,089; Jan. 17.
Stager, Henry G. (See Masters, O. M., and Stager.)
Staggers, William F., Mannington, W. Va. Safety hitch. 2,157,639; May 9.
Staggs, James M., Tulsa, Okla. Refrigerating apparatus. 2,156,668; May 2.
Stagl, Rodolphe, Brussels, Belgium. Sculptural, architectural, and like objects. 2,149,191; Feb. 28.
Stagl, Rodolphe, Brussels, Belgium. Telescope. 2,165,158; July 4.
Stagmeier, Arthur F., Montclair, N. J., assignor to General Foods Corporation, New York, N. Y. Treating nuts. 2,156,406; May 2.
Stahl, C. R. (See Knight, Jesse L., assignor.)
Stahl, Frank E., deceased, Tonawanda, N. Y.; L. M. Stahl, administratrix. Traction device. 2,146,453; Feb. 7.
Stahl, John, Stelton, C. Reed, Newark, and H. Fischer, East Orange, assignors to The Fairlie & Wilson Coal Company, Newark, N. J. Safety control means for oil burners. 2,142,530; Jan. 3.
Stahl, Lillie M., administratrix. (See Stahl, Frank E.)
Stahlhammer, Eric J., assignor to The Bodine Corporation, Bridgeport, Conn. Threading spindle. 2,161,265; June 6.
Stahlman, Russell, et al. (See Montgomery, T. C., and Schempp.)
Stahly, Eldon E., and E. M. Hattox, Baton Rouge, La., assignors to Standard Oil Development Company. Production of liquid saturated hydrocarbons. 2,180,374; Nov. 21.
Stahmer, Bernhardt, assignor to H. B. Graham, Omaha, Nebr. Light device for inspecting sealed transparent containers. 2,174,848; Oct. 3.
Stahn, Albert, Hanover, Germany. Arc lamp. 2,156,360; May 2.
Stain, Ray W., Brooklyn, assignor to The Western Union Telegraph Company, New York, N. Y. Photoelectric message detector. 2,150,467; Mar. 14.
Stainbrook, Clyde E., Memphis, Tenn. Portable advertising device. 2,174,047; Sept. 26.
Stainbrook, Clyde E., Memphis, Tenn. Baking pan. 2,182,215; Dec. 5.
Stakmore Co. (See Geller, Roscoe G., assignor.)
Staley, A. E., Manufacturing Company. (See Langlois, David P., assignor.)
Staley, A. E., Manufacturing Company. (See Mackey, Alexander S., assignor.)
Staley, Daniel E., Whittier, Calif. Attachable closure cap for collapsible tubes. 2,145,560; Jan. 31.
Staley, Joseph H., Columbus, Ind. Mercury tube switch. 2,155,024; Apr. 18.
Staley, Joseph H., Columbus, Ind. Baffled mercury switch. 2,182,216; Dec. 5.
Staley, Marcellus, Brooklyn, N. Y. Elevator control means. 2,173,289; Sept. 19.
Staley, Russell U., Portland, Oreg. Umbrella handle. 2,166,562; July 18.
Staley, William K., Morton, Pa., assignor to Anthracite Industries, Inc., New York, N. Y. Combination coal-fed water heater. 2,174,901; Oct. 3.
Stalfort, John A., Baltimore, Md. Apparatus for raising roofs. 2,160,446; May 30.
Stalker, Edward A., Ann Arbor, Mich. Pumping machinery. 2,177,159; Oct. 24.
Stalkfleet, Harry A., Lawrence, Kans., assignor of one-half to L. Stalkfleet, Muscatine, Iowa, and one-fourth to D. F. Reed, Lawrence, Kans. Can handling fork. 2,151,281; Mar. 21.
Stalkfleet, Lee, et al. (See Stalkfleet, Harry A., assignor.)
Stall, Augustus G., Oakland, Calif. Tooth brush. 2,175,487; Oct. 10.
Stallmann, Otto, South Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of vat dyestuffs. 2,150,109; Mar. 7.
Stallmann, Otto, South Milwaukee, and W. M. Wentz, Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the dibenzanthrone series. 2,148,042; Feb. 21.
Stallmann, Otto, Bridgeton, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Reduction products of bz-2, bz-2′-dihydroxy-dibenzanthrone and preparing the same. 2,183,625; Dec. 19.
Stallmann, Otto, Bridgeton, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the dibenzanthrone series. 2,183,626; Dec. 19.
Stallmann, Otto, Bridgeton, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the dibenzanthrone series. 2,183,627; Dec. 19.
Stallmann, Otto, Bridgeton, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Alkyl esters of leuco dibenzanthrone. 2,183,628; Dec. 19.
Stallmann, Otto, Bridgeton, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the dibenzanthrone series. 2,183,629; Dec. 19.
Stallmann, Otto, Bridgeton, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the dibenzanthrone series. 2,183,630; Dec. 19.
Stalter, Waldo T., and M. M. Latta, assignors to Western Rubber Company, Goshen, Ind. Nonkinking hose. 2,143,960; Jan. 17.
Stam, Jesse, Cambridge, assignor to Fairclough & Gold, Inc., Boston, Mass. Curtain. 2,156,231; Apr. 25.
Stamatoff, Gelu S., Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of vinyl acetate. 2,182,528; Dec. 5.
Stambaugh, Paul H., assignor to Union Starch and Refining Company, Columbus, Ind. Heating and insulating means for tank cars. 2,145,614; Jan. 31.
Stamberg, Charles J., Cicero, assignor to North Shore Coke & Chemical Company, Chicago, Ill. Working ores of vanadium and uranium. 2,176,610; Oct. 17.
Stamets, William K. (See Hibbard, Robert L.)
Stamford Trust Company, The, executor. (See Bott, George R.)
Stamm, Erich, Berlin, Germany. Combination tea strainer and drop catcher. 2,156,517; May 2.
Stamm, Frederick C., Lockport, N. Y. Device for indicating the presence of noncondensable gases in steam systems. 2,160,004; May 30.
Stamp, Alice E. (See Stamp, Floyd R., assignor.)
Stamp, Floyd R., assignor to A. E. Stamp, Wabash, Ind. Molding tray. 2,146,236; Feb. 7.
Stamp, Floyd R., Wabash, Ind. Manufacture of frozen confections. 2,151,282; Mar. 21.
Stamp, Floyd R., Wabash, Ind. Popsicle freezing device. 2,175,324; Oct. 10.
Stamper, F. M., Company. (See Stamper, Howard H., assignor.)
Stamper, Howard H., assignor to F. M. Stamper Company, Moberly, Mo. Preserving eggs. 2,160,604; May 30.
Stampfli, Joseph G. (See Fordyce, C. R., and Stampfli.)
Stampfli, Wendell P., Monahans, Tex. Circular swing. 2,150,612; Mar. 14.
Stanard, Charles H., Flint, assignor to General Motors Corporation, Detroit, Mich. Remote control for transmissions. 2,175,449; Oct. 10.
Stancampianno, Anthony R., and P. A. Geraci, Pittsburgh, Pa. Metal base. 2,178,501; Oct. 31.
Stanchfield, Therese, Los Angeles, assignor of one-half to M. W. Samelson and E. M. Samelson, Roscoe, Calif. Garment snap. 2,162,275; June 13.
Stancil, Fred C., Altoona, assignor to Alabama Tractor and Plow Company, Walnut Grove, Ala. Tractor cultivator. 2,157,273; May 9.
Stancliff, Clifton L., Bakersfield, Calif. Valve seat. 2,165,311; July 11.
Stancliff, Thomas H., assignor to Reed Roller Bit Company, Houston, Tex. Drilling bit. 2,184,129; Dec. 19.
Stancliffe, Cecil W., London, assignor of one-half to Winget Limited, Rochester, Kent, England. Reciprocating pump. 2,180,128; Nov. 14.
Stancliffe Free-Wheeling Limited. (See Warwick, Arthur J., assignor.)
Stanco, Incorporated. (See Lebo, Robert B., assignor.)
Stanco, Incorporated. (See Nelson, Franklin C., assignor.)
Stanco Inc. (See Rose, William H., assignor.)
Standage, Charles A. G., London, England. Drive equalizing coupling. 2,145,532; Jan. 31.
Standard Alcohol Company. (See Archibald, Francis M., assignor.)
Standard Alcohol Company. (See Beamer, Clayton M., assignor.)
Standard Alcohol Company. (See Beamer, C. M., and Hooton, assignors.)
Standard Alcohol Co. (See Brooks, Benjamin T., assignor.)
Standard Alcohol Company. (See Gilliland, Edwin R., assignor.)
Standard Brands Incorporated. (See Braun, Géza, assignor.)

Standard Brands Incorporated. (See Freilich, J., and Frey, assignors.)
Standard Brands Incorporated. (See Gore, H. C., Kirby, and Frey, assignors.)
Standard Brands Incorporated. (See Light, R. F., and Frey, assignors.)
Standard Brands Incorporated. (See Lockey, James, assignor.)
Standard Brands Incorporated. (See Miller, G. E., and Light, assignors.)
Standard Brands Incorporated. (See Schultz, A., Atkin, and Frey, assignors.)
Standard Brands Incorporated. (See Webber, George R., assignor.)
Standard Brands Incorporated. (See Webber, G. R., and Baxter, assignors.)
Standard Brands Incorporated. (See Webber, G. R., Fleischer, and von Hofe, assignors.)
Standard Brands Incorporated. (See Williams, Roger J.)
Standard Cap and Seal Corporation. (See Brinton, Christian H., assignor.)
Standard Car Truck Company. (See Webb, Edwin W., assignor.)
Standard Commercial Tobacco Company. (See Andrews, Andrew T., assignor.)
Standard Container, Inc. (See Fitch, John, assignor.)
Standard Container, Inc. (See Sprigings, David A., assignor.)
Standard Conveyor Company. (See Eggleston, Smith, assignor.)
Standard Conveyor Company. (See Maltby, Edward H., assignor.)
Standard Electric Manufacturing Corporation. (See Pierson, Charles A., assignor.)
Standard Electric Time Company, The. (See Dorsett, Leonard P., assignor.)
Standard Envelope Manufacturing Company, The. (See Bezzenberger, Frederick K., assignor.)
Standard Forge Company. (See Clausen, Charles, assignor.)
Standard Foundry Company. (See Jagersberger, Joseph W., assignor.)
Standard Franco-Americaine de Raffinage. (See Schlageter, August, assignor.)
Standard Furniture Company. (See Rhodes, Ernest, assignor.)
Standard Gage Company. (See Aldeborgh, E. H., and Emery, assignors.)
Standard Gage Company. (See Emery, Alfred H., assignor.)
Standard Gas Equipment Corporation. (See O'Dowd, Henry W., assignor.)
Standard-I. G. Company. (See Frolich, Per K., assignor.)
Standard-I. G. Company. (See Pier, M., and Donath, assignors.)
Standard-I. G. Company. (See Pier, M., and Eisenhut, assignors.)
Standard-I. G. Company. (See Pier, M., Simon, and Donath, assignors.)
Standard-I. G. Company. (See Pier, M., Simon, and Eisenhut, assignors.)
Standard-I. G. Company. (See Pier, M., Simon, and Jacob, assignors.)
Standard I. G. Co. (See Sweeney, William J., assignor.)
Standard-Knapp Corporation. (See Kimball, W. D., Braren, and Mosley, assignors.)
Standard-Knapp Corporation. (See Novotny, Anton, assignor.)
Standard Lime and Stone Company. (See Nicholas, Isaac A., assignor.)
Standard Mailing Machines Company. (See Storck, Frederick W., assignor.)
Standard Mailing Machines Company. (See Storck, F. W., and Franson, assignors.)
Standard Mailing Machines Company. (See Trueman, P. T., and Chase, assignors.)
Standard Mfg. Co. (See Batcheller, Hugh W., assignor.)
Standard Mirror Company. (See La Hodny, William, assignor.)
Standard Mirror Company. (See La Hodny, W., and Bertell, assignors.)
Standard Novelty Works. (See Maneval, Charles H., assignor.)
Standard Oil Company. (See Anderson, John A., assignor.)
Standard Oil Company. (See Arveson, Maurice H., assignor.)
Standard Oil Company. (See Bachi, John, assignor.)
Standard Oil Company. (See Bahlke, W. H., and Scheineman, assignors.)
Standard Oil Company. (See Boyd, George A., assignor.)
Standard Oil Company. (See Bransky, David W., assignor.)
Standard Oil Company. (See Brown, Arthur B., assignor.)
Standard Oil Company. (See Brown, A. B., and Diwoky, assignors.)
Standard Oil Company. (See Brueckmann, F. G., and Roesch, assignors.)
Standard Oil Company. (See Buckeridge, William I., assignor.)
Standard Oil Company, The. (See Burk, Robert E., assignor.)
Standard Oil Company, The. (See Burk, R. E., and Hughes, assignors.)
Standard Oil Company. (See Burk, R. E., and Whitacre, assignors.)
Standard Oil Company. (See Forrest, H. O., and Van Horn, assignors.)
Standard Oil Company. (See Geddes, R. L., and Thiele, assignors.)
Standard Oil Company. (See Gerhart, H. L., and Arveson, assignors.)
Standard Oil Company. (See Gerhart, H. L., and Hull, assignors.)
Standard Oil Company. (See Harris, Donald A., assignor.)
Standard Oil Company. (See Hillman, Endocen H., assignor.)
Standard Oil Company, The. (See Hughes, Everett C., assignor.)
Standard Oil Company. (See Humphreys, Robert E., assignor.)
Standard Oil Company. (See Keith, P. C., Jr., and Forrest, assignors.)
Standard Oil Company. (See Keith, P. C., Jr., Wilson, and Livingston, assignors.)
Standard Oil Company. (See Loane, Clarence M., assignor.)
Standard Oil Company. (See Loane, C. M., and Shoemaker, assignors.)
Standard Oil Company. (See Loetscher, Daniel G., assignor.)
Standard Oil Company. (See MacLaren, Frederick H., assignor.)
Standard Oil Company. (See MacLaren, F. H., and Adams, assignors.)
Standard Oil Company, The. (See McConnell, Elliott B., assignor.)
Standard Oil Company. (See McNulty, G. M., and Adams, assignors.)
Standard Oil Company. (See McNeil, Claude P., assignor.)
Standard Oil Company, The. (See Musselman, John M., assignor.)
Standard Oil Company, The. (See Musselman, J. M., and Lankelma, assignors.)
Standard Oil Company. (See Page, James M., Jr., assignor.)
Standard Oil Company. (See Parkhurst, George L., assignor.)
Standard Oil Company. (See Plummer, William B., assignor.)
Standard Oil Company. (See Roberts, J. K., Forrester, and Diwoky, assignors.)
Standard Oil Company. (See Rogers, M. C., Brueckmann, and Roesch, assignors.)
Standard Oil Company. (See Rogers, T. H. and Shoemaker, assignors.)
Standard Oil Company. (See Rogers, T. H., Loane, and Shoemaker, assignors.)
Standard Oil Company. (See Ruthruff, Robert F., assignor.)
Standard Oil Company. (See Schroeder, Carl J., assignor.)
Standard Oil Company. (See Shoemaker, B. H., and Batchelder, assignors.)
Standard Oil Company. (See Shoemaker, B. H., and Loane, assignors.)
Standard Oil Company. (See Shoemaker, Bernard H., assignor.)
Standard Oil Company, The. (See Spaulding, David C., Jr., assignor.)
Standard Oil Company. (See Steininger, Herbert M., assignor.)
Standard Oil Company. (See Sullivan, Frederick W., Jr., assignor.)
Standard Oil Company. (See Sullivan, F. W., Jr., and Ruthruff, assignors.)
Standard Oil Company. (See Thiele, Ernest W., assignor.)
Standard Oil Company. (See Voorhees, Vanderveer, assignor.)
Standard Oil Company, The. (See Whitacre, Charles H., assignor.)
Standard Oil Company (Indiana). (See Voorhees, Vanderveer, assignor.)
Standard Oil Company of California. (See Cope, John Q., assignor.)
Standard Oil Company of California. (See Folsom, Leon T., assignor.)
Standard Oil Company of California. (See Green, W. A., and Rolle, assignors.)
Standard Oil Company of California. (See Halloran, R. A., and Lyman, assignors.)
Standard Oil Company of California. (See Hampton, W. H., and Gay, assignors.)
Standard Oil Company of California. (See Humphreys, Robert L., assignor.)
Standard Oil Company of California. (See Johnston, Archibald P., assignor.)
Standard Oil Company of California. (See Lyman, A. L., Nichols, and Mithoff, assignors.)
Standard Oil Company of California. (See Lyman, Arthur L., assignor.)
Standard Oil Company of California. (See Neely, G. L., and Kavanagh, assignors.)
Standard Oil Company of California. (See Neely, G. L., Kavanagh, and Farrington, assignors.)

Standard Oil Company of California. (See Neely, George L., assignor.)
Standard Oil Company of California. (See Postlewaite, William R., assignor.)
Standard Oil Company of California. (See Putnam, Joseph F., assignor.)
Standard Oil Company of California. (See Putnam, J. F., and Edwards, assignors.)
Standard Oil Company of California. (See Rutherford, J. T., and Francis, assignors.)
Standard Oil Company of California. (See Shiffler, W. H., and Anderson, assignors.)
Standard Oil Company of California. (See Shiffler, W. H., and Holm, assignors.)
Standard Oil Company (Ohio), The. (See Ambrosius, George M., assignor.)
Standard Oil Company (Ohio), The. (See Burk, R. E., and Hughes, assignors.)
Standard Oil Company (Ohio), The. (See Hughes, Everett C., assignor.)
Standard Oil Company (Ohio), The. (See Irven, William, assignor.)
Standard Oil Company (Ohio), The. (See Lankelma, Herman P., assignor.)
Standard Oil Development Company. (See Archibald, Francis M., assignor.)
Standard Oil Development Company. (See Baldeschwieler, Emile L., assignor.)
Standard Oil Development Company. (See Bannon, Lewis A., assignor.)
Standard Oil Development Company. (See Blau, Ludwig W., assignor.)
Standard Oil Development Company. (See Blau, L. W., and Bryan, assignors.)
Standard Oil Development Company. (See Blau, L. W., and Lewis, assignors.)
Standard Oil Development Company. (See Blau, L. W., and Statham, assignors.)
Standard Oil Development Company. (See Blau, L. W., Mounce, and Rust, assignors.)
Standard Oil Development Company. (See Blau, L. W., Thompson, and Mounce, assignors.)
Standard Oil Development Company. (See Boucher, Frank G., assignor.)
Standard Oil Development Company. (See Bryan, Andrew B., assignor.
Standard Oil Development Company. (See Buc, Hyym E., assignor.)
Standard Oil Development Company. (See Buc, H. E., and Gleason, assignors.)
Standard Oil Development Company. (See Cross, Thomas, Jr., assignor.)
Standard Oil Development Company. (See Dawson, Oliver H., assignor.)
Standard Oil Development Company. (See Ellis, Carleton, assignor.)
Standard Oil Development Company. (See English, E. F., and Voorhies, assignors.)
Standard Oil Development Company. (See Fasce, E. V., and Owen, assignors.)
Standard Oil Development Company. (See Fasce, E. V., and Rolfs, assignors.)
Standard Oil Development Company. (See Frolich, P. K., and Wasson, assignors.)
Standard Oil Development Company. (See Gaylor, Peter J., assignor.)
Standard Oil Development Company. (See Gilliland, E. R., and Rosen, assignors.)
Standard Oil Development Company. (See Gleason, Anthony H., assignor.)
Standard Oil Development Company. (See Gleason, A. H., and Rosen, assignors.)
Standard Oil Development Company. (See Harris, J. McA., Jr., and Matherne, assignors.)
Standard Oil Development Company. (See Haslam, Robert T., assignor.)
Standard Oil Development Company. (See Hewlett, A. P., and Phillips, assignors.)
Standard Oil Development Company. (See Kuhl, Paul E., assignor.)
Standard Oil Development Company. (See Langmyhr, George J., assignor.)
Standard Oil Development Company. (See Laughlin, Kenneth C., assignor.)
Standard Oil Development Company. (See Lewis, Warren K., assignor.)
Standard Oil Development Company. (See Lieber, E., and Sadlon, assignors.)
Standard Oil Development Company. (See Lieber, E., and Smyers, assignors.)
Standard Oil Development Company. (See Lyon, Scott C., assignor.)
Standard Oil Development Company. (See Mann, Matthew D., Jr., assignor.)
Standard Oil Development Company. (See Mateer, G. L., and Rupp, assignors.)
Standard Oil Development Company. (See Mikeska, Louis A., assignor.)
Standard Oil Development Company. (See Mikeska, L. A., and Lieber, assignors.)
Standard Oil Development Company. (See Mikeska, L. A., and Rosen, assignors.)
Standard Oil Development Company. (See Miller, F. L., and Smith, assignors.)
Standard Oil Development Company. (See Morway, A. J., and Miller, assignors.)
Standard Oil Development Company. (See Morway, A. J., and Zimmer, assignors.)
Standard Oil Development Company. (See Murphree, Eger V., assignor.)
Standard Oil Development Company. (See Murphree, E. V., and Reeves, assignors.)
Standard Oil Development Company. (See Murphree, E. V., and Sweeney, assignors.)
Standard Oil Development Company. (See Nichols, H. J. Jr., and Mateer, assignors.)
Standard Oil Development Company. (See Otto, M. (and Schneider, assignor).)
Standard Oil Development Company. (See Peck, Edward B., assignor.)
Standard Oil Development Company. (See Pokorny, Oldrich S., assignor.)
Standard Oil Development Company. (See Pokorny, O. S., and Gurd, assignors.)
Standard Oil Development Company. (See Read, Chester L., assignor.)
Standard Oil Development Company, et al. (See Read, C. L., and Broidrick, assignors.)
Standard Oil Development Company. (See Richardson, Roger W., assignor.)
Standard Oil Development Company. (See Rosen, Raphael, assignor.)
Standard Oil Development Company. (See Rosen, R., and Thomas, assignors.)
Standard Oil Development Company. (See Russell, Robert P., assignor.)
Standard Oil Development Company. (See Schneider, H. G., and Smyers, assignors.
Standard Oil Development Company. (See Skrepinsky, Constantin, assignor.)
Standard Oil Development Company. (See Slotterbeck, O. C., and Rosen, assignors.)
Standard Oil Development Company. (See Smyers, William H., assignor.)
Standard Oil Development Company. (See Sparks, W. J., and Muessig, assignors.)
Standard Oil Development Company. (See Stahly, E. E., and Hattox, assignors.)
Standard Oil Development Company. (See Steik, Karl T., assignor.)
Standard Oil Development Company. (See Sweeney, William J. assignor.)
Standard Oil Development Company. (See Sweeney, W. J., and Laughlin, assignors.)
Standard Oil Development Company. (See Sweeney, W. J. and Spicer, assignors.)
Standard Oil Development Company. (See Thomas, Robert M., assignor.)
Standard Oil Development Company. (See Thwaites, Herman L., assignor.)
Standard Oil Development Company. (See Tilton, J. A., and Richardson, assignors.)
Standard Oil Development Company. (See Tuttle, John B., assignor.)
Standard Oil Development Company. (See Uhrig, Leo V., assignor.)
Standard Oil Development Company. (See Vesterdal, Hans G., assignor.)
Standard Oil Development Company. (See Voorhies, Alexis, Jr., assignor.)
Standard Oil Development Company. (See Warner, J. P., and Voorhees, assignors.)
Standard Oil Development Company. (See Wasson, J. I., and Davis, assignors.)
Standard Oil Development Company. (See Whiteley, James M., assignor.)
Standard Oil Development Company. (See Whiteley, J. M., and Beiswenger, assignors.)
Standard Oil Development Company. (See Whiteley, J. M., and Vesterdal, assignors.)
Standard Oil Development Company. (See Wiezevich, Peter J., assignor.)
Standard Oil Development Company. (See Wiezevich, P. J., and Rosen, assignors.)
Standard Oil Development Company. (See Wiezevich, P. J., and Wasson, assignors.)
Standard Oil Development Company. (See Williams, Milton, assignor.)
Standard Oil Development Company. (See Zimmer, J. C., and Crutchfield, assignors.)
Standard Oil Development Company. (See Zimmer, J. C., and Holtzclaw, assignors.)
Standard Pressed Steel Co. (See Hallowell, H. T., and Bennett, assignors.)
Standard Process Corporation. (See Ballard, Ernest S., assignor.)
Standard Process Corporation. (See Ericksson, Emil, assignor.)
Standard Process Corporation. (See Henderson, Charles L., assignor.)
Standard Products Company, The. (See Husted, Harry R., assignor.)
Standard Products Company, The. (See Reid, James S., assignor.)
Standard Products Company, The. (See Tegarty, John B., assignor.)
Standard Pyrometric Cone Company. (See Bole, G. A., and Co Van, assignors.)

Standard Pyrometric Cone Company. (See Co Van, H. E., and Bole, assignors.)
Standard Railway Equipment Manufacturing Company. (See Bikle, William E., assignor.)
Standard Railway Equipment Manufacturing Company. (See Bonsall, Charles D., assignor.)
Standard Railway Equipment Manufacturing Company. (See Comee, Joseph F., assignor.)
Standard Railway Equipment Manufacturing Company. (See Crede, Charles E., assignor.)
Standard Railway Equipment Manufacturing Company. (See Gilpin, Garth G., assignor.)
Standard Railway Equipment Manufacturing Company. (See Hawksworth, David W., assignor.)
Standard Railway Equipment Manufacturing Company. (See Jumper, F. J., and Gilpin, assignors.)
Standard Railway Equipment Manufacturing Company, et al. (See Nystrom, Karl F., assignor.)
Standard Railway Equipment Manufacturing Company. (See Sisson, Vinton E., assignor.)
Standard Railway Equipment Manufacturing Company. (See Stone, Walter C., assignor.)
Standard Railway Equipment Manufacturing Company. (See Thompson, William D., assignor.)
Standard Railway Equipment Manufacturing Company. (See Thompson, W. D., and Hawksworth, assignors.)
Standard Railway Equipment Manufacturing Company. (See Vaughn, John E., assignor.)
Standard Railway Equipment Manufacturing Company. (See West, Victor E., assignor.)
Standard Railway Equipment Manufacturing Company. (See Zeidler, Kurt E., assignor.)
Standard Railway Refrigerator Company. (See Baillie, Wallace E., assignor.)
Standard Roofing Company. (See Weber, William C., assignor.)
Standard Screw Company. (See Corlett, Webster D., assignor.)
Standard Specialty & Tube Company. (See Kenah, Roland M., assignor.)
Standard Stoker Company, The. (See Davison, Charles R., assignor.)
Standard Stoker Company, The. (See Graves, John R., assignor.)
Standard Stoker Company, The. (See Hogg, Francis, assignor.)
Standard Stoker Company, The. (See Kress, Joseph J., assignor.)
Standard Stoker Company, The. (See Lower, N. M., and Surdy, assignors.)
Standard Stoker Company, The. (See Martin, Eugene, assignor.)
Standard Stoker Company, The. (See McCurdy, James W., assignor.)
Standard Stoker Company, The. (See Roesch, Frank P., assignor.)
Standard Stoker Company, The. (See Stein, Charles M., assignor.)
Standard Stoker Company, The. (See Surdy, Charles J., assignor.)
Standard Stoker Company, The. (See Surdy, C. J., and Turner, assignors.)
Standard Stoker Company, The. (See Turner, Edwin A., assignor.)
Standard Stoker Company, The. (See Turner, E. A., and Davidson, assignors.)
Standard Stoker Company, The. (See Turner, E. A., and Surdy, assignors.)
Standard Supercharger Corporation. (See Kowitt, Jerome H., assignor.)
Standard Transformer Company, The. (See Haig, Lealdas W., assignor.)
Standard Window Shade Company et al. (See Burdett, Leroy, assignor.)
Standish, John F., Winthrop, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Pressure mechanism for fastening-inserting machines. 2,151,054; Mar. 21.
Standish, John F., Winthrop, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Heel-pressure mechanism. 2,180,438; Nov. 21.
Standish, John F., Winthrop, and L. S. Macdonald, Beverly, Mass., assignors to United Shoe Machinery Corporation, Paterson, N. J. Fastening-distributing mechanism. 2,155,568; Apr. 25.
Standish, John F., Winthrop, and L. S. Macdonald, Beverly, Mass., assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Fastening-inserting machine. 2,178,615; Nov. 7.
Standish, John F., Winthrop, and L. S. Macdonald, Beverly, Mass., assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Clutch. 2,178,616; Nov. 7.
Standlee, Alonzo, Handley, Tex., assignor to Industrial Patents Corporation, Chicago, Ill. Linking gauge. 2,163,920; June 27.
Standlee, Harvey R., Tulsa, Okla., assignor to The Guiberson Corporation, Dallas, Tex. Well swab. 2,144,944; Jan. 24.
Standop, Wilhelm. (See Köhler, F., Rouette, and Standop.)
Stanek, Josef, Berlin-Siemensstadt, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Device for measuring high-frequency currents. 2,182,324; Dec. 5.
Stang, John W., Hollis, N. Y. Well point. 2,149,874; Mar. 7.
Stange, William J., assignor to Wm. J. Stange Company, Chicago, Ill. Seasoning composition. 2,170,954; Aug. 29.
Stange, William J., Company. (See Stange, William J., assignor.)
Stangenberg, Johan W. H., Brevik, Sweden, W. S. Crowell, Melrose Park, and C. V. Gross, Penfield; said Crowell and said Gross assignors to The S. S. White Dental Manufacturing Company, Philadelphia, Pa. Plastic hydrocolloid composition and making. 2,165,680; July 11.
Stanick, Samuel, Marlboro, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Stop mechanism for fastening-inserting machines. 2,175,227; Oct. 10.
Stanius, Godfrey, Cicero, assignor to Acme Steel Company, Chicago, Ill. Conveyer belt. 2,165,422; July 11.
Stanley, Charles H., assignor of one-third to T. A. Turner, San Diego, Calif. Stereoscopic device. 2,169,397; Aug. 15.
Stanley, Charles J., Chicago, Ill., assignor of one-half to J. T. Welch, Dowagiac, Mich. Tiled wall and tile therefor. 2,151,447; Mar. 21.
Stanley, Frederic, New York, N. Y. Toy machine gun. 2,170,221; Aug. 22.
Stanley, George E., Coventry, England. Plate clutch. 2,150,083; Mar. 7.
Stanley, George W. (See Jackson, T., and Stanley.)
Stanley, Herbert M. (See Langwell, H., and Stanley.)
Stanley, Herbert M., Tadworth, G. Minkoff, Epsom, and J. E. Youell, Wallington, England. Production of condensation products of aromatic hydrocarbons with unsaturated aliphatic hydrocarbons. 2,143,493; Jan. 10.
Stanley, Julian C. (See Longdin, H. W., and Stanley.)
Stanley, Leopold G., Maplewood, N. J. Toilet or utility case of leather or like material. 2,146,657; Feb. 7.
Stanley, Leopold G., Maplewood, N. J. Leather utility box. 2,146,658; Feb. 7.
Stanley Manufacturing Company, The. (See Hacker, Owen E., assignor.)
Stanley, Marvin L., Denver, Colo. Cut-out machine. 2,142,620; Jan. 3.
Stanley, Nathan M., Dayton, Ohio. Synthetic resin magnifying glass. 2,151,573; Mar. 21.
Stanley Patents, Inc. (See Seifer, Morton E., assignor.)
Stanley, Richard W., assignor to Merritt Engineering & Sales Co., Inc., Lockport, N. Y. Automatic diaphragm press. 2,172,002; Sept. 5.
Stanley, Richard W., and E. H. Merritt, assignors to Merritt Engineering and Sales Co., Inc., Lockport, N. Y., Platen press. 2,172,003; Sept. 5.
Stanley Works, The. (See Morse, Walter R., assignor.)
Stanley Works, The. (See Raymond, Horace H., assignor.)
Stanley Works, The. (See Roby, Sheldon S., assignor.)
Stanley Works, The. (See Sanford, Robert V., assignor.)
Stanley Works, The. (See Stowell, Austin L., assignor.)
Stanley Works, The. (See Stowell, A. L., and Volz, assignors.)
Stanley Works, The. (See Volz, Frederick A., assignor.)
Stannard, Benjamin F., assignor of forty per cent to A. B. Leavelle, Los Angeles, Calif. Closure controlling device. 2,164,358; July 4.
Stannard, Jay, Troy, N. Y. Portable display rack. 2,159,233; May 23.
Stanolind Oil and Gas Company. (See Bays, George S., assignor.)
Stanolind Oil and Gas Company. (See Clark, Joseph B., assignor.)
Stanolind Oil & Gas Company. (See Dunn, Thomas H., assignor.)
Stanolind Oil and Gas Company. (See Hawley, Paul F., assignor.)
Stans, Maurice, et al. (See Madigan, John F., assignor.)
Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Timing control. 2,146,863; Feb. 14.
Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for electric welder and other circuits. 2,152,608; Mar. 28.
Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for circuit interrupters. 2,159,298; May 23.
Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Welding timer. 2,173,921; Sept. 26.
Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for electric welder and other circuits. 2,181,351; Nov. 28.
Stansbury, Carroll, Wauwatosa, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Circuit controller. 2,182,241; Dec. 5.
Stansbury, Carroll, Wauwatosa, and A. Simon, assignors to Cutler-Hammer, Inc., Milwaukee, Wis. Measuring instrument. 2,149,558; Mar. 7.
Stant Manufacturing Company. (See Johnson, Glen A., assignor.)
Stanton, Charles I., and E. O. Seaquist, Washington, D. C., assignors to the Government of the United States of America, as represented by the Secretary of Commerce. Illuminating system. 2,147,679; Feb. 21.
Stanton, James H., Vancouver, British Columbia, Canada. Preserve base. 2,161,238; June 6.

Stanton Myles. (See Hubbard, A. B., and Stanton.)
Stanton, Samuel J., Chicago, Ill. Dual bathtub control. 2,171,133; Aug. 29.
Stanton, Samuel J., Chicago, Ill. Bus. 2,173,770; Sept. 19.
Stanton, Samuel J. S., Chicago, Ill. Elevated bathtub. 2,173,185; Sept. 19.
Stanworth, James. (See Stanworth, Stephen and J.)
Stanworth, Stephen, and J., Burnley, England. Gas fired furnace. 2,180,774; Nov. 21.
Staples, Crawford E., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Remote controlling apparatus. 2,156,707; May 2.
Staples, Dana R., Ridley Park, Del. Engine speed and reverse control. 2,163,895; June 27.
Staples, Otis E., and T. F. Carlin, assignors to The Cleveland Hobbing Machine Company, Cleveland, Ohio. Hobbing machine. 2,154,056; Apr. 11.
Stapleton, Victor, assignor to The Texas Company, New York, N. Y. Cracking hydrocarbon oil. 2,168,074; Aug. 1.
Stapleton, Victor, Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Treatment of hydrocarbon oils. 2,185,041; Dec. 26.
Stapley, Philip H., Stratford, assignor to Bridgeport Brass Company, Bridgeport, Conn. Adjustable venting control for air valves. 2,150,136; Mar. 7.
Stapling Machines Co. (See Rosenmund, Alfred L., assignor.)
Stapling Machines Co. (See Stivers, Earl R., assignor.)
Star Drilling Machine Company. (See Heinish, George, assignor.)
Star Expansion Bolt Company. (See Hungerford, Daniel C., assignor.)
Star Expansion Bolt Company. (See Mushet, James C., assignor.)
Starck, Clemens B. (See Nadeau, G. F., and Starck.)
Starck, Werner. (See Bockmühl, M., Middendorf, and Starck.)
Starck, Werner, Hofheim in Taunus, and H. Freudenberger, Frankfort-on-the-Main-Nied, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparing polymeric products. 2,158,311; May 16.
Staresina, Charles S., Cleveland, Ohio. Shoe sole protecting device. 2,182,949; Dec. 12.
Stark, David D. (See Edwars, T. O., Jr., and Stark.)
Stark, Fred, Hawthorne, N. J. Three-dimension picture device. 2,151,055; Mar. 21.
Stark, Halworth E. (See Scholl, W. M., and Stark.)
Stärk, Hermann. (See Nuesslein, J., von Finck, and Stärk.)
Stärk, Hermann, Bad Soden, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Fuel-resisting material. 2,160,372; May 30.
Stark, Levi O. (See Speicher, P. J., and Stark.)
Stark, Milton, and F. Sutton, assignors to Stark Tube Company, Toronto, Ontario, Canada. Radio tube tester. 2,179,565; Nov. 14.
Stark, Nathan I., Jersey City, N. J. Card system. 2,156,551; May 2.
Stark, Rawson E. (See Hedrick, G. H., Myers, and Stark.)
Stark, Rawson E. (See Meiselman, L., and Stark.)
Stark Tube Company. (See Stark, M., and Sutton, assignors.)
Stark, William H., Langhorne, Pa. Manufacture of bag handles and bags combined therewith. 2,150,043; Mar. 7.
Starke, Anton A., assignor of twenty-five per cent to G. Casci, twenty per cent to G. Casci, twenty per cent to E. Starke, and ten per cent to D. Cassettari, Reno, Nev. Tube inflating device. 2,149,797; Mar. 7.
Starke, Elizabeth, et al. (See Starke, Anton A., assignor.)
Starkey, William C. (See Krick, A., and Starkey.)
Starkey, William C., Indianapolis, Ind., assignor of one-half to A. E. Krick. Well-drilling bit. 2,149,798; Mar. 7.
Starkweather, Gail C., Kenmore, and L. L. Haas, assignors to Buffalo Pressed Steel Company, Buffalo, N. Y. Muffler. 2,150,811; Mar. 14.
Starkweather, Gail C., and L. L. Haas, assignors to Buffalo Pressed Steel Company, Inc., Youngstown, Ohio. Muffler. 2,157,029; May 2.
Starkweather, Gail C., and L. L. Haas, Youngstown, Ohio, assignors to Buffalo Pressed Steel Company, Inc., Buffalo, N. Y. Exhaust muffling means. 2,157,030; May 2.
Starkweather, Gail C., Kenmore, and L. L. Haas, assignors to Buffalo Pressed Steel Company, Inc., Buffalo, N. Y. Muffler. 2,176,615; Oct. 17.
Starkweather, Howard W. (See Carter, A. S., and Starkweather.)
Starkweather, Howard W., New Castle County, and A. M. Collins, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization of halogen containing unsaturated compounds and products produced thereby. 2,163,250; June 20.
Starline, Inc. (See Ferris, Robert G., assignor.)
Starnes, Garnett R., Kansas City, and C. A. Melchert, Drexel, assignors to Calder Sales Corporation, Kansas City, Mo. Vending apparatus. 2,154,388; Apr. 11.
Starobin, Joseph. (See Bennett, H., and Starobin.)
Starr, Charles E., deceased, by E. M. Starr, administratrix, Inglewood, Calif., assignor to Perfecto Gear Differential Co., Bellingham, Wash. Speed change axle and Oiling the same. 2,178,900; Nov. 7.
Starr, Eva M., administratrix. (See Starr, Charles E.)
Starr, Jacob G. (See Sifers, O. K., and Starr.)
Starr, James H., Oak Park, assignor to Electrical Engineers Equipment Co., Melrose Park, Ill. Oil switch. 2,145,140; Jan. 24.
Starr, James H., Oak Park, assignor to Electrical Engineers Equipment Co., Melrose Park, Ill. Trip mechanism for oil switches. 2,145,141; Jan. 24.
Starr, Leo R., Chatham, Ontario, Canada. Duplicator. 2,146,998; Feb. 14.
Starr, Oscar L., Mission San Jose, assignor to Caterpillar Tractor Co., San Leandro, Calif. Fluid transfer mechanism. 2,145,533; Jan. 31.
Starr, Oscar L., Mission San Jose, assignor to Caterpillar Tractor Co., San Leandro, Calif. Fitting and making same. 2,150,524; Mar. 14.
Starr, Oscar L., Mission San Jose, assignor to Caterpillar Tractor Co., San Leandro, Calif. Compression ignition engine. 2,155,776; Apr. 25.
Starr, Oscar L., Mission San Jose, and G. W. Lewis, assignors to Caterpillar Tractor Co., San Leandro, Calif. Fuel injection mechanism. 2,159,360; May 23.
Starr, Oscar L., Mission San Jose, W. Grothe, Alameda, Calif., and H. S. Eberhard, Peoria, Ill., assignors to Caterpillar Tractor Co., San Leandro, Calif. Endless track mechanism. 2,168,053; Aug. 1.
Starr, Paul F., New Bethlehem, Pa. Lingerie pin. 2,159,572; May 23.
Starr, Raymond H., C. Masters, and C. K. Litman, Kansas City, assignors to Koch Butchers' Supply Company, North Kansas City, Mo. Refrigerated case. 2,152,291; Mar. 28.
Starrett, L. S., Company, The. (See Hagopian, Avides, assignor.)
Starrett, L. S., Company, The. (See Sisson, James G., assignor.)
Starring, David S., Greens Farms, and G. B. Horn, Fairfield, assignors to Wheeler Insulated Wire Company, Bridgeport, Conn. Wire drawing. 2,158,038; May 9.
Starring, David S., Greens Farms, and G. B. Horn, Fairfield, assignors to Wheeler Insulated Wire Company, Bridgeport, Conn. Enameling machine. 2,184,704; Dec. 26.
Star-Service Hanger Company. (See Coney, Arthur F., assignor.)
Star-Service Hanger Company. (See Coney, James D., assignor.)
Star-Service Hanger Company. (See Ruen, Henry C., assignor.)
Star-Service Hanger Company. (See Young, Leonard A., assignor.)
Start, Ernest. (See Start, Harry W. and E.)
Start, Harry W., Carlton, and E. Start, Wilford, England. Straight-bar knitting machine. 2,156,611; May 2.
Start, Harry W., Carlton, and E. Start, Wilford, assignors to George Blackburn and Sons Limited, Nottingham, England. Straight bar knitting machine. 2,143,613; Jan. 10.
Stasinski, Joseph. (See Biskup, Leopold, assignor.)
Stassinet, Theodor, Dinslaken, Germany. Continuous heating furnace. 2,150,613; Mar. 14.
Stastny, John, Rogers, Tex. Coupling pin. 2,180,558; Nov. 21.
States Company, The. (See Blakeslee, Henry J., assignor.)
Statham, Francis S. (See Piggott, H. A., and Statham.)
Statham, Harry R. (See Hellmann, F. A., and Statham.)
Statham, Louis. (See Blau, L. G., and Statham.)
Stathem, Vereau L., Riverdale, Calif. Sickle bar assembly. 2,156,745; May 2.
Stathem, Vereau L., Riverdale, Calif. Can handling tool. 2,165,159; July 4.
Stathopoulo, Epi A., assignor to Epiphone, Inc., New York, N. Y. Neck construction of stringed musical instruments. 2,148,589; Feb. 28.
Stationers Loose Leaf Company. (See Lotter, Adolph G., assignor.)
Stator Corporation. (See Comstock, Daniel F., assignor.)
Stator Corporation. (See Gulick, Russell A., assignor.)
Stator Corporation. (See Tibbetts, Raymond W., assignor.)
Stator Corporation. (See Weaver, Eastman A., assignor.)
Stator Corporation. (See Whitney, Lyman F., assignee.)
Stator Corporation. (See Whitney, Lyman F. and W. E., assignors.)
Stator Corporation. (See Whitney, William E., assignor.)
Stäubli, Gebr. & Co. (See Stäubli, Hugo, assignor.)
Stäubli, Hugo, assignor to Gebr. Stäubli & Co., Horgen, Canton of Zurich, Switzerland. Dobby with more than one pattern-card cylinder. 2,180,777; Nov. 21.
Staud, Cyril J., and G. H. Keyes, assignors to Eastman Kodak Company, Rochester, N. Y. Hardening photographic gelatin and emulsion layers. 2,172,300; Sept. 5.
Staude, Edwin G., Minneapolis, Minn. Power means for automotive accessory actuation. 2,179,236; Nov. 7.
Staude, Edwin G., assignor of one-half to O. B. Staude, Minneapolis, Minn. Obtaining and controlling fluid pressure. 2,168,719; Aug. 8.
Staude, Olive B. (See Staude, Edwin G., assignor.)

Staudinger, Hanns P. (See Auden, H. A., Staudinger, and Hutchinson.)
Staudinger, Hanns P., Ewell, England, assignor to The Distillers Company Limited, Edinburgh, Scotland. Manufacture of unsaturated acids. 2,183,325; Dec. 12.
Staudt, Ambrose W., Kenmore, N. Y., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic material and preparing same. 2,159,108; May 23.
Staudt, Anna R. (See Staudt, Carl E., assignor.)
Staudt, Carl E., Indianapolis, Ind., assignor, by mesne assignments, to said C. E. Staudt and A. R. Staudt, joint owners with the right of survivorship. Articulated display device. 2,166,572; July 18.
Staufert, Carl, Stuttgart-Bad Cannstatt, Germany. Spindle and spindle bearing. 2,168,247; Aug. 1.
Staufert, Carl, Stuttgart-Bad Cannstatt, Germany. Device ancillary to spinning spindles and the like. 2,168,248; Aug. 1.
Staufert, Carl, Stuttgart-Bad Cannstatt, Germany. Brake for spinning or twisting spindles. 2,168,249; Aug. 1.
Stauffen, Frederick C. (See Griffith, Arthur L., assignor.)
Stauffer Chemical Company. (See Mohr, Albert C., assignor.)
Stauffer, Edward J., and A. Knosher, Naperville, assignors to Kroehler Mfg. Co., Chicago, Ill. Studio bed. 2,146,864; Feb. 14.
Stauffer, Edward J., and A. Knosher, assignors to Kroehler Mfg. Co., Naperville, Ill. Studio bed. 2,146,865; Feb. 14.
Stauffer, Harry G. (See Edgar, D. E., and Stauffer.)
Stauffer, Jay W., East McKeesport, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control device. 2,184,568; Dec. 26.
Stauss, Henry E., Maplewood, and J. G. Ogden, Kearny, assignors to Baker & Company, Inc., Newark, N. J. Furnace. 2,145,324; Jan. 31.
Stava, Robert J., East Cleveland, assignor to Picker X-Ray Corporation Waite Manufacturing Division, Inc., Cleveland, Ohio. X-ray apparatus. 2,179,357; Nov. 7.
Staveley, Wilford, assignor to Heywood-Wakefield Company, Gardner, Mass. Reversing car-seat base. 2,174,953; Oct. 3.
Staynew Filter Corporation. (See Dollinger, Lewis L., assignor.)
Stearn, John T. (See Groggins, P. H., Stearn, and Makower.)
Stearns, Frederick, & Company. (See Sahyun, Melville, assignor.)
Stearns, Freeman R., assignor to The Carrom Company, Ludington, Mich. Label mounting for stamps or printing blocks and the like. 2,169,507; Aug. 15.
Stearns, Freeman R., assignor to The Carron Company, Ludington, Mich. Game board and apparatus for use therewith. 2,180,439; Nov. 21.
Stearns-Roger Manufacturing Company, The. (See Daley, Gustave J., assignor.)
Stearns-Roger Manufacturing Company, The. (See Mason, J. E., and Ballou, assignors.)
Stearns, Sheldon, Westfield, N. J. Crushing machinery. 2,147,721; Feb. 21.
Stearns, Sheldon, Westfield, N. J. Crushing machinery. 2,181,571; Nov. 28.
Steatit-Magnesia Aktiengesellschaft. (See Alberg-Schönberg, Ernst, assignor.)
Steatit-Magnesia Aktiengesellschaft. (See Otto, Franz, assignor.)
Steatit-Magnesia Aktiengesellschaft. (See Riepka, Hellmuth C., assignor.)
Steatit-Verkaufsgesellschaft A. G. (Steatite Trading Ltd.), Basel, Switzerland. (See Isler, Ernst, assignor.)
Stebbe, Gus. (See Goltz, Gus, assignor.)
Stebbing, John N., Jr., Washington, D. C. Life saving device. 2,169,142; Aug. 8.
Stebbins, Harry Y., Los Angeles, Calif., assignor to General American Precooling Corporation, Chicago, Ill. Refrigerating unit. 2,180,915; Nov. 21.
Stebbins, Herbert A., et al., trustees. (See Dahl, Edward T., assignor.)
Stebbins, Vern O., Camas, Wash. Folding table. 2,177,295; Oct. 24.
Stebler, Fred, Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Fruit treating machine. 2,179,474; Nov. 7.
Stebler, Fred, Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Fruit handling machine. 2,179,868; Nov. 14.
Stebler, Fred, Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Fruit sizer. 2,180,559; Nov. 21.
Stechbart, Bruno, assignor to The Bell & Howell Company, Chicago, Ill. Projection lamp house and lamp mounting adapted therefor. 2,165,681; July 11.
Stechbart, Bruno, and G. A. Brueske, assignors to The Bell & Howell Company, Chicago, Ill. Intermittent strip feed mechanism and the like. 2,168,054; Aug. 1.
Stecher, Henry D., Lakewood, assignor to The Weatherhead Company, Cleveland, Ohio. Fitting and making same. 2,152,102; Mar. 28.
Stecher, Joseph L., Wilmington, Del., and H. H. Parker, Penns Grove, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Combination valve and enclosure plate for high pressure reaction vessels. 2,170,353; Aug. 22.
Steck, Leo V. (See Deanesly, R. M., Williams, and Steck.)
Steck, Leo V., Piedmont, and F. A. Bent, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Synthetic resin coating compositions. 2,145,464; Jan. 31.
Steck, Paul C., Staten Island, N. Y. Furnace. 2,147,803; Feb. 21.
Stedman, Harry E., Des Moines, Iowa. Changeable sign. 2,153,850; Apr. 11.
Stedman, Jacob C., Memphis, Tenn. Cashier machine. Re. 21,096; May 23.
Stedman, Theodore W., assignor to Resilent Products Corporation, New York, N. Y. Tie plate arrangement for railroads. 2,155,155; Apr. 18.
Stedronsky, Victor L. (See Gaus, G. E., and Stedronsky.)
Steed, Boyd C., Salisbury, and H. B. Wentz, Statesville, N. C. Power roller for compacting materials used in various types of surfacing. 2,164,845; July 4.
Steel Heddle Manufacturing Company. (See Hassold, Victor C., assignor.)
Steel Heddle Manufacturing Company. (See Kaufmann, Frank H., assignor.)
Steel Heddle Manufacturing Company. (See Kaufmann, John J., assignor.)
Steel Products Engineering Company, The. (See McAdams, J. E., and Burton, assignors.)
Steel Products Engineering Company, The. (See Scholl, Clark, assignor.)
Steel Sanitary Company, The. (See Clark, Harold W., assignor.)
Steel Stamping Company, The. (See Bregman, Harry, assignor.)
Steel & Tubes, Inc. (See Black, William A., assignor.)
Steel Wheel Corporation, The. (See Kliesrath, Victor W., assignor.)
Steeldraulic Brake Corporation. (See Sneed, John.)
Steele, Alexis P., Statesville, N. C. Velocipede. 2,183,471; Dec. 12.
Steele, Carmi J., Maywood, and R. C. Troeger, Los Angeles, Calif., assignors to Briggs Manufacturing Company, Detroit, Mich. Bathtub. Re. 21,019; Feb. 28.
Steele, Charles E., Olean, and J. Beck, Buffalo, N. Y. Artificial limb. 2,170,580; Aug. 22.
Steele, Edwin G. (See Sutton, H. M. and Steele.)
Steele, Eugene W., Sewaren, and F. A. Morin, Fords, N. J., assignors to American Smelting and Refining Company, New York, N. Y. Material handling mechanism. 2,182,857; Dec. 12.
Steele, Francis E. (See Stephens, J. P., Rader, Steele, and Flood.)
Steele, Francis E., Shreveport, La., assignor to Phillips Petroleum Company. Pump. 2,171,410; Aug. 29.
Steele, James R. (See Moore, G. L., and Steele.)
Steele, James W., Kansas City, Mo. Collar supporting means. 2,149,192; Feb. 28.
Steele, James W., Kansas City, Mo. Accessory for garment finishing tables. 2,154,291; Apr. 11.
Steele, James W., Kansas City, Mo. Collar support. 2,155,065; Apr. 18.
Steele, James W., Kansas City, Mo. Collar-blocking means. 2,172,857; Sept. 12.
Steele, James W., Kansas City, Mo. Moisture-applying device. 2,174,393; Sept. 26.
Steele, James W., North Kansas City, Mo. Electric iron. 2,182,683; Dec. 5.
Steele, Norman O. (See Crane, E. V., and Steele.)
Steele, Walter R., Lemon Grove, Calif. Electrical testing instrument. 2,156,319; May 2.
Steele, William L., near Seattle, Wash. Warm air heating system. 2,144,129; Jan. 17.
Steen, Harford K., Newburgh, N. Y. Shopping bag. Re. 21,228; Oct. 3.
Steen, Harry S., assignor to The Chicago Faucet Company, Chicago, Ill. Drinking fountain. 2,177,444; Oct. 24.
Steenbock, Fred W. (See Naegel, W. P., and Steenbock.)
Steeneck, Robert. (See Anderson, J. N., and Steeneck.)
Steeneck, Robert, New York, and R. F. Dirkes, Jamaica, assignor to The Western Union Telegraph Company, New York, N. Y. Sports clock. 2,176,438; Oct. 17.
Steenhoff, Rolf, Stockholm, Sweden. Cap closure seal. 2,164,957; July 4.
Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Rack for refrigerator cabinets. 2,155,284; Apr. 18.
Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Refrigerator. 2,169,115; Aug. 8.
Steenstrup, Christian, Schenectady, N. Y., assignor to General Electric Company. Food storage receptacle for refrigerators. 2,177,540; Oct. 24.
Steffen, Clarence, Cold Spring, Ky. Doubletree. 2,156,883; May 2.
Steffen, Elmer G., Cleveland, Ohio. Valve structure. 2,183,825; Dec. 19.
Steffen, Erich M., Berlin, Germany, assignor, by mesne assignments, of three-fourths to Tide Water Associated Oil Company, New York, N. Y. Lubricant. 2,142,219; Jan. 3.
Steffen, Erich M., Jersey City, N. J., and J. E. Schott, assignors, by mesne assignments, of three-fourths to Tide Water Associated Oil Company, New York, N. Y. Lubricant. 2,142,220; Jan. 3.
Steffen, Jacob, St. Matthews, Ky. Braille writer. 2,155,777; Apr. 25.

Steffen, Otto, Apparatebau. (See Briese, Fritz, assignor.)
Steffensen, Percy L., Cornwall, Pa., assignor to Bethlehem Steel Company. Magnetic separator. 2,160,628; May 30.
Steffes, Charles F. (See Carnes, C. T., Steffes, Wright, and Comer.)
Stegeman, Henry J., Fairfield, assignor to The Locke Steel Chain Company, Bridgeport, Conn. Conduit for lawn mower motors. 2,172,992; Sept. 12.
Steger Furniture Mfg. Co. (See Trabucco, Vincent R., assignor.)
Stegmeier, Charles, Grimes, Calif. Gear-shifting mechanism. 2,170,736; Aug. 22.
Stehling, Joseph J., Milwaukee, Wis. Leather splitting machine. 2,154,115; Apr. 11.
Steigerwald, Christian. (See Koeberle, K., Rohland, and Steigerwald.)
Steik, Karl T., Montclair, N. J., assignor to Standard Oil Development Company. Recovering ketenes and reaction products thereof. 2,184,963; Dec. 26.
Steimel, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Receiver noise quieting circuits. 2,159,753; May 23.
Steimel, Karl, and R. Urtel, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Amplifier circuit. 2,144,349; Jan. 17.
Stein, A., & Company. (See Bullinger, Conrad, assignor.)
Stein, Abraham I. (See Bell, C. H., Deitz, and Stein.)
Stein, Albert A., Cold Spring, Minn. Electrical reversing controller-remotely adjustable. 2,164,958; July 4.
Stein, Alexander, Ventnor, N. J. Automatic illuminated glass holder. 2,177,337; Oct. 24.
Stein, Berthold, Brooklyn, N. Y. Apparatus for making coffee beverages. 2,143,585; Jan. 10.
Stein, Charles M., Paris, France, assignor to The Standard Stoker Company, Inc., New York, N. Y. Locomotive stoker. 2,169,534; Aug. 15.
Stein, Doris D., Cedar Rapids, Iowa. Carton. 2,178,730; Nov. 7.
Stein, Eberhard. (See Schmelzer, A., and Stein.)
Stein, Elias, Boston, Mass. Needle lubricator. 2,183,659; Dec. 19.
Stein, George W., Los Angeles, Calif. Necktie. 2,153,650; Apr. 11.
Stein, Gustav A. (See Engels, W. H. and Stein.)
Stein, Gustav A., Elizabeth, N. J., assignor, by mesne assignments, to Research Corporation, New York, N. Y. Preparing 2-methyl-5-chlor-methyl-6-amino pyrimidine hydrochloride. 2,184,964; Dec. 26.
Stein, Hall Manufacturing Company. (See Bauer, Hans F., assignor.)
Stein, Hall Manufacturing Company. (See Bauer, Hans F. and J. V., and Hawley, assignors.)
Stein, Hall Manufacturing Company. (See Bauer, H. F., and Gardner, assignors.)
Stein, Hall & Company. (See Caesar, George V., assignor.)
Stein, Harold J., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Heat treating furnace. 2,149,245; Feb. 28.
Stein, Harry I. (See Gertler, Samuel E., assignor.)
Stein, Irving, Monticello, N. Y. Clipping device. Re. 21,192; Aug. 29.
Stein, Irving M., assignor to Leeds & Northrup Company, Philadelphia, Pa. Mechanical relay apparatus. 2,167,010; July 25.
Stein, Irving M., assignor to Leeds & Northrup Company, Philadelphia, Pa. Method of and apparatus for determining characteristics of dielectrics. 2,178,617; Nov. 7.
Stein, Irwin G., Columbus, Ohio. Friction applying means for typographical machine assembler slides. 2,153,283; Apr. 4.
Stein, Jacob, New York, N. Y. Fabric. 2,144,667; Jan. 24.
Stein, John A., Richmond Hill, N. N., assignor to American Machine & Foundry Company. Cut-off for cigarette making machines. 2,169,598; Aug. 15.
Stein, Joseph A. (See Vayda, L. L., and Stein.)
Stein, Leo, East Orange, N. J., and J. F. Walsh and H. C. Needle, Chicago, Ill.; said Walsh and said Needle assignors to American-Maize-Products Company. Manufacture of sirups. 2,179,203; Nov. 7.
Stein, Leonhard. (See Bockmühl, M., Ehrhart, and Stein.)
Stein, Oscar, St. Paul, Minn., assignor to United States Gypsum Company, Chicago, Ill. Roofing element. 2,174,098; Sept. 26.
Stein, Otto. (See Bruson, H. A., and Stein.)
Stein, William, and R. C. Price, New York, N. Y. Minnow catcher. 2,165,516; July 11.
Steinbach, Hans B., assignor to The Realistic Permanent Wave Machine Company, Cincinnati, Ohio. Protector clamp. 2,149,234; Feb. 28.
Steinbacher, Friedrich, et al. (See Schuftan, P., and Steinbacher, assignors.)
Steinbacher, Karl, Portsmouth, Ohio. Cinder notch cooler. 2,169,060; Aug. 8.
Steinbacher, Karl, Portsmouth, Ohio. Tuyère. 2,178,654; Nov. 7.
Steinberg, Amata, born Klingenberg, Berlin-Schmargendorf, Germany. Cloth. 2,151,448; Mar. 21.
Steinberger, Alfred J., Jamaica, N. Y., assignor to Celanese Corporation of America. Textile article. 2,153,351; Apr. 4.

Steinberger, Alfred J., Jamaica, N. Y., assignor to Celanese Corporation of America. Wearing apparel. 2,153,352; Apr. 4.
Steinberger, Irwin, assignor to Aris Gloves, Inc., New York, N. Y. Glove. 2,157,836; May 9.
Steinbiss, Carl H., assignor to Lyons-Magnus, Incorporated, San Francisco, Calif. Fruit pitting machine. 2,180,647; Nov. 21.
Steinbrunn, Gustav. (See Hopff, H., and Steinbrunn.)
Steindel, Joseph, East Chicago, Ind. Pneumatic tire. 2,155,206; Apr. 18.
Steindorff, Adolf. (See Hubert, F. E., Heisenberg, Steindorff, and Orthner.)
Steindorff, Adolf, and G. Balle, Frankfort-on-the-Main, K. Horst, Hofheim in Taunus, and H. Schild, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. C-Aliphatic isocyclic amines N-substituted by oxyaliphatic radicals. 2,161,322; June 6.
Steindorff, Adolf, G. Balle, and P. Heimke, Frankfort-on-the-Main, and K. Horst, Hofheim-in-Taunus, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Agents of capillary activity. 2,167,325; July 25.
Steindorff, Adolf, G. Balle, and P. Heimke, Frankfort-on-the-Main, and K. Horst, Hofheim-in-Taunus, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Agents of capillary activity. 2,167,326; July 25.
Steinen, William, South Orange, N. J. Implement handle. 2,151,449; Mar. 21.
Steinen, William, South Orange, N. J. Dresser set utensil. 2,175,709; Oct. 10.
Steiner, Carl, Heilbronn, Germany, assignor to American Lurgi Corporation, New York, N. Y. Manufacturing cast bearings from light metal alloys. 2,171,229; Aug. 29.
Steiner, Ernest. (See Lemire, E. A., and Steiner.)
Steiner, Frank, Hempstead, N. Y. Engine valve. 2,153,284; Apr. 4.
Steiner, Frank G., Chicago, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Dispensing cabinet and means for mounting a supply roll therein. 2,169,399; Aug. 15.
Steiner, Frank G., Chicago, Ill., assignor to Steiner Sales Company, Salt Lake City, Utah. Paper package. 2,170,540; Aug. 22.
Steiner, Frank G., Chicago, and R. G. Birr, Lombard, Ill., assignors to Steiner Sales Company, Salt Lake City, Utah. Towel dispensing apparatus. 2,172,482; Sept. 12.
Steiner, Hans, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Output control of floating piston engine gas plants. 2,147,935; Feb. 21.
Steiner, Hans, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Floating piston engine plant. 2,163,767; June 27.
Steiner, Hans, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Control system for free stroke piston engines. 2,182,063; Dec. 5.
Steiner, Joseph, Willimantic, Conn. Stretch roll. 2,169,169; Aug. 8.
Steiner, Leo W., et al. (See Meltzer, Jessie, assignor.)
Steiner, Leo, Budapest, Hungary. Sharpening metal strips. 2,164,959; July 4.
Steiner, Lloyd, Princeton, N. J. Tooth brush. 2,175,975; Oct. 10.
Steiner, Otto, Berlin-Spandau, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Film feeding device. 2,152,221; Mar. 28.
Steiner Sales Company. (See Grunwald, Albert C., assignor.)
Steiner Sales Company. (See Birr, Rudolph G., assignor.)
Steiner Sales Company. (See Grunwald, Albert C., assignor.)
Steiner Sales Company. (See Steiner, Frank G., assignor.)
Steiner Sales Company. (See Steiner, F. G., and Birr, assignors.)
Steiner Sales Company. (See West, Merle J., assignor.)
Steiner, Stanley L., Chicago, Ill. Dental instrument. 2,184,105; Dec. 19.
Steiner, Waldo L. (See Lincoln, B. H., and Steiner.)
Steiner, Waldo L. (See Lincoln, B. H., Steiner, and Henriksen.)
Steinert, Emil, Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding transformer. 2,175,927; Oct. 10.
Steinert, Emil, Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Welding system. 2,175,928; Oct. 10.
Steinert, Emil F., Sharon, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Movable cord alternating-current arc welder. 2,157,871; May 9.
Steinert, Johannes, Hanover, assignor to Dr. Ing. e. h. Eduard Dyckerhoff, Blumenau, near Wunstorf, Germany. Device for mixing fibrous material with binders, such as plaster, cement, magnesite, and the like. 2,164,044; June 27.
Steinfels, Maurice H., New York, N. Y. Baker's peel. 2,174,334; Sept. 26.
Steingruber, George, Huntsville, Ala. Electric oven. 2,177,230; Oct. 24.

Steinhardt, Curt. (See Lorenz, W., and Steinhardt.)
Steinhardt, Irving, New York, N. Y. Puzzle. 2,178,190; Oct. 31.
Steinhauer, William L., assignor to Cen-Tennial Cotton Gin Co., Columbus, Ga. Adjustable discharge slide for cotton feeders. 2,168,500; Aug. 8.
Steinherz, Desider, Great Neck, N. Y. Aqueous wood preserving liquid. 2,152,160; Mar. 28.
Steinhilber, Herman, Whitestone, Long Island, N. Y. Scooper attachment for scrapers. 2,146,317; Feb. 7.
Steinhoff, John, Chicago, Ill., assignor, by mesne assignments, to William A. Fairlie. Direction finder or course indicator. 2,182,950; Dec. 12.
Steinhour, Phillip C., Kemmerer, Wyo. Circuit closer for stoker alarms. 2,147,220; Feb. 14.
Steininger, Herbert M., Kansas City, Mo., assignor to Standard Oil Company. Treating hydrocarbon products. 2,144,276; Jan. 17.
Steinkamp, Albert L., Fort Wayne, Ind. Variable gear. 2,157,776; May 9.
Steinkamper, Bernhard, Karlsruhe, Baden, Germany. Filling and sealing flat bags. 2,169,542; Aug. 15.
Steinlein, Gustav, Forsthaus, Mainberg, near Schweinfurt, and L. Bruckmoser, Schweinfurt, Germany. Motor driven freewheel brake hub for bicycles. 2,171,810; Sept. 5.
Steinlein, Gustav, Forsthaus, Mainberg, near Schweinfurt, and L. Bruckmoser, Schweinfurt, Germany. Freewheel brake hub driven by a motor mounted in the driving wheel. 2,171,811; Sept. 5.
Steinlein, Gustav, Mainberg, near Schweinfurt, and L. Bruckmoser, Schweinfurt, Germany. Air-cooled bicycle motor. 2,179,764; Nov. 14.
Steinmann, Emile, assignor to the firm Schild & Co., S. A., La Chaux De Fonds, Switzerland. Electric motor. 2,149,559; Mar. 7.
Steinmayer, Alwin G. (See Earle, R. H., and Steinmayer.)
Steinmayer, Alwin G. (See Schultz, W. O., and Steinmayer.)
Steinmayer, Alwin G., Milwaukee, assignor to Line Material Company, South Milwaukee, Wis. Expulsion fuse. 2,160,464; May 30.
Steinmetz, Julius, Winthrop, assignor of one-half to M. Hoffman, Dorchester, Mass. Adjustable window conservatory. 2,156,746; May 2.
Steinthal, Augustus, New York, N. Y. Sample binder. 2,153,399; Apr. 4.
Steinthal, Martin, New York, N. Y. Sample holder. 2,177,914; Oct. 31.
Steinvig, Lennex S. (See Rhodes, Taylor C., assignor.)
Steioff, Arthur F. (See Hock, A., and Steioff.)
Steliers Neyret-Beylier & Piccard-Pictet. (See Danel, Pierre F., assignor.)
Stell, Herbert L., Cleveland, Ohio. Garment hanger. 2,153,439; Apr. 4.
Stellingwerf, Peter, Orange City, Iowa. Jar holder. 2,153,943; Apr. 11.
Stellitano, Joseph, Long Island City, N. Y. Milk can filler. 2,168,055; Aug. 1.
Stelzer, Frank E., Lynbrook, N. Y. Pump. 2,155,452; Apr. 25.
Stelzer, William, Detroit, Mich. Steering booster. 2,151,998; Mar. 28.
Stember, Bernard, East Orange, N. J., and H. Weinstein, New York, N. Y., assignors to Progressive Leather Goods Co., West New York, N. J. Billfold. 2,154,826; Apr. 18.
Stember, Ferne, East Orange, N. J. Container. 2,155,999; Mar. 28.
Stemen, William R. (See Urbain, O. M., and Stemen.)
Stemm, Jean L., New York, N. Y., assignor to Wm. H. Horstmann Company, Philadelphia, Pa. Knitting method. 2,142,767; Jan. 3.
Stempel, Herman K., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Pencil eraser. 2,177,466; Oct. 24.
Stempel, Herman K., assignor to W. A. Sheaffer Pen Company, Fort Madison, Wis. Writing instrument. 2,180,560; Nov. 21.
Stempel, Laszlo M. (See Hamilton, A. E., and Stempel.)
Stemper, Leo N., Detroit, Mich., assignor to The Murray Corporation of America. Preparing padding for inner trim panels. 2,155,875; Apr. 25.
Stenberg, Knut E. B., assignor to Associated Attleboro Manufacturers, Inc., Attleboro, Mass. Spring holding clip for use in radios and other devices. 2,154,537; Apr. 18.
Stenberg, Knut E. B., assignor to Associated Attleboro Manufacturers, Inc., Attleboro, Mass. Knock-down cabinet assembly. 2,158,641; May 16.
Stenberg, Knut E. B., assignor to Associated Attleboro Manufacturers, Attleboro, Mass. Combination integral transparent member and escutcheon frame. 2,160,762; May 30.
Stendrup, Harry A., et al. (See Shropshire, Leslie P., assignor.)
Stenersen, Albert H., assignor to The Wahl Company, Chicago, Ill. Fountain pen. 2,142,531; Jan. 3.
Stenersen, Albert H., assignor to The Wahl Company, Chicago, Ill. Fountain pen. 2,142,532; Jan. 3.
Stenersen, Albert H., assignor to The Wahl Company, Chicago, Ill. Fountain pen. 2,142,533; Jan. 3.
Stenersen, Albert H., Chicago, Ill. Fountain pen. 2,153,651; Apr. 11.
Stenersen, Albert H., assignor to The Wahl Company, Chicago, Ill. Mechanical pencil. 2,158,991; May 16.
Stenman, Henrik F., administrator. (See Nystrom, Carl W.)
Stenning, C. E. (See Kistner, Merrill M., assignor.)
Stenquist, Robert J., Kalama, Wash. Fireplace. 2,165,661; July 11.
Stensgaard, W. L., & Associates, Inc. (See Young, Paul H., assignor.)
Stenson, Adolph, Elbow Lake, Minn. Protective coating. 2,167,317; July 25.
Stephan, Arthur, assignor to J. E. Reinecker Aktiengesellschaft, Chemnitz, Germany. Slideway for wheel carriages of gear-grinding machines. 2,168,275; Aug. 1.
Stephan, Henry G., Chicago, Ill. Tank magnet. 2,184,199; Dec. 19.
Stephan, Ray C. (See Ohme, W. F., and Stephan.)
Stephano Brothers. (See Brightwell, Robert R., assignor.)
Stephano, Constantine S., Elkins Park, Pa. Cigarette rod forming mechanism. 2,163,414; June 20.
Stephano, Constantine S., Elkins Park, Pa. Regulator and indicator for cigarette making machines. 2,163,415; June 20.
Stephany, Edward, Pittsford, N. Y. Bottle closure. 2,177,310; Oct. 24.
Stephen, George J., Richmond Hill, N. Y. Fishing lure. 2,170,067; Aug. 22.
Stephens-Adamson Mfg. Co. (See Kendall, Myron A., assignor.)
Stephens, Benjamin F., Tulsa, Okla. Floor furnace. 2,162,410; June 13.
Stephens, Benjamin F., Tulsa, Okla. Forced air heating furnace. 2,162,411; June 13.
Stephens, Clarence L., Bayside, assignor to Stephens Products Co., Inc., New York, N. Y. Picture projecting device. 2,146,237; Feb. 7.
Stephens, George W. (See Schafer, F. W., and Stephens.)
Stephens, Henry, Oakland, W. Va. Mining cutter. 2,148,309; Feb. 21.
Stephens, Henry C., assignor to Natural Food Products Company, Orange, Calif. Method and means for deaerating liquid food products. 2,151,644; Mar. 21.
Stephens, Henry C., and S. B. Hoar, assignors to Natural Food Products Company, Orange, Calif. Method and means for deaerating and irradiating liquid food products. 2,151,645; Mar. 21.
Stephens, Homer, assignor to S. G. Adams Company, St. Louis, Mo. Cabinet. 2,150,640; Mar. 14.
Stephens, Howard O., Pittsfield, Mass., assignor to General Electric Company. Electrical winding. 2,157,031; May 2.
Stephens, Howard O., Pittsfield, Mass., assignor to General Electric Company. System of distribution. 2,168,177; Aug. 1.
Stephens, Irvin A., Las Vegas, Nev. Trapper's spring gun. 2,179,647; Nov. 14.
Stephens, James P., Oklahoma City, Okla., assignor to Phillips Petroleum Company. Bailer. 2,170,355; Aug. 22.
Stephens, James P., C. M. Rader, F. E. Steele, and W. F. Flood, Oklahoma City, assignors to Phillips Petroleum Company, Bartlesville, Okla. Apparatus for raising liquids. 2,142,481; Jan. 3.
Stephens, James P., C. M. Rader, F. E. Steele, and W. F. Flood, Oklahoma City, assignors to Phillips Petroleum Company, Bartlesville, Okla. Gas-lift pump. 2,142,482; Jan. 3.
Stephens, James P., F. E. Steele, and W. F. Flood, Oklahoma City, and C. M. Rader, Tulsa, Okla., assignors to Phillips Petroleum Company. Gas-lift pump. 2,142,485; Jan. 3.
Stephens, James P., and T. J. Hamilton, Oklahoma City, Okla., assignors to Phillips Petroleum Company. Bailer. 2,170,354; Aug. 22.
Stephens, Paul M., Columbia, Mo. Weight bearing hinge. 2,162,650; June 13.
Stephens Products Co. (See Stephens, Clarence L., assignor.)
Stephens, Robert M., Winnipeg, Manitoba, Canada. Automatic variable pitch propeller. 2,148,843; Feb. 28.
Stephens, Thomas J., Brooklyn, N. Y. Combustion and gas mixing assembly for gas circulating systems. 2,164,954; July 4.
Stephenson, Arthur, assignor to The British Oxygen Company Limited, Westminster, London, England. Metal pipe joint. 2,166,078; July 11.
Stephenson, Hugh M., Fort Wayne, Ind., assignor to General Electric Company. Reversible inductor motor. 2,146,603; Feb. 7.
Stephenson, Hugh M., Fort Wayne, Ind., assignor to General Electric Company. Phonograph-record changer. 2,169,854; Aug. 15.
Stephenson, Hugh W., Sheffield, and T. H. Burton, Florence, Ala. Safety emblem. 2,180,261; Nov. 14.
Stephenson, James G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburg, Pa. Loop regulator. 2,147,467; Feb. 14.
Stephenson, Paul A., Winnetka, assignor to A. B. Dick Company, Chicago, Ill. Duplicating machine. 2,164,549; July 4.
Stephenson, Robert L., Roseville, Mich., assignor to Borg-Warner Corporation. Apparatus for processing gears. 2,146,516; Feb. 7.

Stephenson, Samuel S., New York, assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Latch mechanism for desk tops. 2,161,323; June 6.
Stephenson, Samuel S., New York, assignor to The O. M. Edwards Company, Inc., Syracuse, N. Y. Desk construction. 2,170,098; Aug. 22.
Steren, John R., Kansas City, Kans., and W. F. Kramer, Alton, Ill.; said Steren assignor to said Kramer. Wall paper pasting machine. 2,154,643; Apr. 18.
Sterling Electric Motors, Inc. (See Johnson, C, E., and Mendenhall, assignors.)
Sterling Engineering Company. (See Rice, C. J., and Berghoefer, assignors.)
Sterling Engineering, Inc. (See Stageberg, Sterling O., assignor.)
Sterling, Gordon H., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, Chicago, Ill. Typewriting machine. 2,155,997; Apr. 25.
Sterling Injection Molding, Inc. (See Tegarty, John B., assignor.)
Sterling Reflector Co. (See Herron, James C., assignor.)
Sterling Varnish Company, The. (See Cook, Charles H., assignor.)
Stern, Arthur F., and H. W. Hanners, assignors to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Vacuum responsive governing means for internal combustion engines. 2,181,286; Nov. 28.
Stern, Charles, Jersey City, N. J. Pressure or condensate relief valve. 2,147,722; Feb. 21.
Stern, Charles, Jersey City, assignor to Ardco Manufacturing Co., Hoboken, N. J. Rail lubricating device. 2,170,917; Aug. 29.
Stern, Charles, Jersey City, N. J. Rail lubricating device. 2,177,752; Oct. 31.
Stern, Charles, Jersey City, N. J. Rail lubricating apparatus. 2,183,727; Dec. 19.
Stern, Ernest. (See Frost, Adolph M., assignor.)
Stern, Eugene, et al. (See Kolouch, Emil, assignor.)
Stern, Georg, Neckargemund, and W. Friedrichsen, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Separation of tertiary olefins from gas mixtures. 2,156,070; Apr. 25.
Stern, Isaac, B. Skolnikoff, J. J. Pesqueira, and S. Ostrolenk, New York, assignors to S & S Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Knife. 2,146,274; Feb. 7.
Stern, Marc, Flint, assignor to General Motors Corporation, Detroit, Mich. Die casting machine. 2,145,956; Feb. 7.
Stern, Nathan S., Leicester, England. Shock absorbing device. 2,154,586; Apr. 18.
Stern, Paul L. (See Barnard, T. H., and Stern.)
Stern, Paul L. (See Wagner, R. C., and Stern.)
Stern, Raphael L., New Brunswick, N. J., assignor to Hercules Powder Company, Wilmington, Del. Manufacture of chlorinated rubber of high apparent density. 2,165,682; July 11.
Sterne, Willard F., assignor to American Allsafe Company, Inc., Buffalo, N. Y. Sweat band. 2,160,567; May 30.
Sterrett, Charles C., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Hydrogen-cooled machine with gland seals. 2,159,057; May 23.
Stetson, Charles C., St. Paul, Minn. Freight carrier. 2,182,005; Dec. 5.
Stetson, George W., Hingham, Mass. Automotive vehicle and demountable camping cabin. 2,173,076; Sept. 12.
Stetson, John B., Company. (See Kimber, E. W., and McManus, assignors.)
Stetson, Paul C., assignor to Eastman Kodak Company, Rochester, N. Y. Camera focusing attachment. 2,150,703; Mar. 14.
Stetson-Ross Machine Company. (See Nicholson, F. A., and Pritchard, assignors.)
Stettner, Ludwig W., Oakland, assignor to Victor Equipment Co., San Francisco, Calif. Gas pressure regulator. 2,156,823; May 2.
Stetzer, Theodore B., Chicago, Ill. Utility cabinet. 2,156,131; Apr. 25.
Steuber, Elmer G. (See Robbins, D. S., and Steuber.)
Steuber, George A. (See West, L. S., Steuber, and Powers.)
Steuber, George A., Penfield, N. Y., assignor to Despatch Shops, Inc. Refrigerator car. 2,171,317; Aug. 29.
Steudel, Eberhard. (See Drewell, P., and Steudel)
Steudel, Eberhard. (See Orthuber, R., and Steudel.)
Steudel, Hans, Dessau, Germany, assignor to Junkers Flugzeug- und-Motorenwerke Aktiengesellschaft. Bearing and making same. 2,170,039; Aug. 22.
Steuerlein, Gustav, assignor to Junkers Flugzeug-und-Motorenwerke Aktiengesellschaft, Dessau, Germany. Gun mount for aircraft. 2,178,291; Oct. 31.
Steuernagel, George H., H. W. Gauch, and R. R. Gauch, Belleville, Ill. Dispensing carton. 2,180,916; Nov. 21.
Stevens, Ben H., Ada, Okla. Sucker rod jerk absorber. 2,153,816; Apr. 11.
Stevens, Carl A., assignor to The Carrollton Metal Products Company, Carrollton, Ohio. Handle for cooking utensils. 2,172,524; Sept. 12.
Stevens, Donald R., Swissvale, and W. A. Gruse, Wilkinsburg, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Polymerization of olefins. 2,161,392; June 6.
Stevens, Donald R., Swissvale, and J. E. Nickels, assignors to Gulf Research & Development Company, Pittsburgh, Pa. Production of alkylated phenols. 2,181,823; Nov. 28.
Stevens, Edward W., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Flue expander. 2,152,712; Apr. 4.
Stevens, Edward W., Detroit, Mich., assignor to Chicago Pneumatic Tool Company, New York, N. Y. Flue cleaner. 2,163,384; June 20.
Stevens, Elbridge W., Baltimore, Md., assignor, by mesne assignments, to Wachovia Bank and Trust Company, Forsyth County, N. C. Hydrogenating hydrocarbon oils. 2,185,070; Dec. 26.
Stevens, Eugene J., and J. A. Heidbrink, Minneapolis, Minn., assignors to The Ohio Chemical and Manufacturing Company, Cleveland, Ohio. Tank stabilizer for anesthetizing machines. 2,169,082; Aug. 8.
Stevens, Evan W., Roscoe, Mo. Spinal adjuster. 2,180,775; Nov. 21.
Stevens, George E., Denver, Colo., assignor to The Western States Machine Company, New York, N. Y. Refining sugar. 2,175,998; Oct. 10.
Stevens, Harry, Oakland, Calif., assignor, by mesne assignments, to Pacific Manifolding Book Company, Inc. Manifolding book. 2,163,714; June 27.
Stevens, Hayes C., Dormont, Pa. Copy holder. 2,153,103; Apr. 4.
Stevens, Henry P. (See Farmer, E. H., Stevens, and Rowe.)
Stevens, Henry P., London, England, assignor, by mesne assignments, to G. R. Beach, Jr., Chadds Ford, Pa. Manufacture of rubber. 2,147,680; Feb. 21.
Stevens, Henry W. (See Blackmon, Ethel, assignor.)
Stevens, Horace D., assignor, by mesne assignments, to The Firestone Tire & Rubber Company, Akron, Ohio. Crating machine. 2,182,905; Dec. 12.
Stevens, Jesse V., Sapulpa, Okla. Treating oil emulsions. 2,174,849; Oct. 3.
Stevens, John C., assignor to Leupold, Volpel and Company, Portland, Oreg. Signaling apparatus and system. 2,146,999; Feb. 14.
Stevens, John E., New York, N. Y. Rotary compressor-motor. 2,148,282; Feb. 21.
Stevens, John E., Assiniboia, Saskatchewan, Canada. Sanitary receptacle for crackers and the like. 2,148,382; Feb. 21.
Stevens, John W., assignor to Eimco Corporation, Salt Lake City, Utah. Agitator. 2,151,944; Mar. 28.
Stevens, Joseph R. (See Weijlard, J., and Stevens.)
Stevens, Joseph R. (See Zellner, C. N., and Stevens.)
Stevens, Joseph R., assignor to Merck & Co., Inc., Rahway, N. J. Stabilized salts of acetyl salicylic acid. 2,158,091; May 16.
Stevens, Josiah B., Aurora, assignor, by mesne assignments, to The Lehon Company, Chicago, Ill. Shingle. 2,151,537; Mar. 21.
Stevens, Leo J., San Francisco, Calif. Annunciator system. 2,148,913; Feb. 28.
Stevens, M. T., & Sons Co. (See Derby, Roland E., assignor.)
Stevens, M. T., & Sons Company. (See Edwards, William W., assignor.)
Stevens, Merton J. (See Waterman, Nathan, assignor.)
Stevens, Ralph L., et al. (See Rowe, Maude H., assignor.)
Stevens, Ralph W., Madison, Wis. Surgical pack. 2,179,964; Nov. 14.
Stevens, Richard K. (See Evans, George H., assignor.)
Stevens, Robert C. (See Laube, G., Stevens, and Miller.)
Stevens, Roy R., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Dust guard. 2,159,825; May 23.
Stevens, Roy R., Forest Hills, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake control device. 2,173,954; Sept. 26.
Stevens, Roy R., Forest Hills, and G. C. Crowshore, East McKeesport, assignors to The Westinghouse Air Brake Company, Wilmerding, Pa. Pneumatic signal device. 2,142,221; Jan. 3.
Stevens, Sydney A., London, England, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Electrical rectifier installation. 2,159,537; May 23.
Stevens, Sydney A., and L. E. Thompson, London, England, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Alternating current rectifier of the dry surface contact type. 2,179,137; Nov. 7.
Stevens, Waldo B., Tigerton, Wis. Leg-gripping attachment for milk pails. 2,184,106; Dec. 19.
Stevens, William C., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electromagnetic contactor. 2,158,841; May 16.
Stevens, William G., Jr., Sykesville, Md. Elevating and lower planter runners. 2,170,490; Aug. 22.
Stevens, William H., San Francisco, Calif. Metal spray apparatus. 2,150,949; Mar. 21.
Stevens, William H. N., Columbus, Ohio. Combined canteen, cooking, and mess kit. 2,180,561; Nov. 21.
Stevens, Woodrow W., assignor of one-half to W. B. Stone, Paducah, Ky. Electrically operated dipper trip. 2,164,126; June 27.
Stevenson, Allan B. (See Callender, A., and Stevenson.)

Stevenson, Arthur E., and S. L. Flugge, Chicago, Ill., assignor to Continental Can Company, New York, N. Y. Container structure with inhibitor. 2,168,107; Aug. 1.
Stevenson, Cary H., assignor to Lindberg Engineering Company, Chicago, Ill. Tubular heating element for furnaces or the like. 2,155,691; Apr. 25.
Stevenson, Earl P. (See Murray, W. J., and Stevenson.)
Stevenson, Edward E., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Sucker rod hook. 2,174,911; Oct. 3.
Stevenson, Frank, West Lawn, assignor to Howard Hosiery Barber-Colman Company, Rockford, Ill. Combined building and domestic water heating system. 2,167,695; Aug. 1.
Stevenson, Goeffrey, Brookline, Mass. Combined seaming and pinking machine. 2,165,312; July 11.
Stevenson, Goeffrey, Brookline, Mass. Trimming mechanism. 2,165,313; July 11.
Stevenson, George H., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Oscillation generator. 2,165,517; July 11.
Stevenson, James W., Riverside, Calif. Box stacker. 2,161,836; June 13.
Stevenson, Milton S., Larchmont, N. Y., and R. Wells, Bridgeboro, N. J.; said Stevenson assignor to Remington Rand Inc., Buffalo, N. Y., and said Wells assignor to Kieckhefer Container Company, Delair, N. J. Knock-down desk. 2,152,609; Mar. 28.
Stevenson, Robert A., Lancaster, Ohio. Memorandum device. 2,149,408; Mar. 7.
Stevenson, Robert E., Indianapolis, Ind. Snow plow. 2,165,314; July 11.
Stevenson, Robert O. (See Myers, J. W., and Stevenson.)
Stevenson, Russell A., Pittsburgh, Pa. Pipe thread protector. 2,175,414; Oct. 10.
Stevenson, Walter N. (See Swangren, Edwin V., assignor.)
Stevenson, William H., Parlin, N. J., assignor to Hercules Powder Company, Wilmington, Del. Production of chlorinated rubber. 2,182,456; Dec. 5.
Steward, Arthur N., Anderson, Calif. Transport cradle for disk harrows. 2,164,550; July 4.
Steward, George K., Denville, N. J. Internal combustion engine. 2,153,598; Apr. 11.
Stewart, Andrew H., Shields, Pa. Tile structure. 2,145,103; Jan. 24.
Stewart, Andrew H., Shields, and P. Kucera, assignors to The Phoenix Glass Company, Monaca, Pa. Highway signal. 2,181,613; Nov. 28.
Stewart, Annabella M., et al., executors. (See Stewart, James G.)
Stewart, Alexander. (See Jones, M., Smith, and Stewart.)
Stewart, Alfred K., Yonkers, N. Y. Automobile trailer. 2,152,713; Apr. 4.
Stewart, Amasa E., Utica, N. Y. Joint filling machine for bitumen filler. 2,161,488; June 6.
Stewart Bros., Inc., of Lynn. (See Bailey, Charles W., assignor.)
Stewart Bros. Inc. (See Bailey, C. W., and Scharffenberg, assignors.)
Stewart, Burry W., Tampa, Fla. Wire stretcher. 2,179,438; Nov. 7.
Stewart, Carlton D., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Fluid pressure brake. 2,165,988; July 11.
Stewart, Carlton D., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding Pa. Brake mechanism. 2,177,953; Oct. 31.
Stewart, Carlton D., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding Pa. Brake mechanism. 2,177,954; Oct. 31.
Stewart, Carlton D., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding Pa. Brake mechanism. 2,177,955; Oct. 31.
Stewart, Carlton D., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding Pa. Brake mechanism. 2,177,956; Oct. 31.
Stewart, Carlton D., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding Pa. Brake mechanism. 2,177,957; Oct. 31.
Stewart, Carlton D., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding Pa. Brake mechanism. 2,177,960; Oct. 31.
Stewart, Carlton D., Wilkinsburg, assignor to The Westinghouse Air Brake Company, Wilmerding Pa. Brake mechanism. 2,177,962; Oct. 31.
Stewart, Carlton D., Swissvale, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Automatic fuel-control device. 2,170,256; Aug. 22.
Stewart, Charles E., Verdun, Quebec, Canada. Drive mechanism. 2,143,115; Jan. 10.
Stewart, Clifford R., assignor to Faber Laboratories, Inc., Los Angeles, Calif. Viscosimeter. 2,156,407; May 2.
Stewart, Clyde E. (See Simpson, W. P., and Stewart.)
Stewart, Donald H. (See Parker, J H. S., and Stewart.)
Stewart, Duncan J., assignor, by mesne assignments, to Company, Sinking Spring, Pa. Knitting apparatus. 2,170,621; Aug. 22.
Stewart, Ernest L. (See Holter, C. B., and Stewart.)
Stewart, F. M. (See Hess, Marvin A., assignor.)
Stewart, Hubert L., Pittsburgh, Pa., assignor, by mesne assignments, to Koppers Company. Recovering phenols. 2,172,415; Sept. 12.
Stewart, James S. (See Hutchins, H. A., and Stewart.)
Stewart, James G., deceased, Letchworth, England; A. M. Stewart, H. McCracken, J. and M. Widgery, executors. Apparatus for gas calorimetry. 2,177,267; Oct. 24.
Stewart, James S. (See Hutchins, H. A., and Stewart.)
Stewart, James S., Long Beach, Calif., assignor to W. D. Crook. Bulldozer. 2,182,412; Dec. 5.
Stewart, John H. F., Auckland, Auckland, New Zealand. Artificial leg. 2,175,136; Oct. 3.
Stewart, Joseph, Harvey, Ill. Chair. 2,150,297; Mar. 14.
Stewart, Marcus C. (See Shepherd, D. A., and Stewart.)
Stewart & McGuire, Inc. (See Hoban, Fairfield W., assignor.)
Stewart, Peter. (See Ackerman, G. O., Jr., and Stewart.)
Stewart, Peter, Boylston, Mass., assignor to The American Steel and Wire Company of New Jersey. Overfired furnace. 2,158,765; May 16.
Stewart, Porter R. (See Roe, W. B., and Stewart.)
Stewart, Ralph T., Winston-Salem, assignor to Radiator Specialty Company, Charlotte, N. C. Lubrication apparatus. 2,160,295; May 30.
Stewart, Ray, and C. S. Fish, Los Angeles, Calif. Fish lure. 2,148,784; Feb. 28.
Stewart, Robert A., Watertown, assignor to George B. Graff Company, Cambridge, Mass. Signal or clip. 2,184,569; Dec. 26.
Stewart, Robert B., administrator. (See Stout, John N.)
Stewart, Robert J. (See Huntley, G. J., and Stewart.)
Stewart, Russel, Catawissa, Pa. Circuit closing means for loom stop mechanism. 2,156,408; May 2.
Stewart, Samuel S., Jr. (See Goguen, C. J., and Stewart.)
Stewart, Seymour F., assignor to The Leece-Neville Company, Cleveland, Ohio. Automatic cut-out device. 2,163,502; June 20.
Stewart, Seymour J., New Orleans, La. Buffer fan hanger. 2,185,019; Dec. 26.
Stewart, Vernon B., Dearborn, Mich. Safety seat. 2,144,233; Jan. 17.
Stewart-Warner Corporation. (See Davis, Ernest W., assignor.)
Stewart-Warner Corporation. (See Fine, Charles A., assignor.)
Stewart-Warner Corporation. (See Gersch, Adolph E., assignor.)
Stewart-Warner Corporation. (See Karsel, William, assignor.)
Stewart-Warner Corporation. (See Kelly, Edward G., assignor.)
Stewart-Warner Corporation. (See LeFevre, A. W., and Paul, assignors.)
Stewart-Warner Corporation. (See Le Fevre, A. W., Farr, Coxon, and Whitted, assignors.)
Stewart-Warner Corporation. (See Le Fevre, A. W., Paul, and Coxon, assignors.)
Stewart-Warner Corporation. (See McCollum, H. J. D., and Spackman, assignors.)
Stewart-Warner Corporation. (See Norman, Horace M., assignor.)
Stewart-Warner Corporation. (See Paul, Thorolf, assignor.)
Stewart-Warner Corporation. (See Rydstedt, Simon D., assignor.)
Stewart-Warner Corporation. (See Spackman, Thomas F., assignor.)
Stewart-Warner Corporation. (See Thomas, G. F., and Bystricky, assignors.)
Stewart-Warner Corporation. (See Thomas, G. F., Ross, and Bystricky, assignors.)
Stewart-Warner Corporation. (See Whitted, John B., assignor.)
Stewart, William E., Hollidays Cove, W. Va. Automobile bed. 2,178,923; Nov. 7.
Stewert, Arthur A., Toledo, Ohio. Seam preparation tool. 2,146,659; Feb. 7.
Steyr-Daimler-Puch A. G. (See Hacker, Oskar, assignor.)
Sthyr, Herman L., London, England. Hand grenade. 2,144,554; Jan. 17.
Stiasny, Edmund, Helsinborg, Sweden, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of new tanning agents. 2,147,000; Feb. 14.
Stiassni, Ernst, Brunn, Czechoslovakia. Winding machine for making large soft cops. 2,182,039; Dec. 5.
Stibitz, George R., Boonton, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Tone generator. 2,179,237; Nov. 7.
Stickdorn, Kurt. (See Schrauth, W., and Stickdorn.)
Stickdorn, Kurt, Rosslau, Anhalt, assignor to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Producing resinlike condensation products. 2,153,318; Apr. 4.
Stickdorn, Kurt, and R. Hueter, Dessau-Rosslau, Anhalt, assignors to Deutsche Hydrierwerke Aktiengesellschaft, Berlin-Charlottenburg, Germany. Procedure for the improvement of textiles. 2,163,068; June 20.
Stickel, Carl A., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,149,799; Mar. 7.
Stickel, Charles W. (See Tuttle, W. R., and Stickel.)
Stickles, Merle J., and L. F. Schakel, Loveland, Colo. Condiment dispenser. 2,174,142; Sept. 26.
Stickles, Robert. (See Hedges, E. G., and Stickles.)
Stickley, Leopold, Fayetteville, N. Y. Furniture construction. 2,179,138; Nov. 7.

Stickney, Burnham C., Hillside, N. J., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,163,921; June 27.
Stickney, Fernald S., Verona, and H. L. Bernarde, Union, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Adjustable magnetic shunt for measuring instruments. 2,179,305; Nov. 7.
Stickney, Guy H. (See Schipper, Lyle F., assignor.)
Stieber, Wilhelm G. O., Munich, Germany. Clamp connection. 2,184,855; Dec. 26.
Stiefel, Ralph C., Ellwood City, Pa., assignor to The Timken Roller Bearing Company, Canton, Ohio. Apparatus for elongating and decreasing the wall thickness of tubular blanks. 2,176,155; Oct. 17.
Stieglitz, Henry M. (See Adam, F. B., and Stieglitz.)
Stienen, Ernest A., New York, N. Y. Holder for textiles. 2,145,957; Feb. 7.
Stienen, Ernest A., New York, N. Y. Apparatus for drying warps of textiles. 2,168,456; Aug. 8.
Stienen, Ernest A., New York, N. Y. Slasher. 2,177,541; Oct. 24.
Stierhof, Hans. (See Vogt, G., and Stierhof.)
Stiff, Charles J., Arlington, Mass. Ring pull. 2,177,554; Oct. 24.
Stiff, John T., assignor to Aeolian-Skinner Organ Company, Inc., Dorchester, Mass. Pneumatically operated electrical musical instrument. 2,173,216; Sept. 19.
Stiffel, Theophile A., Chicago, Ill. Electric light fixture. 2,184,856; Dec. 26.
Stiffler, Ralph L., Lansdowne, Pa. Vehicle wheel. 2,148,658; Feb. 28.
Stifter, Louis. (See Swedman, E., and Stifter.)
Stihl, Andreas, Stuttgart, Germany. Two-stroke internal combustion engine. 2,146,919; Feb. 14.
Stikeleather, Robert M., Dedham, assignor to B. F. Sturtevant Company, Boston, Mass. Heat exchange unit. 2,144,466; Jan. 17.
Still, Aldrich C. (See Still, Cuthbert A. and (L. M., assignor).
Still, Carl, Gesellschaft mit beschränkter. (See Breitbach, Fritz, assignor.)
Still, Cuthbert A. and L. M.; L. M. Still assignor to A. C. Still, Alta Loma, Tex. Paraffin cleaner for oil wells. 2,179,475; Nov. 7.
Still, Lawrence M. (See Still, Cuthbert A. and L. M.)
Stiller, Harry I., Hollywood, Calif. Toilet cabinet. 2,183,897; Dec. 19.
Stillman, Albert L. (See Zwoyer, E. B. A., and Stillman.)
Stillman, Edwin A., Chester, and R. W. Dinzl, Westfield, assignors to The Watson-Stillman Co., Roselle, N. J. Tilting-head press. 2,182,884; Dec. 12.
Stillman, Erwin F., Lompoc, Calif. Window lock. 2,158,260; May 16.
Stillman, Thomas B., South Orange, assignor to The Babcock & Wilcox Company, Newark, N. J. Fluid heat exchange apparatus. 2,172,227; Sept. 5.
Stillwagon, Crawford K., Houston, Tex. Combination piston and rod. 2,176,281; Oct. 17.
Stilson, Herbert A., assignor to McGill Metal Products Company, Chicago, Ill. Animal trap. 2,146,361; Feb. 7.
Stilson, Herbert A., Chicago, and R. H. Sharp, Marengo, Ill.; said Sharp assignor to said Stilson. Animal trap. 2,157,222; May 9.
Stilwell, William E., Jr., assignor to Empire Ironer, Inc., Cincinnati, Ohio. Ironer. 2,157,086; May 2.
Stimac, Emil, Detroit, Mich. Auxiliary air intake for internal combustion engines. 2,153,350; Apr. 4.
Stimpson, Edwin B., Company. (See Gualtiere, Julius, assignor.)
Stimpson, Edwin B., Company. (See Rau, Henry V., assignor.)
Stimson, Allen G., Schenectady, N. Y., assignor to General Electric Company. Electric discharge lamp. 2,175,929; Oct. 10.
Stimson, Arthur J., assignor to Spokane Casket Company, Spokane, Wash. Output control for amplifier systems. 2,155,807; Apr. 25.
Stiner, Clarence B., New York, N. Y., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Wrapper and packaged article. 2,161,595; June 6.
Stiner, Clarence B., New York, N. Y., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Wrapper and packaged article. 2,161,596; June 6.
Stinson, George, Gardner, and S. Hendrickson, Templeton, assignors to Heywood-Wakefield Company, Boston, Mass. Spring construction. 2,142,259; Jan. 3.
Stinson, George, assignor to Heywood-Wakefield Company, Gardner, Mass. Folding baby carriage. 2,171,013; Aug. 29.
Stinson, Lyman A., Chicago, assignor of one-half to J. L. Allen, Wilmette, Ill. Automatic show card printing device. 2,149,984; Mar. 7.
Stipe, Lester E., Portland, Oreg. Ice cube tray for refrigerators. 2,162,363; June 13.
Stites, James H., Waterford, Mich. Building structure. 2,151,244; Mar. 21.
Stitt, Roscoe R., Detroit, Mich., assignor to Auto-Motive Air Brake Co. Inc., Kokomo, Ind. Tractor trailer brake control system. 2,149,106; Feb. 28.
Stitt, Roscoe R., assignor to Auto-Motive-Air Brake Corporation, Detroit, Mich. Air Brake. 2,175,510; Oct. 10.
Stitz, Wilbur E., Dayton, Ohio. Engine mounting. 2,145,280; Jan. 31.
Stivender, Edward H., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric commutator. 2,180,312; Nov. 14.
Stivender, Paul M., West Allis, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electrical power system. 2,166,187; July 18.
Stirgwolt, Robert W., Bay Village, assignor to Jak-Kraw, Inc. Rocky River, Ohio. Cooking machine. 2,171,510; Aug. 29.
Stivers, Earl R., Rockaway, N. J., assignor to Stapling Machines Co. Combination shipping and display container. 2,154,538; Apr. 18.
Stix, Edmund. (See Zetzsche, W., Stix, Faber, and Schürman, assignors.)
Stix, Robert, Vienna, Austria, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Alternating-current commutator motor. 2,179,358; Nov. 7.
Stobb, Anton. (See Dultgen, A., Stobb, and Stoessel.)
Stobb, Anton, assignor to American Type Founders, Incorporated, Elizabeth, N. J. Printing press. 2,184,725; Dec. 26.
Stobbe, Paul, San Francisco, Calif. Luminous sign. 2,156,409; May 2.
Stock, Anthony T., Muskegon, Mich., assignor to Commercial Coil & Refrigeration Co., Chicago, Ill. Refrigerating apparatus. 2,143,961; Jan. 17.
Stock, Friedrich, J. J., Berlin-Tempelhof, Germany. Fountain brush. 2,149,711; Mar. 7.
Stock, Harry F., assignor to The Marion Steam Shovel Company, Marion, Ohio. Walking tractor. 2,179,765; Nov. 14.
Stock, Hugo H., Remscheid, assignor to firm Auja Industrie Kommanditgesellschaft Werner Kornfeld, Berlin, Germany. Knife. 2,149,193; Feb. 28.
Stock, Julius A., assignor to W. C. Ritchie and Company, Chicago, Ill. Rip-cord carton-making machine. 2,153,652; Apr. 11.
Stockbarger, Donald C., Belmont, assignor to Massachusetts Institute of Technology, Cambridge, Mass. Manufacture of crystalline bodies. 2,149,076; Feb. 28.
Stockbarger, Donald C., Belmont, and J. L. Jones, North Billerica, assignors to Stockton Profile Gauge Corporation, Lowell, Mass. Apparatus for measuring area. 2,184,159; Dec. 19.
Stockbarger, Donald C., Belmont, and J. L. Jones, North Billerica, assignors to Stockton Profile Gauge Corporation, Lowell, Mass. Apparatus for scanning. 2,184,160; Dec. 19.
Stockbarger, Donald C., Belmont, and J. L. Jones, North Billerica, assignors to Stockton Profile Gauge Corporation, Lowell, Mass. Apparatus for scanning. 2,184,161; Dec. 19.
Stockbarger, Donald C., Belmont, and J. L. Jones, North Billerica, assignors to Stockton Profile Gauge Corporation, Lowell, Mass. Apparatus for measuring area. 2,184,162; Dec. 19.
Stockdale, Harry C., Ravenna, Ohio, assignor to Food Machinery Corporation, San Jose, Calif. Filling machine. 2,151,283; Mar. 21.
Stockelbach, Frits E., Verona, N. J. Flavoring solution. 2,180,932; Nov. 21.
Stocker, Arthur C., Haddon Heights, N. J., assignor to Radio Corporation of America. Electric discharge tube oscillator. 2,147,114; Feb. 14.
Stocker, Arthur C., Haddon Heights, N. J., assignor to Radio Corporation of America. Impedance coupled amplifier. 2,173,238; Sept. 19.
Stocker, Closman P., Lorain, Ohio, assignor of one-half to E. M. Heavens. Frequency changing system. 2,179,386; Nov. 7.
Stocker, Frederick, assignor to National Stamping & Electric Works, Chicago, Ill. Coffee maker stove. 2,142,418; Jan. 3.
Stocker, Frederick C., assignor to The Ohio Boxboard Company, Rittman, Ohio. Display stand. 2,170,356; Aug. 22.
Stocker, William, Hammond, Ind. Brake construction. 2,155,207; Apr. 18.
Stocker, William, assignor to Dixie Logging Tool Co., Chattanooga, Tenn. Log lifting cant hook. 2,162,668; June 13.
Stocking, Roderick P., Drexel Hill, assignor to William Sellers & Company, Incorporated, Philadelphia, Pa. Drill grinding machine. 2,142,923; Jan. 3.
Stockman, Lester P. (See Boyer, T. E., and Stockman.)
Stockman, Peter J., St. Louis, Mo. Building. 2,174,394; Sept. 26.
Stockmann, Gervase J. (See McCormack, H., and Stockmann.)
Stockstrom, Arthur, and A. H. Brodbeck, assignors to American Stove Company, St. Louis, Mo. Gas range construction. 2,161,537; June 6.
Stockton, Jack P., Spring Lake, N. J., assignor to Stromberg-Carlson Telephone Manufacturing Company. Phonograph. 2,145,498; Jan. 31.
Stockton, Kenneth E., Ridgewood, N. J., and J. S. Jammer, Cumberland, Md., assignors to International Standard Electric Corporation, New York, N. Y. Combined radio receiving and intercommunication system. 2,164,960; July 4.
Stockton Profile Gauge Corporation. (See Bowles, Edward L., assignor.)
Stockton Profile Gauge Corporation. (See Jones, John L., assignor.)

Stockton Profile Gauge Corporation. (See Stockbarger, D. C., and Jones, assignors.)
Stockton Profile Gauge Corporation. (See Whitney, E. C., and Jones, assignors.)
Stockton, Walter S., Louisville, Ky. Vehicle traffic signal. 2,173,047; Sept. 12.
Stockstrom, Carl, St. Louis, Mo. Drip Sheet. 2,171,813; Sept. 5.
Stoddard, Edgar S. (See Walker, F. A., and Stoddard.)
Stoddard, Edgar S., Berwyn, Ill., assignor to Edison General Electric Appliance Company, Inc. Washing apparatus. 2,142,924; Jan. 3.
Stoddard, Edgar S., Berwyn, assignor to The Conover Company, Chicago, Ill. Cabinet dishwasher. 2,143,039; Jan. 10.
Stoddard, Hugh W., Dallas, Tex. Reflecting marker. 2,159,458; May 23.
Stoddard, Ralph N., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic release welding circuits. 2,147,468; Feb. 14.
Stoddard, Ralph N., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,157,925; May 9.
Stoddard, Robert. (See Keiner, H. A., and Stoddard.)
Stoddard, Russell B., Woodbridge, Conn. Vehicle braking means. 2,185,003; Dec. 26.
Stoeckly, Johann J., Teltow-Seehof, and K. Schmidt, Kassel-Bettenhausen, Germany, assignors to North American Rayon Corporation, New York, N. Y. After-treatment of yarn of artificial origin. 2,179,985; Nov. 14.
Stoekle, Erwin R., assignor, by mesne assignments, to Globe-Union Inc., Milwaukee, Wis. Adjustable resistance. 2,148,785; Feb. 28.
Stoekle, Erwin R., assignor, by mesne assignments, to Globe-Union Inc., Milwaukee, Wis. Resistor. 2,179,966; Nov. 14.
Stoessel, Max. (See Dultgen, A., Stobb, and Stoessel.)
Stoessel, Otto E., Chicago, Ill. Regulating system. 2,144,668; Jan. 24.
Stoesser, Sylvia M. (See Grebe, J. J., and Stoesser.)
Stoesser, Sylvia M., assignor to The Dow Chemical Company, Midland, Mich. Stabilizing articles containing polymerized styrene. 2,142,968; Jan. 3.
Stoesser, Sylvia M., assignor to The Dow Chemical Company, Midland, Mich. Stabilization of vinyl compounds. 2,154,389; Apr. 11.
Stoesser, Sylvia M., assignor to The Dow Chemical Company, Midland, Mich. Treatment of wells. 2,175,095; Oct. 3.
Stoesser, Sylvia M., and A. R. Gabel, assignors to The Dow Chemical Company, Midland, Mich. Coating composition. 2,166,557; July 18.
Stoesser, Sylvia M., and A. R. Gabel, assignors to The Dow Chemical Company, Midland, Mich. Polystyrol coating composition. 2,174,538; Oct. 3.
Stoesser, Sylvia M. and W. C., assignors to The Dow Chemical Company, Midland, Mich. Stabilization of polymerizable vinyl compounds. 2,181,102; Nov. 21.
Stoesser, Wesley C. (See Stoesser, Sylvia M. and W. C.)
Stoetzl, Ralph. (See Thompson, A. C., and Stoetzl.)
Stoewener, Fritz. (See Pier, M., Simon, Becker, and Stoewener.)
Stoewener, Fritz, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of metal hydroxides colloidally soluble in water. 2,163,922; June 27.
Stoffel, Lester L., Lakewood, assignor to Ohio Carbon Company, Cleveland, Ohio. Resistor. 2,157,777; May 9.
Stoker, Paul P., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Traffic controlling apparatus. 2,154,539; Apr. 18.
Stokes, Cecil A., New York, N. Y. Projector. 2,171,716; Sept. 5.
Stokes, F. J., Machine Company. (See Stokes, Francis J., assignor.)
Stokes, F. J., Machine Company. (See Westin, Charles J., assignor.)
Stokes, Francis J., assignor to F. J. Stokes Machine Company, Philadelphia, Pa. Compressing machine. 2,168,075; Aug. 1.
Stokes, John S., Huntingdon Valley, assignor to Stokes and Smith Company, Summerdale, Philadelphia, Pa. System for making and/or wrapping boxes. 2,152,775; Apr. 4.
Stokes and Smith Company. (See Lange, Ludwig H., assignor.)
Stokes and Smith Company. (See Lange, L. H., and Nitsch, assignors.)
Stokes and Smith Company. (See Maxfield, Daniel E., assignor.)
Stokes and Smith Company. (See Rider, Ernest G., assignor.)
Stokes and Smith Company. (See Stokes, John S., assignor.)
Stokes, William H., Allesley, near Coventry, assignor to Courtaulds, Limited, London, England. Nozzle for use in the manufacture and production of artificial threads, filaments, and the like. 2,155,338; Apr. 18.
Stokes, William K. (See Sparling, W. E., and Stokes.)
Stoknan, Hendrikus. (See Perquin, J. N. J., and Stokman.)
Stolar, Myer H., Washington, D. C., and G. E. Chesler, Baltimore, Md. Sheet stripping and separating device. 2,171,769; Sept. 5.
Stoll, Arthur, and J. Renz, assignors to the firm: Chemical Works formerly Sandoz, Basel, Switzerland. Strophanthus glucoside and its manufacture 2,179,204; Nov. 7.
Stoll, Carl W. (See Smith, N. V., and Stoll.)
Stoll, Frank A., assignor to Detroit Lubricator Company, Detroit, Mich. Burner. 2,155,339; Apr. 18.
Stoll, Henry C., assignor of one-half to R. Keil, Bronx, N. Y. Footrest. 2,175,488; Oct. 10.
Stoll, Willy G. (See Fierz-David, H. E., and Stoll.)
Stollsteimer, Frederick J., Upper Darby, assignor to Fleetwood Craftsmen, Inc., Fleetwood, Pa. Ice-cooled refrigerator. 2,169,599; Aug. 15.
Stolnacke, Carl E., and E. J. Sabol, Worcester, Mass., assignors to The American Steel and Wire Company of New Jersey. Rail bond terminal. 2,181,467; Nov. 28.
Stolpe, Frederick J., assignor, by mesne assignments, to Poor & Company, Chicago, Ill. Holding and releasing mechanism for hand brakes. 2,179,674; Nov. 14.
Stolpe, Frederick J., assignor to Poor & Company, Chicago, Ill. Handwheel. 2,182,413; Dec. 5.
Stoltz, Glenn E. (See Wilson, E. D., and Stoltz.)
Stolz, Owen M., Dayton, Ohio. Fabricated metal building. 2,143,288; Jan. 10.
Stolz, Rufus E., East Cleveland, Ohio. Control device for refrigerating systems. 2,165,518; July 11.
Stolz, Rufus E., East Cleveland, and G. V. Woodling, Lakewood, Ohio. Refrigerating control device. 2,165,519; July 11.
Stolze, George, Wausau, Wis. Dipping machine. 2,156,204; Apr. 25.
Stolzer, William J., Little Rock, Ark. All metal automatic cooling tower. 2,154,587; Apr. 18.
Stone, Albert F., Summit, N. J. Match package. 2,160,180; May 30.
Stone, Albert L. (See Stone, Frederick and A. L.)
Stone, Albert L., Redondo Beach, and F. R. Seaver, assignors to Hydril Company, Los Angeles, Calif. Packing head for oil wells. 2,148,844; Feb. 28.
Stone, Albert L., Palos Verdes Estates, assignor to Hydril Company of California, Los Angeles, Calif. Thread-milling cutter. 2,173,401; Sept. 19.
Stone, Blair H., El Reno, Okla. Fluid flow meter. 2,143,962; Jan. 17.
Stone, Carlton, Duncan, British Columbia, Canada, assignor to Mill Engineering & Supply Company, Seattle, Wash. Edger. 2,149,235; Feb. 28.
Stone, Edwal A., Kansas City, Mo., assignor to O. M. Franklin Serum Company, Denver, Colo. Comb. 2,151,056; Mar. 21.
Stone, Edwin W., Longmeadow, Mass., assignor to Bigelow-Sanford Carpet Co., Thompsonville, Conn. Needling machine. 2,177,604; Oct. 24.
Stone, Ernest V., Los Alamitos, Calif. Over speed engine control. 2,160,318; May 30.
Stone, Floyd B., and R. C. Arquette, San Francisco, and C. F. and R. J. Rossetter, assignors to Paul Hawkins Company, Los Angeles, Calif. Package making machine. 2,181,214; Nov. 28.
Stone, Fred B., Haddon Heights, N. J., assignor to Radio Corporation of America. Resonance tuning indicator system. 2,183,206; Dec. 12.
Stone, Fred L., Schenectady, N. Y., assignor to General Electric Company. Alternating current circuit interrupter. 2,166,828; July 18.
Stone, Frederick, Torrance, and G. S. Knox, assignors to Hydril Company, Los Angeles, Calif. Well pipe plug. 2,144,818; Jan. 24.
Stone, Frederick, Torrance, and A. L. Stone, Palos Verdes Estates, assignors to Hydril Company, Los Angeles, Calif. Oil well packing head. 2,163,813; June 27.
Stone, Harry. (See Peters, M. F., and Stone.)
Stone, Harry L., New York, N. Y. Window blind. 2,152,000; Mar. 28.
Stone, Henry A. (See Wessman, E. G., and Stone.)
Stone, Herbert G., Kingsport, Tenn., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Recovering aliphatic acids. 2,180,021; Nov. 14.
Stone, Irwin. (See Gray, P. P., and Stone.)
Stone, J. & Company. (See Tucker, Joseph F., assignor.)
Stone, J., & Company. (See Vidal, John F. B., assignor.)
Stone, James M., Detroit, Mich., and R. H. Taylor, Millburn, N. J., assignors to J. K. Smit & Sons, Inc., New York, N. Y. Setting diamonds and making diamond tools. 2,170,164; Aug. 22.
Stone, Joseph C. R. (See Getchell, B. E., and Stone.)
Stone, Joseph H., Brockton, Mass. Shoe last. 2,148,512; Feb. 28.
Stone, Joseph H., Brockton, Mass. Shoe last. 2,148,513; Feb. 28.
Stone, Joseph H., Brockton, Mass. Shoe last. 2,157,439; May 9.
Stone, Leslie N., Greenford, England, assignor to R. Hoe & Co. Inc., New York, N. Y. Printing machine. 2,180,440; Nov. 21.
Stone, Morris D., assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Strain gauge. 2,180,176; Nov. 14.

Stone, Morris D., Pittsburgh, Pa., and R. E. Kinkead, Cleveland, Ohio; said Stone assignor to United Engineering & Foundry Company, Pittsburgh, Pa. Composite metal strip and method and apparatus for trimming it. 2,177,356; Oct. 24.
Stone, Nathaniel B., Washington, D. C. Wheel rim. 2,178,502; Oct. 31.
Stone Paper Tube Company. (See White, Clayton E., assignor.)
Stone, Porter E., Detroit, Mich. Rear view mirror. 2,168,003; Aug. 1.
Stone, R. Harry. (See Peters, M. F., and Stone.)
Stone, R. Harry, Bound Brook, N. J., assignor to Titeflex Metal Hose Co. Ignition lead. 2,143, 231; Jan. 10.
Stone, R. Harry, Bound Brook, N. J., and M. F. Peters, Beltsville, Md., assignors to Titeflex Metal Hose Co. Shield for spark plugs. 2,177,268; Oct. 24.
Stone, Robert L. (See Greaves-Walker, A. F., and Stone.)
Stone, S. B., et al. (See Wentz, Mark, assignor.)
Stone, Stanley J. (See Comee, J. F., and Stone.)
Stone, Walter C., St. Louis, Mo., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Hatch for railway cars. 2,184,656; Dec. 26.
Stone, William B. (See Stevens, Woodrow W., assignor.)
Stone, William E., Colonia Anahuac, D. F., Mexico, dedicated to the free use of the People of the United States of America. Apparatus for the reproduction, regulation, and control of temperatures. 2,184,859; Dec. 26.
Stonecypher, William E., assignor of one-half to F. L. M. Holding Company, Los Angeles, Calif. Folding paper box. 2,171,051; Aug. 29.
Stoner-Mudge, Inc. (See Young, George H., assignor.)
Stoner, Robert S., assignor to The Brown-Brockmeyer Company, Dayton, Ohio. Floating weight electric switch. 2,147,506; Feb. 14.
Stoody Company. (See Stoody, W. F., and Spence, assignor.)
Stoody, Winston F., Wilmington, and J. R. Spence, assignors to Stoody Company, Whittier, Calif. Alloy. 2,160,423; May 30.
Stoops, Buren I., Kennett Square, Pa., assignor to Hercules Powder Company, Wilmington, Del. Purification of zinc salt solutions. 2,145,816; Jan. 31.
Stoops, Buren I., Kennett Square, Pa., assignor to Hercules Powder Company, Wilmington, Del. Zinc aminochloride solution. 2,145,817; Jan. 31.
Stop Motion Devices Corporation. (See Vossen, Edward, assignor.)
Stop-Motion Devices Corporation. (See Wachsman, Adolph, assignor.)
Stopher, George A., Mount Pulaski, Ill. Divider for harvesters and the like. 2,154,588; Apr. 18.
Stopp, Robert, Berlin-Charlottenberg, assignor to H. Lindner, Berlin-Wittenau, Germany. Profiling diamond. 2,144,901; Jan. 24.
Stopp, Robert, Berlin-Charlottenburg, assignor to H. Lindner, Berlin-Wittenau, Germany. Screw-threaded spindle and making same. 2,149,194; Feb. 28.
Stopper, Charles A., assignor to Diamond Paper and Box Company, Philadelphia, Pa. Box. 2,157,062; May 2.
Storch, Harold A., R. V. Dillon, and S. H. Caldwell, assignors, by mesne assignments, to Chandler-Evans Corporation, Detroit, Mich. Pump. 2,157,089; May 2.
Storch, Max H., Bell Harbor, Long Island, N. Y. Hand mirror. 2,165,683; July 11.
Storck, Frederick W., Arlington, assignor to Standard Mailing Machines Company, Everett, Mass. Duplicator. 2,155,692; Apr. 25.
Storck, Frederick W., Arlington, assignor to Standard Mailing Machines Company, Everett, Mass. Sheet-moistening device. 2,163,529; June 20.
Storck, Frederick W., Arlington, assignor to Standard Mailing Machines Company, Everett, Mass. Inking device for mail handling machines. 2,166,271; July 18.
Storck, Frederick W., Arlington, assignor to Standard Mailing Machines Company, Everett, Mass. Sheet feeding apparatus. 2,166,272; July 18.
Storck, Frederick W., Arlington, and C. V. Franson, Dorchester, assignors to Standard Mailing Machines Company, Everett, Mass. Sheet end deflecting device for duplicators. 2,172,113; Sept. 5.
Storey, Daniel H., Wausau, Wis. Trailer hitch. 2,157,681; May 9.
Storey, Lynwood E., et al. (See Anderson, Roy J., assignor.)
Storey, Omar M. (See Ramel, H. M., and Storey.)
Storkline Furniture Corporation. (See Michal, James, assignor.)
Storm, Avada, et al. (See Chapman, Clifford M., assignor.)
Storm, Hans O., Palo Alto, assignor to Globe Wireless Ltd., San Francisco, Calif. High speed recording system. 2,160,919; June 6.
Stortz, Anton J., assignor of one-third to P. J. Majerus, Fort Atkinson, and one-third to J. E. Fitzgibbon, Milwaukee, Wis. Knitting machine. 2,181,524; Nov. 28.
Story & Clark Piano Company. (See Worthington, Everett, assignor.)
Story, Ernst J. (See Vigorith, A., Story, and Delaney.)
Story, Le Roy G., White Plains, assignor to The Texas Company, New York, N. Y. Polymerization of gaseous hydrocarbons. 2 142,969; Jan. 3.
Story, Le Roy G., Bronxville, assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbon oils and gases. 2,149,800; Mar. 7.
Story, Le Roy G., White Plains, assignor to The Texas Company, New York, N. Y. Dewaxing petroleum oils. 2,178,328; Oct. 31.
Story, Le Roy G., White Plains, assignor to The Texas Company, New York, N. Y. Manufacture of low boiling hydrocarbon oils. 2,178,329; Oct. 31.
Stotter, Benjamin H. (See Warr, E. H., Stotter, and Russell.)
Stötter, Hermann, Leverkusen I. G. Werk, and T. Hermann, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Mothproofing detergent composition. 2,184,951; Dec. 26.
Stotz-Kontakt, Gesellschaft mit beschränkter Haftung (See Sattler, Wilhelm, assignor.)
Stough, Charles R. (See Horn, H. J., and Stough.)
Stough, Gerald D., assignor to Gar Wood Industries, Inc., Highland Park, Mich. Closure. 2,176,367; Oct. 17.
Stough, Samuel H., St. Clair, Ala. Article collection and delivery box. 2,169,855; Aug. 15.
Stoughton, Philip, New York, N. Y., and R. F. Davis, Washington, D. C.; said Stoughton assignor to said Davis. Composition for and method of preventing silver from tarnishing. 2,144,642; Jan. 24.
Stout, Abraham B., Plymouth, Ind. Steam bath cabinet. 2,156,361; May 2.
Stout, Betty K. (See Keil, H. L., and Stout.)
Stout, Earl B., Gray, Ind. Rail spacing apparatus. 2,180,075; Nov. 14.
Stout, Edward E. (See Weydell, Jarl M., assignor.)
Stout Engineering Laboratories, Inc. (See Smith, Frank M., assignor.)
Stout Engineering Laboratories, Inc. (See Stout, William B., assignor.)
Stout, Frederick W., New York, N. Y. Eraser attachment for typewriters. 2,145,142; Jan. 24.
Stout, John C. (See Graves, C. R., and Stout.)
Stout, John N., deceased, Staunton, Ind.; R. B. Stewart, administrator. Corn planter. 2,178,053; Oct. 31.
Stout, Minor W., Webster Groves, Mo. Steam heating. 2,176,230; Oct. 17.
Stout, William B., Detroit, assignor, by mesne assignments, to Stout Engineering Laboratories, Inc., Dearborn, Mich. Portable building structure. 2,155,876; Apr. 25.
Stout, William B., assignor, by mesne assignments, to Stout Engineering Laboratories, Inc., Dearborn, Mich. Ventilator. 2,161,728; June 6.
Stout, William B., Detroit, assignor, by mesne assignments, to Stout Engineering Laboratories, Inc., Dearborn, Mich. Folding wall construction for trailers. 2,167,557; July 25.
Stout, William E., Los Angeles, Calif. Power device. 2,175.578; Oct. 10.
Stoutenburgh, Paul P., Washington, D. C. Building construction. 2,146,775; Feb. 14.
Stover, Joseph M., Jr., Palouse, Wash. Vehicle. 2,167,593; July 25.
Stover, Paul A., assignor to Fire-Gard Corporation, San Francisco, Calif. Fire extinguishing apparatus. 2,177,963; Oct. 31.
Stowe, Rolland M., assignor to Corry Metal Corporation, Corry, Pa. Screen. 2,147,507; Feb. 14.
Stowell, Austin L., assignor to The Stanley Works, New Britain, Conn. Coilable measuring rule. 2,158,024; May 9.
Stowell, Austin L., assignor to The Stanley Works, New Britain, Conn. Illuminated hand tool. 2,158,970; May 16.
Stowell, Austin L., and F. A. Volz, assignors to The Stanley Works, New Britain, Conn. Coilable measuring rule. 2,156,905; May 2.
Stowell, Byron F. (See Van Norman, F. D., Stowell, and pyne.)
Stowell, Harold T. (See Kerschbaum, Friedrich P., assignor.)
Stowers, Allen. (See Lemmon, W. G., and Stowers.)
Stoyanowski, Steve, Astoria, Long Island, N. Y. Sewing machine guard. 2,168.501; Aug. 8.
Straatman, Alphons G. H., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Apparatus for orienting borehoes. 2,178,191; Oct. 31.
Straatman, Alphons G. H., The Hague, Netherlands, and D. P. Rees, Birmingham, England, assignors to Shell Development Company, San Francisco, Calif. Orienting device. 2,184,931; Dec. 26.
Stracener, Charles, Sweetwater, Tex. Cast bait or bug. 2,165,734; July 11.
Strachan, Herbert. (See Wininger, Bert P., assignor.)
Strache, Arthur, and W. Klawun, assignors to Allgemeine Elektricitatz Gesellschaft, Berlin, Germany. Tuning control device. 2,145,325; Jan. 31.
Straeten, Charles L., assignor to Industrial Patents Corporation, Chicago, Ill. Tying fixture. 2,182,182; Dec. 5.
Strain, Daniel E. (See Barrett, H. J., and Strain.)
Strain, Daniel E., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Resinous products from aldehydes and acrylic amides. 2,173,005; Sept. 12.

Strain, Oscar R., and W. H. Sparks, Dalton, Ga., assignors to Polly Prentiss, Inc., Sumter, S. C. Tufting attachment for sewing machines. 2,143,681; Jan. 10.
Strait, Wallace P. (See Muir, Raymond F., assignor.)
Strand, Alfred O., and C. E. Tupper, Minneapolis, Minn. Ice-surfacing mechanism. 2,174,250; Sept. 26.
Strand, August A., Malden, assignor to G. & N. Engineering Company, Boston, Mass. Heat controlling device. 2,147,321; Feb. 14.
Strand, Steen. (See Thorp, J. R., and Strand.)
Strand, Thure A. R., et al. (See Blomquist, Uno O., assignor.)
Strandberg, Joel G., assignor to The United States Bedding Company, St. Paul, Minn. Machine for cutting and fastening helical springs. 2,161,689; June 6.
Strandberg, Paul. (See Kögel, W. G. Strandberg, and Grubb.)
Strandberg, Paul, Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,147,066; Feb. 14.
Strandberg, Paul, Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,169,820; Aug. 15.
Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow. 2,150,661; Mar. 14.
Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Clutch. 2,156,362; May 2.
Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Colter. 2,168,004; Aug. 1.
Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow. 2,179,526; Nov. 14.
Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Constructing plows and the like. 2,179,527; Nov. 14.
Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow. 2,179,528; Nov. 14.
Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow. 2,180,618; Nov. 21.
Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow. 2,181,410; Nov. 28.
Strandlund, Carl G., assignor to Deere & Company, Moline, Ill. Plow. 2,184,403; Dec. 26.
Strandt, Gustav E., Milwaukee, Wis. Support for fishing rods and poles. 2,178,655; Nov. 7.
Strang, Cortland J. (See Wood, H. A. W., and Strang.)
Strang, John M., assignor to Barr and Stroud, Limited, Anniesland, Glasgow, Scotland. Telescope observation instrument. 2,171,360; Aug. 29.
Strange, Charles C., et al. (See Pilblad, Eric J., assignor.)
Strange, Eli W., Lansing, Mich. Field coil assembly puller. 2,174,451; Sept. 26.
Strange, John W., Acton, London, and W. H. Connell, Hillingdon, assignors to Electric & Musical Industries Limited, Hayes, Middlesex, England. Electron discharge device. 2,158,640; May 16.
Strash, Lewis, Mays Landing, N. J., assignor to R. Jones, Washington, D. C. Coin controlled game. 2,176,110; Oct. 17.
Strassberger, Lothar. (See Serini, A., Strassberger, and Butenandt.)
Strassberger, Lothar. (See Serini, A., Strassberger, and Logemann.)
Strassberger, Lothar, Berlin-Wilmersdorf, and H. Jacobi, Berlin-Charlottenburg, Germany, assignors to Schering Corporation, Bloomfield, N. J. Valuable degradation products of sterols and producing the same. 2,180,095; Nov. 14.
Strassenburg, Hans, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Scale used for radio apparatus or the like. 2,173,503; Sept. 19.
Strasser, Max, assignor to Gebrüder Strasser, Erfurt, Germany. Tooth brush. 2,168,964; Aug. 8.
Strassweg, Herbert A. (See Hungate, J. B., and Strassweg.)
Stratford, Herbert. (See Quinlan, Hollis J., assignor.)
Stratford, Herbert R., Cleveland, Ohio, assignor to The Stratmore Company, Wilmington, Del. Waterproof abrasive article. 2,174,902; Oct. 3.
Stratford, William M., Mamaroneck, assignor to The Texas Company, New York, N. Y. Preparation of motor fuels. 2,177,421; Oct. 24.
Stratman, Hugo J., Terraville, S. Dak. Door latch. 2,167,594; July 25.
Stratmore Company, The. (See Stratford, Herbert R., assignor.)
Stratton, Edwin T., Memphis, Tenn. Bulb and battery tester. 2,155,778; Apr. 25.
Stratton, Frank E. (See Kennison, F., and Stratton.)
Stratton, Glen S., Chicago, assignor of one-half to A. O. Hurja, Oak Park, Ill., and one-fourth to H. L. Stratton, Omaha, Nebr. Cigarette package. 2,158,971; May 16.
Stratton, Hazel L., et al. (See Stratton, Glen S., assignor.)
Stratton, John F. O., assignor to J. O. Ross Engineering Corporation, New York, N. Y. Heat insulating wall. 2,175,579; Oct. 10.
Stratton & Terstegge Co. (See Nelson, Howard M., assignor.)
Straty, Stephen, assignor to A. O. Smith Corporation, Milwaukee, Wis. Alloy-lined tubular connection for vessels. 2,157,357; May 9.
Straub, Francis J., New Kensington, Pa. Storage apparatus. 2,146,409; Feb. 7.
Straub, Fritz, Basel, H. Schneider, Riehen, and P. Pieth, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. 4-nitro-2-amino-1-hydroxynaphthalene sulphonic acids and making same. 2,149,474; Mar. 7.
Straub, Fritz, and W. Anderau, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Process for the production of fast tints on cellulosic fibers. 2,148,659; Feb. 28.
Straub, Fritz, Basel and H. Schneider, Riehen, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Dyeing animal fibers with complex chromium compounds of azo dyestuffs. 2,153,701; Apr. 11.
Straub, Fritz, and P. Pieth, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Substituted erinaphthindandiones. 2,163,110; June 20.
Straub, Fritz, and P. Pieth, Basel, and H. Schneider, Riehen, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Complex metal compounds of azo dyestuffs and making same. 2,171,838; Sept. 5.
Straub, Fritz, and W. Widmer, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Azo dyestuffs and making same. 2,178,054; Oct. 31.
Straub, Fritz, Basel, and W. Hanhart, Riehen, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of complex metal compounds of polyazo dyestuffs. 2,180,776; Nov. 21.
Straubel, C. W., et al. (See Straubel, Frederick L. G., assignor.)
Straubel, Frederick L. G., assignor of one-eighth to O. C. Straubel, Green Bay, Wis., and two-eighths to C. W. Straubel, Youngstown, Ohio. Index card carrier. 2,157,358; May 9.
Straubel, O. C., et al. (See Straubel, Frederick L. G., assignor.)
Straubel, Rudolf, Jena, Germany. Optical system for searchlights. 2,170,979; Aug. 29.
Strauch, Clauss B., New York, N. Y., assignor ot Minnesota Mining & Manufacturing Company, St. Paul, Minn. Adhesive tape. 2,164,359; July 4.
Strauch, Clauss B., New York, N. Y., assignor to Minnesota Mining & Manuacturing Company, St. Paul, Minn. Wound dressing. 2,164,360; July 4.
Strauch, Clauss B., New York, N. Y., assignor to Hartford-Empire Company, Hartford, Conn. Cigarette tip. 2,171,770; Sept. 5.
Strauch, Hugo, Krefeld-Uerdingen, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Floor and wall covering material. 2,175,096; Oct. 3.
Strause, Harry, Philadelphia, Pa. Toaster for electric ranges. 2,155,623; Apr. 25.
Strauss, Annette, et al., executors. (See Strauss, Joseph B., assignor.)
Strauss, Bernhard E., Watertown, and H. Faultersack; said Strauss assignor to A. Testolin, Waukesha, Wis. Car heater and defroster. 2,150,110; Mar. 7.
Strauss, D. C., et al. (See Bonen, Thomas L., assignor.)
Strauss, Frank A., New Brighton, Staten Island, assignor to Wailes Dove-Hermiston Corporation, New York, N. Y. Paint. 2,184,324; Dec. 26.
Strauss, Frida. (See Ruppel, Sigwart.)
Strauss, Frida, née Ruppel. (See Grosse, Vitaly, assignor.)
Strauss, Joseph B., deceased, San Francisco, Calif.; A. Strauss, J. Sparks, and H. C. Clausen, executors. Railway. 2,150,348; Mar. 14.
Strauss, Joseph B., deceased, San Francisco, Calif.; A. Strauss, J. Sparks, and H. Clausen, executors. Rapid transit system. 2,161,105; June 6.
Strauss, Joseph B., deceased, San Francisco, Calif.; A. Strauss, J. Sparks, and H. C. Clausen, executors. Dual trafficway. 2,161,106; June 6.
Strauss, Joseph B., San Francisco, Calif, deceased; A. Strauss, J. Sparks, and H. C. Clausen, executors. Rapid transit system. 2,167,034; July 25.
Strauss, Oscar A., Milwaukee, Wis. Medicinal preparation. 2,168,657; Aug. 8.
Strauss, Oscar A., Milwaukee, Wis. Instrument for vaginal treatment. 2,170,222; Aug. 22.
Straussberger, Hans J. (See Beers, J. L., and Straussberger.)
Strawn, Marion L., assignor to The Ingersoll Milling Machine Company, Rockford, Ill. Control for machine tools. 2,160,920; June 6.
Strawn, Marion L., and A. Oberhoffken, assignors to The Ingersoll Milling Machine Company, Rockford, Ill. Cut-off machine. 2,163,967; June 27.
Strayer, Arthur C., Beaver, Pa. Follower for filing cabinets. 2,166,026; July 11.
Strayer, Arthur C., Beaver, Pa. Filing cabinet or the like. 2,179,904; Nov. 14.
Streb, Robert J. (See Chappell, R. R., Colt, and Streb.)
Strebel, Henry F., Garden City, and J. Kries, Glendale, N. Y. Fire alarm box retention device. 2,175,976; Oct. 10.
Streby, Raymond D., assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel injector. 2,154,785; Apr. 18.
Streck, Charles, assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Switch mechanism. 2,180,022; Nov. 14.

Strecker, Felix, assignor to Siemens & Halske Aktiengesellschaft, Berlin-Siemensstadt, Germany. Amplitude limiting device. 2,144,036; Jan. 17.
Strecker, Felix, Berlin-Siemensstadt, and H. Kimmel, Berlin-Charlottenburg, assignors to Siemens & Halske Aktiengesellschaft, Berlin, Germany. Transmission system. 2,168,589; Aug. 8.
Strecker, Felix, assignor to Siemens & Halske, Aktiengesellschaft, Berlin, Germany. Amplifier feedback suppression. 2,170,878; Aug. 29.
Streckfus, John, L. Schmidt, and H. Godwin, Baltimore, Md. Printer's roller. 2,157,440; May 9.
Streckfuss, Elmer G., assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Time recorder mechanism. 2,171,167; Aug. 29.
Street, Chauncey C., Providence, R. I., assignor to Federal Products Corporation. Shock-absorbing dial indicator. 2,181,077; Nov. 21.
Streeter-Amet Company. (See Basquin, Olin H., assignor.)
Streibel, Ludwig. (See Ehresmann, A., and Streibel.)
Streich, Frank, assignor of one-third to C. H. Canby, Jr., and one-third to H. H. Thompson, Chicago, Ill. Dough twisting machine. 2,144,467; Jan. 17.
Streicher, Johann S., assignor to The American Platinum Works, Newark, N. J. Platinum crucible. 2,142,660; Jan. 3.
Streif, Robert J., Modesto, Calif. Liquid spray device for airplanes. 2,173,568; Sept. 19.
Streitwolf, Frieda, administratrix. (See Streitwolf, Karl., Fehrle, and Herrmann.)
Streitwolf, Karl, deceased (by F. Streitwolf, administratrix), Frankfort-on-the-Main, and A. Fehrle, Bad Soden in Taunus, and W. Herrmann, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Asymmetric arseno compounds. 2,161,538; June 6.
Streitwolf, Karl, deceased, by F. Streitwolf, administratrix, Frankfort-on-the-Main, A. Fehrle, Bad Soden, Taunus, and W. Herrmann, Frankfort-on-the-Main-Hochst, Germany, assignors to Winthrop Chemical Company, Inc., New York, N. Y. Asymmetric arseno compounds. 2,180,778; Nov. 21.
Strem, Thomas, Pittsburgh, Pa. Photographic plate identifying apparatus. 2,146,920; Feb. 14.
Stresen-Reuter, Frederick A., and C. Rimpila, Chicago, Ill., assignors to Fred'k A. Stresen-Reuter, Inc. Water-insoluble metal soap and making the same. 2,175,489; Oct. 10.
Stresen-Reuter, Frederick A., and C. Rimpila, Chicago, Ill., assignors to Fred'k A. Stresen-Reuter, Inc. Alkaline earth metal soap and method of making the same. 2,175,490; Oct. 10.
Stresen-Reuter, Frederick A., and C. Rimpila, Chicago, Ill., assignors to Fred'k A. Stresen-Reuter, Inc. Water-insoluble soap and making the same. 2,175,491; Oct. 10.
Stresen-Reuter, Fred'k A., Inc. (See Stresen-Reuter, F. A., and Rimpila, assignors.)
Stresslor, Marie, executrix. (See Zuber, Ernest A.)
Streun, John A., assignor to Hardwicke-Etter Company, Sherman, Tex. Baling press attachment. 2,169,667; Aug. 15.
Streun, John A., assignor to Hardwicke-Etter Company, Sherman, Tex. Cotton gin. 2,174,143; Sept. 26.
Strezoff, Bogoia, Minneapolis, Minn. Massaging vibrator. 2,149,151; Feb. 28.
Strezoff, Bogoia, Minneapolis, Minn. Massaging vibrator. 2,149,152; Feb. 28.
Strezynski, George J., Poughkeepsie, assignor to The De Laval Separator Company, New York, N. Y. Purifying oils. 2,147,723; Feb. 21.
Strietelmeier, John E., assignor to Bar-B-Buns, Inc., Cincinnati, Ohio. Bun pan. 2,168,006; Aug. 1.
Strike, Nicholas L. (See Gates, A. O., and O. H. and G. Pearson, assignors.)
Stringer, Louis C., Chicago, Ill., assignor to Electronics Supply Corp. High voltage nonarcing selector switch. 2,163,069; June 20.
Stringer, Louis C., Chicago, Ill., assignor to Electronics Supply Corp. Remote control dual button hand switch. 2,163,070; June 20.
Stringer, Louis C., Chicago, Ill., assignor to Electronics Supply Corp. Button forming and wire inserting machine. 2,163,071; June 20.
Stringfellow, James E. (See Hirschman, F. C., Johnson, and Stringfellow.)
Stringfield, Luther T., Raymondville, assignor of forty-nine one hundredths to N. G. Parr, Willacy County, Tex. Clamping device. 2,144,204; Jan. 17.
Strip Tin Plate Company. (See Shover, Barton R., assignor.)
Striffler, Karl A., Nahant, Mass. Shoemaking. 2,144,396; Jan. 17.
Strobel, Christopher A. (See Rose, James R., assignor.)
Stroebel, Howard C. (See Black, J. P., and Stroebel.)
Strobel, Margot, New York, N. Y. Automatic disinfecting device. 2,180,967; Nov. 21.
Strobel, Oskar, Munich, Germany. Sewing machine. 2,157,032; May 2.
Strobel, Roy E., Bakersfield, assignor of one-half to E. Hurst, and one-half to Bank of America National Trust and Savings Association, executor of the estate of F. Hurst, deceased, Ventura, Calif. Boiler feed apparatus. 2,159,345; May 23.
Strobino, Louis J., Bethel, Conn. Apparatus and method for treating animal skins. 2,180,562; Nov. 21.
Strock, Marcus-Boris, Liverpool, England. Device for sterilizing safety razors and blades. 2,177,815; Oct. 31.
Strom, Carl E., South Gate, Calif. Deep well cementing device. 2,159,640; May 23.
Stribeck, Richard, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Etched sparking plug. 2,180,779; Nov. 21.
Stricker, Mildred S., St. Louis, Mo. Infant's harness. 2,184,404; Dec. 26.
Strickland, Horace J., Chicago, Ill. Appliance for correcting bunions. 2,171,247; Aug. 29.
Strickland, Randolph L., assignor to Detroit Aluminum & Brass Corporation, Detroit, Mich. Bearing combination. 2,178,149; Oct. 31.
Strickland, Randolph L., and J. J. Frank, Detroit, Mich. Thin babbitt bearing. 2,173,985; Sept. 26.
Stricklen, Elza A., Del Rio, Tex. Veterinary dose gun. 2,170,599; Aug. 22.
Stricklen, John R., Akron, Ohio, and E. B. Foote, assignors to Taylor Instrument Companies, Rochester, N. Y. Apparatus for controlling industrial processes. 2,179,166; Nov. 7.
Strickler, Herbert M., assignor of one-half to C. S. Orr, Paris, Ky. Extensible furniture leg. 2,149,195; Feb. 28.
Strid, Sven J., assignor to T & S Corporation, Chicago, Ill. Floor clip. 2,152,776; Apr. 4.
Strid, Sven J., assignor to T & S Corporation, Chicago, Ill. Cotter pin. 2,153,440; Apr. 4.
Strid, Sven J., assignor to T & S Corporation, Chicago, Ill. Cotter pin. 2,166,614; July 18.
Striebel, Frederick J., and L. J. Flagg, Millbury, Mass.; said Flagg assignor to said Striebel. Automatic picker rod lubricator. 2,172,716; Sept. 12.
Striegel, Harold L. (See Gustafsson, E., and Striegel.)
Strength, Thomas C., Long Beach, Calif. Deflecting device for well drilling tools. 2,179,567; Nov. 14.
Striefling, Robert S., Detroit, Mich. Cigarette or the like. 2,181,614; Nov. 28.
Striemer, Bruno P., and G. Fisher, St. James, Minn. Automatic speed alarm switch. 2,163,111; June 20.
Strietelmeier, John E., assignor to Bar-B-Buns, Inc., Cincinnati, Ohio. Bun filling device. 2,149,639; Mar. 7.
Strietelmeier, John E., assignor to Bar-B-Buns, Inc., Cincinnati, Ohio. Bun pan. 2,168,005; Aug. 1.
Stromberg-Carlson Telephone Manufacturing Company, The. (See Anderson, Roy S., assignor.)
Stromberg-Carlson Telephone Manufacturing Company, The. (See Levy, Maurice L., assignor.)
Stromberg-Carlson Telephone Manufacturing Company. (See Powell, Winfred T., assignor.)
Stromberg-Carlson Telephone Manufacturing Company. (See Stockton, Jack P., assignor.)
Stromberg, Emil A. (See Mitchell, Henry W., assignor.)
Strömberg, Nils G., and G. Widlund, Stockholm, Sweden. Arrangement for feeding paper sheets. 2,169,400; Aug. 15.
Stromberg, Olof E. E., Chicago, Ill. Brake for trailers. 2,183,371; Dec. 12.
Stromeyer, Charles F., Mount Vernon, assignor to Revelation Patents Holding Company, New York, N. Y. Electrical transmission system. 2,154,783; Apr. 18.
Strominger, Earl, Livermore, Calif. Feed mixer. 2,146,776; Feb. 14.
Stronach, Harry S., Oak Park, Ill. Die construction for making nonsplitting nails. 2,175,228; Oct. 10.
Strong, Carll W. (See Walker, R. M., Jenkins, and Strong.)
Strong, Charles E., and F. C. McLean, London, England, assignors to International Standard Electric Corporation, New York, N. Y. Carrier wave signaling system. 2,167,535; July 25.
Strong, Chester F., New York, N. Y. Control for multi-unit power generating systems. 2,170,918; Aug. 29.
Strong Electric Corporation, The. (See Strong, Harry H., assignor.)
Strong, Harry H., assignor to The Strong Electric Corporation, Toledo, Ohio. Electrode feeding means. 2,160,490; May 30.
Strong, James H., Hightstown, N. J. Parachute training and amusement device. 2,183,594; Dec. 19.
Strong, Lawrence D., Chicago, Ill. Shaving device. 2,185,042; Dec. 26.
Strong, Levi W., San Francisco, Calif. Saw handle. 2,146,777; Feb. 14.
Strong, William E. S., assignor to John B. Pierce Foundation, New York, N. Y. Composite building unit. 2,170,165; Aug. 22.
Strongman, Henry R., New York, N. Y. Examination paper scoring device. 2,142,419; Jan. 3.
Stroop, John, New York, N. Y., assignor to Pad-Y-Wax Company, Inc. Sewing machine and template for use therewith. 2,145,060; Jan. 24.
Stroop, John H., New York, N. Y., assignor of one-half to R. B. Kingman, Orange, N. J. Cleaning applicator. 2,160,921; June 6.
Strosk, Mark, Washington, D. C. Oil burner. 2,179,139; Nov. 7.
Strother, John A., Darien, assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Postage meter counter lock. 2,168,457; Aug. 8.

Stroud, Byron B., assignor to Atlantic States Gas Company, Inc., New York, N. Y. Fuel supply system. 2,155,340; Apr. 18.
Stroud, Charles E., Ford City, assignor to Pittsburgh Plate Glass Company, Allegheney County, Pa. Double window construction. 2,169,713; Aug. 15.
Stroud, Paul G., assignor to Belmont Hosiery Company, Belmont, N. H. Flatwork knitting machine. 2,162,982; June 20.
Stroup, Fred H., Kirkwood, assignor to Wagner Electric Corporation, St. Louis, Mo. Distributing valve. 2,161,642; June 6.
Stroup, Philip T. (See Alden, J. H., Stroup, and Budge.)
Strouse, George C. (See Lubs, H. A., and Strouse.)
Strouse, George C. (See Neal, A. M., and Strouse.)
Strouse, George C., East Aurora, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphur dyes from hydrozy-diarylamines. 2,156,071; Apr. 25.
Strovink, Florian A., Medford, assignor to Bennett Incorporated, Cambridge, Mass. Bottle closure or the like and paperboard therefor. 2,167,783; Aug. 1.
Strube, Edward C., Rome, N. Y., assignor, by mesne assignments, to American Anode Inc., Akron, Ohio. Insulated conductor. 2,179,965; Nov. 14.
Strube, Rudolf, and W. Ewald, Finow/Mark, Germany. Low frequency induction furnace. 2,166,734; July 18.
Strübig, Heinrich, Teltow, near Berlin, Gartenstadt Seehof, assignor to the firm Fernseh Aktien-Gesellschaft, Zehlendorf, near Berlin, Germany. Mosaic plate. 2,154,961; July 4.
Strübig, Heinrich, Teltow, near Berlin, Gartenstadt Seehof, assignor to the firm of Fernseh Aktiengesellschaft, Zehlendorf, near Berlin, Germany. Television picture analyzer. 2,161,643; June 6.
Struck, Frederick A., Golden, Colo. Portable liquid container and filling the same. 2,165,684; July 11.
Struthers Wells-Titusville Corporation. (See How, Harlan W., assignor.)
Strutt, Maximiliaan J. O., and A. van der Ziel, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electron discharge device. 2,173,267; Sept. 19.
Struve, Frederick E., Philadelphia, Pa. Ornamental heel reinforcement for hosiery. 2,160,373; May 30.
Struve, Frederick E., Philadelphia, Pa. Nonrun hosiery. 2,165,520; July 11.
Stružík, FrantiŠek, Petrvald, assignor of one-third to J. Dvorak, Moravska Ostrava-Vitkovice, Chodska, and one-third to K. Pokorny, Moravska Ostrava-Zabreh, Moravska, Czechoslovakia. Plug insert for bore holes for cushion blasting in gaseous mines. 2,164,690; July 4.
Stryker, Albert, Jr., Holland, Mich. Fishhook holder. 2,144,300; Jan. 17.
Stryker, Daniel, White Plains, assignor to The Texas Company, New York, N. Y. Breaking mineral oil emulsions. 2,175,818; Oct. 10.
Stuart, Elizabeth R. B. (See Stuart, Kimberly, assignor.)
Stuart, Elmer H., assignor to Eli Lilly and Company, Indianapolis, Ind. Cinchona sulphanilamide and making it. 2,145,800; Jan. 31.
Stuart, George R., Knoxville, Tenn. Continuous capping machine. 2,143,806; Jan. 10.
Stuart, George R., Knoxville, Tenn. Fill-leveling and overload-removing device. 2,143,807; Jan. 10.
Stuart, Herbert W., Beverly, and H. S. Hunt, Burlington, assignors to United States Pipe and Foundry Company, Burlington, N. J. Mold coating mechanism for metallic centrifugal pipe molds. 2,162,829; June 20.
Stuart, James K., Somarton, V. W. Stacey, Henley Beach, and T. A. Wyle, Ridleyton, South Australia, Australia, assignors, by mesne assignments, to General Motors Corporation, Detroit, Mich. Reversible seat and squab. 2,152,505; Mar. 28.
Stuart, Kenneth B., Denver, Colo., assignor to The Colorado Fuel and Iron Corporation. Active carbon production. 2,162,763; June 20.
Stuart, Kenneth E., Niagara Falls, assignor to Hooker Electrochemical Company, New York, N. Y. Apparatus for increasing the solute content of solvents. 2,173,986; Sept. 26.
Stuart, Kenneth E., Niagara Falls, assignor to Hooker Electrochemical Company, New York, N. Y. Supplying electrolyte to electrolytic cells. 2,183,299; Dec. 12.
Stuart, Kimberly, Neenah, assignor of one-half to E. R. B. Stuart, Menasha, Wis. Cooking and baking utensil. 2,170,040; Aug. 22.
Stuart, Mary W., Brooklyn, N. Y. Shoe protector. 2,145,061; Jan. 24.
Stubbs, Albert, Knutsford, England, assignor to General Electric Company. Plural motor control system. 2,160,687; May 30.
Stubbs, Albert, Knutsford, and R. Townend, Chorlton-cum-Hardy, Manchester, England, assignors to General Electric Company. Electric drive system. 2,185,043; Dec. 26.
Stubbs, Arthur J. (See Simpson, E., Stubbs, and Norcross.)
Stubings, Alfred J., Richmond, assignor to Tilling-Stevens Limited, Maidstone, Kent, England. Engine having diametrically opposed cylinders. 2,170,099; Aug. 22.
Stubnitz-Greene Spring Corporation. (See Caughey, John M., assignor.)
Stubnitz-Greene Spring Corporation. (See Page, J. W., and Jump, assignors.)
Stuber, Walter J., and J. J. Di Ienno, assignors to Carey-McFall Co., Philadelphia, Pa. Cord-locking mechanism for Venetian blinds. 2,175,977; Oct. 10.
Stuck, Harold D., assignor to John W. Bolton & Sons, Inc., Lawrence, Mass. Glued Jordan lining. 2,165,947; July 11.
Stuckey, Samuel G., Affton, assignor to Obear-Nester Glass Company, St. Louis, Mo. Adjustable shears. 2,158,708; May 16.
Stucki, A. (See Severn, Arthur B., assignor.)
Studebaker Corporation, The. (See Britton, L. D., and Hardig, assignors.)
Studebaker Corporation, The. (See Butzbach, Orville K., assignor.)
Studebaker Corporation, The. (See Butzbach, O. K., and Churchill, assignors.)
Studebaker Corporation, The. (See Cole, Roy E., assignor.)
Studebaker Corporation, The. (See Cowles, Thomas L., assignor.)
Studebaker Corporation, The. (See Jaskey, Leo L., assignor.)
Studebaker Corporation, The. (See Jeffries, Schuyler A., assignor.)
Studebaker Corporation, The. (See Matthews, G., and Churchill, assignors.)
Studer, Clair W., and R. G. Roshong, North Canton, and M. Miller, Aultman, assignors to The Hoover Company, North Canton, Ohio. Carpet cleaning composition. 2,165,586; July 11.
Studien & Verwertungs-Aktiengesellschaft. (See Gardner, Daniel, assignor.)
Studien- und Verwertungsgesellschaft mit beschrankter Haftung. (See Fischer, Franz, assignor.)
Studiengesellschaft der Deutschen Lederindustrie G. m. b. H. (See Grassmann, W., and Schelz, assignors.)
Studley, Charles W., assignor to Liberty Glass Co., Sapulpa, Okla. Glass forming machine. 2,152,103; Mar. 28.
Studley, Gerard L., Walpole, assignor to Bird & Son, Inc., East Walpole, Mass. Heavy duty fiberboard keg. 2,152,610; Mar. 28.
Stuebing, W. R., et al. (See King, Clyde H., assignor.)
Stuer, Joseph. (See McCann, J. J., and Stuer.)
Stuerzl, Henry C., Flint, assignor to General Motors Corporation, Detroit, Mich. Instrument lighting. 2,143,174; Jan. 10.
Stuhlfauth, George. (See Kivley, R. C., and Stuhlfauth.)
Stuke, Carl W. (See Pyster, J. N., and Stuke.)
Stull, Faye P., Youngstown, Ohio. Method of and tool for shaping and ironing sheet metal. 2,163,715; June 27.
Stull, John S. (See Wensley, E., and Stull.)
Stull, John S., Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Liquid applying device. 2,172,550; Sept. 12.
Stuller, Earl A., assignor to Western Chain Products Co., Chicago, Ill. Tire chain. 2,165,768; July 11.
Stump, Earl, assignor to Roberts and Schaefer Company, Chicago, Ill. Resistance pack for gravity separators and the like. 2,154,784; Apr. 18.
Stump, Earl, assignor to Roberts and Schaefer Company, Chicago, Ill. Apparatus for gravitationally separating and cleaning coal and the like. 2,156,575; May 2.
Stumpf, George, Bronx, assignor to Automatic Switch Company, New York, N. Y. Guided solenoid core. 2,176,564; Oct. 17.
Stuntz, Chauncey R., Seattle, Wash. Preparing fruit products. 2,155,453; Apr. 25.
Stupell, Leo K. (See Bangs, Ralph C., assignor.)
Stupell, Leo K. (See Knight, Arthur, assignor.)
Stupell, Leo K., New York, N. Y. Jewelry. 2,178,055; Oct. 31.
Stuprich, Frank, Detroit, Mich. Garment cleaning device. 2,183,051; Dec. 12.
Sturdy's, J. F., Sons Company. (See Nelson, Nels T., assignor.)
Sturges, Frank C., Dormont, Pa. Test drill. 2,165,685; July 11.
Sturken, Oswald, Closter, N. J., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Zein composition. 2,156,927; May 2.
Sturken, Oswald, Closter, N. J., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Protein plastic. 2,178,924; Nov. 7.
Sturley, Kenneth R., Chelmsford, England, assignor to Radio Corporation of America. Noise suppression circuits. 2,179,966; Nov. 14.
Sturm, Ernst, Berlin-Lankwitz, and R. Fleischmann, Berlin-Charlottenburg, assignors to Chemische Fabrik Johann a-Wulfing, Berlin, Germany. Heavy metal compounds of sulphydryl keratinic acid and preparing the same. 2,172,717; Sept. 12.
Sturm, Ernst, Berlin-Lankwitz, and R. Fleischmann, assignors to firma Johann A. Wulfing, Berlin, Germany. Preparing metal sulphhydryl compounds from keratin degradation products. 2,180,262; Nov. 14.
Sturm, Frederick M. (Se Arnold, R. H., and Sturm.)
Sturm, Frederick W. (See Jauch, R. J., Sturm, Hinds, and Thompson.)
Sturm, Frederick W., assignor to The Wayne Pump Company, Fort Wayne, Ind. Liquid dispensing apparatus. 2,180,619; Nov. 21.

Sturm, Frederick W., and B. J. Pepper, assignors to The Wayne Pump Company, Fort Wayne, Ind. Liquid dispensing apparatus. 2,182,766; Dec. 5.
Sturmey-Archer Gears Limited. (See Brown, William, assignor.)
Sturtevant, B. F., Company. (See Allen, George W., assignor.)
Sturtevant, B. F., Company. (See Anderson, Samuel M., assignor.)
Sturtevant, B. F., Company. (See Anderson, S. M., and Palmer, assignors.)
Sturtevant, B. F., Company. (See Bartlett, Amos C., assignor.)
Sturtevant, B. F., Company. (See Bentley, Oliver D. H., assignor.)
Sturtevant, B. F., Company. (See Bergstrom, Carl O., assignor.)
Sturtevant, B. F., Company. (See Cano, Vernon, assignor.)
Sturtevant, B. F., Company. (See Cassie, John, assignor.)
Sturtevant, B. F., Company. (See Foss, Benjamin S., assignor.)
Sturtevant, B. F., Company. (See Goldthwaite, George R., assignor.)
Sturtevant, B. F., Company. (See Hagen, Harold F., assignor.)
Sturtevant, B. F., Company. (See Hanson, Milton E., assignor.)
Sturtevant, B. F., Company. (See Hemming, Harold, assignor.)
Sturtevant, B. F., Company. (See Hemming, H., and Sweet, assignors.)
Sturtevant, B. F., Company. (See Lawless, Albert J., assignor.)
Sturtevant, B. F., Company. (See Morton, Harry E., assignor.)
Sturtevant, B. F., Company. (See Palmer, Robert T., assignor.)
Sturtevant, B. F., Company. (See Salt, Lloyd B., assignor.)
Sturtevant, B. F., Company. (See Sewell, H. R., and Palmer, assignors.)
Sturtevant, B. F., Company. (See Stikeleather, Robert M., assignor.)
Sturtevant, B. F., Company, of Hyde Park. (See Finnemore, Harold F., assignor.)
Sturtevant, George D., Cleveland, Ohio. Turbine engine. 2,172,993; Sept. 12.
Sturtz, Clarence, Oconomowoc, Wis. Fur stretching device. 2,163,989; June 27.
Stutsman, Ohmer E., and G. L. Becker, Dayton, Ohio. Bicycle. 2,182,828; Dec. 12.
Stutz, Karl, Canton, Ohio. Scoring device. 2,150,525; Mar. 14.
Stuva, Harry, Corning, Iowa. Tractor cultivator. 2,181,824; Nov. 28.
Stux, Gustav, Vienna, Austria. Irradicated dusting powder. 2,153,653; Apr. 11.
Stybr, Miles A., assignor to International Steel Wool Corporation, Springfield, Ohio. Metallic wool abrading ring. 2,164,286; June 27.
Subick, George, Chicago, Ill. Hanger for trousers. 2,163,295; June 20.
Subkow, Philip, assignor to Union Oil Company of California, Los Angeles, Calif. Preparing oxidized asphalt. 2,172,821; Sept. 12.
Subkow, Philip, Los Angeles, and L. Dillon, San Gabriel, assignors to Union Oil Company of California, Los Angeles, Calif. Subsurface speed-up drilling mechanism. 2,151,646; Mar. 21.
Submarine Signal Company. (See Batchelder, Laurence, assignor.)
Submarine Signal Company. (See Dudley, Oscar E., assignor.)
Submarine Signal Company (See Haines, Kenneth F., assignor.)
Submarine Signal Company. (See Kallmeyer, Wilhelm, assignor.)
Submarine Signal Company. (See Kunze, Willy, assignor.)
Submarine Signal Company. (See Pfeiffer, Herman F., assignor.)
Submarine Signal Company. (See Satterlee, Howard A., assignor.)
Submarine Signal Company. (See Smith, Edward W., assignor.)
Submarine Signal Company. (See Turner, Edwin E., Jr., assignor.)
Submarine Signal Company. (See Williams, Robert L., assignor.)
Suchanek, Frank J. (See Horansky C., and Suchanek.)
Suchanek, Frank V., New Rochelle, N. Y. Rumble seat method and means. 2,164,435; July 4.
Sucharski, Chester J., South Milwaukee, and A. W. Lees, Racine, Wis. Heating device. 2,158,258; May 16.
Suchy, Robert. (See Lang, H., Suchy, and Seliger.)
Suckfüll, Fritz, Leverkusen-Wiesdorf, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,163,251; June 20.
Suddarth, Edward J., Wichita, Kans. Cleanser and sterilizer for milk and cream containers. 2,144,468; Jan. 17.
Suddarth, Hugh. (See Huffman, J. D., and Wilkinson, assignors.)
Süddeutsche Apparate-Fabrik G. m. b. H. (See Geisler, O., and Herrmann, assignors.)
Suddeutsche Apparate-Fabrik G. m. b. H. (See Kalbskopf, Walter, assignor.)
Sudell, Frank, Roxborough, assignor to La France Industries, Philadelphia, Pa. Bath mat, etc. 2,144,555; Jan. 17.
Sudlow, Edmund W. (See Fuller, L., and Sudlow.)
Sudmann, Alfred, Vegesack, Germany. Cuff link. 2,184,230; Dec. 19.
Sugarman, Barney, assignor to Fort Smith Structural Steel Company, Fort Smith, Ark. Brake cylinder mounting for vehicles. 2,163,896; June 27.
Suggs, Thomas F. (See Whitener, E. K., and Suggs.)
Suhayda, George, New York, N. Y. Adjustable razor sharpener. 2,151,450; Mar. 21.
Suhm, Charles E., and L. S. Ankenbruck, Houston, assignors of one-fourth to A. Cossette and one-fourth to P. J. Hesse, Harris County, Tex. Pump rod assembly. Re. 21,114; June 13.
Suiter, Charles and H. R., Detroit, Mich. Building construction. 2,165,686; July 11.
Suiter, Harold R. (See Suiter, Charles and H. R.)
Suiter, William L. (See Hartmann, J., and Campbell, assignors.)
Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Production of pulsatory light. 2,154,317; Apr. 11.
Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Power system and control therefor. 2,157,926; May 9.
Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Regulating system. 2,160,605; May 30.
Suits, Chauncey G., Schenectady, N. Y., assignor to General Electric Company. Submarine signaling. 2,167,536; July 25.
Sulentic, Nicholas, Waterloo, Iowa. Demountable stand. 2,147,759; Feb. 21.
Sulflo Corporation of America. (See Abrams, Victor R., assignor.)
Sullenger, Merle V. (See Wallace, J. D., and Sullenger.)
Sullinger, Ferris W., Coral Gables, Fla., assignor to Pan American Airways Corporation, Jersey City, N. J. Precision radio dial. 2,143,665; Jan. 10.
Sullinger, Ferris W., Coral Gables, Fla., assignor to Pan American Airways Corporation, Jersey City, N. J. Direction finder. 2,166,100; July 11.
Sullinger, Ferris W., Coral Gables, Fla., assignor to Pan American Airways Corporation, Jersey City, N. J. Direction finder. 2,174,015; Sept. 26.
Sullinger, Ferris W., Coral Gables, Fla., assignor to Pan American Airways Corporation, Jersey City, N. J. Direction finder. 2,174,016; Sept. 26.
Sullinger, Ferris W., Coral Gables, Fla., and H. C. Leuteritz, Rockville Centre, N. Y., assignors to Pan American Airways Corporation, Jersey City, N. J. Direction finder. 2,174,014; Sept. 26.
Sullinger, Ferris W., Coral Gables, and C. W. Winter, Jr., Coconut Grove, Fla., assignors to Pan American Airways Corporation, Jersey City, N. J. Goniometer. 2,174,017; Sept. 26.
Sullivan, Albert V., assignor to California Packing Corporation, San Francisco, Calif. Automatic fish-cleaning device. 2,142,420; Jan. 3.
Sullivan, Cornelius. (See Plummer, J. L., and Sullivan.)
Sullivan, Donnell A., Dearborn, Mich. Intake manifold. 2,160,922; June 6.
Sullivan, Eugene C., assignor to Corning Glass Works, Corning, N. Y. Glass melting furnace and using the same. 2,162,983; June 20.
Sullivan, Eugene E., Chicago, Ill., assignor to Queen Anne Candy Company. Display rack. 2,166,708; July 18.
Sullivan, Francis W. (See Turner, R. R., and Sullivan.)
Sullivan, Francis W., Cranston, R. I., assignor to United Wire & Supply Corporation. Combination capillary tube and bulb and making same. 2,170,612; Aug. 22.
Sullivan, Francis W., Cranston, R. I., assignor to United Wire & Supply Corporation. Package for a length of tubular material. 2,183,876; Dec. 19.
Sullivan, Frank E., Duluth, Minn. Animated artificial animal. 2,176,936; Oct. 24.
Sullivan, Frank J., Oshkosh, Wis. Bladed structure and producing same. 2,157,441; May 9.
Sullivan, Frank J., Oshkosh, Wis. Bladed structure. 2,181,592; Nov. 28.
Sullivan, Frederick W., Jr., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Making metal alkyls. 2,148,138; Feb. 21.
Sullivan, Frederick W., Jr., and R. F. Ruthruff, Hammond, Ind., assignors to Standard Oil Company, Chicago, Ill. Polymerization of hydrocarbon gases. 2,145,900; Feb. 7.
Sullivan, Frederick W., Jr., Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Converting hydrocarbon oils. 2,166,933; July 25.
Sullivan, Frederick W., Jr., Flossmoor, assignor to Standard Oil Company, Chicago, Ill. Lubricant. 2,174,019; Sept. 26.
Sullivan, J., & Sons Mfg. Co. (See Bux, J. R., and Francis, assignors.)
Sullivan, James. (See Bernholz, H., and Sullivan.)
Sullivan, John D. (See Pavlish, A. E., and Sullivan.)

Sullivan, John D., assignor to Battelle Memorial Institute, Columbus, Ohio. Refractory material. 2,160,923; June 6.
Sullivan John D., assignor to Battelle Memorial Institute, Columbus, Ohio. Refractory material. 2,160,924; June 6.
Sullivan, Joseph M., Jackson Heights, N. Y. Reflector microscope. 2,182,099; Dec. 5.
Sullivan Machinery Company. (See Alexander, William M., assignor.)
Sullivan Machinery Company. (See Butler, Robert S., assignor.)
Sullivan Machinery Company. (See Campbell, Roy E., assignor.)
Sullivan Machinery Company. (See Clapp, Lewis J., assignor.)
Sullivan Machinery Company. (See Cornelius, Paul D., assignor.)
Sullivan Machinery Company. (See Curtis, John C., assignor.)
Sullivan Machinery Company. (See Ferguson, Alexander D., assignor.)
Sullivan Machinery Company. (See Galambos, Louis A., Jr., assignor.)
Sullivan Machinery Company. (See Gartin, Elmer G., assignor.)
Sullivan Machinery Company. (See Graham, James G., assignor.)
Sullivan Machinery Company. (See Johansen, Harry C., assignor.)
Sullivan Machinery Company. (See Joy, Joseph F., assignor.)
Sullivan Machinery Company. (See Joy, J. F., and Baldwin, assignors.)
Sullivan Machinery Company. (See Holmes, Morris P., assignor.)
Sullivan Machinery Company. (See Lamberton, Ralph E., assignor.)
Sullivan Machinery Company. (See Maxson, Louis A., assignor.)
Sullivan Machinery Company. (See Milier, Clifton W., assignor.)
Sullivan Machinery Company. (See Nast, Paul H., assignor.)
Sullivan Machinery Company. (See Noble, Warren, assignor.)
Sullivan Machinery Company. (See Osgood, Charles F., assignor.)
Sullivan Machinery Company. (See Paget, Win W., assignor.)
Sullivan Machinery Company. (See Reilly, John L., assignor.)
Sullivan Machinery Company. (See Simmons, Leon E., assignor.)
Sulzer Frères, Société Anonyme. (See Steiner, Hans, assignor.)
Sullivan Machinery Company. (See Wineman, Wade H., assignor.)
Sullivan Machinery Company. (See Wyman, Charles W., assignor.)
Sullivan, Michael B., Spokane, Wash. Bus seat safety device. 2,154,540; Apr. 18.
Sullivan, Michael B., Spokane, Wash. Seat guard. 2,168,919; Aug. 8.
Sullivan, Michael J., Springfield, Ohio. Rotary cleaner for sewers and flues. 2,169,543; Aug. 15.
Sullivan, Pike H., assignor to Process Management Company, Inc., New York, N. Y. Conversion of gaseous hydrocarbons. 2,173,456; Sept. 19.
Sullivan, Ray H., assignor to Borg-Warner Corporation, Chicago, Ill. Bicycle. 2,145,436; Jan. 31.
Sullivan, Raymond H., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Direct current converter system. 2,156,708; May 2.
Sullivan, Raymond H., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. System of converting direct current. 2,171,279; Aug. 29.
Sullivan, Raymond H., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Oil burner control-variable resistance with temperature type. 2,171,955; Sept. 5.
Sullivan, Roy W., Wilmington, Del., assignor, by mesne assignments, to E. I. du Pont de Nemours and Company. Making calcium sulphate. 2,151,339; Mar. 21.
Sullivan, Roy W., Richardson Park, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Calcium sulphate pigments. 2,163,385; June 20.
Sullivan, Roy W., Cragmere, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Stabilization of soluble crystalline materials. 2,177,269; Oct. 24.
Sullivan, Warren L., assignor to Paragon Revolute Corporation, Rochester, N. Y. Combined blue print machine and drier. 2,179,026; Nov. 7.
Sullivan, Woodruff T., Norwich, Conn. Shuttleless loom. 2,170,770; Aug. 22.
Sullivan, Woodruff T., Norwich, Conn. Weft cutting device. 2,175,787; Oct. 10.
Sullivan, Woodruff T., Norwich, Conn. Selvage forming device. 2,179,069; Nov. 7.
Sully, Bernard T. D. (See Durrans, T. H., and Sully.)
Sulzer Frères, Société Anonyme. (See Brunner, Adolf, assignor.)
Sulzer Freres Société Anonyme. (See Egloff, H. Conrad, assignor.)
Sulzer Frères, Société Anonyme. (See Heinzelmann, Hans, assignor.)
Sulzer Freres Société Anonyme. (See Kägi, Emil, assignor.)
Sulzer Frères, Société Anonyme. (See Moessinger, Albert, assignor.)
Sulzer Frères, Société Anonyme. (See Retschy Curt, assignor.)
Sulzer Freres, Societe Anonyme. (See Schlaepfer, Oskar, assignor.)
Sulzer Frères, Société Anonyme. (See Steiner, Hans, assignor.)
Sulzer Frères, Société Anonyme. (See Waeber, Erwin, assignor.)
Sulzer Freres, Société Anonyme. (See Wälti, Heinrich, assignor.)
Sulzer, Gebruder, Aktiengesellschaft. (See Hefti, Ernst, assignor.)
Sumitomo Kinzoku-Kogyo Kabushiki Kaisha. (See Igarashi, I., and Kitahara, assignors.)
Summers, Austin P., assignor of one-half to C. G. Ekholm, Spokane, Wash. Window screen. 2,180,780; Nov. 21.
Summers, Caleb E., Pontiac, assignor to General Motors Corporation, Detroit, Mich. Composite piston. 2,162,830; June 20.
Summers, Earl G., Clendenin, W. Va. Method and apparatus for intercepting oil well casing gases during a welding operation. 2,175,137; Oct. 3.
Summit Mold & Machine Company, The. (See Brundage, James W., assignor.)
Sumner, Frank. (See Sumner, George V., assignor.)
Sumner, George V., Columbia, S. C., assignor of one-half to F. Sumner, Montreal, Quebec, Canada. Oil press mat. 2,164,127; June 27.
Sumner, Raymond S., Audubon, N. J., assignor to Radio Corporation of America. Moving picture apparatus. 2,174,020; Sept. 26.
Sumner, Raymond S., Audubon, N. J., assignor to Radio Corporation of America. Sound film splice. 2,183,947; Dec. 19.
Sun Oil Company. (See Barton, Paul D., assignor.)
Sun Oil Company. (See Cooke, M. B., and Petty, assignors.)
Sun Oil Company. (See Heller, Harry, assignor.)
Sun Oil Company. (See Pearson, John M., assignor.)
Sun Oil Company. (See Vose, Richard S., assignor.)
Sun Shipbuilding & Dry Dock Company. (See Burke, Richard L., assignor.)
Sun Shipbuilding & Dry Dock Company. (See Howard, Cecil D., assignor.)
Sun Tube Corporation, The. (See Fridén, John H., assignor.)
Sunair Auto Top Company. (See Creteur, Rudolph W., assignor.)
Sunbeam Electric Manufacturing Company. (See Dennedy, James H., assignor.)
Sundak, Inc. (See Ellsworth, Harold D., assignor.)
Sundback, Gideon, Meadville, Pa., assignor to Talon, Inc. Separable fastener. 2,146,691; Feb. 7.
Sundback, Gideon, assignor to Talon, Inc., Meadville, Pa. Manufacturing separable fasteners. 2,169,177; Aug. 8.
Sundback, Gideon, assignor to Talon, Inc., Meadville, Pa. Machine for making fastener stringers. 2,169,178; Aug. 8.
Sundberg, Otto H., Brockton, Mass. Shoe heel clamp. 2,183,052; Dec. 12.
Sundee, John R., assignor to Buffalo Jewelry Case Co., Inc., Buffalo, N. Y. Jewelry box. 2,180,885; Nov. 21.
Sundem, Martin H., Vancouver, Wash. Traction chain fastener. 2,161,186; June 13.
Sunderhauf, Frederick A., Rutherford, N. J., assignor to Reynolds Metals Company, Richmond, Va. Magazine merchandise dispenser. 2,142,534; Jan. 3.
Sunderhauf, Frederick A., Rutherford, N. J., assignor to Reynolds Metals Company, New York, N. Y. Collapsible illuminated display. 2,148,179; Feb. 21.
Sunderhauf, Frederick A., Rutherford, N. J., assignor to Reynolds Metals Company, Richmond, Va. Illuminated tire sign. 2,177,467; Oct. 24.
Sunderland, Alfred E. (See Moritz, A. J. L., van Dobbenburgh, Sunderland, and Thurmond.)
Sunderland, Alfred E., Asheville, assignor to American Enka Corporation, Enka, N. C. Treatment of artificial silk. 2,164,479; July 4.
Sunderland, Henry. (See Bigg, H. T., and Sunderland.)
Sunderland, Winfield W. (See Britton, E. C., Smith, Livak, and Sunderland.)
Sundstrand Machine Tool Co. (See Ades, Lewis B., assignor.)
Sundstrand Machine Tool Co. (See Granberg, B., and Sinderson, assignors.)
Sundstrand Machine Tool Co. (See Granberg, Bengt R., assignor.)
Sundstrand Machine Tool Co. (See Granberg, B. R., and Ericson, assignors.)
Sundstrand Machine Tool Co. (See La Pointe, Francis J., assignor.)
Sundstrand Machine Tool Co. (See Swanson, Fred R., assignor.)
Sundstrand, Oscar J., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Keyboard for power-driven writing machines. 2,155,998; Apr. 25.

Sundstrand, Oscar J., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Algebraic totalizer. 2,160,296; May 30.
Sundstrom, Gabriel E., assignor to Sundstrom Pressed Steel Co., Chicago, Ill. Loudspeaker and making same. 2,174,355; Sept. 26.
Sundstrom Pressed Steel Co. (See Sundstrom, Gabriel E., assignor.)
Sundt, Vigo V. (See Senger, W. I., and Sundt.)
Sunfelt, Emil G., Seattle, Wash. Rotary ball mill. 2,183,156; Dec. 12.
Sunlite Mfg. Company. (See Schultz, L., and Maage, assignors.)
Sun Rubber Company, The. (See Hugus, F. S., and Lower, assignors.)
Sunshine, Herbert S., assignor to Epiphone, Inc., New York, N. Y. Magnetoelectric pick-up device for stringed musical instruments. 2,175,325; Oct. 10.
Sun Shipbuilding & Dry Dock Company. (See Barraja-Frauenfelder, Joseph, assignor.)
Sun Tube Corporation, The. (See Friden, John H., assignor.)
Sun-Vic Controls Limited. (See Rozumek, Ernst, assignor.)
Suozzi, Joseph, New York, N. Y. Hair cutting machine. 2,184,981; Dec. 26.
Super Diesel Tractor Corporation. (See Scott, Philip L., assignor.)
Superheater Company, The. (See Armacost, Wilbur H., assignor.)
Superheater Company, The. (See Barnes, John A., assignor.)
Superheater Company, The. (See Rawson, Emanuel, assignor.)
Superheater Company, The. (See Shane, William, assignor.)
Superior Body Company. (See Krogh, Peter O., assignor.)
Superior Fastener Corporation. (See Jorgensen, Clarence W., assignor.)
Superior Felt & Bedding Co. (See Bowersox, Joseph W., assignor.)
Superior Felt & Bedding Company. (See De Marco, Louis, Jr., assignor.)
Superior Hand Brake Company. (See Smith, Henry C., assignor.)
Superior Products Manufacturing Company. (See Wilcox, John F., assignor.)
Superior Seal & Stamp Company. (See Christen, Victor H., assignor.)
Superior Zinc Corporation. (See Pearlman, Martin M., assignor.)
Super Ironer Corporation. (See Folger, Everett F., assignor.)
Super Mold Corporation. (See Beckman, George O., assignor.)
Super Mold Corporation of California. (See Beckman, George O., assignor.)
Super Mold Corporation of California. (See Glynn, Edwin A., assignor.)
Super Speed Press Corporation. (See Klingler, Francis, assignor.)
Supplee, George C. (See Dorcas, M. J., Supplee, and Remesch.)
Supplee, George C., Bainbridge, assignor to The Borden Company, New York, N. Y. Treatment of whey. 2,173,922; Sept. 26.
Supreme Knitting Machine Co. (See Agulnek, Harry, assignor.)
Surafer (Inc.) (See Sargent, William D., assignor.)
Surbeck, Leighton H., New York, N. Y. Needle-threading device. 2,179,834; Nov. 14.
Surdy, Charles J. (See Lower, N. M., and Surdy.)
Surdy, Charles J. (See Turner, E. A., and Surdy.)
Surdy, Charles J., Tuckahoe, N. Y., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 2,155,624; Apr. 25.
Surdy, Charles J., Tuckahoe, N. Y., assignor to The Standard Stoker Company, Incorporated. Locomotive stoker. 2,164,726; July 4.
Surdy, Charles J., Scarsdale, N. Y., assignor to The Standard Stoker Company, Incorporated. Locomotive tender. 2,176,596; Oct. 17.
Surdy, Charles J., Tuckahoe, and E. A. Turner, New York, N. Y., assignors to The Standard Stoker Company, Incorporated. Stoker. 2,182,505; Dec. 5.
Surface Combustion Corporation. (See Barber, Hugh B., assignor.)
Surface Combustion Corporation. (See Branche, Nelson T., assignor.)
Surface Combustion Corporation. (See Cone, Carroll, assignor.)
Surface Combustion Corporation. (See Cowan, Roysel J., assignor.)
Surface Combustion Corporation. (See de Coriolis, Ernest G., assignor.)
Surface Combustion Corporation. (See Hepburn, W. M., and Munford, assignors.)
Surface Combustion Corporation. (See Kelley, Gilbert A., assignor.)
Surface Combustion Corporation. (See McDermott, George R., assignor.)
Surface Combustion Corporation. (See Schramm, Henry W., assignor.)
Surface Combustion Corporation. (See Weller, Harvey C., assignor.)
Surftex Inc. (See Spordick, Louis, assignor.)
Surges, Albert P., and R. R. Loughary, Seattle, Wash. Adjustable drape rod. 2,147,998; Feb. 21.
Surgident, Ltd. (See Harrison, Laurence E., assignor.)
Suris, José, Habana, Cuba. Vehicle wheel. 2,165,185; July 4.
Surprenant, Albert H., Cambridge, Mass. Electrical connector. 2,149,196; Feb. 28.
Surrows, Victor T., Brooklyn, N. Y. Jewelry chain. 2,172,525; Sept. 12.
Süs, Oskar. (See Schmidt, M. P., and Süs.)
Süs, Oskar. (See Schmidt, M. P., Süs, and Werner.)
Süssenguth, Otto, Erkner, near Berlin, assignor to Bakelite Gesellschaft mit Beschränkter Haftung, Berlin, Germany. Condensation products from formaldehyde and urea. 2,163,264; June 20.
Sussin, Max, assignor to R. R. Robertson, Chicago, Ill. Suction printing frame. 2,170,622; Aug. 22.
Sussman, Paul. (See Enriquez, A. D., and Sussman.)
Sussman, Riva, New York, N. Y. Detachable cover for quilts and the like. 2,183,360; Dec. 12.
Sussman, Wormser & Co. (See Carroll, Ellsworth W., assignor.)
Sutcliff, John F., New York, N. Y. Water pump device. 2,167,493; July 25.
Sutcliffe, Arthur G., assignor, by mesne assignments, to Ilg Electric Ventilating Co., Chicago, Ill. Blower. 2,166,647; July 18.
Sutcliffe, Edgar R., Lowton, Newton-le-Willows, and W. E. Edwards, Leigh; said Edwards assignor to Sutcliffe, Speakman & Company Limited, Leigh, Lancashire, England. Adsorbent filter. 2,181,672; Nov. 28.
Sutcliffe, Harry L., Brooklyn, assignor to The Del-Mac Shoe Process Corporation, New York, N. Y. Apparatus for use in making shoes. 2,170,837; Aug. 29.
Sutcliffe, Harry L., Brooklyn, assignor to The Del-Mac Shoe Process Corporation, New York, N. Y. Combination counter and stiffening member for shoes. 2,177,030; Oct. 24.
Sutcliffe, Speakman & Company Limited. (See Sutcliffe, E. R., and (Edwards, assignor).)
Suth, Jack, Houston, Tex. Well drilling machine. 2,151,057; Mar. 21.
Sutherland, Andrew E., Madrid, Iowa. Track leveling device for farm tractors. 2,160,524; May 30.
Sutherland, Daniel M., Jr., Morrisville, Pa., assignor to L. M. Sutherland, Trenton, N. J., and D. G. Sutherland, Morrisville, Pa. Fiber pulp refiner. 2,156,320; May 2.
Sutherland, Daniel M., Jr., Morrisville, Pa., assignor to L. M. Sutherland, Trenton, N. J., and D. G. Sutherland, Morrisville, Pa. Fiber pulp refiner. 2,156,321; May 2.
Sutherland, Donald W., Sioux Falls, S. Dak., assignor to Servel, Inc., New York, N. Y. Refrigerator. 2,149,821; Mar. 7.
Sutherland, Douglas G., et al. (See Sutherland, Daniel M., Jr., assignor.)
Sutherland, Leslie T., Yonkers, assignor to The Barrett Company, New York, N. Y. Resin manufacture. 2,154,541; Apr. 18.
Sutherland, Lionel M., et al. (See Sutherland, Daniel M., Jr., assignor.)
Sutherland Paper Company. (See Annen, James E., assignor.)
Sutherland Paper Company. (See McAleer, Charles F., assignor.)
Sutherland Paper Company. (See Rutledge, Robert E., assignor.)
Sutherland Paper Company. (See Sherwood, A. L., and Annen, assignors.)
Sutkowski, Alexander, St. Louis, Mo. Smoke destroyer. 2,150,614; Mar. 14.
Sutliff, Wayne N., Bakersfield, assignor to M. O. Johnston, Glendale, Calif. Vibrating well jar. 2,146,454; Feb. 7.
Sutter, Frederic E., West Caldwell, N. J., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Fusible material. 2,158,870; May 16.
Sutter, Roser B., Newark, N. J. Tobacco smoke purifier. 2,172,946; Sept. 12.
Sütterlin, Walther, Bitterfeld, and H. Wassenegger, Dessau in Anhalt, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing a product having cation-exchanging properties from lignite or peat. 2,172,301; Sept. 5.
Sutton, Charles Z., Piedmont, Calif. Dispensing machine. 2,174,539; Oct. 3.
Sutton, Clarence M., Detroit, Mich. Collet. 2,161,939; June 13.
Sutton, Earl D., Newark, Ohio, assignor to The Pure Oil Company, Chicago, Ill. Sweetening hydrocarbon oils. 2,157,223; May 9.
Sutton, Frederick. (See Stark, M., and Sutton.)
Sutton, George W., Merton Park, London, assignor to Siemens Brothers & Company Limited, London, England. Circuit arrangement for telephone systems. 2,157,927; May 9.
Sutton, George W., assignor to Siemens Brothers & Company, Limited, London, England. Microphone. 2,179,733; Nov. 14.
Sutton, Henry M., and E. G. Steele, Dallas, Tex. Apparatus for accurate pnuematic separation of particles of a mass. 2,163,332; June 20.
Sutton, John C., assignor to The Brearley Company, Rockford, Ill. Bathroom scale. 2,147,936; Feb. 21.

Sutton, Marion E., Jacksonville, Fla. Stump puller. 2,162,448; June 13.
Sutton, Robert J., assignor to Edison General Electric Appliance Company, Inc., Chicago, Ill. Connector structure. 2,172,181; Sept. 5.
Sutton, Stanford M. (See Hardesty, J. M., and Sutton.)
Sutton, Steele & Steele, Inc. (See Knight, Frank L., assignor.)
Sutton, Wilson L. (See de Ganahl, C., and Sutton.)
Sutton, Wilson L., assignor to Fleetwings, Inc., Bristol, Pa. Tank. 2,144,945; Jan. 24.
Sutton, Wilson L., assignor to Fleetwings, Inc., Bristol, Pa. Linkage system. 2,184,260; Dec. 19.
Suvanto, Edward W. (See Conlon, F., and Suvanto.)
Suverkrup, Herbert F., San Bernardino, Calif. Means to load vehicles. 2,156,438; May 2.
Suys, Ferdinand, Meysse, assignor to Société pour le Perfectionnement et l'Exploitation des Transmissions Mecaniques (Perfectrans), Brussels, Belgium. Variable speed transmission device. 2,142,421; Jan. 3.
Svadlenak, Rudolph, Taft, Tex. Testing tool. 2,152,980; Apr. 4.
Svendsen, Svend S., Madison, Wis., assignor, by mesne assignments, to The Sherwin-Williams Company, Cleveland, Ohio. Pigment. 2,165,315; July 11.
Svendsen, Svend S., Madison, Wis., assignor, by mesne assignments, to The Sherwin-Williams Company, Cleveland, Ohio. Treating iron fluoride. 2,167,784; Aug. 1.
Svenska Ackumulator Aktiebolaget Junger. (See Rydberg, Gustav G. H., assignor.)
Svenska Aktiebolaget Bromsregulator. (See Browall, Bert H., assignor.)
Svenska Aktiebolaget Gasaccumulator. (See Hallström, Nils A. I., assignor.)
Svenson, Ernest J., Rockford, Ill. Material working apparatus. 2,178,364; Oct. 31.
Svenson, Ernest J., assignor to John S. Barnes Corporation, Rockford, Ill. Hydraulic control and actuator mechanism. 2,174,850; Oct. 3.
Svenson, Sven, San Francisco, Calif. Stapler. 2,176,937; Oct. 24.
Svensson, Frans H. G. and J. E. W., Lillsjodal, Sweden. Saw sharpening apparatus. 2,152,931; Apr. 4.
Svensson, John E. W. (See Svensson, Frans H. G. and J. E. W.)
Svensson, Karl J., Alsten, Sweden, assignor to The De Laval Separator Company, New York, N. Y. Regulable and power consuming reducing discharge device for centrifugal separators. 2,169,300; Aug. 15.
Svet, Matija, Sheffield, Pa. Saw filing tool and gauge. 2,162,037; June 13.
Svistounoff, Boris, Issy-les-Moulineaux, France. Ignition device for engines. 2,167,269; July 25.
Svoboda, Fred J., Berwyn, Ill. Breaker point operating mechanism. 2,181,713; Nov. 28.
Swager, William F., assignor of one-half to H. G. Fitzgerald, Los Angeles, Calif. Device for preparing coffee. 2,154,963; Apr. 18.
Swaggerty, Emmaline, administratrix. (See Swaggerty, Stuart B.)
Swaggerty, Stuart B., deceased, Nashville, Tenn.; E. Swaggerty, administratrix. Supporting and applying harness for cruppers. 2,150,526; Mar. 14.
Swain, Robert P. (See Dove, G. H., assignor.)
Swaine, James W., Bayside, assignor to General Chemical Company, New York, N. Y. Manufacture of lead arsenate. 2,184,890; Dec. 26.
Swallen, Lloyd C., Pekin, Ill., assignor to Resinox Corporation, New York, N. Y. Alpha-ethyl beta-propyl acrolein resins. 2,150,137; Mar. 7.
Swallen, Lloyd C., Pekin, Ill., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. The production of zein. 2,156,928; May 2.
Swallen, Lloyd C., Terre Haute, Ind., assignor, by mesne assignments, to Corn Products Refining Company, New York, N. Y. Zein filaments. 2,156,929; May 2.
Swallow, Sidney T. (See Johannessen, V. L., and Swallow.)
Swallow, William, Headington, Oxford, assignor to Pressed Steel Company Limited, Oxford, England. Vehicle chassis frame. 2,143,666; Jan. 10.
Swan, Aud. (See Latham, A., and Swan.)
Swan, Carl W. (See Krum, H. L., and Swan.)
Swan Cleaners & Furriers. (See Backer, William, assignor.)
Swan, Donald R. (See Smith, H. B., and Swan.)
Swan, Elsie, Los Angeles, Calif. Garment. 2,160,096; May 30.
Swan, Harold A., Coronado, Calif. Abrading and blackboard cleaning machine. 2,178,865; Nov. 7.
Swan, John B., Gladstone, Mich. Journal box guide means. 2,165,662; July 11.
Swan, Joseph H., III, assignor to The Gardner-Richardson Company, Middletown, Ohio. Container. 2,162,764; June 20.
Swan, Peter, Portland, Oreg. Water Heater. Re. 21,061; Apr. 25.
Swanberg, Julius, Chicago, Ill. Bait. 2,183,849; Dec. 19.
Swaney, Miller W., Bloomfield, N. J., assignor to Ellis Laboratories, Inc. Plant cultivation. 2,177,422; Oct. 24.
Swangren, Edwin V., Chicago, Ill. Machine for forming can ends. 2,148,247; Feb. 21.
Swangren, Edwin V., Chicago, Ill. Mechanism for feeding and cutting sheet metal. 2,148,248; Feb. 21.
Swangren, Edwin V., Chicago, assignor of one-half to W. N. Stevenson, Evanston, Ill. Electric insect destroyer. 2,177,846; Oct. 31.
Swank, Arthur L., deceased, Detroit, Mich.; N. L. Swank, special administratrix, assignor to Eaton Manufacturing Company, Cleveland, Ohio. Radiator cap assembly. 2,171,168; Aug. 29.
Swank, James W. (See Calkins, R. M., and Swank.)
Swank, Nellie L., special administratix. (See Swank, Arthur L.)
Swank Products, Inc. (See Bagnall, Joseph C., assignor.)
Swank Products, Inc. (See Gosselin, Thomas, assignor.)
Swank Products, Inc. (See Okun, Nathaniel N., assignor.)
Swank Products, Inc. (See Wood, Percy L., assignor.)
Swank Products, Inc. (See Zeman, Bernard R., assignor.)
Swanow, George A., New York, N. Y. Comb structure. 2,143,808; Jan. 10.
Swanson, Albert R. and R. L., Chicago, Ill. Collapsible clothesrack. 2,155,742; Apr. 25.
Swanson, Alfred, Los Angeles, Calif. Hydraulic door check. 2,184,607; Dec. 26.
Swanson, Arthur, Pampa, Tex., assignor to Cabot Shops, Inc., Boston, Mass. Automatic length-controlling apparatus. 2,164,597; July 4.
Swanson, Axel R., Chicago, Ill. Boring and threading device. 2,157,248; May 9.
Swanson, Axel W., Chicago, Ill., assignor to The Holmquist-Swanson Company. Play pen. 2,173,639; Sept. 19.
Swanson, Carl O., Minneapolis, Minn. Necktie. 2,698,856; Aug. 15.
Swanson, Carl O., Minneapolis, Minn. Necktie. 2,179,306; Nov. 7.
Swanson, Earl C., assignor to Andersen Frame Corporation, Bayport, Minn. Window structure. 2,144,782; Jan. 24.
Swanson, Edwin W., Hopkins, assignor to Electric Machinery Manufacturing Company, Minneapolis, Minn. Device for regulating a condition of a main circuit controlled by an auxiliary circuit. 2,146,778; Feb. 14.
Swanson, Edwin W., Hopkins, assignor to Electric Machinery Manufacturing Company, Minneapolis, Minn. Generator voltage regulation. 2,146,779; Feb. 14.
Swanson, Edwin W., Hopkins, assignor to Electric Machinery Mfg. Company, Minneapolis, Minn. Synchronous motor control system. 2,150,662; Mar. 14.
Swanson, Edwin W., Hopkins, assignor to Electric Machinery Mfg. Company, Minneapolis, Minn. Synchronous motor control system. 2,150,663; Mar. 14.
Swanson, Edwin W., Hopkins, assignor to Electric Machinery Mfg. Company, Minneapolis, Minn. Synchronous motor control system. 2,150,664; Mar. 14.
Swanson, Ellen J., Manchester, Conn. Hemming attachment for sewing machines. 2,173,509; Sept. 19.
Swanson, Eric H., Park Ridge, Ill. Filter. 2,151,538; Mar. 21.
Swanson, Floyd A., assignor to Barnes Drill Co., Rockford, Ill. Honing machine. 2,176,316; Oct. 17.
Swanson, Fred R., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Milling machine. 2,178,441; Oct. 31.
Swanson, Fred R., assignor to Sundstrand Machine Tool Co., Rockford, Ill. Grinding machine. 2,179,869; Nov. 14.
Swanson, Gustaf A., Warwick, R. I., assignor to The Textile-Finishing Machinery Company. Caliper for a gatherer. 2,166,709; July 18.
Swanson, Harold, Cleveland, Ohio. Electric incandescent high pressure gas metallic vapor lamp. 2,154,542; Apr. 18.
Swanson, Hjalmar A., assignor to Cummins Perforator Company, Chicago, Ill. Perforating machine. 2,183,361; Dec. 12.
Swanson, Ivar R. (See Hatch, C. T., and Swanson.)
Swanson, J. W. (See Buckley, Duer H., assignor.)
Swanson, John M., Oak Park, J. E. Huber, Chicago, and W. N. Olson, Brookfield; said Olson assignor to Reynolds Electric Company, Chicago, Ill. Power-propelled vehicle. 2,172,264; Sept. 5.
Swanson, Karl O., Chicago, Ill., assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Controller for alternating current motors. 2,154,543; Apr. 18.
Swanson, Meryl F., Galva, Ill., Trucking vehicle. 2,158,596; May 16.
Swanson, Nels H., Chicago, Ill. Combined pocket flashlight and key case. 2,164,148; June 27.
Swanson, Raymond E., assignor to A. D. Cook, Inc., Lawrenceburg, Ind. Well strainer and making it. 2,160,790; May 30.
Swanson, Reinhold J., Chicago, Ill. Waterproof container. 2,182,040; Dec. 5.
Swanson, Reuben L. (See Swanson, Albert R. and R. L.)
Swanson, Sven V., Forest Park, assignor to Refrigeration Appliances, Inc., Chicago, Ill. Refrigerated cabinet. 2,168,007; Aug. 1.
Swanson, Wilburn H., assignor to Ice Cooling Appliance Corporation, Morrison, Ill. Forced draft refrigerator. 2,161,983; June 13.
Swanson, Ziegner, De Kalb, Ill. Musical instrument. 2,180,130; Nov. 14.
Swanstrom, Arthur R., Portland, Oreg. Holder for writing pads. 2,167,731; Aug. 1.

Swanstrom, Carl A., Irvington, assignor to Elastic Stop Nut Corporation, Elizabeth, N. J. Fastening means. 2,144,350; Jan. 17.
Swanstrom, Carl A., Irvington, assignor to Elastic Stop Nut Corporation, Elizabeth, N. J. Fastening means and method of manufacture thereof. 2,153,681; Apr. 11.
Swant, Harold F., Council Bluffs, Iowa. Arch support. 2,170,737; Aug. 22.
Sward, Delbert, assignor to Arcade Manufacturing Company, Freeport, Ill. Latch. 2,166,735; July 18.
Swarovski, D., Glasfabrik und Tyrolit-Schleifmittel-Werke. (See Swarovski, Daniel, assignor.)
Swarovski, Daniel, assignor to the firm D. Swarovski Glasfabrik und Tyrolit-Schleifmittel-Werke, Wattens, Tyrol, Austria. Manufacturing of jewelry set with stones. 2,163,814; June 27.
Swarr, Howard G. (See Claxton, E., Schrader, and Swarr.)
Swarr, Jay N., Detroit, Mich., assignor to The Bristol Company, Waterbury, Conn. Automatic control for thermal systems having heat exchangers. 2,159,110; May 23.
Swart, Leland K. (See Maurer, K. L., and Swart.)
Swart, Leland K., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Measuring instrument. 2,153,777; Apr. 11.
Swart, Leland K., Mountain Lakes, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical switching and control system. 2,169,821; Aug. 15.
Swart, Richard H. (See Erbach, F. R., and Swart.)
Swart, Richard H., assignor to General Refrigeration Corporation, Beloit, Wis. Oil return device for ammonia systems. 2,171,814; Sept. 5.
Swarthe, Leonard A. (See Cohn, B., and Swarthe.)
Swarthout, Stanley H., Rochester, N. Y., assignor to General Motors Corporation, Detroit, Mich. Universal motor speed governor. 2,157,640; May 9.
Swartout, Clotilde, North Muskegon, Mich. Bread making. 2,174,807; Oct. 3.
Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,144,819; Jan. 24.
Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,158,840; May 16.
Swartwood, Kenneth, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbon oils. 2,166,829; July 18.
Swartwout Company, The. (See McDerment, James H., assignor.)
Swartz, Carl E., Cleveland Heights, assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Making composite metallic elements. 2,152,611; Mar. 28.
Swartz, Carl E., Cleveland Heights, assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Bonding powdered metallic material. 2,161,597; June 6.
Swartz, George A., Hillsdale Manor, N. J. Egg grading and packing machine. 2,160,319; May 30.
Swartz, Guy E., Detroit, Mich. Drive-lock means. 2,171,458; Aug. 29.
Swartz, Nathan, Lynn, Mass. Shoe. 2,180,076; Nov. 14.
Swartz, Richey L., assignor of one-half to K. B. Cope, Canton, Ohio. Igniter for gas burners. 2,146,660; Feb. 7.
Swartz, Richey L., assignor of one-half to K. B. Cope, Canton, Ohio. Camera tripod. 2,171,870; Sept. 5.
Swartz, Sol, assignor to Barrel Fitting & Seal Corporation of America, Chicago, Ill. Bushing ring. 2,144,346; Jan. 17.
Swartz, Thomas J., South Orange, N. J., assignor to The Thomas Textile Co., Inc., New York, N. Y. Diaper. 2,161,539; June 6.
Swartz, Torrence A., and W. P. Uhler, Tottenville, N. Y., assignors to The S. S. White Dental Manufacturing Company, Philadelphia, Pa. Producing electrical resistance units. 2,173,186; Sept. 19.
Swartz, William L., Wethersfield, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Automatic firearm. 2,169,083; Aug. 8.
Swartz, William L., Wethersfield, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Firearm. 2,169,084; Aug. 8.
Swartzbaugh Manufacturing Company, The. (See Hammell, Kemper M., assignor.)
Swats, Robert L. (See Ballew, Elmer L., assignor.)
Sway, Boris. (See Miller, S. J., Sway and Breckel.)
Swazy, Earl F. (See Doty, A. S., and Swazy.)
Swazy, Earl F. (See Hensel, F. R., and Swazy.)
Sweany, Linnie, Canton, Ohio. Swinging window. 2,181,215; Nov. 28.
Swearingen, Clair V., Chattanooga, Tenn. Salt solution feeding apparatus. 2,157,466; May 9.
Swearingen, George H., Sr., assignor to Louisville Tin and Stove Company, Incorporated, Louisville, Ky. Stovepipe collar mounting for wood heaters. 2,142,461; Jan. 3.
Swearingen, George H., assignor to Louisville Tin and Stove Company, Incorporated, Louisville, Ky. Soot cleaner for stove pipe drum ovens. 2,163,358; June 20.
Swearinger, Walter W., Newport, Ark. Floating plow. 2,159,867; May 23.
Sweatt, Charles B., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Safety control system. 2,154,644; Apr. 18.
Swebilius, Carl G., Hamden, Conn., assignor, by mesne assignments, to Western Cartridge Company. Pump-action firearm. 2,155,512; Apr. 25.
Swebilius, Carl G., Hamden, Conn., assignor, by mesne assignments, to Western Cartridge Company. Rear-sight construction for firearms. 2,173,701; Sept. 19.
Swedman, Enoch, assignor to Seeger Refrigerator Company, St. Paul, Minn. Refrigerator light outside of cold zone. 2,153,851; Apr. 11.
Swedman, Enoch, and L. Stifter, assignors to Seeger Refrigerator Company, St. Paul, Minn. Adjustable shelf bracket and supporting standard. 2,157,309; May 9.
Swedman, Enoch, and C. E. Norelius, assignors to Seeger Refrigerator Company, St. Paul, Minn. Adjustable shelf support. 2,172,881; Sept. 12.
Swedman, Perry, Seattle, Wash. Sluice box riffle. 2,183,157; Dec. 12.
Sweeney, Harry A., and L. D. Pangborn, assignors to National Copper Paint Company, Chicago, Ill. Using metallic paint. 2,176,597; Oct. 17.
Sweeney, James A., assignor to Universal Optical Corporation, Providence, R. I. Ophthalmic mounting. 2,176,368; Oct. 17.
Sweeney, John P., Chester, Pa. Memorial tablet. 2,148,660; Feb. 28.
Sweeney, William J. (See Murphree, E. V., and Sweeney.)
Sweeney, William J., Baton Rouge, La., assignor to Standard Oil Development Company. Preparing wetting agents and detergents. 2,153,286; Apr. 4.
Sweeney, William J., Westfield, N. J., assignor to Standard I. G. Co. Hydrogenation of cyclic hydrocarbons. 2,167,339; July 25.
Sweeney, William J., Westfield, N. J., assignor to Standard Oil Development Company. Gas analysis apparatus. 2,170,435; Aug. 22.
Sweeney, William J., and W. E. Spicer, Baton Rouge, La., assignors to Standard Oil Development Company. Dehydrogenation of hydrocarbons. 2,161,984; June 13.
Sweeney, William J., and K. C. Laughlin, Baton Rouge, La., assignors to Standard Oil Development Company. Preparing derivatives of hydroformed naphthas and products thereof. 2,184,325; Dec. 26.
Sweeny, Carey P. (See Morris, R. M., and Sweeny.)
Sweeny, Charles P., assignor to Vickers, Incorporated, Detroit, Mich. Motor system. 2,151,058; Mar. 21.
Sweeny, Perry J., Dickinson, Tex., assignor to Pan American Refining Corporation, New York, N. Y. Cracking hydrocarbon oils. 2,165,587; July 11.
Sweeny, Raymond V., Freeport, N. Y. Time controlled feeding device for domestic pets. 2,157,682; May 9.
Sweet, Alva L., Schenectady, N. Y., assignor to General Electric Company. Electrical sequencing control. 2,158,887; May 16.
Sweet, Alvin J., East Aurora, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Polynuclear aryl thioisatins. 2,154,709; Apr. 18.
Sweet, Andrew T., Houghton, and J. D. MacCarthy, assignors to General Manganese Corporation, Detroit, Mich. Extracting manganese from ore. 2,176,774; Oct. 17.
Sweet, Andrew T., Houghton, and J. D. MacCarthy, assignors to General Manganese Corporation, Detroit, Mich. Extracting metals from ores. 2,176,775; Oct. 17.
Sweet, Andrew T., Houghton, and J. D. MacCarthy, assignors to General Manganese Corporation, Detroit, Mich. Obtaining manganese values from ores containing them. 2,176,776; Oct. 17.
Sweet, Charles E. (See Hemming, H., and Sweet.)
Sweet, Donald H., Evanston, Ill. Game. 2,167,915; Aug. 1.
Sweet, George A., Milford, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Making cutting dies and blade stock therefor. 2,170,166; Aug. 22.
Sweet, Harold A., Westfield, N. J., assignor to General Dyestuff Corporation, New York, N. Y. Process and composition for improving rubber compounds. 2,143,721; Jan. 10.
Sweet, Irving E. (See Thibeault, G. A., Visotski, Carlson, and Sweet.)
Sweet, James E., T. R. De Peugh, and H. Parish, Washington, D. C. Newspaper assembly. 2,169,932; Aug. 15.
Sweetland, Ernest J., Piedmont, Calif. Regulating means for vehicle parking. 2,178,315; Oct. 31.
Sweetland, William E., Piedmont, Calif. Arrow. 2,182,951; Dec. 12.
Sweigart, Frank T., Port Washington, N. Y. Valve grinder. 2,168,458; Aug. 8.
Sweitzer, Carroll H., New Freedom, Pa. Motor vehicle lamp and signal support. 2,153,104; Apr. 4.
Sweitzer, James C., Wauwatosa, Wis. Charging bucket. 2,163,386; June 20.
Swem, Lee A., et al., trustees. (See Kuhn, George, assignor.)
Swenarton, W. Hastings. (See Olsson, Bengt, assignor.)
Sweney, Don D., assignor to Dwyer Products Corporation, Michigan City, Ind. Shutter. 2,158,682; May 16.
Swengel, Albert L., Hinsdale, Ill. Vacuum atomizer. 2,175,675; Oct. 10.

Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Brake. 2,148,786; Feb. 28.
Swennes, Benjamin A., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Differential change speed transmission. 2,152,932; Apr. 4.
Swennes, Benjamin A. B., Rockford, assignor to Borg-Warner Corporation, Chicago, Ill. Hydraulic brake. 2,164,551; July 4.
Swenson, Arthur W., Rockford, Ill. Amusement apparatus. 2,164,361; July 4.
Swenson, Arthur W., Rockford, Ill. Power driven vehicle toy. 2,172,416; Sept. 12.
Swenson, Arthur W., Rockford, Ill. Game. 2,173,865; Sept. 26.
Swenson, Paul W., Jackson Heights, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electromagnetic switching device. 2,178,656; Nov. 7.
Swenson, Gustave A., Champaign, Ill. Game apparatus. 2,155,912; Apr. 25.
Swenson, Gustave A., Champaign, Ill. Stone working tool. 2,160,568; May 30.
Swenson, Oscar, assignor, by mesne assignments, to Winter Brothers Company, Wrentham, Mass. Thread cutting tool. 2,145,819; Jan. 31.
Sweo, Benjamin J., Cleveland, Ohio. Ceramic ware wall structure. 2,177,046; Oct. 24.
Swertfeger, Leon J., Camp Hill, Ala. Paperhanging machine. 2,148,845; Feb. 28.
Swetman, Harold D., Gulfport, Miss. Gate latch. 2,155,808; Apr. 25.
Swett, Earl W., assignor to The Lobdell-Emery Manufacturing Company, Alma, Mich. Saddle for cycles. 2,152,572; Mar. 28.
Swett, Walter W., Takoma Park, Md. Folding table. 2,158,950; May 16.
Swift, Claude E. (See Dillon, L., and Swift.)
Swift and Company. (See (Gullion, C. H., assignor) and Evans.)
Swift and Company. (See Hartanov, Andrew S., assignor.)
Swift and Company. (See Williams, B. E., and Cadwell, assignors.)
Swift, Donald D., assignor to M. Swift & Sons, Incorporated, Hartford, Conn. Manufacture and use of metallic leaf. 2,175,492; Oct. 10.
Swift Electric Welder Company. (See Woofter, Herbert A., assignor.)
Swift, George W., Jr. Inc. (See Bruker, Hobart W., assignor.)
Swift, George W., Jr. Inc. (See Bruker, H. W., and Hohman, assignors.)
Swift, Gilbert, Philadelphia, Pa., assignor to Radio Corporation of America. Electrical testing instrument. 2,143,094; Jan. 10.
Swift, Harvey C., assignor to Hydraulic Brake Company, Detroit, Mich. Fluid pressure braking system. 2,156,205; Apr. 25.
Swift, M., & Sons, Incorporated. (See Swift, Donald D., assignor.)
Swift, Willard E., Worcester, assignor to United States Envelope Company, Springfield, Mass. Letter sheet. 2,169,436; Aug. 15.
Swilens, Charles, Chicago, Ill. Lock. 2,151,245; Mar. 21.
Swilens, Charles, Chicago, Ill. Lock. 2,176,369; Oct. 17.
Swiler, Carlton P., Jr. (See Young, Raymond G., assignor.)
Swindell Dressler Corporation. (See Dressler, Philip d'H., assignor.)
Swindell, Walter B., Columbia, S. C. Indicator mechanism for educational purposes. 2,152,777; Apr. 4.
Swinehart, Carl F., Cleveland, assignor to The Harshaw Chemical Company, Elyria, Ohio. Preparation of compounds of fluorine. 2,148,514; Feb. 28.
Swingle, Donald R., assignor to Cumberland Case Co., Chattanooga, Tenn. Container structure. 2,161,107; June 6.
Swingle, Wayne T., Hastings, Nebr. Self-aligning cushion bearing. 2,175,978; Oct. 10.
Swinney, Thomas J., London, England. Throttle controlled induction system of internal combustion engines of the compression ignition type. 2,149,691; Mar. 7.
Switlik, Stanley, Trenton, N. J. Amusement device. 2,153,011; Apr. 4.
Switlik, Stanley, Trenton, N. J. Parachute assemblage. 2,180,182; Nov. 14.
Switzer, Joseph L., Berkeley, Calif. Fluorescent lithographing ink. 2,152,856; Apr. 4.
Swofford, John, assignor to Eugene Fruit Growers Association, Eugene, Oreg. Slicing machine. 2,166,648; July 18.
Swofford, Peter J., Arlington, Tex. Parachute. 2,175,229; Oct. 10.
Sword, James B., Stone Harbor, N. J. Trailer construction. 2,150,615; Mar. 14.
Swortwood, Harry T., and H. G. Osburn, Oklahoma City, Okla. 2,176,231; Oct. 17.
Swoyer, Joseph D., Philadelphia, Pa. Treating kapok. 2,142,160; Jan. 3.
Syak, Andrew I., Girard, Ohio. Structural steel element. 2,160,345; May 30.
Sybenga, Richard, assignor of one-half to C. A. Olsen, Davenport, Iowa. Meat tenderer. 2,158,766; May 16.
Sydnor-Thompson Mfg. Company. (See Thomas, Albert G., assignor.)
Sy-fill Corporation. (See Helberg, Robert J., assignor.)
Sykes, Cameron M., and A. Binns, Soho Foundry, Birmingham, assignors to W. & T. Avery Limited, Birmingham, England. Printing and recording mechanism for weighing apparatus. 2,149,475; Mar. 7.
Sykes, Charles. (See Walker, C. H., and Sykes.)
Sykes, Charles, Timperley, and W. Needham, Sale, England, assignors to General Electric Company. Electric heater. 2,167,494; July 25.
Sykes, Robert E., Battle Creek, Mich., and J. M. Gray, assignors to Yeomans Brothers Company, Chicago, Ill. Electrical control system. 2,177,083; Oct. 24.
Sykes, Roger A. (See Mason, W. P., and Sykes.)
Sykes, Roger A., Fanwood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wave filter. 2,169,301; Aug. 15.
Sykes, Walter D., Sully, Penarth, South Wales. Rotary valve for internal combustion engines. 2,158,386; May 16.
Sykes, Wilfred, assignor to Inland Steel Company, Chicago, Ill. Apparatus for electrolytically pickling metal. 2,146,488; Feb. 7.
Sykes, Wilfred, assignor to Inland Steel Company, Chicago, Ill. Apparatus for producing beams, columns, or the like. 2,179,802; Nov. 14.
Sykes, Wilfred, Flossmoor, assignor to Inland Steel Company, Chicago, Ill. Apparatus for producing beams, columns, or the like. 2,179,803; Nov. 14.
Sykes, William E., Buffalo, N. Y. Hardening metallic bodies by the local application of heat. 2,156,884; May 2.
Sylvania Industrial Corporation. (See Cornwell, Ralph T. K., assignor.)
Sylvania Industrial Corporation. (See Dalton, Schuyler N., assignor.)
Sylvania Industrial Corporation. (See McCleary, Harry R., assignor.)
Sylvania Industrial Corporation. (See Morgan, Willard L., assignor.)
Sylvania Industrial Corporation. (See Reichel, F. H., and Craver, assignors.)
Sylvania Industrial Corporation. (See Reichel, F. H., and Hindry, assignors.)
Sylvania Industrial Corporation. (See Repogle, H. H., and Wade, assignors.)
Sylvania Industrial Corporation. (See Stiner, Clarence B., assignor.)
Sylvania Inustrial Corporation. (See Wallach, André, assignor.)
Sylvania Industrial Corporation. (See Wallach, Roger N., assignor.)
Sylvania Industrial Corporation. (See Wallach, R. N., and Morgan, assignors.)
Sylvania Industrial Corporation. (See Weingand, R., and Acker, assignor.)
Sylvania Industrial Corporation. (See Weingand, R., and Muchlinski, assignors.)
Sylvén, Gustaf. (See Vestergren, Harry E. M., assignor.)
Sylvester, George R. (See McIntyre, G. H., and Sylvester.)
Sylvester, William L., Lyndhurst, N. J. Towel cabinet. 2,170,223; Aug. 22.
Symington-Gould Corporation, The. (See Barrows, Donald S., assignor.)
Symington-Gould Corporation, The. (See Blattner, Emil H., assignor.)
Symington-Gould Corporation, The. (See Cameron, Joseph A., assignor.)
Symington-Gould Corporation, The. (See Kadel, B. W., and Barrows, assignors.)
Symington-Gould Corporation, The. (See Madison, John O., assignor.)
Symonds, James E., Mount Vernon, N. Y. Phenolic resins. 2,151,945; Mar. 28.
Symonds, James E., Mount Vernon, N. Y. Cast phenolic resins. 2,151,946; Mar. 28.
Symons, Arthur H., assignor to Symons Clamp & Mfg. Company, Chicago, Ill. Form structure for concrete walls. 2,162,869; June 20.
Symons Clamp & Mfg. Company. (See Symons, Arthur H., assignor.)
Symons, James E. and J. W., Monessen, Pa. Brake. 2,168,371; Aug. 8.
Symons, Jesse W. (See Symons, James E. and J. W.)
Symons, Loren G., Hollywood, Calif., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Screen. 2,148,139; Feb. 21.
Symons, Loren G., Hollywood, Calif., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Screen. 2,172,551; Sept. 12.
Symons, Loren G., Hollywood, Calif., assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Screen. 2,183,660; Dec. 19.
Synck, Henry. (See Oppenheim, T. H., and Synck.)
Syndicate Jozijdhoff. (See de Jonge, Leonardus, assignor.)
Syntron Company. (See Knobel, Max, assignor.)
Sypher, Milford G., Jersey City, assignor to Plastic Inlays, Inc., Summit, N. J. Inlaid article and inlaying. 2,152,161; Mar. 28.
Syracuse Chilled Plow Co. (See Cook, Curtis L., assignor.)

Syracuse Chilled Plow Company. (See Young, Austin E., assignor.)
Syrovy, Augustin J. (See Dunn, W. T., Syrovy, and Bucy.)
Syrovy, Augustin J. (See Neracher, C. A., Iavelli, and Syrovy.)
Syrovy, Augustin J. (See Neracher, C. A., and Syrovy.)
Sywert, Philip T., Wesleyville, Pa., assignor to General Electric Company. Refrigerator cabinet. 2,179,307; Nov. 7.
Szabo, Arthur, New York, N. Y., assignor to Nobilium Products, Inc., Philadelphia, Pa. Alloy. 2,182,041; Dec. 5.
Szécsi, Istvân, Budapest, Hungary. Device for laboratorical measuring of liquids. 2,153,105; Apr. 4.
Szegö, Stephan, London, England. Roof construction. 2,147,863; Feb. 21.
Szekely Company, The. (See Szekely, Otto E., assignor.)
Szekely, Ernest. (See Lawrence, J. P., and Szekely.)
Székely, Georg, Graz, Germany. Electrically driven fluid pump. 2,143,391; Jan. 10.
Szekely, Otto E., Elmira, N. Y., assignor to The Szekely Company, Inc. Variable ratio transmission. 2,149,320; Mar. 7.
Szekely, Otto E., Baltimore, Md., assignor to The Szekely Company, Inc. Torque and speed transmission device. 2,151,722; Mar. 28.
Szekeley, Otto E., Baltimore, Md., assignor to The Szekely Company, Inc. Variable ratio power transmission. 2,152,622; Mar. 28.
Szekely, Otto E., Mount Airy, Pa., assignor to The Szekely Company, Inc. Variable ratio transmission. 2,171,610; Sept. 5.
Szent-Györgyi, Albert, Szeged, Hungary, assignor, by mesne assignments, to Winthrop Chemical Company, Inc., New York, N. Y. Process of preparing substances belonging to the flavone group. 2,152,827; Apr. 4.
Szerenyi, Andreas, Cologne, Germany, assignor, by mesne assignments, of one-half to H. Rollman and one-half to W. Kaufmann, Brussels, Belgium. Manufacture of footwear. 2,178,086; Oct. 31.
Szigeti, Ladislaus, Ujpest, Hungary. Selecting single colors or color tones from pictures comprising several colors or color tones, especially for reproduction purposes. 2,158,951; May 16.
Sziklai, George K., New York, assignor to Electro-Mechanical Research, Inc., Brooklyn, N. Y. Electrode. 2,143,392; Jan. 10.
Sziklai, George K., New York, assignor to Electro-Mechanical Research, Inc., Brooklyn, N. Y. Electrolytic device. 2,163,416; June 20.
Szilard, Leo, New York, N. Y. Producing radio-active elements. 2,161,985; June 13.
Sznycer, Bernard W., New York, N. Y. Stabilizer for airplane skis. 2,142,807; Jan. 3.
T. B. F. Company. (See Barcy, William W., assignor.)
T & S Corporation. (See Strid, Sven J., assignor.)
Tabb, Warner T., Brooklyn, assignor to Eisemann Magneto Corporation, New York, N. Y. Centrifugal governor. 2,168,372; Aug. 8.
Taber, Ray H., Chula Vista, Calif. Mobile orchard heating apparatus. 2,153,900; Apr. 11.
Taber, William T. (See Haas, P., and Taber.)
Tabern, Donalee L. (See Volwiler, E. H., and Tabern.)
Tabern, Donalee L., Lake Bluff, assignor to Abbott Laboratories, North Chicago, Ill. Aliphatic mercurated alkyl amide. 2,163,296; June 20.
Tabor Manufacturing Company, The. (See Eastwood, Abraham B., assignor.)
Tacardon, Raphael. (See Begood, Angelo, assignor.)
Tack, Carl E., assignor to American Steel Foundries, Chicago, Ill. Brake arrangement. 2,179,387; Nov. 7.
Taddeo, Armand J. (See Taddeo, Luigi, assignor.)
Taddeo, Luigi, assignor to A. J. Taddeo, Cleveland, Ohio. Faucet. 2,181,630; Nov. 28.
Taddiken, Ulrich A., Ridley Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Condenser apparatus. 2,158,842; May 16.
Taddiken, Ulrich A., Ridley Park, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Condenser apparatus. 2,176,475; Oct. 17.
Taddonio, Joseph, East Boston, Mass. Advertising sign. 2,144,397; Jan. 17.
Tafel, Theodore, Jr., Forest Hill Village, Toronto, Ontario, Canada. Treating molten metal. 2,151,360; Mar. 21.
Taft, Richard B., Seattle, Wash. Ski harness. 2,172,669; Sept. 12.
Tager, Charles I., New York, N. Y. Supply package for stapling machines. 2,161,540; June 6.
Taggart, Arthur F., Scarsdale, and W. L. Parrott, New York, N. Y. Waterproofing composition. 2,180,971; Nov. 21.
Taggart, James L., Mount Pleasant, Pa. Ice cream dispensing instrument. 2,176,752; Oct. 17.
Taggart, John A., Chicago, Ill. Bridge construction. 2,147,001; Feb. 14.
Taggart, Van H., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,177,915; Oct. 31.
Tagliabue, Charles J., Mfg. Co. (See Bast, Frank J., assignor.)
Tagliabue, Charles J., Mfg. Co. (See Erbguth, Paul F. K., assignor.)
Tahon, Robert G., Paris, France, assignor to International Standard Electric Corporation, New York, N. Y. Automatic volume control device for wave transmission systems. 2,182,100; Dec. 5.
Tailleferre, Henri E. (See Courtois-Suffit, R. M. R., and Tailleferre.)
Tainsh, Peter W., Craiglands, Spital, Bromborough, Wirral, England, assignor to Lever Brothers Company. Collapsible metal tube. 2,177,754; Oct. 31.
Tait, Francis, Jr., Philadelphia, assignor to Howard Hosiery Company, Sinking Spring, Pa. Multiple thread back-winding machine. 2,172,114; Sept. 5.
Tait, William, Wyomissing, Pa. Stocking and Making the same. 2,176,694; Oct. 17.
Takahashi, Benjamin M., Harlowton, Mont. Trousers guard. 2,156,206; Apr. 25.
Takamine Ferment Company. (See George, Henry, III, assignor.)
Takara Jidosha Kogyo Kabushiki-Kaisha. (See Tsuneda, K., and (Hironaka, assignor).)
Takase, Robert H., Honolulu, Hawaii. Combined print washing and fixing device. 2,157,804; May 9.
Takeda, Kenjiro, Tosaboridori, Nishiku, Osaka, Japan. Aluminium disk suitable for use in manufacturing circular articles. 2,156,439; May 2.
Takenouchi, Toshitaro. (See Fujitaka, S., and Takenouchi.)
Talalay, Josef A., et al. (See Howard, Joseph A., assignor.)
Talbot, Evariste E. (See Daudelin, J. B., and Talbot.)
Talbot, Frank M., Bloomington, Ind. Container handle. 2,152,933; Apr. 4.
Talbot, Richard C., assignor to J. L. Ferguson Company, Joliet, Ill. Automatic adjusting device. 2,174,426; Sept. 26.
Talbott, James E., Dobbs Ferry, assignor to Anaconda Wire & Cable Company, New York, N. Y. Cable support. 2,149,875; Mar. 7.
Taldo, Eugene. (See Macagno, Frank, assignor.)
Talen, Mauritz W., assignor to Security Fire Door Company, St. Louis, Mo. Guide shoe for elevator doors. 2,148,310; Feb. 21.
Talge, Foster L. (See Lee, Harry A., assignor.)
Talge, Foster L. (See Majewski, Joseph M., Jr., assignor.)
Talge, Foster L. (See Rupert, R., and Majewski, assignors.)
Taliaferro, William R., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ignition electrode. 2,154,292; Apr. 11.
Taliaferro, William R., Pittsburgh, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Arc back protection. 2,179,308; Nov. 7.
Taliaferro, William R., Pittsburgh, and R. R. Longwell, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Automatic reclosing system for circuit breakers. 2,151,812; Mar. 28.
Talking Advertising Corporation. (See Weis, D. A., and Woolf, assignors.)
Talladas, Juan L., Aparri, P. I. Methods in utilizing sugar cane juice in the preparation of effervescent alcoholic drinks. 2,148,051; Feb. 21.
Talley, Benjamin B., Portland, Oreg. Apparatus for producing orthographic projections. 2,173,140; Sept. 19.
Talley, Samuel K., and C. L. Gutzeit, Houston, Tex., assignors to Shell Development Company, San Francisco, Calif. Breaking petroleum suspension. 2,167,327; July 25.
Tallman, Leslie R., Shelbyville, Ill. Power distributing mechanism. 2,147,469; Feb. 14.
Tallman, Oscar F., assignor to James R. Kearney Corporation, St. Louis, Mo. Electrical connector. 2,150,994; Mar. 21.
Tallman, Oscar F., assignor to James R. Kearney Corporation, St. Louis, Mo. Wire bracket. 2,150,995; Mar. 21.
Tallman, Oscar F., assignor to James R. Kearney Corporation, St. Louis, Mo. Clamp. 2,164,094; June 27.
Talmadge, Louis H., Wethersfield, assignor to The Merrow Machine Company, Hartford, Conn. Feeding mechanism for sewing machines. 2,150,527; Mar. 14.
Talmage, John H. (See Unger, P. O., and Talmage.)
Talmey, Paul, assignor to Radio Inventions, Inc., New York, N. Y. Electrolytic recording paper. 2,173,141; Sept. 19.
Talon, Inc. (See Bailey, Perkins H., assignor.)
Talon, Inc. (See Banning, Frederick D., assignor.)
Talon, Inc. (See Boetcker, William A., assignor.)
Talon, Inc. (See Carlile, Alfred E., assignor.)
Talon, Inc. (See Devoe, Albert H., assignor.)
Talon, Inc. (See Galloway, Donald W., assignor.)
Talon, Inc. (See Jones, William J., assignor.)
Talon, Inc. (See Kannor, Henry L., assignor.)
Talon, Inc. (See Kilkenny, William F., assignor.)
Talon, Inc. (See Lange, Max, assignor.)
Talon, Inc. (See Nedal, Peder, assignor.)
Talon, Inc. (See Poux, Noel J., assignor.)
Talon, Inc. (See Sipe, Harry E., assignor.)
Talon, Inc. (See Sundback, Gideon, assignor.)
Tamalunas, Anthony N., Gary, Ind. Fastening device. 2,176,156; Oct. 17.
Taman, Oscar, Chicago, Ill. Bicycle lock. 2,143,502; Jan. 10.

Tamarin, Bernard J., Philadelphia, Pa. Handle for vacuum cleaners. 2,148,590; Feb. 28.
Tamele, Miroslav W., Oakland, and H. P. A. Groll, Berkeley, assignors to Shell Development Company, San Francisco, Calif. Isobutenyl amines and making them. 2,172,822; Sept. 12.
Tamke, Alfred C., St. Albans, N. Y. Knife peeler. 2,182,710; Dec. 5.
Tamm, Rudolf, assignor to Siemens & Halske Aktiengesellschaft, Berlin-Siemensstadt, Germany. Circuit arrangement adapted to equalize working voltage fluctuations in amplifiers. 2,177,847; Oct. 31.
Tammen, Albert B., Floral Park, N. Y. Garment hanger. 2,180,263; Nov. 14.
Tamper-proof Seal Corporation. (See O'Neil, F., Jr., and Pityo, assignors.)
Tampier, René, Boulogne-sur-Seine, France. Hinge mechanism for the moving or control surfaces of aircraft. 2,155,513; Apr. 25.
Tampier, René, Boulogne-sur-Seine, France. Device for actuating the controls on aircraft. 2,185,160; Dec. 26.
Tampke, Hans. (See Kiesskalt, S., Tampke, Winnacker, and Weingaertner.)
Tampkin, Haman, Brooklyn, N. Y. Combination spring and attachment. 2,164,962; July 4.
Tanasso, Vincent, Harrison, and J. J. Pomeranz, Brooklyn, N. Y. Ophthalmic mounting. 2,155,693; Apr. 25.
Tandler, William S. (See Fisher, G., Tandler, and Carlisle.)
Tandler, William S., New York, and D. Walker, East Elmhurst, Long Island, assignors to Lefier Patent Company, Inc., New York, N. Y. Pattern-control mechanism. 2,173,488; Sept. 19.
Tandy, Robert A., Kansas City, Mo. Lens edge-grinding machine. 2,144,205; Jan. 17.
Tangdall, Alfred, Superior, Nebr., assignor to Ideal Cement Company, Denver, Colo. Attachment for bag-filling tubes. 2,154,920; Apr. 18.
Tannehill, Arthur L. (See Cole, A. N., and Tannehill.)
Tannehill, Arthur L., Gary, Ind. Refining benzol light oil for motor fuel. 2,150,084; Mar. 7.
Tannehill, Vernon L., assignor of twenty-five one-hundredths to W. W. Lepper, Fort Wayne, Ind. Apparatus for the electrolytic production of metallic shapes. 2,171,437; Aug. 29.
Tannen, Sydney, et al. (See Jones, Robert I., assignor.)
Tanner, Henry, assignor to Chicago Retort and Fire Brick Company, Chicago, Ill. Checkerwork. 2,176,157; Oct. 17.
Tanner, Herbert G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Chemical process. 2,163,768; June 27.
Tanner, Herbert G., Ashley, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrating olefins. 2,173,187; Sept. 19.
Tanner, Robert R., assignor, by mesne assignments, to The Patents Corporation, Detroit, Mich. Sheet metal and producing the same. 2,144,643; Jan. 24.
Tanner, Thomas G., Birmingham, England. Continuous heat treatment furnace. 2,177,031; Oct. 24.
Tanner, Wellington L., Panasoffkee, Fla. Casein paint. 2,143,334; Jan. 10.
Tannerie & Maroquinerie Belges (Société Anonyme). (See Jacquet, René J. F., assignor.)
Tanning Process Company, The. (See Connor, John H., assignor.)
Tanning Process Company, The. (See Edgar, David, assignor.)
Tanning Process Company, The. (See Hyde, H. W., and Edgar, assignors.)
Tansill, Xavier B., New York, N. Y. Extinguishing fires in inflammable fluids. 2,174,606; Oct. 3.
Tanzi, Mario, Chicago, Ill. Cigarette dispenser. 2,169,572; Aug. 15.
Tanzmann, Martin, New York, N. Y. Trimmer for asparagus stalks. 2,159,299; May 23.
Tapman, Samuel F., Richmond Hill, N. Y. Building construction. 2,157,359; May 9.
Tappan, Chester, assignor to General Talking Pictures Corporation, New York, N. Y. Electrical change-over. 8,160,005; May 30.
Tappan Stove Company, The. (See Cronyn, V. J., and Peruzzini, assignors.)
Tar & Petroleum Process Company. (See Curran, Maurice D., assignor.)
Tarbell, John C., Springfield, Mass., assignor to Chrysler Corporation, Highland Park, Mich. Bolster. 2,170,879; Aug. 29.
Tarbell, John C., Springfield, Mass., assignor to Chrysler Corporation, Highland Park, Mich. Bearing member. 2,182,414; Dec. 5.
Tarbet, Roy E., Portland, Oreg. Connection for continuous structures. 2,171,326; Aug. 29.
Tarbox, John P., assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Manufacturing tire tread. 2,171,438; Aug. 29.
Tarbox, John P., Philadelphia, Pa., assignor to New Process Rayon, Inc., Gloucester, N. J. Fiber treatment. 2,174,863; Oct. 3.
Tarbox, John P., Philadelphia, Pa., and L. Schiff, Berlin-Lichterfelde, Germany. Electric outdoor display system. 2,170,167; Aug. 22.
Tark, Marcus B., Philadelphia, Pa., assignor to Link-Belt Company, Chicago, Ill. Scum collector. 2,159,409; May 23.
Tarlazzi, Julius, North Bergen, N. J. Clothesline covering device. 2,166,649; July 18.
Tarn, Thomas R. (See Beyer, W. O., and Tarn.)
Tarnoff, Louis, Chicago, Ill. Nonoxidizing and nondeteriorating developer for off-set or contrast film and plate negatives. 2,162,765; June 20.
Tarr, Omar F., and W. H. Hartford, Baltimore, Md., assignors to Mutual Chemical Co. of America, New York, N. Y. Production of lead chromate, etc. 2,173,457; Sept. 19.
Tarr, Peter A., Berkeley, Calif. Radio power filter condenser. 2,142,705; Jan. 3.
Tarr, Samuel, Chicago, Ill. Upholstered furniture. 2,170,224; Aug. 22.
Tarrant, Bernerd R. (See Slater, H. A., and Tarrant.)
Tarris, Frederick J., London, assignor to The India Rubber, Gutta Percha and Telegraph Works Company Limited, Millbank, London, England. Brake for aircraft wheels. 2,142,535; Jan. 3.
Tarris, Frederick J., London, assignor to The India Rubber, Gutta Percha and Telegraph Works Company Limited, Millbank, London, England. Valve for vehicle brakes. 2,153,029; Apr. 4.
Tartaron, Francis X., Mulberry, Fla., assignor to Phosphate Recovery Corporation, New York, N. Y. Concentration of barite. 2,144,442; Jan. 17.
Tartrais, Eugéne H., Montmorency, France. Apparatus for correcting the defects of accommodation of the eye. 2,158,642; May 16.
Tarzian, Sarkes, Buenos Aires, Argentina, assignor to Radio Corporation of America. Variable high frequency transformer. 2,181,982; Dec. 5.
Tashjian, Armen H., Cleveland, assignor, by mesne assignments, to W. B. Miller, Lakewood, Ohio. Insulating structural board. 2,159,300; May 23.
Tate, Christopher, Malden, assignor to E. H. Tate Company, Boston, Mass. Display card. 2,147,470; Feb. 14.
Tate, Christopher, Malden, assignor to E. H. Tate Company, Boston, Mass. Display card for drapery hooks. 2,181,216; Nov. 28.
Tate, E. H., Company. (See Tate, Christopher, assignor.)
Tate, John R., Whittier, Calif. Archery bow and sight therefor. 2,163,503; June 20.
Tate, Kenneth L., assignor to Taylor Instrument Companies, Rochester, N. Y. Recording device. 2,176,777; Oct. 17.
Tate, William T., Manchester, England. Apparatus for lining pipes with cementitious material. Re. 21,164; July 25.
Tatter, John W., assignor, by mesne assignments, to The Firestone Tire & Rubber Company, Akron, Ohio. Making wheel structures. 2,150,111; Mar. 7.
Tatter, John W., Akron, Ohio, assignor to Bendix Products Corporation, South Bend, Ind. Brake device. 2,152,104; Mar. 28.
Tatter, John W., Akron, Ohio, assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,152,105; Mar. 28.
Tatter, Louis G., Chicago, Ill. Welding shield. 2,171,052; Aug. 29.
Tatum, John J., Baltimore, Md. Open top car. 2,167,427; July 25.
Tatum, John J., Baltimore, Md. Center sills construction for freight cars. 2,180,450; Nov. 21.
Tatum, William W. (See Heslop, R. N., and Tatum.)
Tatum, William W., Grangemouth, Scotland, assignor to Imperial Chemical Industries Limited. New anthraquinone dyestuffs. 2,153,012; Apr. 4.
Taub, Joel. (See Lundstedt, E., and Taub.)
Taub, Ludwig. (See Hahl, H., Taub, and Leuchs.)
Taub, Rudolph J., Bloomfield, N. J. Spring stabilizer. 2,175,005; Oct. 3.
Taube, Carl. (See Helberger, J. H., and Taube.)
Taube, Carl, and O. Bayer, Leverkusen, I. G. Werk, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,158,843; May 16.
Tauschek, Gustav, assignor to International Business Machines Corporation, New York, N. Y. Tabulating machine. 2,182,006; Dec. 5.
Tautz, Herbert E., assignor to The Delta Manufacturing Company, Milwaukee, Wis. Circular saw. 2,168,282; Aug. 1.
Tawyer, James, Lisarow, Australia. Device for testing spark plugs and ignition circuits. 2,153,944; Apr. 11.
Tay, George H., assignor to Lee Metal Products Company, Inc., Philpsburg, Pa. Juice heating unit. 2,166,027; July 11.
Taylor, Albert H., Washington, D. C., and L. C. Young, Hyattsville, Md. Keying radio transmitter. 2,150,193; Mar. 14.
Taylor, Albert L., Tifton, Ga.; dedicated to the free use of the People in the territory of the United States. Soil fumigant applicator. 2,177,792; Oct. 31.
Taylor, Alfred M., Birmingham, England. Electric power transmission. 2,180,264; Nov. 14.
Taylor, Alfred P., assignor, by mesne assignments, to H. L. Cater, Kansas City, Mo., as trustee. Stringing and sagging in power lines. 2,174,427; Sept. 26.
Taylor, Alfred P., assignor, by mesne assignments, to H. L. Cater, trustee, Kansas City, Mo. Stringing and sagging in power cables and the like. 2,174,428; Sept. 26.

Taylor, Alfred P., Kansas City, assignor, by mesne assignments, to H. L. Cater, Blue Springs, Mo., as trustee. Stringing and sagging in power lines. 2,174,429; Sept. 26.
Taylor, Alva E. (See Beck, W. J., and Taylor.)
Taylor, Arnold N., assignor to C. M. Hall Lamp Company, Detroit, Mich. Motor vehicle headlight. 2,142,384; Jan. 3.
Taylor, Arnold N., and N. P. Worden, assignors to C. M. Hall Lamp Company, Detroit, Mich. Lighting unit mounting. 2,159,868; May 23.
Taylor, Auburn, Charleston, W. Va., assignor to The Goss Printing Press Company, Chicago, Ill. Inking mechanism. 2,154,544; Apr. 18.
Taylor, Benjamin F., Pontiac, Mich. Adjustable stilt. 2,172,645; Sept. 12.
Taylor, Burt E., Mount Vernon, and J. M. McClatchie, Middletown, assignors to The Borden Company, New York, N. Y. Labeling apparatus. 2,170,068; Aug. 22.
Taylor, Carl C., assignor to Educational Laboratories, Inc., Brownwood, Tex. Educational device. 2,162,766; June 20.
Taylor, Cecil H. (See Moffat, J. H., and Taylor.)
Taylor, Cecil H., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,163,897; June 27.
Taylor, Charles C., Manhasset, N. Y., and S. B. Wright, South Orange, N. J., assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Secrecy signaling system. 2,179,106; Nov. 7.
Taylor, Charles H., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,167,785; Aug. 1.
Taylor, Charles H., Springfield, Mass., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,167,786; Aug. 1.
Taylor, Charles H., Perivale, Greenford, England. Plugging of walls or the like. 2,169,437; Aug. 15.
Taylor, Charles H., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,178,006; Oct. 31.
Taylor, Charles H., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,183,826; Dec. 19.
Taylor, Clarence C. (See Leo, H. T., Taylor, and Lindsey.)
Taylor, Clarence C., Mounds, Ill. Ground preparing machine. 2,173,771; Sept. 19.
Taylor, Claude C., Whittier, Calif. Bailer. 2,144,669; Jan. 24.
Taylor, Claude C., Whittier, Calif. Well cleaner. 2,150,406; Mar. 14.
Taylor, Claude C., assignor to McGaffey-Taylor Corporation, Bakersfield, Calif. Oil well device. 2,156,709; May 2.
Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Thermostatic controlled device. 2,146,604; Feb. 7.
Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control mechanism. 2,147,274; Feb. 14.
Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Control device. 2,159,513; May 23.
Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Controlling a physical condition. 2,160,042; May 30.
Taylor, Daniel G., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Automatic reset mechanism. 2,173,810; Sept. 19.
Taylor, Daniel G., assignor to Minneapolis Honeywell Regulator Company, Minneapolis, Minn. Snap-acting thermostatic switch. 2,175,721; Oct. 10.
Taylor, Donald D., Duncannon, Pa. Metal-spraying equipment. 2,143,232; Jan. 10.
Taylor, Donald F., Hughson, Calif. Disk harrow. 2,164,963; July 4.
Taylor, Earl A., Chicago, Ill., assignor to Educational Laboratories, Inc., Brownwood, Tex. Treating eyes. 2,184,131; Dec. 19.
Taylor, Eben D., L. A. Ward, and B. W. Weisel, assignors to The Tomkins-Johnson Company, Jackson, Mich. Rivet holder. 2,148,883; Feb. 28.
Taylor, Edward A., Shaker Heights, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of soluble phosphates. 2,165,948; July 11.
Taylor, Edward S. (See Browne, K. A., and Taylor.)
Taylor, Edward S., Cambridge, Mass., assignor, by mesne assignments, to Wright Aeronautical Corporation, Paterson, N. J. Flexible engine mount. 2,175,999; Oct. 10.
Taylor, Edward W., Lexington, Mass. Hose bridge and curb jumper. 2,150,591; Mar. 14.
Taylor, Edward W., assignor to S. G. Taylor Chain Co., Hammond, Ind. Making welded chain. 2,144,319; Jan. 17.
Taylor, Ellis H., East Norwalk, Conn. Selective transmission for motor cars. 2,174,903; Oct. 3.
Taylor, Elmer H., assignor to The Chase-Shawmut Company, Newburyport, Mass. Nontamperable and noninterchangeable plug fuse. 2,147,221; Feb. 14.
Taylor, Elmer H., assignor to The Chase-Shawmut Company, Newburyport, Mass. Link trimming and fuse sizing mechanism. 2,148,591; Feb. 28.
Taylor, Elmer H., assignor to The Chase-Shawmut Company, Newburyport, Mass. Electric switch. 2,158,387; May 16.
Taylor, Elmer H., assignor to The Chase-Shawmut Company, Newburyport, Mass. Circuit breaker. 2,160,236; May 30.
Taylor, Elmer H., assignor to The Chase-Shawmut Company, Newburyport, Mass. Electric switch and tripping mechanism therefor. 2,160,424; May 30.
Taylor, Frank O., assignor to The Taylor Seed Cleaner & Grader Company, Hot Springs, Mont. Seed cleaner and grader. 2,150,298; Mar. 14.
Taylor, Frank W., Birmingham, assignor to H. C. Webb & Co. Ltd., Witton, Birmingham, England. Cycle and like brake. 2,160,181; May 30.
Taylor, Fred D., Lockport, N. Y., assignor to General Motors Corporation, Detroit, Mich. Surge tank. 2,158,388; May 16.
Taylor, Fred L. (See Britton, E. C., and Taylor.)
Taylor, Fred L. (See Britton, E. C., Davis, and Taylor.)
Taylor, Fred L. (See Thomas, C. A., and Taylor.)
Taylor, George E., assignor to S. E. Sosna and G. E. Taylor, doing business as Chicago Upholsteres Supply Company, Chicago, Ill. Spring assembly. 2,145,408; Jan. 31.
Taylor, George E., Chicago, Ill., assignor to S. E. Sosna and G. E. Taylor, as trustees. Means and method for assembling the individual springs of spring units. 2,172,483; Sept. 12.
Taylor, George E., and F. A. Smith, Charleston, W. Va. Mechanical movement. 2,149,321; Mar. 7.
Taylor, George N., East Providence, R. I., assignor to Universal Winding Company, Boston, Mass. Winding machine. 2,165,018; July 4.
Taylor, George N., East Providence, and J. MacA. Ewart, Oakland Beach, R. I., assignors to Universal Winding Company, Boston, Mass. Tension device for winding and like machines. 2,160,763; May 30.
Taylor, George O., Cicero, assignor to The Lubrication Corporation, Chicago, Ill. Fluid operated vacuum device. 2,164,552; July 4.
Taylor, Harden F., assignor to The Atlantic Coast Fisheries Company, New York, N. Y. Vitamin preparation and making same. 2,183,053; Dec. 12.
Taylor, Harry. (See Smith, H., and Taylor.)
Taylor, Harry R., assignor of one-half to B. V. Bridgewater, Portland, Oreg. Stocking protector. 2,179,027; Nov. 7.
Taylor, Henry G. (See Wengel, R. W., and Taylor.)
Taylor, Hugh S., Princeton, N. J., assignor to The M. W. Kellogg Co., New York, N. Y. Catalytic alkylation of aromatic hydrocarbons. 2,168,590; Aug. 8.
Taylor Instrument Companies. (See Brown, H. Brainard, assignor.)
Taylor Instrument Companies. (See Hurlburt, Edward N., assignor.)
Taylor Instrument Companies. (See Roda, Richard F., assignor.)
Taylor Instrument Companies. (See Stricklen, J. R., and Foote, assignors.)
Taylor Instrument Companies. (See Tate, Kenneth L., assignor.)
Taylor Instrument Companies. (See Young, William M., assignor.)
Taylor, Irving A. (See Flygare, C. G., and Taylor.)
Taylor, Irving A., assignor to Norton Company, Worcester, Mass. Grinding machine. 2,183,494; Dec. 12.
Taylor, James, Saltcoats, Ayrshire, Scotland, assignor to Imperial Chemical Industries, Limited. Charge for gas pressure operated blasting devices. 2,154,221; Apr. 11.
Taylor, James, Saltcoats, Ayrshire, Scotland, assignor to Imperial Chemical Industries Limited. Gas-producing nondetonating composition. 2,159,234; May 23.
Taylor, James A., et al. (See Pride, Jason N., assignor.)
Taylor, James G., Fairfield, Ohio. Machine gun mount. 2,148,515; Feb. 28.
Taylor, James G., San Rafael, Calif. Flap and aileron control system. 2,158,092; May 16.
Taylor, James G., San Rafael, Calif., and J. A. Roche and O. F. Spevacek, Dayton, Ohio. Landing gear for amphibian airplanes. 2,159,058; May 23.
Taylor, James H., Oak Park, Ill. Making T's. 2,162,870; June 20.
Taylor, James H., Oak Park, Ill. Mandrel for making pipe bends. 2,181,384; Nov. 28.
Taylor, James W., assignor to Marvel Equipment Corporation, Detroit, Mich. Ventilating window. 2,145,668; Jan. 31.
Taylor, James W., San Antonio, Tex. System for flowing wells. 2,148,592; Feb. 28.
Taylor, Jerome J., Detroit, Mich. Current interrupting system. 2,156,410; May 2.
Taylor, Jesse E. (See Geertz, E., and Taylor.)
Taylor, John J., Wadsworth, Ohio. Insulator. 2,162,288; June 13.
Taylor, John J., Wadsworth, assignor to The Ohio Brass Company, Mansfield, Ohio. Insulator and method of manufacturing the same. 2,142,422; Jan. 3.
Taylor, John J., Wadsworth, assignor to The Ohio Brass Company, Mansfield, Ohio. Insulator. 2,155,848; Apr. 25.
Taylor, John R., Bedford, England, assignor to Cutler-Hammer, Inc., Milwaukee, Wis. Electric motor control system. 2,165,521; July 11.

Taylor, John R., Natrona, Pa., assignor to Allegheny Steel Company. Method and apparatus for annealing metal charges. 2,169,621; Aug. 15.
Taylor, Joseph A. (See Cameron, F. K., Huffman, and Taylor.)
Taylor, Joseph E., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Spark adjusting tool. 2,148,222; Feb. 21.
Taylor, Joseph E., De Land, Fla. Stove. 2,153,106; Apr. 4.
Taylor, Joseph I., Elizabethton, Tenn., assignor to North American Rayon Corporation, New York, N. Y. Rubberizing of fabrics and agents therefor. 2,181,538; Nov. 28.
Taylor, Le Roy B., Cleveland, Ohio. Reversible window. 2,181,385; Nov. 28.
Taylor, Lester M., Dayton, Ohio. Man-powered vehicle. 2,177,793; Oct. 31.
Taylor, Marion D., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Effecting catalytic reactions. 2,143,364; Jan. 10.
Taylor, Maurice C., and J. F. White, Niagara Falls, assignors to The Mathieson Alkali Works, Inc., New York, N. Y. Bleaching of cellulosic materials. 2,145,062; Jan. 24.
Taylor, Maurice K., Hollinwood, England, assignor to Ferranti Electric Inc., New York, N. Y. Electron discharge tube. 2,178,056; Oct. 31.
Taylor, Myron L., Hudson, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Apparatus for preventing ice accumulation. 2,168,008; Aug. 1.
Taylor, Raymond, Earl Shilton, England, assignor, by mesne assignments, to Hosiery Patents, Inc., Wilmington, Del. Hose. Re. 21,258; Nov. 7, 1939.
Taylor, Reginald, Liverpool, England, and G. T. Baker, Glamorganshire, Wales, assignors to Associated Telephone and Telegraph Company, Chicago, Ill. Telephone system. 2,142,661; Jan. 3.
Taylor, Reginald, Liverpool, England, assignor to Associated Telephone and Telegraph Company, Chicago, Ill. Telephone system. 2,154,786; Apr. 18.
Taylor, Reginald, and G. T. Baker, Liverpool, England, assignors to Associated Telephone and Telegraph Company, Chicago, Ill. Automatic switch for use in telephone or like systems. 2,154,785; Apr. 18.
Taylor, Reginald, and G. T. Baker, Liverpool, England, assignors to Associated Telephone & Telegraph Company, Chicago, Ill. Telephone system. 2,166,329; July 18.
Taylor, Reginald, and G. T. Baker, Liverpool, England, assignors to Associated Telephone and Telegraph Company, Chicago, Ill. Telephone system. 2,169,302; Aug. 15.
Taylor, Reginald, and G. T. Baker, Liverpool, England, assignors to Associated Telephone and Telegraph Company, Chicago, Ill. Telephone system. 2,172,947; Sept. 12.
Taylor, Richard J. (See Taylor, William J. and R. J.)
Taylor, Robert B., Schenectady, N. Y., assignor to General Electric Company. Elevator system. 2,145,809; Jan. 31.
Taylor, Robert B., near Knoxville, Tenn. Freezing foods. 2,164,362; July 4.
Taylor, Robert B., near Knoxville, Tenn., assignor to Tennessee Valley Authority, Wilson Dam, Ala. Washing food with refrigerant. 2,172,417; Sept. 12.
Taylor, Robert B., near Knoxville, Tenn., assignor to Tennessee Valley Authority, Wilson Dam, Ala. Separating refrigerant from frozen foods. 2,172,418; Sept. 12.
Taylor, Robert H. (See Muskat, I. E., and Taylor.)
Taylor, Robert L., Aspinwall, Pa. Burial receptacle. 2,156,552; May 2.
Taylor, Rowland L. (See Frohman, Philip H., assignor.)
signor.)
Taylor, Russell C., Greenwich, Conn., assignor to American Can Company, New York, N. Y. Container. 2,183,595; Dec. 19.
Taylor, Rutherford H. (See Stone, J. M., and Taylor.)
Taylor, Rutherford H., Millburn, N. J., assignor to J. K. Smit & Sons, Inc., New York, N. Y. Apparatus for manufacturing diamond cutting tools. 2,174,904; Oct. 3.
Taylor, S. G., Chain Co. (See Taylor, Edward W., as-
Taylor, Samuel Y., Houston, assignor to H-T Band Socket Corporation, Galveston, Tex. Metal shears. 2,176,158; Oct. 17.
Taylor, Scott V. E., Detroit, Mich. Hydraulic transmission. Re. 20,988; Jan. 24.
Taylor Seed Cleaner & Grader Company, The. (See Taylor, Frank O., assignor.)
Taylor, Thaddeus A., Lufkin, Tex. Air conditioning device. 2,182,973; Dec. 12.
Taylor, Theron C., Detroit, Mich. Treatment of limestone. 2,165,735; July 11.
Taylor, Thomas, Carmel, Calif. Streamlined baseball bat or the like. 2,169,774; Aug. 15.
Taylor, Thomas E., assignor to The Cleveland Cooperative Stove Company, Cleveland, Ohio. Oven for domestic ranges. 2,160,764; May 30.
Taylor, Thomas E., assignor to The Cleveland Cooperative Stove Company, Cleveland, Ohio. Top-front panel structure for ranges. 2,160,765; May 30.
Taylor, Thomas E., assignor to The Cleveland Co-Operative Stove Company, Cleveland, Ohio. Cooking range. 2,174,852; Oct. 3.
Taylor, Thomas E., assignor to The Cleveland Cooperative Stove Company, Cleveland, Ohio. Oven for domestic ranges. 2,180,563; Nov. 21.
Taylor, Thomas I., New York, N. Y. Composition of matter. 2,172,743; Sept. 12.
Taylor, Uther H., Mangum, Okla. Airplane wing with variable angles of incidence. 2,152,981; Apr. 4.
Taylor-Wharton Iron & Steel Company. (See Hanks, George R., assignor.)
Taylor, Wilfrid, and C. R. L. Hall, Saltcoats, Scotland, assignors to Imperial Chemical Industries Limited. Manufacture of electric fuseheads such as are used, for example, in blasting detonators. 2,180,129; Nov. 14.
Taylor, William, deceased (by R. V. Rodwell, executor), and E. A. Cooke, assignors to Kapella Limited, Leicester, England. Engraving machine or the like. 2,179,388; Nov. 7.
Taylor, William E., East Orange, assignor to American Can Company, New York, N. Y. Container. 2,178,618; Nov. 7.
Taylor, William H., and S. C. Kershaw, Pawtucket, R. I., assignors to The Clark Thread Company, Newark, N. J. Band forming and placing apparatus. 2,151,340; Mar. 21.
Taylor, William I., Spondon, near Derby, England, assignor to Celanese Corporation of America. Production of cellulose derivative staple fiber yarns. 2,174,607; Oct. 3.
Taylor, William I., and A. H. Woodruff, Spondon, near Derby, England, assignors to Celanese Corporation of America. Effecting intermittent treatment of running yarns and the like. 2,152,222; Mar. 28.
Taylor, William I., and L. B. Gibbins, Spondon, near Derby, England, assignors to Celanese Corporation of America. Ink and the marking of textile materials. 2,165,522; July 11.
Taylor, William I., and A. H. Woodruff, Spondon, near Derby, England, assignors to Celanese Corporation of America. Production of yarn containing staple fiber from continuous filaments. 2,167,916; Aug. 1.
Taylor, William J., assignor to The Lamson Company, Syracuse, N. Y. Machine for making frozen confections. 2,166,380; July 18.
Taylor, William J., Syracuse, assignor to Joe Lowe Corporation, New York, N. Y. Portable handle stick gripping mechanism. 2,178,525; Oct. 31.
Taylor, William J., Jr., Shreveport, La. Method of and apparatus for geological exploration. 2,172,778; Sept. 12.
Taylor, William J. and R. J., assignors to The Lamson Company, Syracuse, N. Y. Confection machine. 2,166,381; July 18.
Taylor, William J., J. A. Boudreau, and R. E. Cote, assignors to The Lamson Company, Syracuse, N. Y. Pneumatic dispatch system. 2,176,439; Oct. 17.
Taylor, William L., Roanoke, Va. Fishing tackle. 2,180,781; Nov. 21.
Taylor, William L., Roanoke, Va., assignor of one-half to W. V. Fielder, Baltimore, Md. Trailer. 2,154,365; Apr. 11.
Taywal Corporation. (See Epperson, Newell M., assignor.)
Tea, Clark A. (See Breer, C., and Tea.)
Tea, Clark A. (See Lee, R. K., and Tea.)
Tea, Peter L., Yonkers, N. Y. Area measuring device. 2,179,000; Nov. 7.
Teague, Walter D., Jr., Forest Hills, N. Y., assignor to The Crosley Corporation, Cincinnati, Ohio. Dial construction. 2,152,106; Mar. 28.
Teague, Walter D., New York, and D. A. Young, Jr., assignors to Eastman Kodak Company, Rochester, N. Y. Still projector. 2,169,010; Aug. 8.
Teahen, James M., Detroit, Mich. Water closet. 2,166,573; July 18.
Teal, Gordon K., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,160,796; May 30.
Teal, Gordon K., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,160,797; May 30.
Teal, Gordon K., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge apparatus. 2,160,798; May 30.
Teal, Gordon K., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electron discharge device. 2,160,799; May 30.
Teal, Gordon K., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Cathode ray tube. 2,173,923; Sept. 26.
Tear, Harry R. (See Dodge, A. Y., and Tear.)
Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,146,385; Feb. 7.
Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Lubricating device. 2,149,127; Feb. 28.
Tear, Harry R., Evanston, assignor to The Lubrication Corporation, Chicago, Ill. Making lubricating devices. 2,164,553; July 4.
Tear, Harry R., Des Moines, Iowa, assignor to The Lubrication Corporation, Chicago, Ill. Lublicating device. 2,152,334; Mar. 28.

Tear, Harry R., Philadelphia, Pa., assignor to The Lubrication Corporation, Chicago, Ill. Cartridge filling machine. 2,174,335; Sept. 26.
Tear, James D. (See Poitras, E. J., and Tear.)
Teare, William H., and O. W. Livingston, Schenectady, N. Y., assignor to General Electric Company. Electric valve circuit. 2,160,688; May 30.
Tears, Claude F., Mountain Lakes, N. J., assignor to The Petroleum Processes Corporation, Wichita, Kans. Contact filtration of viscous lubricating oils for decolorization. 2,171,377; Aug. 29.
Teatini, Dario, Hougaerde, Belgium. Purification of sugar factory and refinery juices. 2,184,570; Dec. 26.
Tebo, William A., Anthony, R. I. Shuttle. 2,152,223; Mar. 28.
Tebo, William A., Anthony, R. I. Shuttle tension. 2,170,541; Aug. 22.
Tecalemit Limited. (See Langley, Thomas W., assignor.)
Technical Appliance Corporation. (See Lundahl, Tore, assignor.)
Technical Development Corporation, The. (See Smith, James M., assignor.)
Technical Inventions Limited. (See Elsome-Jones, Ronald J., assignor.)
Technical Oil Tool Corporation. (See Culbertson, Joe W., assignor.)
Technical Oil Tool Corporation. (See Jones, Harry H., assignor.)
Technical Oil Tool Corporation. (See Lake, F. W., and Wallace, assignors.)
Technical Research Corporation. (See Smith, Harold J., assignor.)
Technico, Inc. (See Snyder, F. H., and Rimbach, assignors.)
Technicolor Motion Picture Corporation. (See Ball, J. A., and Hoch, assignors.)
Technicolor Motion Picture Corporation. (See Whittaker, Lloyed E., assignor.)
Technygraph, The. (See Herterich, William F., assignor.)
Tedham, William F. (See Shoenberg, I., Condliffe, and Tedham.)
Tedham, William F., Abbey Wood, London, assignor to Electric and Musical Industries Limited, Hayes, Middlesex, England. Television transmitting and the like system. 2,153,163; Apr. 4.
Teece, Sydney H., deceased, Boulia, Queensland, by Queensland Trustee Limited, executor, Brisbane, Australia. Variable speed power transmission mechanism. 2,149,560; Mar. 7.
Teeple, Charles F., Moline, Ill. Pump. 2,175,947; Oct. 10.
Teeple, Lawrence R., Portland, Oreg. Stoker control switch. 2,142,462; Jan. 3.
Teeple, Lawrence R., Portland, Oreg. Apparatus for detecting and maintaining fire in a stoker. 2,154,787; Apr. 18.
Teeple, Robert. (See Collins, J. L., and Teeple.)
Teeter, Wilford H. (See Hofferberth, G. F., and Teeter.)
Teeter, Wilford H., Dayton, Ohio, assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Charge forming device. 2,155,104; Apr. 18.
Teeters, Thomas, Snyder, N. Y. Furnace construction. 2,154,414; Apr. 11.
Teetor, Paul. (See Gundlach, H. R., and Teetor.)
Teetsel, Alvin C., assignor, by mesne assignments, to Ferodo and Asbestos Inc., New Brunswick, N. J. Forming friction facings. 2,144,234; Jan. 17.
Tee Up Limited. (See Hays, Rex B., assignor.)
Tefag Textil-Finanz A. G. (See Moessinger, Albert, assignor.)
Tefi-Apparatebau Dr. Daniel K.-G. (See Daniel, Karl, assignor.)
Tefi-Apparatebau Dr. Daniel K.-G. (See Fries, Gustav, assignor.)
Te Grotenhuis, Theodore A. (See Allen, R. W., and Te Grotenhuis.)
Tegarden, Edward. (See See, T. S., Tegarden and Williams.)
Tegarty, John B., Lakewood, Ohio. Making car coupler yokes. 2,149,640; Mar. 7.
Tegarty, John B., St. Clair, Mich. Making car coupler yokes. 2,178,150; Oct. 31.
Tegarty, John B., assignor to Sterling Injection Molding, Inc., Buffalo, N. Y. Thermoplastic molding. 2,178,410; Oct. 31.
Tegarty, John B., St. Clair, Mich., assignor, by mesne assignments, to The Standard Products Company, Port Clinton, Ohio. Two-piece molded knob assembly. 2,182,007; Dec. 5.
Telefonaktiebolaget L. M. Ericsson. (See Alexandersson, H. V., and Hullegård, assignors.)
Telefonaktiebolaget L. M. Ericsson. (See Alexandersson, H. V., and Siewert, assignors.)
Telefonaktiebolaget L. M. Ericsson. (See Hullegård, Erik W., assignor.)
Telefonaktiebolaget L. M. Ericsson. (See Käll, Alfred, assignor.)
Telefonaktiebolaget L. M. Ericsson. (See Lienzén, David L., assignor.)
Telefonaktiebolaget L. M. Ericsson. (See Nilsson, Nils E., assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie. (See Franke, E., and Ewald, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Andrieu, Robert, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H. (See Bartles, Bernhard, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Bartels, Hans, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Bartles, H., and Ulbricht, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Berndt, Walter, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Beuermann, Wilhelm, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Böhm, O., and Gruhnwald, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Brandt, Erich, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Braunschweig, Werner, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Breyer, Felix, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Brunnert, O., and Severin, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Buchardt, Raymond, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Buschbeck, Werner, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Buschbeck, W., and Prost, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Buschbeck, Werner, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Diels, Kurt, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Dietrich, Hans L., assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Drewell, P., and Steudel, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Ewald, W. F., and Wilhelm, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Ewald, W. F., Wilhelm, Pitsch, and Tüxen, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Federmann, W., Andrieu, and Heidenreich, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Fritz, Karl, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Fritz, K., and Runge, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Geiger, Max, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gentsch, Erich, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gerhard, Ernst, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gerhard, E., and Ilberg, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gerhard, E., and Scharlau, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gerlach, Erwin, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gothe, Albrecht, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gothe, A., Buschbeck, and Kautter, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gothe, A., Roosenstein, and Walter, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Gürtler, Rudolf, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hagenhaus, Kurt, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hermann, Dietrich, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hermanspann, Paul, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hofer, Rudolf, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hollmann, Hans E., assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Hülster, Friedrich, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Ilberg, Waldemar, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Jäkel, P., and Muth, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Jobst, Gunther, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kauffeldt, Alfons, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kautter, Wolfgang, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Klotz, Ernst, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Knoblauch, H., and Kluge, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Knoll, Max, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Knoll, M., Bartels, and Spengler, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Knoll, M., and Urtel, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kotowski, P., and Dannehl, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kotowski, P., and Sonnenfeld, assignors.)

Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kreienfeld, Friedrich, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Kriebel, Walter, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Krügel, Lothar, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Liebich, Georg, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Mahnken, Werner, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Meggenhofen, Eduard M., assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Mennerich, Wilhelm, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Michelssen, Fritz, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Moser, Wilhelm, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Moser, W., and Paul,assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Muth, Herbert, assignor.)
Telefunken Gesellscraft für Drahtlose Telegraphie m. b. H. (See Paffrath, Georg, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Paschke, Erich, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Pigge, Hans, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Pitsch, Helmut, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Prochnow, Rudolf, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Rechnitzer, Rudolf, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Renatus, Gustav, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Roosenstein, Hans O., assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Roosenstein, H. O., and Diels, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Roosenstein, H. O., and Hewel, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Rothe, H., and Kleen, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Rothe, H., and Urtel, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Runge, Wilhelm, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Runge, W., and Roosenstein, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Runge, W., and Brandt, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Runge, W., and Kunze, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Sauerland, Alfred, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schaffstein, Goswin, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Scharlau, Hans, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Scharlau, H., Runge, Buschbeck and Fritz, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schenk, W., and Marthiens, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schienemann, Rudolf, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schilgen, Fritz, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schmid, K., Ilberg, and Runge, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schmidt-Ott, H. D., and Mechau, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schneider, Wilhelm, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schriever, O., and Federmann, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schröder, Heinrich, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schröter, Fritz, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schröter, F., and Knoll, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schröter, F., Knoll, and Bartels, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schultz, Rudolf, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Schüssler, Karl, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Seiler, Richard, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Severin, Edwin, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Steimel, Karl, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Steimel, K., and Urtel, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Tüxen, Otto, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Urtel, Rudolf, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Urtel, R., and Andrieu, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Urtel, R., Andrieu, and Geiger, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Vogt, G., and Stierhof, assignors.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See von Bronk, Otto, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See von Korshenewsky, Nicolai, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See von Radinger, Rudolf, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Walter, Ludwig, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Weber, Rudolf, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Wilhelm, Karl, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Wolf, Günter, assignor.)
Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H. (See Zepler, Erich, assignor.)
Telegraphy Improvements Company. (See Rustad, L. L., and Extrom, assignors.)
Telephon-Apparat Fabrik E. Zwietusch and Company. (See Biniek, Georg, assignor.)
Telephon-Apparat Fabrik E. Zwietusch and Company. (See Döhle, H., and Langner, assignors.)
Telephon-Apparat Fabrik E. Zwietusch and Company. (See Langner, Heinrich, assignor.)
Teleregister Corporation, The. (See Haselton, M. L., and Hicks, assignors.)
Teleregister Corporation, The. (See Hazelton, M. L., and May, assignors.)
Teleregister Corporation, The. (See Hicks, Raymond M., assignor.)
Teleregister Corporation, The. (See Hicks, R. M., and Leroy, assignors.)
Teleregister Corporation, The. (See Muller, Alexander C., assignor.)
Teleregister Corporation, The. (See Scheidegger, Hans R., assignor.)
Teletype Corporation. (See Benjamin, Abraham S., assignor.)
Teletype Corporation. (See Burcky, C. W., and Zenner, assignors.)
Teletype Corporation. (See Carr, John O., assignor.)
Teletype Corporation. (See Dahlgren, Harold T., assignor.)
Teletype Corporation. (See Hanke, E. W. F., and Zenner, assignors.)
Teletype Corporation. (See Kleinschmidt, Edward E., assignor.)
Teletype Corporation. (See Kleinschmidt, Edward E. and E. F., assignors.)
Teletype Corporation. (See Kleinschmidt, E. E., and Hulfish, assignors.)
Teletype Corporation. (See Krum, Howard L., assignor.)
Teletype Corporation. (See Krum, H. L., and Reiber, assignors.)
Teletype Corporation (See Krum, H. L., and Swan, assignors.)
Teletype Corporation. (See Miller, Tony P., assignor.)
Teletype Corporation. (See Potts, Louis M., assignor.)
Teletype Corporation. (See Reiber, Albert H., assignor.)
Teletype Corporation. (See Zenner, Raymond E., assignor.)
Teletype Corporation. (See Zenner, Walter J., assignor.)
Teletypesetter Corporation. (See Cook, L. R., and Goetz, assignors.)
Teletypesetter Corporation. (See Goetz, Marcus T., assignor.)
Telfer, Arthur K. (See Kepfer, R. J., and Telfer.)
Telfer, Edmund V., Newcastle-upon-Tyne, England. Propeller. 2,150,299; Mar. 14.
Tell, Karl G., Detroit, Mich. Guard for automobiles. 2,161,837; June 13.
Tell, William J., assignor to General Motors Corporation, Detroit, Mich. Hood support. 2,162,135; June 13.
Tellegen, Bernardus D. H., Eindhoven, Netherlands, assignor to Radio Corporation of America. Band filter circuits. 2,151,813; Mar. 28.
Tellegen, Bernardus D. H., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Superheterodyne receiving circuits. 2,151,814; Mar. 28.
Tellegen, Bernardus D. H., assignor to N. V. Philips Gloeilampenfabrieken, Eindhoven, Netherlands. Receiving circuit. 2,167,011; July 25.
Tellegen, Bernardus D. H., J. Peek, G. Hepp, and V. C. Henriquez, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Receiver noise suppression circuit. 2,151,170; Mar. 21.
Tellegen, Bernardus D. H., and C. J. van Loon, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. High frequency tuned amplifier circuits. 2,155,025; Apr. 18.
Teller, George L. and W K., assignors to H. H. Doering, Chicago, Ill. Plasticizing cheese, product, and plasticizing agent. 2,148,593; Feb. 28.
Teller, Grace, et al. (See Teller, J., and Schulz, assignors.)
Teller, Jacob, et al. (See Teller, J., and Schulz, assignors.)
Teller, Jacob, and A. P. Schulz, assignors, by mesne assignments, to said J. Teller and G. Teller, Chicago, Ill. Range and refrigerator construction. 2,150,300; Mar. 14.
Teller, W. Kedzie. (See Doering, C., and Teller.)
Teller, W Kedzie. (See Teller, George L. and W K.)

Temperatair Incorporated. (See Farr, Morrill N., assignor.)
Temple, George W., New York, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Cap for collapsible tubes. 2,144,902; Jan. 24.
Temple, George W., New York, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Collapsible tube and cap therefor. 2,152,001; Mar. 28.
Temple, George W., New York, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Melting pot. 2,152,446; Mar. 28.
Temple, George W., New York, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Glass applicator cap. 2,157,743; May 9.
Temple, George W., New York, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Cap-tightening mechanism for collapsible tubes. 2,166,382; July 18.
Temple, George W., New York, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Slug feeding mechanism for tube extruding presses. 2,180,313; Nov. 14.
Temple, Harold F., Freeport, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Single-dose tube. 2,146,921; Feb. 14.
Temple, Harold F., Freeport, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Stripper for collapsible tube extruding presses. 2,161,752; June 6.
Temple, Harold F., Freeport, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Die quenching device. 2,176,845; Oct. 17.
Temple, Leonard R., assignor to Temple Safety on Sea Corporation, Rosslyn, Va. Lifesaving garment. 2,181,159; Nov. 28.
Temple, Paul C., assignor to A. W. Cash Company, Decatur, Ill. Valve mechanism. 2,154,964; Apr. 18.
Temple, Robert, Jr., Pittsburgh, Pa. Explosively actuated press. 2,149,641; Mar. 7.
Temple, Robert M., Philadelphia, Pa. Dough mixing apparatus. 2,155,454; Apr. 25.
Temple Safety on Sea Corporation. (See Temple, Leonard R., assignor.)
Templeman, James A., near Seattle, assignor to Grade-O-Lite, Inc., Seattle, Wash. Egg grading device. 2,165,423; July 11.
Templeton, Edwin G. (See Urquhart, W. R., and Templeton.)
Temprite Products Corporation. (See McLaughlin, Howard B., assignor.)
Ten Cate, Steven J. B., Kootwijk, Netherlands. Manufacturing artificial leather. 2,142,292; Jan. 3.
Tenacity Manufacturing Co., The. (See Auburn, Hubert, assignor.)
Tenak Products Company. (See Libberton, Herbert, assignor.)
Tench, Frederick, White Plains, N. Y., assignor to L. T. Corporation. Grating. 2,155,694; Apr. 25.
Tench, Frederick, White Plains, N. Y., assignor to L. T. Corporation, Exchange Place, Hudson County, N. J. Welded skeleton joist or truss. 2,180,486; Nov. 21.
Tennant, G. H., Company. (See Hale, L., Pennock, and Price, assignors.)
Tennant, G. H., Company. (See Price, Earl E., assignor.)
Tennessee Eastman Corporation. (See Othmer, Donald F., assignor.)
Tennessee Enamel Manufacturing Company. (See Evans, W. B., and Lawson, assignors.)
Tennessee Valley Authority. (See Taylor, Robert B., assignor.)
Tenney, Alvan H. (See Clapsadle, L. J., and Tenney.)
Tenney, Dwight, Verona, N. J. Ventilating unit. 2,159,913; May 23.
Tenney, Perry L., Lansing, and B. Cataline, Flint, assignors to General Motors Corporation, Detroit, Mich. Change-speed control. 2,157,249; May 9.
Tennison, Alfred A. and J. D., Texarkana, Ark. Termite shield. 2,176,598; Oct. 17.
Tennison, Alfred J. (See Brown, Westgarth S. F., and Tennison.)
Tennison, James D. (See Tennison, Alfred A. and J. D.)
Tennison, James D., Memphis, Tenn. Termite shield. 2,150,891; Mar. 14.
Tensfeldt, Ernst. (See von Kintzel, Georg, assignor.)
Te Pas, Coletta A., administratrix. (See Te Pas, Edmund J.)
Te Pas, Edmund J., deceased, Euclid, Ohio; C. A. Te Pas, administratrix. Shaving device. 2,178,976; Nov. 7.
Teppema, Jan, Boston, Mass., assignor to Wingfoot Corporation, Wilmington, Del. Preserving rubber. 2,144,590; Jan. 17.
Tepper, Jacob H., Worcester, Mass. Tooth brush. 2,146,455; Feb. 7.
Tepper, Joseph, Boston, Mass. Combined canvas-stretcher and picture frame. 2,149,985; Mar. 7.
Terauchi, Seichi, Lanai City, Hawaii. Rotary brush. 2,178,943; Nov. 7.
Terhaar, Aloysius S., Lemon Grove, Calif. Rotary rod bending apparatus. 2,148,914; Feb. 28.
Terhaar, Aloysius S., Lemon Grove, Calif. Musical instrument. 2,153,817; Apr. 11.
Ter Horst, William P., Lakewood, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Preserving rubber. 2,178,545; Nov. 7.
Ter Horst, William P., Packanack Lake, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Parasiticide. 2,181,217; Nov. 28.
Terjesen, Tellef A. (See Ebert, J. F., and Terjesen.)
Terjesen, Tellef A., Hoboken, N. J., assignor to Signal Engineering & Manufacturing Company, New York, N. Y. Code setting device for signal systems. 2,170,100; Aug. 22.
Terman, Frederick E., Stanford University, Calif. Modulator. 2,152,753; Apr. 4.
Terman, Frederick E., Stanford University, Calif. Multirange meter. 2,167,162; July 25.
Ter Mors, Henni, assignor of one-half to N. V. Spinnerij Osterveld, Enschede, Netherlands. Spinning or twisting spindle. 2,178,488; Oct. 31.
Ternstedt Manufacturing Company. (See Andersen, Andrew C., assignor.)
Ternstedt Manufacturing Company. (See Cripps, Albert A., assignor.)
Ternstedt Manufacturing Company. (See Bihler, Walter G., assignor.)
Ternstedt Manufacturing Company. (See Dean, Roy H., assignor.)
Ternstedt Manufacturing Company. (See Greif, Alfred S., assignor.)
Ternstedt Manufacturing Company. (See Kegler, Harold L., assignor.)
Ternstedt Manufacturing Company. (See Lakin, John W., assignor.)
Ternstedt Manufacturing Company. (See Rhein, Lloyd R., assignor.)
Ternstedt Manufacturing Company. (See Rhein, L. R., and Greif, assignors.)
Ternstedt Manufacturing Company. (See Schallis, Carl A., assignor.)
Ternstedt Manufacturing Company. (See Simpson, E. G., and Graf, assignors.)
Ternstrom, Torolf, Motala, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigerator. 2,180,177; Nov. 14.
Terrasse, Gustave J. J., Lyon, assignor to Société Anonyme Tissages de Soieries Reunis, Lyon, Rhone, France. Woven fabric. 2,163,769; June 27.
Terrel, Dennis T., Oklahoma City, Okla. Extractor for tightly packaged articles. 2,159,459; May 23.
Terrell, Edgar A., assignor to The Terrell Machine Company, Charlotte, N. C. Yarn cutter for bobbin strippers. 2,179,804; Nov. 14.
Terrell Machine Company, The. (See Donahoo, David H., assignor.)
Terrell Machine Company, The. (See Kimbirl, Julius E., assignor.)
Terrell Machine Company, The. (See Terrell, Edgar A., assignor.)
Terrell, Milton B., Columbus, Ohio. Interlocking wall joint construction. 2,176,778; Oct. 17.
Terrell, Orey C., Attica, Kans. Running gear for motor vehicles. 2,180,917; Nov. 21.
Terrell, Ralph A., assignor to Borg-Warner Corporation, Chicago, Ill. Machine for making a barrel. 2,158,312; May 16.
Terres, Ernest, New York, E. Saegebarth, Long Island City, N. Y., and J. Moos, Berlin-Mariendorf, Germany, assignors, by mesne assignments, to Edeleanu Gesellschaft m. b. H., Berlin, Germany. Refining hydrocarbon oils by means of esters. 2,145,185; Jan. 24.
Terres, Ernest, New York, and E. Saegebarth, Long Island City, N. Y., and J. Moos, Berlin-Mariendorf, and H. Ramser, Berlin-Steglitz, assignors, by mesne assignments, to Edeleanu, Gesellschaft m. b. H., Berlin, Germany. Refining mineral oils. 2,163,564; June 20.
Terres, Ernst, Berlin, Germany, J. Moos, New York, and E. Saegebarth, Jackson Heights, N. Y. assignors to Edeleanu Gesellschaft, m. b. H. Refining hydrocarbon oils by means of halogen compounds. 2,161,753; June 6.
Terres,Ernst, Berlin, Germany, and J. Moos, New York, and H. Ramser, Long Island City, N. Y., assignors to Edeleanu Gesellschaft m. b. H. Refining mineral oils by means of fluorinated aliphatic hydrocarbon compounds. 2,162,682; June 13.
Terres, Ernst, Berlin, Germany, J. Moos, New York, and E. Saegebarth, Jackson Heights, N. Y., assignors to Edeleanu Gesellschaft, m. b. H. Refining hydrocarbon oils by means of organic oxides. 2,174,765; Oct. 3.
Terres, Ernst, Berlin, Germany, J. Moos, New York, and E. Saegebarth, Jackson Heights, N. Y., assignors, by mesne assignments, to Edeleanu Gesellschaft, m. b. H., Berlin, Germany. Refining hydrocarbon oils. 2,178,515; Oct. 31.
Terrier, Felix, and M. Adam, Paris, France. Duplicating machine. 2,169,933; Aug. 15.
Terrill, James E., Joinerville, Tex. Apparatus for washing and cementing oil wells. 2,156,207; Apr. 25.
Terry, Charles M., assignor to A. W. Cash Company, Decatur, Ill. Regulating apparatus. 2,183,110; Dec. 12.
Terry, Edward F., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Valve mechanism for rock drills. 2,154,788; Apr. 18.
Terry, Edward F., Phillipsburg, assignor to Ingersoll-Rand Company, Jersey City, N. J. Valve mechanism for rock drills. 2,180,564; Nov. 21.

Terry, George, Omaha, Nebr., assignor to Industrial Patents Corporation, Chicago, Ill. Tongue protector. 2,155,743; Apr. 25.
Terry, Hazel, Valparaiso, Ind. Reference device. 2,181,440; Nov. 28.
Terry, Herbert, & Sons Limited. (See Carwardine, George, assignor.)
Terry, Matson C., New Rochelle, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Air conditioning apparatus. 2,161,438; June 6.
Terry, Owen R., Detroit, Mich. Fountain pen filling device. 2,170,699; Aug. 22.
Terry, Paul H., Larchmont, and C. L. Gregory, New Rochelle, N. Y.; said Gregory assignor to said Terry. Method and apparatus for the production of motion picture films of the animated cartoon type. 2,174,931; Oct. 3.
Terry, Robert H. (See Clements, F. O., Terry, and Henry.)
Terry, Robert H., and A. L. Boegehold, assignors to General Motors Corporation, Detroit, Mich. Forming thin-walled hollow ferrous castings. 2,147,724; Feb. 21.
Terry, Roger V., Hilton Village, assignor to Newport Shipbuilding and Dry Dock Company, Newport News, Va. Hydraulic turbine. 2,182,974; Dec. 12.
Terry, Spencer B., West Hartford, and T. W. Hall, Torrington, assignors to Niles-Bement-Pond Company, Hartford, Conn. Continuously operating thickness gauge. 2,177,009; Oct. 24.
Terry, Trent B., Charlottesville, Va. Negligee pants. 2,176,826; Oct. 17.
Terschmann, Karl R., Lodz, Poland. Chair bedstead. 2,163,365; June 20.
Terwilliger, Ivan M., Altadena, Calif. Art in cinematography of producing fractional density combinations between differing aspects of a scene. 2,178,866; Sept. 26.
Terwilliger, Ivan M., Altadena, Calif. Producing stereoscopic photographic effects. 2,174,766; Oct. 3.
Teske, Karl P., Davenport, Iowa. Liquid molasses stock feeder. 2,158,093; May 16.
Teske, Karl P., Davenport, Iowa. Feeding liquid molasses. 2,158,094; May 16.
Tesmer, Stanley C., Berkeley, Mich. Solarium for auto trailers and the like. 2,183,111; Dec. 12.
Tesseyman, John E., and L. G. Miller, Bethlehem, Pa., assignors to Bethlehem Steel Company. Bolster center brace. 2,143,216; Jan. 10.
Tesseyman, John E., and L. G. Miller, Bethlehem, Pa., assignors to Bethlehem Steel Company. Car underframe structure. 2,183,054; Dec. 12.
Tessier, Joseph N., New Bedford, Mass. Splint. 2,172,484; Sept. 12.
Test, Ellis W., Hinsdale, M. P. Winther, Waukegan, and H. F. Peterson, Chicago, Ill., assignors, by mesne assignments, to Pullman-Standard Car Manufacturing Company. Air conditioning system for railway cars. 2,170,101; Aug. 22.
Testera, Frank S. (See Hill, S. M., and Testera.)
Testolin, Alfeo. (See Strauss, B. E., assignor, and Faultersack.)
Tetens, Raymond E., Lansing, Mich. Gyroscopic stabilizer. 2,178,351; Oct. 31.
Teter, Paul E. (See Erickson, G. L., and Teter.)
Tetzlaff, Benjamin A., Riverside, Ill. Toy construction block and interlocking retainer therefor. 2,149,476; Mar. 7.
Tetzlaff, Benjamin A., Riverside, Ill. Front sight for firearms. 2,167,012; July 25.
Tetzlaff, Benjamin A., Riverside, Ill. Clamp. 2,183,175; Dec. 12.
Tetzlaff, Edwin F., assignor to Eastman Kodak Company, Rochester, N. Y. Attachment for motion picture machines. 2,158,208; May 16.
Tetzman, Fred W., Chicago, Ill. Practice board. 2,167,696; Aug. 1.
Teves, Alfred, Maschinen- und Armaturen-Fabrik Gesellschaft mit beschrankter Haftung. (See Engel, Ernst, assignor.)
Teves, Marten C. (See Coeterier, F., and Teves.)
Teves, Marten C. (See de Boer, J. H., and Teves.)
Teves, Marten C., and F. M. Penning, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Phototube. 2,162,792; June 20.
Tew, Wilson W., Elon College, N. C. Spinner bobbin. 2,144,903; Jan. 24.
Tew, Wilson W., Elon College, N. C. Flier block brake. 2,183,756; Dec. 19.
Texas Company, The. (See Clarke, Louis A., assignor.)
Texas Company, The. (See Clarke, L. A., and Callaway, assignors.)
Texas Company, The. (See Clarke, L. A., and Knowles, assignors.)
Texas Company, The. (See Claypoole, Walter, assignor.)
Texas Company, The. (See Cook, Leon W., assignor.)
Texas Company, The. (See Cook, L. W., and Towne, assignors.)
Texas Company, The. (See Dearborn, Richard J., assignor.)
Texas Company, The. (See de Florez, Luis, assignor.)
Texas Company, The. (See Dieserud, Helge C., assignor.)
Texas Company, The. (See Evans, Louis P., assignor.)
Texas Company, The. (See Evans, L. P., and Gross, assignors.)
Texas Company, The. (See Fairbairn, George C., assignor.)
Texas Company, The. (See Gee, William P., assignor.)
Texas Company, The. (See Gee, W. P., and Neuhaus, assignors.)
Texas Company, The. (See Gross, Howard H., assignor.)
Texas Company, The. (See Hall, Frank W., assignor.)
Texas Company, The. (See Heisig, Theodore C., assignor.)
Texas Company, The. (See Hendrey, Waldersee B., assignor.)
Texas Company, The. (See Hendrey, W. B., and Knowles, assignors.)
Texas Company, The. (See Hill, George and A. G., Baker, Mitchum, and Harper, assignors.)
Texas Company, The. (See Holmes, Will K., assignor.)
Texas Company, The. (See Holter, C. B., and Stewart, assignors.)
Texas Company, The. (See Kaufman, Gus, assignor.)
Texas Company, The. (See Kaufman, G., and Philson, assignors.)
Texas Company, The. (See Kemp, Lebbeus S., assignor.)
Texas Company, The. (See Kemp, L. C., and Savage, assignors.)
Texas Company, The. (See Kendall, Marcus T., assignor.)
Texas Company, The. (See Kiersted, Wynkoop, Jr., assignor.)
Texas Company, The. (See Knowles, Edwin C., assignor.)
Texas Company, The. (See Kobbe, William H., assignor.)
Texas Company, The. (See Kuhn, Wayne E., assignor.)
Texas Company, The. (See Layne, Leslie A., assignor.)
Texas Company, The. (See Manley, Robert E., assignor.)
Texas Company, The. (See McCarty, Bernard Y., assignor.)
Texas Company, The. (See McCarty, B. Y., and Gross, assignors.)
Texas Company, The. (See McJunkin, Paul, assignor.)
Texas Company, The. (See McMillan, Wallace A., assignor.)
Texas Company, The. (See McMillan, W. A., and Cole, assignors.)
Texas Company, The. (See Oosterhout, John C. D., assignor.)
Texas Company, The. (See Pevere, Ernest F., assignor.)
Texas Company, The. (See Pevere, E. F., and Meyer, assignors.)
Texas Company, The. (See Rees, H. V., and Oosterhout, assignors.)
Texas Company, The. (See Shields, Hardin O., assignor.)
Texas Company, The. (See Slawson, Cecil F., assignor.)
Texas Company, The. (See Stapleton, Victor, assignor.)
Texas Company, The. (See Story, Le Roy G., assignor.)
Texas Company, The. (See Stratford, William M., assignor.)
Texas Company, The. (See Stryker, Daniel, assignor.)
Texas Company, The. (See Towne, Charles C., assignor.)
Texas Company, The. (See Trow, Richard F., assignor.)
Texas Company, The. (See Trotter, Odie B., assignor.)
Texas Company, The. (See Vietti, William V., assignor.)
Texas Company, The. (See Vietti, W. V., and Butler, assignors.)
Texas Company, The. (See Vietti, W. V. and Garrison, assignors.)
Texas Company, The. (See Wallace, Frank L., assignor.)
Texas Company, The. (See Watson, Claude W., assignor.)
Texas Gulf Sulphur Company. (See Bacon, R. F., and Bencowitz, assignors.)
Textile Equipment, Inc. (See Holcombe, Homer H., assignor.)
Textile-Finishing Machinery Company, The. (See Swanson, Gustaf A., assignor.)
Textile Foundation. (See Johnson, Treat B., assignor.)
Textile Machine Works. (See Anke, Rudolph, assignor.)
Textile Machine Works. (See Autem, Fred, assignor.)
Textile Machine Works. (See Bitzer, Gottlob, assignor.)
Textile Machine Works. (See Gastrich, Gustav, assignor.)
Textile Machine Works. (See Janssen, Henry, assignor.)
Textile Machine Works. (See Krissiep, Max, assignor.)
Textile Machine Works. (See Richter, Max, assignor.)
Textile Machine Works. (See Richter, M., and Hornberger, assignors.)
Textile Manufacturing Company. (See Clifford, George M., assignor.)
Textile Specialty Company. (See Bond, E. R., and Hobbs, assignors.)
Textile Specialty Corporation. (See Weber, Max, assignor.)
Textilewerk Hom A. G. (See Knup, E., and Naef, assignors.)
Thacher, Philip L., Topeka, Kans. Glare shield. 2,143,134; Jan. 10.
Thacker, William J., Pittsfield, Mass., assignor to General Electric Company. Electric capacitor. 2,159,826; May 23.
Thaeler, Albert H., et al. (See Cox, T. V., and Neale, assignors.)
Thaeler, Albert H., Greensboro, N. C. Christmas ornament. 2,183,326; Dec. 12.
Thaheld, Feri A., assignor to The Guiberson Corporation, Dallas, Tex. Well packer. 2,144,420; Jan. 17.
Thaheld, Feri A., assignor to The Guiberson Corporation, Dallas, Tex. Well swab. 2,144,997; Jan. 24.
Thaheld, Feri A., assignor to The Guiberson Corporation, Dallas, Tex. Packer. 2,165,687; July 11.

Thaheld, Feri A., assignor to The Guiberson Corporation, Dallas, Tex. Plunger. 2,181,748; Nov. 28.
Thal, Georg. (See Sobczak, W., and Thal.)
Tharp, Homer R., San Antonio, Tex. Electrical fountain pen soldering iron. 2,173,380; Sept. 19.
Tharp, James H., Abilene, Tex. Grinding or honing machine. 2,162,187; June 13.
Thatcher, Charles A., Medford, Oreg. Rotary cutter for electrical cable armor. 2,176,646; Oct. 17.
Thatcher, Charles J., New York, N. Y. Piped air-conditioning and heating system. Re. 21,203; Sept. 5.
Thatcher, Linden A., Coscob, assignor to Pitney-Bowes Postage Meter Company, Stamford, Conn Coin operated mailing machine 2,170,270; Aug. 22.
Thau, Max F., Los Angeles, Calif. Cooker. 2,158,341; May 16.
Thayer Action Company. (See Dasenbrook, Charles H., assignor.)
Thayer, George, East Chicago, Ind., assignor to Sinclair Refining Company, New York, N. Y. Centrifugal countercurrent contacting machine. 2,176,982; Oct. 24.
Thayer, George, East Chicago, Ind., assignor to Sinclair Refining Company, New York, N. Y. Refining. 2,176,983; Oct. 24.
Thayer, Josephus J., La Grange Park, Ill. Cell case packing machine. 2,179,648; Nov. 14.
Thayer, Lucius E., et al., trustee. (See Finnell, Norman C., assignor.)
Thayer, Paul W., Minneapolis, Minn. Closure structure with spraying device. 2,180,565; Nov. 21.
Thebaud, John E. (See Buff, P., and Thebaud.)
Thebaud, John E. (See Caley, W. J., and Theboud.)
Thege, Edvin O. P., Stockholm, assignor to Aktiebolaget Atlas Diesel, Sickla, Stockholm, Sweden. Internal combustion engine. 2,175,450; Oct. 10.
Thege, Edvin O. P., and J. H. W. Julius, Stockholm, assignors to Aktiebolaget Atlas Diesel, Sickla, Sweden. Reversible internal combustion engine. 2,157,578; May 9.
Theis, John H. (See Smith, Charles, assignor.)
Theiss, Harry W. (See Hill, J. H., and Theiss.)
Theiss, Harry W., Louisville, Ohio, assignor to Continental Steel Corporation, Kokomo, Ind. Sheet catching and stacking mechanism. 2,183,798; Dec. 19.
Thelander, W. Vincent, Rockford, Ill. Clutch plate. 2,143,040; Jan. 10.
Thelander, W. Vincent, assignor to The Atwood Vacuum Machine Company, Rockford, Ill. Trailer step. 2,153,945; Apr. 11.
Thener, Arthur F., assignor to Cupples Company, St. Louis, Mo. Making rubber articles. 2,170,919; Aug. 29.
Theobald, Edgar L., Oakland, Calif. Pencil sharpener. 2,179,140; Nov. 7.
Theobald, Thomas O., Royal Oak, Mich. Aerial. 2,167,286; July 25.
Theodore, Manuel, assignor to Measurite Products Company, Incorporated, Baltimore, Md. Dispensing device. 2,158,916; May 16.
Theodorsen, Theodore, Hampton, Va., and E. F. Andrews, Chicago, Ill. Sustaining rotor for aircraft. 2,172,333; Sept. 5.
Theodorsen, Theodore, Hampton, Va., and E. F. Andrews, Chicago, Ill. Sustaining rotor for aircraft. 2,172,334; Sept. 5.
Theodos, Vangel, San Francisco, Calif. Splice bar. 2,151,361; Mar. 21.
Ther, Eugene J., Oak Park, and M. B. Mason, Chicago, Ill. Gasification of liquid fuels. 2,150,528; Mar. 14.
Theriault, Raymond J., assignor to Edw. G. Budd Manufacturing Company, Philadelphia, Pa. Vehicle. 2,172,571; Sept. 12.
Thermal Engineering Company. (See Bailey, George B., assignor.)
Thermal Engineering Company. (See Bailey, G. B., and Jay, assignors.)
Thermal Engineering Corporation. (See Smith, Horace L., Jr., assignor.)
Thermal Products Corporation et al. (See Olson, O. R., and Ritts, assignors.)
Thermal Research Corporation. (See Conley, Weld E., Jr., assignor.)
Thermo Brakes Corporation. (See Smith, George L., assignor.)
Thermo Mills, Inc. (See Matthews, Elmer C., assignor.)
Thermo-Mix, Inc. (See Brush, Walter H., assignor.)
Thermo-Plastic Bottle Sealing Corporation. (See Mancuso, Philip, assignor.)
Thermo-Plastics, Incorporated. (See Husted, Harry A., assignor.)
Thermo-Plastics, Incorporated. (See Macklin, Justin W., assignor.)
Thermo-Plastics, Inc. (See Reid, James S., assignor.)
Thermoid Company. (See Hall, William H., Jr., assignor.)
Therres, John, Norwalk, Calif. Brake control. 2,166,452; July 18.
Thew Shovel Company. (See Zeilman, Roy H., assignor.)
Thewalt, Julius. (See Schmidt, W., Thewalt, and Rothhaas.)
Thibeault, George A., Hartford, W. Visotski, Wilson, and R. Carlson and I. E. Sweet, Rockville, Conn. Combination furniture. 2,152,002; Mar. 28.
Thibodeau, Christopher G., Everett, Mass. Electric welding tongs. 2,178,292; Oct. 31.

Thiboust, Lucien, Paris, France. Calculating device. 2,179,905; Nov. 14.
Thiebaud, Henri, assignor to firm Gruen Watch Mfg. Co. (A.-G.), Bienne, Switzerland. Watch movement. 2,167,604; July 25.
Thiel, John F., Maple Shade, N. J. Knitting machine cam. 2,180,265; Nov. 14.
Thiele, Ernest W. (See Geddes, R. L., and Thiele.)
Thiele, Ernest W., assignor to Standard Oil Company, Chicago, Ill. Continuous propane dewaxing. 2,167,340; July 25.
Thiele, Helmuth M., Milwaukee, Wis. Inner tube for pneumatic tires. 2,155,105; Apr. 18.
Thiele, Max. (See Greune, H., and Thiele.)
Thielking, Raymond H., Amsterdam, assignor to Schenectady Varnish Company, Schenectady, N. Y. Method of coating. 2,154,057; Apr. 11.
Thielking, Raymond H., Amsterdam, assignor to Schenectady Varnish Company, Schenectady, N. Y. Coated metal wire. 2,174,912; Oct. 3.
Thiem, Carl, Greentown, assignor to Globe American Corporation, Kokomo, Ind. Oven control. 2,158,160; May 16.
Thiemann, William B., Albert City, Iowa. Centrifugal governor. 2,174,309; Sept. 26.
Thieme, Romeo F., Leipzig, Germany. Color motion picture system. 2,163,530; June 20.
Thienel, Max, Waiblingen, Wurttemberg, Germany. Washing implement. 2,174,113; Sept. 26.
Thierer, Albert, assignor to C. Schaeffer, New York, N. Y. Therapeutic method and apparatus. 2,148,661; Feb. 28.
Thies, Carl A. (See MacClatchie, J. W., Johnson, and Thies.)
Thies, Harry A. and M. E., Severna Park, Md. Interchangeable utility bag. 2,170,841; Aug. 29.
Thies, Heinrich P., Stuttgart-Zuffenhausen, Germany. Fermenting milk. 2,162,449; June 13.
Thies, Minna E. (See Thies, Harry A. and M. E.)
Thiess, Erich, et al. (See Wagner, Albert, assignor.)
Thieulin, Maurice C. P., Paris, assignor to Societe Generale des Carburateurs Zenith, Levallois-Perret, France. Carburetor. 2,156,132; Apr. 25.
Thigpen, Thelma T., assignor of forty per cent to J. M. Plummer, Salem, Ill. Device for filling fluid tanks. 2,182,415; Dec. 5.
Thilenius, Rudolf, assignor to Deutsche Gold und Silber Scheideanstalt vormals Roessler, Frankfort-on-the-Main, Germany. Preservation of foodstuffs. 2,150,616; Mar. 14.
Thiokol Corporation. (See Patrick, Joseph C., assignor.)
Thiry, Johannes. (See Fischel, E., and Thiry.)
Thiry, Leon. (See Schroedter, Rolf, assignor.)
Tholl, John F., Needham, assignor to American Tool & Machine Co., Hyde Park, Boston, Mass. Centrifugal separator. 2,176,440; Oct. 17.
Tholstrup, Henry L. (See Nichols, H. J., and Tholstrup.)
Thom, Carl, Wells, Minn. Egg holding means. 2,149,034; Feb. 28.
Thoma, Earl W., et al. (See Sherman, Valentine, assignor.)
Thoma, Erwin, Franfort-on-the-Main-Hochst, and W. Seidenfaden, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs insoluble in water and fiber dyed therewith. 2,163,073; June 20.
Thoma, Erwin, Franfort-on-the-Main-Hochst, and W. Seidenfaden, Offenbach-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs insoluble in water and fiber dyed therewith. 2,163,074; June 20.
Thoma, Hans, Karlsruhe, Germany. Power transmission mechanism. 2,150,950; Mar. 21.
Thoma, Hans, Karlsruhe, Baden, Germany. Power transmission. 2,154,710; Apr. 18.
Thoma, Hans, Karlsruhe, Germany. Hydraulic motor and pump. 2,155,455; Apr. 25.
Thoma, Hans, Karlsruhe-Baden, Germany. Control mechanism for hydraulic transmissions and pumps. 2,161,439; June 6.
Thoma, Hans, Karlsruhe-Baden, Germany. Hydraulic device. 2,183,372; Dec. 12.
Thoma, Hans, Karlsruhe-Baden, and H. Molly, Berlin, Germany. Hydraulic device. 2,177,613; Oct. 24.
Thoma, Matthias. (See Gruber, W., Thoma, and Zoebelein.)
Thomas, Adolph A., New York, N. Y. Brake mechanism for automotive vehicles. 2,169,668; Aug. 15.
Thomas, Adolph A., assignor to United States Rubber Company, New York, N. Y. Pneumatic tire. 2,143,528; Jan. 10.
Thomas, Adolph A., New York, N. Y., assignor to The American Thermos Bottle Company, Norwich, Conn. Double-walled vacuum receptacle. 2,144,820; Jan. 24.
Thomas, Adolph A., New York, N. Y., assignor to Radio Corporation of America. Electronic device. 2,162,234; June 13.
Thomas, Albert G., Lynchburg, Va. Electronic device. 2,143,095; Jan. 10.
Thomas, Albert G., Lynchburg, Va. Viscosity analyzer. 2,160,606; May 30.
Thomas, Albert G., assignor to Sydnor-Thompson Mfg. Company, Inc., Lynchburg, Va. Planting device. 2,165,663; July 11.

Thomas, Albert G., assignor to Sydnor-Thompson Mfg. Company, Inc., Lynchburg, Va. Planting device. 2,165,664; July 11.
Thomas, Albert R. (See Ullstrand, H. M., and Thomas.)
Thomas, Albert R., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,145,063; Jan. 24.
Thomas, Albert R., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,163,815; June 27.
Thomas, Albert R., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,167,697, Aug. 1.
Thomas, Albert R., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,171,815; Sept. 5.
Thomas, Albert R., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,177,503; Oct. 24.
Thomas, Albert R., Evansville, Ind., assignor to Servel Inc., New York, N. Y. Refrigeration. 2,182,934; Dec. 12.
Thomas, Albert R., Evansville, Ind., assignor to Servel Inc., New York, N. Y. Refrigeration. 2,182,997; Dec. 12.
Thomas, Alden P., assignor to The Timken Roller Bearing Company, Canton, Ohio. Governor. 2,153,125; Apr. 4.
Thomas, Alden P., assignor to The Timken Roller Bearing Company, Canton, Ohio. Fuel pump. 2,183,510; Dec. 12.
Thomas, Bertha E., assignor to Thomas Flexible Coupling Company, Warren, Pa. Flexible coupling. 2,182,711; Dec. 5.
Thomas, Bertram D. (See Bird, B. M., Thomas, and Rea.)
Thomas, Bertram D., assignor to Battelle Memorial Institute, Columbus, Ohio. Concentrating materials. 2,156,168; Apr. 25.
Thomas & Betts Co., The. (See Buchanan, Stephen N., assignor.)
Thomas & Betts Co., The. (See Thomas, George C., Jr., assignor.)
Thomas & Betts Co., The. (See Thomas, G. C., Jr., and Badeau, assignors.)
Thomas, Calvin I., Texon, Tex. Counterrotating counterbalance. 2,184,200; Dec. 19.
Thomas, Charles A. (See Marling, P. E., and Thomas.)
Thomas, Charles A., Dayton, Ohio, assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Fractionating apparatus. 2,153,599; Apr. 11.
Thomas, Charles A., Dayton, Ohio, assignor, by mesne assignments, to Monsanto Chemical Company. Phenolic resin. 2,163,637; June 27.
Thomas, Charles A., Dayton, Ohio, assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Fractionating apparatus. 2,167,395; July 25.
Thomas, Charles A., Dayton, Ohio, assignor to The Sharples Solvents Corporation, Philadelphia, Pa. Sulphonic acids of aromatic compounds. 2,180,314; Nov. 14.
Thomas, Charles A., and F. L. Taylor, Dayton, Ohio, assignors to Monsanto Chemical Company, St. Louis, Mo. Processing of hydrocarbon tar-like products. 2,150,641; Mar. 14.
Thomas, Charles C., assignor to Nash-Kelvinator Corporation, Detroit, Mich. Refrigerating apparatus. 2,148,787; Feb. 28.
Thomas, Charles C., assignor, by mesne assignments, to Nash-Kelvinator Corporation, Detroit, Mich. Cabinet and making and assembling the same. 2,180,886; Nov. 21.
Thomas, Charles E., Grass Valley, Calif. Forming machine. 2,151,246; Mar. 21.
Thomas, Christopher D., et al. (See Dennison, Orvie G., assignor.)
Thomas, Edgar B. (See Heineman, C. W., and Thomas.)
Thomas, Edward B. (See Moncrieff, R. W., and Thomas.)
Thomas, Edward B. (See Oxley, H. F., Thomas, and Downing.)
Thomas, Edward T. (See Page, R., and Thomas.)
Thomas, Edward U., Pittsburgh, assignor to The Union Switch & Signal Company, Swissvale, Pa. Approach control apparatus for railway signaling systems. 2,172,893; Sept. 12.
Thomas, Edwin H., Newark, Del., assignor to Bond Manufacturing Corporation, Inc. Method and apparatus for extruding materials. 2,168,889; Aug. 8.
Thomas, Elmer R., Alma, assignor of fifty per cent to X. L. Minnich, Clemscot, and one-half to S. R. Ellis, Duncan, Okla. Surface rod line jack. 2,175,651; Oct. 10.
Thomas, Fannie W., et al. (See Thomas, James R., assignor.)
Thomas, Felix, assignor, by mesne assignments, to International Business Machine Corporation, New York, N. Y. Accounting apparatus. 2,147,067; Feb. 14.
Thomas Flexible Coupling Company. (See Thomas, Bertha E., assignor.)
Thomas, Flossie G., et al. (See York, Marvin D., assignor.)
Thomas, Frederick W. (See Camp, W. M., Burgeni, and Thomas.)
Thomas, George C., Jr., assignor to The Thomas & Betts Co., Elizabeth, N. J. Cable connector. 2,175,097; Oct. 3.
Thomas, George C., Jr., Elizabeth, and C. A. Badeau, Highland Park, assignors to The Thomas & Betts Co., Elizabeth, N. J. Entrance fitting. 2,180,096; Nov. 14.
Thomas, George F., Riverside, and J. Bystricky, Chicago, Ill., assignors to Stewart-Warner Corporation. Lubricating apparatus. 2,151,171; Mar. 21.
Thomas, George F., Riverside, F. A. Ross, Lake Bluff, and J. Bystricky, assignors to Stewart-Warner Corporation, Chicago, Ill. Lubricant receiving fitting. 2,154,116; Apr. 11.
Thomas, George H., Wayne, Mich. Maximum speed indicator. 2,167,092; July 25.
Thomas, George J., Newark, N. J. Tooth rest. 2,156,034; Apr. 25.
Thomas, George J., Birmingham, assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake construction. 2,181,029; Nov. 21.
Thomas, George T., Newark, N. J. Automatic eggshell perforating machine. 2,172,419; Sept. 12.
Thomas, H. Earl, et al. (See Timberlake, Journey F., assignor.)
Thomas, H. Emerson, et al. (See Thomas, James R., assignor.)
Thomas, Harold B., Bloomfield, N. J., assignor to Elastic Stop Nut Corporation. Self-locking nut. 2,150,194; Mar. 14.
Thomas, Harold S., Chatham, Ontario, Canada, assignor to The American Pad & Textile Company, Greenfield, Ohio. Horse-collar pad. 2,151,247; Mar. 21.
Thomas, Harry R., et al. (See Thomas, James R., assignor.)
Thomas, Helen R., et al. (See Thomas, James R., assignor.)
Thomas, Henry F., Tulsa, Okla. Massage apparatus. 2,161,986; June 13.
Thomas, Henry H., Clinton, Iowa. Locomotive cab window. 2,161,108; June 6.
Thomas, Henry J., Gorseinon, Swansea, South Wales. Ashtray. 2,161,109; June 6.
Thomas, Henry P., Schenectady, N. Y., assignor to General Electric Company. High frequency signaling system. 2,143,722; Jan. 10.
Thomas, Howard S., Rochester, N. Y. Scum remover. 2,155,960; Apr. 25.
Thomas, James A., Berkeley, assignor to Esotoo Fumigation Co. Ltd., San Francisco, Calif. Treating vegetables. 2,178,675; Nov. 7.
Thomas, James G., et al. (See Thomas, James R., assignor.)
Thomas, James L., Garrett Park, Md., assignor to the Government of the United States of America, represented by the Secretary of Commerce. Electrical resistance element, alloy, and production thereof. 2,165,316; July 11.
Thomas, James R., assignor of one-eighth to F. W. Thomas, one-eighth to M. T. Matthews, one-eighth to R. T. Koock, one-eighth to H. R. Thomas, Oklahoma City, Okla.; one-eighth to R. W. Thomas, Birmingham, Mich.; one-eighth to J. G. Thomas, Champaign, Ill.; one-eighth to H. E. Thomas, Forest Hills, N. Y.; and one-eighth to H. R. Thomas, Bartlesville, Okla. Game and gameboard apparatus. 2,178,330; Oct. 31.
Thomas, John H. (See Atkinson, F. W., Kleist, Slayter, Thomas, and Lannan.)
Thomas, John H. (See Slayter, G., and Thomas.)
Thomas, John H., Newark, Ohio, assignor to Owens-Illinois Glass Company. Electric glass furnace. 2,181,030; Nov. 21.
Thomas, John H., Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Tire. 2,184,326; Dec. 26.
Thomas, John H., and E. Fletcher, Newark, Ohio, assignors by mesne assignments, to Owens-Corning Fiberglas Corporation. Apparatus for feeding molten glass. 2,165,318; July 11.
Thomas, John O. (See De Eds, F., Eddy, and Thomas.)
Thomas, John V., Altadena, assignor to Natural Gas Equipment Inc., Los Angeles, Calif. Liquid level control system. 2,178,866; Nov. 7.
Thomas, John W., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Packaging mechanism. 2,160,992; June 6.
Thomas, Joseph C., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Battery-servicing unit. 2,173,736; Sept. 19.
Thomas, Joseph F., Slidell, La. Lock. 2,162,984; June 20.
Thomas, Joseph G., Gadsden, Ala. Combined ash receiver and cigarette extinguisher. 2,146,489; Feb. 7.
Thomas, Kurt, Gaggenau/Baden, Germany, assignor, by mesne assignments, to Sir W. G. Armstrong Whitworth & Co. (Engineers) Limited, Newcastle-upon-Tyne, England. Internal combustion engine. 2,148,249; Feb. 21.
Thomas, Laurence H. (See Kuhn, F., and Thomas.)
Thomas, Laurence H., Birmingham, and F. Kuhn, assignors to American Electrical Heater Company, Detroit, Mich. Soldering Iron. 2,159,869; May 23.
Thomas, Leon H., and P. S. Robinson, Los Angeles, Calif.; said Thomas assignor to said Robinson. Plumber's test plug. 2,177,916; Oct. 31.
Thomas, Lloyd R., assignor to The Youngstown Foundry & Machine Company, Youngstown, Ohio. Processing machine. 2,163,504; June 20.
Thomas Machine Manufacturing Company. (Seee Peck, Louis E., assignor.)

Thomas, Max. (See Krefft, H., Larché, and Thomas.)
Thomas, Max, Stassfurt, Germany. Preparing a low-extract beer. 2,146,240; Feb. 7.
Thomas, Max, Stassfurt, Germany. Brewing. 2,146,241; Feb. 7.
Thomas, Norman M., Brooklyn, assignor to Joe Lowe Corporation, New York, N. Y. Apparatus for molding composite frozen confections. 2,147,583; Feb. 14.
Thomas, Norman M., Brooklyn, assignor to Joe Lowe Corporation, New York, N. Y. Apparatus for forming, refrigerating, and harvesting multiflavored ice cream and similar substances. 2,172,182; Sept. 5.
Thomas, Norman M., Brooklyn, assignor to Joe Lowe Corporation, New York, N. Y. Making a fruit concentrate. 2,182,829; Dec. 12.
Thomas, Norman M., Pelham, assignor to Joe Lowe Corporation, New York, N. Y. Apparatus for harvesting frozen confectionery products. 2,172,183; Sept. 5.
Thomas, Norman M., Pelham, assignor to Joe Lowe Corporation, New York, N. Y. Making multiflavored or composite frozen confections. 2,179,225; Nov. 7.
Thomas, Pacific J., assignor to U. S. Textile Machine Co., Scranton, Pa. Stop motion device. 2,169,170; Aug. 8.
Thomas, Percy E., et al. (See Timberlake, Journey F., assignor.)
Thomas, R., & Sons Company. (See Sleeman, Harold P., assignor.)
Thomas, Ralph B., Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Incandescent electric lamp. 2,147,584; Feb. 14.
Thomas, Ralph B., Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Apparatus for filament coiling. 2,163,565; June 20.
Thomas, Ray, Los Angeles, Calif. Lagging clutch pulley structure. 2,144,443; Jan. 17.
Thomas, Ray, Los Angeles, Calif. Lagging clutch. 2,180,217; Nov. 14.
Thomas, Raymond E., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Printer's blanket. 2,165,317; July 11.
Thomas, Raymond E., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dull finish cellulose derivative coating. 2,169,199; Aug. 8.
Thomas, Reual O., et al. (See York, Marvin D., assignor.)
Thomas, Richard, Los Angeles, Calif. Apparatus for multicolor photography. 2,145,437; Jan. 31.
Thomas, Richard, Los Angeles, Calif. Multiple image optical system. 2,152,224; Mar. 28.
Thomas, Robert M. (See Rosen, R., and Thomas.)
Thomas, Robert M., Union, N. J., assignor to Standard Oil Development Company. Rubberlike products and preparation thereof. 2,152,828; Apr. 4.
Thomas, Rosswell W., et al. (See Thomas, James R., assignor.)
Thomas, Rosswell W., Detroit, Mich., assignor to Phillips Petroleum Company. Self-service system for storage and utilization of fuel gases. 2,172,310; Sept. 5.
Thomas, Rosswell W., Birmingham, Mich., assignor to Phillips Petroleum Company. Valved tap plug. 2,172,311; Sept. 5.
Thomas, Samuel B. (See Hund, W. J., Thomas, and Luten.)
Thomas, Samuel B. (See Luten, D. B., Jr., and Thomas.)
Thomas, Samuel E., assignor to Holston Manufacturing Company, Knoxville, Tenn. Yarn changing mechanism for circular knitting machines. 2,161,324; June 6.
Thomas, Stanley R. (See Frauenthal, H., and Thomas.)
Thomas, Talmage D., Dallas, Tex. Magnetic device. 2,145,499; Jan. 31.
Thomas Textile Co., The. (See Swartz, Thomas J., assignor.)
Thomas, Willard C., Canton, Ohio. Card support. 2,147,562; Feb. 14.
Thomas, William. (See Doe, T. B., and Thomas.)
Thomas, William, Glendale, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Method and apparatus for producing swinging dissolve motion pictures. 2,153,901; Apr. 11.
Thomas, William, assignor to The Waterbury Tool Company, Waterbury, Conn. Relief valve for power transmission systems. 2,164,669; July 4.
Thomas, William, assignor to The Waterbury Tool Company, Waterbury, Conn. Power transmission pump or motor. 2,168,658; Aug. 8.
Thomas, William, Glendale, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Power transmission unit. 2,164,670; July 4.
Thomas, William D., Lynnfield, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of soles. 2,144,285; Jan. 17.
Thomas, William D., Lynnfield, Mass, assignor to United Shoe Machinery Corporation, Paterson, N. J. Heel-seat fitting machine. 2,170,842; Aug. 29.
Thomas, William R., Rapid City, S. Dak. Road map. 2,157,033; May 2.
Thomas, William S., Montoursville, Pa. Centrifugal switch. 2,173,543; Sept. 19.
Thomas, William S., Montoursville, assignor of nineteen per cent to J. G. Saricks, 2d, Freeland, nineteen per cent to H. T. Flook, nineteen per cent to S. Flook, nineteen per cent to H. G. Meaker, Mansfield, Pa., and five per cent to C. R. Nielsen, Washington, D. C. Battery terminal connector. 2,156,411; May 2.
Thomas, Willis P., Highland Park, C. L. Howse, Detroit, H. E. Brelsford, Birmingham, and F. Bowers, assignors to Diamond Power Specialty Corporation, Detroit, Mich. Apparatus for determining liquid levels. 2,153,213; Apr. 4.
Thomasen, Alfred W., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Switch box and making same. 2,156,644; May 2.
Thomason, Hjalmar, Los Angeles, Calif. Brake shoe grinder and gauge. 2,145,902; Feb. 7.
Thomason, Jake, and R. Arnett, Litchfield, Nebr. Trailer crane. 2,180,621; Nov. 21.
Thomason, Mavin A., Lake Charles, La. Automatic pressure controlled gate valve. 2,160,766; May 30.
Thomasson, Rose R. (See Dalmas, Amadeus G., assignor.)
Thomen, August A. (See Bellin, Henry D., assignor.)
Thomen, Marion, Baltimore, Ohio. Spark plug. 2,171,014; Aug. 29.
Thomes, Frank E., South Portland, and A. E. Nugent, assignors to Industrial Development and Manufacturing Corporation, Portland, Maine. Air-pressure reducing and regulating device. 2,164,095; June 27.
Thommen, Hans. (See Haller, A., and Thommen.)
Thommes, John A., Chicago, Ill. Power driven rotary tooth brush or the like. 2,183,415; Dec. 12.
Thompson, Albert R. (See Collett, C. H., and Thompson.)
Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Processing apparatus. 2,149,561; Mar. 7.
Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Can handling apparatus. 2,152,107; Mar. 28.
Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Pear preparation machine. 2,154,789; Apr. 18.
Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Can handling apparatus. 2,160,237; May 30.
Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Stack dumper. 2,172,685; Sept. 12.
Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Peeling machine. 2,178,007; Oct. 31.
Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Filling machine. 2,178,884; Nov. 7.
Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Pear preparation machine. 2,179,529; Nov. 14.
Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Gear wheel. 2,179,967; Nov. 14.
Thompson, Albert R., Los Gatos, assignor to Food Machinery Corporation, San Jose, Calif. Juice extraction method. 2,181,218; Nov. 28.
Thompson, Albert T., New Orleans, La. Converter. 2,154,876; Apr. 18.
Thompson, Alfred E., and R. D. Salmon, Croydon, assignors to Creed and Company Limited, Croydon, Surrey, England. Printing telegraph system. 2,182,101; Dec. 5.
Thompson, Allison J., Cleveland, Ohio, assignor to The Thompson Electric Company. Mounting device. 2,164,846; July 4.
Thompson, Alva. (See Miner, C. S., and Thompson.)
Thompson, Andrew C., and R. Stoetzl, Madera, Calif. Loading device. 2,181,795; Nov. 28.
Thompson, Arden A., Taunton, assignor of one-half to L. McElwee, Boston, Mass. Target. 2,160,425; May 30.
Thompson, Arthur E., Chicago, Ill. Take-apart furniture. 2,145,669; Jan. 31.
Thompson, Charles F., Dumbarton, Va. Selector mechanism for electrical roll call or voting apparatus. 2,168,373; Aug. 8.
Thompson, Charles L. (See Hovey, P. W., and Thompson.)
Thompson, Charles S., Elmhurst, assignor to Union Special Machine Company, Chicago, Ill. Strip folder for sewing machines and the like. 2,175,493; Oct. 10.
Thompson, Charles S., Elmhurst, F. A. Kucera, and A. S. Riviere, assignors to Union Special Machine Company, Chicago, Ill. Strip-tensioning means for sewing machines. 2,175,494; Oct. 10.
Thompson, Claude V., et al. (See Underwood, Leeman R., assignor.)
Thompson, Clifford J., Washington, D. C., dedicated to the free use of the People of the United States of America. Eyepiece light filter for photometers. 2,171,260; Aug. 29.
Thompson, David W. (See Bartlett, Harry D., assignor.)
Thompson, E. L., Chair Corporation. (See Brazell, John J., assignor.)
Thompson, Earl A., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Synchronizing clutch mechanism. 2,177,964; Oct. 31.
Thompson, Earl G. (See Hirschkind, W., Pye, and Thompson.)
Thompson, Earl L., Cleveland, Ohio. Mortar board. 2,175,326; Oct. 10.
Thompson, Early G., Anniston, Ala. Exercising device. 2,144,206; Jan. 17.
Thompson Electric Company, The. (See Thompson, Allison J., assignor.)

Thompson, Ellery W., New York, N. Y. Door operating mechanism. 2,155,849; Apr. 25.
Thompson, Elmer O., Beverly, N. J., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Electrical signal apparatus. 2,148,328; Feb. 21.
Thompson, Elmer O., Beverly, N. J., assignor to Philco Radio & Television Corporation, Philadelphia, Pa. Variable resistor. 2,151,625; Mar. 21.
Thompson, Ernest H., assignor to International Register Company, Chicago, Ill. Meter. 2,147,937; Feb. 21.
Thompson, Ernest J. (See Jauch, R. J., Sturm, Hinds, and Thompson.)
Thompson, Foster J., Oak Park, Ill. Casement window fastener. 2,150,851; Mar. 14.
Thompson, Frank, assignor to International Harvester Company of Canada, Limited, Hamilton, Ontario, Canada. Basin-forming device. 2,172,994; Sept. 12.
Thompson, Frank S., assignor to T. C. Thompson & Son, Limited, Manchester, England. Sheet-feeding mechanism for platen printing presses. 2,144,037; Jan. 17.
Thompson, Frederick M., Oakland, Calif. Turn-over apparatus for halved fruit. 2,146,456; Feb. 7.
Thompson, Friar M., Jr., assignor to Hercules Powder Company, Wilmington, Del. Insecticide. 2,160,579; May 30.
Thompson, George L., et al. (See Underwood, Leeman R., assignor.)
Thompson, Gustave R., New York, N. Y. Binder or holder for groups of periodicals and the like, and elements thereof. 2,182,858; Dec. 12.
Thompson, H. Hoyt, et al. (See Streich, Frank, assignor.)
Thompson, Harris A., Schenectady, N. Y., assignor to General Electric Company. Temperature control system. 2,168,178; Aug. 1.
Thompson, Harris A., Schenectady, N. Y., assignor to General Electric Company. Product meter. 2,169,116; Aug. 8.
Thompson, Harry E. (See Wyatt, B. L., and Thompson.)
Thompson, Harry E., Providence, R. I., assignor to Anaconda Wire & Cable Company, New York, N. Y. Impregnated woven sheath. 2,146,275; Feb. 7.
Thompson, Henry A., Yakima, Wash. Teeter board. 2,144,434; Jan. 17.
Thompson, Henry A., assignor of one-half to C. H. McGee, Los Angeles, Calif. Deep well pump. 2,148,516; Feb. 28.
Thompson, Howard A. (See Allen, E. M., and Thompson.)
Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. Re. 21,054; Apr. 18.
Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for shunting of track circuits. 2,156,710; May 2.
Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,162,393; June 13.
Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,171,771; Sept. 5.
Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Approach lighting apparatus for railway signaling systems. 2,172,598; Sept. 12.
Thompson, Howard A., Edgewood, assignor to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for decreasing rail contact resistance. 2,176,616; Oct. 17.
Thompson, Howard A., Edgewood, and R. R. Kemmerer, assignors to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,175,722; Oct. 10.
Thompson, James C., Wytheville, Va. Artificial leg. 2,181,031; Nov. 21.
Thompson, James D., Eureka, Calif. Mounting or carrier for blades or knives for pug mills or other mixing apparatus. 2,160,925; June 6.
Thompson, James D., Eureka, Calif. Choke control. 2,179,141; Nov. 7.
Thompson, James F. (See Fisher, H. C., and Thompson.)
Thompson, James M. (See Horsch, W. F., and Thompson.)
Thompson, James R., Cleveland, Ohio, assignor to The American Steel and Wire Company of New Jersey. Coating for fastenings. 2,181,352; Nov. 28.
Thompson, Jay W., assignor to Thompson Manufacturing Company, Visalia, Calif. Scraper. 2,157,805; May 9.
Thompson, John. (See Plaman, A. J., Thompson, and Hovden.)
Thompson, John B. D. (See Christiansen, J., and Thompson.)
Thompson, John B. D., Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Car construction. 2,154,645; Apr. 18.
Thompson, John B. D., and S. Udstad, Berwick, Pa., assignors to American Car and Foundry Company, New York, N. Y. Light weight car construction. 2,145,064; Jan. 24.
Thompson, John G., assignor to Norton Company, Worcester, Mass. Grinding machine. 2,176,017; Oct. 10.
Thompson, John H., Long Beach, Calif. Wrench. 2,147,938; Feb. 21.
Thompson, John R. (See Thompson, Paul M. and J. R.)
Thompson, Joseph C. (See Williams, B. M., and Thompson.)
Thompson, Joseph F., San Leandro, Calif. Camera. 2,170,583; Aug. 22.
Thompson, Joseph I. (See Bolek, F. J., and Levis, assignors.)
Thompson, Joseph J. (See Hasselhorn, W. C., and Thompson.)
Thompson, Joseph J., assignor to Kellogg Company, Battle Creek, Mich. Condenser. 2,182,183; Dec. 5.
Thompson, Joseph S., assignor to Pacific Electric Manufacturing Corporation, San Francisco, Calif. Disconnecting switch. 2,149,642; Mar. 7.
Thompson, Leland E., Merchantville, N. J., assignor to Radio Corporation of America. Modulated carrier wave receiving system. 2,179,277; Nov. 7.
Thompson, Leslie E. (See Stevens, S. A., and Thompson.)
Thompson, Leslie E. (See Williams, A. E., Thompson, and Cubitt.)
Thompson, Leslie E. (See Williams, A. L., and Thompson.)
Thompson, Lewis M., New York, N. Y. Portable shelter. 2,146,517; Feb. 7.
Thompson, Lloyd O., Los Angeles, Calif. Ventilating lid cover. 2,170,738; Aug. 22.
Thompson, Louis T. E., and N. A. M. Riffolt, Dahlgren, Va. Time recording device. 2,160,006; May 30.
Thompson, Louis W., Schenectady, N. Y., assignor to General Electric Company. Regulating system. 2,184,371; Dec. 26.
Thompson Manufacturing Company. (See Thompson, Jay W., assignor.)
Thompson, Margaret A., executrix. (See Thompson, Warren R.)
Thompson, Norman B. (See Heimbach, C. H., and Thompson.)
Thompson, Norman W., assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Correction device for gyrocompasses. 2,157,360; May 9.
Thompson, Oliver L., West Barrington, R. I. Tooth brush holder. 2,177,504; Oct. 24.
Thompson, Orland. (See Edwards, W. K., and Thompson.)
Thompson, Paul M., Luverne, and J. R. Thompson, Burt, Iowa. Fish spearing and landing device. 2,155,913; Apr. 25.
Thompson, Peter, and H. Hanisch, Peshtigo, Wis., assignors to Unit Structures, Inc. Manufacturing building arches. 2,172,093; Sept. 5.
Thompson, Peter, and H. Hanisch, assignors to Unit Structures, Inc., Peshtigo, Wis. Form jack for manufacturing building arches. 2,177,395; Oct. 24.
Thompson, Peyton M., Lockport, assignor to International Milling Company, Buffalo, N. Y. Reed mounting for sifters. 2,145,409; Jan. 31.
Thompson Products, Inc. (See Colwell, A. T., and Burkhardt, assignors.)
Thompson Products, Incorporated. (See Crawford, Frederick C., assignor.)
Thompson Products, Incorporated. (See Hufferd, George H., assignor.)
Thompson Products Incorporated. (See Hufferd, G. H., and Casse, assignors.)
Thompson Products Incorporated. (See Hufferd, G. H., and Graham, assignors.)
Thompson Products, Incorporated. (See Spire, William H., assignor.)
Thompson Products, Incorporated. (See Venditty, Anthony, assignor.)
Thompson, Ralph E. (See Prince, Robert K., assignor.)
Thompson, Ralph E., Brookline, Mass. Apparatus for treating moldable materials. 2,179,968; Nov. 14.
Thompson, Ralph E., Brookline, and A. A. Martin, Dorchester, Mass. Safety razor. 2,182,649; Dec. 5.
Thompson Reel Co. (See Thompson, Richard B., assignor.)
Thompson, Richard A., Detroit, Mich., assignor to Colonial Broach Company. Broaching machine. 2,165,588; July 11.
Thompson, Richard B., assignor to Thompson Reel Co., San Francisco, Calif. Fishing reel. 2,180,566; Nov. 21.
Thompson, Richard C., Cohasset, assignor to F. E. Berry Jr. & Co., Inc., Boston, Mass. Cellular product and making the same. 2,170,102; Aug. 22.
Thompson, Richard J., Bakersfield, Calif. Aircraft. 2,167,143; July 25.
Thompson, Robert E., Des Moines, Iowa. Golf bag. 2,165,665; July 11.
Thompson, Robert L. (See Dear, G. W., and Thompson.)
Thompson, Robert R. (See Blau, L. W., Thompson, and Mounce.)
Thompson, Russell G., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,142,260; Jan. 3.
Thompson, Russell G., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,155,999; Apr. 25.
Thompson, Russell G., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,156,000; Apr. 25.
Thompson, Russell G., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,156,001; Apr. 25.
Thompson, Russell G., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,160,297; May 30.

Thompson, Russell G., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,163,968; June 27.
Thompson, T. C. & Son, Limited. (See Thompson, Frank S., assignor.)
Thompson, Theodore F., Des Moines, assignor of fifty-one per cent to D. Raridon, Newton, Iowa. Rotary fluid pump. 2,142,385; Jan. 3.
Thompson, Thomas F., Sterling Station, N. Y. Collapsible tube closure. 2,179,906; Nov. 14.
Thompson, Tom H., Detroit, Mich. Leaf spring and liner construction. 2,161,838; June 13.
Thompson, Tom H., assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Vehicle-spring liner. 2,175,230; Oct. 10.
Thompson, Tom H., University Heights, assignor to The Cleveland Graphite Bronze Company, Cleveland, Ohio. Spring liner construction. 2,175,231; Oct. 10.
Thompson, Walter S., Philadelphia, Pa., assignor, by mesne assignments, to Marshall & Isley Bank, Milwaukee, Wis. Apparatus for and method of sealing wrapped packages. 2,171,459; Aug. 29.
Thompson, Warren R., deceased, New York, N. Y.; M. A. Thompson, executrix. Method of and apparatus for the pressure treatment of parts of the human body. 2,168,611; Aug. 8.
Thompson, Wayne B., Winchester, assignor to Spray Engineering Company, Somerville, Mass. Apparatus for lasting shoes. Re. 21,237; Oct. 17.
Thompson, Will E. S., Flagstaff, Ariz. Portable boat. 2,149,903; Mar. 7.
Thompson, William C., Seattle, Wash. Dial adding machine. 2,166,081; July 11.
Thompson, William D., Birmingham, Mich., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Condensation-proof car construction. 2,152,617; Mar. 28.
Thompson, William D., Birmingham, Mich., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Loader anchorage for railway cars. 2,155,695; Apr. 25.
Thompson, William D., Birmingham, Mich., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Insulated roof. 2,164,890; July 4.
Thompson, William D., Birmingham, Mich., assignor, by mesne assignments, to Standard Railway Equiment Manufacturing Company. Car roof. 2,167,396; July 25.
Thompson, William D., and D. W. Hawksworth, Birmingham, Mich., assignors, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Car roof. Re. 21,062; Apr. 25.
Thompson, William D., and D. W. Hawksworth, Birmingham, Mich., assignors, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Car roof. 2,173,402; Sept. 19.
Thompson, William D., Kirkwood, and W. S. Gordon, Jr., North Tonawanda, assignors to Roberts-Gordon Appliance Corporation, Buffalo, N. Y. Fuel igniting device for burners. 2,176,647; Oct. 17.
Thompson, William E., Winnipeg, Manitoba, Canada. Kitchen utensil. 2,180,648; Nov. 21.
Thompson, William G., Clinton, Mass. Container. 2,173,600; Sept. 19.
Thompson, William M., Chicago, Ill. Guard for manual and like digits. 2,143,927; Jan. 17.
Thompson, William N., Philadelphia, Pa., assignor of one-half to J. F. Wolf, Cranford, N. J. Grass and weed cutter. 2,178,503; Oct. 31.
Thompson, William S., Lebanon, Ohio. Fastener for ground work. 2,153,947; Apr. 11.
Thompson, Willis F., Portland, and E. E. Gowell, South Portland, Maine; said Thompson assignor to said Gowell. Bowling game device. 2,145,840; Jan. 31.
Thomsen, Christoph. (See Koch, E., Thomsen, and Dachlauer.)
Thomsen, Elmer R. (See Norre, S. K. J., and Thomsen.)
Thomsen, Hans, Altona-Blankenese, Germany. Support for plants. 2,173,217; Sept. 19.
Thomsen, Hugo, Washington, D. C. Binder. 2,174,144; Sept. 26.
Thomsen, Louis W., Washington, D. C. Two-way communication system. 2,146,362; Feb. 7.
Thomsen, William A. V., Plainfield, N. J., and C. G. Gross, Mount Vernon, assignors, by mesne assignments, to American Machine & Metals, Inc., New York, N. Y. Permanent waving apparatus. 2,149,153; Feb. 28.
Thomson, Alfred J., Detroit, Mich. Hanger swing. 2,177,084; Oct. 24.
Thomson, Bernard, Woldingham, England, assignor to General Motors Corporation, Detroit, Mich. Coupling. 2,150,468; Mar. 14.
Thomson, Edward W. M., Toronto, Ontario, Canada. Typewriter carbon sheet and attachment. 2,142,576; Jan. 3.
Thomson, George J., assignor to Rusta Restor Corporation, Fremont, Ohio. Rust preventer. 2,176,514; Oct. 17.
Thomson, George M., Caledonia, Ontario, Canada. Smoking pipe. 2,175,040; Oct. 3.
Thomson-Gibb Electric Welding Company. (See Seifert, Charles E., assignor.)
Thomson, Judson L., Manufacturing Company. (See Rhodes, Austin D., assignor.)
Thomson, Leroy A., assignor to Bump Paper Fastener Company, La Crosse, Wis. Stapling machine. 2,154,366; Apr. 11.
Thomson, Leroy A., assignor to Bump Pump Company, La Crosse, Wis. Fluid pump. 2,161,729; June 6.
Thomson Machine Company. (See Parsons, Edward T., assignor.)
Thomson, Peter, Wilmington, Del. Support for scaffolds. 2,161,239; June 6.
Thomson, Peter, Wilmington, Del. Support for scaffolds. 2,162,651; June 13.
Thomson, Roy C., Chelsea, London, England. Spreading cotton or the like. 2,143,333; Jan. 10.
Thomson, S. H., Manufacturing Company, The. (See Gravenstine, George E., assignor.)
Thomson, S. H., Manufacturing Company. (See Hummert, Robert H., assignor.)
Thor, Clifford J. B., assignor to The Visking Corporation, Chicago, Ill. Chemical compounds and products produced therefrom. 2,168,374; Aug. 8.
Thor, Clifford J. B., assignor to The Visking Corporation, Chicago, Ill. Chitin xanthate. 2,168,375; Aug. 8.
Thor, Nils G., Clifton, assignor to The Hamersley Manufacturing Company, Garfield, N. J. Dispensing unit for paper sheets. 2,142,808; Jan. 3.
Thordarson Electric Manufacturing Company. (See Berger, Paul, assignor.)
Thoresen, Einar, assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Fluid meter. 2,164,671; July 4.
Thorkelson, Nils H. (See Pierce, H. M., Hermson, and Thorkelson.)
Thorman, Lester K., Woodmere, assignor to Benjamin Wolf Co., Inc., New York, N. Y. Display device. 2,153,976; Apr. 11.
Thorn, Percy M., New Rochelle, N. Y. Closure for receptacles. 2,152,225; Mar. 28.
Thorn, Percy M., New Rochelle, N. Y. Sifter closure. 2,170,955; Aug. 29.
Thornally, Ralph W., Berkeley, Calif. Insulation testing. 2,183,898; Dec. 19.
Thornbery, John H., assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Thermoelectric safety switch and the like. 2,183,827; Dec. 19.
Thorne, Carl B., Hawkesbury, Ontario, Canada. Apparatus for treating wood pulp or the like with chemical reagents. 2,166,200; July 18.
Thorne, Maurice A., Lansing, assignor to General Motors Corporation, Detroit, Mich. Steering linkage. 2,152,506; Mar. 28.
Thorner, Abram, Flushing, and H. J. Perahia, Brooklyn, N. Y. Skirt. 2,149,128; Feb. 28.
Thornhill, Bertie R., and M. E. Rohr, Lynchburg, Va. Handbag. 2,175,327; Oct. 10.
Thornton, Albert A., Teddington, assignor to T. P. Sheehy and S. Emms, Kingston-on-Thames, England. Tubular scaffolding bracket. 2,156,208; Apr. 25.
Thornton, Bertrand P., Lawrence, assignor to General Heating Equipment Company, Kansas City, Mo. Oil burning furnace. 2,165,162; July 4.
Thornton, John, Youngstown, Ohio. Furnace door frame construction. 2,172,995; Sept. 12.
Thornton, Joseph H., Spokane, Wash. Book hanger. 2,149,801; Mar. 7.
Thornton, Joseph H., Spokane, Wash. Gold amalgamator. 2,184,447; Dec. 26.
Thornton, Max H. (See Kraybill, H. R., Brewer, and Thornton.)
Thornton, Ray U., Bedford, Mass. Section or warper beam. 2,148,394; Feb. 21.
Thornton, Samuel E., Coeur d'Alene, Idaho. Lumber ripping saw. 2,160,525; May 30.
Thornton, William H. (See Garrett, G. B., and Thornton.)
Thornton, Word A., Amarillo, Tex. Nitroglycerine combination hook. 2,183,435; Dec. 12.
Thornton-Norris, George, assignor to The Scholl Manufacturing Company Limited, London, England. Chair. 2,163,505; June 20.
Thornycroft, John E., Westminster, England. Launching torpedoes. 2,153,285; Apr. 4.
Thorp, Joel R., assignor to The Fulton Company, West Allis, Wis. Fan. 2,144,860; Jan. 24.
Thorp, Joel R, and H. W. Marsh, assignors to The Fulton Company, West Allis, Wis. Dimmer switch. 2,162,136; June 13.
Thorp, Joel R., and S. Strand, assignors to The Fulton Company, West Allis, Wis. Vehicle coupling. 2,170,980; Aug. 29.
Thorpe, Forest H. (See Leibensperger, C. I., and Thorpe.)
Thorpe, Melvin A. (See Whitmore, F. C., and Thorpe.)
Thorpe, Percy H., assignor to Geographia Limited, London, England. Apparatus for measuring distances and indicating routes on maps or charts. 2,144,746: Jan. 24.
Thorsen, Olav, Brooklyn, N. Y. Convertible dresser. 2,156,825; May 2.
Thorson, Harry L., Schenectady, N. Y., assignor to General Electric Company. Metal radio tube. 2,166,830; July 18.
Thorsson, Matthew T., East Williston Park, Long Island, and A. C. Holt, assignors to International Business Machines Corporation, New York, N. Y. Automatic scale. 2,178,765; Nov. 7.

Thouret, Wolfgang. (See Hagen, W., and Thouret.)
Thouret, Wolfgang. (See Hagen, W., Thouret, and Kern.)
Thrasher, Leo R., San Jon, N. Mex. Deep well motor pump. 2,171,460; Aug. 29.
Threlkeld, J. H., et al. (See Mason, John, assignor.)
Threlkeld, Lewis P. (See Duncan, Herbert L., assignor.)
Threlkeld, M. C., et al. (See Mason, John, assignor.)
Threm, William B., Toledo, Ohio. Fluid charging of foods and beverages. 2,160,043; May 30.
Thrift, Fred, Whitsett, Tex. Core taking apparatus. 2,164,598; July 4.
Thrun, August E., deceased, Detroit, Mich.; H. J. Voigt, administrator. Gear-lapping machine. 2,147,864; Feb. 21.
Thrush, H. A., & Co. (See Thrush, Homer A., assignor.)
Thrush, Homer A., assignor to H. A. Thrush & Co., Peru, Ind. Water heater and making same. 2,180,620; Nov. 21.
Thuillard, Léon, Paris, France. Separator. 2,172,133; Sept. 5.
Thulin, Clarence. (See Cramton, D. K., and Thulin.)
Thulin, Clarence, assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Safety mechanism for continuous casting apparatus. 2,145,438; Jan. 31.
Thulin, Ivar V., Upper Darby, Pa. Knitting accessory. 2,172,074; Sept. 5.
Thum, Martin, Rochester, N. Y. Spring structure for furniture. 2,158,441; May 16.
Thumim, Carl, Lansdowne, Pa., assignor to General Electric Company. Operating mechanism. 2,156,072; Apr. 25.
Thumim, Carl, Lansdowne, Pa., assignor to General Electric Company. Circuit breaker tank lifter. 2,175,041; Oct. 3.
Thunberg, Leander O. (See Zilberman, M. C., Thunberg, and Skinner.)
Thunell, Karl H., S. D. Vigren, and P. H. E. Claesson, Stockholm, Sweden. Signaling system. 2,174,371; Sept. 26.
Thuras, Albert L., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic device. 2,171,733; Sept. 5.
Thurber, Edward J., assignor of one-half to R. K. Rothrock, New Orleans, La. Gear changing device. 2,156,209; Apr. 25.
Thurber, Francis H., Arlington, Va., dedicated to the free use of the People of the United States. Extraction of root starches. 2,149,802; Mar. 7.
Thuringische Zellwolle Aktiengesellschaft, et al. (See Wagner, Albert, assignor.)
Thürlings, Hermann, Viersen, Germany. Sheeting of plastic substances such as sugar confectionery. 2,157,192; May 9.
Thürlings, Hermann, assignor to Hansella Albert Henkel K. G., Viersen, Germany. Machine for molding and embossing sweets. 2,157,467; May 9.
Thürlings, Hermann, Viersen, Germany, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Apparatus for filling soft-center confections and the like. 2,184,405; Dec. 26.
Thurlow, Thomas L., Dayton, Ohio. Averaging device for observation instruments. 2,162,767; June 20.
Thurlow, Thomas L., and S. M. Burka, Dayton, Ohio. Optical system for sextants and the like. 2,173,142; Sept. 19.
Thurman, Benjamin H. (See Clayton, B., Kerrick, Stadt, and Thurman.)
Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Making soap and removing glycerine. 2,142,982; Jan. 3.
Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Making soap and product. 2,142,983; Jan. 3.
Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Evaporating mechanism and process. 2,142,984; Jan. 3.
Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Process of and apparatus for making soap. 2,146,661; Feb. 7.
Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Treating vegetable oils and product obtained thereby. 2,150,732; Mar. 14.
Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Refining glyceride-type oils. 2,150,733; Mar. 14.
Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Forming saponified reaction products. 2,178,532; Oct. 31.
Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Continuous recovery of glycerin from soap. 2,179,001; Nov. 7.
Thurman, Benjamin H., Bronxville, N. Y., assignor to Refining, Inc., Reno, Nev. Obtaining phosphatides from soap stock. 2,182,767; Dec. 5.
Thurmond, Gilbert I. (See Moritz, A. J. L., van Dobbenburgh, Sunderland, and Thurmond.)
Thurner, Michael, Geislingen/Steige, Germany. Device for lifting and lowering heavy office machines in desks. 2,143,218; Jan. 10.
Thurston, Charles A., assignor to J. W. Herlihy, W. W. Herlihy, and J. J. Herlihy, Haverhill, Mass., doing business as Lowell Counter Co., Lowell, Mass. Shaping heel parts of shoe uppers. Re. 21,267; Nov. 14.
Thurston, Charles A., assignor to J. W., W. W., and J. J. Herlihy, Haverhill, Mass., doing business as the Lowell Counter Co. Shaping heel parts of shoe uppers. 2,145,410; Jan. 31.
Thurston, Paul L. (See Miller, J. H., Thurston, and Poole.)
Thurston, Willard H., Los Angeles, Calif. Saw grinding machine. 2,155,809; Apr. 25.
Thwaites, Herman L., Westfield, N. J., assignor to Standard Oil Development Company. Method of and apparatus for testing lubricating oils. 2,174,021; Sept. 26.
Thwaits, Frederick G., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Closure. 2,154,545; Apr. 18.
Thwaits, Frederick G., Wauwatosa, assignor to The Heil Co., Milwaukee, Wis. Vehicular tank. 2,163,387; June 20.
Thyssen, Conrad, assignor to Schumag Schumacher Metallwerke Aktiengesellschaft, Aachen, Germany. Grinding cylindrical workpieces. 2,156,485; May 2.
Tibbetts, Milton, assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle lock. 2,160,629; May 30.
Tibbetts, Raymond W., Camden, Maine, assignor, by mesne assignments, to Stator Corporation. Fluid pumping arrangement. 2,180,441; Nov. 21.
Tibbitts, Gordon C. (See Olsen, F., Tibbitts, and Kerone.)
Tice, Percival S., Chicago, Ill. Fuel supply system for internal combustion engines. 2,157,034; May 2.
Tice, Reuben S., Monterey, Calif. Ore-breaking device. 2,152,108; Mar. 28.
Tickelis, James I., Haverhill, Mass. Shoe cover. 2,177,542; Oct. 24.
Ticket Issuing Machine Company, The. (See Scher, Louis, assignor.)
Tidd, Warren H. (See Green, E. I., and Tidd.)
Tiddy, William. (See Osmer, L. E., and Tiddy.)
Tideman, Carl E., assignor of one-half to V. G. Anderson, Worcester, Mass. Water-cooled wire block. 2,167,397; July 25.
Tideman, Carl E., assignor of one-half to V. G. Anderson, Worcester, Mass. Water-cooled wire block. 2,171,461; Aug. 29.
Tideman, Carl E., assignor of one-half to V. G. Anderson, Worcester, Mass. Wire-drawing machine. 2,175,069; Oct. 3.
Tide Water Associated Oil Company. (See Cook, Elmer W., assignor.)
Tide Water Associated Oil Company. (See Edwards, T. O., Jr., and Stark, assignors.)
Tide Water Associated Oil Company. (See Kaufmann, Arthur G., assignor.)
Tide Water Associated Oil Company. (See McCormick, T. F., and Lazar, assignors.)
Tide Water Associated Oil Company. (See Rembert, Ernest W., assignor.)
Tide Water Associated Oil Company. (See Steffen, Erich M., assignor.)
Tide Water Associated Oil Company. (See Steffen, E. M., and Schott, assignors.)
Tidewater Associated Oil Company, et al. (See Vaughan, William H., assignor.)
Tide Water Associated Oil Company. (See Waugh, Stanley P., assignor.)
Tidswell, Frank, Goulburn, New South Wales, Australia. Weighing machine. 2,153,948; Apr. 11.
Tiedman, Clarence C., assignor to The Wittemann Company, Inc., Buffalo, N. Y. Apparatus for straining liquids. 2,146,692; Feb. 7.
Tiefel, Ray L., Spokane, Wash. Ski binding. 2,144,207; Jan. 17.
Tiegen, Arthur H., assignor to Pratt Food Co., Philadelphia, Pa. Treating water for chicks. 2,148,180; Feb. 21.
Tiemenn, Otto P., et al. (See Hoover, Charles E., assignor.)
Tietz, Hans, Leverkusen-Wiesdorf, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Apparatus and process for producing ice. 2,142,386; Jan. 3.
Tietz, Herbert D., Maplewood, N. J., assignor to The International Nickel Company, Inc., New York, N. Y. Combination kitchen unit. 2,178,411; Oct. 31.
Tiffault, Emory P., Ballston Spa, N. Y. Bottle-cap remover. 2,168,832; Aug. 8.
Tifft, Emerson B., assignor to Draper Corporation, Hopedale, Mass. Spindle. 2,162,321; June 13.
Tiger, Roy L., Boulder, Colo. Reflector element. 2,181,926; Dec. 5.
Tighe, Edward T., et al. (See Fairbank, Franklin N., assignor.)
Tighe, George C., Detroit, Mich., assignor, by mesne assignments, to Rustless Iron and Steel Corporation of America. Fastening device. 2,153,702; Apr. 11.
Tihanyi, Kalman, Budapest, Hungary, assignor to Radio Corporation of America. Television apparatus. 2,158,259; May 16.
Tijmstra, Sijbren, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Extraction process. 2,149,643; Mar. 7.
Tijmstra, Sijbren, Berkeley, assignor to Shell Development Company, San Francisco, Calif. Cracking hydrocarbon oil. 2,160,580; May 30.

Tilden, Bert O., Trenton, N. J. Close connected water closet combination. 2,179,309; Nov. 7.
Tile-Tex Company, The. (See Fawkes, C. E., and Heppes, assignor.)
Till, Glenn W., et al. (See Mohler, James V., assignor.)
Tilley, John N. (See Handforth, S. L., and Tilley.)
Tilling-Stevens Limited. (See Stubings, Alfred J., assignor.)
Tillotson, Neil E., Watertown, Mass. Fluid container and producing. 2,153,441; Apr. 4.
Tilly, James O., assignor of sixty-five and two-tenths per cent to J. Hailey, and two per cent to C. M. Martin, and one per cent to F. R. Moffatt, Tulsa, Okla. Horizontal drilling machine. 2,165,666; July 11.
Tilly, Robert, New York, N. Y. Garment supporter. 2,147,179; Feb. 14.
Tillyer, Edgar D., assignor to American Optical Company, Southbridge, Mass. Ophthalmic lenses, series of said lenses, and making the same. 2,180,887; Nov. 21.
Tilsher, Warner G. (See Ragsdale, E. J. W., and Tilsher.)
Tilson, Irving, Brooklyn, N. Y. Musical closure and holder. 2,175,006; Oct. 3.
Tilton, Charles, Fort Madison, Iowa. License plate holder. 2,157,806; May 9.
Tilton, Joshua A., and R. W. Richardson, Baton Rouge, La., assignors to Standard Oil Development Company. Improving synthetic hydrocarbon oils. 2,161,987; June 13.
Timber Engineering Company. (See Myer, James E., assignor.)
Timber Engineering Company. (See Scales, Walter H., assignor.)
Timberlake, Journey F., Charlottesville, Va. Loom for weaving and electrical control therefor. 2,146,922; Feb. 14.
Timberlake, Journey F., Charlottesville, Va. Conservation and preservation of topsoil. 2,158,952; May 16.
Timberlake, Journey F., Charlottesville, assignor of twelve and one-half percent to R. L. Wright, Richmond, twelve and one-half percent to H. N. Goodwin, one and one-half percent to H. E. Thomas, and one and one-half percent to P. E. Thomas, all of Charlottesville, Va. Shuttle motion for looms. 2,160,111; May 30.
Timberlake, K. Byrne, et al. (See Flautt, Porter H., assignor.)
Timken-Detroit Axle Company, The. (See Alden, Herbert assignor.)
Timken-Detroit Axle Company, The. (See Alden, Herbert W., assignor.)
Timken-Detroit Axle Company. (See Alden, H. W., and Powers, assignors.)
Timken-Detroit Axle Company, The. (See Buckendale, Lawrence R., assignor.)
Timken-Detroit Axle Company, The. (See Dames, Albert C., assignor.)
Timken-Detroit Axle Company, The. (See Powers, Milton A., assignor.)
Timken Roller Bearing Company, The. (See Assel, Walter J., assignor.)
Timken Roller Bearing Company, The. (See Baker, John B., assignor.)
Timken Roller Bearing Company, The. (See Borland, John, assignor.)
Timken Roller Bearing Company, The. (See Brotherton, Clifford A., assignor.)
Timken Roller Bearing Company, The. (See Buckwalter, Tracy V., assignor.)
Timken Roller Bearing Company, The. (See Chievitz, William J., assignor.)
Timken Roller Bearing Company, The. (See Clapper, Harland R., assignor.)
Timken Roller Bearing Company. (See Cox, William P., assignor.)
Timken Roller Bearing Company, The. (See Edwards, Herbert C., assignor.)
Timken Roller Bearing Company, The. (See Edwards, H. C., and Campbell, assignors.)
Timken Roller Bearing Company, The. (See Goldsworthy, Albert H., assignor.)
Timken Roller Bearing Company, The. (See Hare, W. A., Peterson, and Soler, assignors.)
Timken Roller Bearing Company, The. (See Hektner, Joel, assignor.)
Timken Roller Bearing Company, The. (See Horger, Oscar J., assignor.)
Timken Roller Bearing Company, The. (See Klamp, Paul, assignor.)
Timken Roller Bearing Company, The. (See Klamp, P., and Bergstrom, assignors.)
Timken Roller Bearing Company, The. (See Maag, Oscar L., assignor.)
Timken Roller Bearing Company. (See Scribner, William L., assignor.)
Timken Roller Bearing Company, The. (See Slusser, Harry R., assignor.)
Timken Roller Bearing Company, The. (See Stiefel, Ralph C., assignor.)
Timken Roller Bearing Company, The. (See Streby, Raymond D., assignor.)
Timken Roller Bearing Company, The. (See Thomas, Alden P., assignor.)
Timken Roller Bearing Company, The. (See Weckstein, Samson M., assignor.)
Timken Roller Bearing Company, The. (See Wood, Henry H., assignor.)
Timken Roller Bearing Company, The. (See Wooler, E., and Riblet, assignors.)
Timm, Philip, Utica, Minn. Flange clamp for conduits. 2,178,819; Nov. 7.
Timmis, William W., Glen Cove, assignor to American Radiator Company, New York, N. Y. Control for air conditioning apparatus. 2,142,423; Jan. 3.
Timmis, William W., Glen Cove, and W. K. Walker, assignors to American Radiator Company, New York, N. Y. Heat exchange system. 2,156,322; May 2.
Timmons, Charles B., Middletown, Ohio. Adjustable chip deflector. 2,173,772; Sept. 19.
Timmons, Clara M. (See Timmons, George and C. M.)
Timmons, George and C. M., assignors to Rain Topper Corporation, Memphis, Tenn. Covering for a hat. 2,181,106; Nov. 21.
Timmons, John F., Rochester, N. Y. X-ray system. 2,171,134; Aug. 29.
Timpson, Lewis G. M., Plainfield, N. J., assignor to Pyrene-Minimax Corporation. Method and apparatus for producing fire extinguishing foam. 2,146,605; Feb. 7.
Timpson, Lewis G. M., Plainfield, assignor to Pyrene-Minimax Corporation, Newark, N. J. Apparatus for distributing fire-extinguishing foam. 2,183,339; Dec. 12.
Timson, Arthur G., Nahant, assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe and making the same. 2,182,042; Dec. 5.
Timson, William, assignor to W. & T. Avery Limited, Birmingham, England. Mounting for bearings for knife edges. 2,147,995; Feb. 21.
Tindall, Jerome L., and W. M. Patrick, Amarillo, Tex. Crankshaft truing tool. 2,148,329; Feb. 21.
Tingle, Alexander F., Denver, Colo. Paper dispensing machine. 2,152,778; Apr. 4.
Tingle, James G., Miami, Fla. Drive mechanism for tandem wheel vehicles. 2,156,412; May 2.
Tingle, John K., Connersville, Ind. Carpet cleaning machine. 2,157,250; May 9.
Tingle, John K., Connersville, Ind. Carpet-cleaning machine. 2,171,072; Aug. 29.
Tingley, Charles W., Milwaukee, Wis., assignor to J. A. and D. M. Tingley. Building. 2,153,164; Apr. 4.
Tingley, Daniel M., et al. (See Tingley, Charles W., assignor.)
Tingley, Josephine A., et al. (See Tingley, Charles W., assignor.)
Tingley Reliance Rubber Corporation. (See Jackson, Walter C., assignor.)
Tinius Olsen Testing Machine Company. (See Sivertsen, Jens, assignor.)
Tinker, John M. (See Calcott, W. S., Tinker, and Linch.)
Tinker, John M., Penns Grove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Sulphonation of alpha nitro naphthalene. 2,143,963; Jan. 17.
Tinker, John M., Penns Grove, and A. L. Fox, Woodstown, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Reaction of liquid n-alkanes with sulphur dioxide and chlorine and products thereof. 2,174,507; Sept. 26.
Tinker, Ralph, Fountain City, Wis. Power steering mechanism. 2,150,011; Mar. 7.
Tinker, Ralph, Fountain City, Wis. Power transmission. 2,164,758; July 4.
Tinker, Ralph, Fountain City, Wis. Power steering mechanism. 2,182,102; Dec. 5.
Tinnerman, Albert H. (See Lombard, Herman G., assignor.)
Tinnerman, Albert H. (See Tinnerman, George A., assignor.)
Tinnerman, Albert H., Cleveland, Ohio. Tool. 2,177,231; Oct. 24.
Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Making fastening means. 2,150,852; Mar. 14.
Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Spring catch. 2,151,284; Mar. 21.
Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Attaching handles, knobs, and the like. 2,155,810; Apr. 25.
Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Fastening device. 2,156,002; Apr. 25.
Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Fastening device. 2,156,003; Apr. 25.
Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Handle, knob, or like construction. 2,157,251; May 6.
Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Door dovetail construction. 2,157,641; May 9.
Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Fastening device. 2,159,573; May 23.
Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Fastener. 2,162,652; June 13.
Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Bolt fastening device and the like. 2,168,721; Aug. 8.

Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Joint or connection. 2,170,739; Aug. 22.
Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Fastening device. 2,172,302; Sept. 5.
Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Fastener. 2,173,544; Sept. 19.
Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Tool. 2,177,232; Oct. 24.
Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Shelf supporting stud, knob or the like. 2,179,603; Nov. 14.
Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Columbus, Ohio. Shelf supporting stud or the like. 2,179,604; Nov. 14.
Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Fastening device. 2,180,266; Nov. 14.
Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Fastening device. 2,181,631; Nov. 28.
Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Fastening device. 2,184,783; Dec. 26.
Tinnerman, George A., Rocky River, assignor to A. H. Tinnerman, Cleveland, Ohio. Spring catch release. 2,185,161; Dec. 26.
Tinsley, Dorsey H., Avenal, Calif. Weighing device. 2,145,903; Feb. 7.
Tinsley, John S., New Brunswick, N. J., assignor to Hercules Powder Company, Wilmington, Del. Transparent netting. 2,150,301; Mar. 14.
Tintner, Fritz, Vienna, Austria. Transport apparatus for stretchers and the like. 2,161,541; June 6.
Tipcke, John J., Lake City, Minn. Ground pulverizer. 2,167,595; July 25.
Tipsord, Melvin T. (See De Right, E. J., and Tipsord.)
Tipton, William D., Stoneleigh, Md. Sleeve valve engine. 2,158,442; May 16.
Tirrell, Leslie L., Benton Harbor, Mich., assignor to The Hydroblast Corporation, Chicago, Ill. Sand blast device. 2,176,577; Oct. 17.
Tirrell, Philip F., Phillipsburg, N. J. Loom. 2,149,692; Mar. 7.
Tirrell, Philip F., Phillipsburg, N. J. Loom. 2,149,693; Mar. 7.
Tischer, Anna M., executrix. (See Tischer, Frank V.)
Tischer, Anna M. (See Tischer, Frank V., assignor.)
Tischer, Arthur O. (See Hickman, K. C. D., and Tischer.)
Tischer, Frank V., deceased, Dayton, Ohio; A. M. Tischer, executrix, assignor to A. M. Tischer. Covered roller. 2,152,612; Mar. 28.
Tischer, Frank V., Dayton, Ohio, deceased; A. M. Tischer, executrix, assignor to A. M. Tischer. Treating veneers. 2,177,160; Oct. 24.
Tischner, Horst, Berlin–Steglitz, J. Flurl, Berlin-Karlshorst, and H. Wessels, Berlin-Oberschoneweide, assignors to Allgemeine Elektricitat Gesellschaft, Berlin, Germany. Distortion-free amplifier circuit. 2,165,769; July 11.
Tishken, Paul, Detroit, Mich. Brake for machine tools. 2,147,939; Feb. 21.
Tishken, Paul, Detroit, Mich. Cut-off machine. 2,156,323; May 2.
Tisza, Edmond T. (See Edelman, M. D., and Tisza.)
Tisza, Edmond T., Yonkers, assignor to Rare Chemicals, Inc., Nepera Park, N. Y. Anesthetic ointment. 2,142,537; Jan. 3.
Tisza, Ernest E., Englewood, and J. Tyrner, Elizabeth, N. J., assignors to Air Reduction Company, Incorporated, New York, N. Y. Direct-current generator for arc welding. 2,163,417; June 20.
Tisza, Ernest E., and J. Tyrner, Englewood, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Direct-current arc welding generator. 2,163,418; June 20.
Tisza, Ernest E., Englewood, and J. Tyrner, Elizabeth, N. J., assignors to Air Reduction Company, Incorporated, New York, N. Y. Direct-current arc-welding generator. 2,180,700; Nov. 21.
Titan Company Inc. (See Ancrum, R. W., and Oppegaard, assignors.)
Titanium Alloy Manufacturing Company, The. (See Comstock, George F., assignor.)
Titanium Alloy Manufacturing Company, The. (See Comstock, G. F., and Efimoff, assignors.)
Titanium Alloy Manufacturing Company, The. (See Kinzie, Charles J., assignor.)
Titanium Alloy Manufacturing Company, The. (See Kinzie, C. J., and Hake, assignors.)
Titanium Steel Alloy Company. (See Crist, Donald M., assignor.)
Titchen, Clifford, Livingston, and W. Boehl, Union, N. J., assignors to American Can Company, New York, N. Y. Container-sealing machine. 2,162,768; June 20.
Titeflex Metal Hose Co. (See Peters, M. F., and Stone, assignors.)
Titeflex Metal Hose Co. (See Stone, R. Harry, assignor.)
Titeflex Metal Hose Co. (See Stone, R. H., and Peters, assignors.)
Title Guarantee and Trust Company. (See Townsend, Harry E.)
Titone, Joseph. (See Mendel, W., and Titone, assignors.)
Titus, Harry W., Uniontown, Pa. Door holder or latch. 2,161,542; June 6.
Titus, Thomas L., Denver, Colo., assignor to The Wyott Manufacturing Company, Cheyenne, Wyo. Liquid dispensing valve. 2,156,518; May 2.
Titus, Thomas L., Denver, Colo., assignor to The Wyott Manufacturing Company, Cheyenne, Wyo. Liquid dispensing apparatus. 2,169,454; Aug. 15.
Tizio, Vincent J., Brooklyn, N. Y. Guide holder for writing implements. 2,184,130; Dec. 19.
Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Swinging half-axle suspension. 2,145,670; Jan. 31.
Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Shock absorber. 2,145,671; Jan. 31.
Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Rear wheel suspension and engine mounting. 2,164,096; June 27.
Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Automobile body. 2,164,097; June 27.
Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Automobile body. 2,164,098; June 27.
Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Front wheel suspension. 2,166,774; July 18.
Tjaarda, John, Birmingham, assignor to Briggs Manufacturing Company, Detroit, Mich. Cylinder head and making the same. 2,167,093; July 25.
Toastolator Company. (See Goddard, Alvin C., assignor.)
Tobey, Sam E., Kalamazoo, Mich. Automatic flow cap. 2,168,179; Aug. 1.
Tobey, Walter H., Overbrook Hills, assignor to Main Belting Company, Philadelphia, Pa. Producing belting. 2,174,022; Sept. 26.
Tobias, Fred J., Allentown, Pa., assignor, by mesne assignments, to Filatex Corporation, New York, N. Y. Process and apparatus for producing filaments. 2,169,303; Aug. 15.
Tobias, Werner, Berlin-Sudende, assignor to Olympia Büromaschinenwerke Aktiengesellschaft Erfurt, Germany. Calculating mechanism. 2,148,594; Feb. 28.
Tobin, James, assignor to K. Tobin, Youngstown, Ohio. Motor vehicle muffler. 2,162,683; June 13.
Tobin, Katherine. (See Tobin, James, assignor.)
Tobin, Kenneth J., Chicago, Ill., assignor to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. 2,177,338; Oct. 24.
Tobin, Kenneth J., and T. Madland, Chicago, Ill., assignors, by mesne assignments, to The Youngstown Steel Door Company, Cleveland, Ohio. Car door. Re. 21,238; Oct. 17.
Tobis, Carlos. (See Nowak. P., Tobis, and Hofmeier.)
Tobis, Carlos, Berlin-Oberschoneweide, Germany, assignor to General Electric Company. Liquid coating composition. 2,167,537; July 25.
Tobis Tonbild Syndikat Aktiengesellschaft. (See Brinck, M., and Grönebaum, assignors.)
Tobler, Hans. (See Pudelko, R., and Tobler.)
Tobler, John H., assignor to Scovill Manufacturing Company, Waterbury, Conn. Nasal inhaler. 2,159,111; May 23.
Tobler, Richard. (See Kern, W., and Tobler.)
Toce, Charles A. (See Woodruff, W. N., Toce, and Herschede.)
Tockerman, Louis. (See Rosenfeld, Simon, assignor.)
Todd, Charles L. A., Longview, Tex. Taking oil from wells. 2,184,784; Dec. 26.
Todd, Claude O., Washington, D. C. Lawn mower. 2,150,085; Mar. 7.
Todd Combustion Equipment, Inc. (See Haynes, G. P., and Letvin, assignors.)
Todd Combustion Equipment, Inc. (See McDonald, James, assignor.)
Todd Company, The. (See Payne, Walter B., assignor.)
Todd, Edwin T., assignor to American Seating Company, Grand Rapids, Mich. Seat structure. 2,142,662; Jan. 3.
Todd, Eric E. (See Keep, G. A., and Todd.)
Todd, Everett W. (See Woodruff, M. H., and Todd.)
Todd, Francis B., Attala, Ala. Garment Hanger machine. 2,152,109; Mar. 28.
Todd, Garry W., Charlotte, N. C. Tractor hitch. 2,159,460; May 23.
Todd, Guerin. (See Yerger, C. W., and Todd.)
Todd, Guerin, Shrewsbury, assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Electroprocessing machine. 2,175,788; Oct. 10.
Todd, Guerin, Shrewsbury, assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Electroprocessing machine. 2,182,184; Dec. 5.
Todd, Guerin, Shrewsbury, and O. Knight, Westfield, assignors to Hanson-Van Winkle-Munning Company, Matawan, N. J. Air conditioned buffing and polishing system. 2,182,952; Dec. 12.
Todd, Hobart H., Chicago, Ill. Beater. 2,184,132; Dec. 19.
Todd, Michael, assignor to Yermie Stern Commercial Attraction, New York, N. Y. Display, advertising, and propaganda device. 2,146,386; Feb. 7.

Todd, R. C., et al. (See Fulmer, F. P., and Hollingsworth, assignors.)
Todd, Russell W., Bronxville, N. Y. Automatic change speed mechanism. 2,181,287; Nov. 28.
Todd, Van Winkle, assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Transfer mechanism. 2,143,116; Jan. 10.
Todd, Van Winkle, assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Conveyer. 2,143,117; Jan. 10.
Todd, Van Winkle, assignor to Hanson-Van Winkle-Munning Company, Matawan, N. J. Side arm construction. 2,143,118; Jan. 10.
Todé, William F. (See Reynolds, A. T., and Todé.)
Todoroff, Michael, Johnstown, Pa. Cigarette. 2,178,820; Nov. 7.
Toennies, Jan F., New York, N. Y. Amplifier. 2,147,940; Feb. 21.
Toenniessen, Ernst, Munich, Germany. Drawing frame for textile fibers. 2,180,325; Nov. 14.
Toensfeldt, Kurt, Port Washington, and B. J. Cross, Grand View, assignors to Combustion Engineering Company, Inc., New York, N. Y. Boiler. 2,177,917; Oct. 31.
Toepfer, Adolph H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Exciting electrode. 2,175,858; Oct. 10.
Toepfer, Adolph H., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Vapor electric device. 2,179,310; Nov. 7.
Toepper, Henry C., Des Plaines, Ill. Artificial fish bait. 2,167,163; July 25.
Toerpe, Edward R. (See Rubens, H. A., and Toerpe.)
Toiberg, Carl C., and B. A. Koerner, Glendale, Calif., assignors of one-fifth to R. A. Toiberg, one-fifth to L. I. Koerner, and one-fifth to J. Babb. Noncorrosive electrical connector. 2,168,250; Aug. 1.
Toiberg, Rose A., et al. (See Toiberg, C. C., and Koerner, assignors.)
Tokheim, John J., Cedar Rapids, Iowa. Automobile drain float. 2,148,330; Feb. 21.
Tokheim, John J., Cedar Rapids, Iowa. Safety device for volatile liquid storage tanks. 2,152,422; Mar. 28.
Tokyo Shibaura Denki Kabushiki Kaisha. (See Maekawa, Koichiro, assignor.)
Toledo Automatic Brush Machine Company, The. (See Jobst, Conrad, assignor.)
Toledo Porcelain Enamel Products Company, The. (See Meeker, Daniel M., assignor.)
Toledo Scale Manufacturing Company. (See Colenback, Lloyd J., assignor.)
Toledo Scale Manufacturing Company. (See Coulter, Marion D., assignor.)
Toledo Scale Manufacturing Company. (See Hurt, Samuel N., assignor.)
Toledo Scale Manufacturing Company. (See Marshall, Charles O., assignor.)
Toledo Scale Manufacturing Company. (See Marshall, C. O., and Williams, assignors.)
Toledo Scale Manufacturing Company. (See Mashbir, S. F., and Weckerly, assignors.)
Toledo Scale Manufacturing Company. (See Williams, Lawrence S., assignor.)
Toledo Stamping and Manufacturing Company. (See Leake, James M., assignor.)
Toler, Homer P., Wichita, Kans. Blower. 2,143,335; Jan. 10.
Toll, Carl J., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Annealing. 2,144,904; Jan. 24.
Toll, Carl J., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Annealing apparatus. 2,174,642; Oct. 3.
Tollefsen, Reidar A. (See Klein, M., and Tollefsen.)
Tollefson, Adolph I., Benson, Minn. Wheel support. 2,164,554; July 4.
Tollefson, Eleanora, administratrix. (See Tollefson, Orlo A.)
Tollefson, Orla A., deceased, Columbia County, by E. Tollefson, administratrix, Antigo, Wis. Battery attachment. 2,162,322; June 13.
Tollison, Paul L., North Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web-splicing method. 2,160,526; May 30.
Tolliver, Garvie L., Wyco, W. Va. Reel. 2,178,192; Oct. 31.
Tolman, Lucius M., and L. E. Dimond, Chicago, Ill., assignors to Wilson & Company. Removing fat from animal casings. 2,171,611; Sept. 5.
Tolman, Lucius M., and L. E. Dimond, Chicago, Ill., assignors to Wilson & Co. Apparatus for removing fat from animal casings. 2,171,612; Sept. 5.
Tolman, Samuel L., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Method and apparatus for cleaning sewage. 2,149,751; Mar. 7.
Tolson, William A., Westmont, N. J., assignor to Radio Corporation of America. Electrical control apparatus. 2,165,770; July 11.
Tolson, William A., Westmont, N. J., assignor to Radio Corporation of America. Cathode ray tube deflecting device. 2,167,379; July 25.
Tolson, William A., Westmont, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Cathode-ray tube deflecting circuit. 2,173,239; Sept. 19.
Tolson, William A., Westmont, N. J., assignor to Radio Corporation of America. Television apparatus. 2,178,766; Nov. 7.
Tolson, William A., Westmont, N. J., assignor to Radio Corporation of America. Deflecting circuits. 2,183,340; Dec. 12.
Tolson, William A., Westmont, N. J., and I. G. Maloff, Philadelphia, Pa., assignors to Radio Corporation of America. Deflecting coil for cathode ray tubes. 2,155,514; Apr. 25.
Tolsted, George N., Hales Corners, Wis. Hay unloader. 2,158,917; May 16.
Tolstoouhov, Alexander V. (See Hopkinson, R., and Tolstoouhov.)
Tomalis, Anthony J., Pittston, Pa. Blasting device. 2,163,475; June 20.
Tomalis, Joseph J., assignor to American Screw Company, Providence, R. I. Apparatus for making screw blanks. 2,165,424; July 11.
Tomalis, Joseph J., assignor to American Screw Company, Providence, R. I. Making recessed head screws. 2,165,425; July 11.
Tomasetta, Giuseppe, Bronx, N. Y. Parachute opening means. 2,151,815; Mar. 28.
Tomik, George A. (See Baker, D. B., Bechman, and Tomik.)
Tomkins, Harold A., Jackson City Bank and Trust Company, executors of said Harold A. Tomkins, deceased, assignors to Tomkins-Johnson Company, Jackson, Mich. Riveting machine and the like. 2,163,440; June 20.
Tomkins-Johnson Company, The. (See Hoyt, Robert O., assignor.)
Tomkins-Johnson Company, The. (See Taylor, E. D., Ward, and Weisel, assignors.)
Tomkins-Johnson Company. (See Tomkins, Harold A., assignor.)
Tomlinson, George H., Westmount, Quebec, Canada, and L. S. Wilcoxson, Ridgewood; said Wilcoxson assignor to The Babcock & Wilcox Company, Newark, N. J. Method of and apparatus for burning waste liquor. 2,161,110; June 6.
Tomlinson, George H., Westmount, Quebec, Canada, and L. S. Wilcoxson, Ridgewood; said Wilcoxson assignor of his right to The Babcock & Wilcox Company, Newark, N. J. Method of and apparatus for treating pulp residual liquor. 2,179,456; Nov. 7.
Tomme, William H., Donna, Tex. Attachment for crates. 2,183,176; Dec. 12.
Tompkins Bros. Co. (See Ingalls, Willis A., assignor.)
Tompkins Bros. Co. (See Logan, George L., assignor.)
Tompkins, Emerson H., assignor to Scovill Manufacturing Company, Waterbury, Conn. Pronged clinching finger hose coupling. 2,142,768; Jan. 3.
Tompkins, Emerson H., assignor to Scovill Manufacturing Company, Waterbury, Conn. Distorted sleeve coupling. 2,181,673; Nov. 28.
Tomsic, Guy, Oceanside, N. Y. Hydraulic saddle. 2,148,788; Feb. 28.
Tondeur, Rene, London, England. Mechanism generally known as Bowden mechanism. 2,180,442; Nov. 21.
Tondeur, Rene, assignor to Bowden (Engineers) Limited, London, England. Securing attachment to wire cables. 2,171,280; Aug. 29.
Tondreau, Albert W. (See Mohr, H. L., and Tondreau.)
Tondreau, Albert W., Hollywood, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Film treating apparatus. 2,142,538; Jan. 3.
Tondreau, Albert W., Hollywood, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Pressure pad. 2,153,214; Apr. 4.
Tondreau, Albert W., Hollywood, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Apparatus for making animated cartoons. 2,153,902; Apr. 11.
Tondreau, Albert W., Glendale, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Camera dolly. 2,145,033; Jan. 24.
Tondreau, Albert W., Glendale, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Color photography. 2,147,068; Feb. 14.
Tondreau, Albert W., Glendale, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Continuous film-treating apparatus. 2,169,061; Aug. 8.
Tondreau, Albert W., Glendale, Calif., assignor to Warner Bros. Pictures, Inc., New York, N. Y. Film treating apparatus. 2,182,886; Dec. 12.
Tone, Frank J., assignor, by mesne assignments, to The Carborundum Company, Niagara Falls, N. Y. Abrasive wheel and its manufacture. 2,143,636; Jan. 10.
Tone, Frank J., assignor to The Carborundum Company, Niagara Falls, N. Y. Abrasive article and manufacturing the same. 2,152,392; Mar. 28.
Toner, John A., London, England. Toe protector. 2,183,701; Dec. 19.
Toner, John H. (See Chamberlin, C. P., and Toner.)
Toney, Edward F., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Double window construction. 2,174,279; Sept. 26.
Tong, Edmund, et al. (See Quintal, Manuel, assignor.)
Tönnies, Hans F., Hamburg-Grossflottbek, Germany. Exposure apparatus for cameras. Re. 21,140; July 11.
Tönnies, Hans F., Hamburg-Grossflottbek, Germany. Exposure meter. 2,147,999; Feb. 21.

Tonning, Andrew, Buffalo, N. Y. Barber chair headrest. 2,154,017; Apr. 11.
Ton-Tex Corporation. (See Alexander, Albert N., assignor.)
Tood Company, The. (See Payne, Walter B., assignor.)
Toohey, Edward A., Somerville, and G. J. Campbell, East Orange, N. J., assignors to Johns-Manville Corporation, New York, N. Y. Vibration-damping element and making the same. 2,173,797; Sept. 19.
Toohy, Helen S., Detroit, Mich. Sanitary seat cover. 2,156,035; Apr. 25.
Tooker, John N., assignor, by mesne assignments, to Arkell & Smiths, Canajoharie, N. Y. Valve bag. 2,177,122; Oct. 24.
Tool & Engineering Co., Pty. Ltd., The. (See Jamieson, Joseph, assignor.)
Toolan, John J., Chicago, Ill., assignor, by mesne assignments, to Maryland Paper Products Company, Baltimore, Md. Straw packaging machine. 2,146,490; Feb. 7.
Toolan, William T., Los Angeles, Calif. Fishing reel seat. 2,143,289; Jan. 10.
Toole, Harry S., Staunton, and I. V. Hitt, Waynesboro, Va., assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for the production of artificial thread. 2,150,951; Mar. 21.
Toomey, John F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Telephone system. 2,173,924; Sept. 26.
Tootal Broadhurst Lee Company Limited. (See Corteen, H., Foulds, and Wood, assignors.)
Topalov, Michael I., Detroit, Mich. Direct current transformer. 2,164,964; July 4.
Töpfer, Herbert, Berlin-Siemensstadt, assignor to Siemens & Halske Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Telephone system. 2,142,663; Jan. 3.
Töpfer, Herbert, and H. J. Lurk, Berlin-Siemensstadt, assignors to Siemens-Halske Aktiengesellschaft of Wernerwerk, Siemensstadt, near Berlin, Germany. Automatic telephone system. 2,153,319; Apr. 4.
Topham, Charles F. (See Ellis, G. H., and Topham.)
Topham, Charles F., deceased, Coventry, by Lloyds Bank Limited, executor, assignor to Courtaulds, Limited, London, England. Manufacture and production of staple fiber. 2,149,197; Feb. 28.
Toporeck, Edward R., South Weymouth, assignor to Photoswitch Incorporated, Cambridge, Mass. Photoelectric relay. 2,154,480; Apr. 18.
Töpper, Ernst, Berlin-Neukolln, Germany, assignor of one-half to W. H. Martin, London, England. Diving suit valve. 2,152,110; Mar. 28.
Töpper, Ernst, Berlin-Neukolln, Germany, assignor of one-half to W. H. Martin, London, England. Air feed for diving suits. 2,152,111; Mar. 28.
Torben Company. (See Heftler, Maurice B., assignor.)
Torbet, Ernest M., Florence, assignor to Propper-McCallum Hosiery Co., Inc., Northampton, Mass. Thread cleaner. 2,178,442; Oct. 31.
Torburn, Gustav P., Oakland, assignor of one-half to L. E. Cartmill, Palo Alto, Calif. Collapsibe ice bunker. 2,160,993; June 6.
Torell, Harold E. (See Scusa, Lino, assignor.)
Torem, Alfred C. (See Wark, S. A., and Torem.)
Torgler, Edward R., assignor, by mesne assignments, to Dresser Manufacturing Company, Bradford, Pa. Clamp for bell and spigot joints. 2,171,997; Sept. 5.
Torines, Torine C., Stockholm, Sweden. Sewing machine table. 2,171,318; Aug. 29.
Torkelson, Torkel E., Baldwin, assignor to International Business Machines Corporation, New York, N. Y. Percentage counter. 2,153,215; Apr. 4.
Torkelson, Torkel E., Baldwin, assignor to International Business Machines Corporation, New York, N. Y. Printing mechanism. 2,157,035; May 2.
Torkelson, Torkel E., Baldwin, assignor to International Business Machines Corporation, New York, N. Y. Record book and scoring device. 2,157,036; May 2.
Torkelson, Torkel E., Baldwin, assignor to International Business Machines Corporation, New York, N. Y. Card sensing device. 2,161,598; June 6.
Torma, Stefan, Budapest, Hungary. Automatic central buffer coupling for railway cars. 2,153,107; Apr. 4.
Tornberg, Isidor, Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Printing press. 2,148,089; Feb. 21.
Tornberg, Isidor, Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Printing press. 2,160,527; May 30.
Tornberg, Isidor, Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Blanket winding for a printing cylinder. 2,164,480; July 4.
Tornberg, Isidor, Plainfield, N. J., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Rotary printing press. 2,180,782; Nov. 21.
Tornberg, Torsten H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Oscillating fan. 2,152,112; Mar. 28.
Tornberg, Torsten H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Oscillating fan. 2,183,979; Dec. 19.
Tornblom, Nils A., Chicago, Ill., assignor to Appleton Electric Company. Switch device for spotlights. 2,147,953; Feb. 21.
Tornblom, Nils A., Chicago, Ill., assignor to Appleton Electric Company. Separable connector. 2,167,223; July 25.
Tornblom, Nils A., Chicago, Ill., assignor to Appleton Electric Company. Device for connecting cable to a box. 2,170,393; Aug. 22.
Torngren, Edel, Grand Rapids, Mich. Walking doll construction. 2,171,281; Aug. 29.
Tornquist, Earl L., Elmhurst, Ill. Control system for heating. 2,184,982; Dec. 26.
Tornquist, Earl L., Elmhurst, Ill. Gas burner control system. 2,184,983; Dec. 26.
Toro, John D., and M. Forschein, Brooklyn, N. Y. Floor polishing and sanding device. 2,156,824; May 2.
Toro Manufacturing Corporation of Minnesota. (See Moyer, Amos F., assignor.)
Torp, Charles A. (See Betzold, M. F., Rascher, and Torp.)
Torrance, John R. (See Carruthers, C., and Torrance.)
Torrence, Walter S., New York, N. Y. Fishhook snelling machine. 2,145,439; Jan. 31.
Torres, Joseph, Brooklyn, N. Y. Method and apparatus for differentially waving hair. 2,152,714; Apr. 4.
Torres, Pastor R., Mandaluyong, Rizal, P. I. Gearing for bicycles. 2,169,171; Aug. 8.
Torri, Joseph A., Kankakee, Ill., assignor to J. W. Mortell Company. Sound-deadening adhesive. 2,175,767; Oct. 10.
Torriani, Luigi, assignor to Societa Italina Sfruttamento Brevetti Elettromeccanici, Milan, Italy. Double ignition system for internal combustion engines. 2,150,996; Mar. 21.
Torricelli, Decio, Springfield, Mass. Casket container. 2,162,137; June 13.
Torrington Manufacturing Company, The. (See Bergevin, C. R., and Halvorsen, assignors.)
Torrington Mfg. Co., The. (See Patterson, Philip M., assignor.)
Torrison, Edward L., San Francisco, Calif. Vibratory pressure device. 2,174,452; Sept. 26.
Torsion Grip Manufacturing So. (See Clement, Frank M., assignor.)
Torstensson, Sture F. (See Blomqvist, G. M., and Torstensson.)
Torvik Gustav A., Bagley, Minn. Store-goods lifter. 2,170,357; Aug. 22.
Tos, Rodolfo, New York, N. Y. Collar straightening strip. 2,165,990; July 11.
Tost, Charles R., Cranston, assignor to The Hadley Company, Inc., Providence, R. I. Clasp. 2,153,818; Apr. 11.
Tosterud, Martin, Arnold, Pa., assignor, by mesne assignments, to Magnesium Development Corporation. Surface treatment of magnesium and magnesium base alloys. 2,178,977; Nov. 7.
Toth, Emerick, Flushing, N. Y., and W. H. Cooper, Passaic, N. J., assignors to Pilot Radio Corporation, Long Island City, N. Y. Variable selectivity means. 2,145,561; Jan. 31.
Toth, Geiza B. K., Hopatcong, N. J., assignor to Cohn & Rosenberger, Inc., New York, N. Y. Article of jewelry. 2,155,066; Apr. 18.
Toth, Louis. (See Peremi, E., and Toth.)
Toth, Stephen, New Brunswick, N. J. Safety indicator connection attachment for tool machines. 2,175,930; Oct. 10.
Toth, Stephen, Olyphant, Pa. Sanitary towel holding device. 2,177,047; Oct. 24.
Touborg, Jens. (See Gibson, C. J., and Touborg.)
Touborg, Jens, Tecumseh, assignor to Gibson Electric Refrigerator Corporation, Greenville, Mich. Motor compressor unit. 2,146,097; Feb. 7.
Touceda, Enrique G., assignor to Consolidated Car-Heating Company, Inc., Albany, N. Y. Internal combustion engine valve. 2,150,255; Mar. 14.
Toulon, Pierre M. G., Paris, France. Short wave broadcast system. 2,175,367; Oct. 10.
Toulon, Pierre M. G., Puteaux, France. Television receiving apparatus. 2,179,205; Nov. 7.
Toulon, Pierre M. G., Puteaux, France, assignor to Radio Corporation of America. Television receiving set. 2,165,078; July 4.
Toulon, Pierre M. G., Puteaux, France, assignor to Hazeltine Corporation. Electron tube. 2,172,858; Sept. 12.
Toulon, Pierre M. G., Puteaux, France, assignor to Hazeltine Corporation. Electron tube circuits. 2,172,859; Sept. 12.
Tournier, Marcel C., Paris, France, assignor to Western Electric Company, Incorporated, New York, N. Y. Frequency selective system. 2,169,304; Aug. 15.
Tourot, Emma E., Paris, France. Dispensing device. 2,157,778; May 9.
Toussaint, Norbert F., assignor to Gulf Research & Development Company, Pittsburgh, Pa. Lubricating metal surfaces during cold-working. 2,151,285; Mar. 21.
Tout, Charles A., Butte, Mont. Apparatus for making latex inner tubes and the like. 2,142,223; Jan. 3.
Touton, Rush D., Cynwyd, assignor to Wurton Machine Company, Philadelphia, Pa. Conditioning tobacco. 2,151,947; Mar. 28.
Touton, Rush D., Cynwyd, assignor to Wurton Machine Company, Philadelphia, Pa. Conditioning tobacco. 2,153,442; Apr. 4.
Tower, Edwin B. H., Jr. (See Prendergast, Edmund J., assignor.)

Tower, Elmer V. J., assignor to Motor Wheel Corporation, Lansing Mich. Clutch. 2,163,991; June 27.
Tower, George A., Richmond, Va. Leak detector. 2,176,578; Oct. 17.
Towle, Charles L., Philadelphia, Pa. Pneumatic percussion tool. 2,178,246; Oct. 31.
Towler, Frank H. (See Towler, John M. and F. H.)
Towler, John M. and F. H., Yorkeshire, England. Reciprocating ram pump. 2,168,850; Aug. 8.
Towler, John M. and F. H., Yorkshire, England. Reciprocating ram pump. 2,183,436; Dec. 12.
Towne, Charles C. (See Cook, L. W., and Towne.)
Towne, Charles C., Beacon, assignor to The Texas Company, New York, N. Y. Lubricating oil. 2,158,389; May 16.
Towne, Charles C., Beacon, assignor to The Texas Company, New York, N. Y. Preparation of synthetic resins. 2,161,599; June 6.
Towne, Leland J., Oklahoma City, and E. B. De Loe, Sapulpa, Okla. Valveless sand pump. 2,151,059; Mar. 21.
Towne, Willis H. (See Sheldon, H. C., and Towne.)
Townend, Robert. (See Stubbs, A., and Townend.)
Townend, Robert V., Arlington, N. J., and W. R. Clayton, assignors to William Zinsser & Co., New York, N. Y. Thermoplastic molding composition and making same. 2,175,232; Oct. 10.
Towner, Clifford, Winchester, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Fastening installation. 2,169,968; Aug. 15.
Towner, Harold G., New Haven, Conn. Fuse. 2,153,600; Apr. 11.
Towner, Harold G., New Haven, Conn. Fuse. 2,173,143; Sept. 19.
Townsan, Charles F., Muskogee, Okla. Thermal applicator. 2,145,534; Jan. 31.
Townsend, Albert J., Lima, Ohio. Locomotive and truck structure. 2,173,867; Sept. 26.
Townsend, Albert J., Lima, Ohio. Heat exchanger and making same. 2,181,927; Dec. 5.
Townsend, Albert J., and F. J. Bascombe, Lima, Ohio. Forming finned tubing or the like. 2,179,530; Nov. 14.
Townsend, Charles S., Ealing, assignor to Wellesley Holdings Limited, London, England. Producing humus fertilizer. 2,158,918; May 16.
Townsend, Charles S., Ealing, assignor to Wellesley Holdings Limited, London, England. Production of predigested vegetable foodstuff for animals. 2,168,722; Aug. 8.
Townsend, Charles W., Worcester, assignor to United States Envelope Company, Springfield, Mass. Pamphlet and envelope incorporated therein. 2,145,500; Jan. 31.
Townsend, George R., Schenectady, N. Y., assignor to General Electric Company. Thermal control device. 2,168,180; Aug. 1.
Townsend, Harry E., Brooklyn, N. Y., deceased; Title Guarantee and Trust Company, executor, assignor to Bartlett Arkell, New York, N. Y. Machine for manufacturing bag tubes. 2,163,265; June 20.
Townsend, Henry B., Belmont, assignor to Vultex Chemical Company, Cambridge, Mass. Vulcanized rubber compositions. 2,165,589; July 11.
Townsend, John B., Newark, Ohio. Self-adjusting rural mail box support. 2,145,782; Jan. 31.
Townsend, Norman F., Port Chester, assigor to Willcox & Gibbs Sewing Machine Co., New York, N. Y. Power transmitter. 2,175,415; Oct. 10.
Townsend, Raymond L., Wichita, Kans. Electrode holder. 2,145,699; Jan. 31.
Townsend, Rex, Greenwich, Conn. Self-centering gauge for casing and drill pipes. 2,166,650; July 18.
Townsend, Roy C., La Crosse, Wis. Trailer axle. 2,155,156; Apr. 18.
Townsend, William E., Brooklyn, N. Y., and R. O. Maxwell, Elizabeth, N. J., assignors, by mesne assignments, to A. G. Richardson & Co., Inc., New York, N. Y. Lubricating oil. 2,144,469; Jan. 17.
Townshend, Bailey. (See Seigle, W. R., and Townshend.)
Towson, Sheldon K., Cleveland Heights, assignor to The Elwell-Parker Electric Company, Cleveland, Ohio. Control mechanism for industrial trucks. 2,173,616; Sept. 19.
Toyo Tokushu Imono Kabushiki Kaisha. (See Nakagawa, Shinsaku, assignor.)
Tozer, Cornelius C., and E. H. Berger, Hawthorne, N. Y. Vending receptacle. 2,150,469; Mar. 14.
Trabold, Frank W., deceased, Detroit, Mich., Detroit Trust Company and I. J. F. Trabold, executors. Frankfurter-forming apparatus. 2,171,196; Aug. 29.
Trabold, Irma J. F., et al., executors. (See Trabold, Frank W.)
Trabon Engineering Corporation. (See Hillis, David R., assignor.)
Trabon Engineering Corporation. (See Hull, Edwin J., assignor.)
Trabucco, Vincent R., asisgnor to Steger Furniture Mfg. Co., Steger, Ill. Machine for bending wood sheets. 2,167,428; July 25.
Trachsel, Ernst, Zurich, assignor of sixty percent to W. Huessy, Aaburg, Switzerland. Automatic adjustment for brakes. 2,183,416; Dec. 12.
Trachsel, Fritz, Bumpliz-Bern, Switzerland. Recording device. 2,168,965; Aug. 8.
Trachtenberg, Samuel, Cleveland, Ohio. Shaving device. 2,145,326; Jan. 31.
Tracy, Edwin S., Jr. (See Maguire, E. L., and Tracy.)
Tracy, Howard E., assignor to O. W. Walker Co. Incorporated, Worcester, Mass. Angular magnetic chuck. 2,151,362; Mar. 21.
Tracy, Jay B., Upper Darby, assignor to General Refractories Company, Philadelphia, Pa. Refractory brick construction. 2,155,026; Apr. 18.
Tracy, Stark E., Riverside, Ill. Railway switch. Re. 21,011; Feb. 21.
Trader, Wilbur S., C. H. Hamilton, and W. H. Finley, Nashville, Tenn. Mixing and control device for fluids. 2,158,342; May 16.
Traders Oil Mill Company. (See McMath, C. W., and Roots, assignors.)
Trafficscope, Inc. (See Cooley, R. M., and Rand, assignors.)
Trafford, James E., San Francisco, assignor, by mesne assignments, to E. S. Netting, Oakland, Calif. Suction apparatus for surgical use. 2,174,295; Sept. 26.
Traficante, Edward. (See Bolster, John M., assignor.)
Trageser, Charles F., assignor to Stadium Manufacturing Co. Inc., Baltimore, Md. Garment. 2,179,675; Nov. 14.
Traher, Albert D., Elizabeth, N. J. Electrical circuit. 2,175,580; Oct. 10.
Trahey, John C., assignor to Eastman Kodak Company, Rochester, N. Y. Sizing photographic paper. 2,143,809; Jan. 10.
Trailer Company of America, The. (See Black, James J., assignor.)
Trainer, James E., Fairlawn, C. Ziegler, Barberton, C. H. Yeo, Akron, and W. S. Jordre, Barberton, Ohio, assignors to The Babcock & Wilcox Company, Newark, N. J. Electric welding. 2,159,059; May 23.
Trainor, William M., New York, N. Y. Delineating multicolored designs on fabric. 2,152,507; Mar. 28.
Tramblie, Harrison I. (See Harwick, H. K., and Tramblie.)
Tramm, Heinrich. (See Dorndorf, H., Kelting, and Tramm.)
Tramm, Heinrich. (See Goethel, H., and Tramm.)
Tramm, Heinrich. (See Martin, F., Tramm, and Jung.)
Tramm, Heinrich. (See Velde, H., and Tramm.)
Trammell, Jefferson D., Fort Worth, Tex. Pipe joint. 2,173,792; Sept. 19.
Trane Company, The. (See Anderegg, R. H., and Miner, assignors.)
Trane Company, The. (See Savage, Gardner C., assignor.)
Trane Company, The. (See Weinstein, Norman, assignor.)
Transart Aktiebolag. (See Kroner, Friedrich, assignor.)
Transatlantic Factors Inc. (See Biller, Hans, assignor.)
Transit Advertisers, Inc. (See Page, F. L. M., and Jayne, assignors.)
Transit Mixers, Inc. (See O'Reilly, Francis, assignor.)
Transit Research Corporation. (See Bell, Dan H., assignor.)
Transit Research Corporation. (See Brown, Alexander G., Jr., assignor.)
Transit Research Corporation. (See Hirshfeld, Clarence F., assignor.)
Transit Research Corporation. (See Hirshfeld, C. F., and Brown, assignors.)
Transit Research Corporation, The. (See Piron, Emil H., assignor.)
Transitone Automobile Radio Company. (See Shea, M. F., and Speakman, assignors.)
Translode Joint Company, The. (See Landeen, Bernard N., assignor.)
Translode Joint Company, The. (See Robertson, Hayes, assignor.)
Translode Joint Company. (See Robertson, Robert R., assignor.)
Trans-Lux Corporation. (See Blohm, August H., assignor.)
Trans-Lux Corporation. (See Coote, Donald W., assignor.)
Trans-Lux Corporation. (See Newman, David F., assignor.)
Trans-Lux Corporation. (See Weller, Frank E., assignor.)
Trans-Lux Movie Ticker Corporation. (See Franklin, David, assignor.)
Transoceanic Aerial Control System, Inc. (See Plastino, Rubino, assignor.)
Transogram Company. (See Raizen, C. S., and Weisinger, assignors.)
Transparent Distributor Cap and Motor Parts Co. (See Sherman, William, assignor.)
Transportation Specialties Company. (See Johnston, Charles S., assignor.)
Transportation Systems, Inc. (See Main, David W., assignor.)
Trapani, Joseph F., Brooklyn, N. Y. Poultry feed dispensing device. 2,171,998; Sept. 5.
Traphagen, Harry R., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Planter. 2,172,485; Sept. 12.
Traphagen, Harry R., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Check-row planter. 2,181,441; Nov. 28.
Trapnell, Frederick M., U. S. Navy. Navigational instrument. 2,179,531; Nov. 14.

Trapnell, Nicholas M., Richmond, Va., assignor to Sperry Products, Inc., Brooklyn, N. Y. Track recorder mechanism. 2,144,946; Jan. 24.
Trask, Allen, Chicago, Ill. Differential spring suspension for vehicles. 2,176,159; Oct. 17.
Trask, Allen, assignor to Mills Novelty Company, Chicago, Ill. Discharge valve for compressors and the like. 2,161,769; June 6.
Tratsch, Walter A. (See Patzer, W., and Tratsch.)
Tratsch, Walter A., Chicago, Ill. Target apparatus. 2,165,591; July 11.
Tratsch, Walter A., and W. Patzer, Chicago, Ill. Coin chute. 2,151,823; Mar. 28.
Tratsch, Walter A., and W. Patzer, Chicago, Ill. Coin and slug separating device. 2,158,919; May 16.
Tratsch, Walter A., and W. Patzer, Chicago, Ill. Coin and slug separating device. 2,159,117; May 23.
Tratsch, Walter A., and W. Patzer, Chicago, Ill. Coin-freed control. 2,165,590; July 11.
Tratsch, Walter A., and W. Patzer, Chicago, Ill. Vending machine. 2,177,965; Oct. 31.
Traub, Ernest, London, England. Television apparatus. 2,149,198; Feb. 28.
Traube, Abraham, Brooklyn, N. Y. Apparatus for cleaning fabrics and the like. 2,164,965; July 4.
Traughber Engineering Co. (See Bowman, Reginald G., assignor.)
Traung Company, The. (See Sheedy, F. T., and Traung, assignors.)
Traung, Louis. (See Sheedy, F. T., and Traung.)
Traut, Conrad W., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,182,457; Dec. 5.
Traut, George T., Gloucester, assignor to New Process Rayon, Inc., Gloucester City, N. J. Converting copper sulphide. 2,165,667; July 11.
Trautman, Oscar C. (See Wood, W. H., and Trautman.)
Trautmann, Otto E., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Telescope or the like. 2,155,569; Apr. 25.
Trautmann, Otto E., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Focusing mechanism. 2,155,570; Apr. 25.
Trautmann, Otto E., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Projector. 2,164,847; July 4.
Trautner, Wagn, Springdale, Ohio, assignor to E. H. Kueffer, Oakland, Calif. Signal lamp lens. 2,144,096; Jan. 17.
Trautvetter, George, assignor to Edward G. Budd Manufacturing Company, Philadelphia, Pa. Molding. 2,169,172; Aug. 8.
Trautvetter, William G., Paterson, N. J. Harness motion for looms. 2,169,823; Aug. 15.
Travelo Corporation. (See Ware, Frank, assignor.)
Traver, Adelbert C. (See Valentine, H. G., and Traver.)
Travers, Frank J., et al., coexecutors. (See Jauch, R. J., Sturm, and Griffin.)
Travers, Fred H., Milford, Conn., assignor to General Electric Company. Switch handle. 2,151,626; Mar. 21.
Traverse, Paul. (See Vogel, T. M., and Traverse.)
Traversi, Gemma B. (See Normandi, A. L., and Traversi.)
Traversy, Isidore A., Ottawa, Ontario, Canada. Vending machine. 2,180,326; Nov. 14.
Travis, Charles, Philadelphia, Pa., assignor to Radio Corporation of America. Automatic frequency control system. 2,144,235; Jan. 17.
Travis, Charles, Philadelphia, Pa., assignor to Radio Corporation of America. Circuit arrangement. 2,153,778; Apr. 11.
Travis, Charles, Philadelphia, Pa., assignor to Radio Corporation of America. Automatic oscillator frequency control system. 2,153,779; Apr. 11.
Travis, Charles, Philadelphia, Pa., assignor to Radio Corporation of America. Automatic frequency control system. 2,155,208; Apr. 18.
Travis, Frederick S., assignor of one-half to Edward M. Spelman, Cleveland, Ohio. Sprocket assembly for bicycles. 2,164,759; July 4.
Travler Radio & Television Corporation. (See Miller, Joseph L., assignor.)
Travnicek, Frank, East St. Louis, Ill. Speed reducing mechanism. 2,178,657; Nov. 7.
Travnitschek, Rudolf, Schlesien, Czechoslovakia. Paint box. 2,171,675; Sept. 5.
Trayer, George W. (See Newlin, J. A., and Trayer.)
Traylor Engineering and Manufacturing Company. (See Cheesman, Richard D., assignor.)
Traylor Vibrator Company, The. (See Bird, Byron M., assignor.)
Traylor Vibrator Company, The. (See Flint, James A., assignor.)
Traylor Vibrator Company, The. (See Francis, Earle V., assignor.)
Traylor Vibrator Company, The. (See Francis, E. V., and Flint, assignors.)
Trayman, Albert, deceased, Seattle, Wash.; V. S. McBride, administrator, assignor to A. Trayman, Chicago, Ill. Gold separator. 2,172,718; Sept. 12.
Trbojevich, Nikola, Detroit, Mich. Universal joint. 2,176,111; Oct. 17.
Treacy, Cyril S., Scarsdale, assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Light-sensitive cell manufacture. 2,157,506; May 9.
Treadwill Engineering Company. (See Mikaelson, Erik W., assignor.)
Treanor, Edward D., Pittsfield, Mass., assigner to General Electric Company. Protective device for liquid immersed electrical apparatus. 2,169,857; Aug. 15.
Treat, Franklin G. (See Hall, F. B., Treat, and Walton.)
Treat, Parker E., assignor to W. B. Coon Co., Rochester, N. Y. Heel. 2,142,539; Jan. 3.
Trecartin, John S., Caldwell, assignor to Mack Molding Company, Wayne, N. J. Molded container or receptacle. 2,145,143; Jan. 24.
Treccase, Domenico. (See Vocaturo, Pasquale, assignor.)
Trechcinski, Roman, Warsaw, Poland. Telephone system. 2,148,915; Feb. 28.
Trechciński, Roman, assignor to Państwowe Zakłady Tele-i Radjotechniczne w Warszawie, Warsaw, Poland. System of tone-signaling and impulsing. 2,153,654; Apr. 11.
Trede, Hans. (See Hartmann, O. H., and Trede.)
Trede, Hans, assignor to the firm of Schmidt'sche Heissdampf Gesellschaft, m. b. H., Kassel-Wilhelmshohe, Germany. Marine water tube boiler. 2,149,477; Mar. 7.
Tredup, Fred W., Chicago, Ill. Floral aquarium. 2,155,811; Apr. 25.
Treece, Jesse H., H. L. Whitney, and H. W. Schneider, Toledo, Ohio, assignors to Libbey Glass Company. Tumbler decorating apparatus. 2,183,230; Dec. 12.
Treeland, Lewis, Kansas City, Kans. Fertilizer and making same. 2,165,592; July 11.
Treer, Ross B., Lakewood, assignor to The Cleveland Punch & Shear Works Company, Cleveland, Ohio. Power press. 2,169,747; Aug. 15.
Treer, Ross B., Lakewood, assignor to The Cleveland Punch & Shear Works Company, Cleveland, Ohio. Press. 2,185,096; Dec. 26.
Trefts, George M., 3rd, East Aurora, N. Y. Pressure vessel of the boiler type and producing same. 2,160,393; May 30.
Tregoning, Joseph H. (See Rider, Morris, assignor.)
Treiber, Otis D., assignor to Hercules Motors Corporation, Canton, Ohio. Internal combustion engine with cylinder chambers and whirl chambers and connecting passageways. 2,172,526; Sept. 12.
Trekell, Harold E., Beach Bluff, Mass., assignor to General Electric Company. Watt-hour meter. 2,146,606; Feb. 7.
Tremblay, Albert F., assignor to Kent-Owens Machine Company, Toledo, Ohio. Apparatus for gathering and forming glass. 2,168,833; Aug. 8.
Tremco Manufacturing Company, The. (See Treuhaft, William C., assignor.)
Tremolada, Guglielmo. (See Davidson, W. D., and Tremolada.)
Tremolada, Guglielmo, assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Rotary swivel. 2,150,529; Mar. 14.
Tremont Products Corporation. (See Smith, Raymond D.)
Trencavel, Albert B., New York, N. Y., assignor to American Hot Water Systems, Inc. Hot water heating device. 2,154,646; Apr. 18.
Trencham, Henry, Ruislip, England, assignor to General Electric Company. Electrical switch gear. 2,153,400; Apr. 4.
Trent, Harold E., Philadelphia, Pa. Heat transmitting surface. 2,152,934; Apr. 4.
Treo Company. (See Metz, Samuel T., assignor.)
Trepp, Emerick J., Detroit, Mich. Stitching machine. 2,166,028; July 11.
Treschau, Edwin, Berlin-Reinickendorf, assignor to Allgemeine Elektricitats-Gesellschaft, Berlin, Germany. Combined glow cathode and acceleration diaphragm. 2,144,998; Jan. 24.
Tressler, Donald K., Geneva, assignor to Cornell Research Foundation, Inc., Ithaca, N. Y. Wine process. 2,181,838; Nov. 28.
Tressler, Donald K., Geneva, assignor to Cornell Research Foundation, Inc., Ithaca, N. Y. Wine process. 2,181,839; Nov. 28.
Tret-O-Lite Company, The. (See Blair, Charles M., Jr., assignor.)
Tret-O-Lite Company, The. (See Blair, C. M., Jr., and Rogers, assignors.)
Tret-O-Lite Company, The. (See De Groote, Melvin, assignor.)
Tret-O-Lite Company, The. (See De Groote, M., and Faure, assignors.)
Tret-O-Lite Company. (See De Groote, M., Keiser, and Blair, assignors.)
Treub, Jacobus P., assignor to Naamlooze Vennootschap: Vereenigde Fabrieken van Stearine, Kaarsen en Chemische Producten, Gouda, Netherlands. Gradual separation of mixtures according to the countercurrent principle. 2,147,222; Feb. 14.
Treuhaft, William C., Mentor-on-the-Lake, assignor to The Tremco Manufacturing Company, Cleveland, Ohio. Composite structure and making the same. 2,172,628; Sept. 12.

Treuhaft, William C., Mentor-on-the-Lake, assignor to The Tremco Manufacturing Company, Cleveland, Ohio. Flooring composition and applying the same. 2,172,629; Sept. 12.
Trevor, Bertram, and R. W. George, Riverhead, N. Y., assignor to Radio Corporation of America. Short wave system. 2,152,335; Mar. 28.
Triangle Mechanical Laboratories Corp. (See Simon, Aaron, assignor.)
Trible, Winthrop, assignor to Cincinnati Grinders Incorporated. Cincinnati, Ohio. Grinding machine. 2,162,038; June 13.
Trible, Winthrop, and G. F. Heckman, assignors to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Automatic position stop mechanism for machine tools. 2,170,510; Aug. 22.
Trice, Spencer T., Oklahoma City, Okla. Electrical hemostat. 2,144,090; Jan. 17.
Trick, Edgar H., San Antonio, Tex. Sand mixing and sifting machine. 2,177,614; Oct. 24.
Trickey, Philip H., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Alternating current motor with low-voltage lamp taps. 2,173,458; Sept. 19.
Trico Products Corporation. (See Horton, Erwin C., assignor.)
Trico Products Corporation. (See Hueber, Henry, assignor.)
Trico Products Corporation. (See Oishei, John R., assignor.)
Trico Products Corporation. (See Paulus, William, assignor.)
Tridek Corporation. (See Humphrey, George F., assignor.)
Trier Bros. Limited. (See Crothers, Paul F., assignor.)
Trier, Frank N., and P. F. Crothers, assignors to Trier Bros. Limited, London, England. Apparatus for delivering liquid or semiliquid substances. 2,175,652; Oct. 10.
Tri-Lok Company. (See Joyce, T. J., and Delanty, assignors.)
Trimbach, Clem G., Eggertsville, N. Y., assignor to Curtiss-Wright Corporation. Gun-pointing accessory. 2,175,931; Oct. 10.
Trimble, Fred J., Maywood, Calif., assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Automatic wire tying mechanism. 2,173,403; Sept. 19.
Trimble, Lyne S., assignor to Cinecolor, Incorporated, Los Angeles, Calif. Coloring photographic images. 2,183,661; Dec. 19.
Trimble Nurseryland Furniture, Inc. (See De Puy, Charles T., assignor.)
Trimount Coin Machine Company. (See French, Parker H., assignor.)
Triner, James M., assignor to Triner Scale & Manufacturing Company, Chicago, Ill. Scale. 2,142,424; Jan. 3.
Triner, James M., assignor to Triner Scale & Manufacturing Company, Chicago, Ill. Printing mechanism. 2,149,478; Mar. 7.
Triner, James M., assignor to Triner Scale and Manufacturing Company, Chicago, Ill. Scale. 2,149,479; Mar. 7.
Triner Scale & Manufacturing Company. (See Triner, James M., assignor.)
Tringale, Tom, Los Angeles, Calif. Silent door latch. 2,142,425; Jan. 3.
Tringham, William S. L., Puttenham, Guildford, England, assignor to Radio Corporation of America. Modulated carrier wave transmitter. 2,172,552; Sept. 12.
Trinity College, Trustees of. (See Hutt, R. B. W., and Abild, assignors.)
Trinkle, Leonard E., Terre Haute, Ind. Tooth restoration and anchorage and process of forming same. 2,151,723; Mar. 28.
Trinkler, Walter H., Chicago, Ill. Device for jacking up of motor vehicles or other power propelled contrivances. 2,153,530; Apr. 4.
Trinks, Willibald, Pittsburgh, Pa., assignor to Eastman Kodak Company, Rochester, N. Y. Burner construction. 2,183,596; Dec. 19.
Trion Company, The. (See Dunn, Carl L., assignor.)
Triple-A Specialty Company. (See Eden, Harold W., assignor.)
Triplett, Hugh A., Wilmette, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Electrical fuse. 2,157,152; May 9.
Triplett, Hugh A., Wilmette, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Fuse. 2,162,540; June 13.
Triplett, Hugh A., Wilmette, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Fuse. 2,183,728; Dec. 19.
Triplett, Hugh A., Wilmette, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Fuse construction. 2,183,729; Dec. 19.
Triplett, Hugh A., Wilmette, assignor to Schweitzer & Conrad, Inc., Chicago, Ill. Arc extinguishing method and device. 2,175,495; Oct. 10.
Triplett, Hugh A., Wilmette, and A. Ramsey, Evanston, assignors to Schweitzer & Conrad, Inc., Chicago, Ill. Circuit interrupter housing. 2,160,926; June 6.
Triplett, Hugh A., Wilmette, and S. I. Lindell, assignors to Schweitzer & Conrad, Inc., Chicago, Ill. Fuse. 2,174,767; Oct. 3.
Triplett, Nimrod, Chicago, Ill. Automobile heater. 2,176,282; Oct. 17.
Triplett, Ray E. (See Wenger, Floyd E., assignor.)
Triplett, Ray L. (See Wenger, Floyd E., assignor.)
Triplett, Ray L., Bluffton, Ohio. Illuminating instrument dial. 2,168,720; Aug. 8.
Triplett, Ray L., Bluffton, Ohio. Detachable rectifier plug. 2,180,487; Nov. 21.
Trinkle, Carl, assignor to The Baldwin Company, Cincinnati, Ohio. Abrading device. 2,178,381; Oct. 31.
Triplex Machine Tool Corp. (See Vanderwerf, Leonard H., assignor.)
Tripp, Edward J., Hanham, Bristol, assignor to Simmonds Development Corporation Limited, London, England. Fastening device. 2,142,925; Jan. 3.
Tripp, Elbert D., assignor to A. J. Deniston, Jr., Chicago, Ill. Nail. 2,172,553; Sept. 12.
Trippe, Graham, Chicago, Ill. Lamp control means. 2,165,688; July 11.
Trippe, Graham, Chicago, Ill. Head lamp for vehicles. 2,165,689; July 11.
Trippensee, Herbert O., Saginaw, Mich. Crane for automobile wreckers. 2,145,378; Jan. 31.
Trisco Products, Inc. (See Bauer, David M., assignor.)
Tri State Cap & Cap Machinery Co. (See Jonassen, Jonas, assignor.)
Tri State Cap & Cap Machinery Co. (See Pityo, Albert E., assignor.)
Tritle, John F., Erie, Pa., assignor to General Electric Company. Electric switch. 2,153,401; Apr. 4.
Tritle, John F., Erie, Pa., assignor to General Electric Company. Electric switch. 2,153,402; Apr. 4.
Tritle, John F., Erie, Pa., assignor to General Electric Company. Control system. 2,159,773; May 23.
Tritle, John F., Erie, Pa., assignor to General Electric Company. Controller. 2,185,044; Dec. 26.
Triumph Explosives, Inc. (See Decker, Josef B., assignor.)
Triumph-Werke Nürnberg A.-G. (See Wunderlich, Friedrich, assignor.)
Triumph-Werke Nurnberg A.-G. (See Wunderlich, Fritz, assignor.)
Trlica, Albert P. (See Jack, David G., assignor.)
Trobridge, Geoffrey W. (See Murphy, E. A., Trobridge, and Andrews.)
Trobridge, Geoffrey W. (See Murphy, E. A., Trobridge, and Ward.)
Troche, Herman J. (See Larsen, N. P., and Troche.)
Troche, Herman J., assignor to American Coach and Body Company, Cleveland, Ohio. Niggerhead. 2,157,153; May 9.
Troeger, Richard. (See Schmer, K., and Troeger.)
Troeger, Roy C. (See Steele, C. J., and Troeger.)
Troeltsch, Friedrich. (See Schöne, A., and Troeltsch.)
Troendle, Leo M., Brooklyn, N. Y. Table for automobiles. 2,173,569; Sept. 19.
Troendly, Harry P., assignor to Parva Products Company, Chicago, Ill. Buckle. 2,157,037; May 2.
Troendly, Harry P., assignor to Parva Products Company, Chicago, Ill. Buckle. 2,173,889; Sept. 26.
Trofimov, Lev A., assignor, by mesne assignments, to Product Development and Engineering Corporation, Cleveland, Ohio. Method and means for treating electrically conducting liquids. 2,166,671; July 18.
Tröger, Richard, Berlin-Zehlendorf-Mitte, Germany, assignor to General Electric Company. Surge generator. 2,157,929; May 9.
Troiel, Arthur E., Berkeley, Calif. Building block. 2,143,667; Jan. 10.
Trojan, José, assignor to O. Housholder and D. C. Cohen, a co-partnership doing business as Crystal Manufacturing Co., Chicago, Ill. Sign. 2,165,910; July 11.
Trojan Powder Company. (See Bronstein, Jesse B., Jr.)
Trojan Powder Company. (See Wyler, Joseph A., assignor.)
Trojanowski, Jacob, Cleveland, Ohio. Wall construction. 2,165,116; July 4.
Trollen, Martin E., assignor to Brown & Bigelow, St. Paul, Minn. Pencil. 2,181,525; Nov. 28.
Troller, Theodore H., Akron, Ohio. Propeller. 2,156,133; Apr. 25.
Trolley Conveyors Development Foundation, Inc. (See Barrett, Clarence A., assignor.)
Trolley, Isaac. (See Bateman, F. H., and Trolley.)
Trollope, William A. C. and L. E. M. McVicar, Coogee, near Sydney, New South Wales, Australia. Advertising and display sign. 2,171,462; Aug. 29.
Trombetta, Nicola, Hoboken, N. J. Window frame construction. 2,182,008; Dec. 5.
Trommsdorff, Ernst. (See Röhm, O., and Trommsdorff.)
Tronnier, Albrecht W., Gottingen, S. Roeschlein, Bad Kreuznach, and E. Lescher, Gottingen, assignors to Jos. Schneider & Co. Optische Werke, Bad Krenznach, Germany. Magnifying lens attachment for objectives. 2,169,130; Aug. 8.
Tropic-Aire, Incorporated. (See Crowley, Enos W., assignor.)
Tropic-Aire, Incorporated. (See Fink, Henry W., assignor.)
Tropic-Aire, Incorporated. (See Schumann, Rhinehart, assignor.)
Tropic-Aire, Incorporated. (See Will, Carl H., assignor.)
Tropic-Aire, Incorporated. (See Will, C. H., and Fink, assignors.)

Tropsch, Hans, assignor to Universal Oil Products Company, Chicago, Ill. Dehydrogenation of paraffin hydrocarbons. 2,148,140; Feb. 21.
Tropsch, Hans, deceased, by C. W. von Helmolt, administrator de bonis non, assignor to Universal Oil Products Company, Chicago, Ill. Conversion of hydrocarbons. Re. 21,073; May 2.
Trosch, Alfred, assignor to Consolidated Machine Tool Corporation, Rochester, N. Y. Planer. 2,184,608; Dec. 26.
Trosken, Otto. (See Zerweck, W., Heinrich, and Trösken.)
Trotman, George. (See Ashmore, L. H., and Trotman.)
Trott, Rolland S., Denver, Colo. Engine mounting. 2,155,377; Apr. 18.
Trotter, Odie B., Houma, La., assignor to The Texas Company, New York, N. Y. Whipstock. 2,147,585; Feb. 14.
Trotter, William. (See Williams, C. F., and Trotter.)
Trotter, William, San Francisco, and E. W. Wilkinson, Berkeley, Calif., assignors to Minerals Separation North American Corporation, New York, N. Y. Concentration of phosphate ores. 2,162,494; June 13.
Trotter, William, San Francisco, and E. W. Wilkinson, Berkeley, Calif., assignors to Minerals Separation North American Corporation, New York, N. Y. Concentration of ores. 2,162,495; June 13.
Trottnow, A., in trust. (See Cole, James R., assignor.)
Troup, George M., assignor to General Motors Corporation, Dayton, Ohio. Refrigerating apparatus. 2,147,508; Feb. 14.
Trout, Glen H. (See Bannerman, G. H., Curran, and Trout.)
Trout, Walter C., assignor to Lufkin Foundry & Machine Company, Lufkin, Tex. Bearing hold-up and hold-down. 2,152,508; Mar. 28.
Trout, Walter C., assignor to Lufkin Foundry & Machine Company, Lufkin, Tex. Counterbalance crank. 2,155,174; Apr. 18.
Trout, Walter C., assignor to Lufkin Foundry & Machine Company, Lufkin, Tex. Wire line swing. 2,157,442; May 9.
Trout, Walter C., assignor to Lufkin Foundry & Machine Company, Lufkin, Tex. Center iron bearing. 2,158,161; May 16.
Trout, Walter C., and J. L. Fincher, Lufkin, Tex.; said Fincher assignor to Lufkin Foundry & Machine Company, Lufkin, Tex. Beam weight. 2,179,649; Nov. 14.
Trow, Richard F., Tuckahoe, assignor to The Texas Company, New York, N. Y. Conversion of hydrocarbons. 2,185,162; Dec. 26.
Trow, Thomas F., Minneapolis, Minn. Hitch. 2,179,439; Nov. 7.
Trowbridge, Edwin G., Phoenix, N. Y. Fountain. 2,167,055; July 25.
Trowell, William W., assignor to Hercules Powder Company, Wilmington, Del. Metal salts of sulphonated terpene-phenol condensates and preparation thereof. 2,155,961; Apr. 25.
Troxel Manufacturing Company, The. (See Brandt, John W., assignor.)
Troxel Manufacturing Company, The. (See Hayes, Arthur D., assignor.)
Troxel Manufacturing Company, The. (See Linder, A. J., and Kalter, assignors.)
Troxler, Bernhart, Kenvil, N. J., assignor to Hercules Powder Company, Wilmington, Del. Method in the preparation of progressive-burning smokeless powder. 2,152,509; Mar. 28.
Troxler, Charles G., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,184,406; Dec. 26.
Troy Dunshade Company, The. (See Haslup, Clarence L., assignor.)
Troy, Max, New York, assignor to General Linen Supply & Laundry Co., Inc., Brooklyn, N. Y. Laundering sleeved garments. 2,143,928; Jan. 17.
Troy, Seymour, New York, N. Y. Low shoe. 2,151,286; Mar. 21.
Troy, Walter A., New York, N. Y. Wall construction and making same. 2,176,938; Oct. 24.
Troyer, John S., Moyock, N. C. Harvester-thresher. 2,144,301; Jan. 17.
Troyer, Ora E., Fairview, Mich. Road testing machine. 2,175,496; Oct. 10.
Trübenbach, Ernst, Berlin, Germany, assignor to General Electric Company. Apparatus for operating current collector shoes. 2,175,042; Oct. 3.
Trubenizing Process Corporation. (See Liebowitz, Benjamin, assignor.)
Trubitz, Philip, assignor to Sam Pass, Chicago, Ill. Furniture slip cover. 2,179,805; Nov. 14.
Trubitz, Philip, assignor to S. Pass, Chicago, Ill. Plaited product and forming the same. 2,183,828; Dec. 19.
Trubshaw, Herbert R., Spokane, Wash. Semaphore signal. 2,180,749; Nov. 21.
Trucksess, David E., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Regulator system. 2,155,515; Apr. 25.
Trucktor Corporation, The. (See Farris, Clayton, assignor.)
Trudeau, John F., assignor to Udylite Company, Detroit, Mich. Plating machine. 2,142,829; Jan. 3.
Truecolour Film Limited. (See Reindorp, John H., assignor.)
Truecolour Film Limited. (See Sanders-Dolgoruki, Edgar, assignor.)
Truell, Rohn, East Orange, N. J. Assignor to Radio Corporation of America, New York, N. Y. Cathode ray tube. 2,164,555; July 4.
Trueman, Paul T., Canton, and C. D. Chase, Allston, assignors to Standard Mailing Machines Company, Everett, Mass. Moistening device for duplicators. 2,172,115; Sept. 5.
Truesdale, Melville D., Greenwich, Conn. Fruit peel press. 2,181,674; Nov. 28.
True-Tred, Inc. (See Kite, F. E., and Broering, assignors.)
Truglitzka, Georg. (See Seliger, H., Bretschneider, Hubald, Krüger, and Truglitzka.)
Truhlsen, Henry. (See Brandert, Henry H. and L. J.)
Trüjen, Willy, Erkelenz-Rhineland, Germany. Machine for sharpening knives for plush and velvet cutting. 2,174,048; Sept. 26.
Truman, Floyd. (See Madden, L. J., and Truman.)
Truman, Sam O., Overton, Tex. Oil gauge line wiper and brake. 2,150,086; Mar. 1.
Trumble, John T., Detroit, Mich. Metal spoked wheel. 2,158,709; May 16.
Trumbower, Walter G. (See Moore, C. B., and Trumbower.)
Trumbull Electric Manufacturing Company, The. (See Carlson, John E., assignor.)
Trumbull Electric Manufacturing Company, The. (See Frederickson, Clarence P., assignor.)
Trumbull Electric Manufacturing Company, The. (See Getchell, B. E., and Stone, assignors.)
Trumbull Electric Manufacturing Company, The. (See Hammerly, Herman J., assignor.)
Trumbull Electric Manufacturing Company, The. (See Hanny, Charles E., assignor.)
Trumbull Electric Manufacturing Company, The. (See Harvey, Frank, assignor.)
Trumbull Electric Manufacturing Company, The. (See Rowe, Raymond N., assignor.)
Trumbull Electric Manufacturing Company, The. (See Samer, Henry A., assignor.)
Trumbull Electric Manufacturing Company, The. (See Thomasen, Alfred W., assignor.)
Trumbull Electric Manufacturing Company, The. (See Weiger, Donald M., assignor.)
Trump, Edward H., Chelmsford, England, assignor to Radio Corporation of America. Aerial and aerial mounting arrangement. 2,144,038; Jan. 17.
Trump, Edward N., and A. D. Hallett, Syracuse, N. Y. Method of and apparatus for feeding foil strip and the like. 2,175,416; Oct. 10.
Trump, John G., Belmont, Mass., assignor to Research Corporation, New York, N. Y. High voltage ionic discharge device. 2,182,185; Dec. 5.
Trumpbour, Harold F., Madison, N. J., assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Sash-bar construction. 2,144,515; Jan. 17.
Truscon Laboratories, The. (See Plumb, Roy A., assignor.)
Truscon Steel Company. (See Bianco, Henry, assignor.)
Truscon Steel Company. (See Carnie, Alexander, assignor.)
Truscon Steel Company. (See Morgan, David H., assignor.)
Truscon Steel Company. (See Schulz, Walter F., assignor.)
Trusler, Frank S., Vernon, Tex. Clamp for dental flasks. 2,180,375; Nov. 21.
Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Ring binder and making the same. 2,144,581; Jan. 17.
Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Binder. 2,156,232; Apr. 25.
Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Binder. 2,177,270; Oct. 24.
Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Loose-leaf binder. 2,178,546; Nov. 7.
Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Sheet lifter. 2,179,986; Nov. 14.
Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Loose-leaf binder. 2,183,231; Dec. 12.
Trussell, Emory A., Milwaukee, Wis. Binder. 2,157,872; May 9.
Trussell, Emory A., Milwaukee, Wis., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Binding sheet material. 2,185,004; Dec. 26.
Trussell Manufacturing Company. (See Cruzan, Charles C., assignor.)
Trussell Manufacturing Company. (See Trussell, Clarence D., assignor.)
Trussell Manufacturing Company. (See Trussell, Emory A., assignor.)
Truthe, Wilhelm, assignor to Deutsche Gold und Silber Scheideanstalt vormals Roessler, Frankfort-on-the-Main, Germany. Reducing the grain in precious metals and their respective alloys. 2,143,217; Jan. 10.
Trutner, Donald G. (See Anderson, V., and Trutner.)

Trutner, Donald G., North Arlington, assignor to Alfred Hofmann & Company, West New York, N. J. Lamp sealing-in and exhausting machine. 2,162,209; June 13.
Truxell, Clyde W., Jr., assignor to General Motors Corporation, Detroit, Mich. Fuel pump injector. 2,144,861; Jan. 24.
Truxell, Clyde W., Jr., assignor to General Motors Corporation, Detroit, Mich. Fuel pump injector. 2,144,862; Jan. 24.
Tryon, Virginia L. (See Brown, William H., assignor.)
Tschan, Ernst, assignor to the firm Durand & Huguenin A. G., Basel, Switzerland. Producing reserves under dyeings of ester salts of leuco vat dyestuffs. 2,182,140; Dec. 5.
Tschanz, Carl A., Cincinnati, Ohio. Stabilizing system for vehicles. 2,184,202; Dec. 19.
Tschappat, Sheridan P., Tulsa, Okla. Tubing head. 2,153,852; Apr. 11.
Tschappat, Sheridan P., Tulsa, Okla. Tubing head. 2,168,591; Aug. 8.
Tschauner, Leo, Brunn, Moravia, assignor to the firm of Limited Company formerly The Skodaworks Plzen, Prague, Czechoslovakia. Hammer crusher with adjustable resilient feed grate. 2,171,463; Aug. 29.
Tschörtner, Carl A., Cologne-on-the-Rhine, Germany. Small-film cine camera. 2,159,574; May 23.
Tschudy, William, and T. W. Halliday, Los Angeles, assignors of one-third to B. Dibble, Redlands, Calif. Apparatus for preparing fuel for combustion. 2,151,060; Mar. 21.
Tsuneda, Kenjiro, Kyoto, Japan. Variable compression ratio internal combustion engine. 2,145,017; Jan. 24.
Tsuneda, Kenjiro, Higashiyama-ku, Kyoto, and Y. Hironaka, Tsuwano-cho, Kanoashi-gun, Shimane; said Hironaka assignor to Takara Jidosha Kogyo Kabushiki-Kaisha, Tokyo, Japan. Internal combustion engine with means for regulating the compression ratio. 2,142,621; Jan. 3.
Tsuruta, Sam S., Walnut Grove, Calif. Salt shaker. 2,179,907; Nov. 14.
Tubbs, Earl D., New York, N. Y., assignor to Igoe Brothers, Inc., Newark, N. J. Removing burrs from welded rod lengths. 2,169,824; Aug. 15.
Tubbs, Ira I., Coral Gables, Fla. Puenmatic tire. 2,167,398; July 25.
Tubbs, Lester G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Indicating means. 2,150,302; Mar. 14.
Tubbs, Lester G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulating apparatus. 2,165,079; July 4.
Tubbs, Lester G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Voltage regulator. 2,165,080; July 4.
Tubbs, Lester G., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Regulator control equipment. 2,182,650; Dec. 5.
Tubize Chatillon Corporation. (See Allquist, John W., assignor.)
Tubize Chatillon Corporation. (See Blount, Edgar R., assignor.)
Tubize Chatillon Corporation. (See Lea, William G., assignor.)
Tubize Chatillon Corporation. (See Wheeler, Vaughn E., assignor.)
Tuchmann, Louis B. and S. J., Norfolk, Va. Abrading apparatus. 2,161,112; June 6.
Tuchmann, Sidney J. (See Tuchmann, Louis B. and S. J.)
Tuck, William S., Gardena, Calif. Combination chair and table. 2,175,979; Oct. 10.
Tucker, Carll. (See Begun, Semi J., assignor.)
Tucker, Chester R. (See Hall, C. P., and Tucker.)
Tucker, Emmitt M., Huntington Park, Calif. Internal combustion engine. 2,184,820; Dec. 26.
Tucker, George G., Jr., Berwyn, assignor to Hubbard Spool Company, Chicago, Ill. Spool structure. 2,156,363; May 2.
Tucker, Guy S. (See Hill, Rolo D., assignor.)
Tucker, Harry W., New York, N. Y. Holding device. 2,182,392; Dec. 5.
Tucker, Irwin W., Washington, D. C. Fastening device. 2,157,837; May 9.
Tucker, Joseph F., Petts Wood, assignor to J. Stone & Company, Limited, Deptford, England. Ship's sewage disposal apparatus. 2,163,506; June 20.
Tucker, Mayson H., New York, N. Y. Photographic printing. 2,182,325; Dec. 5.
Tucker, Robbie C., Conroe, Tex. Bypass valve. 2,145,820; Jan. 31.
Tucker, Stephen M., assignor to Eastman Kodak Company, Rochester, N. Y. Hub construction for a film spool. 2,180,023; Nov. 14.
Tucker, William M., assignor to Eastman Kodak Company, Rochester, N. Y. Electroplating. 2,147,415; Feb. 14.
Tucker, Woodson C., Jr. (See Cambron, L. R., and Tucker.)
Tudor, Thomas E., Frankfort, Ind. Vacuum braking device. 2,146,491; Feb. 7.
Tuley, Charles B., Glenolden, and J. W. McNulty, Ridley Park, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Condenser. 2,162,871; June 20.
Tufide Products Corporation. (See Sheesley, Horace A., assignor.)
Tuft, Miles H., assignor to Deere & Company, Moline, Ill. Tractor mounted implement. 2,150,665; Mar. 14.
Tuft, Miles H., assignor to Deere & Company, Moline, Ill. Lifting mechanism. 2,174,808; Oct. 3.
Tuft, Miles H., and C. T. Rasmussen, assignors to Deere & Company, Moline, Ill. Beet lifter. 2,174,310; Sept. 26.
Tufts, John O., Loveland, Ohio. Embalmer's instrument. 2,181,251; Nov. 28.
Tufts, Marshall W., executor. (See Woodman, George A.)
Tufts, Nathan, assignor to The New England Box Company, Greenfield, Mass. Light plywood shipping container. 2,145,615; Jan. 31.
Tuley, Charles B., Glenolden, and D. W. R. Morgan, Swarthmore, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Condenser apparatus. 2,180,840; Nov. 21.
Tull, Robert H., Springfield, Mass., and B. J. Homkes, Detroit, Mich., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus. 2,155,516; Apr. 25.
Tull, Robert H., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Forced air cooled display case. 2,181,635; Nov. 28.
Tulleners, Anton J. (See van Peski, A. J., and Tulleners.)
Tulleners, Anton J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Purification of aqueous solutions of aliphatic esters of polybasic inorganic acids. 2,152,162; Mar. 28.
Tulleners, Anton J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Purification of salts of aliphatic acid esters of polybasic inorganic acids. 2,152,163; Mar. 28.
Tulleners, Anton J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Treating acid liquors. 2,155,027; Apr. 18.
Tulleners, Anton J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Manufacture of alkaline earth salts of inorganic acid esters and the like. 2,176,005; Oct. 10.
Tullis, Jasper G., assignor to The Cleveland Formgrader Company, Cleveland, Ohio. Road tool. 2,155,571; Apr. 25.
Tully, Henry J. (See Spain, Rowland W., assignor.)
Tumbridge, Stanley S. (See Keaton, Clyde D., assignor.)
Tumey, Charles M. (See Bowers, E. E., and Tumey.)
Tumey, Lawrence F., Baldwin, assignor to Eclipse Aviation Corporation, East Orange, N. J. Automatic control for deicing mechanism. 2,182,547; Dec. 5.
Tummins, Samuel H., Houston, Tex. Wallboard fastener. 2,174,145; Sept. 26.
Tung-Sol Lamp Works Inc. (See Narwid, Cyprian A., assignor.)
Tungsten Electrodeposit Corporation. (See Armstrong, H. H. and Menefee, assignors.)
Tunick, Harry, Rye, N. Y., assignor to Radio Corporation of America. Low-loss circuits. 2,169,305; Aug. 15.
Tunick, Harry, Rye, N. Y., assignor to Radio Corporation of America. Short-wave receiver. 2,169,306; Aug. 15.
Tunick, Harry, Rye, N. Y., assignor to Radio Corporation of America. Low-loss circuit apparatus. 2,169,307; Aug. 15.
Tunis, Howard H., Baltimore, and W. E. Blake, Baltimore County, Md. Type frame for proving presses. 2,146,036; Feb. 7.
Tunks, Charles E. (See Seaton, A. E., and Tunks.)
Tuot, Raymond A., assignor of one-half to Société Auxiliaire d'Etudes Electrochniques, Strasbourg, France, and one-half to Société Suisse d'Electricté et de Traction, Basel, Switzerland. Railway signaling device. 2,154,877; Apr. 18.
Tupper, Charles E. (See Strand, A. O., and Tupper.)
Turbo-Mixer Corporation, The. (See MacLean, Gordon, assignor.)
Turbo-Mixer Corporation, The. (See Petry, Clayton H., assignor.)
Turbulayr Products Limited. (See Oliver, William, assignor.)
Turchenko, Theodore, Lisle, Ill. Device for treating honey. 2,161,113; June 6.
Turchenko, Theodore, Lisle, Ill. Combined vehicle and beehive. 2,169,858; Aug. 15.
Turck, Joseph A. V. (See Niemann, F. A., and Turck.)
Turco, Louis D., Newark, N. J. Self-anchoring ceiling and wall tile. 2,175,070; Oct. 3.
Turgard, Inc. (See Kilburg, James, assignor.)
Turin, David (See Zeligman, R., and Turin.)
Turk, Edward W., et al. (See Kors, Henry F., assignor.)
Türk, Johannes, Berlin-Kopenick, and H. Brede, Berlin-Niederschoneweide, Germany, assignors to General Electric Company. High-frequency cable. 2,167,538; July 25.
Turkel, Henry, Detroit, Mich. Side view reflector for vehicles. 2,174,768; Oct. 3.
Turkington, Victor H., Caldwell, N. J., assignor to Bakelite Corporation, New York, N. Y. Producing molded articles under heat and pressure. 2,183,857; Dec. 19.
Turkington, Victor H., Caldwell, and W. H. Butler, Palisades Park, N. J., assignors to Bakelite Corporation, New York, N. Y. Oil-soluble resin. 2,167,094; July 25.

Turkington, Victor H., Caldwell, and W. H. Butler, Arlington, N. J., assignors to Bakelite Corporation, New York, N. Y. Phenolic resinous product. 2,173,346; Sept. 19.
Turkovich, Stephen, Pittsburgh, Pa. Seacraft. 2,159,410; May 23.
Turlay, Joseph D., Flint, assignor to General Motors Corporation, Detroit, Mich. Valve operating mechanism. 2,142,224; Jan. 3.
Turlay, Joseph D., Flint, assignor to General Motors Corporation, Detroit, Mich. Valve operating mechanisms for engines. 2,175,451; Oct. 10.
Turnbow, Grover D., Oakland, Calif. Medicinal compound and preparing same. 2,175,980; Oct. 10.
Turnbull Cone & Machine Company. See Turnbull, Francis W., assignor.)
Turnbull, David C., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Apparatus for abrasively treating metallic objects. 2,154,878; Apr. 18.
Turnbull, David C., assignor to American Foundry Equipment Company, Mishawaka, Ind. Apparatus for treating metal articles. 2,154,879; Apr. 18.
Turnbull Elevator Company Limited. (See Crane, Harold C., assignor.)
Turnbull, Francis W., assignor to Turnbull Cone & Machine Company, Chattanooga, Tenn. Ice cream cone. 2,155,106; Apr. 18.
Turnbull, George W., assignor to Michigan Book Binding Company, Detroit, Mich. Display device. 2,146,387; Feb. 7.
Turner, C. E., Incorporated. (See Turner, Clarence E., assignor.)
Turner, Charles E., Forest Hill, London, England. Serviette-folding machine. 2,183,497; Dec. 12.
Turner, Charles H., Statesville, N. C. Feeding mechanism for threshers. 2,152,393; Mar. 28.
Turner, Charles S., Detroit, Mich. Boiler construction. 2,152,935; Apr. 4.
Turner, Charles S., Detroit, Mich. Flash boiler. 2,166,188; July 18.
Turner, Clarence E., assignor to C. E. Turner, Incorporated, Washington, D. C. Corrective footwear. 2,160,238; May 30.
Turner, Edward T., Dayton, Ohio. Method and apparatus for conditioning air. 2,144,169; Jan. 17.
Turner, Edward T., Dayton, Ohio. Apparatus for effecting refrigeration. 2,151,948; Mar. 28.
Turner, Edward T., Dayton, Ohio. Method and apparatus for converting heat energy into mechanical energy. 2,151,949; Mar. 28.
Turner, Edward T., Dayton, Ohio. Automobile. 2,152,573; Mar. 28.
Turner, Edward T., Dayton, Ohio. Air conditioning apparatus. 2,152,574; Mar. 28.
Turner, Edwin A. (See Surdy, C. J., and Turner.)
Turner, Edwin A., assignor, by mesne assignments, to The Standard Stoker Company, Inc., New York, N. Y. Stoker. 2,152,510; Mar. 28.
Turner, Edwin A., assignor, by mesne assignments, to The Standard Stoker Company, Inc., New York, N. Y. Locomotive stoker. 2,177,794; Oct. 31.
Turner, Edwin A., New York, N. Y., and C. R. Davison, Erie, Pa., assignors, by mesne assignments, to The Standard Stoker Company, Inc. Control valve. 2,181,840; Nov. 28.
Turner, Edwin A., New York, and C. J. Surdy, Tuckahoe, N. Y., assignors to The Standard Stoker Company, Incorporated. Locomotive and stoker therefor. 2,182,506;; Dec. 5.
Turner, Edwin E., Jr., West Roxbury, assignor to Submarine Signal Company, Boston, Mass. Magnetostrictive vibrator. 2,160,007; May 30.
Turner, Estey M., Arcadia, Calif. Display device. 2,159,461; May 23.
Turner, George F. (See Harper, P. S., and Turner.)
Turner, Giles M., Milwaukee, Wis. Standardized shop equipment. 2,148,090; Feb. 21.
Turner, Harrison I., and E. R. Freeberg, Moline, Ill., assignors, by mesne assignments, to Eagle Signal Corporation, Newton, Mass. Signal controlling mechanism and system. 2,143,668; Jan. 10.
Turner, Henry C., Salford, Manchester, and T. C. Nuttall, South Norwood, London, assignors to the General Electric Company Limited, London, England. Electric micrometer. 2,154,156; Apr. 11.
Turner, Hubert S., New York, N. Y. Automatic electric control for liquid burners. 2,169,077; Aug. 8.
Turner, James O. (See Cantrell, T. L., and Turner.)
Turner, John H., Abingdon, Berkshire, England. Shaft for golf clubs. 2,155,517; Apr. 25.
Turner, Ralph R., Warwick, and F. W. Sullivan, Cranston, R. I., assignors to United Wire & Supply Corporation. Coiling apparatus. 2,179,389; Nov. 7.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Weft replenishing shuttle changing loom. Re. 21,283; Nov. 28.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Multishuttle box. 2,156,885; May 2.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Pattern control for shuttle changing mechanism. 2,162,289; June 13.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Revoker for weft replenishing loom. 2,162,290; June 13.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Antiturning bobbin for automatic looms. 2,172,335; Sept. 5.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Shuttle for thread cutting mechanism. 2,172,336; Sept. 5.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread cutter for bobbin changing looms. 2,173,987; Sept. 26.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Thread tension unit for shuttles. 2,179,359; Nov. 7.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Spindle mounting for loom shuttles. 2,184,026; Dec. 19.
Turner, Richard G., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Cooling means for picker spindles. 2,184,027; Dec. 19.
Turner, Rodolphus K. (See Crawford, E. T., Jr., and Turner.)
Turner, Russell J., Butler, Pa., assignor to Belden Manufacturing Company, Chicago, Ill. Electric connector plug assembling machine. 2,163,716; June 27.
Turner Tanning Machinery Company, The. (See Boettger, Oskar, assignor.)
Turner Tanning Machinery Company, The. (See Merenda, Paul V. J., assignor.)
Turner Tanning Machinery Company, The. (See Schettler, Gustav A., assignor.)
Turner, Thomas A. (See Stanley, Charles H., assignor.)
Turner, Wellmore B., executor, et al. (See Sherman, John Q.)
Turner, William D., assignor to H. C. Bugbird Company, Inc., New York, N. Y. Production of strontium nitrate. 2,158,162; May 16.
Turner, William E., assignor to O. B. Andrews Company, Chattanooga, Tenn. Octagonal box. 2,147,563; Feb. 14.
Turner, William G., Brooklyn, N. Y. Tooth filling. 2,178,821; Nov. 7.
Turner, William L. (See Blackwell, H. A., and Turner.)
Turney, Eugene T., Holmes, N. Y. Photometer. 2,153,165; Apr. 4.
Turney, Harry L., assignor to Patents & Royalties Corporation, Los Angeles, Calif. Power drive. 2,160,447; May 30.
Turnham, Fred B., Long Lake, Minn. Reversible disk excavating machine. 2,178,731; Nov. 7.
Turpan, James, Paterson, N. J. Inseam measuring apparatus. 2,178,658; Nov. 7.
Turpan, James, Paterson, N. J. Inseam measuring device. 2,182,953; Dec. 12.
Turrentine, John W., Washington, D. C. Making calcium phosphate products. 2,170,843; Aug. 29.
Turrettini, Fernand, Bellevue-Geneva, assignor to the firm Societe Genevoise d'Instruments de Physikue, Geneva, Switzerland. Machine-tool spindle. 2,164,129; June 27.
Turrettini, Fernand, Bellevue-Geneva, assignor to the firm Société Genevoise d'Instruments de Physique, Geneva, Switzerland. Grinding machine. 2,174,146; Sept. 26.
Turshin, Frank. (See Edwards, Judson T. and C.)
Turton, Matthew. (See Riley, J. W., and Turton.)
Tusing, Roy S., Turtle Creek, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2.175.859; Oct. 10.
Tussing, Glen H., San Benito, Tex. Make-up mirror. 2,161,730; June 6.
Tusty, Julius, Sr., New York, N. Y. Noise eliminator for lever action of grand pianos. 2,176,648; Oct. 17.
Tutein, Paul, deceased, Copenhagen, Denmark, by Kamma Tutein, Copenhagen, Denmark. Pleated material and making the same. 2,164,966; July 4.
Tuthill, Howard B., and H. F. Caldwell, assignors to Oliver Machinery Company, Grand Rapids, Mich. Knife adjustment in bread slicing machines. 2,143,460; Jan. 10.
Tuthill, Howard B., and H. F. Caldwell, assignors to Oliver Machinery Company, Grand Rapids, Mich. Safety control for bread slicing machines. 2,147,322; Feb. 14.
Tuthill, Howard B., and H. F. Caldwell, assignors to Oliver Machinery Company, Grand Rapids, Mich. Automatic bread slicing machine. 2,162,138; June 13.
Tuthill, Howard B., and H. F. Caldwell, assignors to Oliver Machinery Company, Grand Rapids, Mich. Combination bread slicing and wrapping machine. 2,170,312; Aug. 22.
Tuthill Pump Company. (See Huber, Matthew W., assignor.)
Tuthill Pump Company. (See Kempton, H. E., and Huber, assignors.)
Tuttein, Kamma. (See Tutein, Paul.)
Tuttle & Bailey, Inc. (See Anderson, Hilding, assignor.)
Tuttle & Bailey, Inc. (See Hart, Stanley, assignor.)
Tuttle, Charles J., Newton Center, assignor to Gillette Safety Razor Company, Boston, Mass. Protected blade and packet. 2,150,592; Mar. 14.

Tuttle, Edward J., Waterbury, Conn., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Apparatus for shaping fastener elements. 2,133,373; Dec. 12.
Tuttle, Fordyce, and J. S. Beggs, assignors to Eastman Kodak Company, Rochester, N. Y. Telescoping tripod leg. 2,165,426; July 11.
Tuttle, John B., Elizabeth, N. J., assignor to Standard Oil Development Company. Phthalic acid esters. 2,166,934; July 25.
Tuttle, John H., assignor to Checker Cab Manufacturing Corporation, Kalamazoo, Mich. Roof ventilator for cabs. 2,173,890; Sept. 26.
Tuttle, John R., Summit, N. J., assignor to General Chemical Company, New York, N. Y. Inhibitor. 2,146,162; Feb. 7.
Tuttle, John R., Summit, N. J., assignor to General Chemical Company, New York, N. Y. Ore concentration by flotation. 2,146,163; Feb. 7.
Tuttle, Malcolm H., New Rochelle, assignor to Max B. Miller & Co., Inc., New York, N. Y. Oil treating process. 2,149,322; Mar. 7.
Tuttle, Malcolm H., New Rochelle, assignor to Max B. Miller & Co., Inc., New York, N. Y. Solvent and treating mineral oils. 2,149,323; Mar. 7.
Tuttle, Malcolm H., New Rochelle, assignor to Max B. Miller & Co., Inc., New York, N. Y. Separation of mineral oil. 2,153,353; Apr. 4.
Tuttle, William R., and C. W. Stickel, assignors to The Kurlash Company, Inc., Rochester, N. Y. Scissor toy. 2,159.060; May 23.
Tux Incorporated. (See Wells, Ruth T., assignor.)
Tüxen, Otto, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Noise reduction circuits. 2,173,925; Sept. 26.
Tüxen, Otto. (See Ewald, W. F., Wilhelm, Pitsch, and Tüxen.)
Tweed, Frederick H., assignor to The Dole Valve Company, Chicago, Ill. Draft arm assembly for dispensing liquids. 2,148,662; Feb. 28.
Tweed, Frederick H., assignor to The Dole Valve Company, Chicago, Ill. Soda fountain. 2,157,154; May 9.
Tweed, Frederick H., assignor to The Dole Valve Company, Chicago, Ill. Carbonating device. 2,172,420; Sept. 12.
Tweedale, Ralph L. (See Rose, E. L., and Tweedale.)
Tweedale, Ralph L., Dayton, Ohio. Clock. 2,145,018; Jan. 24.
Tweedale, Ralph L., Detroit, Mich. Tooth brush. 2,159,914; May 23.
Tweedale, Ralph L., assignor to The Waterbury Tool Company, Waterbury, Conn. Power transmission. 2,146,133; Feb. 7.
Twele, Otto, Berlin, Germany. Advertising apparatus. 2,165,736; July 11.
Twentieth Century-Fox Film Corporation. (See Laube, G., Stevens, and Miller, assignors.)
Twentieth Century-Fox Film Corporation. (See Stack, John D., assignor.)
Twigg, Ernest, assignor to Landers, Frary & Clark, New Britain, Conn. Valve. 2,154,880; Apr. 18.
Twin Coach Company. (See Fageol, William B., assignor.)
Twin Disc Clutch Company. (See Batten, Percy H., assignor.)
Twin Disc Clutch Company. (See Morris, Donald W., assignor.)
Twin Disc Clutch Company. (See Dunkelow, Henry J., assignor.)
Twining, Charles, Garden City, Long Island, N. Y. Airplane. 2,176,476; Oct. 17.
Twining, Ralph H., Arden, assignor to Darco Corporation, Wilmington, Del. Process and apparatus for preparing activated carbon. 2,166,225; July 18.
Twitchell, Frank T., Tinnie, N. Mex. Hand cabbage setter. 2,165,821; July 11.
Twomey, Lee S., Vista, Calif. Method of and apparatus for separating mixed gases and vapors. 2,146,197; Feb. 7.
Twomey, Nora M., New York, N. Y. Support rack. 2,184,536; Dec. 26.
Twomley, Herbert E., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Shook selector for box-making machines. 2,144,821; Jan. 24.
Twomley, Herbert E., Riverside, Calif., assignor to Acme Steel Company, Chicago, Ill. Box strapping machine. 2,145,465; Jan. 31.
Twomley, Herbert E., Riverside, assignor to Food Machinery Corporation, San Jose, Calif. Nailing machine. 2,181,634; Nov. 28.
Twyman, B. Wickliffe, assignor to Lavine Gear Company, Milwaukee, Wis. Steering gear. 2,168,659; Aug. 8.
Tybrick Corporation. (See Breakey, George B., assignor.)
Tyden, Emil, Hastings, Mich. Control valve. 2,148,383; Feb. 21.
Tydon, Walter. (See Berlin, D. R., Watson, and Tydon.)
Tye, James P., Albany, Ga. Blood pressure cuff. 2,161,393; June 6.
Tyler Fixture Corporation. (See Shreve, Clifford B., assignor.)
Tyler Fixture Corporation, The. (See Ward, James H., Jr., assignor.)
Tyler, John M., Birmingham, and T. C. Van Degrift, assignors to General Motors Corporation, Detroit, Mich. Torsional vibration suppressor. 2,159,235; May 23.
Tyler, Kingdon S., Bloomfield, assignor to Eclipse Aviation Corporation, East Orange, N. J. Automatic ice removal. 2,159,186; May 23.
Tyler, Leslie A., Dunmore, Pa. Cleaning and polishing device. 2,159,719; May 23.
Tyler, Ransom, Greenfield, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic drive. 2,164,599; July 4.
Tyler, Ransom, Greenfield, assignor to The Oilgear Company, Milwaukee, Wis. Hydraulic drive for winding apparatus. 2,164,600; July 4.
Tyler, Tracy B. (See Aspinwall, R. B., and Tyler.)
Tyler, Tracy B., Detroit, Mich., assignor to The Monopower Corporation. Transmission. 2,151,950; Mar. 28.
Tyler, Waldo E., Kansas City, Mo., and P. R. Chamberlain and R. A. Loveland, Dewey, Okla., assignors to Dewey Portland Cement Company, Kansas City, Mo. Manufacture of rock wool. 2,155,107; Apr. 18.
Tyler, William C., assignor to William E. Pratt Mfg. Co., Joliet, Ill. Bumper type auto jack. 2,155,157; Apr. 18.
Tyre, Alexander T., Ardrossan, Ayrshire, Scotland, assignor to Imperial Chemical Industries Limited. Nondetonating blasting explosive. 2,154,416; Apr. 11.
Tyrner, Joseph. (See Tisza, E. E., and Tyrner.)
Tyrrell, Donald W., Clinton, W. J. Officer, Hampden, and B. A. Seaver, Springfield, assignors to Blake Manufacturing Corporation, Clinton, Mass. End cap and hanger for flashlights. 2,147,471; Feb. 14.
Tyson, Levi D. (See Foster, W. H., and Tyson.)
Tyson, Miller S., Canton, Ohio. Awning. 2,168,811; Aug. 8.
Tyson Roller Bearing Corporation. (See Winkler, George D., assignor.)
Tyssowski, John, Dobbs Ferry, N. Y. Producing metallic articles substantially free from impurities. 2,150,470; Mar. 14.
U. M. A. Inc. (See Israel, John J., assignor.)
U S L Battery Corporation. (See Cantoni, Humbert, assignor.)
USL Battery Corporation. (See Reid, Albert R., assignor.)
Ubbelohde, Leo, Berlin-Charlottenburg, Germany. Manufacture of improved products of cellulose and cellulose derivatives. 2,155,067; Apr. 18.
Ubben, Richard T., Berea, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Moisture-proof coating. 2,147,180; Feb. 14.
Ubbink, Johan B., Doesburg, Netherlands. Machine for raising the pile of pile fabrics. 2,173,404; Sept. 19.
Uchiumi, Yonai, Kanda-ku, Tokyo-shi, Japan. Abdominal exerciser. 2,179,908; Nov. 14.
Uchtorff, Albert F. (See Petskeyes, C. H., and Uchtorff.)
Udale, Stanley M., assignor to George M. and Earl Holley Engineering, Detroit, Mich., a trust. Carburetor. 2,145,672; Jan. 31.
Udell, Arthur, Sayville, N. Y. Rule device. 2,142,387; Jan. 3.
Udell, Louis N., assignor to Barrett-Udell Company, Chicago, Ill. Method of and apparatus for making ice. 2,149,000; Feb. 28.
Udey, Lois. (See Greene, M., and Udey.)
Udstad, Sigvald. (See Thompson, J. B. D., and Udstad.)
Udstad, Sigvald, Berwick, Pa., assignor to American Car and Foundry Company, New York, N. Y. Venetian blind. 2,164,556; July 4.
Udy, Marvin J., Niagara Falls, N. Y. Making sodium chromates. 2,176,685; Oct. 17.
Udy, Marvin J., Niagara Falls, N. Y. Chromium alloy steel manufacture. 2,176,686; Oct. 17.
Udy, Marvin J., Niagara Falls, N. Y. Chrome alloy making. 2,176,687; Oct. 17.
Udy, Marvin J., Niagara Falls, N. Y. Chromium metallurgy. 2,176,688; Oct. 17.
Udy, Marvin J., Niagara Falls, N. Y. Making alloys containing iron, chromium, silicon, and carbon from chromite ores. 2,176,689; Oct. 17.
Udylite Company. (See Trudeau, John F., assignor.)
Uebergang, Oscar E., Benton, Ark. Supporting bow. 2,172,303; Sept. 5.
Uebermuth, Werner. (See Stablein, W., Willheim, and Uebermuth.)
Uemura, Taiji, Kinuta-Mura, Kita-Tama-Gun, Tokyo-fu, Japan. Automatically and continuously working phonograph. 2,178,978; Nov. 7.
Ufer, Hanns. (See Krzikalla, H., Ufer, Eistert, and Klaproth.)
Ufer, Hanns, Ludwigshafen-on-the-Rhine, Germany, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Oxidation of vinyl sulphides. 2,163,180; June 20.
Ufficio Tecnico Industriale Tessili Artificiali. (See Antonelli, Leonida, assignor.)
Uhde, Friedrich. (See Pfirrmann, Theodor W., assignor.)
Uher, Edmond, Munich, Germany, assignor to the Firm P A G Patentgesellschaft A. G., Zurich, Switzerland. Device for continuously registering the revolutions of an internal combustion engine in consideration of the actual load. 2,159,236; May 23.
Uhertype Aktiengesellschaft of Kubli House. (See Wenczler, Lajos, assignor.)
Uhl, Otto, Jr., East Elmhurst, N. Y. Hand printing stamp. 2,176,160; Oct. 17.
Uhlemann Optical Co. of Illinois. (See Uhlemann, William R., assignor.)

Uhlemann, William R., Evanston, assignor to Uhlemann Optical Co. of Illinois, Chicago, Ill. Lens mounting. 2,164,557; July 4.
Uhler, Frank G., Newburgh, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Dull finish coated fabric and making the same. 2,169,200; Aug. 8.
Uhler, Wilmer P. (See Swartz, T. A., and Uhler.)
Uhley, Mark M., Sioux Falls, S. Dak. Coat sleeve form. 2,155,812; Apr. 25.
Uhlig, George J., assignor to Victor Adding Machine Company, Chicago, Ill. Control mechanism. 2,149,371; Mar. 7.
Uhlig, Herbert H., Cambridge, Mass., assignor to The Chemical Foundation, Incorporated, New York, N. Y. Corrosion-resistant ferrous alloys. 2,172,422; Sept. 12.
Uhlig, Herbert H., Cambridge, Mass., assignor to The Chemical Foundation, Incorporated, New York, N. Y. Corrosion-resistant ferrous alloys. 2,172,422; Sept. 12.
Uhlig, Herbert H. (See Wulff, J. C., and Uhlig.)
Uhlmann, Wolfram, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Lorenzweg, Germany. Braun tube. 2,184,821; Dec. 26.
Uhri, Henry A., et al. (See Uhri, William C., Jr., assignor.)
Uhri, William C., Jr., assignor to W. L. Chambers and H. A. Uhri, St. Louis, Mo. Shelving. 2,177,678; Oct. 31.
Uhrig, Leo V., Houston, Tex., assignor to Standard Oil Development Company. Borehole thermometer. 2,183,126; Dec. 12.
Uksila, William J., Spokane, Wash. Air control device. 2,168,690; Aug. 8.
Ulbrich, Max. (See Niessen, H., and Ulbrich.)
Ulbricht, Gunther. (See Bartels, H., and Ulbricht.)
Uline, Migiel J., Washington, D. C. Ice can. Re. 21,249; Oct. 24.
Uline, Migiel J., Washington, D. C. Machine for cutting blocks of ice into small cubes. 2,177,445; Oct. 24.
Ulinski, Bronislaus, Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Power steering mechanism. 2,167,224; July 25.
Ulinski, Bronislaus, Chicago, Ill., assignor to The Yale & Towne Manufacturing Company, Stamford, Conn. Wheel construction. 2,173,737; Sept. 19.
Ullman, Howard M., Bluffton, Ind. Grain conveyor. 2,153,703; Apr. 11.
Ullman, Roy. (See Green, J. R., Krogh, Moore, and Ullman.)
Ullman, Roy, Roslyn, assignor to The Brown Instrument Company, Philadelphia, Pa. Thermometric means. 2,156,826; May 2.
Ullman, Roy, Roslyn, assignor to The Brown Instrument Company, Philadelphia, Pa. Fluid actuated relay apparatus. 2,172,599; Sept. 12.
Ullmann, Harry M., Bethlehem, Pa. Bunsen and similar burner. 2,171,816; Sept. 5.
Ullstrand, Hugo M., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,146,078; Feb. 7.
Ullstrand, Hugo M., Evansville, Ind., assignor to Servel Inc., New York, N. Y. Refrigeration. 2,151,451; Mar. 21.
Ullstrand, Hugo M., and A. R. Thomas, Evansville, Ind., assignors to Servel, Inc., New York, N. Y. Refrigeration. 2,164,045; June 27.
Ullstrand, Hugo M., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Air conditioning. 2,179,734; Nov. 14.
Ullstrand, Hugo M., Evansville, Ind., assignor to Servel, Inc., New York, N. Y. Refrigeration. 2,184,726; Dec. 26.
Ulmer, Joseph, Chicago, Ill. Combination sink stopper and strainer. 2,166,273; July 18.
Uloth, Robert. (See Mueller-Cunradi, M., and Uloth.)
Ulrey, Dayton, Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. High current impulse device. 2,147,472; Feb. 14.
Ulrich, Carl E., Modesto, Calif. Placing expansion joint filler. 2,148,595; Feb. 28.
Ulrich, Emery G., Lakewood, Ohio. Truck anchor. 2,169,508; Aug. 15.
Ulrich, Frederick. (See Wintritz, G., and Ulrich.)
Ulrich, Heinrich, Ludwigshafen-on-the-Rhine, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Polyoxyalkylene ammonium compounds and preparing them. 2,185,163; Dec. 26.
Ulrich, Heinrich, Ludwigshafen-on-the-Rhine, and H. Baehr and W. Wenzel, Leuna, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Removing weak gaseous acids from gases containing the same. 2,143,393; Jan. 10.
Ulrich, Heinrich, and P. Koerding, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing urethane substances containing carboxyl or sulphonic acid groups. 2,157,362; May 9.
Ulrich, Heinrich and E. Ploetz, Ludwigshafen-on-the-Rhine, and M. Bögemann, Cologne-Mulheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing halogen alkyl amines or their salts. 2,163,181; June 20.
Ulrich, Heinrich, and K. Saurwein, Ludwigshafen-on-the-Rhine, P. Goldacker, Dessau-Haideburg, and G. L. Maiser, Dessau, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Photographic treating bath. 2,168,181; Aug. 1.
Ulrich, Heinrich, and E. Ploetz, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing quaternary ammonium bases. 2,173,069; Sept. 12.
Ulrich, Heinrich, and R. Fick, Ludwigshafen-on-the-Rhine, and H. Baehr and W. Wenzel, Leuna, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Removal of gaseous weak acid from gases containing the same. 2,176,441; Oct. 17.
Ulrich, Heinrich, Ludwigshafen-on-the-Rhine, and W. Harz, Dormagen, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Polymerization of ethylene imines. 2,182,306; Dec. 5.
Ultrad Products, Incorporated. (See Arden, Thomas R., assignor.)
Ultra Modern Piano Bench Company. (See Crawford, Monroe L., assignor.)
Umansky, Leonid A., Schenectady, N. Y., assignor to General Electric Company. Run-out table drive. 2,176,039; Oct. 10.
Umphres, Thomas J., George West, Tex. Pipe racker. 2,162,653; June 13.
Una Welding, Inc. (See Bereit, Herbert C., assignor.)
Una Welding, Inc. (See Burgett, Lynn S., assignor.)
Unckel, Herman, Finspong, Sweden. Drawing disk. 2,150,734; Mar. 14.
Underdorfel, Oscar H., Holyoke, Mass. Automobile lighting device. 2,164,149; June 27.
Underpinning & Foundation Company. (See Lewers, George R., assignor.)
Underpinning & Foundation Co. (See Raisch, William, assignor.)
Underwood, Arthur F., assignor, by mesne assignments, to General Motors Corporation, Detroit, Mich. Steam heating system. 2,153,108; Apr. 4.
Underwood, Arthur J. V., London, England. Gas and liquid contact apparatus. 2,180,888; Nov. 21.
Underwood, Benjamin F. (See Roper, A. J., McCall, and Underwood.)
Underwood Electric & Mfg. Co. Inc. (See Johnson, Lawrence C., assignor.)
Underwood Elliott Fisher Company. (See Anderson, Walter A., assignor.)
Underwood Elliott Fisher Company. (See Becker, Fred, assignor.)
Underwood Elliott Fisher Company. (See Dobson, William A., assignor.)
Underwood Elliott Fisher Company. (See Edmunds, Guy W., assignor.)
Underwood Elliott Fisher Company. (See Foothorap, Harry A., assignor.)
Underwood Elliott Fisher Company. (See Griswold, William B., assignor.)
Underwood Elliott Fischer Company. (See Helmond, William F., assignor.)
Underwood Elliott Fisher Company. (See Kupetz, Adolph G., assignor.)
Underwood Elliott Fisher Company. (See Kurowski, Alfred G. F., assignor.)
Underwood Elliot Fisher Company. (See Neidich, Samuel A., assignor.)
Underwood Elliott Fisher Company. (See Nelson, Talbert G., assignor.)
Underwood Elliott Fisher Company. (See Pitman, Henry L., assignor.)
Underwood Elliott Fisher Company. (See Sagner, Walter T., assignor.)
Underwood Elliott Fisher Company. (See Smith, Jesse A. B., assignor.)
Underwood Elliott Fisher Company. (See Sterling, Gordon H., assignor.)
Underwood Elliott Fisher Company. (See Stickney, Burnham C., assignor.)
Underwood Elliott Fisher Company. (See Sundstrand, Oscar J., assignor.)
Underwood Elliott Fisher Company. (See Taggart, Van H., assignor.)
Underwood Elliott Fisher Company. (See Thompson, Russell G., assignor.)
Underwood Elliott Fisher Company. (See Wise, Elmer L., assignor.)
Underwood Elliott Fisher Company. (See Yaeger, Harry C., assignor.)
Underwood, Howard C., New York, N. Y. Wearing apparel and making the same. 2,163,717; June 27.
Underwood, Howard C., Flushing, N. Y. Article of attire. 2,163,718; June 27.
Underwood, John A., Evanston, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Cooking range. 2,159,575; May 23.
Underwood, John A., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Hot blast cooking attachment for heating stoves. 2,159,576; May 23.
Underwood, Leeman R., assignor of one-half to G. L. and C. V. Thompson, Ada, Okla. Paraffin scraper. 2,146,363; Feb. 7.
Underwood, Roy C., Sydney, New South Wales, Australia. Bunsen burner. 2,184,203; Dec. 19.

Underwood, William F., Buffalo, N. Y., and H. S. Rothrock, assignors, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Cellulosic pellicles and producing same. 2,170,827; Aug. 29.
Ungar, Gustave A., Pelham Manor, assignors to S. & S. Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Cutting machine. 2,149,822; Mar. 1.
Ungar, Gustave A., Pelham Manor, assignor to S & S Corrugated Paper Machinery Co., Inc., Brooklyn, N. Y. Rotary knife. 2,153,013; Apr. 4.
Unge, Nils W., Stockholm, Sweden. Method and apparatus for effecting circulation of a liquid in a pipe system. 2,170.225; Aug. 22.
Unger, Chester E., assignor to The American Foundry Equipment Company, Mishawaka, Ind. Centrifugal abrasive projecting machine. 2,162,139; June 13.
Unger, Gilbert C., Jr., Hyattsville, Md. Treating liquids and gases. 2,174,147; Sept. 26.
Unger, Paul O., Elmhurst, assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,148,789; Feb. 28.
Unger, Paul O., Elmhurst, assignor to Wilson-Jones Company, Chicago, Ill. Binder. 2,151,539; Mar. 21.
Unger, Paul O., Elmhurst, assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,157,721; May 9.
Unger, Paul O., Elmhurst, assignor to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,164,967; July 4.
Unger, Paul O., Glen Ellyn, and J. H. Talmage, assignors to Wilson-Jones Company, Chicago, Ill. Cabinet. 2,167,013; July 25.
Unger, Paul O., Elmhurst, assignor to Wilson-Jones Company, Chicago, Ill. Cabinet. 2,184,822; Dec. 26.
Unger, Paul O., Elmhurst, and J. H. Talmage, assignors to Wilson-Jones Company, Chicago, Ill. Loose leaf binder. 2,178,767; Nov. 7.
Ungerer, Fritz, Pforzheim, Germany. Apparatus for straightening hot plates. 2,144,783; Jan. 24.
Ungerleider, Samuel, et al. (See Lotz, Rudolph W., assignor.)
Unglaube, Emil, and G. Kiehlmann, Glogau, Germany. Projection apparatus for a small planetarium. 2,178,352; Oct. 31.
"Unichem" Chemikalien Handels A.-G. (See Neu, Richard, assignor.)
"Unichem" Chemikalien Handels A.-G. (See Schrauth, Walther, assignor.)
"Unichem" Chemikalien Handels A.-G. (See Schrauth, W., and Schirm, assignors.)
Uniflow Pump Company. (See Murray, Howard S., assignor.)
Unifloc Reagents Limited. (See Samuel, John O., assignor.)
Union Asbestos & Rubber Company. (See Cryor, Robert E., assignor.)
Union Asbestos & Rubber Company. (See Lundvall, John S., assignor.)
Union Asbestos & Rubber Company. (See Mosier, C., and Mohun, assignors.)
Union Bag & Paper Corporation. (See Avery, True M., assignor.)
Union Carbide and Carbon Corporation. (See Becket, Frederick M., assignor.)
Union Carbide and Carbon Corporation. (See Bucknam, J. H., and Miller, assignors.)
Union Carbide and Carbon Corporation. (See Chaney, N. K., and Kiefer, assignors.)
Union Carbide and Carbon Corporation. (See Clapsadle, L. J., and Tenney, assignors.)
Union Carbide and Carbon Corporation. (See Cox, Henry L., assignor.)
Union Carbide and Carbon Corporation. (See Dana, L. I., and Hansen, assignors.)
Union Carbide and Carbon Corporation. (See Domizi, Dario, assignor.)
Union Carbide and Carbon Corporation. (See Dorcas, Merrill J., assignor.)
Union Carbide and Carbon Corporation. (See Drummond, Price, assignor.)
Union Carbide and Carbon Corporation. (See Franks, Russell, assignor.)
Union Carbide and Carbon Corporation. (See Frazier, Ralph B., assignor.)
Union Carbide and Carbon Corporation. (See Geibig, F. C., and Jacobson, assignors.)
Union Carbide and Carbon Corporation. (See George, Harry S., assignor.)
Union Carbide and Carbon Corporation. (See Graubner, Herman G., assignor.)
Union Carbide and Carbon Corporation. (See Graubner, H. G., and Saurwein, assignors.)
Union Carbide and Carbon Corporation. (See Groff, Frazier, assignor.)
Union Carbide and Carbon Corporation. (See Heise, G. W., and Schumacher, assignors.)
Union Carbide and Carbon Corporation. (See Hofmann, Harry E., assignor.)
Union Carbide and Carbon Corporation. (See Hutchison, Frank C., assignor.)
Union Carbide and Carbon Corporation. (See Jones, Homer W., assignor.)
Union Carbide and Carbon Corporation. (See Jones, L. T., Kennedy, and Rotermund, assignors.)
Union Carbide and Carbon Corporation. (See Kehl, Robert J., assignor.)
Union Carbide and Carbon Corporation. (See Keir, James M., assignor.)
Union Carbide and Carbon Corporation. (See Kennedy, H. E., Rotermund, and Jones, assignors.)
Union Carbide and Carbon Corporation. (See Kinzel, Augustus B., assignor.)
Union Carbide and Carbon Corporation. (See Kip, Henry E., assignor.)
Union Carbide and Carbon Corporation. (See Lytle, A. R., and Morton, assignors.)
Union Carbide and Carbon Corporation. (See Morton, William, assignor.)
Union Carbide and Carbon Corporation. (See Moss, Herbert H., assignor.)
Union Carbide and Carbon Corporation. (See Nicolson, James G., assignor.)
Union Carbide and Carbon Corporation. (See Oldham, Samuel R., assignor.)
Union Carbide and Carbon Corporation. (See Peterson, Arvid L., assignor.)
Union Carbide and Carbon Corporation. (See Rockefeller, Harry E., assignor.)
Union Carbide and Carbon Corporation. (See Rowland, W. B., and Linden, assignors.)
Union Carbide and Carbon Corporation. (See Smith, G. H., and Jacobsson, assignors.)
Union Carbide and Carbon Corporation. (See Smith, Ralph R., assignor.)
Union Carbide and Carbon Corporation. (See Williams, Duncan B., assignor.)
Union Carbide and Carbon Corporation. (See Young, Lloyd W., assignor.)
Union Carbide and Carbon Corporation. (See Yngve, Victor, assignor.)
Union Carbide and Carbon Research Laboratories, Inc. (See Erasmus, Hendrik D., assignor.)
Union Carbide and Carbon Research Laboratories, Inc. (See Jones, Lloyd T., assignor.)
Union Carbide and Carbon Research Laboratories, Inc. (See Vaughn, Thomas H., assignor.)
Union Carbide and Carbon Research Laboratories. (See Vaughn, T. H., and Jackson, assignors.)
Union City Body Company. (See Bromagem, Irl R., assignor.)
Union Fork and Hoe Company, The. (See Finkes, George M., assignor.)
Union Ice Company, The. (See Rear, James C., assignor.)
Union Kupplung Aktiengesellschaft. (See Kürtössy, László, assignor.)
Union Lithograph Company, The. (See Le Vesconte, E. L., and Harvey, assignors.)
Union Machinery Company. (See Marasso, Fred, assignor.)
Union Manufacturing Company, The. (See Nelles, Russell E., assignor.)
Union Metal Manufacturing Company, The. (See Orr, C. A., and Riemenschneider, assignors.)
Union Oil Company of California. (See Aldridge, B. G., and Ragatz, assignors.)
Union Oil Company of California. (See Allison, John R., assignor.)
Union Oil Company of California. (See Barnes, C. D., and Wright, assignors.)
Union Oil Company of California. (See Beckwith, Lawton B., assignor.)
Union Oil Company of California. (See Blount, A. L., and Flaxman, assignors.)
Union Oil Company of California. (See Bray, Ulric B., assignor.)
Union Oil Company of California. (See Bray, U. B., and Beckwith, assignors.)
Union Oil Company of California. (See Campbell, J. A., Jr., and Phillips, assignors.)
Union Oil Company of California. (See Carr, D. E., and Wade, assignors.)
Union Oil Company of California. (See Dillon, L., and Swift, assignors.)
Union Oil Company of California. (See Ewing, Frederick J., assignor.)
Union Oil Company of California. (See Flaxman, Marcellus T., assignor.)
Union Oil Company of California. (See Gard, E. W., and Aldridge, assignors.)
Union Oil Company of California. (See Jenkins, Vance N., assignor.)
Union Oil Company of California. (See Jewel, P. W., and Bradley, assignors.)
Union Oil Company of California. (See Merrill, David R., assignor.)
Union Oil Company of California. (See Moore, Charles C., Jr., assignor.)
Union Oil Company of California. (See Nelles, Maurice H., assignor.)
Union Oil Company of California. (See Ott, T. F., Clarke, and Van Marter, assignors.)
Union Oil Company of California. (See Pyle, Howard C., assignor.)
Union Oil Company of California. (See Ragatz, Edward G., assignor.)
Union Oil Company of California. (See Reiber, Harold G., assignor.)
Union Oil Company of California. (See Subkow, Philip, assignor.)

Union Oil Company of California. (See Subkow, P., and Dillon, assignors.)
Union Railway Equipment Company. (See O'Connor, Raymond C., assignor.)
Union Special Machine Company. (See Christen, N. V., and Le Vesconte, assignors.)
Union Special Machine Company. (See Christensen, Norman V., assignor.)
Union Special Machine Company. (See Christensen, N. V., Smith, and Sauer, assignors.)
Union Special Machine Company. (See Hacklander, H., and Le Vesconte, assignors.)
Union Special Machine Company. (See Hacklander, H., and Sauer, assignors.)
Union Special Machine Company. (See Kucera, Frank A., assignor.)
Union Special Machine Company (See Rubel, Charles F., assignor.)
Union Special Machine Company. (See Rubel, C. F., and Smith, assignors.)
Union Special Machine Company. (See Smith, Clarence C., assignor.)
Union Special Machine Company. (See Thompson, Charles S., assignor.)
Union Special Machine Company. (See Thompson, C. S., Kucera, and Riviere, assignors.)
Union Special Maschinenfabrik, G. m. b. H. (See Lutz, Frederick, assignor.)
Union Special Maschinenfabrik G. m. b. H. (See Lutz, Fritz, assignor.)
Union Spring and Manufacturing Company. (See Ruliancich, John J., assignor.)
Union Starch and Refining Company. (See Fetzer, Walter R., assignor.)
Union Starch and Refining Company. (See Stambaugh, Paul H., assignor.)
Union Steam Pump Company. (See Bird, J. C., and Smith, assignors.)
Union Steel Products Company. (See Bitney, Dewey H., assignor.)
Union Steel Products Company. (See Emigholz, Lawrence F., assignor.)
Union Steel Products Company. (See Glezen, Lewis E., assignor.)
Union Steel Products Company . (See Hatch, Charles T., assignor.)
Union Steel Products Company. (See Hatch, C. T., and Swanson, assignors.)
Union Switch & Signal Company, The. (See Agnew, Norman F., assignor.)
Union Switch & Signal Company, The. (See Allen, Earl M., assignor.)
Union Switch & Signal Company, The. (See Allen, E. M., and Thompson, assignors.)
Union Switch & Signal Company. (See Allen, E. M., and Young, assignors.)
Union Switch & Signal Company, The. (See Allison, Leslie R., assignor.)
Union Switch & Signal Company, The. (See Alriq, Hubert, assignor.)
Union Switch & Signal Company, The. (See Baughman, George W., assignor.)
Union Switch & Signal Company, The. (See Bell, Charles W,. assignor.)
Union Switch & Signal Company, The. (See Blosser, Herman G., assignor.)
Union Switch & Signal Company, The. (See Bone, Herbert L., assignor.)
Union Switch & Signal Company, The. (See Bone, H. L., and McGowan, assignors.)
Union Switch & Signal Company, The. (See Bossart, Paul N., assignor.)
Union Switch & Signal Company, The. (See Crago, Paul H., assignor.)
Union Switch & Signal Company, The. (See Cubitt, Roger H., assignor.)
Union Switch & Signal Company, The. (See Culbertson, George A., assignor.)
Union Switch & Signal Company, The. (See Devol, Lee, assignor.)
Union Switch & Signal Company, The. (See Dickinson, L. D., and Bettison, assignors.)
Union Switch & Signal Company, The. (See Dowling, Philip H., assignor.)
Union Switch & Signal Company, The. (See Failor, Charles W., assignor.)
Union Switch & Signal Company, The. (See Fisher, A. W., and Mishelevich, assignors.)
Union Switch & Signal Company, The. (See Grammer, James I., assignor.)
Union Switch & Signal Company. (See Grondahl, Lars O., assignor.)
Union Switch & Signal Company, The. (See Hartley, R. A., and Bouton, assignors.)
Union Switch & Signal Company, The. (See Hines, Claude M., assignor.)
Union Switch & Signal Company, The. (See Hufnagel, Andrew, assignor.)
Union Switch & Signal Company, The. (See Jackel, Arthur P., assignor.)
Union Switch & Signal Company, The. (See Kemmerer, Ralph R., assignor.)
Union Switch & Signal Company, The. (See Kershaw, Arthur G., assignor.)
Union Switch & Signal Company, The. (See Kershaw, Arthur G., and N. G., assignors.)
Union Switch & Signal Company, The. (See Lay, Charles H., assignor.)
Union Switch & Signal Company, The. (See Lazich, B., and Ashworth, assignors.)
Union Switch & Signal Company, The. (See Lazich, B., and Eckhardt, assignors.)
Union Switch & Signal Company, The. (See Lewis, Lloyd V., assignor.)
Union Switch & Signal Company, The. (See Logan, John W., Jr., assignor.)
Union Switch & Signal Company, The. (See Martin, Marcel A., assignor.)
Union Switch & Signal Company, The. (See McCann, Ronald A., assignor.)
Union Switch & Signal Company, The. (See McWhirter, W. C., and Little, assignors.)
Union Switch & Signal Company, The. (See Mickley, Joseph K., assignor.)
Union Switch & Signal Company, The. (See Mishelevich, Benjamin, assignor.)
Union Switch & Signal Company, The. (See Nicholson, Frank H., assignor.)
Union Switch & Signal Company, The. (See O'Hagan, Bernard E., assignor.)
Union Switch & Signal Company, The. (See Ott, Clyde L., assignor.)
Union Switch & Signal Company, The. (See Pelikan, John M., assignor.)
Union Swith & Signal Company, The. (See Penrod, Melvin A., assignor.)
Union Switch & Signal Company, The. (See Pflasterer, George R., assignor.)
Union Switch & Signal Company, The. (See Place, Willard P., assignor.)
Union Switch & Signal Company, The. (See Place, W. P., and Sorensen, assignors.)
Union Switch & Signal Company, The. (See Ryan, Francis J., assignor.)
Union Switch & Signal Company, The. (See Schaefer, Edwin J., assignor.)
Union Switch & Signal Company, The. (See Shaw, Noble C., assignor.)
Union Swith & Signal Company, The. (See Shields, Charles B., assignor.)
Union Switch & Signal Company, The. (See Simmen, Paul J., assignor.)
Union Switch & Signal Company, The. (See Snavely, Clarence S., assignor.)
Union Switch & Signal Company. (See Snavely, C. S., Miller, and Jackel, assignors.)
Union Switch & Signal Company, The. (See Snyder, Mills R., assignor.)
Union Switch & Signal Company, The. (See Sorensen, Andrew J., assignor.)
Union Switch & Signal Company, The. (See Staples, Crawford E., assignor.)
Union Switch & Signal Company, The. (See Stevens, Sydney A., assignor.)
Union Switch & Signal Company, The. (See Stevens, S. A., and Thompson, assignors.)
Union Switch & Signal Company, The. (See Stoker, Paul P., assignor.)
Union Switch & Signal Company, The. (See Thomas, Edward U., assignor.)
Union Switch & Signal Company, The. (See Thompson, Howard A., assignor.)
Union Switch & Signal Company, The. (See Thompson, H. A., and Kemmerer, assignors.)
Union Switch & Signal Company, The. (See Van Aken, Herbert N., assignor.)
Union Switch & Signal Company, The. (See Vanhorn, James J., assignor.)
Union Switch & Signal Company, The. (See Walker, Alec H. B., assignor.)
Union Switch & Signal Company, The. (See Wells, W. B., and Lockhart, assignors.)
Union Switch & Signal Company, The. (See Whitelock, Leland D., assignor.)
Union Switch & Signal Company. (See Williams, A. L., and Thompson, assignors.)
Union Switch & Signal Company, The. (See Williams, A. L., Thompson, and Cubitt, assignors.)
Union Switch & Signal Company, The. (See Young, Henry S., assignor.)
Union Trust Company, executor. (See Fielding, John.)
Union Trust Company, executor. (See Floyd, George G.)
Union Twist Drill Company. (See Kiehne, Alfred J., assignor.)
Union Underwear Company. (See Goldfarb, Jacob A., assignor.)
Unique Knitting Company, The. (See Ehlert, A. W., and Fouts, assignors.)
Unit Rig & Equipment Company. (See Guier, William, assignor.)
Unit Structures, Inc. (See Thompson, P., and Hanisch, assignors.)
Unit Venetian Blind Supply Co. (See Nisenson, Jules, assignor.)
United Acoustigraph Corporation. (See Bender, Max, assignor.)

United Aircraft Corporation. (See Baker, Paul S., assignor.)
United Aircraft Corporation. (See Beisel, Rex B., assignor.)
United Aircraft Corporation. (See Buck, Richard S., assignor.)
United Aircraft Corporation. (See Caldwell, Frank W., assignor.)
United Aircraft Corporation. (See Caldwell, F. W., Martin, and Anderson, assignors.)
United Aircraft Corporation. (See Caldwell, F. W., and Nissen, assignors.)
United Aircraft Corporation. (See Fenn, Edward H., assignor.)
United Aircraft Corporation. (See Griswold, Roger W., II, assignor.)
United Aircraft Corporation. (See Hersey, Donald S., assignor.)
United Aircraft Corporation. (See Lee, John G., assignor.)
United Aircraft Corporation. (See Martin, Erle, assignor.)
United Aircraft Corporation. (See Moncrieff, Veon I., assignor.)
United Aircraft Corporation. (See Morehouse, Silas A., assignor.)
United Aircraft Corporation. (See Parkins, Wright A., assignor.)
United Aircraft Corporation. (See Rhines, Thomas B., assignor.)
United Aircraft Corporation. (See Ryder, Earle A., assignor.)
United Aircraft Corporation. (See Shoemaker, James M., assignor.)
United Aircraft Corporation. (See Sikorsky, Igor I., assignor.)
United Aircraft Corporation. (See Squires, John, assignor.)
United Aircraft Corporation. (See Wait, W., Jr., and Vought, assignors.)
United Aircraft Corporation. (See Willgoos, Andrew V. D., assignor.)
United Aircraft Corporation. (See Williams, George L., assignor.)
United Aircraft & Transport Corporation, The. (See Beisel, R. B., and MacClain, assignors.)
United American Metals Corporation. (See Jordan, C., and Hubelmeyer, assignors.)
United American Metals Corporation. (See Jung, Albert H., assignor.)
United Autographic Register Co. (See Colwill. Richard H., assignor.)
United Autographic Register Co. (See Euth, John E., assignor.)
United Autographic Register Co. (See Jensen, Louis, assignor.)
United Autographic Register Co. (See Schaefer, John E., assignor.)
United Carbon Company. (See Grote, Walther H., assignor.)
United-Carr Fastener Corporation. (See Chaffee, Raymond O., assignor.)
United-Carr Fastener Corporation. (See Churchill, Wilmer H., assignor.)
United-Carr Fastener Corporation. (See Dyresen, Didrick, assignor.)
United-Carr Fastener Corporation. (See Hall, Charles L., assignor.)
United-Carr Fastener Corporation. (See Kral, Joseph, assignor.)
United-Carr Fastener Corporation. (See Johnson, Gustav, assignor.)
United-Carr Fastener Corporation. (See Jones, Ernest E., assignor.)
United-Carr Fastener Corporation. (See Jones, Walter I., assignor.)
United-Carr Fastener Corporation. (See MacFadden, Wilford C., assignor.)
United-Carr Fastener Corporation. (See Merk, George S., assignor.)
United-Carr Fastener Corporation. (See Murphy, Howard J., assignor.)
United-Carr Fastener Corporation. (See O'Callaghan, Jerome J., assignor.)
United-Carr Fastener Corporation. (See Pender, Lloyd G., assignor.)
United-Carr Fastener Corporation. (See Towner, Clifford, assignor.)
United-Carr Fastener Corporation. (See Woodward, Clement A., assignor.)
United Combustion Corporation. (See Robinson, Lawrence R., assignor.)
United Cotton Products Company. (See Hurst, Edward, assignor.)
United Cotton Products Company. (See Hurst, E., and Crane, assignors.)
United Electric Railways Company. (See Follett, Benjamin B., assignor.)
United Engineering & Foundry Company. (See Angstrom, C. J., and Kruse, assignors.)
United Engineering & Foundry Company. (See Biggert, Florence C., Jr., assignor.)
United Engineering & Foundry Company. (See Biggert, F. C., Jr., and Buente, assignors.)
United Engineering & Foundry Company. (See Gardner, Kirtland C., assignor.)
United Engineering and Foundry Company. (See Manion, Charles H., assignor.)
United Engineering & Foundry Company. (See Messinger, William, assignor.)
United Engineering & Foundry Company. (See Richardson, Charles A., assignor.)
United Engineering and Foundry Company. (See Smitmans, John A., assignor.)
United Engineering Foundry Company. (See Stone, Morris D., assignor.)
United Engineering & Foundry Company. (See Stone, M. D., and (Kinkead, assignor).)
United Feature Syndicate, Inc. (See Campbell, Melvin A., assignor.)
United Gas Improvement Company, The. (See Jordan, Claude W., assignor.)
United Gas Improvement Company, The. (See Skeen, John R., assignor.)
United Gas Improvement Company, The. (See Williams, Duncan B., assignor.)
United Last Company. (See Levaggi, Victor, Jr., assignor.)
United Last Company. (See Loewer, Henry F., assignor.)
United Lens Corporation. (See Arbuckle, Samuel F., assignor.)
United Lens Corporation. (See Arbuckle, S. F., and Coulter, assignors.)
United Lens Corporation. (See Godley, Charles E., assignor.)
United Merchants & Manufacturers, Inc. (See Bulford, Murray N., assignor.)
United Metal Box Co. (See Hammer, Samuel, assignor.)
United Motors Service, Inc. (See Langhaar, Louis, assignor.)
United Pipe and Supply Company, The. (See Heanue, James E., assignor.)
United Research Corporation. (See Balsley, James R., assignor.)
United Research Corporation. (See Budd, Ralph W., assignor.)
United Research Corporation. (See Carpenter, Arthur W., assignor.)
United Research Corporation. (See Miller, Burton F., assignor.)
United Research Corporation. (See Miller, Robert P., assignor.)
United Research Corporation. (See Musumeci, Joseph, assignor.)
United Research Corporation. (See Spray, Joseph H., assignor.)
United Screw and Bolt Corporation. (See Fieg, Joseph F., assignor.)
United Shoe Machinery Corporation. (See Abell, Walter P., assignor.)
United Shoe Machinery Corporation. (See Armstrong, Howard E., assignor.)
United Shoe Machinery Corporation. (See Backus, Floyd W., assignor.)
United Shoe Machinery Corporation. (See Baker, Corwin W., assignor.)
United Shoe Machinery Corporation. (See Barker, W. A., and Lane, assignors.)
United Shoe Machinery Corporation. (See Barton, William A., assignor.)
United Shoe Machinery Corporation. (See Baxter, William C., assignor.)
United Shoe Machinery Corporation. (See Bazzoni, Lewis J., assignor.)
United Shoe Machinery Corporation. (See Bennion, L. H., and Rivington, assignors.)
United Shoe Machinery Corporation. (See Bertrand, Frederic E., assignor.)
United Shoe Machinery Corporation. (See Bessom, Earl A., assignor.)
United Shoe Machinery Corporation. (See Bolton, William R., assignor.)
United Shoe Machinery Corporation. (See Boot, Albert, assignor.)
United Shoe Machinery Corporation. (See Boulton, George and J. B., assignors.)
United Shoe Machinery Corporation. (See Brandt, Francis L., assignor.)
United Shoe Machinery Corporation. (See Bray, William N., assignor.)
United Shoe Machinery Corporation. (See Bray, W. N., and Barton, assignors.)
United Shoe Machinery Corporation. (See Brostrom, Charles G., assignor.)
United Shoe Machinery Corporation. (See Brothers, Eli, assignor.)
United Shoe Machinery Corporation. (See Burger, Joseph, assignor.)
United Shoe Machinery Corporation. (See Cangemi, Salvatore, assignor.)
United Shoe Machinery Corporation. (See Clarke, T. B., and Short, assignors.)
United Shoe Machinery Corporation. (See Corson, Fred L., assignor.)
United Shoe Machinery Corporation. (See Crosby, Robert A., assignor.)
United Shoe Machinery Corporation. (See Cuozzo, Michele, assignor.)

United Shoe Machinery Corporation. (See Dixon, Paul H., assignor.)
United Shoe Machinery Corporation. (See Duckoff, Maxwell E., assignor.)
United Shoe Machinery Corporation. (See Duplessis, René E., assignor.)
United Shoe Machinery Corporation. (See Duran, John A., assignor.)
United Shoe Machinery Corporation. See Dyer, Newell V., assignor.)
United Shoe Machinery Corporation. (See Eastman, F. C., and Pym, assignors.)
United Shoe Machinery Corporation. (See Edwards, Charles E., assignor.)
United Shoe Machinery Corporation. (See Elliott, Harold E., assignor.)
United Shoe Machinery Corporation. (See Elliott, H. E., and Choice, assignors.)
United Shoe Machinery Corporation. (See Engel, Karl, assignor.)
United Shoe Machinery Corporation. (See Engel, K., and Kinney, assignors.)
United Shoe Machinery Corporation. (See Eppler, Andrew, Jr., assignor.)
United Shoe Machinery Corporation. (See Exley, Leo F., assignor.)
United Shoe Machinery Corporation. (See Finn, Sidney J., assignor.)
United Shoe Machinery Corporation. (See Fossa, Joseph, assignor.)
United Shoe Machinery Corporation. (See Fredericksen, James P.)
United Shoe Machinery Corporation. (See Gingell, Harry, assignor.)
United Shoe Machinery Corporation. (See Gookin, Sylvester L., assignor.)
United Shoe Machinery Corporation. (See Gouldbourn, Joseph, assignor.)
United Shoe Machinery Corporation. (See Gouldbourn, J., and Kestell, assignors.)
United Shoe Machinery Corporation. (See Gulbrandsen, Trygve, assignor.)
United Shoe Machinery Corporation. (See Haas, Otto R., assignor.)
United Shoe Machinery Corporation. (See Hadaway, John B., assignor.)
United Shoe Machinery Corporation. (See Harrington, Joseph, Jr., assignor.)
United Shoe Machinery Corporation. (See Hart, Fred V., assignor.)
United Shoe Machinery Corporation. (See Hazelton, George, assignor.)
United Shoe Machinery Corporation. (See Hood, Charles E., assignor.)
United Shoe Machinery Corporation. (See Hooper, Frederick E., assignor.)
United Shoe Machinery Corporation. (See Hopkins, Nathan F., assignor.)
United Shoe Machinery Corporation. (See Hubbard, Arthur R., assignor.)
United Shoe Machinery Corporation. (See Hubbard, William, assignor.)
United Shoe Machinery Corporation. (See Jerram, A. E., and Sheffield, assignors.)
United Shoe Machinery Corporation. (See Johns, Raphael C., assignor.)
United Shoe Machinery Corporation. (See Johnson, Arthur S., assignor.)
United Shoe Machinery Corporation. (See Jorgensen, Bernhardt, assignor.)
United Shoe Machinery Corporation. (See Jorgensen, Jacob C., assignor.)
United Shoe Machinery Corporation. (See Kamborian, A., assignor.)
United Shoe Machinery Corporation. (See Kamborian, Jacob S., assignor.)
United Shoe Machinery Corporation. (See Keall, Frank B., assignor.)
United Shoe Machinery Corporation. (See Kennison, F., and Stratton, assignors.)
United Shoe Machinery Corporation. (See King, Harry Jacob S., assignor.)
United Shoe Machinery Corporation. (See Knott, Clyde L., assignor.)
United Shoe Machinery Corporation. (See Knowles, Lloyd G., assignor.)
United Shoe Machinery Corporation. (See Knowlton, Norwood H., assignor.)
United Shoe Machinery Corporation. (See Labrie, Anthony, assignor.)
United Shoe Machinery Corporation. (See La Chapelle, Euclid L., assignor.)
United Shoe Machinery Corporation. (See La Chapelle, Fred N., assignor.)
United Shoe Machinery Corporation. (See La Chapelle, F. N., and Ashley, assignors.)
United Shoe Machinery Corporation. (See Laird, Renfrew D., assignor.)
United Shoe Machinery Corporation. (See Lancaster, John T., assignor.)
United Shoe Machinery Corporation. (See Lane, H., and Bray, assignors.)
United Shoe Machinery Corporation. (See La Valle, Dominick, assignor.)
United Shoe Machinery Corporation. (See Lawson, Axel A., assignor.)
United Shoe Machinery Corporation. (See Lawson, Axel C., assignor.)
United Shoe Machinery Corporation. (See Leveque, Bernard T., assignor.)
United Shoe Machinery Corporation. (See Lineham, R. A., and Barton, assignors.)
United Shoe Machinery Corporation. (See Lyness, Horatio S., assignor.)
United Shoe Machinery Corporation. (See MacDonald, Clifford K., assignor.)
United Shoe Machinery Corporation. (See MacKenzie, Wilbur L., assignor.)
United Shoe Machinery Corporation. (See MacKenzie, W. L., and Nokes, assignors.)
United Shoe Machinery Corporation. (See Maeser, Mieth, assignor.)
United Shoe Machinery Corporation. (See Matheu, James M., assignor.)
United Shoe Machinery Corporation. (See McKenzie, Wilbur L., assignor.)
United Shoe Machinery Corporation. (See Merrick, Frank W., assignor.)
United Shoe Machinery Corporation. (See Merritt, Frank R., assignor.)
United Shoe Machinery Corporation. (See Meyer, Vernon H., assignor.)
United Shoe Machinery Corporation. (See Miller, Charles, assignor.)
United Shoe Machinery Corporation. (See Miller, Homer B., assignor.)
United Shoe Machinery Corporation. (See Morrill, Alfred R., assignor.)
United Shoe Machinery Corporation. (See Neumann, Alfred, assignor.)
United Shoe Machinery Corporation. (See Newhall, Herbert B., assignor.)
United Shoe Machinery Corporation. (See Nutt, William H., assignor.)
United Shoe Machinery Corporation. (See Osgood, Walter P., assignor.)
United Shoe Machinery Corporation. (See Pepin, Charles H., assignor.)
United Shoe Machinery Corporation. (See Pestel, Marcel, assignor.)
United Shoe Machinery Corporation. (See Pollard, Nedd C., assignor.)
United Shoe Machinery Corporation. (See Pratt, John W., assignor.)
United Shoe Machinery Corporation. (See Pratt, J. W., and Kestell, assignors.)
United Shoe Machinery Corporation. (See Pym, Arthur F., assignor.)
United Shoe Machinery Corporation. (See Pym, A. F., and Burby, assignors.)
United Shoe Machinery Corporation. (See Pym, A. F., and Duplessis, assignors.)
United Shoe Machinery Corporation. (See Ricks, Fred, assignor.)
United Shoe Machinery Corporation. (See Ricks, F., Boothroyd, and James, assignors.)
United Shoe Machinery Corporation. (See Ricks, F., and Pratt, assignors.)
United Shoe Machinery Corporation. (See Rivington, Arthur A., assignor.)
United Shoe Machinery Corporation. (See Roberts, William T. B., assignor.)
United Shoe Machinery Corporation. (See Robinson, Charles A., assignor.)
United Shoe Machinery Corporation. (See Rollins, Leroy W., assignor.)
United Shoe Machinery Corporation. (See Ryan, George F., assignor.)
United Shoe Machinery Corporation. (See Schoenky, August R., assignor.)
United Shoe Machinery Corporation. (See Seely, Thomas H., assignor.)
United Shoe Machinery Corporation. (See Smith, Archibald C., assignor.)
United Shoe Machinery Corporation. (See Smith, L. G., and Bertrand, assignors.)
United Shoe Machinery Corporation. (See Standish, John F., assignor.)
United Shoe Machinery Corporation. (See Standish, J. F., and Macdonald, assignors.)
United Shoe Machinery Corporation. (See Stanick, Samuel, assignor.)
United Shoe Machinery Corporation. (See Sweet, George A., assignor.)
United Shoe Machinery Corporation. (See Thomas, William D., assignor.)
United Shoe Machinery Corporation. (See Timson, Arthur G., assignor.)
United Shoe Machinery Corporation. (See Vigorith, A., Story, and Delaney, assignors.)
United Shoe Machinery Corporation. (See Warren, Harold, assignor.)
United Shoe Machinery Corporation. (See Whelton, John M., assignor.)
United Shoe Machinery Corporation. (See Willmott, Herbert J., assignor.)
United Shoe Machinery Corporation. (See Winkley Erastus E., assignor.)

United Specialties Company. (See Hallerburg, Theodore W., assignor.)
United Specialties Company. (See Mieras, M. A., and Hallerberg, assignors.)
United Specialties Company. (See Moore, Clarence W., assignor.)
United States Air Compressor Company, The. (See Schultz, P. I., and Pelouch, assignors.)
United States Air Conditioning Corporation. (See Feinberg, Archie, assignor.)
United States Appliance Corporation. (See Markel, L., and Reynolds, assignors.)
United States Appliance Corporation. (See Reynolds, Frederick L., assignor.)
United States Appliance Corporation. (See Schleimer, Floyd V., assignor.)
U. S. Bedding Company. (See Gunn, Daniel R., Jr., assignor.)
United States Bedding Company, The. (See Strandberg, Joel G., assignor.)
U. S. Bottlers Machinery Company. (See Risser, Arthur I., assignor.)
United States Cabinet Bed Co. (See Martin, Joseph, assignor.)
United States Can Corporation. (See Fried, Louis, assignor.)
U. S. Electrical Motors, Inc. (See Heyer, Don, assignor.)
U. S. Electrical Motors, Inc. (See Heyer, D., and Pfleger, assignors.)
U. S. Electrical Motors, Inc. (See McElroy, I. E., and Shadrick, assignors.)
U. S. Electrical Motors, Inc. (See Myers, Thomas G., assignor.)
U. S. Electrical Motors, Inc. (See Myers, T. G., and Mason, assignors.)
U. S. Electrical Motors, Inc. (See Pfleger, George T., assignor.)
United States Envelope Company. (See Heywood, Vincent E., assignor.)
United States Envelope Company. (See Shea, J. J., and Irrgang, assignors.)
United States Envelope Company. (See Swift, Willard E., assignor.)
United States Envelope Company. (See Townsend, Charles W., assignor.)
U. S. Expansion Bolt Co. (See Zifferer, Morton F., assignor.)
United States Gauge Company. (See Bayha, Edwin H., assignor.)
United States Gauge Company. (See Klein, M., and Grauel, assignors.)
United States Gauge Company. (See Klein, M., and Tollefsen, assignors.)
United States Gauge Company. (See Klein, M., and Willach, assignors.)
United States Gauge Company. (See Whipple, Jack V., assignor.)
United States Gypsum Company. (See Balduf, Bruno E., assignor.)
United States Gypsum Company. (See Cumfer, Donald A., assignor.)
United States Gypsum Company. (See Gill, Joseph W., assignor.)
United States Gypsum Company. (See Johnson, Fred G., assignor.)
United States Gypsum Company. (See King, G. D., and Phelps, assignors.)
United States Gypsum Company. (See Linzell, Harry K., assignor.)
United States Gypsum Company. (See Page, John, assignor.)
United States Gypsum Company. (See Page, J., and Southwick, assignors.)
United States Gypsum Company. (See Pooler, Cecil B., assignor.)
United States Gypsum Company. (See Reade, Ralph W. B., assignor.)
United States Gypsum Company. (See Scholz, Herman A., assignor.)
United States Gypsum Company. (See Scholz, H. A., and Adams, assignors.)
United States Gypsum Company. (See Schuetz, Clyde C., assignor.)
United States Gypsum Company. (See Schuetz, C. C., and Burns, assignors.)
United States Gypsum Company. (See Slisz, T. B., Schuetz, assignors.)
United States Gypsum Company. (See Snyder, Gilbert J., assignor.)
United States Gypsum Company. (See Stein, Oscar, assignor.)
United States Gypsum Company. (See Youngfelt, T. T., Besal, and Hurd, assignors.)
United States Hat Machinery Corporation. (See Genest, Homer A., assignor.)
United States Hoffman Machinery Corporation. (See Meyer, Henry C. A., assignor.)
U. S. Industrial Alcohol Co. (See Balcar, Frederick R., assignor.)
U. S. Industrial Alcohol Co. (See Carter, Ray M., assignor.)
U. S. Industrial Alcohol Co. (See Hildebrandt, F. M., and Erb, assignors.)
U. S. Manufacturing Corporation. (See Platt, Stephen A., assignor.)
United States Metallic Packing Company, The. (See Price, Joseph W., Jr., assignor.)
United States of America, as represented by Secretary of Interior. (See Miller, Bruce D., assignor.)
United States of America, as represented by Secretary of War. (See Holmes, H. B., Blood, and Bell, assignors.)
United States Paper Mills, Inc. (See Winter, Courtney P., assignor.)
United States Paper Mills, Inc. (See Winter, C. P., and Rosenthal, assignors.)
United States Patent Development and Royalty Company. (See Neuman, Jacob J., assignor.)
United States Patent Development and Royalty Company. (See Neuman, J. J., assignor, and Neuman.)
United States Pipe and Foundry Company. (See Hering, Edward, assignor.)
United States Pipe and Foundry Company. (See Stuart, H. W., and Hunt, assignors.)
United States Plywood Corporation. (See Ottinger, Lawrence, assignor.)
United States Quarry Tile Company. (See Feichter, Harold R., assignor.)
United States Rubber Company. (See Adamson, Seth, assignor.)
United States Rubber Company. (See Anderson, Everett V., assignor.)
United States Rubber Company. (See Battin, Harold T., assignor.)
United States Rubber Company. (See Bull, A. W., Sloman, and Grafton, assignors.)
United States Rubber Company. (See Cady, John E., assignor.)
United States Rubber Company. (See Cotchett, Louis M., assignor.)
United States Rubber Company. (See Coté, Arthur, assignor.)
United States Rubber Company. (See Craver, Bates B., assignor.)
United States Rubber Company. (See Eger, Ernst, assignor.)
United States Rubber Company. See Foster, Boutwell H., assignor.)
United States Rubber Company. (See Fisher, Harry L., assignor.)
United States Rubber Company. (See Francis, Raymond S., assignor.)
United States Rubber Company. (See Gammeter, John R., assignor.)
United States Rubber Company. (See Gibbons, Willis A., assignor.)
United States Rubber Company. (See Gibbons, W. A., and Hazell, assignors.)
United States Rubber Company. (See Gremmel, H. F., and Rice, assignors.)
United States Rubber Company. (See Harkins, Henry H., assignor.)
United States Rubber Company. (See Hawley, Thomas G., Jr., assignor.)
United States Rubber Company. (See Hazell, Eardley, assignor.)
United States Rubber Company. (See Howland, Louis H., assignor.)
United States Rubber Company. (See Hurt, Victor H., assignor.)
United States Rubber Company. (See Jordan, Hubert F., assignor.)
United States Rubber Company. (See Joss, Ernest J., assignor.)
United States Rubber Company. (See Killette, Charles J., assignor.)
United States Rubber Company. (See McGavack, John, assignor.)
United States Rubber Company. (See Messer, William E., assignor.)
United States Rubber Company. (See Meuser, L., and Dewey, assignors.)
United States Rubber Company. (See Randall, Chester J., assignor.)
United States Rubber Company. (See Ringler, William A., assignor.)
United States Rubber Company. (See Roberts, Edward F., assignor.)
United States Rubber Company. (See Roberts, E. F., and McKinnon, assignors.)
United States Rubber Company. (See Scholl, Elwood L., assignor.)
United States Rubber Company. (See Sloman, C. M., and Merrill, assignors.)
United States Rubber Company. (See ter Horst, William P., assignor.)
United States Rubber Company. (See Thomas, Adolph A., assignor.)
United States Rubber Company. (See Tuttle, Edward J., assignor.)
United States Rubber Company. (See Vamos, Alfred, assignor.)
United States Rubber Company. (See Way, Thomas H., assignor.)
United States Rubber Company. (See Wendes, John C. H., assignor.)
United States Rubber Company. (See Wikle, George F., assignor.)
United States Rubber Company. (See Young, Howard A., assignor.)

United States Rubber Company. (See Zonino, Frederick, assignor.)
U. S. Slicing Machine Company. (See Ahrndt, Arthur H., assignor.)
U. S. Slicing Machine Company. (See Folk, Joseph, assignor.)
U. S. Slicing Machine Company. (See Heuer, Richard J., assignor.)
U. S. Slicing Machine Company. (See Mahler, William, assignor.)
U. S. Slicing Machine Company. (See van Berkel, Wilhelmus A., assignor.)
United States Steel Corporation. (See Aborn, R. H., and Rutherford, assignors.)
United States Steel Corporation. (See Cantrell, R. H., and Rumford, assignors.)
United States Steel Corporation. (See Grossmann, Marcus A., assignor.)
United States Steel Corporation. (See Henderson, Quintin McG., assignor.)
United States Steel Corporation. (See Hindlhofer, Kalman, assignor.)
United States Steel Corporation. (See Hogg, W. C., and Rumford.)
United States Steel Corporation. (See Johnston, John, assignor.)
United States Steel Corporation. (See Larsen, B. M., Berley, and Heindlhofer, assignors.)
United States Steel Corporation. (See Mathesius, W., and Grossmann, assignors.)
United States Steel Corporation. (See Shenk, William E., assignor.)
United States Steel Corporation. (See Sordahl, Louis O., assignor.)
United States Stoneware Company. (See Burnip, Harold A., assignor.)
U. S. Textile Machine Co. (See Thomas, Pacific J., assignor.)
U. S. Vitamin Corporation. (See Pacini, August J., assignor.)
United Steel and Wire Company. (See Faulkner, Arnold, assignor.)
United Water Cooler Service, Inc. (See Moffat, Albert S., assignor.)
United Wire & Supply Corporation. (See Sullivan, Francis W., assignor.)
United Wire & Supply Corporation. (See Turner, R. R., and Sullivan, assignors.)
United Wire Works, Limited, The. (See Green, Willie D. T., assignor.)
United Wood Heel Company. (See Quirk, Justin P., assignor.)
Universal Appliance Co. (See Lofgren, H. A., and Celmer, assignors.)
Universal Button Fastening & Button Company. (See Bowen, Merlin L., assignor.)
Universal Button Fastening & Button Company. (See Clark, John M., assignor.)
Universal Camera Corporation. (See Githens, O. W., Kende, and Porter, assignors.)
Universal Camera Corporation. (See Githens, O. W., and Lawson, assignors.)
Universal Chemical Corporation. (See Brumbaugh, Homer C., assignor.)
Universal Clay Products Company, The. (See Waterman, Fred W., Jr., assignor.)
Universal Cooler Corporation. (See Higham, William W., assignor.)
Universal Cooler Corporation. (See Higham, W. W., and Langwish, assignors.)
Universal Cooler Corporation. (See Higham, W. W., and Morse, assignors.)
Universal Development Corporation. (See Roessel, Louis O. E., assignor.)
Universal Draft Gear Attachment Co. (See Camp, Percy B., assignor.)
Universal Engine & Propeller Company. (See McCollough, James H., assignor.)
Universal Fixture Corporation. (See Rosenberg, Philip, assignor.)
Universal Fixture Corporation. (See Rosenberg, P., and Mically, assignors.)
Universal Fountain Brush Company. (See Wright, Milton B., assignor.)
Universal Hydraulic Corporation. (See Glover, Robert E., assignor.)
Universal Hydraulic Corporation. (See Kinzie, P. A., Savage, and Nantz, assignors.)
Universal Lamp Company. (See Horsley, James H., assignor.)
Universal Mantle, Inc. (See Rinnman, Harry, assignor.)
Universal Monotabular Corporation. (See Honig, Henry T., assignor.)
Universal Oil Products Company. (See Alther, Joseph G., assignor.)
Universal Oil Products Company. (See Angell, Charles H., assignor.)
Universal Oil Products Company. (See Barnes, Marion W., assignor.)
Universal Oil Products Company. (See Bergman, Donald J., assignor.)
Universal Oil Products Company. (See Chenicek, Joseph A., assignor.)
Universal Oil Products Company. (See Dubbs, Carbon P., assignor.)
Universal Oil Products Company. (See Flock, B. J., and Nelson, assignors.)
Universal Oil Products Company. (See Gerhold, Clarence G., assignor.)
Universal Oil Products Company. (See Grosse, Aristid V., assignor.)
Universal Oil Products Company. (See Grosse, A. V., and Mavity, assignors.)
Universal Oil Products Company. (See Grosse, A. V., and Morrell, assignors.)
Universal Oil Products Company. (See Heid, Jacob B., assignor.)
Universal Oil Products Company. (See Huff, Lyman C., assignor.)
Universal Oil Products Company. (See Ipatieff, Vladimir, assignor.)
Universal Oil Products Company. (See Ipatieff, V., and Komarewsky, assignors.)
Universal Oil Products Company. (See Ipatieff, V. N., and Pines, assignors.)
Universal Oil Products Company. (See Ipatieff, V., and Schaad, assignors.)
Universal Oil Products Company. (See Komarewsky, Vasili, assignor.)
Universal Oil Products Company. (See Kramer, Bernard L., assignor.)
Universal Oil Products Company. (See Mattox, W. J., and Grosse, assignors.)
Universal Oil Products Company. (See McCaffrey, John W., assignor.)
Universal Oil Products Company. (See Mekler, Lev A., assignor.)
Universal Oil Products Company. (See Morrell, Jacque C., assignor.)
Universal Oil Products Company. (See Morrell, J. C., and Grosse, assignors.)
Universal Oil Products Company. (See Nelson, Edwin F., assignor.)
Universal Oil Products Company. (See Rodman, Hugh, assignor.)
Universal Oil Products Company. (See Schaad, Raymond E., assignor.)
Universal Oil Products Company. (See Seguy, Jean D., assignor.)
Universal Oil Products Company. (See Swartwood, Kenneth, assignor.)
Universal Oil Products Company. (See Tropsch, Hans, assignor.)
Universal Oil Products Company. (See Westenberg, Joseph E., assignor.)
Universal Optical Corporation. (See Searles, Wayne S., assignor.)
Universal Optical Corporation. (See Sweeney, James A., assignor.)
Universal Oven Company. (See Elliott, Irwin, assignor.)
Universal Paper Products Company. (See Amberg, Walter E., assignor.)
Universal Products Company, Inc. (See Wollner, Hans, assignor.)
Universal Royalty and Development Company, The. (See Schmidt, Hermann H., assignor.)
Universal Sewer Pipe Company. (See Miller, Charles H., assignor.)
Universal Slide Fastener Co. (See Silberman, David, assignor.)
Universal Winding Company. (See Hitchcock, Harold W. assignor.)
Universal Winding Company. (See Mills, David E., assignor.)
Universal Winding Company. (See Parks, Edward F., assignor.)
Universal Winding Company. (See Taylor, George N., assignor.)
Universal Winding Company. (See Taylor, G. N., and Ewart, assignors.)
Universal Window Company. (See Wiley, Esmond F., assignor.)
"Universelle" Cigarettenmaschinen-Fabrik-J. C. Mueller & Co. (See Ahne, Otto, assignor.)
"Universelle" Cigarettenmaschinen-Fabrik J. C. Mueller & Co. (See Dittrich, Fritz A. B., assignor.)
"Universelle" Cigarettenmaschinenfabrik J. C. Mueller & Co. (See Ebert, Rudolf O. F., assignor.)
"Universelle" Cigarettenmaschinen-Fabrik J. C. Muller & Co. (See Eissmann, Oswald E., assignor.)
"Universelle" Cigarettenmaschinenfabrik J. C. Muller. (See Herrmann, Paul J., assignor.)
"Universelle" Cigarettenmaschinen-Fabrik J. C. Mueller & Co. (See Klüx, Herbert, assignor.)
"Universelle" Cigarettenmaschinen-Fabrik J. C. Muller & Co. (See Körber, Kurt A., assignor.)
"Universelle" Cigarettenmaschinen-Fabrik J. C. Mueller, & Co. (See Leicht, Ernst W., assignor.)
"Universelle" Cigarettenmaschinen-Fabrik J. C. Müller & Co. (See Müller, Carl W., assignor.)
Universelle Cigarettenmeschinenfabrik J. C. Muller & Co. (See Ponndorf, A., and Fuhrmann, assignors.)
"Universelle" Cigarettenmaschinen-Fabrik J. C. Mueller & Co. (See Röber, Constantin F., assignor.)
"Universelle" Cigarettenmaschinen-Fabrik, J. C. Muller & Co. (See Röber, C. F., and Röthig, assignors.)
"Universelle" Cigarettenmaschinen-Fabrik J. C. Muller & Co. (See Schmiedel, Johannes, assignor.)
University of Illinois, Board of Trustees of the. (See Arnold, Lloyd, assignor.)

University of Minnesota, Regents of the. (See Bailey, Alan J., assignor.)
University of Minnesota, Regents of the. (See Dowdell, R. L., and Green, assignors.)
University of Pennsylvania, Trustees of the. (See Flosdorf, Earl W., assignor.)
University of Tennessee Research Corporation, The. (See Hertel, Kenneth L., assignor.)
University of Tennessee Research Corporation, The. (See Okey, Perry, assignor.)
University Patents, Inc. (See Bucky, Philip B., assignor.)
Univis Corporation, The. (See Heavyside, Stuart J., assignor.)
Unke, Herman A., Lakewood, Ohio. Threaded hollow article. 2,156,169; Apr. 25.
Unke, Herman A., Cleveland, Ohio. Threading tool. 2,182,906; Dec. 12.
Unruh, William D., and H. F. Seelig, Benton Harbor, assignors to Auto Specialties Manufacturing Company, St. Joseph, Mich. Scale platform locking mechanism. 2,185,045; Dec. 26.
Unterbusch, Franz, assignor to Felten & Guilleaume Carlswerk Actien-Gesellschaft, Cologne-Mulheim, Germany. Tubular conductor. 2,165,737; July 11.
Unthank, George R. (See Green, E. W., and Unthank.)
Unverferth, Gerard A., Dayton, Ohio. Spacer and seal for building construction. 2,157,038; May 2.
Unwin, Gennette, Schenectady, N. Y. Hair curler. 2,172,964; Sept. 12.
Unwin, Kenneth J., Schenectady, N. Y., assignor to General Electric Company. Controller. 2,175,932; Oct. 10.
Up De Graff, Joseph M., Peoria, Ill. Combination hack and compass saw frame. 2,154,367; Apr. 11.
Upham, Burt F., Grimsby, Ontario, Canada. Feeding sheets to printing presses, etc. 2,162,450; June 13.
Upham, Burt F., Grimsby, Ontario, Canada. Gripper cylinder for printing presses. 2,184,785; Dec. 26.
Upson, Charles A., assignor to The Upson Company, Lockport, N. Y. Damping means for automobile tops and the like. 2,142,463; Jan. 3.
Upson Company, The. (See Upson, Charles A., assignor.)
Upson, Maxwell M., Englewood, N. J., assignor to Raymond Concrete Pile Company, New York, N. Y. Composite pile with H-beam. 2,168,459; Aug. 8.
Upson, Ralph H., Ann Arbor, Mich., assignor to The Lamson & Sessions Company, Cleveland, Ohio. Self-tapping bolt. 2,167,558; July 25.
Upson, Ralph H., Ann Arbor, Mich., assignor to The Lamson & Sessions Company, Cleveland, Ohio. Self-tapping screw. 2,167,559; July 25.
Upson, William D., Arcade, N. Y. Parachute garment lifesaving device. 2,156,210; Apr. 25.
Upton, Charles B., Piqua, Ohio. Foots-removing means for expressing presses. 2,154,965; Apr. 18.
Upton, Clifford D., Covington, Ohio. Crutch or supporting device. 2,159,301; May 23.
Upton, Clarence G. (See Barnett, P. B., and Upton.)
Upton, Clarence G., and P. B. Barnett, Freer; said Upton assignor to J. P. Muller, Fort Worth, Tex. Pump. 2,178,822; Nov. 7.
Upton, Frederick P., Millerton, N. Y. Spark plug cable terminal. 2,182,998; Dec. 12.
Upton, John W., assignor to Anderson Products, Inc., Cambridge, Mass. Pile shield. 2,181,526; Nov. 28.
Ural-Maschinenvertriebsgesellschaft m. b. H. (See Fritz, Oswald R., assignor.)
Urbain, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Liquid purification. 2,148,970; Feb. 28.
Urbain, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Producing materials for removal of certain halide ions from water. 2,157,507; May 9.
Urbain, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Recovery of iodides, as iodine from water. 2,157,508; May 9.
Urbain, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. The removal of fluorides from water. 2,157,509; May 9.
Urbain, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Effecting anion exchange. 2,157,510; May 9.
Urbain, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Effecting anion exchange. 2,157,511; May 9.
Urbain, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Purification of laundry waste. 2,171,197; Aug. 29.
Urbain, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Recovering fatty acids. 2,171,198; Aug. 29.
Urbain, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Purification of laundry waste. 2,171,199; Aug. 29.
Urbain, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Recovering fatty acids. 2,171,200; Aug. 29.
Urbain, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Purification of laundry waste. 2,171,201; Aug. 29.
Urbain, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Recovering fatty acids. 2,171,202; Aug. 29.
Urbain, Oliver M., and W. R. Stemen, Columbus, assignors to C. H. Lewis, Harpster, Ohio. Purification of organically polluted water. 2,171,203; Aug. 29.
Urbain, Walter M., assignor to Industrial Patents Corporation, Chicago, Ill. Meat curing. 2,180,750; Nov. 21.
Urbain, Walter M., and L. B. Jensen, assignors to Industrial Patents Corporation, Chicago, Ill. Bleaching oils and fats. 2,158,163; May 16.
Urbain, Walter M., and L. B. Jensen, assignors to Industrial Patents Corporation, Chicago, Ill. Glue treatment. 2,182,186; Dec. 5.
Urban, Stephen F., Chicago, Ill. Pickling solution. 2,172,041; Sept. 5.
Urban, Wesley, Jamaica Plain, Mass. Aircraft bomb. 2,184,028; Dec. 19.
Urbany, Urban, San Diego, Calif. Footwear sole. 2,183,899; Dec. 19.
Urbanek, James F., Elmwood Park, Ill. Display counter construction. 2,171,378; Aug. 29.
Urbon, Mike, Brooklyn, N. Y. Garment. 2,152,575; Mar. 28.
Urech, Ernst. (See Miescher, K., and Urech.)
Urfer, Adolf, Richmond Hill, assignor to Bendix Aviation Corporation, South Bend, Ind. Settable altimeter. 2,164,601; July 4.
Urge, Lester, Youngstown, Ohio. Motor vehicle light. 2,157,361; May 9.
Urie, Frank D. (See Lawson, R. R., Bennett, and Urie.)
Urquhart, George G., Cynwyd, Pa. Apparatus for and method of recovering gasoline and the like. 2,157,579; May 9.
Urquhart, William R., and E. G. Templeton, Akron, Ohio, assignors to Wingfoot Corporation, Wilmington, Del. Tire balancing apparatus. 2,173,738; Sept. 19.
Urs, Mary L., Cincinnati, Ohio. Hair curling. 2,171,956; Sept. 5.
Urschel, Bertis H., Bowling Green, Ohio. Rock drill. 2,145,466; Jan. 31.
Urschel, Bertis H., assignor to The Urschel Engineering Company, Bowling Green, Ohio. Axle. 2,148,714; Feb. 28.
Urschel Engineering Company, The. (See Urschel, Bertis H., assignor.)
Urschel, William E., Valparaiso, Ind. Power cultivating and weeding machine. 2,148,916; Feb. 28.
Urschel, William E., Valparaiso, Ind. Mechanical movement and crop harvester. 2,152,674; Apr. 4.
Urschel, William E., Valparaiso, Ind. Washing and elevating apparatus. 2,156,364; May 2.
Urschel, William E., Valparaiso, Ind. Fruit stemmer. 2,180,567; Nov. 21.
Urschel, William E., Valparaiso, Ind. Machine for picking cotton. 2,180,568; Nov. 21.
Urschel, William E., Valparaiso, Ind. Apparatus for separating beets from beet leaves. 2,183,631; Dec. 19.
Urtel, Rudolf. (See Knoll, M., and Urtel.)
Urtel, Rudolf. (See Rothe, H., and Urtel.)
Urtel, Rudolf. (See Steimel, K., and Urtel.)
Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electron tube system. 2,153,216; Apr. 4.
Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Amplifier device. 2,156,659; May 2.
Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Signaling system. 2,156,932; May 2.
Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Synchronizing system. 2,168,251; Aug. 1.
Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Black spot correcting means. 2,169,714; Aug. 15.
Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Circuit for amplitude modulation carrier wave. 2,171,151; Aug. 29.
Urtel, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television receiving apparatus. 2,182,326; Dec. 5.
Urtel, Rudolf, and R. Andrieu, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray tube control circuits. 2,153,655; Apr. 11.
Urtel, Rudolf, R. Andrieu, and M. Geiger, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television receiver operating level control. 2,158,261; May 16.
Urtel, Rudolf, and R. Andrieu, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Saw-toothed wave form generator. 2,164,968; July 4.
Urton, William C., assignor of one-half to Roswell Motor Supply Company, Roswell, N. Mex. Liquid dispenser. 2,179,390; Nov. 7.
Ury, Benjamin K. (See Eolis, David A., assignor.)
Uschold, Clarence W. (See Duffy, R. E., and Uschold.)
Usher, Frederick F. (See Hastings, H. C., and Usher.)
Usines de Melle. (See Guinot, Henri M. E., assignor.)
Usines de Melle. (See Guinot, Henry M., assignor.)
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Mercury switch flow interlock. 2,148,395; Feb. 21.

Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Keying. 2,153,656; Apr. 11.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Phase modulation. 2,159,237; May 23.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Phase modulation. 2,159,238; May 23.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Phase modulation. 2,160,465; May 30.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Oscillation generator and frequency modulator. 2,160,466; May 30.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Phase or frequency modulated transmitter. 2,160,528; May 30.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Modulation. 2,163,719; June 27.
Usselman, George L., Port Jefferson, N. Y., assignor to Radio Corporation of America. Carrier reduced modulator. 2,169,859; Aug. 15.
Usselman, George L., Rocky Point, N. Y., assignor to Radio Corporation of America. Cooling system. 2,181,953; Dec. 5.
Usselman, George L., and H. E. Goldstine, Port Jefferson, N. Y., assignors to Radio Corporation of America. Variable coupling arrangement. 2,175,710; Oct. 10.
Utah Alloy Ores, Inc. (See Nye, R. D., and Demorest, assignors.)
Utah-Idaho Sugar Company. (See Cobbley, C. J., and Bone, assignors.)
Utah Radio Products Company. (See Barrett, Edward L., assignor.)
Utah Radio Products Company. (See Schimkus, Kurt E., assignor.)
Utah Royalty Corporation. (See Rider, Rowland W., assignor.)
Utermöhlen, Gerhard P., Amsterdam, assignor to Nederlandsche Maatschappij "Sogedio" N. V., The Hague, Netherlands. Self-leveling head support. 2,169,117; Aug. 8.
Utica Products Incorporated. (See Hauser, George D., assignor.)
Utica Radiator Corporation. (See Seeley, Lauren E., assignor.)
Utilities Coordinated Research, Inc. (See Jackson, L. R., and Russell, assignors.)
Utilities Service Company. (See Wertman, Millard W., assignor.)
Utility Electric Corp. (See Bahlke, Alfred F., assignor.)
Utility Electric Corporation. (See Herzberg, G., and Bahlke, assignors.)
Utility Fan Corporation. (See Quave, O. E., and Breslow, assignors.)
Utility Packages, Inc. (See Daller, Adrian O., assignor.)
Utility Patent Trust No. 17,938, Union Guardian Trust Co. (See Carson, Charles E., assignor.)
Utility Sales Corporation. (See Fletcher, Myles W., assignor.)
Utility Trailer Manufacturing Company. (See Dunn, Fred P., assignor.)
Utz, Anthony, Hartford, Conn., assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 2,169,348; Aug. 15.
Utz, Chester C., and L. M. Ball, Detroit, assignors to Chrysler Corporation, Highland Park, Mich. Joint between body and frame. 2,144,170; Jan. 17.
Uytenbogaart, Johannes, and A. Hartmann, Berlin-Lichterfelde, Germany, assignors to North American Rayon Corporation, New York, N. Y. Spray shield. 2,182,768, Dec. 5.
Uyterhoeven, Willem, Eindhoven, Netherlands, assignor to General Electric Company. Gaseous electric discharge lamp device. 2,177,755; Oct. 31.
V. Baumbach, Hans H. (See Gericke, P. H., v. Baumbach, and Berndt.)
V. Bock, Bernd, Ludwigshafen-on-the-Rhine, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Production of azo dyestuffs. 2,156,446; May 2.
V. Festenberg-Pakisch, Bruno, Hamburg, Germany. Driving chain. 2,158,622; May 16.
V. Piotrowski, Waclaw J. (See Bauer, K., v. Piotrowski, Burstin, and Winkler.)
V. Piotrowski, Waclaw J., and J. Winkler, Drohobycz, Poland. Obtaining organic compounds from the acid sludge from refining of mineral oils. 2,151,147; Mar. 21.
V. Tempelhoff, Rudolf. (See Achenbach, W., and v. Tempelhoff.)
Vacca, Michael A., Bradford, R. I. Combination collapsible tube holder and dispenser. 2,174,643; Oct. 3.
Vaccaro, George, assignor of one-half to H. Jacobson, New York, N. Y. Eye protector. 2,165,668; July 11.
Vaclavik, Vincent F., St. Louis, Mo. Multiutilitarian cooling and serving cabinet. 2,165,822; July 11.
Vaco Products, Inc. (See Carter, P. M., and Larsen, assignors.)
Vaco Products, Inc. (See Durham, Hobart N., assignor.)
Vaco Products, Inc. (See Ingres, Jack G., assignor.)
Vaco Products, Inc. (See Reilly, F. C., Carter, and Linsley, assignors.)
Vaco Products, Inc. (See Velo, Anthony C., assignor.)
Vacquier, Victor V., Oakmont, assignor to Gulf Research & Development Company, Pittsburgh, Pa. Apparatus for and method of measuring the terrestrial magnetic field. 2,151,627; Mar. 21.
Vac-2-O Burner and Oil Cleaner Company Incorporated. (See Sherrick, S. T., and Lewallen, assignors.)
Vacuum Power Brake Company. (See Roy, Albert E., assignor.)
Vaders, Eugen, Frankfort-on-the-Main, assignor to Vereinigte Deutsche Metallwerke Aktiengesellschaft, Frankfort-on-the-Main-Heddernheim, Germany. Drawn brass bearing alloys. 2,145,065; Jan. 24.
Vafit, George, New York, N. Y. Clothes protector for clotheslines. 2,151,489; Mar. 21.
Vahlteich, Hans W. (See Haurand, C. H., Neal, and Vahlteich.)
Vail, Edgar L., assignor to Jaeger Watch Company, Inc., New York, N. Y. Indicating instrument. 2,174,608; Oct. 3.
Vaisey, Harold C., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Pocket knife. 2,162,654; June 13.
Vail, Daniel R., Wilmette, Ill., and C. G. Dauber, Oshkosh, Wis. Partition fabricating machine. 2,163,923; June 27.
Vajda, Franjo, Sl. Brod, assignor to Dr. Josip Abramovic, Brod n/S., Yugoslavia. Ashtray with extinguisher for cigarettes or cigars. 2,156,906; May 2.
Valade, Malcolm G., Ferndale, Mich. Refrigerating display case. 2,150,195; Mar. 14.
Valentine, Grace, Shoshone, Idaho. Curl clip. 2,160,346; May 30.
Valentine, Harold G., and A. C. Traver, assignors to Norton Laboratories, Lockport, N. Y. Jewelry Box. 2,174,430; Sept. 26.
Valentine, James C. (See Hansen, Frank J., assignor.)
Valentine, Linden M., New Rochelle, N. Y. Loom. 2,144,947; Jan. 24.
Valentine, Percy W. (See Ries, Herman J., assignor.)
Valeri, Alfredo, Bragado, Argentina. Flexible blind of the roller type. 2,152,936; Apr. 4.
Valetta, Vittorio, assignor to Fiat Societa Anonima, Turin, Italy. Motor vehicle coachwork. 2,184,537; Dec. 26.
Valiquette, William L., Dayton, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Demountable blade. 2,178,710; Nov. 7.
Valjean, Ben, East Lansing, assignor to Motor Wheel Corporation, Lansing, Mich. Combustion apparatus. 2,180,443; Nov. 21.
Valjean, Ben, East Lansing, assignor to Motor Wheel Corporation, Lansing, Mich. Combustion apparatus. 2,180,444; Nov. 21.
Vallandingham, James, Jerome, Ariz. Headlight. 2,168,834; Aug. 8.
Valle, Humbert D., Philadelphia, Pa. Household doughnut-forming machine. 2,175,543; Oct. 10.
Valletta, Vittorio, assignor to Fiat Società Anonima, Turin, Italy. Motor vehicle suspension. 2,164,602; July 4.
Valley Appliances Company. (See Lee, Ulysses G., assignor.)
Vallone, Joseph M., assignor to Barcalo Manufacturing Company, Buffalo, N. Y. Convertible bed couch. 2,142,577; Jan. 3.
Vallone, Joseph M., assignor to Barcalo Manufacturing Company, Buffalo, N. Y. Convertible bed couch. 2,142,578; Jan. 3.
Vallone, Joseph M., assignor to Barcalo Manufacturing Company, Buffalo, N. Y. Upholstered article and making same. 2,178,412; Oct. 31.
Valls, Frank, et al. (See Carreras, J., assignor, and Laborda.)
Valsts Elektrotechiska Fabrika. (See Zapp, Walter, assignor.)
Vamos, Alfred, Brooklyn, assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Stretchable leather shoe. 2,184,261; Dec. 19.
Vamos, Alfred, New York, N. Y. Elastic textile fabric. 2,184,772; Dec. 26.
Van Ackeren, Paul, Essen-on-the-Ruhr, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Coke oven door. 2,147,323; Feb. 14.
Van Ackeren, Paul, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Gas producer. 2,147,324; Feb. 14.
Van Ackeren, Paul, Essen, Germany, assignor, by mesne assignments, to Koppers Company. Horizontal chamber coke oven. 2,147,681; Feb. 21.
Van Ackeren, Paul, Essen, Germany, assignor, by mesne assignments, to Koppers Company, Pittsburgh, Pa. Intermittently operated water-gas generator. 2,179,650; Nov. 14.
Vanadium-Alloys Steel Company. (See Gill, James P., assignor.)
Vanadium-Alloys Steel Company. (See Moore, John B., assignor.)
Vanadium Corporation of America. (See Dunn, Holbert E., assignor.)
Vanadium Corporation of America. (See Mayer, Bruno, assignor.)
Vanadium Corporation of America. (See Rees, C. P., Dunn, and Sproul, assignors.)

Van Aken, Herbert N., Ypsilanti, Mich., assignor to The Union Switch & Signal Company, Swissvale, Pa. Track shunting apparatus. 2,172,894; Sept. 12.
Van Albada, Lieuwe E. W., Bloemendaal, Netherlands. Sighting instrument. 2,146,662; Feb. 7.
Van Allen, Frederic L., assignor of twenty-two and one-half per cent to A. Paoli, twenty-two and one-half per cent to C. N. Lush, and twenty per cent to C. C. Kent, Winnipeg, Manitoba, Canada. Dough twisting machine. 2,172,268; Sept. 5.
Van Alstine, H. S. (See Whitaker, Edgar H., assignor.)
Van Alstyne, B. E., et al. (See Booharin, Leo Y., assignor.)
Van Alstyne, Bonnie E., San Francisco, Calif. Line indicator for sidewise opening books. 2,181,615; Nov. 28.
Van Anderson, Rea, Los Angeles, Calif. Charcoal production apparatus and process. 2,162,991; June 20.
Van Antwerp, George S., Norristown, Pa. Strain insulator. 2,163,160; June 20.
Van Atta, Arthur A., Marion, Ohio. Door structure. 2,180,267; Nov. 14.
Van Auken, Howard C. (See Chafee, E. W., and Van Auken.)
Van Bain, William, assignor to Neo-Rite Company, San Antonio, Tex. Neon advertising sign. 2,150,902; Mar. 21.
Van Bergh, Maurice H., et al. (See Jones, Percy R., assignor.)
Van Berkel, Wilhelmus A., Clarens, Switzerland, assignor to U. S. Slicing Machine Company, La Porte, Ind. Slicing machine. 2,167,095; July 25.
Van Berkel, Wilhelmus A., Clarens, Montreux, Switzerland, assignor to Mattschappij van Berkel's Patent N. V., Rotterdam, Netherlands. Vacuum cleaning apparatus. 2,171,248; Aug. 29.
Van Bolt, Albert C., Barberton, assignor to The Akron Electrotype and Stereotype Co., Akron, Ohio. Back-up stand. 2,177,168; Oct. 24.
Van Bosch, Edward, and R. H. Hoffman; said E. Van Bosch assignor to M. Van Bosch, Chicago, Ill. Automatic shade. 2,149,481; Mar. 7.
Van Bosch, Maurice. (See Van Bosch, E., assignor, and Hoffman.)
Van Brunt, Robert, Newark, N. J. Ski binding. 2,166,979; July 25.
Van Buren, John, Brooklyn, N. Y. Method of and machine for sealing boxes or cartons. 2,160,008; May 30.
Vance, Arthur W. (See Morton, G. A., and Vance.)
Vance, Arthur W., Philadelphia, Pa., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Deflecting circuit. 2,144,351; Jan. 17.
Vance, Arthur W., Haddonfield, N. J., assignor to Radio Corporation of America. Deflecting circuits. 2,149,077; Feb. 28.
Vance, Arthur W., Haddonfield, N. J., assignor to Radio Corporation of America. Modulation system. 2,184,571; Dec. 26.
Vance, Arthur W., and H. Branson, Philadelphia, Pa., assignors to Radio Corporation of America. Television apparatus. 2,147,760; Feb. 21.
Vance, Ella M., executrix. (See Vance, Forrest C.)
Vance, Forrest C., deceased, Champaign, Ill.; E. M. Vance, executrix. Foldable structure. 2,147,564; Feb. 14.
Vance, George E., assignor to The Safety Grinding Wheel & Machine Company, Springfield, Ohio. Manufacturing grinding wheels of abrasive material. 2,157,779; May 9.
Vance, Harvey G., St. Louis, Mo. Valve. 2,171,613; Sept. 5.
Vance Products. (See Yang, Alfred, assignor.)
Van Cleave, Edwin E., Chicago, Ill. Nonspin wheel brake. 2,166,201; July 18.
Van Cleave, Edwin E., Chicago, Ill. Housing for hand brake mechanism. 2,183,417; Dec. 12.
Van Cleave, Edwin E., assignor of one-half to A. Wiedenbauer, Chicago, Ill. Railway car hand brake. 2,152,715; Apr. 4.
Van Cleef Bros. (See Frick, Carl E., assignor.)
Vancott, Benjamin R., Los Angeles, Calif. Refrigeration apparatus. 2,144,248; Jan. 17.
Vandegrift, Leroy F., Shawnee, Okla. Frying griddle. 2,175,043; Oct. 3.
Van Degrift, Thomas C. (See Tyler, J. M., and Van Degrift.)
Van den Bergh, Barend, Ginneken, Netherlands, assignor to American Enka Corporation, Enka, N. C. Device for supporting packages of strand materials. 2,158,262; May 16.
Van den Stock, Paul A. C. F., Woluwe-Saint-Lambert, Brussels, Belgium. Three-wheel motor car. 2,167,096; July 25.
Van der Berg, Douwe E. and J. E., Sioux Center, Iowa. Combination motorized sweep rake and hay stacker. 2,154,790; Apr. 18.
Van der Berg, John E. (See Van der Berg, Douwe E. and J. E.)
Vanderbilt, Byron M. (See Hass, H. B., and Vanderbilt.)
Vanderbilt, Byron M., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Refining rosin. 2,150,138; Mar. 7.
Vanderbilt, Byron M., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Catalytic reduction of nitro compounds. 2,157,391; May 9.
Vanderbilt, Byron M., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Esters of phthalic acid. 2,161,552; June 6.
Vanderbilt, Byron M., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Refining rosin. 2,170,956; Aug. 29.
Vanderbilt, Byron M., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Phosphoric acid esters of nitroalcohols. 2,177,757; Oct. 31.
Vanderbilt, Byron M., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Chlorination of nitromethane. 2,181,411; Nov. 28.
Vanderbilt, R. T., Company. (See Alton, William H., assignor.)
Vanderbilt, R. T., Company. (See Ball, John M., assignor.)
Vander Clute, William W., Elizabeth, N. J. Clothespin. 2,183,730; Dec. 19.
Vandercook, David D., Evanston, and O. C. Geffken, assignors to Vandercook & Sons, Chicago, Ill. Printing press. 2,181,714; Nov. 28.
Vandercook & Sons. (See Vandercook, D. D., and Geffken, assignors.)
Van der Does de Bije, Anne J. M. A. (See Van der Graaf, George A., assignor.)
Van der Graaf, George A., Voorburg, assignor to Anne J. M. A. van der Does de Bije, The Hague, Netherlands. Flue tube for steam boilers. 2,183,757; Dec. 19.
Van der Grinten, Lodewijk P. F., assignor to Naamlooze Vennootschap Chemische Fabriek L. van der Grinten, Venlo, Netherlands. Method and means for measuring radiant energy. 2,161,644; June 6.
Vander Henst, Jan, Houston, Tex., assignor to Gulf Oil Corporation, Pittsburgh, Pa. Completing oil or gas wells. 2,151,029; Mar. 21.
Van Derhoef, Henry E. (See Babcock, D. A., and Van Derhoef.)
Van Derhoef, Henry E., assignor to Eastman Kodak Company, Rochester, N. Y. Film handling machine. 2,143,810; Jan. 10.
Van Derhoef, Henry E., assignor, by mesne assignments, to Eastman Kodak Company, Rochester, N. Y. Film forming process and product. 2,183,520; Dec. 19.
Van der Hoeven, Bernard J. C., Pittsburgh, Pa., assignor to Koppers Company. Coke oven apparatus. 2,158,710; May 16.
Van der Horst, Hajo L. (See Holst, G., and Van der Horst.)
Van der Kroon, Henricus A. (See Koch, T., and van der Kroon.)
Van der Lande, Johannes A. L., assignor to Naamlooze Vennootschap Industrieele Maatschappij Voorheen Noury & Van Der Lande, Deventer, Netherlands. Production of hydrogen peroxide. 2,163,898; June 27.
Van der Lee, Gerrit, assignor to Naamlooze Vennootschap Industrieele Maatschappij Voorheen Noury & Van Der Lande, Deventer, Netherlands. The preparation of a bleaching and sterilizing agent. 2,155,914; Apr. 25.
Van der Lee, Pieter J. (See Kauffmann, W., and van der Lee.)
Vanderlinde, Edward L., Rochester, N. Y. Latch mechanism and operating means therefor. 2,156,004; Apr. 25.
Van der Mark, Jan, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Oscillation generator. 2,153,217; Apr. 4.
Van der Mark, Jan, and G. de Vries, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Circuits for the amplification of electric oscillation. 2,173,910; Sept. 26.
Van Der Meulen, John, Blooming Grove, N. Y. Teat cup for milking machines. 2,156,211; Apr. 25.
Van Der Meulen, John, Blooming Grove, N. Y. Cow tail holder. 2,156,413; May 2.
Van der Meulen, Peter A., assignor to J. R. Ditmars, New Brunswick, N. J. Film-forming composition. 2,152,829; Apr. 4.
Van der Meulen, Peter A., and D. Levowitz, New Brunswick, N. J. Producing butter. 2,168,376; Aug. 8.
Vanderpoel, Albert G. H., and K. W. S. Ostling, assignors to California Machinery & Supply Co. Ltd., Los Angeles, Calif. Engine deceleration and governor control. 2,152,226; Mar. 28.
Vanderpool, Earl L., assignor of one-fourth to S. H. Alexander, Poplar Bluff, and one-fourth to D. X. Greenberg, Kirkwood, Mo. Shoe repair machine. 2,183,055; Dec. 12.
Van der Pyl, Edward, Holden, assignor to Norton Company, Worcester, Mass. Grinding wheel. 2,150,886; Mar. 14.
Van der Pyl, Edward, Holden, assignor to Norton Company, Worcester, Mass. Abrasive wheel. Re. 21,165; July 25.
Van Dersal, Ernest D., Portland, Oreg. Measuring and indicating device. 2,173,188; Sept. 19.
Van der Schalie, Hendrik, The Hague, Netherlands, assignor to Hendrik van der Schalie Corporation, Ridgewood, N. J. Film device. 2,177,505; Oct. 24.
van der Schalie, Hendrik, Corporation. (See van der Schalie, Hendrik, assignor.)
Van Der Sluys, William, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Railway vehicle. 2,177,848; Oct. 31.

Van Der Sluys, William, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Railway vehicle. 2,179,969; Nov. 14.
Van der Spek, Marinus A., Manhattan Beach, Calif. Drinking device. 2,170,282; Aug. 22.
Van der Tuuk, Jacob H., and A. Verhoeff, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Discharge tube and making same. 2,154,368; Apr. 11.
Van der Veen, Hendrik. (See Bergmans, J. van der Veen, and Vervest.)
Van Derveer, Clarence A., Chicago, Ill., assignor, by mesne assignments, to S. Karpen & Bros. Chair seat. 2,151,628; Mar. 21.
Van Derveer, Clarence A., Chicago, Ill., assignor to S. Karpen & Bros. Seat back and the like and forming. 2,163,359; June 20.
Vanderveer, Jewell W., assignor to Erie Malleable Iron Company, Erie, Pa. Marker. 2,154,966; Apr. 18.
Vanderveer, Jewell W., assignor, by mesne assignments, to Erie Malleable Iron Company, Erie, Pa. Demountable rim wheel. 2,178,316; Oct. 31.
Vanderveer, Ora G., Kansas City, Mo. Replaceable fuse plug. 2,170,168; Aug. 22.
Vanderveld, Anthony, assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Showcase sliding door mounting. 2,149.644; Mar. 7.
Vanderveld, Anthony, Grand Rapids, Mich. Gear shifting mechanism. 2,168,592; Aug. 8.
Vanderveld, Anthony, Grand Rapids, Mich. Gear shifting mechanism. 2,169,034; Aug. 8.
Van der Waals, Hendrik G., and G. E. J. Wiessing, Arnhem, Netherlands, assignors, by mesne assignments, to American Enka Corporation, Wilmington, Del. Treating artificial filaments. 2,171,485; Aug. 29.
Vander Wal, Robert J. (See Ralston, A. W., and Vander Wal.)
Vanderwerf, Leonard H. (See Austern, C., and Vanderwerf.)
Vanderwerf, Leonard H., New York, N. Y. Hydraulic steering mechanism for road trailers. 2,152,511; Mar. 28.
Vanderwerf, Leonard H., assignor, by mesne assignments, to Triplex Machine Tool Corp., New York, N. Y. Automotive vehicle. 2,174,493; Sept. 26.
Van der Werth, Fred, Oak Park, Ill. Tooth-brush appliance. 2,172,600; Sept. 12.
Vanderzee, Harry H., Michigan City, Ind., assignor to Westinghouse Electric Elevator Company, Jersey City, N. J. Lock for elevator doors. 2,157,930; May 9.
Van der Ziel, Aldert. (See Strutt, M. J. O., and van der Ziel.)
Vandeveld, Thomas, Kenosha, Wis. Vehicle door lock. 2,174,231; Sept. 26.
Van Dijck, Willem J. D. (See van Wijk, W. R., and van Dijck.)
Van Dijck, Willem J. D. (See van Wijk, W. R., van Dijck, and Bart.)
Van Dijck, Willem J. D., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Batch distillation of liquid mixtures. 2,159,621; May 23.
Van Dijck, Willem J. D., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Extraction process. 2,160,607; May 30.
Van Dijk, Johannes A. (See Waterman, H. I., van Vlodrop, and van Dijk.)
Van Dobbenburgh, J. D. (See Moritz, A. J. L., van Dobbenburgh, Sunderland, and Thurmond.)
Van Doormaal, Piet M., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Penetration index slide rule. 2,173,459; Sept. 19.
Van Dorn, Herbert E., Chicago, Ill., assignor to The Dornvan Corporation. Draft rigging. 2,157,363; May 9.
Van Dorn, Herbert E., Chicago, Ill., assignor to The Dornvan Corporation. Door operating means for electric couplers. 2,157,364; May 9.
Van Dorn, Herbert E., Chicago, Ill., assignor to The Dornvan Corporation. Tight-lock car coupler. 2,164,969; July 4.
Van Driel, Hendrik. (See Broeze, J. J., and van Driel.)
Van Dusen, Charles H., Jr. (See Cooper, H. S., and Van Dusen.)
Van Duyn, Adrianus, Rotterdam, Netherlands. Apparatus for measuring predetermined quantities by weighing. 2,157,197; May 9.
Van Duzee, Edward M. (See Bass, S. L., and Van Duzee.)
Van Duzee, Edward M., deceased, by C. H. Macomber, administrator, assignor to The Dow Chemical Company, Midland, Mich. Preparation of 1-hydroxybenzothiazole. 2,179,987; Nov. 14.
Van Dyck, Arthur F., Yonkers, N. Y., assignor to Radio Corporation of America. Receiver subaudible modulation control circuit. 2,162,901; June 20.
Van Dyck, Arthur F., Yonkers, and A. N. Goldsmith, New York, N. Y., assignors to Radio Corporation of America. Automatic volume control. 2,167,058; July 25.
Van Dyke, George A., New Brunswick, N. J. Brush fastener. 2,144,516; Jan. 17.
Van Dyke, Henry A., Philadelphia, Pa. Vulcanizing unit. Re. 21,232; Oct. 10.
Van Dyke, Owen, Jr. (See Hornback, Arch E., assignor.)
Van Dyke, Russell H. (See Brooker, L. G. S., and Van Dyke.)
Van Es, Adriaan C., Huizen, assignor of one-half to N. V. Maatschappij voor Zwavelzuurbereiding Voorheen G. T. Ketjen & Co., Amsterdam, Netherlands. Extracting ores and the like. 2,142,926; Jan. 3.
Van Es, Adriaan C., Huizen, assignor to N. V. Maatschappij Voor Zwavelzuurbereiding Voorheen G. T. Ketjen & Co., Amsterdam, Netherlands. Extracting ores and the like. 2,168,542; Aug. 8.
Van Eweyk, George W., et al. (See Van Eweyk, William F., assignor.)
Van Eweyk, William F., assignor of one-fourth to G. W. Van Eweyk, one-fourth to C. M. Irwin, and one-fourth to E. P. Murphy, Milwaukee, Wis. Water-purifying apparatus. 2,167,225; July 25.
Van Fleet, Francis M., Elkhart, Ind. Sealing wax applicator. 2,171,486; Aug. 29.
Van Fleet, James. (See Young, Walter H., assignor.)
Vang, Alfred, Detroit, Mich. Automobile heater. 2,143,964; Jan. 17.
Vang, Alfred, assignor to Vance Products, Detroit, Mich. Electric flash percussive welding. 2,159,916; May 23.
Van Geel, Willem C. (See de Boer, J. H., and van Geel.)
Van Geel, Willem C. (See Emmens, H., and van Geel.)
Van Geel, Willem C. (See Holst, G., and van Geel.)
Van Geel, Willem C., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electrode system. 2,156,660; May 2.
Van Geel, Willem C., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electrode system for rectifying or controlling high or intermediate frequency oscillations. 2,161,600; June 6.
Van Geel, Willem C., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Electrode system. 2,161,601; June 6.
Van Gessel, Karel M. (See de Boer, J. H., Bruining, Prakke, and Van Gessel.)
Van Gessel, Karel M., and F. Prakke, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Carbonized electrode tube. 2,146,098; Feb. 7.
Van Gorden, Le Roy C. (See Harker, J. S., and Van Gorden.)
Van Guilder, Walter, Oak Park, assignor to G-M Laboratories, Inc., Chicago, Ill. Electric magnet. 2,162,465; June 13.
Van Halteren, Andrew S., Lansing, Mich., assignor, by mesne assignments, to The Firestone Tire & Rubber Company, Akron, Ohio. Wheel. 2,166,695; July 18.
Van Halteren, Andrew S., East Lansing, Mich., assignor, by mesne assignments, to The Firestone Tire & Rubber Company, Akron, Ohio. Vehicle wheel. 2,175,044; Oct. 3.
Van Hamersveld, John J. N. (See Lange, M. E., and Van Hamersveld.)
Van Hamersveld, John J. N., Cleveland Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,154,546; Apr. 18.
Van Hamersveld, John J. N., Cleveland Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,169,748; Aug. 15.
Van Hamersveld, John J. N., Cleveland Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Machine tool. 2,169,749; Aug. 15.
Van Hamersveld, John J. N., Cleveland Heights, assignor to The Warner & Swasey Company, Cleveland, Ohio. Chuck closing and opening mechanism. 2,180,488; Nov. 21.
Van Harpen, Nicolaas H., Medan, Sumatra, assignor to Algemeene Vereeniging Van Rubberplanters Ter Oostkust Van Sumatra, Sumatra, Netherlands East Indies. Preparing a concentrated rubber dispersion from latex and product. 2,161,731; June 6.
Van Heel, Abraham C. S., Delft, assignor to Associated Acoustics N. V., The Hague, Netherlands. System of lenses. 2,178,057; Oct. 31.
Van Hoffen, Hendrik A. M., Johannesburg, Transvaal, Union of South Africa, assignor to Naamlooze Vennootschap Hollandsche Draad-en Kabelfabriek, Amsterdam, Netherlands. Electric conducting element. 2,165,738; July 11.
Van Hooydonk, Adrian C., assignor to John E. Smith's Sons Company, Buffalo, N. Y. Piston construction. 2,157,039; May 2.
Van Hooydonk, Adrian C., assignor to John E. Smith's Sons Company, Buffalo, N. Y. Meat cutting machine. 2,157,780; May 9.
Van Hooydonk, Adrian C., assignor to John E. Smith's Sons Company, Buffalo, N. Y. Discharge means for meat cutting machines. 2,177,555; Oct. 24.
Vanhorn, James J., assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,151,061; Mar. 21.
Van Horn, Junius B. (See Mendenhall, E., and Van Horn.)
Van Horn, Lee. (See Forrest, H. O., and Van Horn.)
Van Hulst, Jan, and G. H. van Leeuwen, Amsterdam, Netherlands, assignors to The Patent and Licensing Corporation, New York, N. Y. Solidifying soils. 2,158,025; May 9.
Van Hulst, Jan, Amsterdam, Netherlands, assignor to The Patent and Licensing Corporation, Boston, Mass. Impermeabilizing loose subsoil layers or the like. 2,175,804; Oct. 10.
Van Ike, Clayton. (See Bryson, Harry B., assignor.)
Vanity Corset Co. (See Mayer, Milton, assignor.)

Vanity Fair Silk Mills. (See Snader, Howard B., assignor.)
Van Kempen, Peter A., Amtshauptmannschaft Zittau, Jonsdorf, Germany. Apparatus for measuring and marking web materials. 2,174,129; Sept. 26.
Van Keuren, Henry P., Watertown, Mass. Hand tool. 2,168,812; Aug. 8.
Van Keuren, Herbert, and A. C. Wilkins, assignors to The Safety Valve Corporation, Kingstree, S. C. Control valve for water systems. 2,182,268; Dec. 5.
Van Lammeren, Willem P., Voorschoten, Netherlands. Hydraulic power transmission. 2,152,113; Mar. 28.
Van Lammeren, Willem P., Voorschoten, Netherlands. Turbine. 2,158,557; May 16.
Van Leeuwen, Gerrit H. (See van Hulst, J., and van Leeuwen.)
Van Liempt, Johannes A. M., and W. Elenbaas, Eindhoven, Netherlands, assignors to General Electric Company. Electric lamp. 2,164,183; June 27.
Van Loon, Carel J., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Circuit arrangement for facilitating the tuning of radio receiving sets. 2,144,822; Jan. 24.
Van Loon, Carel J., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Tuning indication circuit. 2,153,780; Apr. 11.
Van Loon, Carel J. (See Tellegen, B. D. H., and van Loon.)
Van Loon, Carel J., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Method and device for remote tuning of radio receiving apparatus. 2,152,336; Mar. 28.
Van Lueven, John F. (See Brenbarger, W. V., and Van Lueven.)
Van Marter, Claude H. (See Ott, T. F., Clarke, and Van Marter.)
Van Melsen, Johannes A. (See van Peski, A. J., and Melsen.)
Van Meter, James W., Los Angeles, Calif., assignor, by mesne assignments, to Hercules Oil Well Shooting Company. Method and means for increasing the flow of fluid from well casings. 2,144,208; Jan. 17.
Vannah, Harold P. (See Richter, G. A., and Vannah.)
Vanneman, Daniel R. (See Zerk, O. U., and Vanneman.)
Van Niekerk, Johannes. (See Boer, A. G., van Niekerk, Reerink and van Wijk.)
Van Norman, Frederick D., B. F. Stowell, and R. S. Pyne, assignors to Van Norman Machine Tool Company, Springfield, Mass. Oscillating grinder. 2,149,409; Mar. 7.
Van Norman Machine Tool Company. (See Van Norman, F. D., Stowell, and Pyne, assignors.)
Van Note, Edward B. (See Edwards, D. V., and Van Note.)
Van Note, Lillian M., Waukegan, assignor to Fansteel Metallurgical Corporation, North Chicago, Ill. Hardening refractory metals. 2,170,844; Aug. 29.
Van Nuys, Claude C., Cranford, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Manufacture of gas. 2,177,379; Oct. 24.
Van Orden, Millard E. (See Oldham, Albert H., assignor.)
Vanore, Joseph, Haledon, N. J. Picker stick buffer for looms. 2,181,386; Nov. 28.
Van Overbeek, Adrianus J. W. M. (See Jonker, J. L. H., Löpp, and van Overbeek.)
Van Overbeek, Adrianus J. W. M. (See Jonker, J. L. H., and Van Overbeek.)
Van Overbeek, Adrianus J. W. M. (See Jonker, J. L. H., Löpp, van Overbeek, and Filippo.)
Van Overbeek, Adrianus J. W. M. (See Löpp, E. H., and van Overbeek.)
Van Overbeek, Adrianus J. W. M. (See Vingerhoets, A. W., and van Overbeek.)
Van Overbeek, Adrianus J. W. M., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Secondary electron discharge device. 2,146,607; Feb. 7.
Van Overbeek, Adrianus J. W. M., and E. H. Löpp, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Secondary electron discharge device. 2,167,097; July 25.
Van Overeem, Cornelis. (See Vermeulen, R., and van Overeem.)
Van Pappelendam, Laura, Chicago, Ill. Easel. 2,156,226; Apr. 25.
Van Patten, Louis C., assignor to Cheney Weeder Company, Cheney, Wash. Rod weeder. 2,165,019; July 4.
Van Pelt, Herbert C., assignor to F. H. Noble & Co., Chicago, Ill. Adjustable display shelf and like structure. 2,145,958; Feb. 7.
Van Peski, Adrianus J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Manufacture of olefins. 2,172,228; Sept. 5.
Van Peski, Adrianus J., Amsterdam, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Improving the resistance of a mineral oil. 2,184,944; Dec. 26.
Van Peski, Adrianus J., and J. A. van Melsen, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Process and product relating to organic metal and metalloid-containing complex compounds. 2,150,349; Mar. 14.
Van Peski, Adrianus J., and J. M. Hoeffelman, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Insecticide and fumigant. 2,152,003; Mar. 28.
Van Peski, Adrianus J., and A. J. Tulleners, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Production of alkyl ester salts. 2,152,292; Mar. 28.
Van Peski, Adrianus J., and F. R. Moser, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Extreme pressure lubricants. 2,157,873; May 9.
Van Praag, Harry, New York, N. Y. Girdle. 2,168,009; Aug. 1.
Van Raalte Company. (See Martin, H. C., and Claflin, assignors.)
Van Ranst, Cornelius W., assignor to Packard Motor Car Company, Detroit, Mich. Motor vehicle. 2,146,866; Feb. 14.
Van Riel, Pieter, assignor to N. V. Machinefabriek "Reineveld", Delft, Netherlands. Discharger for centrifugal machines. 2,171,839; Sept. 5.
Van Rijswijk, Willem, Baden, Switzerland. Impeller. 2,164,020; June 27.
Van Riper, Albert M., Bayside, Long Island, N. Y. Support for ladders. 2,147,473; Feb. 14.
Van Riper, John C., Fair Lawn, assignor to Watson-Flagg Machine Company, Paterson, N. J. Operator. 2,182,769; Dec. 5.
Van Roggen, Mathieu. (See Robin, L., and Van Roggen.)
Vansant, William R. (See Little, E. H., and Vansant.)
Van Saun, Raymond H., assignor to Container Corporation of America, Chicago, Ill. Interior packing device. 2,183,177; Dec. 12.
Van Schie, Robert J., Grand Rapids, Mich. Automobile bumper guard. 2,144,695; Jan. 24.
Van Schoor, Marthinus C., Capetown, Union of South Africa. Container for the dispensing of predetermined quantities of powdered, granulated, or liquid materials therefrom. 2,152,004; Mar. 28.
Vanselow, Waldemar. (See Sheppard, S. E., and Vanselow.)
Van Sickel, Ernest J. (See Sandberg, R. A., and Van Sickel.)
Van Sickle, Frank B. (See Brown, C. A., and Van Sickle.)
Van Sickle, Roswell C., Wilkinsburg, and J. M. Cumming, Monroeville, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,160,630; May 30.
Van Sittert, Paul, Cleveland Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Governor for fluid motors. 2,149,645; Mar. 7.
Van Sittert, Paul, Cleveland Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Multiple-way valve. 2,171,316; Aug. 29.
Van Sittert, Paul, Cleveland Heights, assignor to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Rotary tool. 2,182,416; Dec. 5.
Van Sittert, Paul, Cleveland Heights, and J. H. Engeln, assignors to The Cleveland Pneumatic Tool Company, Cleveland, Ohio. Riveting tool. 2,164,970; July 4.
Van Stone, Clifford E., and A. E. Johnson, Taft, Calif. High pressure hose. 2,184,984; Dec. 26.
Van Taylor, Leland. (See Cochran, P. B., Hitt, and Van Taylor.)
Van Tiger, Roy J. (See Poole, J. D., and Barnes, assignors.)
Van Tongeren, Hermannus, Heemstede, Netherlands. Dust separator. 2,152,114; Mar. 28.
Van Tongeren, Hermannus, Heemstede, Netherlands. Dust collector. 2,152,115; Mar. 28.
Van Tonningen, Johannes H. W. R., The Hague, Netherlands, assignor to Shell Development Company, San Francisco, Calif. Fractionating method. 2,149,943; Mar. 7.
Van Valkenburg, Hermon L., Wauwatosa, Wis., assignor to Square D Company, Detroit, Mich. Enclosed electric device. 2,177,756; Oct. 31.
Van Veen, Anton, West Hartford, Conn., assignor to The Denominator Company, New York, N. Y. Totalizer for counting machines. 2,175,621; Oct. 10.
Van Vliet, John D., Grand Haven, Mich. Resilient wing for airplanes. 2,182,366; Dec. 5.
Van Urk, Arend T., and R. Vermeulen, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Device for reproducing sound. 2,160,112; May 30.
Van Uum, John H., Lakewood, Ohio. Self-locking retaining clip. 2,144,171; Jan. 17.
Van Uum, John H., Lakewood, Ohio. Spring clip device. 2,147,779; Feb. 21.
Van Uum, John H., Lakewood, Ohio. Spring clip device. 2,148,091; Feb. 21.
Van Uum, John H., Lakewood, Ohio. Bead trim retainer clip. 2,154,711; Apr. 18.
Van Uum, John H., Lakewood, Ohio. Self-locking securing device. 2,154,712; Apr. 18.
Van Uum, John H., Lakewood, Ohio. Spring clip retaining device for bead trim. 2,156,669; May 2.
Van Uum, John H., Lakewood, Ohio. Spring clip device. 2,156,670; May 2.
Van Uum, John H., Lakewood, Ohio. Resilient securing device. 2,163,455; June 20.
Van Uum, John H., Lakewood, Ohio. Spring clip device. 2,173,524; Sept. 19.
Van Valkenburg, Hermon L., Wauwatosa, Wis., assignor to Square D Company, Detroit, Mich. Contactor construction. 2,145,327; Jan. 31.

Van Veen, Anton, West Hartford, Conn., assignor to American Machine & Foundry Company. Strip sealer for wrapping machines. 2,149,944; Mar. 7.
Van Vliet, Paul D. (See Jordan, W. D., and Van Vliet.)
Van Vlodrop, Cornelus. (See Waterman, H. I., and van Vlodrop.)
Van Vlodrop, Cornelus. (See Waterman, H. I., van Vlodrop, and van Dijk.)
Van Voorhees, Harold E., Detroit, Mich. Automobile door latch mechanism. 2,143,965; Jan. 17.
Van Voorhees, Harold E., Detroit, Mich., assignor to General Motors Corporation, Dayton, Ohio. Latch. 2,153,819; Apr. 11.
Van Vorst, John. (See Pittman, Franklin L., assignor.)
Van Vulpen, John, assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Flexible metallic hose. 2,150,471; Mar. 14.
Van Vulpen, John, assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Support for radiating pipes. 2,160,689; May 30.
Van Wagenen, James H., Washington, D. C., deceased: L. J. Van Wagenen executrix, assignor to L. J. Van Wagenen. Freewheeling register installation. 2,159,915; May 23.
Van Wagenen, Lois J., executrix. (See Van Wagenen, James H.)
Van Weenen, Franciscus L., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Device for feeding films. 2,172,812; Sept. 12.
Van Westrum, Colby. (See Hume, J. T., and Van Westrum.)
Van Westrum, Colby, assignor to L. A. Layne, Houston, Tex. Well strainer. 2,155,744; Apr. 25.
Van Wijk, Aart. (See Boer, A. B., van Niekerk, Reerink and van Wijk.)
Van Wijk, Willem R., Amsterdam, and W. J. D. van Dijck, The Hague, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Extracting ethereal oils. 2,154,713; Apr. 18.
Van Wijk, Willem R., Amsterdam, W. J. D. van Dijck, The Hague, and A. J. C. Bart, Amsterdam, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Fractionating hydrocarbon oils. 2,173,460; Sept. 19.
Van Winkle, William R. (See Richards, J. B., and Van Winkle.)
Van Wirt, Alfred., A. G. Aylies, and G. F. Jones, assignors to Imperial Paper and Color Corporation, Glens Falls, N. Y. Drying pigments. 2,152,716; Apr. 4.
Van Wulpen, John. (See Gillick, L. H., and Van Vulpen.)
Van Wyk, Aart. (See Elenbaas, W., Jonas, and van Wyk.)
Van Wynen, Russell, Westmount, Quebec, Canada, assignor to Schick Industries Limited, Nassau, Bahama Islands. Contact device. 2,158,164; May 16.
Van Yahres, George, Westbury, N. Y. Tree cavity filling and filler block therefor. 2,147,865; Feb. 21.
Van Yahres, George, Westbury, N. Y. Tree cavity filling and filler block therefor. 2,147,866; Feb. 21.
Van Zale, George, Bay City, Mich. Tire removing tool. 2,157,443; May 9.
Vapor Car Heating Company. (See Gillick, L. H., and Van Vulpen, assignors.)
Vapor Car Heating Co. (See Keeran, William C., assignor.)
Vapor Car Heating Company. (See Parks, Paul B., assignor.)
Vapor Car Heating Company. (See Parks, P. B., and Lehane, assignors.)
Vapor Car Heating Company. (See Parks, P. B., and Miller, assignors.)
Vapor Car Heating Company. (See Parks, P. B., and Smith, assignors.)
Vapor Car Heating Company. (See Russell, E. A., and Wilson, assignors.)
Vapor Car Heating Company. (See Van Vulpen, John, assignor.)
Vapor Car Heating Company. (See Wilson, Walter W., assignor.)
Vapo Systems Equipment Company. (See Flint, George C., assignor.)
Varga, Alexander, Budapest, Hungary. Heat exchanger and making same. 2,151,540; Mar. 21.
Varga, Louis, assignor to Midwest Car Company, Chicago, Ill. Brake beam equalizer safety support. 2,184,690; Dec. 26.
Varga, Paul, Stamford, Conn. Portable Turkish or Russian steam bath. 2,151,490; Mar. 21.
Vargas, Manuel P., near Livermore, Calif. Power mower. 2,150,350; Mar. 14.
Varian, Russell H., San Francisco, Calif., assignor, by mesne assignments, to Farnsworth Television & Radio Corporation, Dover, Del. Cathode ray oscilloscope. 2,153,949; Apr. 11.
Varley, Thomas W., Staten Island, N. Y., assignor, by mesne assignments, to H. A. Richards, Stamford, Conn. Electronic amplifying coupler and system therefor. 2,166,775; July 18.
Varner, Dana P., Melvindale, Mich. Electrode holder. 2,174,809; Oct. 3.
Varney, Frederick M., West Los Angeles, and L. E. Redwine, Los Angeles, Calif. Method of and apparatus for taking earth cores. 2,176,477; Oct. 17.
Varney, Lloyd W., Los Angeles, Calif. Self-service store construction. 2,176,384; Oct. 17.
Varona, Eulalio M., Tacloban, P. I. Firearm. 2,144,091; Jan. 17.
Vasanta Machinenfabrik A.-G. (See Seidel, Richard, assignor.)
Vascoloy-Ramet Corporation. (See Dennis, Walter J., assignor.)
Vassallo, Peter, Avalon, N. J. Refrigerator. 2,142,464; Jan. 3.
Vasta, Joseph, New York, N. Y. Clutch mounting. 2,179,360; Nov. 7.
Vastano, Frederick A., and J. Otten, Paterson, N. J. Sled. 2,162,039; June 13.
Vater, Christian J., Mason, Tex. Windmill coupler. 2,172,915; Sept. 12.
Vaudet, Paul L., Saint-Sernin du Plain, assignor to "Societe Provençale de Constructions Aeronautiques", Paris, France. Fuel feed pump. 2,147,390; Feb. 14.
Vaughan, Arthur H., assignor to The Electric Furnace Company, Salem, Ohio. Heater for furnaces and operating the same. 2,146,410; Feb. 7.
Vaughan, Arthur H., assignor to The Electric Furnace Company, Salem, Ohio. Bearing construction for roller hearth furnaces. 2,175,233; Oct. 10.
Vaughan, Arthur H., assignor to The Electric Furnace Company, Salem, Ohio. Controlled atmosphere heat treatment. 2,180,376; Nov. 21.
Vaughan, Arthur H., assignor to The Electric Furnace Company, Salem, Ohio. Forced circulation fuel fired furnace. 2,181,928; Dec. 5.
Vaughan, Berkeley S., assignor to L. Wheeler, Geneva, Ill. Holder for leaves, cards, and the like. 2,162,594; June 13.
Vaughan & Bushnell Mfg. Co. (See Vaughan, Sanford S., assignor.)
Vaughan, Frank P. (See Gilling, E. A., Vaughan, and Krueger.)
Vaughan, Henry E., Valley Stream, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Voltage limiter. 2,149,372; Mar. 7.
Vaughan, Henry E., Valley Stream, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Measuring circuit. 2,155,696; Apr. 25.
Vaughan, James A., Tulsa, Okla. Clasp. 2,153,853; Apr. 11.
Vaughan Motor Co. (See Weiss, Samuel, assignor.)
Vaughan Novelty Mfg. Co. Inc. (See Murdock, James A., assignor.)
Vaughan, Sanford S., Oak Park, assignor to Vaughan & Bushnell Mfg. Co., Chicago, Ill. Hammer. 2,184,985; Dec. 26.
Vaughan, William H., Palestine, Tex., assignor to Tidewater Associated Oil Company, Tulsa, Okla., and Seaboard Oil Company of Delaware, Dallas, Tex. High-pressure gas process. 2,151,248; Mar. 21.
Vaughn, David C., Tulia, Tex. Antifriction bearing for connecting rods. 2,146,663; Feb. 7.
Vaughn, John E., Chicago, Ill., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Coupler operating device. 2,142,809; Jan. 3.
Vaughn, John I., assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,156,671; May 2.
Vaughn Machinery Company. (See McIlvried, E. J., and Nye.)
Vaughn Machinery Company, The. (See Nye, M. A., and McIlvried, assignors.)
Vaughn, Marguerite E., assignor to Natick Box and Board Co., Natick, Mass. Box. 2,162,235; June 13.
Vaughn Novelty Mfg. Co. Inc. (See Ewan, Joseph E., assignor.)
Vaughn, Sidney P., San Diego, Calif. Method and means for attaching spongy material to backings or holders. 2,150,196; Mar. 14.
Vaughn, Sidney P., San Diego, Calif. Wringer mop. 2,153,601; Apr. 11.
Vaughn, Sidney P., San Diego, Calif. Cleaning device. 2,163,638; June 27.
Vaughn, Sidney P., United States Navy, San Diego, Calif. Mop. 2,165,319; July 11.
Vaughn, Thomas H. (See Lytle, A. R., and Vaughn.)
Vaughn, Thomas H., Niagara Falls, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Production of highly active metal carbides. 2,156,365; May 2.
Vaughn, Thomas H., Niagara Falls, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Producing 1.4-ethylenic glycols. 2,157,365; May 9.
Vaughn, Thomas H., Niagara Falls, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Preparation of acetylenic alcohols. 2,163,720; June 27.
Vaughn, Thomas H., Niagara Falls, N. Y., assignor to Union Carbide and Carbon Research Laboratories, Inc. Preparation of acetylenic carbinols. 2,175,581; Oct. 10.
Vaughn, Thomas H., and D. R. Jackson, Niagara Falls, N. Y., assignors to Union Carbide and Carbon Research Laboratories, Inc. Preparing isophorone. 2,183,127; Dec. 12.
Vavrik, Louis, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Frame for a glider or the like. 2,160,927; June 6.
Vayda, Louis L., Aspinwall, and J. A. Stein, Pittsburgh, Pa. Process and apparatus for analyzing gas. 2,143,041; Jan. 10.

Vea, Norman D., Dover, Ohio, assignor to Knapp-Monarch Company, St. Louis, Mo. Sadiron attachment. 2,162,140; June 13.
Veal, Clarence R., Albany, Oreg. Tray attachment means. 2,155,813; Apr. 25.
Veale, Charles C., West Chicago, Ill., assignor to Western Electric Company Incorporated, New York, N. Y. Cover for coin receptacles. 2,172,554; Sept. 12.
Veazey, Marion H., Rutherford, N. J., assignor to The Patent and Licensing Corporation, New York, N. Y. Artificially colored granules and making same. 2,142,540; Jan. 3.
Veazey, Marion H., Rutherford, assignor to The Patent and Licensing Corporation, New York, N. Y. Making artificially colored granules. 2,168,593; Aug. 8.
Veber, Clinton P., Highland Park, assignor to Endowment Foundation, New Brunswick, N. J. Combination time lapse and photoelectric exposure control mechanism. 2,156,440; May 2.
Vecchi, Emilio E., Des Moines, Iowa. Garment. 2,177,543; Oct. 24.
Veco Corporation. (See Venzie, Frederick M., assignor.)
Vedder, Edwin H. (See Dawson, J. W., and Vedder.)
Vedder, Edwin H., Forest Hills, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge apparatus. 2,156,886; May 2.
Vedder, James B., et al. (See Maxwell, Walter, assignor.)
Vedder, Robert V., Oklahoma City, Okla. Wrist watch protector. 2,182,830; Dec. 12.
Veeder, Curtis H., Hartford, Conn. Astronomical mirror. 2,152,394; Mar. 28.
Veeder, Curtis H., Hartford, Conn. Theodolite. 2,153,109; Apr. 4.
Veeder-Root, Incorporated. (See Bliss, Harvey N., assignor.)
Veeder-Root Incorporated. (See Manke, Gustave L., assignor.)
Veeder-Root, Incorporated. (See Spaunburg, Harvey L assignor.)
Veenemans, Cornelis F., E. H. Löpp, and H. Bruining, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Secondary electron emitter and making it. 2,159,774; May 23.
Vega Airplane Company. (See Menasco, Albert S., assignor.)
Vegetable Oil Products Company. (See Behr, Otho M., assignor.)
Vehicular Parking, Ltd. (See Woodruff, W. N., Toce, and Herschede, assignors.)
Vehko, James. (See Avery, C. W., and Vehko.)
Vehko, James, Detroit, Mich., assignor to The Murray Corporation of America. Producing stampings. 2,166,226; July 18.
Veillette, Jeffery J., assignor to Scovill Manufacturing Company, Waterbury, Conn. Self-piercing stud assembly. 2,160,374; May 30.
Veit, Conrad, Detroit, Mich. Index device. 2,152,227; Mar. 28.
Veitch, Thomas, Allenhurst, N. J. Advertising display mechanism. 2,168,723; Aug. 8.
Velde, Hermann, and H. Tramm, assignors to Ruhrchemie Aktiengesellschaft, Oberhausen-Holten, Germany. Producing liquid fuels from gaseous olefins. 2,149,562; Mar. 7.
Vélez, Rafael V., Guagua, P. I. Button. 2,176,649; Oct. 17.
Velin, Bert G., G. E., and M. H., Maple, Wis. Toothpick dispenser. 2,178,944; Nov. 7.
Velin, Gosta E. (See Velin, Bert G., G. E., and M. H.)
Velin, Marcus H. (See Velin, Bert G., G. E., and M. H.)
Vellumoid Company, The. (See Hills, Leander H., assignor.)
Velo, Anthony. (See Curioni, A., and Velo.)
Velo, Anthony C., Lancaster, Pa., assignor to Vaco Products, Inc. Automatic clutch controlling means. 2,181,470; Nov. 28.
Velo, Anthony C., Lancaster, Pa., assignor to Vaco Products, Inc. Automatic gear shift for vehicles. 2,181,471 Nov. 28.
Velten, Hubert J. (See Ziebolz, H., and Velten.)
Venable, William H., Pittsburgh, assignor to Blaw-Knox Company, Blawknox, Pa. Device for feeding material. 2,153,030; Apr. 4.
Venable, William M., assignor to Blaw-Knox Company, Pittsburgh, Pa. Paving apparatus and method. 2,145,959; Feb. 7.
Venable, William M., Pittsburgh, assignor to Blaw-Knox Company, Blawnox, Pa. Gas generator. 2,182,684; Dec. 5.
Venable, William M., assignor to Blaw-Knox Company, Pittsburgh, Pa. Dispensing device. 2,184,172; Dec. 19.
Venditty, Anthony, assignor to Crawford Door Company, Detroit, Mich. Door operating mechanism. 2,142,161; Jan. 3.
Venditty, Anthony, Detroit, Mich., assignor to Thompson Products, Incorporated, Cleveland, Ohio. Ball joint and making same. 2,182,601; Dec. 5.
Vendope, Van L., assignor of thirty-three and one-third per cent to R. Burdick and thirty-three and one-third per cent to A. S. Baron, Dallas, Tex. Display device. 2,156,553; May 2.
Venema, William, Cicero, Ill. Dump truck and loader therefor. 2,170,932; Aug. 29.
Venn-Severin Machine Co. (See Severin, Frank W., assignor.)
Venner, Clarence H. (See Herzig, Leonard A., assignor.)
Venolia, Joseph, Spadra, Calif. Poultry nest. 2,169,775; Aug. 15.
Venrick, Emmett E., assignor to American Asphalt Roof Corporation, Kansas City, Mo. Shingle. 2,161,440; June 6.
Venting, Royce, London, England, assignor to Victor Advertisements Limited, Southend-on-Sea, England. Illuminated advertising device for cash registers. 2,178,087; Oct. 31.
Vento Steel Products Company. (See Mercer, James M., assignor.)
Ventresca, Ercole, Houston, Tex. Outside pipe cutter. 2,175,622; Oct. 10.
Ventrite, Inc. (See Hucke, Charles H., assignor.)
Venzie, Frederick M., Philadelphia, Pa., assignor to National Gypsum Company, Buffalo, N. Y. Wall surfacing unit. 2,150,997; Mar. 21.
Venzie, Frederick M., Philadelphia, Pa., assignor to Veco Corporation. Building construction. 2,153,014; Apr. 4.
Venzie, Frederick M., Philadelphia, Pa., assignor to Veco Corporation. Building construction. 2,153,320; Apr. 4.
Veracol Film Syndicate Limited, The. (See Murray, H. D., and Spencer, assignors.)
Verbeeck, Joseph, London, England. Automatically operable organ. 2,155,158; Apr. 18.
Verbeek, Arnold, Wustenbrand, Germany, assignor to Kalio, Inc., New York, N. Y. Knitting machine. 2,153,602; Apr. 11.
Verbeek, Arnold F., Wustenbrand, Germany, assignor to Kalio, Inc., New York, N. Y. Knitting machine. 2,166,851; July 18.
Verbeek, Arnold F., Wustenbrand, Germany, assignor to Kalio, Inc., New York, N. Y. Flat knitting machine. 2,176,650; Oct. 17.
Ver Bockel, Albert J., Green Bay, Wis. Support for accordions. 2,163,859; June 27.
Verderber, Joseph, Cleveland, Ohio. Socket-shank structure. 2,167,014; July 25.
Verderber, Joseph, Cleveland, Ohio. Machine tool. 2,167,189; July 25.
Verderber, Joseph, Cleveland, and E. F. Batterman, East Cleveland, Ohio. Speed varying mechanism. 2,153,997; Apr. 11.
Verderber, Joseph, Cleveland, and E. F. Batterman, East Cleveland, Ohio. Cam mechanism. 2,153,998; Apr. 11.
Vereinigte Chemische Fabriken Kreidl, Heller & Co., Mfg. (See Kreidl, Ignaz, assignor.)
Vereinigte Deutsche Metallwerke Aktiengesellschaft. (See Ebert, Heinrich, assignor.)
Vereinigte Deutsche Metallwerke Aktiengesellschaft. (See Schaarwächter, C., and Ruppelt, assignors.)
Vereinigte Deutsche Metallwerke Aktiengesellschaft. (See Vaders, Eugen, assignor.)
Vereinigte Faerereien und Appretur Aktien-Gesellschaft. (See Hannig, Max, assignor.)
Vereinigte Spielwarenfabriken Andreas Förtner J. Haffner's Nachf. (See Fischer, Oswald, assignor.)
Vereinigte Spielwarenfabriken Andreas Fortner & J. Hoffner's Nachf. G. m. b. H. (See Kahn, S., and Beyer, assignors.)
Vergobbi, John G., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Paper feeding mechanism. 2,147,223; Feb. 14.
Vergobbi, John G., assignor to Pneumatic Scale Corporation, Limited, Quincy, Mass. Container forming machine. 2,168,543; Aug. 8.
Verhagen, Christian M. (See Hagerty, A. T., and Verhagen.)
Verhagen, Christian M., Elkhart, Ind., assignor to The Adlake Company, Chicago, Ill. Sash guide. 2,153,218; Apr. 4.
Verhagen, Christian M., assignor to The Adlake Company, Chicago, Ill. Window construction. 2,162,364; June 13.
Verhoeff, Adrianus. (See van der Tuuk, J. H., and Verhoeff.)
Verhoeff, Adrianus, assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlends. X-ray tube. 2,148,000; Feb. 21.
Verkinderen, Honoré, Mortsel, near Antwerp, assignor to Gevaert Photo-Producten N. V., Oude-God, Antwerp, Belgium. Cassette for cinematographic cameras. 2,165,739; July 11.
Verkinderen, Honoré, Mortsel, near Antwerp, assignor to Gevaert Photo-Producten N. V., Antwerp, Belgium. Photographic material. 2,167,732; Aug. 1.
Verlay, Achille, Longueil-Annel, assignor to Societe Anonyme des Manufactures des Glaces & Produits Chimiques de Saint-Gobain, Chauny & Cirey, Paris, France. Method and means for shaping glass. 2,167,318; July 25.
Ver Meulen, James M. (See Morgan, E. B., and Ver Meulen.)
Ver Meulen, James M., and G. Bucher, assignors to American Seating Company, Grand Rapids, Mich. Ventilating system. 2,165,593; July 11.
Vermeulen, Roelof. (See van Urk, A. T., and Vermeulen.)
Vermeulen, Roelof, and C. van Overeem, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Device for mechanical recording. 2,154,589; Apr. 18.

Vermiculite Corporation of America. (See Burke, James P., assignor.)
Vernam, Gilbert S., Hackensack, N. J., assignor to Postal Telegraph-Cable Company (New York), New York, N. Y. Automatic printing telegraph exchange system. 2,170,669; Aug. 22.
Vernhes, Pierre L., Johnstown, N. Y. Glove. 2,163,721; June 27.
Vernick, Herman J., Ferris, Ontario, Canada. Tea and coffee dispenser. 2,173,988; Sept. 26.
Vernon, Ernest E., Iroquois, S. Dak., assignor to Wolverine Supply and Manufacturing Company, Pittsburgh, Pa. Game. 2,146,457; Feb. 7.
Vernon, Murray, Greenwich, Conn. Loose-leaf book and pencil holder. 2,184,823; Dec. 26.
Vernon Tool Co. (See Corwin, Harry L., assignor.)
Vernor, James, Company. (See Doughty, William E., assignor.)
Veron, Vernon J., Portland, Oreg. Honing device for shears. 2,155,175; Apr. 18.
Verplanck, Philip, Akron, Ohio. Switching system. 2,168,010; Aug. 1.
Verrett, George P. (See Smith, William W., assignor.)
Verse, Hansheinrich, Braunschweig, Germany, assignor to General Electric Company. Transmission system. 2,148,384; Feb. 21.
Versoy, Irving R., assignor to The Berger Brothers Company, New Haven, Conn. Lace fastening for corsets and the like. 2,166,227; July 18.
Versoy, Irving R., assignor to The Berger Brothers Company, New Haven, Conn. Maternity corset. 2,180,178; Nov. 14.
Versoy, Irving R., assignor to The Berger Brothers Company, New Haven, Conn. Hose supporter buckle and the like. 2,180,179; Nov. 14.
Versoy, Irving R., assignor to The Berger Brothers Company, New Haven, Conn. Controlling bandeau. 2,180,180; Nov. 14.
Versoy, Irving R., assignor to The Berger Brothers Company, New Haven, Conn. Device for posture study. 2,180,181; Nov. 14.
Versteeg, Johannes M. (See Schaafsma, A., and Versteeg.)
Vertel, Bela V., et al. (See Német, Nándor, assignor.)
Vertriebs-Gesellschaft des Leipziger Leichtmetall-Werk m. b. H. (See List, H., and Hagedorn, assignors.)
Verueren, Jean. (See Hagendorn, J. E., and Varvueren, assignors.)
Vervest, Wilhelmus L. (See Bergmans, J., van der Veen, and Vervest.)
Vervueren, Jean. (See Hagendorn, J. E., and Vervueren.)
Very, William R. M., Philadelphia, Pa. Electrical signaling system and device therefor. 2,171,152; Aug. 29.
Very, William R. M., Haddonfield, N. J., assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigerator construction. 2,169,201; Aug. 8.
Verzi, Linus A., Arlington, assignor of one-half to E. N. Hosmer, Arlington County, Va. Fish lure. 2,180,918; Nov. 21.
Vesce, Vincent C., New York, N. Y., assignor to Harmon Color Works, Inc., Haledon, N. J. Azo pigment and method of preparing. 2,174,954; Oct. 3.
Vespa, William G., Chicago, Ill., assignor to C. G. Conn, Ltd., Elkhart, Ind. Accordion. 2,173,617; Sept. 19.
Vessie, Florence A. (See Vessie, Percy R., assignor.)
Vessie, Percy R., Briarcliff Manor, N. Y., assignor to F. A. Vessie, Blythewood, Greenwich, Conn. Ferrated colloidal molybdenum. 2,150,472; Mar. 14.
Vest, Edward T., Richmond, Va. Quick change edge trimmer. 2,162,141; June 13.
Vestal Chemical Company. (See Pollnow, Charles F., assignor.)
Vesterdal, Hans G. (See Whiteley, J. M., and Vesterdal.)
Vesterdal, Hans G., Linden, N. J., assignor to Standard Oil Development Company. Recovery of valuable products from spent soda used in petroleum refining. 2,174,023; Sept. 26.
Vestergren, Harry E. M., assignor to G. Sylvén, Stockholm, Sweden. Fastening attachable heels or soles to shoes. 2,151,341; Mar. 21.
Veteran, William E., assignor to J. N. Viveiros, Niles, Calif. Clothesline pulley. 2,182,602; Dec. 5.
Vetro, Samuel, Rochester, N. Y. Powered toy and energizing method therefor. 2,164,099; June 27.
Vey, Kurt, Brooklyn, N. Y. Wash line coupling. 2,179,107; Nov. 1.
Vezin, Ralph. (See Duval, M. H., and Vezin.)
Vial, Frederick K., assignor to Griffin Wheel Company, Chicago, Ill. Process and apparatus for operating a primary furnace. 2,167,596; July 25.
Viber Company. (See Jorgensen, Enoch B., assignor.)
Vibra-Lite Limited. (See Armstrong, Henry, assignor.)
Vibra-Lite Limited. (See Armstrong, H., and Jones, assignors.)
Vickers-Armstrongs Limited. (See Smith, Charles V., assignor.)
Vickers-Armstrongs Limited. (See Wallis, Barnes N., assignor.)
Vickers-Armstrongs Limited. (See Watson, John P., assignor.)
Vickers, Harry F. (See Herman, K. R., and Vickers.)
Vickers, Harry F., Washington, D. C. Bomb release mechanism. 2,164,672; July 4.
Vickers, Harry F., Detroit, Mich. Apparatus for governing movement of hand controlled power transmission. 2,164,971; July 4.
Vickers, Harry F., assignor to Vickers, Incorporated, Detroit, Mich. Hydraulic hoisting unit and control system therefor. 2,171,204; Aug. 29.
Vickers, Harry F., assignor to Vickers, Incorporated, Detroit, Mich. Frictional gearing. 2,182,458; Dec. 5.
Vickers, Harry F., assignor to Vickers, Incorporated, Detroit, Mich. Valve housing and rotor. 2,182,459; Dec. 5.
Vickers, Incorporated. (See Harrington, Ferris T., assignor.)
Vickers, Incorporated. (See Herman, K. R., and Vickers, assignors.)
Vickers Incorporated. (See Nye, Hugh C., assignor.)
Vickers, Incorporated. (See Sweeny, Charles P., assignor.)
Vickers, Incorporated. (See Vickers, Harry F., assignor.)
Vickers, Theodore W., Los Angeles, Calif. Warning signal for braking systems. 2,161,441; June 6.
Vickers, Theodore W., Los Angeles, Calif. Hydraulic braking system. 2,163,294; June 27.
Vickery, Alfred E., Bridgeport, Conn., assignor to Remington Rand, Inc., Buffalo, N. Y. Platen and/or feed roller for typewriting and like machines. 2,182,141; Dec. 5.
Vickery, Frederick P., Sacramento, assignor to California Spray-Chemical Corporation, Berkeley, Calif. Producing high saturation oils. 2,149,752; Mar. 7.
Vickery, Frederick W., Westminster Bridge, London, England. Felt conditioner for paper-making machines. 2,173,317; Sept. 19.
Vickery, Ralph W. E., Brockton, Mass. Electric steam generator. 2,180,445; Nov. 21.
Victor Adding Machine Company. (See Garbell, Max, assignor.)
Victor Adding Machine Company. (See Uhlig, George J., assignor.)
Victor Advertisements Limited. (See Venting, Royce, assignor.)
Victor, Arthur P., assignor of one-half to H. E. Victor, Minneapolis, Minn. Tubular boiler. 2,178,619; Nov. 7.
Victor Chemical Works. (See Knox, William H., Jr., assignor.)
Victor Chemical Works. (See Kramer, Leroy A., assignor.)
Victor Chemical Works. (See Schlaeger, Julian R., assignor.)
Victor Development and Patent Company. (See Orr, Harry A., assignor.)
Victor Equipment Co. (See Stettner, Ludwig W., assignor.)
Victor, Herman E. (See Victor, Arthur P., assignor.)
Victor, John H., Wilmette, and J. B. Victor, Oak Park, assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Reinforced laminated gasket. 2,157,102; May 9.
Victor, John H., Wilmette, W. A. Heinze, Chicago, and W. F. Bernstein, Brookfield, assignors to Victor Manufacturing & Gasket Company, Chicago, Ill. Plastic fluid seal structure. 2,172,325; Sept. 5.
Victor, Joseph B. (See Victor, John H. and J. B.)
Victor, Joseph B., Oak Park, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Grease retainer with unitary diaphragms and supports. 2,167,603; July 25.
Victor, Joseph B., Oak Park, assignor to Victor Manufacturing & Gasket Company, Chicago, Ill. Grease retainer with copper washer. 2,173,006; Sept. 12.
Victor Manufacturing & Gasket Company. (See Heinze, William A., assignor.)
Victor Manufacturing & Gasket Company. (See Heinze, W. A., and Bernstein, assignors.)
Victor Manufacturing & Gasket Company. (See Peterson, R. O., and Bernstein, assignors.)
Victor Manufacturing & Gasket Company. (See Russell, Cass B., assignor.)
Victor Manufacturing & Gasket Company. (See Schmied, Joseph M., assignor.)
Victor Manufacturing & Gasket Company. (See Victor, John H. and J. B., assignors.)
Victor Manufacturing & Gasket Company. (See Victor, Joseph B., assignor.)
Victor Manufacturing & Gasket Company. (See Victor, J. H., Heinze, and Bernstein, assignors.)
Victor Metal Products Corporation. (See Britt, Frank W., assignor.)
Victor Metal Products Corporation. (See Hoch, John, assignor.)
Victor Metal Products Corporation. (See Jecusco, Mark A., assignor.)
Victor Metal Products Corporation. (See Jung, Albert H., assignor.)
Victor Metal Products Corporation. (See Kronman, Joel, assignor.)
Victor Metal Products Corporation. (See Temple, George W., assignor.)
Victor Metal Products Corporation. (See Temple, Harold F., assignor.)
Victor, Paul F., Oak Park, Ill. Filtering device. 2,144,444; Jan. 17.
Victoreen, John A., South Euclid, Ohio. Potential measuring apparatus. 2,162,412; June 13.

Vidal, Charles H., London, England. Cleaning apparatus. 2,168,692; Aug. 8.
Vidal, John F. B., Purley, assignor to J. Stone & Company, Limited, Deptford, England. Temperature control in refrigerating or cooling apparatus. 2,172,916; Sept. 12.
Vidaver, Maxwell, New York, N. Y. Treating apparatus. 2,163,816; June 27.
Vidmar, John P., Mountain Iron, Minn. Gasoline tank cap operator. 2,151,249; Mar. 21.
Viehmann, John C., Flushing, N. Y. Table with drawer. 2,171,772; Sept. 5.
Viehweger, August, New Paltz, N. Y., assignor to Grand Rapids Hardware Company, Grand Rapids, Mich. Window sash balance. 2,178,533; Oct. 31.
Vienneau, Jacob J., Pittsfield, Mass., assignor to General Electric Company. Making flanged cylinders. 2,167,539; July 25.
Vierl, Hermann, Groebenzell, near Munich, Germany. Scanning device. 2,145,562; Jan. 31.
Vierling, Karl. (See Wolff, W., and Vierling.)
Vierling, Otto. (See Sauer, H., and Vierling.)
Vierow, Emil A., Pittsburgh, Pa. Regenerative furnace. 2,158,095; May 16.
Viers, Eugene D., Lakewood, and B. C. Case, assignors, by mesne assignments, to Eaton Manufacturing Company, Cleveland, Ohio. Electrodeposition of nickel. 2,183,384; Dec. 12.
Vieth, Leonard, Jackson Heights, C. F. Wiebusch, New York, and G. R. Yenzer, Hollis, assignors to Bell Telephone Laboratories, Incorporated, New York, N. Y. Vibratory system. 2,161,489; June 6.
Vietti, William V., Houston, Tex., assignor to The Texas Company, New York, N. Y. Screening wells. 2,167,190; July 25.
Vietti, William V., and A. D. Garrison, Houston, Tex., assignors to The Texas Company, New York, N. Y. Drilling muds. 2,146,693; Feb. 7.
Vietti, William V., and A. D. Garrison, Houston, Tex., assignors to The Texas Company, New York, N. Y. Drilling wells. 2,165,823; July 11.
Vietti, William V., and A. D. Garrison, Houston, Tex., assignors to The Texas Company, New York, N. Y. Drilling wells. 2,165,824; July 11.
Vietti, William V., and J. K. Butler, Houston, Tex., assignors to The Texas Company, New York, N. Y. Method and apparatus for screening wells. 2,167,191; July 25.
Vigborg, Karl M., assignor to Kooperativa Förbundet Förening u. p. a., Stockholm, Sweden. Tens transmitting device. 2,178,272; Oct. 31.
Viglione, Enrique A. (See Alvarez, N. M. A. A. A., and Viglione.)
Vignati, Julius. (See Reich, Otto, assignor.)
Vigne, Albert, Webster Groves, and I. E. Cox, Kirkwood, assignors to National Bearing Metals Corporation, St. Louis, Mo. Dust guard. 2,152,937; Apr. 4.
Vigneault, Edmond. (See Pothier, P., and Vigneault.)
Vigneault, Edmond, assignor to Franco-American Patents Limited, Trois-Rivieres, Quebec, Canada. Steam boiler. 2,158,735; May 16.
Vignos, Charles, and C. D. Vollmer, Canton, Ohio. Automobile theft alarm and ignition lock. 2,153,903; Apr. 11.
Vignos, James C., assignor to Ohio Ferro-Alloys Corporation, Canton, Ohio. Making steel. 2,179,167; Nov. 7.
Vigorith, Anthony, E. J. Story, and J. M. Delaney, Cincinnati, Ohio, assignors to United Shoe Machinery Corporation, Paterson, N. J. Shoe sole and heel construction. 2,165,427; July 11.
Vigren, Sten D. (See Thunell, K. H., Vigren, and Claesson.)
Vigren, Sten D., and S. G. F. Blomquist, Stockholm, Sweden. Set of contact springs for electrical switching apparatus. 2,156,465; May 2.
Vigroux, Joseph J. P., Ivry-sur-Seine, France. Closed body for automotive vehicles. 2,157,366; May 9.
Vilkomerson, Benjamin, assignor to Radio Corporation of America, New York, N. Y. Current supply system for radio receivers. 2,176,447; Oct. 17.
Villarreal, Humberto R., Mexico, D. F., Mexico. Oscillatory wind motor. 2,151,172; Mar. 21.
Ville, Joseph C., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic reversal process. 2,150,704; Mar. 14.
Villem, Raymond, and H. Goudet, Paris, France, assignors to Compagnie Generale de Telegraphie Sans Fil. Radio tuning device. 2,184,965; Dec. 26.
Villemejane, Jacques, Paris, France. Animated toy. 2,155,002; Apr. 18.
Vilsmefer, Anton. (See Neresheimer, H., and Vilsmeier.)
Vilter Manufacturing Company, The. (See Bach, Charles G., assignor.)
Vincent, Cuthbert, Omaha, Nebr. Air draft control appliance. 2,180,622; Nov. 21.
Vincent, Edward T., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,143,290; Jan. 10.
Vincent, Edward T., assignor to Continental Motors Corporation, Detroit, Mich. Engine. 2,156,774; May 2.
Vincent, Edwin E. (See Long, H. J., and Vincent.)
Vincent, George P., assignor to The Mathieson Alkali Works, Inc., New York, N. Y. Bleaching. 2,166,330; July 18.
Vincent, Gordon G., and A. Cook, Hamilton, Ontario, Canada, assignors to E. I. du Pont de Nemours & Co., Inc., Wilmington, Del. Melting and purifying sulphur. 2,149,373; Mar. 7.
Vincent, Howell S., Narberth, Pa. Pressure chamber seal. 2,177,233; Oct. 24.
Vincent, Jesse G., assignor to Packard Motor Car Company, Detroit, Mich. Transmission mechanism. Re. 21,221; Sept. 26.
Vincent, Jesse G., assignor to Packard Motor Car Company, Detroit, Mich. Transmission mechanism. 2,174,148; Sept. 26.
Vincent, Jesse G., Grosse Pointe, assignor to Packard Motor Car Company, Detroit, Mich. Power plant for motor vehicles. 2,163,476; June 20.
Vincent, Jesse W., Port Arthur, Tex. Automatic brake adjuster. 2,173,028; Sept. 12.
Vincent, Merlin S., assignor to Automatic Washer Company, Newton, Iowa. Ironer control mechanism. 2,153,354; Apr. 4.
Vincenzoni, Alvaro, Terni, Italy. Transmission gear having an automatically variable transmission ratio 2,159,462; May 23.
Vinding, Laura R., Vineland, N. J. Folding table. 2,168,813; Aug. 8.
Vingerhoets, Antonius W., and A. J. W. M. van Overbeek, Eindhoven, Netherlands, assignors to N. V. Philips' Gloeilampenfabrieken. Electron beam tube. 2,176,599; Oct. 17.
Vining, De Quincey, Atlanta, Ga. Device for handling and airing mattresses or like bulky articles. 2,175,981; Oct. 10.
Vinogradoff, Alexander B. (See Lum, K. W., and Vinogradoff.)
Vint, Alan W. (See Eustus, W., and Vint.)
Vinyard, Arthur S., Sr., St. Louis, Mo. Cement block grooving apparatus. 2,174,065; Sept. 26.
Virck, Paul, Wolfen, Kreis Bitterfeld, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Sulphur dyes. 2,143,394; Jan. 10.
Virginia Chemical Corporation. (See Hettrick, Ames B., assignor.)
Virginia Smelting Company. (See Binns, Frederick W., assignor.)
Virginia Smelting Company. (See Channon, Hiram B., assignor.)
Virtue Bros. Mfg. Co. (See Elmore, Austin E.)
Virtue, Julian A., et al. (See Elmore, Austin E., assignor.)
Virtue, Philip M., et al. (See Elmore, Austin E., assignor.)
Virzi, Giuseppe, New York, N. Y. Musical string instrument. 2,162,595; June 13.
Vischer, Alfred, Jr. (See Rockola, D. C., and Vischer.)
Viscol Company, The. (See Campbell, Clinton L., assignor.)
Viscount, Joseph L., Pelham Manor, assignor to Snyder & Black, Incorporated, New York, N. Y. Frame or knock-down display device. 2,146,318; Feb. 7.
Visitacion, Aniceto R., New York, N. Y. Hair curler. Re. 21,117; June 13.
Visking Corporation, The. (See Hewitt, Alfred G., assignor.)
Visking Corporation, The. (See Smith, John P., assignor.)
Visking Corporation, The. (See Thor, Clifford J. B., assignor.)
Visotski, William. (See Thibeault, G. A., Visotski, Carlson, and Sweet.)
Visovatti, Lawrence. (See Spitz, R. A., Visovatti, and Cobble.)
Vissac, Gustave A., Calgary, Alberta, Canada. Method and apparatus for separating material into constituents of different specific gravity. 2,169,544; Aug. 15.
Visscher, John S., Stratford, Conn., assignor to General Electric Company. Support for washing machines and the like. 2,176,753; Oct. 17.
Visser, George A., F. E. Deremer, and J. T. Sprott, assignors to Oldberg Mfg. Co., Detroit, Mich. Rolling-in machine. 2,157,252; May 9.
Visser, John, Grand Rapids, Mich. Ash receiver. 2,159,061; May 23.
Visser, John, Grand Rapids, Mich. Ash receiving container. 2,159,062; May 23.
Visser, John, Grand Rapids, assignor, by mesne assignments, to F. L. Jacobs Company, Detroit, Mich. Ash receiver. Re. 21,118; June 13.
Visser, John, Grand Rapids, assignor to F. L. Jacobs Company, Detroit, Mich. Hingedly mounted closure. 2,145,674; Jan. 31.
Visser, John, Grand Rapids, assignor, by mesne assignments, to F. L. Jacobs Co., Detroit, Mich. Panel receptacle and closure. 2,155,962; Apr. 25.
Visser, John, Grand Rapids, assignor, by mesne assignments, to F. L. Jacobs Co., Detroit, Mich. Closure means. 2,161,770; June 6.
Visser, John, Grand Rapids, assignor, by mesne assignments, to F. L. Jacobs Co., Detroit, Mich. Ash receptacle assembly. 2,162,142; June 13.
Visty, Boris A., Omaha, Nebr. Neckwear. 2,175,711; Oct. 10.
Vitamol, Inc. (See Lubarsky, George H., assignor.)
Vitek, Charles, Omaha, Nebr. Condiment container. 2,156,554; May 2.

Vitolo, Louis, New York, assignor to Century Oxford Manufacturing Corp., Brooklyn, N. Y. Half frame mounting for eyeglasses. 2,151,668; Mar. 21,
Vitrefrax Corporation. (See Mueller, Louis H., assignor.)
Vi-Vac Concrete Pipe Company. (See Ward, Walter, assignor.)
Viveiros, Joe N. (See Veteran, William E.)
Vivian, Donald L., Washington, D. C., assignor to H. A. Wallace, Secretary of Agriculture of the United States of America, and his successors in office. Insecticide. 2,173,386; Sept. 19.
Vivie, Wilhelmus L. L., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Slidable condenser having spiral electrodes. 2,177,849; Oct. 31.
Vizard, William C., assignor to Barbour Welting Company, Brockton, Mass. Beaded welting and its manufacture. 2,142,228; Jan. 3.
Vizard, William C., assignor to Barbour Welting Company, Brockton, Mass. Manufacturing beaded welting. 2,153,321; Apr. 4.
Vlasak, Joseph, Racine, Wis. Shielding means for rear view mirrors. 2,165,771; July 11.
Vlcek, Adolph A., Cleveland, Ohio. Refrigerator. 2,153,682; Apr. 11.
Vobach, Arnold C., Whiting, Ind., assignor to Sinclair Refining Company, New York, N. Y. Lubricating oil composition. 2,180,697. Nov. 21.
Vobach, Arnold C., Whiting, Ind., assignor to Sinclair Refining Company, New York, N. Y. Lubricating oil composition. 2,180,698; Nov. 21.
Vobach, Arnold C., Whiting, Ind., assignor to Sinclair Refining Company, New York, N. Y. Lubricating oil composition. 2,180,699; Nov. 21.
Vocalsevro Company of Chicago, The. (See Severy, Melvin L., assignor.)
Vocaturo, Pasquale, assignor to D. Treccase, New York, N. Y. Glass crusher. 2,176,552; Oct. 17.
Voegeli, Frederick B., Mansfield, Mass. Fabric and making the same. 2,177,586; Oct. 24.
Vogel, Arthur L., Milwaukee, Wis. Elements of toy structures. 2,176,161; Oct. 17.
Vogel, Charles P., Millburn, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Mount for electron discharge devices. 2,151,816; Mar. 28.
Vogel, Frederick W. (See Schur, M. O., and Vogel.)
Vogel, Hugo, Jr., Sandusky, Ohio. Anchoring means for candle holders. 2,159,115; May 23.
Vogel, Max, Frankfort-on-the-Main, Germany. Card index device. 2,180,490; Nov. 21.
Vogel, Max, Frankfort-on-the-Main, Germany. Safety envelope. 2,181,252; Nov. 28.
Vogel, Max R., Easton, Pa., assignor to Binney and Smith Company, New York, N. Y. Pigmented base for paints and the like. 2,173,430; Sept. 19.
Vogel, Rudolf, Cambridge, Mass. Coiled material. 2,175,045; Oct. 3.
Vogel, Théodore M., Montrouge, France, assignor to Compagnie pour la Fabrication des Compteurs & Materiel d'Usines a Gaz. Protection for electric distribution systems. 2,142,541; Jan. 3.
Vogel, Théodore M., Paris, and P. Traverse, Montrouge, assignors to Compagnie pour la Fabrication des Compteurs et Material d'Usines a Gaz, Montrouge, Seine, France. Cathode ray oscillograph. 2,175,582; Oct. 10.
Vogel, William M., Bloomfield, N. J. Spraying device. 2,155,850; Apr. 25.
Vogel, William M., Bloomfield, N. J. Can. 2,170,436; Aug. 22.
Vogel, William M., Bloomfield, N. J. Spraying device. 2,178,088; Oct. 31.
Vogel, William M., Bloomfield, N. J. Combined container and spraying device. 2,179,870; Nov. 14.
Vogel, William M., Bloomfield, N. J. Spraying device. 2,179,871; Nov. 14.
Vogel, Werner G., Louisville, Ky. Rotary scraper for tubular heat exchanger. 2,182,712; Dec. 5.
Vogel-Jorgensen, Mikael, Frederiksberg, near Copenhagen, assignor to Separation Process Company, Catasauqua, Pa. Manufacture of cement. 2,143,395; Jan. 10.
Vogel-Jorgensen, Mikael, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y. Feeder for pulverulent materials. 2,159,239; May 23.
Vogel-Jorgensen, Mikael, Frederiksberg, near Copenhagen, Denmark, assignor to Separation Process Company. Flotation of oxide ore minerals. 2,165,268; July 11.
Vogel-Jorgensen, Mikael, Frederiksberg, near Copenhagen, Denmark, assignor to F. L. Smidth & Company, New York, N. Y. Centrifugal separator. 2,174,857; Oct. 3.
Vogelei, Alvin C., and M. O. Groat, Melvin, Mich. Fuel pump. 2,145,379; Jan. 31.
Vogler, Joseph E., Houston, Tex., and C. A. Lyon, Kansas City, Mo. Garden hose reel. 2,174,099; Sept. 26.
Vogt, Adolf. (See Schroll, F., and Vogt.)
Vogt, Adolf, Kraftborn, near Breslau, assignor to Dr. Alexander Wacker Gesellschaft für Elektrochemische Industrie G. m. b. H., Munich, Germany. Apparatus for treating matters in hot liquid state. 2,182,064; Dec. 5.
Vogt, Alfred, Chemnitz, assignor to Wanderer-Werke vorm. Winklhofer & Jaenicke Akt.-Ges., Schonau-Chemnitz, Germany. Typewriter. 2,166,383; July 18.
Vogt, Charles H., assignor to Modern Food Process Company, Philadelphia, Pa. Ham package and making same. 2,179,676; Nov. 14.
Vogt, Clarence W., New York, N. Y., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Method and apparatus for making packages. 2,156,466; May 2.
Vogt, Clarence W., New York, N. Y., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Carton. 2,167,917; Aug. 1.
Vogt, Clarence W., New York, N. Y., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Container filler for liquids. 2,169,573; Aug. 15.
Vogt, Clarence W., New York, N. Y., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Collapsible container. 2,171,717; Sept. 5.
Vogt, Clarence W., New York, N. Y., assignor by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Collapsible container. 2,171,718; Sept. 5.
Vogt, Clarence W., Saugatuck, Conn., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Carton. 2,167,918; Aug. 1.
Vogt, Clarence W., Saugatuck-Westport, Conn., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Packaging liquids. 2,177,919; Oct. 31.
Vogt, Clarence W., Norwalk, Conn., assignor, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Collapsible container. 2,180,841; Nov. 21.
Vogt, Clarence W., Greenwich, Conn., and E. E. Lakso, Fitchburg, Mass., assignors, by mesne assignments, to Owens-Illinois Glass Company, Toledo, Ohio. Container for packaging pourable materials. 2,177,918; Oct. 31.
Vogt, Egon. (See Hunsdiecker, Heinz and C., and Vogt.)
Vogt, Gottfried, Berlin-Tempelhof, and H. Stierhof, Berlin-Charlottenburg, assignors to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Remote control means. 2,177,850; Oct. 31.
Vogt, Henry, Machine Co. (See Ellis, Guy T., assignor.)
Vogt, Henry, Machine Co. (See Fuller, Raymond C., assignor.)
Vogt, Lawrence E., Lansdowne, Pa. Vehicle. 2,158,780; May 16.
Vogue Mfg. Co. (See Kaupp, Ethel R., assignor.)
Voices, Incorporated. (See Wilhelm, John H., assignor.)
Voight, Albert C., et al. (See Voight, Eugen, assignor.)
Voight, Eugene, Bad Blankenburg (Thur. Wald), Germany, assignor, by mesne assignments, of nineteen twentieths to A. C. Voight and one twentieth to J. M. C. Willin, Jr., Wicomico County, Maryland. Steaming implement. 2,172,917; Sept. 12.
Voigt, H. John, administrator. (See Thrun, August E.)
Voigt, Heinz. (See Franke, H., and Voigt.)
Voigt, Frederick A., Park Ridge, Ill. Clench tube for safeguarding scaffold workers. 2,172,094; Sept. 5.
Voigt, Max T., assignor to American Safety Table Company, Inc., Reading, Pa. Adjustable brake transmission unit. 2,150,867; Mar. 14.
Voigt, Paul A., Woodhaven, assignor to Johns-Manville Corporation, New York, N. Y. Siding unit and assembly. 2,153,015; Apr. 4.
Voigt, Paul A., Bellerose, assignor to Johns-Manville Corporation, New York, N. Y. Structural assembly. 2,169,376; Aug. 15.
Voigt, Rudolf, Berlin-Siemensstadt, assignor, by mesne assignments, to Westinghouse Electric & Manufacturing Company. High temperature turbine. 2,173,489; Sept. 19.
Voigt, William A., Toledo, Ohio. Making a denture. 2,163,014; June 20.
Voigtlander & Sohn Aktiengesellschaft. (See Armbruster, Eugen, assignor.)
Voigtlander & Son Aktiengesellschaft. (See Pritschow, Karl, assignor.)
Voit, W. J. (See Voit, W. J., and Weimer, assignors.)
Voit, William J., Los Angeles, Calif. Making balls. Re. 21,063; Apr. 25.
Voit, William J., Los Angeles, and L. C. Weimer, Southgate, assignors, by mesne assignments, to W. J. Voit, Los Angeles, Calif. Making a reinforced ball. 2,157,580; May 9.
Voit, William J., Los Angeles, and L. C. Weimer, Southgate, Calif., assignors, by mesne assignments, to said W. J. Voit. Inflation valve. 2,183,900; Dec. 19.
Voit, Willy, Stuttgart-Bad Cannstatt, Germany, assignor to Robert Bosch Gesellschaft mit beschrankter Haftung. Fuel injection pump. 2,163,313; June 20.
Voit, Willy, Stuttgart-Bad Cannstatt, and J. F. Janssen, Stuttgart, assignors to Robert Bosch Gesellschaft mit beschränkter Haftung, Stuttgart, Germany. Air separator for fuel pumping apparatus of internal combustion engines. 2,183,034; Dec. 12.
Voith, J. M. (See Baumann, Johannes, assignor.)
Voith, J. M. (See Kieser, Hugo, assignor.)
Voith-Schneider Propeller Company. (See Mueller, H., and Schneider, assignors.)
Vokaty, Joseph E., Minneapolis, assignor, by mesne assignment of one-half to H. H. Hoar, Glencoe, Minn. Automobile license plate and mounting therefor. 2,173,134; Sept. 19.
Voke, Carl E., Columbus, Ohio. Closure. 2,168,297; Aug. 1.
Voke, Carl E., Columbus, Ohio. Closure. 2,177,758; Oct. 31.
Vokes, Cecil G., London, England. Filter. 2,145,535; Jan. 31.

Vokes, Ralph C., Detroit, Mich. Building structure. 2,154,590; Apr. 18.
Voland, Melvin G. (See McLain, B., and Voland.)
Volckening, Henry G., Brooklyn, N. Y., assignor to Volckening Inc. Bottle brush. 2,170,740; Aug. 22.
Volckening Inc. (See Volckening, Henry G., assignor.)
Vold, Lars H., Butler, Pa. Refrigerating system. 2,159,187; May 23.
Volf, Christian A., assignor to C. W. Sinn, New York, N. Y. Acoustic assembly for the hard of hearing. 2,180,889; Nov. 21.
Volk, Franz, Vienna, Austria. Producing water gas free from tar and hydrocarbons. 2,153,820; Apr. 11.
Volk, Joseph A., Wilton, Conn. Enclosure. 2,152,368; Mar. 28.
Volk, Victor F., Brooklyn, N. Y. Dispensing container. 2,156,366; May 2.
Völkel, Walter, assignor to Deutsche Gold und Silber Scheideanstalt vormals Roessler, Frankfort-on-the-Main, Germany. Production of solid ammonium perphosphate. 2,162,655; June 13.
Volkwein, Walter E. (See De Salardi, Albert B., assignor.)
Voll, Samuel T., Great Falls, Mont. Safety clearance lamp. 2,170,600; Aug. 22.
Vollans, Frederick W., Orillia, Ontario, assignor to F. F. Barber, Toronto, Ontario, Canada. Attachment for typewriters. 2,154,058; Apr. 11.
Vollenweider, Emil, Sacramento, Calif. Motion picture projector. 2,144,209; Jan. 17.
Vollenweider, Emil, Sacramento, Calif. Sprocket film feed for motion picture projectors. 2,144,210; Jan. 17.
Vollenweider, Emil, Sacramento, Calif. Selective drive for projector reels. 2,144,211; Jan. 17.
Vollman, Carl W., Montreal, Quebec, Canada. Refrigerating system. 2,143,637; Jan. 10.
Vollman, Joseph, and H. Gunther, assignors to The Singer Manufacturing Company, Elizabeth, N. J. Two-needle button sewing machine. 2,145,216; Jan. 24.
Vollmann, Heinrich. (See Leupold, E. O., and Vollmann.)
Vollmann, Heinrich, and B. Schacke, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Catalyst for acetylene reactions and preparing polymeric compounds of acetylene. 2,161,645; June 6.
Vollmer, Charles D. (See Vignos, C., and Vollmer.)
Vollmer, Earl C., Rock Island, Ill., assignor to Micro-Westco, Incorporated, Bettendorf, Iowa. Attachment for liquid fuel burners. 2,150,782; Mar. 14.
Vollmer, Earl C., Rock Island, Ill., assignor to Micro-Westco, Incorporated, Bettendorf, Iowa. Adjusting oil burners for low capacity burning. 2,181,527; Nov. 28.
Vollmer, Heinrich, Biberach-Riss, assignor to Gustav Genschow & Co. Aktiengesellschaft, Berlin, Germany. Automatic firearm. 2,182,907; Dec. 12.
Vollmer, Paul A., Rochester, Pa., assignor to National Electric Products Corporation. Adjustable saddle support. 2,159,188; May 23.
Vollmer, Walter G. (See Michener, E. R., and Vollmer.)
Vollmer, Walter G., assignor to H. & H. Machine & Motor Parts Co., St. Louis, Mo. Boring machine. 2,174,709; Oct. 3.
Vollrath, Paul, Cologne-Ehrenfeld, Germany. Device for mixing, sifting, and kneading. 2,157,683; May 9.
Vollrath, Richard E., Los Angeles, Calif. Spontaneously inflammable flashlight composition and preparation. 2,149,694; Mar. 7.
Volp, John G. (See Grow, M. W., and Volp.)
Volpin, Alexander S., assignor to Gearench Manufacturing Company, Houston, Tex. Pipe stabbing guide. 2,147,002; Feb. 14.
Volpin, Alexander S., Houston, Tex., assignor to Servel, Inc., New York, N. Y. Automatic defrosting refrigerator apparatus. 2,147,867; Feb. 21.
Volume Sprayer Manufacturing Company. (See Patterson, Joseph W., assignor.)
Volwiler, Ernest H., Highland Park, and D. L. Tabern, Lake Bluff, assignors to Abbott Laboratories, North Chicago, Ill. 1,5,5-alkyl-substituted barbituric acids. 2,152,512; Mar. 28.
Volwiler, Ernest H., Highland Park, and D. L. Tabern, Lake Bluff, assignors to Abbott Laboratories, North Chicago, Ill. Thiobarbituric acid derivatives. 2,153,729; Apr. 11.
Volwiler, Ernest H., Highland Park, and D. L. Tabern, Lake Bluff, assignors to Abbott Laboratories, North Chicago, Ill. Thiobarbituric acid derivatives. 2,153,730; Apr. 11.
Volwiler, Ernest H., Highland Park, and D. L. Tabern, Lake Bluff, assignors to Abbott Laboratories, North Chicago, Ill. Thio-barbituric acid derivatives. 2,153,731; Apr. 11.
Volwiler, Ernest H., Highland Park, and D. L. Tabern, Lake Bluff, assignors to Abbott Laboratories, North Chicago, Ill. Thio-barbituric acid derivatives. 2,153,732; Apr. 11.
Volwiler, Ernest H., Highland Park, and E. E. Moore, Waukegan, assignors to Abbott Laboratories, North Chicago, Ill. Soluble double salts of theophylline and monoamino polyhydric alcohols. 2,161,114; June 6.
Volz, Charles A., Chicago, Ill. Shoe vamp filler. 2,165,877; July 11.
Volz, Frederick A. (See Stowell, A. L., and Volz.)
Volz, Frederick A., assignor to The Stanley Works, New Britain, Conn. Coilable rule. 2,156,907; May 2.
Volz, Rudolf F., and A. J. W. de Groot, assignors to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Low frequency amplifier. 2,150,567; Mar. 14.
Vom Lehn, Reinhold E., Fanwood, assignor to The Singer Manufacturing Company, Elizabeth, N. J. Resilient support for lighting attachments. 2,178,526; Oct. 31.
Von Antropoff, Andreas, and J. Friedrichsen, assignors to the firm of Carl Blank, K. G., Bonn-on-the-Rhine, Germany. Manufacture of polysulphides of organic bases and of their solutions. 2,167,319; July 25.
Von Ardenne, Manfred. (See Schlesinger, K., and von Ardenne.)
Von Ardenne, Manfred, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Ultra-short wave high frequency amplifier. 2,144,784; Jan. 24.
Von Asboth, Oscar, London, England. Rotary wing aircraft. 2,162,794; June 20.
Von Bleichert, Wolfram, Leipzig, assignor to W. Agahd, Berlin, Germany. Steering device for endless track driven vehicles. 2,151,287; Mar. 21.
Von Bramer, Harold, and A. C. Ruggles, Kingsport, Tenn., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Composition of matter produced from polyhydric phenols and alkyl amines. 2,163,639; June 27.
Von Bramer, Harold, and A. C. Ruggles, Kingsport, Tenn., assignors, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Inhibitor and motor fuel stabilized therewith. 2,163,640; June 27.
Von Braunmühl, Hans J., Berlin-Ruhleben, and W. Weber, Berlin-Charlottenburg, Germany. Condenser microphone. 2,179,361; Nov. 7.
Von Bronk, Otto, Berlin-Schmockwitz, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Television transmitting and receiving apparatus. 2,149,001; Feb. 28.
Von Bültzingslöwen, Bruno, New York, N. Y. Container and closure for same. 2,165,825; July 11.
Von Bussler, Louis T., Ashton, Md. Notebook. 2,171,411; Aug. 29.
Von Capeller, Rudolf. (See Felix, F., and von Capeller.)
Von Capeller, Rudolf. (See Felix, F., von Capeller, and Huber.)
Von Dachenhausen, Olive, Los Angeles, Calif. Ornament ensemble. 2,177,314; Oct. 24.
Von Däniken, Karl, Lucerne, Switzerland. Lapel reinforcement. 2,163,333; June 20.
Von Delden, Florenz J., Los Angeles, Calif. Compressor and electrodynamic actuating mechanism therefor. 2,177,795; Oct. 31.
Von den Steinen, Carl, Bergedorf, near Hamburg, Germany, assignor to Askania-Werke A. G. Stabilizing device for ships. 2,155,456; Apr. 25.
Von den Steinen, Carl, Harmburg-Bergedorf, assignor to Askania-Werke A.-G. Stabilizing device. 2,155,892; Apr. 25.
Von der Heide, Nomita, et al. (See de Murguiondo, Jose H., assignor.)
Vondersmith, Philip G. (See Garratt, Walter A., assignor.)
Vondracek, Frank J., assignor of one-tenth to F. Kubias and one-tenth to E. Kosek, Cedar Rapids, Iowa. Mower. 2,167,130; July 25.
Von Finck, Georg. (See Nuesslein, J., von Finck, and Stärk.)
Von Fuchs, George H., Wood River, Ill., assignor to Shell Development Company, San Francisco, Calif. Reactivation of clay. 2,162,202; June 13.
Von Fuchs, George H., and L. E. Border, Wood River, Ill., assignors to Shell Development Company, San Francisco, Calif. Sweetening of hydrocarbon oils. 2,149,035; Feb. 28.
Von Fuchs, George H., and L. E. Border, Wood River, Ill., assignors to Shell Development Company, San Francisco, Calif. Sweetening of hydrocarbon oils. 2,174,810; Oct. 3.
Von Geijer, Erik V. W. H. (See Lindblom, Sten H., assignor.)
Von Giesche's, Georg, Erben. (See Bayer, K., and Burkhardt, assignors.)
Von Giesche's, Georg, Erben. (See Burkhardt, Arthur, assignor.)
Von Giesche's, Georg, Erben. (See Burkhardt, A., and Knabe, assignors.)
Von Giesche's, Georg, Erben. (See Burkhardt, A., and Wolf, assignors.)
Von Girsewald, Conway, Baron, and G. Roesner, Frankfort-on-the-Main, Germany, assignors to American Lurgi Corporation, New York, N. Y. Recovery of pure, concentrated sulphur dioxide. 2,148,871; Feb. 28.
Von Graf, Frederick and W., Los Angeles, Calif.; said F. Von Graf assignor to said W. Von Graf. Self-centering radius gauge. 2,142,465; Jan. 3.
Von Graf, Wilhelmina. (See Von Graf, Frederick and W.)
Von Gruber, Otto, assignor to the firm Carl Zeiss, Jena, Germany. Apparatus for plotting the site plan for a landscape. 2,152,309; Mar. 28.
Von Heidenstam, Erik J., Stockholm, Sweden. Structural system. 2,160,791; May 30.
Von Heinrich, Friedrich, Budapest, Hungary. Wiping device. 2,148,917; Feb. 28.

Von Helmolt, Carl W., administrator. (See Tropsch, Hans.)
Von Henke, Edmund J., assignor to American Electric Fusion Corporation, Chicago, Ill. Welding. 2,147,868; Feb. 21.
Von Henke, Edmund J., assignor to American Electric Fusion Corporation, Chicago, Ill. Welding apparatus. 2,151,342; Mar. 21.
Von Henke, Edmund J., assignor to American Electric Fusion Corporation, Chicago, Ill. Welding machine transformer. 2,170,700; Aug. 22.
Von Hessert, Gerhard. (See Werner, Guenther, assignor.)
Von Hofe, George W. (See Webber, G. R., Fleischer, and von Hofe.)
Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Mechanism for applying labels. 2,153,355; Apr. 4.
Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Label applying mechanism. 2,154,222; Apr. 11.
Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Machine for handling and applying sheets of material. 2,156,134; Apr. 25.
Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Pick-off gauge. 2,158,313; May 16.
Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Gumming machine. 2,159,641; May 23.
Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Roll adjusting means. 2,161,325; June 6.
Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Sheet transferring device. 2,163,441; June 20.
Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Labeling machine. 2,167,468; July 25.
Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Pick-off device. 2,173,891; Sept. 26.
Von Hofe, George W., Bound Brook, assignor to New Jersey Machine Corporation, Hoboken, N. J. Method of and apparatus for labeling. 2,184,824; Dec. 26.
Von Hofe, George W., Bound Brook, and F. J. Hammer, North Bergen, assignors to New Jersey Machine Corporation, Hoboken, N. J. Conveyer for labeling machines and the like. 2,166,776; July 18.
Von Hofe, George W., Bound Brook, and B. D. Dans, Brooklyn, assignors to New Jersey Machine Corporation, Hoboken, N. J. Machine for applying labels. 2,173,892; Sept. 26.
Von Hofe, George W., Bound Brook, and C. A. Claus, Short Hills, assignors to New Jersey Machine Corporation. Hoboken, N. J. Labeling. 2,178,979; Nov. 7.
Von Hollen, Dietrich R. K. (See Kozelka, R. L., and von Hollen.)
Von Hoorn, Fred G., Bridgeport, Conn., assignor to General Electric Company. Circuit breaker. 2,150,012; Mar. 7.
Von Hoorn, Fred G., Bridgeport, Conn., assignor to General Electric Company. Circuit breaker. 2,150,013; Mar. 7.
Von Hoorn, Fred G., Bridgeport, Conn., assignor to General Electric Company. Guard means for electric switches. 2,169,860; Aug. 15.
Von Hoorn, Fred G., Nichols, Conn., assignor to General Electric Company. Circuit breaker. 2,184,372; Dec. 26.
Vonick, John F., Bridgeport, Conn. Smoker's stand. 2,158,806; May 16.
Von Issendorf, Jürgen, Berlin-Siemensstadt, Germany, assignor to Westinghouse Electric & Manufacturing Company. Translating device. 2,162,533; June 13.
Von Kahler, Friedrich, Radenthein, Carinthia, Austria, assignor to American Magnesium Metals Corporation, Pittsburgh, Pa. Production of hydrogen. 2,147,780; Feb. 21.
Von Kintzel, Georg, Dallgow-Doberitz, assignor to E. Tensfeldt, Charlottenburg, Germany. Device for issuing tickets, cards, and the like. 2,155,762; Apr. 25.
Von Kohorn zu Kornegg, Oscar F., Chemnitz, Germany. Cutting or shearing device. 2,143,252; Jan. 10.
Von Korshenewsky, Nicolai, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Cathode ray tube. 2,158,314; May 16.
Von Kozurik, Oskar, assignor of one-third to E. von Latscher-Latka and one-third to F. G. Beck-Rzikowsky, Vienna, Austria. Machine gun. 2,147,003; Feb. 14.
Von Latscher-Latka, E., et al. (See von Kozurik, Oskar, assignor.)
Von Lepel, Egbert, New York, N. Y. Source of light and operating the same. Re. 21,150; July 11.
Von Lindern, Carl G. A. (See de Vries, G., and von Lindern.)
Von Lindern, Carl G. A. (See Posthumus, K., and von Lindern.)
Von Lippmann, Ernst, assignor to Bohme Fettchemie-Gesellschaft m. b. H., Chemnitz, Germany. Sizing of rayon. 2,182,887; Dec. 12.
Von Madaler, Ferdinand, West Hempstead, Long Island, and W. L. Woolf, Bayside, Long Island, N. Y., assignors to Film Recording Corporation. Portable sound recording and sound reproducing machine. 2,173,048; Sept. 12.
Von Manteuffel, Gert Z., Berlin-Dahlem, Germany, assignors to Askania-Werke A. G. vormals Centralwerkstatt Dessau und Carl Bamberg-Friedenau. Clutch. 2,161,732; June 6.
Von Manteuffel, Gert Z., Berlin-Dahlem, Germany, assignor to Askania-Werke A. G. Device for automatically controlling the fore and aft inclination of aircraft. 2,169,982; Aug. 15.
Von Mertens, Ernest K., New York, N. Y. Fastening device. 2,171,773; Sept. 5.
Von Mihály, Dénes, assignor to J. Pintsch Kommanditgesellschaft, Berlin-Wilmersdorf, Germany. Film apparatus. 2,172,779; Sept. 12.
Vonnegut Hardware Company. (See Prinzler, Carl J., assignor.)
Von Oberstadt, Peter-Franz G. B., now by judicial change of name P. B. Oberstadt, Cleveland, Ohio. Shock absorber. 2,155,978; Apr. 25.
Von Oberstadt, Peter-Franz G. B., now by judicial change of name P. B. Oberstadt, Cleveland, Ohio. Shock absorber. 2,182,034; Dec. 5.
Von Ohlsen, Louis H., New Haven, Conn., assignor to The Safety Car Heating & Lighting Company. Electrical system. 2,179,651; Nov. 14.
Von Okolicsanyi, Franz, Kensington, London, England. Television system. 2,158,990; May 16.
Von Pein, Edward J., Endicott, assignor to American Business Machines Corporation, New York, N. Y. Address plate printer. 2,161,602; June 6.
Von Pein, Edward J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Machine operationg on record cards. 2,168,434; Aug. 8.
Von Pein, Edward J., Endicott, assignor to International Business Machines Corporation, New York, N. Y. Autograph time recorder. 2,178,768; Nov. 7.
Von Pein, Edward J., and P. J. Schlessiger, Endicott, assignors to International Business Machines Corporation, New York, N. Y. Punching machine. 2,157,040; May 2.
Von Petery, Achim. (See Bode, R., and von Petery.)
Von Planck, Gordon L., San Francisco, Calif. Producing vitreous enameling stock and the like. 2,158,443; May 16.
Von Platen, Baltzar C., and C. G. Munters, Stockholm, Sweden, assignors, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. Re. 20,978; Jan. 10.
Von Pongratz, Emmerich. (See Zetzsche, W., Giesen, and von Pongratz.)
Von Putzer-Reybegg, Alfons. (See Herrmann, W. O., and von Putzer-Reybegg.)
Von Radiis, Gaston R., O. Patzl, K. Kuschel, R. Klanner, and F. Zabransky, Vienna, Austria, assignors to the firm Oesterr. Saurer-Werke Aktiengesellschaft, Vienna, Germany. Convertible vehicle of the "caterpillar" type with retractable road wheels. 2,173,794; Sept. 19.
Von Radinger, Rudolf, assignor to Telefunken Gesellschaft für Drahtlose m. b. H., Berlin, Germany. Antenna. 2,163,770; June 27.
Von Recklinghausen, Hans, Dessau in Anhalt, and P. Saffert, Wolfen Kreis Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Treatment of bundles of artificial fibers. 2,149,708; Mar. 7.
Von Reis, Lambert, Herzogenrath, Germany, assignor to Naamlooze Vennootschap Maatschappij tot Beheer en Exploitatie van Octrooien, The Hague, Netherlands. Production of fibers or threads from glass, slag, and the like meltable materials. 2,152,423; Mar. 28.
Von Retze, Ewald, Schoneberg, near Kronberg, and F. Flügge, Frankfort-on-the-Main, assignors to the firm of Deutsche Gold- und Silber Scheideanstalt, vormals Roessler, Germany. Separation of alcohol from the first runnings. 2,148,846; Feb. 28.
Von Retze, Ewald, Schonberg near Kronberg, assignor to Deutsche Gold- und Silber Scheideanstalt, Frankfort-on-the-Main, Germany. Production of organic esters. 2,155,625; Apr. 25.
Von Schickh, Otto. (See Binz, A., and von Schickh.)
Von Schlegell, Frederick, Pasadena, Calif. Towel cabinet. 2,144,087; Jan. 17.
Von Schlippe, Boris, assignor to Junkers Flugzeug- und Motorenwerke Aktiengesellschaft, Dessau, Germany. Vibration generator for test purposes. 2,171,808; Sept. 5.
Von Seebeck, George. (See Lea, Edward S., assignor.)
Von Seebeck, George, trustee. (See Lea, Edward S., assignor.)
Von Soden-Fraunhofen, Alfred G., assignor to Zahnradfabrik Friedrichshafen Aktiengesellschaft, Friedrichshafen-on-the-Bodensee, Germany. Planet gear. 2,174,672; Oct. 3.
Von Sydow, Rudolf W., and W. E. Sooy, assignors to The Gardner-Richardson Company, Middletown, Ohio. Production of sealed containers. 2,163,317; June 20.
Von Szeszich, Lajos, Frankfort-on-the-Main, Germany. Producing high quality carbon black. 2,150,790; Mar. 14.
Von Till, Louis A., East Rockaway, assignor to Anchor Cap & Closure Corporation, New York, N. Y. Closure cap. 2,168,594; Aug. 8.

Vontobel, Jakob, Teufenthal, assignor to the firm Injecta Aktiengesellschaft, Teufenthal, Canton of Aargan, Switzerland. Die casting machine. 2,183,112; Dec. 12.
Von und zu Guttenberg, Friedrich H. (See Reuss, W., and von und zu Guttenberg, assignors.)
Von und zu Guttenberg, Friedrich H., Genthin, and R. Köhler, Dusseldorf-Benrath, assignors to the firm Henkel & Cie, Gesellschaft mit beschränkter Haftung, Dusseldorf, Germany. Stabilizing color binding agent. 2,150,060; Mar. 7.
Von Voigtlander, Frederick, assignor to Schwarze Electric Company, Adrian, Mich. Sound signaling. 2,158,209; May 16.
Von Wangenheim, Adolf, assignor to Detroit Lubricator Company, Detroit, Mich. Pressure relief device. 2,154,827; Apr. 18.
Von Wangenheim, Adolf, assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,172,823; Sept. 12.
Von Wangenheim, Adolf, and W. S. Landon, assignors to Detroit Lubricator Company, Detroit, Mich. Liquid dividing feed mechanism. 2,155,368; Apr. 18.
Von Webern, Guido. (See Casto, L. V., Von Webern, and Hamant.)
Von Webern, Guido, Dayton, Ohio, assignor to Oxford Varnish Corporation, Detroit, Mich. Surface decorating method and apparatus. 2,169,439; Aug. 15.
Von Wedel, Carl J. R. H., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electric discharge system. 2,172,630; Sept. 12.
Von Wedel, Carl J. R. H., assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electric discharge system. 2,172,631; Sept. 12.
Von Wedel, Carl J. R. H., Newark, N. J., assignor, by mesne assignments, to General Electric Company. Circuits for discharge tubes. 2,178,011; Oct. 31.
Von Werder, Fritz. (See Dalmer, O., and von Werder.)
Von Zeppelin, Helmut, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Treating metal mixtures. 2,170,394; Aug. 22.
Von Zeppelin, Helmut, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of reguline beryllium and beryllium alloys. 2,171,439; Aug. 29.
Von Zimmermann, Max K., Muskegon, Mich. Helical periphery cam. 2,173,135; Sept. 19.
Von Zychlinski, Bruno. (See Herrmann, Deutsch, and von Zychlinski.)
Vorech, Stephen, assignor to Bendix-Westinghouse Automotive Air Brake Company, Pittsburgh, Pa. Vehicle control mechanism. 2,166,029; July 11.
Vorkauf, Heinrich, assignor to Herpen & Vorkauf, Berlin, Germany. Power plant. 2,154,481; Apr. 18.
Voorhees, Daniel W., Jr., Peru, Ill. Making a metal wheel. 2,145,673; Jan. 31.
Voorhees, Daniel W., Jr., Peru, Ill. Pivotal axle for steel farm trucks. 2,145,675; Jan. 31.
Voorhees, Daniel W., Peru, Ill. Axle structure-steel farm truck. 2,170,522; Aug. 22.
Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company (Indiana), Chicago, Ill. Converting hydrocarbons. 2,160,239; May 30.
Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Split section heat exchanger. 2,160,928; June 6.
Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Gasoline refining. 2,168,691; Aug. 8.
Voorhees, Vanderveer, Hammond, Ind., assignor to Standard Oil Company, Chicago, Ill. Opaque waxes and preparing the same. 2,185,046; Dec. 26.
Voorhies, Alexis, Jr. (See English, E. F., and Voorhies.)
Voorhies, Alexis, Jr. (See Warner, J. P., and Voorhies.)
Voorhies, Alexis, Jr., Baton Rouge, La., assignor to Standard Oil Development Company. Carrying out endothermic reactions. 2,170,437; Aug. 22.
Voorhies, Carl, Detroit, Mich., assignor to Eaton Manufacturing Company, Cleveland, Ohio. Internal combustion engine. 2,178,732; Nov. 7.
Voorheis, Joseph T., Oakland, Calif. Heat exchange apparatus. 2,159,463; May 23.
Voris, E. A., administrator. (See Voris, John A.)
Voris, John A., deceased, Kirkland, Wash.; E. A. Voris, administrator. Meat-scoring machine. 2,159,730; May 23.
Voris, Mabel A., Seattle, Wash. Automatic dishwashing machine. 2,181,983; Dec. 5.
Vorkauf, Heinrich, Berlin, Germany, assignor to La Mont Corporation, New York, N. Y. Forced circulation vapor generator. 2,169,934; Aug. 15.
Vorkauf, Heinrich, Berlin, Germany, assignor to La Mont Corporation, New York, N. Y. Forced circulation steam generator. 2,169,935; Aug. 15.
Vosbikian, Peter S. (See Vosbikian, Thomas S. and P. S.)
Vosbikian, Thomas S. and Peter S., Philadelphia, Pa. Hand tool. 2,184,986; Dec. 26.
Vose, Richard S. (See Houdry, E. J., and Vose.)
Vose, Richard S., Ridley Park, Pa., assignor, by mesne assignments, to Houdry Process Corporation, Wilmington, Del. Regenerating catalytic masses. 2,167,698; Aug. 1.
Vose, Richard S., Ridley Park, assignor to Sun Oil Company, Philadelphia, Pa. Lubricating oil. 2,169,545; Aug. 15.
Vosler, Arthur E., Medina, assignor to Niagara Sprayer and Chemical Co., Inc., Middleport, N. Y. Turning table. 2,157,642; May 9.
Voss, Arthur, Frankfort-on-the-Main, and H. Staerk, Bad Soden in Taunus, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Water-repellent textile material and manufacturing it. 2,160,375; May 30.
Voss, Johann H. H., White Plains, N. Y. Float valve. 2,181,219; Nov. 28.
Voss, John. (See Harris, G. W., and Voss.)
Voss, John H., Downers Grove, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Automatic telephone system. 2,149,646; Mar. 7.
Voss, Julius, assignor to Kalle & Co. Aktiengesellschaft, Wiesbaden-Biebrich, Germany. Manufacture of salts of cellulose ether carboxylic acids. 2,179,457; Nov. 7.
Voss, Walter, The Hague, Netherlands. Igniter with liquid fuel. 2,166,881; July 18.
Voss, Walter K., Davenport, Iowa, assignor, by mesne assignments, to Lovell Manufacturing Company, Erie, Pa. Wringer construction. 2,147,069; Feb. 14.
Vossen, Edward, assignor to Stop Motion Devices Corporation, Brooklyn, N. Y. Electric stop mechanism for knitting machines. 2,161,209; June 6.
Vossler, Henry. (See Mirando, F. A., and Vossler.)
Vostrez, Victor, Lincoln, Nebr. Safety strip. 2,185,020; Dec. 26.
Vote, Rex W., Thermal, assignor of one-third to A. F. La Fonde and one-third to L. F. Falder, Los Angeles, Calif. Fruit picking device. 2,180,077; Nov. 14.
Vote, Russell E., Stockton, Calif. Carrier scraper. 2,153,781; Apr. 11.
Vought, Chance M. (See Wait, W., Jr., and Vought.)
Vought, Russell R. (See Richardson, Harry W., assignor.)
Voytilla, Joe E. (See Osterloh, R. H., Pyle, Voytilla, and Ficke.)
Vredenburg, Edric, Jr., London, England. Racket press. 2,180,783; Nov. 21.
Vreeland, Charles H., assignor, by mesne assignments, to Ken-Jon Inc., Orlando, Fla. Apparatus for treating fruit and the like. 2,179,459; Nov. 7.
Vreeland, George W., Maplewood, N. J., assignor to H. A. Brassert & Company, Chicago, Ill. Apparatus for the annealing of metal. 2,162,143; June 13.
Vroom, Edward, Ossining, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Signaling system. 2,154,921; Apr. 18.
Vroom, Guysbert B., U. S. Navy. Cylindrical brush for cleaning tubes and the like. 2,147,682; Feb. 21.
Vrooman, William S., assignor to Baldwin Rubber Company, Pontiac, Mich. Floor covering. 2,158,017; May 9.
Vrooman, William S., Pontiac, Mich., assignor to The Paine & Williams Company, Cleveland, Ohio. Apparatus for making rubber floor coverings. 2,160,182; May 30.
Vrtel, Joseph, Buffalo, assignor to L. C. Smith & Corona Typewriters, Inc., Syracuse, N. Y. Page end signaling device. Re. 21,250; Oct. 24.
Vrtel, Joseph, assignor of one-half to F. Bartz, Buffalo, N. Y. Page end signaling device. 2,148,715; Feb. 28.
Vulcan Corporation. (See Clausing, George, assignor.)
Vulcan Corporation. (See Eldridge, Everett, assignor.)
Vulcan Corporation. (See Sosa, Augustus M., assignor.)
Vulcan Manufacturing Co. (See Born, Julius M., assignor.)
Vulcan Manufacturing Co. (See Nilson, Leonard D., assignor.)
Vulcan Products Corporation. (See Riccio, Anthony, assignor.)
Vulcan Rail and Construction Company. (See Ewing, Wylie B., assignor.)
Vultex Chemical Company. (See Townsend, Henry B., assignor.)
Vultorius, Alfredo, Buenos Aires, Argentina. Strainer for wells. 2,148,001; Feb. 21.
Vutz, Wilhelm, assignor to New Idea, Inc., Coldwater, Ohio. Mowing machine. 2,148,311; Feb. 21.
Vutz, Wilhelm, assignor to New Idea, Inc., Coldwater, Ohio. Pitman rod connection. 2,170,041; Aug. 22.
Vutz, Wilhelm, assignor to New Idea, Inc., Coldwater, Ohio. Connection for pitman rods. 2,170,042; Aug. 22.
W. K. M. Company. (See Laurent, Milton P., assignor.)
W. K. P. Oil Tool Co. (See Phipps, John T., assignor.)
Waage, Alvin H., Westfield, N. J. Thermostat remote control. 2,163,297; June 20.
Waage, Clarence P., Chicago, Ill. Take-up device. 2,174,609; Oct. 3.
Waage, Edward, and K. E. Lindhagen, Port Richmond, Staten Island, N. Y. Automobile headlight. 2,159,464; May 23.
Waage, John J., assignor to Globe Slicing Machine Company, New York, N. Y. Slicing machine. 2,167,015; July 25.
Waalkes, Gerrit, assignor to Anchor Steel & Conveyor Company, Detroit, Mich. Roller structure. 2,161,210; June 6.
Waasdorp, Cornelis, Los Angeles, Calif. Mechanical movement. 2,181,220; Nov. 28.

Wabash Fibre Box Company, The. (See Hubbard, Ward J., assignor.)
Wabash Fibre Box Company, The. (See Mooter, J. A., and Hamlin, assignors.)
Waber, James W., Chicago, Ill. Inner tube. 2,161,490; June 6.
Wacek, Rudolph, Chicago, Ill. Gas safety heater. 2,158,643; May 16.
Wachovia Bank and Trust Company. (See Stevens, Elbridge W., assignor.)
Wachs, Adolf, Brooklyn, N. Y. Angle-iron bending machine. 2,169,669; Aug. 15.
Wachs, Benjamin, Brooklyn, and D. H. Colin, New York, N. Y. Frame structure for ladies' handbags. 2,161,491; June 6.
Wachs, Benjamin, Brooklyn, and D. H. Colin, New York, N. Y. Handbag latch. 2,177,506; Oct. 24.
Wachsman, Adolph, assignor to Stop-Motion Devices Corporation, Brooklyn, N. Y. Stop motion, etc. 2,144,670; Jan. 24.
Wachsman, Jacob, Brooklyn, N. Y. Stop mechanism for knitting machines. 2,147,275; Feb. 14.
Wachsman, Jacob and M., Brooklyn, N. Y. Stop mechanisms for knitting machines. 2,168,754; Aug. 8.
Wachsman, Michael. (See Wachsman, Jacob and M.)
Wachsman, Michael, Brooklyn, N. Y. Fabric contacting circuit closer for knitting machines. 2,168,755; Aug. 8.
Wachsman, Michael, Brooklyn, N. Y. Circuit closer for knitting machines. 2,178,980; Nov. 7.
Wachsman, Michael, Brooklyn, N. Y. Combined stop motion and tensioning device. 2,178,981; Nov. 7.
Wachsman, Michael, Brooklyn, N. Y. Stop mechanism for knitting machines. 2,178,982; Nov. 7.
Wachsman, Michael, Brooklyn, N. Y. Stop motion for knitting machines. 2,184,107; Dec. 19.
Wachter, Aaron. (See Deanesly, R. M., and Wachter.)
Wachter, Lester. (See Anthony, W. C., and Wachter.)
Wachter, Lester, assignor to Anthony Company, Streator, Ill. Tipping mechanism. 2,143,291; Jan. 10.
Wachtler, Conrad, Dresden-Loschwitz, assignor to Zeiss Ikon Aktiengesellschaft, Dresden, Germany. Photographic camera. 2,150,642; Mar. 14.
Wacker, Dr. Alexander, Gesellschaft für Elektrochemischer Industrie G. m. b. H. (See Basel, G., and Schaeffer, assignors.)
Wacker, Dr. Alexander, Gesellschaft für Elektrochemische Industrie G. m. b. H. (See Berg, H., Heim, and Leiss, assignors.)
Wacker, Dr. Alexander, Gesellschaft für Elektrochemische Industrie, G. m. b. H. (See Berg, H., and Leiss, assignors.)
Wacker, Dr. Alexander, Gesellschaft für Elektrochemische Industrie G. m. b. H. (See Endhofer, G., and Wolff, assignors.)
Wacker, Dr. Alexander, Gesellschaft fur elektrochemische Industrie, G. m. b. H. (See Gruber, W., Thoma, and Zoebelein, assignors.)
Wacker, Dr. Alexander, Gesellschaft für Elektrochemische Industrie. (See Schroll, F., and Vogt, assignors.)
Wacker, Dr. Alexander, Gesellschaft für Elektrochemische Industrie G. m. b. H. (See Vogt, Adolf, assignor.)
Wacker, Fred G., et al. (See Zimmerman, Herman W., assignor.)
Wacker, Frederick G., et al. (See Zimmerman, Herman W., assignor.)
Wacker, Grace J. (See Zimmerman, Herman W., assignor.)
Wacker, Grace J., et al. (See Zimmerman, Herman W., assignor.)
Wackler, John, New York, N. Y. Turning device for cutter sleeves of doughnut machines. 2,184,825; Dec. 26.
Wackman, Louis B., St. Louis, Mo., assignor to American Flange & Manufacturing Co. Inc., Chicago, Ill. Closure and sealing device for metal container openings. 2,147,325; Feb. 14.
Wackman, Louis B., St. Louis, Mo., assignor to American Flange & Manufacturing Co., Inc., Chicago, Ill. Drum bushing structure for containers and the like. 2,182,954; Dec. 12.
Waco Aircraft Company. (See Brukner, Clayton J., assignor.)
Waddell, Albert, Detroit, Mich. Storing and dispensing. 2,148,141; Feb. 21.
Waddell, Benson F., Jackson Heights, assignor to The Wilcolator Company, Newark, N. J. Thermostatic device. 2,151,541; Mar. 21.
Waddell, Grover S. (See Gallun, H. R., and Waddell.)
Waddell, Homer J., Baltimore, Ohio. Stop valve. 2,173,381; Sept. 19.
Waddell Manufacturing Company. (See Forsythe, Herbert, assignor.)
Waddell Manufacturing Company. (See Whinery, Ingle B., assignor.)
Waddell, Melvin, Altoona, Kans. Motor mower unit. 2,145,467; Jan. 31.
Wade, Henry N., assignor to Parkhill-Wade, Los Angeles, Calif. Device for suppressing pulsations in fluid streams. 2,154,223; Apr. 11.
Wade, Maner L. (See Carr, D. E., and Wade.)
Wade, Newman C., assignor of one-half to C. R. Hausner, Summit, N. J. Plant support. 2,174,955; Oct. 3.
Wade, Omer R., San Bruno, Calif. Can opener key. 2,146,388; Feb. 7.
Wade, Robert W. (See McNeill, W. G., Kern, and Wade.)
Wade, William, Chicago, Ill. Shade. 2,165,669; July 11.
Wade, William, Chicago, and E. North, assignors to National Lock Company, Rockford, Ill. Venetian blind. 2,152,116; Mar. 28.
Wade, William, Chicago, and E. North, assignors to National Lock Company, Rockford, Ill. Venetian blind. 2,152,117; Mar. 28.
Wade, William L., Southport, England. Chance apparatus. 2,178,193; Oct. 31.
Wade, Worth. (See Repogle, H. H., and Wade.)
Wademan, Warrington C., West Orange, N. J. Navigation instrument. 2,165,690; July 11.
Wadman, Harold A., West Hartford, assignor to Hartford-Empire Company, Hartford, Conn. Apparatus for forming glassware. 2,151,876; Mar. 28.
Wadsworth, Daniel V., and L. Wickenden, Manhasset, assignors to J. J. Naugle, New York, N. Y. Stabilized sugar sirup. 2,183,597; Dec. 19.
Wadsworth, David T., Cold Springs, assignor to The Wadsworth Electric Manufacturing Company, Covington, Ky. Bank switch installations. 2,161,492; June 6.
Wadsworth Electric Manufacturing Company, The. (See Landmeier, Edwin W., assignor.)
Wadsworth Electric Manufacturing Company, The. (See Wadsworth, David T., assignor.)
Wadsworth, Frank L. O., deceased, Pittsburgh, Pa.; M. M. Wadsworth, administratrix. Apparatus for rolling sheet metal. 2,160,767; May 30.
Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Apparatus for severing molten glass. 2,143,096; Jan. 10.
Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Apparatus for feeding glass. 2,144,470; Jan. 17.
Wadsworth, Frank L. O., deceased, by W. M. Wadsworth, administratrix, Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Apparatus and procedure for severing and delivering molten glass. 2,164,184; June 27.
Wadsworth, Frank L. O., deceased, by M. M. Wadsworth, administratrix, Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Method and apparatus for severing molten glass. 2,166,563; July 18.
Wadsworth, Frank L. O., deceased, by M. M. Wadsworth, Pittsburgh, Pa., administratrix, assignor to Ball Brothers Company, Muncie, Ind. Press mold and means for cooling the mold. 2,167,919; Aug. 1.
Wadsworth, Frank L. O., Pittsburgh, Pa., assignor to Ball Brothers Company, Muncie, Ind. Apparatus and procedure for feeding molten glass. 2,172,895; Sept. 12.
Wadsworth, Frank L. O., deceased, by M. M. Wadsworth, administratrix, Pittsburgh, Pa.; said Wadsworth assignor to Ball Brothers Company, Muncie, Ind. Glass feeding and severing mechanism. 2,174,905; Oct. 3.
Wadsworth, Leslie H., New York, assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Magnetic unit. 2,163,161; June 20.
Wadsworth, Mildred M., administratrix. (See Wadsworth, Frank L. O.)
Wadsworth, Philip. (See Whiting, J., and Wadsworth.)
Waeber, Erwin, Seuzach, assignor to Sulzer Frères Société Anonyme, Winterthur, Switzerland. Apparatus for cooling fuel-valves for internal combustion engines. 2,166,331; July 18.
Waechter, Charles B. (See Martin, S. B., and Waechter.)
Waeltz, Anton, New Athens, Ill. Lumber rule. 2,166,030; July 11.
Waenerlund, Torsten E., Domsjo, Ornskoldsvik, assignor to Mo och Domsjö Aktiebolag, Ornskoldsvik, Sweden. Manufacturing cellulose according to the sulphite method. Re. 21,251; Oct. 31.
Waffen- und Munitionsfabriken Aktiengesellschaft. (See Wolff, Albert, assignor.)
Wagar, George H., Sr., assignor of one-third to J. R. Byers, Jr., Rochester, N. Y. Cover for outlet boxes. 2,166,453; July 18.
Wagar, Harold N., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay contact spring. 2,178,151; Oct. 31.
Wagele, Fred, Oakland, Calif. Feathering device for boat oars. 2,154,018; Apr. 11.
Wagenitz, Adolf. (See Scholz, M., and Wagenitz.)
Wagers, Beverly T., Bond, assignor of three-fourths to E. E. Edwards, Irvine, Ky. Internal combustion engine. 2,168,502; Aug. 8.
Waggaman, William H. (See Wilson, S. M., and Waggaman.)
Wagner, Albert, Dresden, assignor of forty per cent to E. Thless, Dresden, and twenty per cent to Thuringische Zellwolle Aktiengesellschaft, Schwarza, Saalbahn, Germany. Apparatus for the production of artificial silk. 2,144,785; Jan. 24.
Wagner, Albert, Churchbridge, Saskatchewan, Canada, assignor of one-half to S. Graff, Portland, Oreg. Pulverizing disk gang tiller attachment. 2,177,423; Oct. 24.
Wagner, Albert N., Cary, Ill., assignor to The American Perforator Company. Device for filling coin wrappers with coins. 2,150,473; Mar. 14.
Wagner, Arno, Ozone Park, assignor to E. R. Squibb & Sons, New York, N. Y. Closure. 2,174,906; Oct. 3.

Wagner, Arthur M. (See Brown, M., Wagner, and Yonkman.)
Wagner, Cary R., assignor to The Pure Oil Company, Chicago, Ill. Producing motor fuels. 2,157,224; May 9.
Wagner, Cary R., assignor to The Pure Oil Company, Chicago, Ill. Producing motor fuels. 2,157,225; May 9.
Wagner, Cary R., Chicago, Ill., assignor of one-half to The Pure Oil Company. Treating lubricating oil fractions. 2,165,949; July 11.
Wagner, Cary R., assignor to The Pure Oil Company, Chicago, Ill. Conversion of hydrocarbon gases into liquid hydrocarbons. 2,181,749; Nov. 28.
Wagner, Cary R., and R. H. Carr, assignors to The Pure Oil Company, Chicago, Ill. Method and apparatus for water-drive production of mineral oil. 2,152,779; Apr. 4.
Wagner, Cary R., Chicago, and W. A. Raine, Evanston, assignors to The Pure Oil Company, Chicago, Ill. Preparing lubricating oils. 2,155,745; Apr. 25.
Wagner, Charles F., Swissvale, J. Slepian, Pittsburgh, and L. R. Ludwig, Forest Hills, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Converting apparatus. 2,147,474; Feb. 14.
Wagner, Charles H., Camden, N. J. Air heating and conditioning apparatus. 2,174,710; Oct. 3.
Wagner, Charles W., Verdun, Quebec, Canada. Conveyer. 2,167,818; Aug. 1.
Wagner, Chester I., Brooklyn, N. Y., assignor to Safety Fastener Co., Bloomfield, N. J. Paper fastener. 2,167,920; Aug. 1.
Wagner, Chester I., Brooklyn, N. Y., assignor to Safety Fastener Co., Bloomfield, N. J. Perforator. 2,185,005; Dec. 26.
Wagner, Daniel. (See Ruit, Isaac, assignor.)
Wagner, Edward E. (See Mikes, John J., assignor.)
Wagner Electric Corporation. (See Betts, Laurance M., assignor.)
Wagner Electric Corporation. (See Boldt, Werner F., assignor.)
Wagner Electric Corporation. (See Boldt, W. F., and Dick, assignors.)
Wagner Electric Corporation. (See Dick, Burns, assignor.)
Wagner Electric Corporation. (See Freeman, Walter R., assignor.)
Wagner Electric Corporation. (See Freeman, W. R., and Boldt, assignors.)
Wagner Electric Corporation. (See Freeman, W. R., Dick, and Boldt, assignors.)
Wagner Electric Corporation. (See Potter, Charles P., assignor.)
Wagner Electric Corporation. (See Schnell, Steve, assignor.)
Wagner Electric Corporation. (See Stroup, Fred H., assignor.)
Wagner Electric Corporation. (See Weichsel, Hans, assignor.)
Wagner Electric Corporation. (See Weichsel, H., and Waters, assignors.)
Wagner, Erwin, assignor to Wagner Sign Service Incorporated, Chicago, Ill. Display device. 2,158,343; May 16.
Wagner, Eugene H., Milwaukee, Wis. Draw rod and adapter. 2,163,817; June 27.
Wagner, Ferdinand, and F. Busse, Munich, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Time controlled electrical switch. 2,148,790; Feb. 28.
Wagner, Frank C., assignor of one-half to V. A. Bradley, Corpus Christi, Tex. Variable clearance volume engine. 2,142,466; Jan. 3.
Wagner, Frank C., assignor of one-half to V. A. Bradley, Corpus Christi, Tex. Variable clearance volume engine. 2,163,015; June 20.
Wagner, Frederick A., Oakland, Calif. Hydrostatic tool feed. 2,152,293; Mar. 28.
Wagner, Frederick P. (See Brauer, A. J., and Wagner.)
Wagner, George P. (See Gerosa, L., and Wagner.)
Wagner, Hans (Johann Konrad), and H.-J. Sommer, Oberfranken, Germany. Dividing machine and the like. 2,169,308; Aug. 15.
Wagner, Henry, Milwaukee, Wis. Frog and minnow bait harness. 2,150,874; Mar. 14.
Wagner, Henry J., Jackson, Mo. Electrode holder. 2,179,440; Nov. 7.
Wagner, Herbert, Dessau, and L. Meyer, Dessau, Kleinkuhnau, assignors to Junkers Flugzeug-und-Motorenwerke Atkiengesellschaft, Dessau, Germany. Radiator for aviation engines. 2,171,817; Sept. 5.
Wagner, Herbert, and J. Muttray, assignors to Junkers Flugzeuz-und-Motorenwerke Aktiengesellschaft, Dessau, Germany. Wall structure for aircraft compartments. 2,171,818; Sept. 5.
Wagner, Herbert W., and K. F. Whitcomb, assignors to Norton Company, Worcester, Mass. Grinding wheel and method of grinding. 2,173,461; Sept. 19.
Wagner, Herbert W., and K. F. Whitcomb, assignors to Norton Company, Worcester, Mass. Grinding wheel. 2,173,462; Sept. 19.
Wagner, Herman, Kansas City, Mo. Hair curling iron. 2,156,576; May 2.
Wagner, James A., San Francisco, Calif. Shoe polishing kit. 2,173,504; Sept. 19.
Wagner, Jesse W., Sand Springs, Okla. Wallboard. 2,175,544; Oct. 10.
Wagner, Johann, Breslau, Germany. Air distributor. 2,164,262; June 27.
Wagner, Joseph G., assignor to The Wagner Manufacturing Company, Sidney, Ohio. Cooking utensil. 2,170,880; Aug. 29.
Wagner, Ira R. (See Dawson, A. G., and Wagner.)
Wagner, Laurence A., Torrance, Calif. Paper roll holder. 2,182,831; Dec. 12.
Wagner, Ludwig, W., Oak Park, assignor to A. B. Dick Company, Chicago, Ill. Copying. 2,144,130; Jan. 17.
Wagner Manufacturing Company, The. (See Wagner, Joseph G., assignor.)
Wagner, Martin. (See Krefft, H., Hänlein, and Wagner.)
Wagner, Melvin. (See Cordrey, A. J., and Wagner.)
Wagner, Paul, Burlington, Wis. Faucet. 2,163,925; June 27.
Wagner, Matthew, Glendale, Calif. Permanent molding apparatus. 2,146,319; Feb. 7.
Wagner, Max, Stuttgart, assignor to Daimler Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Power driven vehicle. Re. 21,091; May 16.
Wagner, Max, Stuttgart, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Axle arrangement for motor-driven vehicles. 2,169,670; Aug. 15.
Wagner, Melvin, assignor to Thomas M. Royal & Company, Philadelphia, Pa. Bag. 2,169,936; Aug. 15.
Wagner, Melvin, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Forming a container. 2,176,370; Oct. 17.
Wagner, Melvin, assignor to The Liquid Carbonic Corporation, Chicago, Ill. Apparatus for charging containers with inert gas and materials. 2,182,187; Dec. 5.
Wagner, Paul G., Los Angeles, Calif. Machine gun starter and recharger. 2,180,751; Nov. 21.
Wagner, Robert H., Burlingame, Calif., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Guiding means for doors. 2,179,362; Nov. 7.
Wagner, Robert L., Niagara Falls, N. Y., assignor to Oxweld Ocetylene Company. Blowpipe. 2,164,972; July 4.
Wagner, Robert L., Niagara Falls, N. Y., assignor to Oxweld Acetylene Company. Apparatus for increasing efficiency of gas cutting operations. 2,167,399; July 25.
Wagner, Robert W., assignor to Detroit Harvester Company, Detroit, Mich. Mowing machine structure. 2,157,041; May 2.
Wagner, Robert W., assignor to Detroit Harvester Company, Detroit, Mich. Mowing machine. 2,177,357; Oct. 24.
Wagner, Roscoe C., and P. L. Stern, assignors to Clinton Company, Clinton, Iowa. Manufacture of dextrose. 2,150,197; Mar. 14.
Wagner, Roscoe C., and P. L. Stern, assignors to Clinton Company, Clinton, Iowa. Manufacture of dextrose. 2,175,369; Oct. 10.
Wagner Sign Service Incorporated. (See Wagner, Erwin, assignor.)
Wagner, Stephan R., Elizabeth, assignor to Federal Telegraph Company, Newark, N. J. Radio direction finder. 2,167,787; Aug. 1.
Wagner, Walter C., Ardmore, Pa. Compensated meter. 2,177,085; Oct. 24.
Wagner, William L., Toledo, Ohio. Reminder device. 2,159,917; May 23.
Wagner, William L., Sr., Glenshaw, Pa. Apparatus for forming glassware. 2,152,754; Apr. 4.
Wagner, William L., Sr., Glenshaw, Pa. Apparatus for finishing glassware. 2,169,455; Aug. 15.
Wagner, Winfield G., Summit, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Electron discharge device. 2,154,293; Apr. 11.
Wagstaff, George, Beeston, Nottingham, assignor to Carr Fastener Company Limited, Stapleford, Nottingham, England. Spring socket for electric plug couplings. 2,166,897; July 18.
Wahl, Adalbert, Paris, France. Fastening device. 2,181,498; Nov. 28.
Wahl, Albert G., Los Angeles, Calif. Plate-printing device. 2,176,371; Oct. 17.
Wahl Company, The. (See Back, Robert, assignor.)
Wahl Company, The. (See Stenersen, Albert H., assignor.)
Wahl, Milton H., Woodbury, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Ammonium nitrate explosive. 2,171,379; Aug. 29.
Wahlbom, Ernest T., Rockford, Ill. Measuring device. 2,175,234; Oct. 10.
Wahlin, Fred W. (See Bramsen, S., and Wahlin.)
Wahlmark, Gunnar A., Rockford, Ill. Rotary pump. 2,146,037; Feb. 7.
Wahlmark, Gunnar A., Rockford, Ill. Pump. 2,159,720; May 23.
Wahlmark, Gunnar A., Rockford, Ill. Fluid motor or pump. 2,169,456; Aug. 15.
Wahlmark, Gunnar A., Rockford, Ill. Fluid pump. 2,184,133; Dec. 19.
Wahlquist, Albin B., and O. De Cardy, Chicago, Ill., assignors to The Heyer Corporation. Duplicator. 2,176,695; Oct. 17.
Wahlstrom, Charles S., and T. A. White, Boulder County, Colo. Seal coating machine for highways. 2,175,511; Oct. 10.

Wahlstrom, Charles S., and T. A. White, Boulder County, Colo. Seal coating machine for highways. 2,182,217; Dec. 5.
Wahlstrom, Evald O., Worcester, Mass., assignor to The American Steel and Wire Company of New Jersey. Device for making hollow strand terminal installations. 2,146,923; Feb. 14.
Waibel, Wilhelm. (See Siedler, P., Kayser, Korte, and Waibel.)
Waide, Merrill, Miami, Fla., assignor to Opticolor, Incorporated, New York, N. Y. Optical apparatus. 2,170,438; Aug. 22.
Wailes Dove-Hermiston Corporation. (See Strauss, Frank A., assignor.)
Waimann, Karl, Nuremburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Conveyer roll drive. 2,175,860; Oct. 10.
Wainess, Joseph S., New York, N. Y. Upholstery edge. 2,184,572; Dec. 26.
Wainscott, Vernon, Lexington, Ky. Reconditioning car journals. 2,151,062; Mar. 21.
Wainwright, Charles, Erie, Pa. Multistep intake unloader. 2,170,358; Aug. 22.
Wais, William R., West Albany, N. Y. Air circulating device. 2,159,189; May 23.
Wait, Charles L., assignor to Automatic Valve Controller Company, Tulsa, Okla. Pipe line automatic valve control. 2,148,410; Feb. 21.
Wait, Robert A., Decatur, Ill., assignor, by mesne assignments, to Spencer Kellogg & Sons, Inc., Buffalo, N. Y. Debitterizing soy beans. 2,148,142; Feb. 21.
Wait, William, Jr., Garden City, and C. M. Vought, Great Neck, N. Y., assignor, by mesne assignments, to United Aircraft Corporation. Starting mechanism for internal combustion engines. 2,169,309; Aug. 15.
Wait, William B., New York, N. Y. Lock for locomotive valve gears. 2,169,401; Aug. 15.
Waite, Carlton K. (See Wells, W. O., and Waite.)
Waite Carpet Company. (See Beck, August, assignor.)
Waite, Donald H., San Francisco, Calif., assignor to W. A. Casey, R. M. Walsh, and said D. H. Waite, as trustees. Antisnoring device. 2,178,128; Oct. 31.
Waite, George, and H. G. Rogers, assignors to Irving Air Chute Co. Inc., Buffalo, N. Y. Parachute apparatus. 2,164,130; June 27.
Waite, George, and H. G. Rogers, assignors to Irving Air Chute Co., Inc., Buffalo, N. Y. Parachute harness release coupling. 2,171,496; Aug. 29.
Waite, Samuel A., Beverly Hills, Calif. Sound reproducing system. 2,143,175; Jan. 10.
Waite, Sheridan C., Buffalo, N. Y. Dispensing closure. 2,142,293; Jan. 3.
Waite, Sheridan C., Buffalo, N. Y. Necktie rack. 2,179,677; Nov. 14.
Waite, Wilfred, London, England, assignor to American Machine & Foundry Company, New York, N. Y. Bronzing and the like. 2,169,078; Aug. 8.
Waite, William H., Lynbrook, assignor to Dictograph Products Company, Inc., New York, N. Y. Telephone system. 2,179,652; Nov. 14.
Waite, William H., Lynbrook, assignor to Dictograph Products Company, Inc., New York, N. Y. Secrecy intercommunicating telephone system. 2,181,715; Nov. 28.
Waitkus, Joseph. (See Karlsson, H., and Waitkus.)
Waitzman, Hyman, Yonkers, N. Y., assignor to Purity Bakeries Corporation, Chicago, Ill. Keeping baked bread-loaves. 2,148,143; Feb. 21.
Wakefield, C. C., & Company Limited. (See Evans, Elliott A., assignor.)
Wakefield, C. C., & Company Limited. (See Finch, George I., assignor.)
Wakefield, Harold F. (See Catlow, W. R., Jr., and Wakefield.)
Wakeley, Robert B., assignor of one-half to C. F. Emberger, Philadelphia, Pa. Shears. 2,142,738; Jan. 3.
Walberg, Bernard E., Worcester, Mass. Folding stand for musical instruments. 2,153,821; Apr. 11.
Walch, Frederick W., Newton Center, Mass., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Jet pump. 2,146,100; Feb. 7.
Walch, Frederick W., Newton Center, Mass., assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Forcer tube. 2,184,573; Dec. 26.
Walch, Jacob S., assignor to Baker Manufacturing Co., Springfield, Ill. Scraper. 2,157,311; May 9.
Walch, Jacob S., assignor of one-third to P. Zakel and one-third to N. N. Beckham, Stockton, Calif. Carrying scraper. 2,179,532; Nov. 14.
Wald, John R., and G. Rodli, Huntingdon, Pa. Reflector button unit. 2,177,920; Oct. 31.
Wald Mfg. Co. (See Pawsat, Ewald F., assignor.)
Wald Mfg. Co. (See Pawsat, Reuben, assignor.)
Wald, Max, New York, N. Y. Disappearing pocket. 2,165,081; July 4.
Waldeck, William F. (See Beecher, B. K., and Waldeck.)
Waldeck, William F. (See Muskat, I. E., and Waldeck.)
Walden, Samuel L., assignor of one-half to E. Richards, Atlantic City, N. J. Lubricating system for internal combustion engines. 2,157,513; May 9.
Waldes Koh-I-Noor, Inc. (See Brozek, Joseph, assignor.)
Waldman, Joseph, Irvington, N. J. Chain. 2,154,224; Apr. 11.
Waldmann, Adolf. (See Dürrler, Wilhelm, assignor.)
Waldmann, Edmund, Klosterneuburg, and A. Chwala, Vienna, Austria, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Sulphonated organic compounds and making them. 2,154,922; Apr. 18.
Waldmann, Edmund, Klosterneuburg, and A. Chwala, Vienna, Austria, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. The manufacture of imidazolines containing at least 10 carbon atoms. 2,155,877; Apr. 25.
Waldmann, Edmund, Klosterneuburg, and A. Chwala, Vienna, Austria, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of imidazolines containing at least 10 carbon atoms. 2,155,878; Apr. 25.
Waldmann, Paul M. (See Kuhne, F., Marks, and Waldmann.)
Waldo, John H. (See Shonle, H. A., and Waldo.)
Waldo, Pharez G. (See Sachanen, A. N., and Waldo.)
Waldo, Robert, assignor to American Flange & Manufacturing Co., New York, N. Y. Insulation demonstrating device. 2,172,229; Sept. 5.
Waldorf, Helmuth W. (See Chase, H., and Waldorf.)
Waldorf, Helmuth W., and E. May, assignors to New Hermes, Inc., New York, N. Y. Engraving or reproducing machine. 2,156,269; May 2.
Waldorf Paper Products Company. (See Boeye, Paul F., assignor.)
Waldorf Paper Products Company. (See Buchanan, F. L., and Guyer, assignors.)
Waldorf Paper Products Company. (See Calva, J. B., and Barnes, assignors.)
Waldorf Paper Products Company. (See Guyer, Reynolds, assignor.)
Waldorf Paper Products Company. (See Guyer, R., and Lewis, assignors.)
Waldorf Paper Products Company. (See Lagaard, Alexander S. T., assignor.)
Waldorf Paper Products Company. (See Ronning, H. O., Cullen, Monson, and Sandberg, assignors.)
Waldorf Paper Products Company. (See Schilling, Paul A., assignor.)
Waldron, Earl W., et al. (See Flautt, Porter H., assignor.)
Waldron, Frederic B., Prescot, and F. E. Slocombe, Doncaster, assignors to Pilkington Brothers Limited, Liverpool, England. Apparatus for producing ground and polished glass strip. 2,176,480; Oct. 17.
Waldron, Frederic B., Prescot, and F. E. Slocombe, Doncaster, assignors to Pilkington Brothers Limited, Liverpool, England. Apparatus for producing ground and polished glass strip. 2,176,481; Oct. 17.
Waldron, Frederic B., Prescot, and J. H. Griffin, St. Helens, assignors to Pilkington Brothers Limited, Liverpool, England. Glass polishing apparatus. 2,178,504; Oct. 31.
Waldron, John, Corporation. (See Warner, S. W., and Case, assignors.)
Waleke, Walter. (See Bolesky, W. F., Waleke, and Lutz.)
Walen, Ernest A., Springfield, assignor to The Heatbath Corporation, West Springfield, Mass. Salt bath for case-hardening. 2,175,417; Oct. 10.
Walenta, Paul, Sturtevant, Wis. Upholstery staple 2,168,076; Aug. 1.
Wales, Earl A., Cleveland, Ohio, assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Friction element. 2,149,324; Mar. 7.
Wales, Earl A., Cleveland, Ohio, assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Clutch. 2,165,670; July 11.
Wales, Earl A., Cleveland, Ohio, assignor to Raybestos-Manhattan, Inc., Bridgeport, Conn. Friction disk. 2,175,418; Oct. 10.
Wales, George F., Buffalo, N. Y. Apparatus for notching sheet material. 2,146,780; Feb. 14.
Wales, George F., Buffalo, assignor to American Radiator Company, New York, N. Y. Display stand. 2,147,869; Feb. 21.
Wales, George F., Kenmore, N. Y. Punching press. 2,163,641; June 27.
Wales, George F., Kenmore, N. Y. Punching and stripping mechanism for presses. 2,168,377; Aug. 8.
Wales, Nathaniel B., Jr., New York, N. Y. Phase wave ion gun. 2,163,740; June 27.
Wales, Nathaniel B., and C. Roberts, New York, N. Y., assignors, by mesne assignments, to Bendix Home Appliances, Inc., Detroit, Mich. Washing machine. Re. 21,020; Feb. 28.
Walgren, Olof H., Grand Forks, N. Dak. Sliding scooter. 2,150,087; Mar. 7.
Waligóra, Aleksander, Szczebrzeszyn, Poland. Refining the dark colored kinds of colophony. 2,142,592; Jan. 3.
Walker, A. C. Clifton, et al. (See Malcolm, Charles A., assignor.)
Walker, Alec H. B., London, England, assignor, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Apparatus for automatically controlling the current in an alternating current circuit. 2,177,556; Oct. 24.
Walker, Alverna M. (See Walker, John S. and A. M.)
Walker, Brooks, Piedmont, Calif. Locking apparatus for vehicle body doors. 2,158,736; May 16.
Walker, Brooks, Piedmont, Calif. Door locking mechanism. 2,180,024; Nov. 14.

Walker, Catherin H., executrix. (See Walker, Walter T.)
Walker, Charles, Knoxville, Tenn. Liquid dispensing apparatus. 2,176,827; Oct. 17.
Walker, Charles, Knoxville, Tenn. Registering mechanism. 2,176,828; Oct. 17.
Walker, Charles, Fayetteville, N. C. Dishwasher. 2,184,204; Dec. 19.
Walker, Charles R., Jersey City, N. J., assignor to American Telephone and Telegraph Company. Teletypewriter system. 2,154,547; Apr. 18.
Walker, Charles R. (See Cunningham, H. J., Douglass, Duncan, and Walker.)
Walker, Charles R., assignor to Abrasive Products, Inc., South Braintree, Mass. Water-resistant abrasive product and making same. 2,165,186; July 4.
Walker, Charles W. (See Ellsworth, F. H., and Walker.)
Walker, Charlie W. (See Bennett, Charles C., assignor.)
Walker, Clinton L., Piedmont, Calif. Display apparatus. 2,151,877; Mar. 28.
Walker, Clinton L., Piedmont, Calif. Brake cycle for internal combustion engines. 2,178,152; Oct. 31.
Walker, Clyde T., Orlando, Fla. Radiator testing and repair apparatus. 2,159,063; May 23.
Walker, Cranford P. (See Baruch, M., De Camp, and Walker.)
Walker, Cranford P., San Marino, Calif. Measuring the location of obstructions in wells. 2,156,519; May 2.
Walker, Cranford P., San Marino, Calif. Determining fluid density, fluid pressure, and the production capacity of oil wells. 2,161,733; June 6.
Walker, Cyril H., Flixton, and C. Sykes, Timperley, England, assignors to General Electric Company. Method and apparatus for applying metal coatings. 2,143,723; Jan. 10.
Walker, Cyrus M., Kansas City, Mo. Netting support for cots. 2,155,209; Apr. 18.
Walker, David. (See Tandler, W. S., and Walker.)
Walker, David C., Long Beach, assignor to Baash-Ross Tool Company, Los Angeles, Calif. Bailer. 2,160,320; May 30.
Walker, Earl, Sullivan, Ill. Circulating spray bar. 2,153,356; Apr. 4.
Walker, Earl C., Chicago, Ill., assignor to International Harvester Company. Liquid fuel burner. 2,164,225; June 27.
Walker Electrical Company. (See Walker, R. M., Jenkins, and Strong, assignors.)
Walker, Eric E. (See Baldwin, A. W., and Walker.)
Walker, Eric E. (See Lawrie, L. G., Reynolds, and Walker.)
Walker, Ernest M., Atlanta, Ga. Ice cream confection apparatus. 2,182,713; Dec. 5.
Walker, Floyd H., assignor to Whiting Corporation, Harvey, Ill. Long tube vertical evaporator and the like. 2,181,750; Nov. 28.
Walker, Forrest A., Oak Park, Ill., assignor, by mesne assignments, to Edison General Electric Appliance Company, Inc. Washing apparatus. 2,142,927; Jan. 3.
Walker, Forrest A., Oak Park, Ill., assignor, by mesne assignments, to Edison General Electric Appliance Company, Inc. Washing apparatus. 2,142,928; Jan. 3.
Walker, Forrest A., Oak Park, and G. F. Maisch, assignors to Edison General Electric Appliance Company, Chicago, Ill. Washing apparatus. 2,142,929; Jan. 3.
Walker, Forrest A., Oak Park, and E. S. Stoddard, Berwyn, assignors to Edison General Electric Appliance Company, Inc., Chicago, Ill. Washing apparatus. 2,157,943; May 9.
Walker, Frank G., Santa Barbara, Calif. Dishwashing machine. 2,153,322; Apr. 4.
Walker, George A., Melrose, assignor to Dover Stamping and Manufacturing Company, Cambridge, Mass. Sheet metal receptacle. 2,175,071; Oct. 3.
Walker, George H., assignor to Heenan & Froude Limited, Worcester, England. Hydraulic apparatus. 2,162,541; June 13.
Walker, George L., Jersey City, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Valve for torches. 2,153,854; Apr. 11.
Walker, George L., Jersey City, N. J., assignor to Air Reduction Company, Incorporated, New York, N. Y. Starting device for cutting torches. 2,158,489; May 16.
Walker, George W. (See Morrow, H. B., and Walker.)
Walker, Gilbert T., Birmingham, England. Lever-fastening for bands. 2,146,003; Feb. 7.
Walker, Harry O., Phoenix, Ariz. Game. 2,150,303; Mar. 14.
Walker, Harry S. (See Zaisser, William, assignor.)
Walker, Hetty, et al. (See Smith, John N., assignor.)
Walker, Hiram, & Sons Inc. (See Roland, Harold F., assignor.)
Walker, Hiram, & Sons, Inc. (See Willkie, H. F. and Boruff, assignors.)
Walker, Irving E., Cranston, R. I. Drip catcher for containers. 2,156,747; May 2.
Walker, Ivan P., Yuba City, Calif. Vaporizer. 2,177,339; Oct. 24.
Walker, James D., assignor to The American Well Works, Aurora, Ill. Activated sludge apparatus. 2,172,646; Sept. 12.
Walker, Jay P., assignor of forty per cent to G. O. Marchant and six per cent to C. G. Wells, Tulsa, Okla. Treatment of oil, water, and gas emulsions. 2,181,683; Nov. 28.
Walker, Jay P., assignor of forty per cent to G. O. Marchant and six per cent to C. G. Wells, Tulsa, Okla. Emulsion treating apparatus. 2,181,684; Nov. 28.
Walker, Jay P., assignor of forty per cent to G. O. Marchant and six per cent to C. G. Wells, Tulsa, Okla. Treatment of oil, gas, and water emulsions. 2,181,685; Nov. 28.
Walker, Jay P., assignor of forty per cent to G. O. Marchant and six per cent to C. G. Wells, Tulsa, Okla. Apparatus for treating oil emulsions. 2,181,686; Nov. 28.
Walker, Jay P., assignor of forty per cent to G. O. Marchant and six per cent to C. G. Wells, Tulsa, Okla. Oil, gas, and water separator. 2,181,687; Nov. 28.
Walker, Jay P., assignor of forty per cent to G. O. Marchant and six per cent to C. G. Wells, Tulsa, Okla. Treatment of oil, gas, and water emulsions. 2,181,688; Nov. 28.
Walker, Jay P., Tulsa, Okla., and E. V. Foran, San Antonio, Tex., assignors to Eureka Process Company, Tulsa, Okla. Recovering well fluids. Re. 21,239; Oct. 17.
Walker, Jay P., Tulsa, Okla., and E. V. Foran, San Antonio, Tex., assignors to Eureka Process Company, Tulsa, Okla. Recovering well fluids and conserving reservoir pressure. 2,174,336; Sept. 26.
Walker, John C., assignor to Cities Service Oil Company, Bartlesville, Okla. Refining and concentrating crude formaldehyde. 2,153,526; Apr. 4.
Walker, John E., Newark, Ohio, assignor, by mesne assignments, to Owens-Corning Fiberglas Corporation. Pipe covering. 2,160,009; May 30.
Walker, John S. and A. M., Pittsburgh, Pa. Curtain stretcher. 2,178,153; Oct. 31.
Walker, Joseph B., Hollywood, Calif. Forming and decoding secret messages. 2,151,452; Mar. 21.
Walker, Joseph B., Hollywood, assignor of one-third to F. Capra, and one-third to S. K. Johnson, Los Angeles County, Calif. Forming, transmitting, and decoding secret messages. 2,151,453; Mar. 21.
Walker, Joseph B., Hollywood, assignor of one-third to F. Capra and one-third to S. K. Johnson, Los Angeles County, Calif. System of remote control. 2,178,089; Oct. 31.
Walker, Joseph F. (See Scott, N. D., Hansley, and Walker.)
Walker, Joseph F. (See Scott, N. D., and Walker.)
Walker, Joseph F., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Polymerization of 1,2-dihydronaphthalene and polymer. 2,168,011; Aug. 1.
Walker, Joseph F., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of organic acids. 2,171,871; Sept. 5.
Walker, Louis E. Q. (See Dowsett, H. M., and Walker.)
Walker, Louis E. Q., Hertfordshire, and W. E. Benham, London, England, assignors to Radio Corporation of America. Television receiving system. 2,173,347; Sept. 19.
Walker Manufacturing Company. (See Gunn, Earl G., assignor.)
Walker Manufacturing Company. (See Mizer, Joseph J., assignor.)
Walker, Marcus A., et al. (See Horrocks, Thomas S., assignor.)
Walker, Modie, et al. (See Malcolm, Charles A., assignor.)
Walker, Nelson. (See Eshbaugh, J. E., and Walker.)
Walker, Nevilles E., Portland, Oreg. Propeller mounting for toy airplanes. 2,158,344; May 16.
Walker, O. W., Co. Incorporated. (See Tracy, Howard E., assignor.)
Walker, Paul, assignor to Morris Paper Mills, Chicago, Ill. Cellular box construction. 2,172,896; Sept. 12.
Walker, Ralph M., C. M. Jenkins, and C. W. Strong, assignors to Walker Electrical Company, Atlanta, Ga. Meter box. 2,182,603; Dec. 5.
Walker, Robert D., Dallas, assignor of one-half to V. E. Yarbrough, Harris County, Tex. Casing perforator. 2,169,671; Aug. 15.
Walker, Ronald W. (See Keith, W. D., and Walker.)
Walker, Sheridan A., assignor to Walker Spring Co., Inc., Newburgh, N. Y. Resilient upholstery pad. 2,174,711; Oct. 3.
Walker Spring Co. (See Walker, Sheridan A., assignor.)
Walker, T., & Company. (See Smith, John N., assignor.)
Walker-Turner Co. Inc. (See Ocenasek, William F., assignor.)
Walker, Walter O., and W. R. Rinelli, assignors to Ansul Chemical Company, Marinette, Wis. Method of analysis. 2,145,203; Jan. 24.
Walker, Walter O., and W. R. Rinelli, assignors to Ansul Chemical Company, Marinette, Wis. Preventing formation of ice crystals in refrigerants. 2,163,899; June 27.
Walker, Walter O., and W. R. Rinelli, assignors to Ansul Chemical Company, Marinette, Wis. Preventing formation of ice crystals in refrigerants. 2,163,900; June 27.
Walker, Walter O., and W. R. Rinelli, assignors to Ansul Chemical Company, Marinette, Wis. Phosphorus pentoxide drier. 2,163,901; June 27.
Walker, Walter T., deceased, Vineland, N. J., by C. H. Walker, executrix, Hinsdale, Ill., assignor to Kimble Glass Company, Vineland, N. J. Device for supporting bars and the like. 2,156,748; May 2.

Walker, Warren R., Short Hills, assignor, by mesne assignments, to General Electric Company. Centrifugal switch. 2,177,759; Oct. 31.
Walker, William B., Roxboro, N. C. Cleaning apparatus. 2,183,758; Dec. 19.
Walker, William C., York, Pa. Flow meter. Re. 21,012; Feb. 21.
Walker, William C., New York, N. Y. Safety belt. 2,166,777; July 18.
Walker, William C., York, Pa. Fluid meter. 2,183,374; Dec. 12.
Walker, William K. (See Timmis, W. W., and Walker.)
Walker, William L., Tulsa, Okla. Oil thief and sampler. 2,174,100; Sept. 26.
Walker, William R., Chicago, Ill. Vacuum controlling means for internal combustion engines. 2,144,131; Jan. 17.
Wall, Claude H., Columbus, Ohio. Device for obtaining solar observations. 2,173,545; Sept. 19.
Wall, Edmund L. (See Bannon, Thomas W., assignor.)
Wall, Frank E., assignor to Gabriel Steel Company, Detroit, Mich. Window construction. 2,175,861; Oct. 10.
Wall, John J., Detroit, Mich. Jet air pump. 2,164,263; June 27.
Wall, John M. (See Cooper, J., and Wall.)
Wall, John M., Syracuse, N. Y. Intermittent film feeding mechanism. 2,144,277; Jan. 17.
Wall, Matthew J., Jersey City, and M. R. Scott, Elizabeth, N. J., assignors to Oxweld Acetylene Company. Welding tip. 2,184,479; Dec. 26.
Wall, Sarah B. C., et al. (See Cook, Charles E., assignor.)
Wallace, Alfred J. K., Astoria, Oreg. Gear shift lever ash receiver. 2,160,348; May 30.
Wallace, Archibald L., Northport, N. Y. Strip guide for molding apparatus. 2,154,791; Apr. 18.
Wallace, Archibald L., Northport, N. Y. Metal cutting tool. 2,182,975; Dec. 12.
Wallace, Archibald L., Brooklyn, N. Y., assignor to R. H. Crook, as trustee. Vulcanizing device. 2,161,442; June 6.
Wallace, Archibald L., Northport, and R. Berkowitz, Woodmere, N. Y., assignors to Metal Hose & Tubing Co., Inc. Hose guard. 2,160,240; May 30.
Wallace, Bert A., Oak Park, assignor to Kellogg Switchboard and Supply Company, Chicago, Ill. Composite selector circuit. 2,149,753; Mar. 7.
Wallace, Bruce W., Chicago, and E. A. Lawler, Chicago Heights, Ill. Sign mechanism. 2,144,002; Jan. 17.
Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Selective relay. 2,145,821; Jan. 31.
Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Telemetering system. 2,161,603; June 6.
Wallace, Charles F., Westfield, assignor to Wallace & Tiernan Products, Inc., Belleville, N. J. Oscillator apparatus. 2,174,296; Sept. 26.
Wallace, Charles F., Westfield, and J. R. MacKay, West Caldwell, N. J., assignors to Wallace & Tiernan Products, Inc., Belleville, N. Y. Motor and motor-operated apparatus. 2,181,841; Nov. 28.
Wallace, Columbus C., Fort Henry, Tenn. Housing and hub band for cars. 2,166,882; July 18.
Wallace, Daniel H., Jr. (See Griffin, W. S., Jr., Harris, and Wallace.)
Wallace, David A., Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Coating material spray device. 2,177,851; Oct. 31.
Wallace, David A., Detroit, Mich. Pigment mixing apparatus. 2,179,970; Nov. 14.
Wallace, Donald L., Cheshire, Conn. Coupling for sections of prefabricated buildings. 2,142,388; Jan. 3.
Wallace, Eugene, Castleton, Kans. Jack. 2,156,930; May 2.
Wallace, Forrest P., Detroit, Mich. Fly and bait kit. 2,171,676; Sept. 5.
Wallace, Frank C., and A. A. Leisy, Los Angeles, assignors to Hair Accessories Inc., Los Angeles County, Calif. Hair curling device. 2,156,073; Apr. 25.
Wallace, Frank L., Port Arthur, Tex., assignor to The Texas Company, New York, N. Y. Apparatus for indicating and recording contours of interior surfaces of tubes. 2,143,233; Jan. 10.
Wallace, Fredrick J., Erie, Pa., assignor to Robeson Process Company, New York, N. Y. Fermentation process of treating sulphite waste liquor. 2,142,739; Jan. 3.
Wallace, Fredrick J., Brooklyn, assignor to Robeson Process Company, New York, N. Y. Sulphite waste liquor-phenol-aldehyde condensation products. 2,159,411; May 23.
Wallace, Harold E. (See Gardner, Vern, assignor.)
Wallace, Harold J., assignor to Fonda Container Company, Inc., Utica, N. Y. Container. 2,144,948; Jan. 24.
Wallace, Harry V., Kirkland Lake, Ontario, Canada, and L. H. Logue, Denver, Colo., assignors to Mining Process and Patent Company. Ore treatment. 2,174,540; Oct. 3.
Wallace, Henry A., Secretary of Agriculture of the United States of America, and his successors in office. (See De Eds, F., Eddy, and Thomas, assignors.)
Wallace, Henry A., as Secretary of Agriculture of the United States of America and his successors in office. (See Fox, Edward J., assignor.)
Wallace, Henry A., Secretary of Agriculture of the United States of America, and his successors in office. (See Gaus, G. E., and Franks, assignors.)
Wallace, Henry A., Secretary of Agriculture of the United States of America, and his successors in office. (See Gaus, G. E., and Stedronsky, assignors.)
Wallace, Henry A., as Secretary of Agriculture of the United States of America (his successors in office). (See Sherrard, E. C., and Harris, assignors.)
Wallace, Henry A., as Secretary of Agriculture of the United States of America and his successors in office. (See Sherrard, E. C,. Beglinger, Hohf, Mitchell, and Bateman.)
Wallace, James, Los Angeles, Calif. Roasting grid. 2,144,278; Jan. 17.
Wallace, James A., Spokane, Wash. Door holder. 2,168,635; Aug. 8.
Wallace, James M., Braddock, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,184,760; Dec. 26.
Wallace, Jefferson D., and M. V. Sullenger; said Wallace assignor of one-half of his right to A. Occhipinto and one-third of his right to F. P. Moley, Kansas City, Mo. Cigarette holder. 2,148,411; Feb. 21.
Wallace, Jeffrey J., assignor to Gullett Gin Company, Amite, La. Expanding roll box for cotton gins. 2,142,977; Jan. 3.
Wallace, John E., Foxboro, Mass. Braking system for motor vehicles. 2,161,493; June 6.
Wallace, John H., Jr. (See Lake, F. W., and Wallace.)
Wallace, John M. (See Bright, Elvin M., assignor.)
Wallace, John M., trustee. (See Bright, Elvin M., assignor.)
Wallace, Lillie. (See Wallace, Townley, assignor.)
Wallace, Montie A., Sanderson, Tex. Feeding box. 2,169,350; Aug. 15.
Wallace, Robert H., Lakewood, assignor to The Midland Steel Products Company, Cleveland, Ohio. Automobile frame. 2,173,525; Sept. 19.
Wallace, Robert H., and E. Riemenschneider, Lakewood, assignors to The Midland Steel Products Company, Cleveland, Ohio. Axle housing. 2,153,287; Apr. 4.
Wallace, Robert N., Syracuse, N. Y., assignor to Consolidated Rendering Company, Boston, Mass. Billfold. 2,178,090; Oct. 31.
Wallace, Robert V., Cheney, Wash. Attachment for harvester reels. 2,144,905; Jan. 24.
Wallace, Sophie W., Columbia, S. C. Paint box palette. 2,166,616; July 18.
Wallace & Tiernan Company. (See Booth, George M., assignor.)
Wallace & Tiernan Company. (See Peet, Gerald D., assignor.)
Wallace & Tiernan Products, Inc. (See MacKay, John R., assignor.)
Wallace & Tiernan Products, Inc. (See Wallace, Charles F., assignor.)
Wallace & Tiernan Products, Inc. (See Wallace, C. F., and MacKay, assignors.)
Wallace, Townley, assignor to L. Wallace, Chicago, Ill. Tire vulcanizer. 2,148,663; Feb. 28.
Wallace, Walter J., Jr., Milwaukee, Wis. Mechanical movement. 2,178,443; Oct. 31.
Wallach, André, Atlanta, Ga., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Process and apparatus for treating sheet material. 2,163,642; June 27.
Wallach, Carl D., Newburgh, assignor, by mesne assignments, to American Flange & Manufacturing Co., Inc., New York, N. Y. Thermal insulation for pipes and the like. 2,142,542; Jan. 3.
Wallach, Roger N., Briarcliff Manor, N. Y., assignor to Sylvania Industrial Corporation, Fredericksburg, Va. Display. 2,170,701; Aug. 22.
Wallach, Roger N., Briarcliff Manor, N. Y., and W. L. Morgan, Hammond, Ind., assignors to Sylvania Industrial Corporation, Fredericksburg, Va. Article and making the same. 2,183,948; Dec. 19.
Wallat, Wilhelm, Berlin-Schoneberg, Germany, assignor to International Business Machines Corporation, New York, N. Y. Spring. 2,181,954; Dec. 5.
Wallbillich, Anthony F., Hollis, assignor to Leviton Manufacturing Company, Brooklyn, N. Y. Receptacle. 2,163,722; June 27.
Wallen, Hans, San Jose, Calif. Harp. 2,169,938; Aug. 15.
Wallenberger, Francis J. (See Schwartz, W. and M., assignors.)
Waller, Donald D., L. B. Smith, D. W. Randolph, and R. O. Helgeby, Flint, assignors to General Motors Corporation, Detroit, Mich. Electrical remote control drive. 2,177,966; Oct. 31.
Waller, Fred, Huntington, N. Y. Apparatus for taking soundings. 2,164,791; July 4.
Waller, John A., Beverly Hills, assignor to American Hardware & Importing Co., and C. P. Frick, Los Angeles, Calif. Culinary device. 2,156,645; May 2.
Waller, Joseph B., Baltimore, Md. Match holder. 2,160,255; May 30.
Waller, Percy H. (See Hopkins, Constant C., assignor.)
Waller, Robert H., Nashville, Tenn. Agitating device. 2,176,112; Oct. 17.
Waller, Thure, Chicago, Ill. Stabilized unit in ship structures and the like. 2,153,877; Apr. 11.

Waller, William H., Grand Prairie, Tex. Flexible wheel driving means. 2,182,417; Dec. 5.
Wallerstein Company. (See Gray, P. P., and Stone, assignors.)
Wallgren, August G. F., Stockholm, assignor, by mesne assignments, to Aktiebolaget Nomy, Lidkoping, Sweden. Bearing. 2,148,144; Feb. 21.
Wallgren, August G. F., Stockholm, assignor, by mesne assignments, to Aktiebolaget Nomy, Lidkoping, Sweden. Bearing. 2,149,712; Mar. 7.
Wallgren, August G. F., Stockholm, assignor, by mesne assignments, to Aktiebolaget Nomy, Lidkoping, Sweden. Bearing. 2,172,486; Sept. 12.
Wallin, Cajs-Marie. (See Wallin, Ernst H., assignor.)
Wallin, Carl G., Stockholm, Sweden. Steam plant. 2,167,469; July 25.
Wallin, Ernst H., assignor to Cajs-Marie Wallin, Arvika, Sweden. Bed blanket or plaid. 2,164,848; July 4.
Wallin, Fred E. A., Chicago, Ill., assignor to N. M. Seeburg. Coin separator. 2,161,885; June 13.
Walling, William G., South Hingham, assignor of one-half to R. N. Doble, Hingham, Mass. Liquid fuel burner. 2,180,183; Nov. 14.
Wallis, Albert E. (See Harrison, C. F. R., and Wallis.)
Wallis, Albert E., Clydach, England, assignor to The International Nickel Company, Inc., New York, N. Y. Process relating to the production of nickel carbonyl. 2,159,412; May 23.
Wallis, Barnes N., Weybridge, assignor, by mesne assignments, to Vickers-Armstrongs Limited, London, England. Wing, fuselage, or other aircraft body. 2,157,042; May 2.
Wallis, Cyril T., and W. H. Hutchins, Rochester, N. Y., assignors to General Motors Corporation, Detroit, Mich. Oil burner control. 2,171,957; Sept. 5.
Wallis, Lionel S., Knowle, England. Machine for recording and reproducing sound magnetically. 2,151,629; Mar. 21.
Wallis, William B. (See Moore, W. E., and Wallis.)
Walls, Walter H., Darwin, Minn. Electrical connector. 2,180,569; Nov. 21.
Walmsley, William, Chicago, Ill. Reference device. 2,148,092; Feb. 21.
Walper, Curry O., Hamilton, Ontario, Canada. Bundling apparatus. 2,176,385; Oct. 17.
Walper, Curry O., Hamilton, Ontario, Canada. Apparatus for finishing the edges of wallboard. 2,180,570; Nov. 21.
Walrod, Fred R., Kansas City, Mo. Measuring container for liquids. 2,175,933; Oct. 10.
Walser, Eugene O., Los Angeles, Calif. Touch readable timepiece. 2,177,234; Oct. 24.
Walsh, Carrol H. (See Pittman, R. R., and Walsh.)
Walsh, Carroll H., Pine Bluff, Ark. Disconnecting device. 2,175,328; Oct. 10.
Walsh, Edward J., Peekskill, N. Y. Waterproofing construction for walls. 2,153,288; Apr. 4.
Walsh, Edward J., Peekskill, N. Y. Waterproofing construction for parapet walls. 2,155,915; Apr. 25.
Walsh, Edward J., St. Louis, Mo. Steering mechanism for automobiles. 2,169,861; Aug. 15.
Walsh, Ellen K. (See Walsh, John L., assignor.)
Walsh, James F. (See Daly, R. E., Walsh, and Needle.)
Walsh, James F. (See Stein, L., Walsh, and Needle.)
Walsh, James F., Chicago, Ill., assignor to American Maize-Products Company. Sodium lactate and method of manufacture. 2,143,362; Jan. 10.
Walsh, James F., and H. C. Needle, Chicago, Ill., assignors to American Maize-Products Company. Lactic acid fermentation process. 2,143,358; Jan. 10.
Walsh, James F., Chicago, and W. L. Morgan, Calumet City, Ill., assignors to American Maize-Products Company. Preparing a brewing adjunct. 2,144,471; Jan. 17.
Walsh, James F., Chicago, Ill., and W. L. Morgan, Cranston, R. I., assignors to American Maize-Products Company. Starch composition and process. 2,170,271; Aug. 22.
Walsh, James F., Chicago, Ill., and W. L. Morgan, Cranston, R. I., assignors to American Maize-Products Company. Starch composition. 2,170,272; Aug. 22.
Walsh, James M., Los Angeles, Calif. Four-in-hand tie. 2,153,683; Apr. 11.
Walsh, John L., assignor to E. K. Walsh, Northport, N. Y. Forming a building structure. 2,175,983; Oct. 10.
Walsh, Maurice F. (See Field, B., and Walsh.)
Walsh, Michael E., Chicago, Ill. Detachable weed guard for fishhooks. 2,160,347; May 30.
Walsh, Patrick H. (See Specht, H. G., and Walsh.)
Walsh, Patrick H., Boston, Mass., and P. T. Gates, Montclair, assignors to Drycor Felt Company, Belleville, N. J. Industrial and paper-makers' felts. 2,165,772; July 11.
Walsh, Raymond E. (See Pierson, W. D., and Walsh.)
Walsh, Robert M., et al., trustees. (See Waite, Donald H., assignor.)
Walstrom, Axel M., Minneapolis, Minn., assignor to The Creamery Package Mfg. Company, Chicago, Ill. Machine for making tubs and the like. 2,161,115; June 6.
Waltenberg, Romaine G., Roselle, N. J., assignor to The H. A. Wilson Company. Thermostatic element. 2,146,380; Feb. 7.
Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Forming synthetic sausage casings. 2,148,884; Feb. 28.
Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Drying casings. 2,148,885; Feb. 28.
Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Paper can. 2,158,165; May 16.
Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Container sealing method. 2,158,166; May 16.
Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Applying metal ferrules to fiber containers. 2,163,926; June 27.
Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Sausage linker. 2,168,693; Aug. 8.
Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Depilating adhesive. 2,176,162; Oct. 17.
Walter, Charles T., assignor to Industrial Patents Corporation, Chicago, Ill. Laminated sausage casing. 2,182,188; Dec. 5.
Walter, Claude L., and R. L. Blodgett, Portland, Oreg. Machine for unrooling, measuring, and rerolling yardage. 2,152,118; Mar. 28.
Walter, Edward C., assignor to Monroe Calculating Machine Company, Orange, N. J. Calculating machines. 2,147,359; Feb. 14.
Walter, Edward T. (See Field, S. B., and Walter.)
Walter, Elise D., Canoga Park, Calif. Vehicle bumper. 2,170,981; Aug. 29.
Walter, Eugen. (See Dalmer, O., Diehl, and Walter.)
Walter, Eugen. (See Dalmer, O., and Walter.)
Walter, Felix. (See Losch, J., Walter, Behringer, and Schlottig.)
Walter, George A., Ithaca, N. Y. Stock feeding block. 2,183,437; Dec. 12.
Walter, Hollis, Baldwin, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Feeding and arc striking mechanism for searchlights. 2,150,014; Mar. 7.
Walter, Hollis, Baldwin, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Engine starter. 2,152,005; Mar. 28.
Walter, John C., East Orange, N. J., assignor to Wired Radio, Inc., New York, N. Y. Carrier transmission. 2,151,454; Mar. 21.
Walter, John C., Collingswood, N. J., assignor to Wired Radio, Inc., New York, N. Y. Signaling system. 2,154,923; Apr. 18.
Walter, John C., Collingswood, N. J., assignor to Wired Radio, Inc., New York, N. Y. Transmission substitution system. 2,161,884; June 13.
Walter, John K., Maywood, Calif. Resilient cord release. 2,156,467; May 2.
Walter, Jules G. (See Cohn, S., and Walter.)
Walter, Karl. (See Rab, K., and Walter.)
Walter, Lawrence, Berkeley, Calif. Electrical connector. 2,159,064; May 23.
Walter, Lewis A. (See Fosbinder, R. J., and Walter.)
Walter, Ludwig. (See Gothe, A., Roosenstein, and Walter.)
Walter, Ludwig, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Antenna. 2,169,377; Aug. 15.
Walter, Robert. (See Dieterle, W., Walter, and Dürr.)
Walter, Viktor. (See Kucher, Fridolin, assignor.)
Walter, Wilfrid C., Arcata, Calif. Vehicle bumper. 2,171,104; Aug. 29.
Walter, Wilhelm, Stuttgart, Germany, assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Lubricating system for punch presses. 2,153,219; Apr. 4.
Waltermire, Fred F., Houston, Tex., assignor to Continental Oil Company, Ponca City, Okla. Casing tester. 2,164,195; June 27.
Walters, Anne, New York, N. Y. Brassière. 2,175,676; Oct. 10.
Walters, Clarence C. (See Jordan, L. J., and Walters.)
Walters, Clarence C., assignor to Industrial Rayon Corporation, Cleveland, Ohio. Processing reel. 2,145,281; Jan. 31.
Walters, Dean A., assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Gauging device. 2,145,841; Jan. 31.
Walters, Francis M., Jr., assignor to The Youngstown Sheet and Tube Company, Youngstown, Ohio. Welding wire. 2,146,320; Feb. 7.
Walters, Jake L., Randlett, Okla. Mop wringer. 2,159,577; May 23.
Walters, Oswald H. (See Goodall, A. W., and Walters, assignors.)
Waltham Watch Company. (See Flagg, Frederick P., assignor.)
Waltham Watch Company. (See Freistadter, Jacob, assignor.)
Waltham Watch Company. (See Hemmingson, Alfred, assignor.)
Walthausen, Victor, Bronxville, and L. R. Metry, Brooklyn, N. Y. Solid solution of acetates of sugars. 2,174,541; Oct. 3.
Walther, Fritz, Zella-Mehlis, Germany. Automatic firearm. 2,145,328; Jan. 31.
Walther, Wilhelm, Stuttgart, and W. Hirsch, Fellbach, near Stuttgart, Germany, assignors to Robert Bosch Gesellschaft mit beschränkter Haftung. Ignition apparatus. 2,160,241; May 30.

Walthers, William A., Dalton, Wis. Nut cracking machine. 2,142,769; Jan. 3.
Walti, Alphonse. (See Major, R. T., and Walti.)
Walti, Alphonse, Westfield, assignor to Merck & Co. Inc., Rahway, N. J. Producing proteolytic enzyme from ficus latex. 2,163,643; June 27.
Wälti, Heinrich, Winterthur-Wulflingen, assignor to Sulzer Frères, Societe Anonyme, Winterthur, Switzerland. Reciprocating piston engine construction. 2,143,586; Jan. 10.
Wälti, Heinrich, Winterthur-Wulflingen, assignor to Sulzer Frères, Société Anonyme, Winterthur, Switzerland. Fuel injection system for internal combustion engines. 2,144,132; Jan. 17.
Wälti, Heinrich, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Internal combustion engine apparatus. 2,155,068; Apr. 18.
Wälti, Heinrich, assignor to Sulzer Freres, Societe Anonyme, Winterthur, Switzerland. Internal combustion engine valve. 2,159,607; May 23.
Waltmann, Ernst. (See Kaase, W., and Waltmann.)
Waltmann, Ernst, and E. Wolf, Krefeld, Germany, assignors to Heberlein Patent Corporation, New York, N. Y. Rendering textiles water-repellent and products therefrom. 2,173,029; Sept. 12.
Walton, Alexander R., Madeley, England. Production of metal articles. 2,143,336; Jan. 10.
Walton, Alfred B., Kenmore, assignor to Certain-Teed Products Corporation, New York, N. Y. Process of and apparatus for producing covering material. 2,157,944; May 9.
Walton, Bruce, Glenbrook, Conn., assignor to The Chas. H. Phillips Chemical Co., New York, N. Y. Producing dry magnesium hydroxide and products thereof. 2,169,983; Aug. 15.
Walton, George W., Kensington, London, England. Television scanning system. 2,157,468; May 9.
Walton, George W., Kensington, London, England. Television and like system. 2,182,043; Dec. 5.
Walton, Hamlet, Sheffield, England. Manual exercising and physical developing device. 2,143,337; Jan. 10.
Walton, Harold F. (See Hall, F. B., Treat, and Walton.)
Walton, James F., Pittsburgh, Pa. Tobacco pipe. 2,179,533; Nov. 14.
Walton, Jesse S. (See Gray, J. W., and Walton.)
Walton, John R., Wichita, Kans. Internal combustion rotary engine. 2,148,312; Feb. 21.
Waltz, Fredrick H., assignor to Eastman Kodak Company, Rochester, N. Y. Preparation of saponins. 2,172,265; Sept. 5.
Walworth Patents Inc. (See Ballard, Herman E., assignor.)
Walworth Patents Inc. (See Loughner, F. E., and Morehead, assignors.)
Walz, George M. (See Walz, John F. and G. M.)
Walz, John F. and G. M., assignors of one-fourth to L. A. Walz, Hays, Kans. Sanitary sewer clean out. 2,176,553; Oct. 17.
Walz, Lincoln A. (See Walz, John F. and G. M., assignors.)
Walz, Richard F. (See Lemmon, W. S., Fitch, and Walz.)
Walz, Valeria W., Perham, Minn. Cooking kettle. 2,169,547; Aug. 15.
Wambach, Kurt. (See Rieck, A. W., Chapman, and Wambach.)
Wampner, Herbert L., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Finishing system for acoustical surfaces. 2,150,139; Mar. 7.
Wamser, Charles J., Milwaukee, Wis. Interchangeable illuminated sign. 2,163,298; June 20.
Wamsley, Delos H., West Caldwell, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Introducing active metals into envelopes. 2,156,414; May 2.
Wamsley, Delos H., West Caldwell, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Insulating coating. 2,171,230; Aug. 29.
Wanamaker, Harry F., assignor to Proctor & Schwartz, Incorporated, Philadelphia, Pa. Clamp for hosiery drying forms. 2,154,369; Apr. 11.
Wander, Julian C. (See Mitschang, Frank and J., and Wander.)
Wanderer, Frederick W., Penns Groove, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Producing transparent blocks of camphor. 2,146,781; Feb. 14.
Wanderer-Werke vorm. Winklhofer & Jaenicke Akt.-Ges. (See Buschmann, Eugen, assignor.)
Wanderer-Werk vorm. Winklhofer & Jaenicke Akt.-Ges. (See Eisele, Felix, assignor.)
Wanderer-Werke vorm Winklhofer & Jaenicke Akt.-Ges. (See Schüler, Hugo, assignor.)
Wanderer-Werke vorm. Winklhofer & Jaenicke Akt.-Ges. (See Vogt, Alfred, assignor.)
Wandrey, Erwin, assignor to R. B. Hayward Company, Chicago, Ill. Metal drum. 2,161,543; June 6.
Wandscheer, Evert, Sioux Center, Iowa. Window construction. 2,156,555; May 2.
Waner, Harry E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Tubular rivet. 2,149,199; Feb. 28.
Waner, Harry E., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Protective covering for aircraft surfaces and the like. 2,168,012; Aug. 1.
Wangemann, Paul, Berlin, Germany. Rectifier of heavy electric current. 2,144,421; Jan. 17.
Wangemann, Paul, Berlin, Germany. Circuit breaker. 2,145,468; Jan. 31.
Wangemann, Paul, New York, N. Y. Electric circuit breaker. 2,172,423; Sept. 12.
Wangerin, Elmer O. (See Hopkins, R. S., and Wangerin.)
Waninger, Carl, assignor to Rheinmetall-Borsig Aktiengesellschaft, Dusseldorf, Germany. Gun loading device. 2,151,288; Mar. 21.
Waninger, Carl, assignor to Rheinmetall-Borsig Aktiengesellschaft, Dusseldorf, Germany. Gun having means for directly canting the trunnion axis. 2,151,630; Mar. 21.
Wannemacher, William P., Minneapolis, Minn. Chain tensioning mechanism. 2,145,145; Jan. 24.
Wannemacher, William P., Bloomington, Ill. Antiskid device. 2,166,454; July 18.
Wanner, Edward F. (See Christie, L. M., Wanner and Brewer.)
Wanser, Paul C., Tarrytown, N. Y. Envelope in continuous strip form. 2,148,886; Feb. 28.
Wanser, Paul C., Tarrytown, N. Y. Stationery form and envelope. 2,148,887; Feb. 28.
Wantz, Clarence, assignor to Milwaukee Gas Specialty Company, Milwaukee, Wis. Pilot burner head and support for thermocouples. 2,181,843; Nov. 28.
Wanz, Ernest, New York, N. Y. Card table. 2,182,327; Dec. 5.
Warburton, Fred, assignor to Cable and Wireless Limited, London, England. Telegraph printing, recording, and like apparatus. 2,148,002; Feb. 21.
Warburton, Rupert E. L., London, England. Closure for containers. 2,147,565; Feb. 14.
Ward, Albert N. (See Murphy, E. A., Trobridge, and Ward.)
Ward, Albert N., Bordesley Green, Birmingham, and F. T. Purkis, Moseley, Birmingham, assignors to Dunlop Rubber Company Limited, London, England. Making goods of cellular rubber. 2,180,725; Nov. 21.
Ward Baking Company. (See Hoffman, C., Dalby, and Schweitzer, assignors.)
Ward, Charles W., Los Angeles, Calif. Transom controller. 2,177,446; Oct. 24.
Ward, Charles W., Los Angeles, Calif. Transom controller. 2,179,206; Nov. 7.
Ward, Edgar E. (See Beekman, E. W., Haubursin, and Ward.)
Ward, Edgar T., Chicago, Ill. Propeller. 2,160,467; May 30.
Ward, Ernest E., Harrison, Maine. Adjustable catch basin. 2,180,268; Nov. 14.
Ward, Eugene B., West Springfield, Mass. Footwear. 2,165,749; July 11.
Ward, Frederick A., Highland Park, assignor to Gear Grinding Machine Company, Detroit, Mich. Universal joint. 2,150,952; Mar. 21.
Ward, Hugh A., New York, N. Y. Step-by-step lead pencil. 2,179,835; Nov. 14.
Ward, Jack W., Nassawadox, Va. Circular work attachment. 2,157,310; May 9.
Ward, James H., Jr., Niles, Mich., assignor, by mesne assignments, to The Tyler Fixture Corporation. Refrigerator. 2,159,608; May 23.
Ward, James P. (See Ward, James P., Jr., assignor.)
Ward, James P., Jr., assignor to J. P. Ward, Chicago, Ill. Finger key for typewriting and other machines. 2,181,955; Dec. 5.
Ward, John C., Jr., and P. M. Mueller, Rome, N. Y., assignors, by mesne assignments, to Burton-Dixie Corporation. Porch glider. 2,149,647; Mar. 7.
Ward, John L., et al. (See Miller, William H., assignor.)
Ward, L. A., Inc. (See Ward, Leonard A., assignor.)
Ward, Langley C., Racine, Wis. Street indicator. 2,158,644; May 16.
Ward, Lawrence T., New York, N. Y. Spray head. 2,144,644; Jan. 24.
Ward, Leonard A., Denver, Colo. Furnace stoker. 2,146,198; Feb. 7.
Ward, Leondard A., Denver, Colo. Furnace stoker. 2,151,575; Mar. 21.
Ward, Leonard A., Denver, Colo., assignor to L. A. Ward, Inc. Furnace stoker. 2,151,574; Mar. 21.
Ward Leonard Electric Company. (See Ganci, Charles J., assignor.)
Ward Leonard Electric Company. (See McKeown, Samuel C., assignor.)
Ward Leonard Electric Company. (See Schultz, Solomon E., assignor.)
Ward, Loyd A. (See Taylor, E. D., Ward, and Weisel.)
Ward, Oral J., Colorado Springs, Colo. Clasp. 2,160,569; May 30.
Ward Products Corporation, The. (See Kopanski, Roman, assignor.)
Ward, Robert I., Chicago, Ill. Differential protection means. 2,147,781; Feb. 21.
Ward, Robert I., Chicago, Ill. Directional power relay. 2,148,145; Feb. 21.

Ward, Walter, Oakland, Calif., assignor to Vi-Vac Concrete Pipe Company. Apparatus for manufacturing plastic articles. 2,165,671; July 11.
Ward, William J., assignor to Hamilton Wade Company, Brockton, Mass. Strip treating apparatus. 2,146,238; Feb. 7.
Warden, John B., Harrisburg, Pa., assignor to Barber Asphalt Corporation, Barber, N. J. Pavement. 2,171,153; Aug. 29.
Warden, John W. (See Reeves, C. H., and Warden.)
Wardle, John A., South Jordan, Utah. General utility tool. 2,158,444; May 16.
Wardmore Corporation. (See Rose, Jay, assignor.)
Wardwell, George W., Jr., Nichols, Conn., assignor to General Electric Company. Pad for ironer rolls. 2,143,724; Jan. 10.
Wardwell, George W., Jr., Nichols, Conn., assignor to General Electric Company. Ironing machine. 2,153,403; Apr. 4.
Wardwell, George W., Jr., Nichols, Conn., assignor to General Electric Company. Coating for heated surfaces. 2,169,118; Aug. 8.
Wardwell, George W., Jr., Nichols, Conn., assignor to General Electric Company. Hydraulic operator. 2,170,702; Aug. 22.
Ware, Elmer G., Bakersfield, Calif. Pumping gear. 2,155,108; Apr. 18.
Ware, Frank, Moorestown, N. J., assignor to Travelo Corporation, Philadelphia, Pa. Knitted fabric. 2,170,741; Aug. 22.
Ware, Marsden, assignor to Packard Motor Car Company, Detroit, Mich. Valve spring dampener. 2,178,444; Oct. 31.
Ware, Paul, New York, N. Y. Variable inductance. 2,163,644; June 27.
Ware, Paul, assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Inductive tuner. 2,163,645; June 27.
Ware, Paul, assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Tuning circuit. 2,163,646; June 27.
Ware, Paul, assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. High frequency tuner. 2,163,647; June 27.
Waring, Charles E. (See Smith, H. F., and Waring.)
Waring, Frank M., Harrisburg, Pa. Preventing soil erosion. 2,143,461; Jan. 10.
Waring, Kjell, Forest Hills, N. Y. Holder for neckties and other articles. 2,143,119; Jan. 10.
Wark, Samuel A., and A. C. Torem, Seattle, Wash. Beer can. 2,147,004; Feb. 14.
Warmenhoven, Peter. (See Gurleay, Arthur H., assignor.)
Warnat, Kurt, Basel, Switzerland, assignor to Hoffman-La Roche, Inc., Nutley, N. J. Derivatives of ascorbic acid having an anti-scorbutic action and the manufacture of same. 2,150,140; Mar. 7.
Warncke, Hans, Berlin-Suedende, assignor to Klangfilm G. m. b. H., Berlin, Germany. Light stop for sound recording. 2,183,949; Dec. 19.
Warneke, Roman C., Fort Wayne, Ind., assignor to General Electric Company. Refrigerating machine. 2,178,445; Oct. 31.
Warneke, Wilber, Readlyn, Iowa. Convertible steering unit for row-crop tractors. 2,178,505; Oct. 31.
Warner, Archibald A. (See McCarthy, C. S., and Warner.)
Warner, Boyd W., assignor to The Warner Brooder & Appliance Corporation, North Manchester, Ind. Brooder. Re. 21,097; May 23.
Warner Brooder & Appliance Corporation, The. (See Warner, Boyd W., assignor.)
Warner Bros. Pictures, Inc. (See Adams, L. J., and Bracken, assignors.)
Warner Bros. Pictures, Inc. (See Anderson, George J., assignor.)
Warner Bros. Pictures, Inc. (See Bracken, F., and Reed, assignors.)
Warner Bros. Pictures, Inc. (See Gage, Fred W., assignor.)
Warner Bros. Pictures, Inc. (See Gibbons, James A., assignor.)
Warner Bros. Pictures, Inc. (See Haskin, Byron C., assignor.)
Warner Bros. Pictures, Inc. (See Jackman, Fred W., assignor.)
Warner Bros. Pictures, Inc. (See Mohr, H. L., and Tondreau, assignors.)
Warner Bros. Pictures, Inc. (See Thomas, William, assignor.)
Warner Bros. Pictures, Inc. (See Tondreau, Albert W., assignor.)
Warner, Donald F., Swampscott, Mass., assignor to General Electric Company. Governing mechanism. 2,155,247; Apr. 18.
Warner, Donald F., Lynn, Mass., assignor to General Electric Company. Elastic fluid turbine shaft and disk structure and the like. 2,157,838; May 9.
Warner, Donald F, Swampscott, Mass., assignor to General Electric Company. Valve mechanism. 2,177,544; Oct. 24.
Warner, Donald F., Swampscott, Mass., assignor to General Electric Company. Elastic fluid turbine plant. 2,181,002; Nov. 21.
Warner, James P., and A. Voorhies, Jr., Baton Rouge, La., assignors to Standard Oil Development Company. Herbicidal oils. 2,160,929; June 6.
Warner, Joe H., assignor to D. W. Price, Chicago, Ill. Amusement apparatus. 2,181,984; Dec. 5.
Warner, Laurice L., Leeds, Ala., assignor to The Silex Company. Automatic controller for coffee makers. 2,167,255; July 25.
Warner, Maurice A., Detroit, Mich. Mute for stringed instruments. 2,175,007; Oct. 3.
Warner, Merit J., Santa Paula, Calif. Conveyer apparatus. 2,149,563; Mar. 7.
Warner, Munroe F., Columbus, Ohio, assignor to American Zinc, Lead & Smelting Company. Grate for sintering machines. 2,174,338; Sept. 26.
Warner, Ralph W., A. C. Woodruff, and H. Smalley, assignors to Ideal Dairy Dispenser Company, Denmark, Iowa. Dispensing apparatus. 2,174,712; Oct. 3.
Warner, Russell A., Schenectady, N. Y., assignor to General Electric Company. Electrical measuring instrument. 2,175,046; Oct. 3.
Warner, Sterling W., Somerville, and L. B. Case, assignors to John Waldron Corporation, New Brunswick, N. J. Pneumatic vibrating mechanism. 2,157,367; May 9.
Warner & Swasey Company, The. (See Burrell, Edward P., assignor.)
Warner & Swasey Company, The. (See Darash, Nicholas P., assignor.)
Warner & Swasey Company, The. (See De Leeuw, Adolph L., assignor.)
Warner & Swasey Company, The. (See Lange, Max E., assignor.)
Warner & Swasey Company, The. (See Lange, M. E., and Longstreet, assignors.)
Warner & Swasey Company, The. (See Lange, M. E., and Van Hamersveld, assignors.)
Warner & Swasey Company, The. (See Van Hamersveld, John J. N., assignor.)
Warning Devices Company. (See Scheel, C. F., and Gessler, assignors.)
Warnke, Clemenes A., Grand Rapids, Mich. Bean harvester. 2,151,289; Mar. 21.
Warnke, Herbert R., New York, assignor to Control Instrument Company, Inc., Brooklyn, N. Y. Telephonic unit. 2,143,097; Jan. 10.
Warnock, Leonard E., Towns, Ga. Tool. 2,159,918; May 23.
Warn-O-Lite Company. (See Rook, James A. and C. H., assignors.)
Warp, Harold, Chicago, Ill. Combined shipping, dispensing, and display device. 2,181,555; Nov. 28.
Warr, Edward H., B. H. Stotter, and F. C. Russell, Baltimore, Md. Fire extinguisher. 2,163,477; June 20.
Warr, Harold G., Park Ridge, Ill., assignor, by mesne assignments, to Poor & Company. Rail retaining tie plate. 2,152,337; Mar. 28.
Warr, Harold G., Park Ridge, assignor to Poor & Company, Chicago, Ill. Flange protecting rail anchor. 2,163,299; June 20.
Warr, Harold G., Park Ridge, assignor to Poor & Company, Chicago, Ill. Rail anchor. 2,171,819; Sept. 5.
Warr, Harold G., Park Ridge, assignor, by mesne assignments, to Poor & Company, Chicago, Ill. Rail anchor. 2,181,616; Nov. 28.
Warr, Harry E., Wilkinsburg, and E. H. Schwab, Pittsburgh, Pa. Liquid dispensing apparatus. 2,161,988; June 13.
Warr, Harry E., Wilkinsburg, and E. H. Schwab, Pittsburgh, Pa. Nail-polish remover dispenser. 2,183,662; Dec. 19.
Warren, Calvin C., assignor of one-third to E. Amacher and one-third to G. W. Percy, South Dayton, N. Y. Apparatus for forming seamless milk can covers. 2,148,223; Feb. 21.
Warren, Geoffrey W., Wembley, assignor to M-O Valve Company, Limited, London, England. Elctrode spacer. 2,160,044; May 30.
Warren, Glenn B., Schenectady, N. Y., assignor to General Electric Company. Auxiliary unit for operating power plants. 2,149,107; Feb. 28.
Warren, Glenn B., Schenectady, N. Y., assignor to General Electric Company. Elastic fluid turbine arrangement. 2,181,751; Nov. 28.
Warren, Glenn B., Niskayuna, N. Y., assignor to General Electric Company. Elastic fluid turbine. 2,181,752; Nov. 28.
Warren, Harold, Swampscott, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of shoes. 2,155,572; Apr. 25.
Warren, Henry E., assignor to Warren Telechron Company, Inc., Ashland, Mass. Synchronized escapement clock. 2,158,888; May 16.
Warren, Henry E., assignor to Warren Telechron Company, Ashland, Mass. Repeating alarm timer. 2,163,419; June 20.
Warren, John T., Los Angeles, Calif. Automatic safety device for vehicles. 2,172,116; Sept. 5.
Warren, Joseph A., Westbrook, Maine, assignor to S. D. Warren Company, Boston, Mass. Sized paper. 2,183,858; Dec. 19.
Warren, Kenneth W., assignor to Bendix Products Corporation, South Bend, Ind. Shock strut. 2,184,327; Dec. 26.
Warren, Otey Y., Roslyn Estates, N. Y. Container. 2,182,065; Dec. 5.
Warren, Paul C., Lakeside, and W. Boydston, Niles, Mich. Refrigerator. 2,163,182; June 20.
Warren, Ralph, and T. S. Geisel, New York, N. Y. Camera. 2,150,853; Mar. 14.

Warren, Richard, assignor, by mesne assignments, to International Business Machines Corporation, New York, N. Y. Record controlled statistical machine. 2,150,256; Mar. 14.
Warren, Richard F., Stratford, Conn. Making an article. 2,169,825; Aug. 15.
Warren, Robert P., Kenilworth, and D. Peterkin, Jr., assignors to Morton Salt Co., Chicago, Ill. Dispensing device for tablets, lozenges, pellets, and the like. 2,176,232; Oct. 17.
Warren, S. D., Company. (See Coggeshall, George W., assignor.)
Warren, S. D., Company. (See Porter, Lawrence W., assignor.)
Warren, S. D., Company. (See Warren, Joseph A., assignor.)
Warren Telechron Company, et al. (See Grupe, H. L., (Robertson, assignor), and Moran.)
Warren Telechron Company. (See Warren, Henry E., assignor.)
Warren Textile and Machinery Supply Co. (See Barrett, E. W., and Hargreaves, assignors.)
Warren, William H., San Francisco, Calif., assignor to International Standard Electric Corporation, New York, N. Y. Electromagnetic recording system. 2,151,951; Mar. 28.
Warrick, Charles F., Detroit, assignor to Bender-Warrick Corporation, Birmingham, Mich. Electromagnetic device. 2,172,460; Sept. 12.
Warrington, Charles J. S., Westmount, Quebec, Canada, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Degreasing process. 2,162,656; June 13.
Warrington, William W., Dulwich Hill, near Sydney, New South Wales, Australia. Brake for cycles and the like. 2,154,188; Apr. 11.
Warrol, Helge. (See Särenholm, E., and Warrol.)
Warshaw, Julius J., New York, assignor to Kuhmarker Waxed Paper Co., Inc., Brooklyn, N. Y. Waxed paper packaging. 2,150,998; Mar. 21.
Warshaw, Nathaniel. (See Shepard, F. J., and Warshaw.)
Warshawsky, Isador, assignor of twenty per cent to J. Warshawsky and twenty percent to Nettie Warshawsky, both of Brooklyn, N. Y. Multiple filament electric incandescent lamp. 2,161,443; June 6.
Warshawsky, Jacob, et al. (See Warshawsky, Isador, assignor.)
Warshawsky, Nettie, et al. (See Warshawsky, Isador, assignor.)
Warsing, Martin L., Altoona, Pa. Muffler. 2,150,530; Mar. 14.
Warta, Arthur J., Ellsworth, Kans. Bindweed cutter. 2,150,304; Mar. 14.
Warth, Albin H., and E. Gassmann, assignors to Crown Cork & Seal Company, Inc., Baltimore, Md. Center spotting container closures and apparatus therefor. 2,177,271; Oct. 24.
Warwick, Arthur J., assignor to Stancliffe Free-Wheeling Limited, London, England. Spray device for vehicles. 2,151,250; Mar. 21.
Warwick, Arthur J., assignor to Stancliffe Free-Wheeling Limited, London, England. Sprag device for vehicles. 2,166,512; July 18.
Warwick, Earl C., Glendale, Calif. Air conditioning mechanism. 2,152,294; Mar. 28.
Waseige, Charles R., Rueil, France. Aerial propeller with variable pitch. 2,181,985; Dec. 5.
Waseige, Charles R., Rueil, assignor to Air Equipment, Boulogne-Billancourt, Seine, France. Operating mechanism for retractable members on board aircraft such as landing gears, cupolas, tanks, etc. 2,148,972; Feb. 28.
Waseige, Charles R., Rueil, assignor to Societe Air Equipment Billancourt, Seine, France. Engine starting mechanism. 2,152,675; Apr. 4.
Waseige, Charles R., Rueil-Malmaison, assignor to Societe Anonyme Air Equipment, Bellancourt, Seine, France. Driving mechanism. 2,154,591; Apr. 18.
Washburn Company, The. (See Andrews, C., and Hannon, assignors.)
Washburn Company, The. (See Glenny, Clarence S., assignor.)
Washburn, Cornelius C., Lakeland, Fla. Bookmarker. 2,150,953; Mar. 21.
Washburn, Donald H., and E. B. Hudson, assignors to The American Rolling Mill Company, Middletown, Ohio. Semiarticulated forming hood for up-type coilers. 2,155,879; Apr. 25.
Washburn, Henry M., Newtonville, assignor to Raytheon Production Corporation, Newton, Mass. Grid-making machine. 2,181,288; Nov. 28.
Washburn, Selden G., Goodwin, S. Dak. Snow plow. 2,151,491; Mar. 21.
Washburn, Willis F., Metuchen, N. J., assignor, by mesne assignments, to National Lead Company, New York, N. Y. Preparation of white titanium dioxide pigments. 2,148,283; Feb. 21.
Washburn, Willis F., R. Dahlstrom, and A. T. McCord, Metuchen, N. J., assignors, by mesne assignments, to National Lead Company, Inc., New York, N. Y. White titanium pigment and preparing the same. 2,166,082; July 11.
Washburne, Robert N. (See Bruson, H. A., and Washburne.)
Washer, Chandler C., Maplewood, N. J., assignor to Philadelphia Steel and Wire Corporation, Philadelphia, Pa. Assembled lock washer and bolt, screw, or the like. 2,176,411; Oct. 17.
Washington Co-Operative Egg and Poultry Association. (See Meyer, J. L. G., and Raskie, assignors.)
Washington, George, Jr., Morristown, N. J. Method and means for reproducing pictures. 2,179.002; Nov. 7.
Washington Institute of Technology, Inc. (See Kear, Frank G., assignor.)
Washington Institute of Technology, Inc. (See Kear, F. G,. and Marx, assignors.)
Washington Lumber Company, The. (See Rumer, Paul, assignor.)
Washington, Robert, assignor of one-fourth to J. E. Hazel, New York, N. Y. Ventilator attachment for windows. 2,172,996; Sept. 12.
Waskiewicz, Walter. (See Rosenthal, J. J., and Waskiewicz.)
Wasmer, Charles L., et al. (See Hogue, Henry J., assignor.)
Wasmer, John C., et al. (See Hogue, Henry J., assignor.)
Wassel, Edward, Amsterdam, N. Y. Flashlight tester. 2,174,484; Sept. 26.
Wassenegger, Hans. (See Pattock, K., and Wassenegger.)
Wassenegger, Hans. (See Sütterlin, W., and Wassenegger.)
Wasser, Harry N., assignor to Ellwood Safety Appliance Company, Ellwood City, Pa. Foot guard. 2,160,768; May 30.
Wasserlein, Henry G., Jr., East Cleveland, Ohio, assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Load compensated control system. 2,172,487; Sept. 12.
Wassermann, Günter, Berlin-Wilmersdorf, assignor to Siemens & Halske, Aktiengesellschaft, Siemensstadt, near Berlin, Germany. Manufacturing magnetic material of high permeability in sheet form. 2,173,240; Sept. 19.
Wasson, Jones I. (See Frolich, P. K., and Wasson.)
Wasson, Jones I. (See Wiezevich, P. J., and Wasson.)
Wasson, Jones I., and G. H. B. Davis, Elizabeth, N. J., assignors to Standard Oil Development Company. Stabilizer for lubricating oil dye. 2,163,300; June 20.
Wasson, Robert B., Cranford, N. J., and A. V. de Forest, Cambridge, Mass., assignors to John Chatillon & Sons, New York, N. Y. Resilient article and alloy and their manufacture. 2,174,171; Sept. 26.
Wassum, Walter W. (See Lieb, M. R., and Wassum.)
Wasum, Ludwig W., Germantown, assignor to The Kessler Chemical Corporation, Philadelphia, Pa. Lubricating textile fibers and the like and product. 2,151,952; Mar. 28.
Waterbury Button Company, The. (See Mausolf, George A., assignor.)
Waterbury Clock Company, The. (See Kohlhagen, Walter, assignor.)
Waterbury Clock Company, The. (See Putnam, James R., assignor.)
Waterbury Clock Company, The. (See Reichenbach, Albert B., assignor.)
Waterbury Farrel Foundry & Machine Company. (See Pierson, W. D., and Walsh, assignors.)
Waterbury Farrell Foundry & Machine Company, The. (See Candee, Zenas P., assignor.)
Waterbury Farrel Foundry and Machine Company, The. (See O'Brien, John F., assignor.)
Waterbury, James D., Utica, N. Y. Detachable grain door unit for box freight cars. 2,169,889; Aug. 15.
Waterbury, John H., Chicago, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Floodlighting unit. 2,142,467; Jan. 3.
Waterbury Lock and Specialty Company, The. (See Evans, William E., assignor.)
Waterbury Lock & Specialty Company, The. (See Evans, William E., assignor.)
Waterbury, Ronald J., Birmingham, assignor to General Motors Corporation, Detroit, Mich. Door bumper and lock striker. 2,153,110; Apr. 4.
Waterbury Tool Company, The. (See Doe, Thomas B., assignor.)
Waterbury Tool Company, The. (See Doe, T. B., and Rose, assignors.)
Waterbury Tool Company, The. (See Doe, T. B., and Thomas, assignors.)
Waterbury Tool Company, The. (See Doe, T. B., Rose, and Grosser, assignors.)
Waterbury Tool Company, The. (See Ellis, Arthur L., assignor.)
Waterbury Tool Company, The. (See Gros, Henry G., assignor.)
Waterbury Tool Company, The. (See Grosser, Christian E., assignor.)
Waterbury Tool Company, The. (See Hodgman, Frederick S., assignor.)
Waterbury Tool Company, The. (See Rose, Edwin L., assignor.)
Waterbury Tool Company, The. (See Rose, E. L., and Tweedale, assignors.)
Waterbury Tool Company, The. (See Thomas, William, assignor.)
Waterbury Tool Company, The. (See Tweedale, Ralph L., assignor.)

Waterfill, Robert W., East Orange, N. J., assignor to Buensod-Stacey Air Conditioning, Incorporated, New York, N. Y. Method and apparatus for cooling media. 2,175,162; Oct. 3.
Waterfill, Robert W., East Orange, N. J., assignor to Buensod-Stacey Air Conditioning, Incorporated, New York, N. Y. Method and apparatus for producing refrigeration. 2,175,163; Oct. 3.
Waterhouse, Charles L., Jr., Dearborn, assignor to General Motors Corporation, Detroit, Mich. Automobile body construction. 2,165,594; July 11.
Waterhouse Laundry Machinery Company. (See Norris, Guy F., assignor.)
Waterlow and Sons Limited. (See Holness, Reginald F. G., assignor.)
Waterman, Arthur J., New York, N. Y. Electroilluminating advertising device. 2,150,643; Mar. 14.
Waterman, Arthur T., Kansas City, Mo. Blind. 2,155,985; Apr. 25.
Waterman, Fred W., jr., Johnstown, Pa., assignor to The Universal Clay Products Company, Sandusky, Ohio. Spring clip. 2,164,264; June 27.
Waterman, Hein I., Delft, Cornelus van Vlodrop, Rotterdam, and J. A. van Dijk, The Hague, Netherlands, assignors to Imperial Chemical Industries Limited. Treatment of vitamin-containing oils and products obtained thereform. 2,143,587; Jan. 10.
Waterman, Hein I., Delft, and C. van Vlodrop, Rotterdam, Netherlands, assignors to Imperial Chemical Industries Limited. Flavoring matters and their application. 2,144,906; Jan. 24.
Waterman, Hein I., and W. J. C. de Kok, Delft, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Production of aralkenyl compounds and polymerization products thereof. 2,145,501; Jan. 31.
Waterman, Hein I., and C. van Vlodrop, Delft, Netherlands, assignors to Shell Development Company, San Francisco, Calif. Multistage evaporator. 2,159,303; May 23.
Waterman, Herbert, assignor to Aerovox Corporation, Brooklyn, N. Y. Electric condenser. 2,145,842; Jan. 31.
Waterman, Herbert, Manhasset, assignor to Aerovox Corporation, Brooklyn, N. Y. Electrolytic condenser. 2,153,999; Apr. 11.
Waterman, J. S. (See Serpas, Ernest J., assignor.)
Waterman, L. E., Company. (See Larsen, Gabriel, assignor.)
Waterman, Max L. (See Fleckenstein, G. A., and Waterman.)
Waterman, Max L., Fairfield, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Looptaker for sewing machines. 2,148,385; Feb. 21.
Waterman, Nathan, assignor of one-half to M. J. Stevens, St. Paul, Minn. Clothing bag. 2,172,424; Sept. 12.
Waterman, Waldo D., Santa Monica, Calif. Control for aeroplane vehicles and ground steering gear therefor. 2,172,813; Sept. 12.
Waterous, Donald M., assignor to Waterous, Ltd., Brantford, Ontario, Canada. Flat screen. 2,161,989; June 13.
Waterous Limited. (See Cole, Lorne A., assignor.)
Waterous, Ltd. (See Waterous, Donald M., assignor.)
Water-Pressure Vitalizer Co. (See Bracken, Joseph A., assignor.)
Waters, Daniel V., South Orange, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Interlocking control system. 2,157,043; May 2.
Waters, George F., Fall River, Mass. Stretching device. 2,161,394; June 6.
Waters, Gilbert C., Rochester, N. Y. Printing press. 2,164,363; July 4.
Waters, Granville A. (See Weichsel, H., and Waters.)
Waters, Harry F., New York, N. Y. Electrical incandescent lamp for series connection. 2,152,228; Mar. 28.
Waters, Harry F., New York, N. Y. Overshoe. 2,152,229; Mar. 28.
Waters, Harry F., New York, N. Y. Package and making the same. 2,159,835; May 23.
Waters, Harry F., New York, N. Y. Package and material for forming the same. 2,166,513; July 18.
Waters, Harry F., New York, N. Y., assignor of fifteen per cent to P. R. Mallory & Co., Inc., Indianapolis, Ind. Electric organ. 2,166,202; July 18.
Waters, Lawrence W., Los Angeles, Calif. Windshield wiper. 2,172,488; Sept. 12.
Waters, Marshall A., Chicago, Ill. Box blanking machine. 2,164,436; July 4.
Waters, Millard F., assignor to Hanlon-Waters, Inc., Tulsa, Okla. Pipe coupling. 2,165,163; July 4.
Waters, Millard F., assignor to Hanlon-Waters, Inc., Tulsa, Okla. Flexible pipe coupling. 2,165,164; July 4.
Waters, Samuel S., Washington, D. C. Adjustable combination action for pipe organs. 2,180,784; Nov. 21.
Waters, Thomas E., Atlantic, Iowa. Battery clamp remover. 2,149,564; Mar. 7.
Waterton, Frank. (See Beetlestone, A., and Waterton.)
Waterworth, Robert J., Sidney, Ohio, assignor to The Crosley Corporation. Means and method of operating electric motors. 2,145,616; Jan. 31.
Watkins, Bert R., Austin, Minn. Rotary snow plow. 2,166,667; July 18.
Watkins, Edgar E., Mast Hope, Pa. Flowerpot stand. 2,143,338; Jan. 10.
Watkins, Edmund W., Palatka, Fla. Permanent land marker. 2,181,032; Nov. 21.
Watkins, Edmund W., Palatka, Fla. Lettering and marking guide. 2,181,033; Nov. 21.
Watkins, Edward G., and J. A. Dell, assignors to Simplex Time Recorder Company, Gardner, Mass. Shifting mechanism for time recorders. 2,165,117; July 4.
Watkins, Ernest, St. Cloud, Minn. Antifreeze system. 2,172,882; Sept. 12.
Watkins Fruit Machinery Company. (See Watkins, Harold F., assignor.)
Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Double sash glazing. 2,143,747; Jan. 10.
Watkins, George B., assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Laminated safety glass. 2,164,301; June 27.
Watkins, George B., and D. H. Goodwillie, assignors to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Manufacture of laminated safety glass. 2,163,648; June 27.
Watkins, Harold F., Oakland, assignor to Watkins Fruit Machinery Company, San Francisco, Calif. Fruit handling and treating machine. 2,147,870; Feb. 21.
Watkins, Harold F., Oakland, assignor to Watkins Fruit Machinery Company, San Francisco, Calif. Fruit handling machine. 2,177,967; Oct. 31.
Watkins, Harold F., Oakland, assignor to Watkins Fruit Machinery Company, San Francisco, Calif. Fruit handling machine. 2,181,442; Nov. 28.
Watkins, James K., Monessen, assignor to Pittsburgh Steel Company, Pittsburgh, Pa. Method and apparatus for making wire fabric. 2,164,481; July 4.
Watkins, James R., Niles Center, Ill. Containers. 2,159,642; May 23.
Watral, Henry J., Astoria, N. Y. Drainer basket. 2,184,245; Dec. 19.
Watschinger, Frank, and A. Schlecht, Baldwinsville, N. Y. Musical instrument. 2,156,711; May 2.
Watson, Ann Linger, New Orleans, La. Dispensing device. 2,145,563; Jan. 31.
Watson, Charles G., Youngstown, Ohio. Metal coated roller. 2,161,905; June 13.
Watson, Chester C. (See West, M. H., and Watson.)
Watson, Claude G., Oakland, Calif. Mophead. 2,145,536; Jan. 31.
Watson, Claude W., Yonkers, assignor to The Texas Company, New York, N. Y. Treating hydrocarbon oil. 2,170,169; Aug. 22.
Watson Company, The. (See Richards, Edith C., assignor.)
Watson, David M., Ardsley, assignor to The American Pulley Company, Philadelphia, Pa. Variable-pitch pulley. 2,172,230; Sept. 5.
Watson, Edgar E., assignor to The Metalectric Corporation, Waterloo, Iowa. Independent wheel suspension for vehicles. 2,160,608; May 30.
Watson, Edward F., Larchmont, N. Y., assignor to American Telephone and Telegraph Company. Teletypewriter automatic switching system. 2,154,592; Apr. 18.
Watson-Flagg Machine Company. (See Van Riper, John C., assignor.)
Watson, George H., assignor to Alluvial Mining Equipment Limited, Sydney, New South Wales, Australia. Locking means for bucket pins. 2,181,675; Nov. 28.
Watson, Glenn W., Detroit, Mich. Electric steam generator. 2,164,482; July 4.
Watson, Glenn W., Detroit, Mich. Automatic gearshift. 2,167,921; Aug. 1.
Watson, Glenn W., Binghamton, assignor to International Business Machines Corporation, New York, N. Y. Signaling system. 2,168 460; Aug. 8.
Watson, Glenn W., assignor to Penweld Corporation, Detroit, Mich. Dual current condenser welder. 2,184,627; Dec. 26.
Watson, Glenn W., and E. C. Brannas, assignors to Penweld Corporation, Detroit, Mich. Welding apparatus. 2,184,628; Dec. 26.
Watson, H. E. (See Bulleigh, Robert, assignor.)
Watson, Harold F. (See Sayers, W. W., Bergmann, and Watson.)
Watson, Henry, Calgary, Alberta, Canada. Ready computer. 2,153,733; Apr. 11.
Watson, James, West Monkseation, and H. T. Lamb, Newcastle-on-Tyne, England. Feed hopper for pulverized materials. 2,164,483; July 4.
Watson, James A., Jr. (See Galanot, C. P., and Watson.)
Watson, James R., San Bernardino, Calif. Brake system coupler. 2,153,111; Apr. 4.
Watson, John D., Appleton, and L. Andersen, Wauwatosa, Wis. Harness motion for looms. 2,152,982; Apr. 4.
Watson, John F., Maplewood, N. J., assignor to The Borden Company, New York, N. Y. Milk bottle. 2,177,396; Oct. 24.
Watson, John P., Sidcup, assignor to Vickers-Armstrongs Limited, London, England. Controlling the output power of electric motors. 2,170,623; Aug. 22.
Watson, John W., Wayne assignor to John Warren Watson Company, Philadelphia, Pa. Motion damping mechanism. 2,159,919; May 23.
Watson, John Warren, Company. (See Watson, John W., assignor.)

Watson, Norman V. (See Watson, Victor H. and N. V.)
Watson, Paul A., Pasadena, Calif. Food product and producing the same. 2,168,724; Aug. 8.
Watson, Paul D., Alexandria, Va., dedicated to the free use of the People in the Territory of the United States. Resinous product. 2,144,352; Jan. 17.
Watson, Paul D., Alexandria, Va., dedicated to the free use of the People in the territory of the United States. Making lactic acid resinous products. 2,174,491; Sept. 26.
Watson, Paul E. (See Cole, Ralph I, and Watson.)
Watson, Robert C., et al., trustees. (See Best, Frank C., assignor.)
Watson, Robert C., et al., trustees. (See Broulhiet, Georges, assignor.)
Watson, Robert C., et al., trustees. (See Paton, Clyde R., assignor.)
Watson-Stillman Co., The. (See Dinzl, Richard W., assignor.)
Watson-Stillman Co., The. (See Stillman, E. A., and Dinzl, assignors.)
Watson, Thomas G. W., and J. McL. Ferguson, London, England, assignors to American Engineering Company, Philadelphia, Pa. Extension grate for multiple retort underfeed stokers. 2,156,646; May 2.
Watson, Thomas S., Milwaukee, Wis. Washing machine head frame. 2,155,963; Apr. 25.
Watson, Victor H. and N. V., Leeds, England. Carton and the sealing thereof. 2,156,441; May 2.
Watson, William C., Franklin, Va. Insecticide distributor. 2,173,049; Sept. 12.
Watson, William F., Bradenton, Fla. Fishing reel. 2,158,597; May 16.
Watson, William O. (See Berlin, D. R., Watson, and Tydon.)
Watson-Williams Manufacturing Company. (See Blanchard, Joseph E., assignor.)
Watson-Williams Manufacturing Company. (See Spencer, Philip L., assignor.)
Watt, Everett P. (See Owen, S. A., and Watt.)
Watt, George W., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Vulcanization of rubber. 2,161,754; June 6.
Watt, Oscar G., Tulsa, Okla. Bathtub. 2,150,531; Mar. 14.
Watt, Oscar G., Tulsa, Okla. Heating apparatus. 2,175,329; Oct. 10.
Watt, Oscar G., Tulsa, Okla. Heating apparatus. 2,175,330; Oct. 10.
Watt, Thomas, Hatfield, Pretoria, Transvaal, Union of South Africa. Locomotive of the type particularly adapted for underground haulage purposes. 2,142,622; Jan. 3.
Watt, William G., assignor of one-half to S. G. Parker. Laramie, Wyo. Ink container and closure. 2,157,512; May 9.
Watt, William H., McKeesport, Pa., assignor to Columbia Radiator Company. Method and apparatus for sorting and setting double-headed chaplets. 2,170,226; Aug. 22.
Watter, Michael. (See Jacobson, J. M., and Watter.)
Watter, Michael, assignor to The Glenn L. Martin Company, Baltimore, Md. Aircraft construction. 2,158,598; May 16.
Wattie, William M., assignor to Crompton & Knowles Loom Works, Worcester, Mass. Backstay for loom reeds. 2,161,787; June 13.
Watts, Donald E., Schenectady, N. Y., assignor to General Electric Company. Control means for transmitters. 2,179,363; Nov. 7.
Watts, Eustace G., assignor to Pittsburgh Equitable Meter Company, Pittsburgh, Pa. Remote indicating and control system. 2,172,918; Sept. 12.
Watts, George W., Indianapolis, Ind. Deep-fat cooker. 2,177,193; Oct. 24.
Watts, James M., J. Freesh, and F. Borchers, Los Angeles, Calif. Spark plug. 2,168,019; Aug. 1.
Watts, Noble H., Bridgeport, Conn., assignor to General Electric Company. Washing machine. 2,161,604; June 6.
Watts, Warren S., Montclair, assignor to Eskimo Pie Corporation, Bloomfield, N. J. Sectional display dummy for ice cream confections. 2,173,463; Sept. 19.
Watts, William S., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,156,135; Apr. 25.
Watts, William S., assignor to Bendix Aviation Corporation, South Bend, Ind. Clutch control mechanism. 2,156,136; Apr. 25.
Waugh, Edward H., Woodinville, assignor to C. M. Ambrose, Seattle, Wash. Pump and metering device. 2,162,144; June 13.
Waugh Equipment Company. (See Clark, Leverett M., assignor.)
Waugh, George P., assignor to Eastman Kodak Company, Rochester, N. Y. Catalysts for producing aliphatic acids and producing them. 2,165,428; July 11.
Waugh, Stanley P., Westfield, N. J., assignor, by mesne assignments, of three-fourths to Tide Water Associated Oil Company, New York, N. Y. Lubricating composition. 2,174,907; Oct. 3.
Waugh, Thomas, Gleasondale, Mass. Heel protector for shoes. 2,147,224; Feb. 14.
Waukesha Motor Company. (See Fisher, James B., assignor.)
Waukesha Motor Company. (See Melcher, Lee W., assignor.)
Waversack, Joseph S., Westfield, Mass. Shoe construction. 2,179,391; Nov. 7.
Waxman, Carl F., and R. Pogoda, San Francisco, Calif. Garment. 2,170,703; Aug. 22.
Way, Donald D., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Unitary electrical system for sewing machines. 2,174,297; Sept. 26.
Way, George H., assignor to C. G. Conn Ltd., Elkhart, Ind. Trap table. 2,158,807; May 16.
Way, Gilbert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Crankcase ventilating system. 2,154,593; Apr. 18.
Way, Thomas H., Montreal, Quebec, Canada, assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Surface-treating labeled articles. 2,169,062; Aug. 8.
Wayne, Frederick A., Detroit, Mich. Suction mounting. 2,155,341; Apr. 18.
Wayne Pump Company, The. (See Arnold, R. H., and Sturm.)
Wayne Pump Company, The. (See Arnold, R. H., Polhamus, and Somervell, assignors.)
Wayne Pump Company, The. (See Chaplin, John H., assignor.)
Wayne Pump Company, The. (See Farnham, I. R., and Jauch, assignors.)
Wayne Pump Company, The. (See Jauch, R. J., Polhamus, and Arnold, assignors.)
Wayne Pump Company, The. (See Jauch, R. J., Sturm, and Griffin, assignors.)
Wayne Pump Company, The. (See Jauch, R. J., Sturm, Hinds, and Thompson, assignors.)
Wayne Pump Company, The. (See Lennart, Eugene J., assignor.)
Wayne Pump Company, The. (See Pepper, Byron J., assignor.)
Wayne Pump Company, The. (See Slye, E. A., Wild, Hoye, and Spaunburg, assignors.)
Wayne Pump Company, The. (See Spaunburg, H. L., and Slye, assignors.)
Wayne Pump Company, The. (See Spaunburg, H. L., and Wild, Edward and O., Jr., assignors.)
Wayne Pump Company, The. (See Sturm, Frederick W., assignor.)
Wayne Pump Company, The. (See Sturm, F. W., and Pepper, assignors.)
Wazac, Carl, Sr., Lost Nation, Iowa. Woodworking machine. 2,166,831; July 18.
Wead, Silas C. (See Leidig, Clarence A., assignor.)
Weadon, Francis M., Jr., Washington, D. C. Carpenter's gauge. 2,165,878; July 11.
Weagant, Roy A., Douglaston, Long Island, N. Y., assignor to Radio Corporation of America. Automatic volume control circuit. 2,163,167; June 20.
Weagant, Roy A., Douglaston, Long Island, N. Y., assignor to Radio Corporation of America. Rectifier system. 2,171,677; Sept. 5.
Weant, Clarence H., Baltimore, Md. Micrometric adjusting mechanism. 2,172,719; Sept. 12.
Weatherby, Benjamin B., Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y. Seismic surveying. 2,151,878; Mar. 28.
Weatherby, Benjamin B., Tulsa, Okla., assignor to Geophysical Research Corporation, New York, N. Y. Seismic surveying. 2,154,548; Apr. 14.
Weatherhead, Albert J., Jr., assignor to The Weatherhead Company, Cleveland, Ohio. Making coupling nuts. 2,145,282; Jan. 31.
Weatherhead, Albert J., Jr., Cleveland, and C. H. Crawley, Lakewood, assignors to The Weatherhead Company, Cleveland, Ohio. Method of making pistons. 2,174,644; Oct. 3.
Weatherhead, Albert J., Jr., Cleveland, and K. C. Schoepfle, Cleveland Heights, assignors to The Weatherhead Company, Cleveland, Ohio. Making brake cylinders. 2,149,078; Feb. 28.
Weatherhead Company, The. (See Sessions, William C., assignor.)
Weatherhead Company, The. (See Stecher, Henry D., assignor.)
Weatherhead Company, The. (See Weatherhead, Albert J., Jr., assignor.)
Weatherhead Company, The. (See Weatherhead, A. J., Jr., and Crawley, assignors.)
Weatherly, William J., Tampa, Fla. Locking device for loose leaf binders and the like. 2,180,973; Nov. 21.
Weathers, Paul, Audubon, N. J., assignor to Radio Corporation of America. Variable gain signal amplifying system. 2,160,097; May 30.
Weatherwax, Leon J., assignor of one-half to R. B. Menefee. Toledo, Wash. Fishtail propeller. 2,180,890; Nov. 21.
Weaver, Allan, Port Washington, N. Y., assignor to American Telephone and Telegraph Company. Picture broadcasting system. 2,142,339; Jan. 3.
Weaver, Chester E., Los Angeles, Calif. Method and apparatus for utilizing high frequency compressional waves. 2,163,649; June 27.
Weaver, Chester E., Los Angeles, Calif. Producing high frequency compressional waves. 2,163,650; June 27.

Weaver, Earl L., assignor to Goshen Manufacturing Company. Platform ladder. 2,172,860; Sept. 12.
Weaver, Eastman A., Winchester, and R. Imlay, Cambridge, assignors to Comstock & Wescott, Inc., Boston, Mass. Printing and means employed therefor. 2,147,683; Feb. 21.
Weaver, Eastman A., Winchester, Mass., assignor, by mesne assignments, to Stator Corporation. Purger assembly. 2,160,394; May 30.
Weaver, Eastman A., Winchester, assignor to Comstock & Westcott, Inc., Boston, Mass. Making color pictures. 2,183,598; Dec. 19.
Weaver, Everett E., Boulder County, Colo. Pocketknife. 2,183,901; Dec. 19.
Weaver, Frank P. (See Weinheimer, C. M., Weaver, and Pittman.)
Weaver, Ira A., assignor to Weaver Manufacturing Company, Springfield, Ill. Automobile body repairing appliance. 2,151,063; Mar. 21.
Weaver, Ira A., assignor to Weaver Manufacturing Company, Springfield, Ill. Headlight tester. 2,161,886; June 13.
Weaver, Joseph L. (See Mead, H. L., and Weaver.)
Weaver, Joshua C., Chicago, Ill. Gear shifting mechanism. 2,163,741; June 27.
Weaver, Leo L., Cranford, N. J., assignor to Western Electric Company, Incorporated, New York, N. Y. Strand handling apparatus. 2,161,494; June 6.
Weaver Manufacturing Company. (See Weaver, Ira A., assignor.)
Weaver, Max M., Oklahoma City, Okla. Parking meter. 2,152,577; Mar. 28.
Weaver, Myron A., Rye, N. Y., assignor to American Telephone & Telegraph Company. Multiplex carrier wave transmission. 2,154,594; Apr. 18.
Weaver, Myron A., Rye, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Crosstalk reduction. 2,167,016; July 25.
Weaver, William R., El Paso, Tex. Rifle telescope sight. 2,180,184; Nov. 14.
Web Truss Company, The. (See Westphal, Walter A., assignor.)
Webb, Benjamin F., Weston, W. Va. Clean-out closure for toilet bowls. 2,167,597; July 25.
Webb, C. B., Co. (See Webb, Charles A., assignor.)
Webb, Charles A., assignor to C. B. Webb Co., Lebanon, Pa. Rubber playing ball. 2,172,425; Sept. 12.
Webb, Charles C., assignor to Wheeling Stamping Company, Wheeling, W. Va. Bottle cap or the like. 2,171,015; Aug. 29.
Webb, Christopher F., Eastcote, assignor to Bell Punch Company, Limited, London, England. Zeroizing means. 2,150,666; Mar. 14.
Webb, Cyril P. (See Webb, Purcell T. and C. P.)
Webb, Edwin W., assignor to Standard Car Truck Company, Chicago, Ill. Stabilizing device for car trucks. 2,142,426; Jan. 3.
Webb, Edwin W., assignor to Standard Car Truck Company, Chicago, Ill. Side bearing. 2,142,427; Jan. 3.
Webb, Edwin W., assignor to Standard Car Truck Company, Chicago, Ill. Side bearing. 2,142,428; Jan. 3.
Webb, Edwin W., assignor to Standard Car Truck Company, Chicago, Ill. Stabilized truck and bolster therefor. 2,169,715; Aug. 15.
Webb, Edwin W., assignor to Standard Car Truck Company, Chicago, Ill. Spring cap for car trucks. 2,175,331; Oct. 10.
Webb, Elmer J., Syracuse, N. Y. Flexible dowel. 2,183,484; Dec. 12.
Webb, George W., Los Angeles, Calif. Smoke conditioner for tobacco pipes. 2,149,648; Mar. 7.
Webb, H. C., & Co. Ltd. (See Taylor, Frank W., assignor.)
Webb, Hartwell W., Flint, assignor to General Motors Corporation, Detroit, Mich. Mica cigarette winding machine. 2,178,733; Nov. 7.
Webb, Howard W. (See Rike, F. F., and Webb.)
Webb, J. A., Belting Co. (See Hoppenstedt, Alfred W., assignor.)
Webb, J. A., Belting Co. (See Webb, James A., assignor.)
Webb, James A., assignor to J. A. Webb Belting Co., Inc., Buffalo, N. Y. Machine for sizing leather belts. 2,157,874; May 9.
Webb, James A., Corpus Christi, Tex. Automatic idler and take-up. 2,167,963; Aug. 1.
Webb, Jervis B., Company. (See Webb, J. B., and Preble, assignors.)
Webb, Jervis B., Royal Oak, and N. H. Preble, Grosse Pointe, assignors to Jervis B. Webb Company, Detroit, Mich. Caterpillar drive for conveyers. 2,168,852; Aug. 8.
Webb, John K., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electrical insulating material. 2,147,824; Feb. 21.
Webb, John K., London, England, assignor to International Standard Electric Corporation, New York, N. Y. Electrical condenser for high tension circuits. 2,161,326; June 6.
Webb, John L., assignor to Holly-Pax, Inc., Los Angeles, Calif. Forming tampons. 2,152,230; Mar. 28.
Webb, Kevin W. C., Coonoor, Nilgris, assignor of one-half to R. L. B. Gall, Cootacamund, Nilgiris, South India. Photomechanical printing surface. 2,160,242; May 30.
Webb, Leonard S., Midland, Tex. Insect exterminator. 2,179,766; Nov. 14.
Webb, Nelson W., assignor to Eastwood-Nealley Corporation, Belleville, N. J. Covering for dandy rolls, cylindrical molds, or the like for use in paper making machines. 2,149,649; Mar. 7.
Webb, Norman H. (See Smith, W. A. D., and Webb.)
Webb, Purcell T. and C. P., Ashburton, Australia. Door latch and catch. 2,179,441; Nov. 7.
Webb, Samuel. (See Knight, W. S., and Webb.)
Webb, Samuel F., Holtville, Calif. Ground working machine. 2,160,243; May 30.
Webber, George D., assignor to Webber Metric Gage Company, Cleveland, Ohio. Measuring instrument. 2,158,555; May 16.
Webber, George R., Grantwood, N. J., assignor to Standard Brands Incorporated, New York, N. Y. Tea bag. 2,149,713; Mar. 7.
Webber, George R., Palisades, and T. R. Baxter, Plainfield, N. J., assignors to Standard Brands Incorporated, New York, N. Y. Packaging. 2,157,193; May 9.
Webber, George R., Palisades, P. W. Fleischer, Weehawken, and G. W. von Hofe, Bound Brook, N. J., assignors to Standard Brands Incorporated, New York, N. Y. Packaging. 2,157,194; May 9.
Webber, Malcolm F., assignor to General Motors Corporation, Detroit, Mich. Door hinge. 2,144,863; Jan. 24.
Webber, Malcolm F., assignor to General Motors Corporation, Detroit, Mich. Door latch. 2,173,671; Sept. 19.
Webber Metric Gage Company. (See Webber, George D. assignor.)
Weber, Charles F. (See Weber, John, Jr., W. F., C. F., and J., Sr.)
Weber Dental Manufacturing Company. (See Monnot, Edward L., assignor.)
Weber, Edna C. (See George, S. C., and Weber, assignors.)
Weber Engine Company. (See Gold, Samuel B. and B. E., assignors.)
Weber, Erich. (See Horn, Josef, assignor.)
Weber, Ernst, Mount Vernon, N. Y., assignor to The Power Transmission Company, Incorporated. Power control system. 2,179,364; Nov. 7.
Weber, Ernst, Baretswil, Zurich, Switzerland. Collapsible baby carriage. 2,170,227; Aug. 22.
Weber, Frederick W. (See Doty, John T., assignor.)
Weber, Frederick W., Southgate, assignor of one-half to J. T. Doty, Bellflower, Calif. Trench tamper. 2,146,101; Feb. 7.
Weber, Fritz J., assignor to the firm Schweizerische Lokomotiv-und Maschinenfabrik, Winterthur, Switzerland. Type. 2,165,429; July 11.
Weber, Harry M., West Engelwood, N. J., assignor, by mesne assignments, to Prolamine Products Incorporated, Dover, Del. Chewing gum base. 2,154,482; Apr. 18.
Weber, Herman, assignor to Shakespeare Products Company, Kalamazoo, Mich. Making fasteners. 2,160,298; May 30.
Weber, Johannes, Stuttgart-Feuerbach, and H. Heinrich, assignors to Robert Bosch Gesellschaft mit beschrankter Haftung, Stuttgart, Germany. Governor for internal combustion engines. 2,183,035; Dec. 12.
Weber, John J. (See George, S. C., and Weber.)
Weber, John, Jr., W. F., C. F., and J, Sr., deceased (by J. Weber, Jr., and W. F. Weber, executors), Muscatine, Iowa. Blanking machine. 2,171,464; Aug. 29.
Weber, John, Sr. (See Weber, John, Jr., W. F., C. F., and J., Sr.)
Weber, John A., Portland, Oreg. Sawmill equipment. 2,183,270; Dec. 12.
Weber, John R., South River, and V. B. Sease, New Brunswick, N. J., assignors to Du Pont Film Manufacturing Corporation, New York, N. Y. Photographic processing. 2,166,617; July 18.
Weber, John R., South River, assignor to Du Pont Film Manufacturing Corp., New York, N. Y. Fine-grain photography. 2,173,739; Sept. 19.
Weber, Karl H., Toledo, Ohio. Coil winding machine. 2,154,792; Apr. 18.
Weber, Karl H., Toledo, Ohio. Threading machine for insulator blanks. 2,154,793; Apr. 18.
Weber, Max, Brooklyn, assignor to Textile Specialty Corporation, New York, N. Y. Knitted fabric and making the same. 2,151,879; Mar. 28.
Weber, Rudolf, Leipzig, assignor to Telefunken für Drahtlose Telegraphie m. b. H., Berlin, Germany. Automatic adjusting means for rotary systems, particularly direction-finders. 2,153,782; Apr. 11.
Weber, Stéphan, Sallanches, France. Ski attachment. 2,158,599; May 16.
Wéber, Stéphane, Brussels, Belgium. Pump, more particularly beer pump. 2,148,918; Feb. 28.
Weber, Theodore R., Latrobe, Pa., assignor to American Locomotive Company, New York, N. Y. Leaf spring. 2,167,598; July 25.
Weber, Victor, assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Circuit breaker. 2,158,711; May 16.
Weber, Victor, assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Protected motor. 2,165,082; July 4.

Weber, Victor, assignor to The Emerson Electric Mfg. Co., St. Louis, Mo. Heat-responsive switch. 2,180,025; Nov. 14.
Weber, Walter. (See von Braunmühl, H. J., and Weber.)
Weber, Walter F. (See Weber, John, Jr., W. F., C. F., and J., Sr.)
Weber, Warren E., et al. (See Faires, William J., assignor.)
Weber, William C. (See Darby, G. M., Weber, and Fischer.)
Weber, William C., assignor of one-half to Standard Roofing Company, Birmingham, Ala. Shingle. 2,167,192; July 25.
Weber, William F., Chicago, Ill. Stapling machine core. 2,181,387; Nov. 28.
Webster, Allen D., Daly City, Calif. Scaffold hanger. 2,164,973; July 4.
Webster, Benjamin. (See Benjafield, Walter O., assignor.)
Webster, Clarence O., assignor of one-half to H. Cooke, Springfield, Ohio. Automatic chuck jaw. 2,158,490; May 16.
Webster Company, The. (See Erwood, Joseph, assignor.)
Webster, Duane E. (See Sanford, B., and Webster.)
Webster, Edgar P., Bridgeport, Conn. Belt coupling. 2,176,617; Oct. 17.
Webster Electric Company. (See Campbell, Richard H., assignor.)
Webster Electric Company. (See Daily, Roy, assignor.)
Webster Electric Company. (See Dally, Roy, assignor.)
Webster Electric Company. (See Osborne, Horace A., assignor.)
Webster Electric Company. (See Osborne, Herbert C., assignor.)
Webster Engineering Company. (See Reagan, Leon S., assignor.)
Webster, Georgia E. and R. H. Richmond Heights, assignors of two-thirds to C. G. Perry, St. Louis, Mo. Yarn making. 2,143,748; Jan. 10.
Webster, Georgia E. and R. H., Richmond Heights, assignors of two-thirds to C. G. Perry, St. Louis, Mo. Weaving. 2,166,668; July 18.
Webster, John F., Costa Mesa, Calif. Combination relief valve and tester. 2,178,901; Nov. 7.
Webster, Richard H. (See Webster, Georgia E. and R. H.)
Webster, Warren, & Company. (See Rohlin, Karl W., assignor.)
Webster, Willard M., Los Angeles, Calif. Ladder construction. 2,162,040; June 13.
Webwood Corporation. (See Horowitz, Armand R., assignor.)
Wechsberg, Otto, and H. Werner, assignors to Coppus Engineering Corporation, Worcester, Mass. Blower for annealing furnaces and the like. 2,169,331; Aug. 15.
Wechsler, Max F. and M. Levine, assignors to Kay Manufacturing Corporation, Brooklyn, N. Y. Furniture seat. 2,142,740; Jan. 3.
Wechsung, Hans, Dresden, Germany, assignor to General Electric Company. Band filtering device with variable band breadth. 2,145,742; Jan. 31.
Weckerly, Mark A. (See Mashbir, S. F., and Weckerly.)
Weckstein, Samson M., assignor to The Timken Roller Bearing Company, Canton, Ohio. Conveyer roller. 2,155,916; Apr. 25.
Wecoline Products, Inc. (See Amthor, F. G., and Zinzalian, assignors.)
Wecoline Products, Inc. (See Barsky, George, assignor.)
Weddell, Ralph R., and K. B. Kaiser, assignors to The Ingersoll Milling Machine Company, Rockford, Ill. Cutter and blade therefor. 2,173,868; Sept. 26.
Wedge, Cy, Houghton, Mich. Safety device for automatic burners. 2,171,380; Aug. 29.
Wedlake, Fred. (See McCurdy, W. A., and Wedlake.)
Wedler, Frederick C., Easthampton, Mass. Method and apparatus for jig-dyeing fabrics. 2,151,363; Mar. 21.
Weed, Edward L., assignor to J. J. White Manfg. Co., Providence, R. I. Enclosure device. 2,146,239; Feb. 7.
Weeks, Edward M. (See Weeks, Robert W., assignor.)
Weeks, Elling O., Milwaukee, Wis. Auxiliary lubricating device for internal combustion engines. 2,142,930; Jan. 3.
Weeks, Francis H. and R. B., New York, N. Y. Scale box and suspension therefor. 2,159,065; May 23.
Weeks, Frank O., Portland, Oreg. Furnace and combustion chamber. 2,157,195; May 9.
Weeks, Henry R., Coronado, Calif. Folding anchor breaking device. 2,144,645; Jan. 24.
Weeks, James A., et al., trustees. (See Colton, Henry S., assignor.)
Weeks, James R. (See Bertossa, Harry A., assignor.)
Weeks, Leonard M., Modesto, Calif. Junior speedway. 2,149,823; Mar. 7.
Weeks, Richard B. (See Weeks, Francis H. and R. B.)
Weeks, Robert W., West Chester, Pa., assignor to E. W. Weeks, Washington, D. C. Power regulating system. 2,152,576; Mar. 28.
Weeldenburg, Johannes G. (See Polak, J. J., and Weeldenburg.)
Weems, Philip V., Coronado, Calif. Method of and apparatus for navigation. 2,143,042; Jan. 10.
Weesner, Walker J., Indianapolis, Ind. Stencil hawk. 2,167,699; Aug. 1.
Wege, John P., assignor to Brown & Bigelow, St. Paul, Minn. Pad-a-month desk calendar. 2,149,904; Mar. 7.
Wege, John P., assignor to Brown & Bigelow, St. Paul, Minn. Desk memorandum calendar. 2,153,855; Apr. 11.
Wege, Philip, assignor to Amity Leather Products Co., West Bend, Wis. Combined billfold and keyholder. 2,172,883; Sept. 12.
Wegener, Francis A., assignor to Welsbach Company, Gloucester City, N. J. Gas burner ignition device. 2,148,386; Feb. 21.
Wegerdt, Fritz, Chemnitz, assignor to Friedrich Klopp, Solingen-Waldkhld., Germany. Hydraulic drive for machine tools. 2,182,908; Dec. 12.
Wegner, Arnold A., assignor to Chain Belt Company, Milwaukee, Wis. Article transfer apparatus for conveyers. 2,156,248; Apr. 25.
Wegst, Walter F., Philadelphia, and J. H. Wills, Brookhaven, Chester, assignors to Philadelphia Quartz Company, Philadelphia, Pa. Manufacture of hydrated sodium tetrasilicate. 2,179,806; Nov. 14.
Wehe, Herman G. (See Christensen, C. J., Goucher, and Wehe.)
Wehinger, Fritz, Baden, Switzerland. Combustion engine. 2,179,769; Nov. 14.
Wehinger, Robert, Nofels-Feldkirch, Vorarlberg, Austria. Fuel evaporating device for internal combustion engines. 2,163,522; June 20.
Wehmeier, Hermann, and W. Ruff, Wetzlar, Germany, assignors, by mesne assignments, to Centrifugal Pipe Corporation, Jersey City, N. J. Casting in a centrifugal mold. 2,152,717; Apr. 4.
Wehner, John M., Audubon, N. J., assignor to Radio Corporation of America. Film sprocket. 2,155,518; Apr. 25.
Wehr, Everett E. (See Schaffer, J. M., Harwood, and Wehr.)
Wehr, Robert D., Auburndale, Fla. Citrous peel scraper. 2,166,883; July 18.
Wehr Steel Company. (See Huff, Ernest, assignor.)
Wehr, William G., assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Crane scale. 2,142,579; Jan. 3.
Wehr, William G., assignor to The Cleveland Crane & Engineering Company, Wickliffe, Ohio. Monorail support and coupling. 2,156,827; May 2.
Wehrli, Walter, assignor to the firm of Chemical Works formerly Sandoz, Basel, Switzerland. Monoazo dyestuffs and their manufacture. 2,144,556; Jan. 17.
Wehrli, Walter, assignor to the firm of Chemical Works formerly Sandoz, Basel, Switzerland. Metal azo dyestuffs and their manufacture. 2,160,448; May 30.
Wehrstein, Andreas, assignor to the firm Persil Gesellschaft Henkel & Voith m. b. H., Vienna, Austria. Producing commercial alkali phosphates. 2,162,657; June 13.
Weibel, Marius P. (See Jorgansen, M. O., and Weibel.)
Weible, Carl J., Cleveland, Ohio, assignor to Bailey Meter Company. Telemetric system. 2,159,413; May 23.
Weichardt, Rudolf, and W. Freistadt, Bremen, and J. Hicke, Altona-Rissen, assignors to Krafft & Weichardt, Bremen, Germany. Apparatus for the starting and landing of aircraft. 2,160,449; May 30.
Weichsel, Hans, Webster Groves, assignor to Wagner Electric Corporation, St. Louis, Mo. Electric distribution system. 2,173,672; Sept. 19.
Weichsel, Hans, Webster Groves, assignor to Wagner Electric Corporation, St. Louis, Mo. Electric distribution system. 2,173,673; Sept. 19.
Weichsel, Hans, Webster Groves, and G. A. Waters, University City, assignors to Wagner Electric Corporation, St. Louis, Mo. Gasometer construction. 2,142,225; Jan. 3.
Weick, Fred E., Bethesda, Md. Retractable lateral control aileron. 2,174,542; Oct. 3.
Weidenborner, Frank F., Scarsdale, assignor to The Guardian Life Insurance Company of America, New York, N. Y. Mask device. 2,167,131; July 25.
Weidenmier, Carl H., Berlin Center, Ohio. Fishing lure. 2,179,018; Nov. 7.
Weidlich, William A., East Bound Brook, N. J. Grinding mill. 2,171,465; Aug. 29.
Weidman, Walter, Grosse Pointe Village, Mich. Partition assembly for shipping cases. 2,143,638; Jan. 10.
Weidner, George J., Cincinnati, Ohio. Universal boring tool. 2,151,251; Mar. 21.
Weiertz, Axel H. and P. A. R., Svedala, Sweden. Auxiliary air controller for internal combustion engines. 2,171,735; Sept. 5.
Weiertz, Per A. R. (See Weiertz, Axel H. and P. A. R.)
Weiertz, Per A. R., and L. K. Olsson, assignors to Aktiebolaget Cevia, Malmo, Sweden. Auxiliary air controller for internal combustion engines. 2,169,622; Aug. 15.
Weiger, Donald M., Seattle, Wash., assignor to The Trumbull Electric Manufacturing Company, Plainville, Conn. Wire terminal. 2,161,266; June 6.
Weihe, Hermann K., Berlin, Germany. Hydraulic brake. 2,150,617; Mar. 14.
Weihe, Hermann K., Berlin, Germany. Brake system. 2,156,415; May 2.
Weihe, Adolf, Bad Soden in Taunus, assignor to Deutsche Celluloid Fabrik, Eilenburg, Germany. Oily to resinous condensation products and preparing them. 2,171,965; Sept. 5.
Weiher, George F., Dayton, Ohio. Smoker's appliance. 2,159,190; May 23.
Weijlard, John. (See Engels, W. H., and Weijlard.)

Weijlard, John, and J. R. Stevens, assignors to Merck & Co., Inc., Rahway, N. J. Preparing derivatives of halogenated sterols and the products thus obtained. 2,168,379; Aug. 8.
Weijlard, John, assignor to Merck & Co. Inc., Rahway, N. J. Preparing -5.6-3-chlor-etio-cholenone-17. 2,176,113; Oct. 17.
Weikel, Harley E., Fort Wayne, Ind. Cover or lid for boxes and cases. 2,184,205; Dec. 19.
Weil, Bert, assignor to Melba Machinery Royalty Corporation, New York, N. Y. Toasting machine. 2,170,170; Aug. 22.
Weil, Edgar, Philadelphia, Pa. Display device. 2,145,999; Feb. 7.
Weil, Leo, Brooklyn, N. Y. Circuit closing device. 2,179,653; Nov. 14.
Weil Mfg. Corporation. (See Lawton, Arthur, assignor.)
Weiland, Alfred, Philadelphia, Pa. Universal joint. 2,171,999; Sept. 5.
Weiland, Alfred, Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Condensate disposal means for air conditioning units. 2,145,380; Jan. 31.
Weiland, Alfred, Philadelphia, and H. L. Galson, Swarthmore, Pa., assignors to Baldwin-Southwark Corporation. Air conditioning unit. 2,148,596; Feb. 28.
Weiland, Henry J., Wilmington, Del., and R. N. Lulek, South Milwaukee, Wis., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of anthraquinone vat dyestuffs. 2,162,203; June 13.
Weiler, Charles N., Nahant, Mass., assignor to General Electric Company. Solenoid. 2,182,685; Dec. 5.
Weiler, John E., assignor to Halliburton Oil Well Cementing Company, Duncan, Okla. Rathole packer. 2,172,948; Sept. 12.
Weiler, Peter B. (See Lewis, A. M., and Weiler.)
Weiller, Charles R., Evanston, Ill. Folding box construction. 2,177,507; Oct. 24.
Weiller, Charles R., Evanston, Ill. Shipping container. 2,178,213; Oct. 31.
Weiman, Frank X., assignor of one-half to B. A. Haberbush, Olean, N. Y. Combination deep fat frying kettle. 2,159,578; May 23.
Weimer, George A., Cleveland, Ohio. Automatic winding machine. 2,177,311; Oct. 24.
Weimer, Leith C. (See Voit, W. J., and Weimer.)
Weimer, Raymond S., Morris, Ill. Excavating apparatus. 2,145,904; Feb. 7.
Weimont, Joseph, Bogota, N. J., assignor to A. Kimball Company, New York, N. Y. Pin ticket roll. 2,165,672; July 11.
Weinand, Claus, Leverkusen I. G. Werk, Germany, assignor to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the anthraquinone series. 2,156,887; May 2.
Weinaug, Emile. (See Onorato, P., and Weinaug.)
Weinberg, Maurice J., New York, N. Y. Butter-chip maker. 2,147,684; Feb. 21.
Weinberg, Max, Knitting Co. (See Weinberg, Max, assignor.)
Weinberg, Max, New York, assignor to Max Weinberg Knitting Co., Inc., Brooklyn, N. Y. Knitting machine. 2,184,088; Dec. 19.
Weinberger, Jan, Chrastava, Czechoslovakia, assignor of twenty-five per cent to St. George Textile Corporation, New York, N. Y. Apparatus for producing additional draft in drawing frames. 2,152,295; Mar. 28.
Weinberger, Julius, Bronxville, N. Y., assignor to Radio Corporation of America. Band width and tone control circuit. 2,182,328; Dec. 5.
Weinberger, Maurice X. C., Brooklyn, N. Y. Building construction. 2,183,341; Dec. 12.
Weindel, Fred, Jr., assignor to L. F. Grammes & Sons, Inc., Allentown, Pa. Box construction. 2,158,972; May 16.
Weiner, Albert, Providence, R. I. Bead making machine. 2,159,066; May 23.
Weiner, Samuel N., Far Rockaway, N. Y. Undergarment. 2,178,413; Oct. 31.
Weinerth, George S., et al. (See Berstler, Carl E., assignor.)
Weingaertner, Ernst. (See Kiesskalt, S., Tampke, Winnacker and Weingaertner.)
Weingand, Richard, and E. Acker, Bomlitz, near Walsrode, Germany, assignors to Sylvania Industrial Corporation, Fredericksburg, Va. Producing cellulose esters. 2,159,643; May 23.
Weingand, Richard, and A. Muchlinski, Bomlitz, near Walsrode, Germany, assignors to Sylvania Industrial Corporation, Fredericksburg, Va. Tubing and producing the same. 2,172,426; Sept. 12.
Weinhart, John, Detroit, Mich. Adjustable holder and sign. 2,165,595; July 11.
Weinheimer, Claude M. (See Pittman, L. V., and Weinheimer.)
Weinheimer, Claude M., F. P. Weaver, and L. V. Pittman, Detroit, assignors, by mesne assignments, to Kuhlman Electric Company, Bay City, Mich. Variable rock furnace working. 2,147,070; Feb. 14.
Weinheimer, Claude M., and P. E. Cardell, Detroit, assignors, by mesne assignments, to Kuhlman Electric Company, Bay City, Mich. Electric furnace. 2,147,071; Feb. 14.
Weinig, Arthur J., Golden, assignor, by mesne assignments, to Morse Bros. Machinery Company, Denver, Colo. Liquid level regulation apparatus. 2,143,669; Jan. 10.
Weinig, Arthur J., Golden, assignor, by mesne assignments, to Morse Bros. Machinery Company, Denver, Colo. Flotation apparatus. 2,167,788; Aug. 1.
Weinland, Robert A., assignor of one-half to M. C. Scanland, Columbus, Ohio. Ornamental wall panel and securing the same. 2,145,469; Jan. 31.
Weinlich, Rudolph, Brooklyn, N. Y. Swatch. 2,179,767; Nov. 14.
Weinlich, Rudolph, Brooklyn, N. Y. Sample carrier. 2,179,768; Nov. 14.
Weinmann, Kurt. (See Müller, G., and Weinmann.)
Weinmayr, Viktor, Pitman, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparing polynuclear isocyclic fused ring compounds, e. g., perylene. 2,145,905; Feb. 7.
Weinreb, Louis, Chicago, Ill. Clamp for a lamp. 2,185,164; Dec. 26.
Weinstein, Herman. (See Stember, B., and Weinstein.)
Weinstein, Herman E., Saratoga Springs, N. Y., assignor to Simplex Baggers, Inc. Bagger. 2,150,753; Mar. 14.
Weinstein, Maurice H. (See Zapp, F. J., and Weinstein.)
Weinstein, Norman, Chicago, Ill., assignor to The Trane Company, La Crosse, Wis. Apparatus for air conditioning. 2,185,047; Dec. 26.
Weir, G. & J., Limited. (See Hillier, Harold, assignor.)
Weir, G. & J., Limited. (See Hillier, H., and Sim, assignors.)
Weir, James W., Los Angeles, Calif., assignor, by mesne assignments, to Edeleanu Gesellschaft, m. b. H., Berlin, Germany. Solvent treatment of oils. 2,154,189; Apr. 11.
Weir, James W., Los Angeles, Calif., assignor, by mesne assignments, to Edeleanu Gesellschaft, m. b. H., Berlin, Germany. Solvent refining and dewaxing of oils. 2,154,190; Apr. 11.
Weir, James W., Los Angeles, assignor of one-third to H. S. Montgomery, South Pasadena, Calif. Activating clays. 2,174,610; Oct. 3.
Weir, James W., Los Angeles, Calif., assignor to Edeleanu Gesellschaft, m. b. H., Berlin, Germany. Recovering pyridine in the solvent refining of oils. 2,178,506; Oct. 31.
Weir, James W., Los Angeles, Calif., assignor, by mesne assignments, to Edeleanu Gesellschaft, m. b. H., Berlin, Germany. Refining of hydrocarbon oil with mixed solvents. 2,179,909; Nov. 14.
Weir, Le Roy R. (See Royer, J. R., Blaine, and Weir.)
Weirich, William, Secane, Pa. Winding electric motor coils. 2,154,595; Apr. 18.
Weis, Adolf, Berlin-Charlottenburg, assignor to Siemens & Halske Aktiengesellschaft, Berlin-Siemensstadt, Germany. Variable inductance device. 2,144,353; Jan. 17.
Weis, Arthur R. (See Bigelow, G. E., and Weis.)
Weis, David A., and W. L. Woolf, New York, N. Y., assignors to Talking Advertising Corporation. Advertising device. 2,152,296; Mar. 28.
Weis, Henry, Manufacturing Company. (See Kerr, Paul W., assignor.)
Weis, John P., Nyack, assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Trimming mechanism. 2,147,725; Feb. 21.
Weis, John P., Nyack, assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Machine for forming seams. 2,157,368; May 9.
Weis, John P., Nyack, assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Sewing machine. 2,157,369; May 9.
Weis, John P., Nyack, assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Feeding mechanism for sewing machines. 2,157,370; May 9.
Weis, John P., Nyack, assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Lubricating system for sewing machines and parts thereof. 2,157,371; May 9.
Weis, John P., Nyack, assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Presser foot device. 2,157,372; May 9.
Weis, John P., Nyack, assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Thread handling device for sewing machines. 2,157,373; May 9.
Weis, John P., Nyack, assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Portable sewing apparatus. 2,168,276; Aug. 1.
Weis, John P., and F. F. Zeier, Nyack, assignors to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Sewing machine. 2,145,822; Jan. 31.
Weis, John P., and F. F. Zeier, Nyack, assignors to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Feeding mechanism for sewing machines. 2,145,823; Jan. 31.
Weis, John P., and F. F. Zeier, Nyack, assignors to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Sewing machine. 2,145,824; Jan. 31.
Weis, John P., and F. F. Zeier, Nyack, assignors to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Lubricating mechanism for sewing machines. 2,145,825; Jan. 31.
Weis, John P., and F. F. Zeier, Nyack, assignors to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Sewing machine. 2,145,826; Jan. 31.
Weis, John P., Nyack, N. Y., and F. F. Zeier, Bridgeport, Conn., assignors to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Sewing machine. 2,179,392; Nov. 7.

Weis, Sarabelle, Cincinnati, Ohio, and J. F. Bechtold, Fort Thomas, Ky. Manikin. 2,174,932; Oct. 3.
Weis, William. (See Penney, H. D., and Weis.)
Weisbecker, Frank G., Glenside, assignor to Arcadia Hosiery Co., Lansdale, Pa. Knitting machine. 2,142,959; Jan. 3.
Weisbecker, Frank G., Glenside, assignor to Hosiery Patents Incorporated, Lansdale, Pa. Knitting machine. 2,162,660; June 13.
Weisbecker, Frank G., Glenside, assignor to Arcadia Hosiery Co., Lansdale, Pa. Knitting machine. 2,180,571; Nov. 21.
Weisbender. Eugene R., Manhattan, Kans. Coverlet. 2,177,679; Oct. 31.
Weisberg, Mark, and L. Corman, Providence, R. I., assignors to Alrose Chemical Company. Method and composition for coating iron and steel articles. 2,148,331; Feb. 21.
Weisberger, David, Scranton, Pa. Renovator for neckties. 2,160,769; May 30.
Weisberger, Estelle. (See Lefkowitz, Charles M., assignor.)
Weise, George, New York, N. Y. Collapsible tow bar. 2,179,070; Nov. 7.
Weisel, Bert W. (See Taylor, E. D., Ward, and Weisel.)
Weisenburg, Andrew, assignor to Crown Can Company, Philadelphia, Pa. Container. 2,180,891; Nov. 21.
Weiser Manufacturing Company. (See Schindler, Bruno H., assignor.)
Weiser, Norman J., Buffalo, N. Y. Door closer and check. 2,159,067; May 23.
Weisfeld, Emanuel, New York, N. Y. Metal covered door. 2,165,430; July 11.
Weisgerber, Edwin C. R., assignor to Master Separator and Valve Company, Los Aangeles, Calif. Feed water heater and scrubber. 2,164,974; July 4.
Weisinger, Mortimer. (See Raizen, C. S., and Weisinger.)
Weiske, Guenther, Mission, Tex. Ashtray. 2,183,375; Dec. 12.
Weiskopf, Edwin C., assignor to H. Cohen, New York, N. Y. Automatic immersion apparatus. 2,157,875; May 9.
Weisman, Morris, Brooklyn, N. Y. Demand meter. 2,149,410; Mar. 7.
Weiss, Abraham, and J. J., New York, N. Y. Controlling the operation of motor vehicles or the like. 2,165,320; July 11.
Weiss, Abraham, New York, N. Y. Advertising match book. 2,184,629; Dec. 26.
Weiss, Adolf. (See Callsen. A.. and Weiss.)
Weiss, Adolph, Brooklyn, N. Y. Rotary intaglio printing. Re. 21,212; Sept. 19.
Weiss, Adolf, Marbach, Germany, assignor to Robert Bosch Gesellschaft mit beschränkter Haftung. Starting apparatus for internal combustion engines. 2,151,492; Mar. 21.
Weiss, Arthur J., Englewood, N. J., assignor to Robert Gair Company, Inc., New York, N. Y. Shipping display and dispensing container. 2,178,091; Oct. 31.
Weiss, Charles R., Indianapolis, Ind., assignor to Link-Belt Company. Making bushed chain links. 2,155,626; Apr. 25.
Weiss, Charles R., and R. W. Parker, Indianapolis, Ind. assignors to Link Belt Company. Belt conveyer and idler. 2,169,623; Aug. 15.
Weiss, Charles R., and R. W. Parker, Indianapolis, Ind., assignors to Link Belt Company. Belt conveyer idler. 2,169,624; Aug. 15.
Weiss, Charles R., and R. W. Parker, Indianapolis, Ind., assignors to Link-Belt Company. Belt conveyer idler. 2,169,625; Aug. 15.
Weiss, Ernst. (See Heberlein, G., and Weiss.)
Weiss, Erwin A., assignor to Packard Motor Car Company, Detroit, Mich. Tank. 2,180,185; Nov. 14.
Weiss, Felix, Plainfield, assignor to Cornell-Dubilier Electric Corporation, South Plainfield, N. J. Making electric condensers. 2,162,925; June 20.
Weiss, Felix, assignor to Cornell-Dubilier Corporation, New York, N. Y. Manufacturing electrical condensers. 2,166,852; July 18.
Weiss, Harold T., Los Angeles, Calif. Dispenser for vaporizable material. 2,180,752; Nov. 21.
Weiss, Harry, New York, N. Y. Cardiac recording apparatus. 2,168,890; Aug. 8.
Weiss, Henry G. (See Shard, E. A., and Weiss.)
Weiss, Howard F., Madison, Wis., assignor, by mesne assignments, to Burgess Battery Company, Chicago, Ill. Bound-absorbing construction. 2,147,276; Feb. 14.
Weiss, John M., New York, N. Y., assignor to Calorider Corporation, Greenwich, Conn. Catalyst and producing it. 2,154,079; Apr. 11.
Weiss, John M., New York, N. Y., assignor to Calorider Corporation, Old Greenwich, Conn. Preparation of catalysts. 2,162,276; June 13.
Weiss, Joseph. (See Weiss, Abraham, and J.)
Weiss, Ludwig, assignor to Deutsche Gold und Silber Scheide-Anstalt, vormals Roessler, Frankfort-on-the-Main, Germany. Opacifying agents for enamels and glazes. 2,163,334; June 20.
Weiss, Max M., and I. Benjamins, Brooklyn, N. Y. Automatic nose-dive rectifying device for airplanes. 2,167,256; July 25.
Weiss, Raymond, Cincinnati, Ohio. Bumper guard. 2,177,968; Oct. 31.
Weiss, Samuel, Brooklyn, N. Y. Tag and means thereon for attaching the same to garments. 2,158,345; May 16.
Weiss, Samuel, assignor to Vaughan Motor Co., Inc., Portland, Oreg. Industrial truck. 2,169,440; Aug. 15.
Weiss, Samuel, Brooklyn, N. Y. Tag and means thereon for attaching the same to garments. 2,169,600; Aug. 15.
Weiss, Samuel L., Brooklyn, N. Y. Faucet connection. 2,179,654; Nov. 14.
Weiss, Sidney, University City, Mo. Musical toy. 2,158,445; May 16.
Weissenberg, Karl, Berlin-Zehlendorf, and B. Rabinowitsch, Berlin, Germany; said Rabinowitsch assignor to said Weissenberg. Producing artificial threads. 2,142,389; Jan. 3.
Weissenborn, Adolf, Hamburg, assignor to the firm Fabrik Chemischer Praeparate Von Dr. Richard Sthamer, Hamburg-Billbrook, Germany. Producing air foam. 2,151,398; Mar. 21.
Weissenborn, Albert, Dessau-in-Anhalt, Germany, assignor to Winthrop Chemical Company, Inc., New York, N. Y. Perfume. 2,169,984; Aug. 15.
Weisser, Karl, Union City, assignor to David Kahn, Inc., North Bergen, N. J. Writing instrument clip. 2,153,488; Apr. 4.
Weissert, Gerald E., assignor to Sewall Paint & Varnish Company, Kansas City, Mo. Lacquer dispensing valve. 2,154,549; Apr. 18.
Weissmann, Henry, Staten Island, N. Y. Propeller. 2,153,055; Apr. 4.
Weist, Glenn E., assignor to The Kron Company, Bridgeport, Conn. Accumulative measuring and recording of weight. 2,173,746; Sept. 19.
Weisz, George R., Chicago, Ill. Inkwell bottle. Re. 21,134; June 27.
Weisz, Rezsö, Budapest, assignor to the firm Chinoin Gyogyszer Es Vegyészeti Termékek Gyara R. T. (Dr. Kereszty & Dr. Wolf), Ujpest, Hungary. Preparation of derivatives of estradiol. 2,167,132; July 25.
Weith, George S., Caldwell, N. J., assignor to Bakelite Corporation, New York, N. Y. Denture. 2,162,204; June 13.
Weitsman, James M., Brooklyn, N. Y. Educational and identification chart. 2,155,851; Apr. 25.
Welbilt Stove Company. (See Haley, James R., assignor.)
Welch, Alfred F., Fort Wayne, Ind., assignor to General Electric Company. Phonograph motor control. 2,145,743; Jan. 31.
Welch, Alfred F., Fort Wayne, Ind., assignor to General Electrical Company. Centrifugal switch. 2,149,108; Feb. 28.
Welch, Arthur R., Hoquiam, Wash. Making panels. 2,183,599; Dec. 19.
Welch, Clyde I., Pasadena, Calif. Saw. 2,173,348; Sept. 19.
Welch, Edward L., Norwood, Mass. Vehicle banking mechanism. 2,152,938; Apr. 4.
Welch, Elizabeth R. (See Welsh, Alonzo P., assignor.)
Welch, Elmer B., assignor to Firth-Sterling Steel Company, McKeesport, Pa. Producing articles of Hadfield manganese steel. 2,152,006; Mar. 28.
Welch, Elmer B., McKeesport, and L. G. Firth, Pittsburgh, Pa., assignors to Firth-Sterling Steel Company. High-speed tool steel. 2,185,006; Dec. 26.
Welch, John T. (See Stanley, Charles J., assignor.)
Welch, Joseph C., and M. P. Wilder, Houston, Tex. Bolted connection. 2,159,346; May 23.
Welch, Kenneth C., assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Lighting for alcoves. 2,147,326; Feb. 14.
Welch, Kenneth C., assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Lighting fixture. 2,149,109; Feb. 28.
Welch, Ralph L., Howard Township, Charles Mix County, and R. A. Cotton, Wagner, S. Dak. Battery terminal. 2,172,884; Sept. 12.
Welch, Ray C., Chicago, Ill. Garment fitting device. 2,150,305; Mar. 14.
Welch, Ruth M., Dalhart, Tex. Adhesive tape spool holder and cutter. 2,144,999; Jan. 24.
Welch, Vern O., Milltown, Wis. Outlet box anchoring device. 2,155,627; Apr. 25.
Welcome, Arthur W., Los Angeles, assignor to Welcome Meter Company, Pasadena, Calif. Coin controlled time switch. 2,144,172; Jan. 17.
Welcome Meter Company. (See Welcome, Arthur W., assignor.)
Weld, Foster E. (See Bridges, F. R., and Weld.)
Weld, Foster E., Newton, assignor to The Gamewell Company, Newton Upper Falls, Mass. Timing mechanism. 2,159,920; May 23.
Weld, Foster E., Newton Highlands, and H. S. Smith, Needham, assignors to The Gamewell Company, Newton Upper Falls, Mass. Warning signal and mechanism therefor. 2,167,964; Aug. 1.
Welden, William A., Stamford, Conn., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Ashtray and the like. 2,147,586; Feb. 14.
Welding Service, Inc. (See Frickey, Royal E., assignor.)
Welhaven, John E., assignor to Advance Polishing Wheels, Inc., Chicago, Ill. Buffing wheel. 2,174,149; Sept. 26.
Welin, Boyd P., assignor to Welin-Sater Company, Pasadena, Calif. Medicinal preparation and making the same. 2,146,867; Feb. 14.

Welin-Sater Company. (See Welin, Boyd P., assignor.)
Welk, Nelson S., Athens, Ohio, and F. Hocker, Harrisburg, Pa., assignors to The McBee Company, Athens, Ohio. Support for loose leaf binders. 2,159,921; May 23.
Welke, Ferdinand G., assignor to Shell Development Company, San Francisco, Calif. Hoist. 2,157,734; May 9.
Welker, William, Oberfrohna, Germany. Flat knitting frame. 2,144,986; Mar. 7.
Wellbaum, Herman, deceased, by I. Wellbaum, administratrix, Lynwood, Calif. Bread slicing machine. 2,144,302; Jan. 17.
Wellbaum, Irene, administratrix. (See Wellbaum, Herman.)
Welle, Otto, Berlin-Lichtenberg, Germany, assignor to General Electric Company. Time relay. 2,146,608; Feb. 7.
Weller, Burt I., Highland, Ind. Conveyer bucket for elevators and the like. 2,169,750; Aug. 15.
Weller, Charles A. (See Geyer, W. O., and Weller.)
Weller, Frank E., Bloomfield, N. J., assignor to Trans-Lux Corporation. Web controlling mechanism for projectors. 2,174,339; Sept. 26.
Weller, Frank F., assignor of one-half to J. O. Modisette, Jennings, La. Automobile jack. 2,160,770; May 30.
Weller, Harvey C., assignor to Surface Combustion Corporation, Toledo, Ohio. Furnace. 2,162,041; June 13.
Weller, Wallace E. (See Wood, L. A., and Weller.)
Welles, George D., and F. Riebel, Jr., assignors to Air-Way Electric Appliance Corporation, Toledo, Ohio. Vacuum cleaner. 2,177,969; Oct. 31.
Wellesley Holdings Limited. (See Townsend, Charles S., assignor.)
Wellington Machine Company. (See Gannett, Chauncey W., assignor.)
Wellman, Charles P., North Haven, Conn. Paperboard carton. 2,165,083; July 4.
Wellman, Howard C., assignor to Eastman Kodak Company, Rochester, N. Y. Still mechanism for motion picture projectors. 2,165,431; July 11.
Wellman, Howard C., assignor to Eastman Kodak Company, Rochester, N. Y. Safety shutter for motion picture projectors. 2,166,696; July 18.
Wellman, Howard C., assignor to Eastman Kodak Company, Rochester, N. Y. Safety shutter for motion picture projectors. 2,176,515; Oct. 17.
Wellman, Howard C., assignor to Eastman Kodak Company, Rochester, N. Y. Motion picture apparatus. 2,183,521; Dec. 19.
Wellman, S. K., Company, The. (See Wellman, Samuel K., assignor.)
Wellman, Samuel K., Cleveland Heights, Ohio. Shock absorber. 2,149,374; Mar. 7.
Wellman, Samuel K., Cleveland Heights, assignor to The S. K. Wellman Company, Cleveland, Ohio. Composite machine element and making same. 2,178,527; Oct. 31.
Wellman, Victor E., Silver Lake, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Producing butadiene. 2,174,280; Sept. 26.
Wellmann, Kurt. (See Schwartz, E., and Wellmann.)
Wellner, Frank G., Chicago, Ill., assignor to Autographic Register Company, Hoboken, N. J. Manifolding. 2,148,387; Feb. 21.
Wellnitz, Bernard, Alton, Ill., assignor to Owens-Illinois Glass Company. Lubricating device for cut-off knives. 2,153,443; Apr. 4.
Wells, Burling D., assignor to The Mallory Hat Company, Danbury, Conn. Hat brim pouncing machine. 2,178,154; Oct. 31.
Wells, C. G., et al. (See Walker, Jay P., assignor.)
Wells, Edward C. (See Munshall, R. J., and Wells.)
Wells, Edward C., assignor to Boeing Aircraft Company, Seattle, Wash. Aircraft power plant installation. 2,153,603; Apr. 11.
Wells, Edward H., Jr., assignor to Johns-Manville Corporation, New York, N. Y. Trussed plate structure. 2,157,374; May 9.
Wells, Elmer J., Alhambra, Calif. Machine tool. 2,155,573; Apr. 25.
Wells-Gardner & Company. (See Clark, Jesse H., assignor.)
Wells-Gardner & Company. (See Johnson, John K., assignor.)
Wells, George C., Lynwood, assignor to Wells Oil Tool Co., Los Angeles, Calif. Pump piston. 2,163,162; June 20.
Wells, Gilbert A., New London, Wis. Variable-speed pulley for V-belt drives. 2,168,835; Aug. 8.
Wells, James G., assignor to J. H. Keeney & Co., Inc., Chicago, Ill. Game apparatus. 2,181,388; Nov. 28.
Wells Lamont Smith Corp. (See Wells, W. O., and Waite, assignors.)
Wells, Leland E. (See Reinhardt, W. L., and Wells.)
Wells Manufacturing Company. (See Wells, Raymond L., assignor.)
Wells, Milton H., Scarsdale, N. Y. Lock latch. 2,181,289; Nov. 28.
Wells, Norman, Ardeevin, Epsom Downs, England, assignor to Radio Corporation of America. Wireless aerial. 2,156,661; May 2.
Wells Oil Tool Co. (See Wells, George C., assignor.)
Wells, Raymond. (See Stevenson, M. S., and Wells.)
Wells, Raymond L., assignor to Wells Manufacturing Company, Attleboro, Mass. Safety catch. 2,142,877; Jan. 3.
Wells, Robert F., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,159,922; May 23.
Wells, Robert F., assignor to General Railway Signal Company, Rochester, N. Y. Centralized traffic controlling system for railroads. 2,166,189; July 18.
Wells, Ruth T., Excelsior, assignor to Tux Incorporated, Minneapolis, Minn. Vaginal tampon. 2,176,114; Oct. 17.
Wells, Sidney D., Combined Locks, assignor of one-half to G. D. Muggleton, Appleton, Wis. Fibrous material. 2,181,556; Nov. 28.
Wells, Walter T., Glendale, assignor, by mesne assignments, to Lane-Wells Company, Los Angeles, Calif. Strand-carried multiple conductor wire rope. 2,167,098; July 25.
Wells, Wesley B., Wilkinsburg, and W. K. Lockhart, Penn Township, Allegheny County, assignors to The Union Switch & Signal Company, Swissvale, Pa. Light signal. 2,172,724; Sept. 12.
Wells, William A. H., Providence, R. I. Swivel. 2,163,420; June 20.
Wells, William A. H., Edgewood, R. I. Umbrella holder. 2,176,779; Oct. 17.
Wells, William F., Minneapolis, Minn. Pencil sharpener. 2,169,908; Aug. 15.
Wells, William O., Evanston, Ill., and C. K. Waite, Louisiana, Mo., assignors to Wells Lamont Smith Corp., Chicago, Ill. Fabric dress glove. 2,167,226; July 25.
Welsbach Company. (See Wegener, Francis A., assignor.)
Welsbach Street Lighting Company of America. (See Miller, R., and Werring, assignors.)
Welsbacher, Harry G., Canton, Ohio. Combination table. 2,184,206; Dec. 19.
Welsby, Henry V. C. (See Masters, Arthur P., assignor.)
Welser, Brinton, assignor to Chain Belt Company, Wilwaukee, Wis. High speed chain and sprocket transmission. 2,162,042; June 13.
Welser, Brinton, and M. G. Jewett, assignors to Chain Belt Company, Milwaukee, Wis. Sprocket chain lubrication. 2,168,277; Aug. 1.
Welsh, Alonzo P., Tyler, Tex., assignor of one-third to E. R. Welch, Springfield, Ohio. Hydro-safety craft. 2,154,191; Apr. 11.
Welsh, George I., assignor to W. A. Shippert, Dixon, Ill. Belt connector. 2,165,020; July 4.
Welsh, James W., Providence, R. I., assignor to Welsh Manufacturing Company. Writing instrument. 2,146,609; Feb. 7.
Welsh, James W., Providence, R. I., assignor to Welsh Manufacturing Company. Goggles. 2,150,791; Mar. 14.
Welsh Manufacturing Company. (See Lindblom, Frank W., assignor.)
Welsh Manufacturing Company. (See Welsh, James W., assignor.)
Welsh, Martin J. (See Johnson, Alpheus D., assignor.)
Welsh, Robert D., Los Angeles, Calif. Filtering funnel. 2,166,980; July 25.
Welsh, Ulysses S. G., New York, N. Y. Dishwashing machine. 2,167,540; July 25.
Welsh, William H., Detroit, Mich. Edging plow. 2,175,984; Oct. 10.
Welsmiller, Frederick A., and J. H. Hoern, Saginaw, Mich., assignors, by mesne assignments, to Eaton Manufacturing Company, Cleveland, Ohio. Valve tappet and making same. 2,143,176; Jan. 10.
Welsmiller, Frederick A., and A. Schneider, Saginaw, Mich., assignors to Eaton Manufacturing Company, Cleveland, Ohio. Making flexible valve seats. 2,174,337; Sept. 26.
Welt, David, Bronx, N. Y. Shielded roll stippler. 2,160,570; May 30.
Welter, Herman C., assignor to The Dawn Mfg. Corp., Rochester, N. Y. Copy holder. 2,171,261; Aug. 29.
Welter, Herman C., Rochester, N. Y., assignor to Hall-Welter Co., Incorporated. Check writing machine. 2,180,446; Nov. 21.
Welti, Karl, Glasgow, Scotland. Method of and apparatus for production of raised patterns on fabrics. 2,167,819; Aug. 1.
Weltmer, Tracy C., assignor, by mesne assignments, to Interstate Bakeries Corporation, Kansas City, Mo. Cake package or the like. 2,156,556; May 2.
Weltmer, Tracy C., assignor, by mesne assignments, to Interstate Bakeries Corporation, Kansas City, Mo. Packaging. 2,160,183; May 30.
Welty, Frank, Youngstown, Ohio. Heat exchanger. 2,157,744; May 9.
Welwood, Joseph S., Bronxville, assignor to International Nickel Company, Inc., New York, N. Y. Radio tube. 2,156,324; May 2.
Wemp, Ernest E., Detroit, Mich. Clutch. Re. 20,989; Jan. 24.
Wemp, Ernest E., Detroit, Mich. Clutch. 2,145,381; Jan. 31.
Wemp, Ernest E., Detroit, Mich. Clutch control apparatus. 2,170,171; Aug. 22.
Wemp, Ernest E., Detroit, Mich. Clutch control. 2,170,172; Aug. 22.
Wemp, Ernest E., Detroit, Mich. Hub construction for clutch members or the like. 2,176,696; Oct. 17.

Wempe, Bernhard, Berlin-Charlottenburg, Germany. Producing perforated metal sheets. 2,169,937; Aug. 15.
Wenczler, Lajos, Augsburg, Germany, assignor to Uhertype Aktiengesellschaft of Kubli House, Glarus, Kanton Glarus, Switzerland. Photographic type-composing machine. 2,158,039; May 9.
Wende, Charles W. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Composition of matter and manufacture of the same. 2,184,538; Dec. 26.
Wendeborn, Helmut, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Production of sintered products. 2,152,718; Apr. 4.
Wendeborn, Helmut, Frankfort-on-the-Main, Germany, assignor to American Lurgi Corporation, New York, N. Y. Production of a sintered product. 2,165,084; July 4.
Wendel, Frans B., Long Island City, N. Y. Producing knobs or the like. 2,157,044; May 2.
Wendel, Frans B., Waterbury, Conn. Pipe fitting and producing the same. 2,183,271; Dec. 12.
Wendel, Frans B., Waterbury, Conn. Die assembly for forming hollow metal articles. 2,183,702; Dec. 19.
Wendel, Peter F., Irvington, N. J. Detection device. 2,161,327; June 6.
Wendell, Elmer R., assignor of one-half to J. Juul, Minneapolis, Minn. Collapsible support for garment hangers. 2,142,830; Jan. 3.
Wendell, Evert J., Wayne, assignor to The Hale Fire Pump Co., Inc., Conshohocken, Pa. Hose bridge device. 2,166,031; July 11.
Wender, Eugene J., assignor to British Ozaphane Limited, London, England. Sound film recording system. 2,147,623; Feb. 14.
Wendes, John C. H., Naugatuck, Conn., assignor, by mesne assignments, to United States Rubber Company, Inc., New York, N. Y. Vibration dampening device. 2,171,774; Sept. 5.
Wendlandt, Rudolf, Piesteritz, near Halle-on-the-Saale, assignor to Bayerische Stickstoff-Werke Aktien Gesellschaft, Berlin, Germany. Producing highly concentrated nitric acid. 2,169,826; Aug. 15.
Wendlik, Hubert, Prague, Czechoslovakia, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electric discharge tube. 2,157,722; May 9.
Wendt, Bruno. (See Eggert, J., Froehlich, and Wendt.)
Wendt, Bruno. (See Eggert, J., and Wendt.)
Wendt, Bruno. (See Jakob, L., and Wendt.)
Wendt, Bruno. (See Wilmanns, G., Schneider, and Wendt.)
Wendt, Bruno, Dessau, Germany, assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Photographic material for color photography. 2,168,182; Aug. 1.
Wendt, Gerald L., New York, and D. Fronmuller, Middle Village, Long Island, assignors to Coffee Products Corporation, New York, N. Y. Soluble coffee product and preparing same. 2,149,876; Mar. 7.
Wendt, Gerald L., New York, and D. Fronmuller, Middle Village, Long Island, assignors to Coffee Products Corporation, New York, N. Y. Treatment of vapors from coffee roasting. 2,156,212; Apr. 25.
Wendt, Henry T., Hannibal, Mo. Honing device. 2,172,720; Sept. 12.
Wendt, Karl R., Audubon, N. J., assignor to Radio Corporation of America. Electrical regulating system. 2,171,614; Sept. 5.
Wenett, Philip, New York, N. Y. Lady's garment construction. 2,172,965; Sept. 12.
Wengel, Raymond W., Rochester, N. Y., and H. G. Taylor, Wellesley, Mass. Friction clutch. 2,151,724; Mar. 28.
Wengel, Raymond W., assignor to Eastman Kodak Company, Rochester, N. Y. Motion picture apparatus. 2,169,011; Aug. 8.
Wengen, Frank J., assignor to Eagle Knitting Mills, Inc., Milwaukee, Wis. Cap. 2,159,609; May 23.
Wenger, Floyd E., assignor to R. E. Triplett, Bluffton, Ohio. Vacuum tube voltmeter circuit. 2,143,219; Jan. 10.
Wenger, Floyd E., assignor to R. L. Triplett, Bluffton, Ohio. Electrical measuring instrument. 2,157,973; May 9.
Wenn, Floyd D., Binghamton, assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Safety emergency brake lever. 2,158,263; May 16.
Wenn, Floyd D., Binghamton, assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Automotive brake lever. 2,162,684; June 13.
Wenger, Floyd E., assignor to R. L. Triplett, Bluffton, Ohio. Tube tester. 2,172,897; Sept. 12.
Wenger, Gottlieb F., Milwaukee, Wis. Cheese turning apparatus. 2,179,910; Nov. 14.
Weniger, Richard, Brooklyn, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Liquid level. 2,144,696; Jan. 24.
Wenk, Henry L. C., Jr., Jamaica, N. Y. Bag seal cord backing and cutting guide. 2,181,353; Nov. 28.
Wenk, Henry L. C., Jr., Jamaica, N. Y. Tagging seal. 2,183,799; Dec. 19.
Wenker, Henry, Elizabeth, N. J. Sunshade attachment for deck chairs and the like. 2,166,832; July 18.
Wenker, Henry, Elizabeth, N. J. Jumper. 2,172,000; Sept. 5.
Wenn, Floyd D., Binghamton, assignor to The Brewer-Titchener Corporation, Cortland, N. Y. Frictional brake lever. 2,170,511; Aug. 22.
Wenner, Wilhelm, Basel, Switzerland, assignor to Hoffmann-La Roche Inc., Nutley, N. J. Manufacture of laevo-ascorbic acid. 2,159,191; May 23.
Wennerstrom, Einar, East Rochester, N. Y. Snow glider or ski. 2,168,144; Aug. 1.
Wennmann, William, New York, N. Y. Door closer. 2,166,651; July 18.
Wennmann, William, Brooklyn, N. Y. Safety razor. 2,169,574; Aug. 15.
Wenschow, Karl, Munich, Germany. Production of plane photographs having plastic or relief effects. 2,151,817; Mar. 28.
Wensley, Earl, Chicago, Ill., assignor to Western Electric Company, Incorporated, New York, N. Y. Method of and apparatus for forming articles. 2,146,868; Feb. 14.
Wensley, Earl, and J. S. Stull, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Apparatus for assembling parts. 2,169,063; Aug. 8.
Wensley, Roy J., Moylan, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Resonant control relay. 2,144,472; Jan. 17.
Wente, Edward C., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Acoustic damping material. 2,153,357; Apr. 4.
Wentworth, Herbert B., Erie, Mich. Dehydrating apparatus. 2,152,939; Apr. 4.
Wentworth, John. (See Young, Hugh E., assignor.)
Wentworth, Rollins. (See Dirkes, R. F., and Wentworth.)
Wentworth, Theodore O., Cincinnati, Ohio. Distillation process. 2,152,164; Mar. 28.
Wentz, Earle J., Schoolfield, Va. Loom shuttle feeler. 2,148,597; Feb. 28.
Wentz, Edward C., Sharpsville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Transformer. 2,162,496; June 13.
Wentz, Edward C., Sharpsville, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Electrical apparatus. 2,175,934; Oct. 10.
Wentz, Howard B. (See Steed, B. C., and Wentz.)
Wentz, Jesse F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Sectionalizing coaxial cables. 2,179,971; Nov. 14.
Wentz, Mark, Big Springs, Tex., assignor of twenty-four and one-half percent to himself, twenty-four and one-half percent to S. B. Stone, twenty-five and one-half percent to J. H. Greene, and twenty-five and one-half percent to R. F. Schermerhorn. Air cooler and heater. 2,157,974; May 9.
Wentz, Oscar W., Long Island City, N. Y. Container construction. 2,158,097; May 16.
Wentz, William M. (See Stallmann, O., and Wentz.)
Wenzel, Edwin H., Fox Point, Wis. Wall insulation. 2,179,678; Nov. 14.
Wenzel, Fred A., assignor to Hummel & Downing Co., Milwaukee, Wis. Collapsible carton. 2,143,588; Jan. 10.
Wenzel, Wilhelm. (See Baehr, H., Wenzel, and Mengdehl.)
Wenzel, Wilhelm. (See Ulrich, H., Baehr, and Wenzel.)
Wenzel, Wilhelm. (See Ulrich, H., Fick, Baehr, and Wenzel.)
Wentzell, Arthur F., Melrose, assignor to A. W. Chesterton Co., Inc., Boston, Mass. Making mechanical packing. 2,174,431; Sept. 26.
Wepplo, Henry J., Minneapolis, Minn. Centering gauge. 2,153,444; Apr. 4.
Werber, Fred C., Philadelphia, Pa. Making combination yarn. 2,183,703; Dec. 19.
Werder, John F., Lakewood, assignor of one-half to E. Rogers, South Euclid, Ohio. Internal combustion engine. 2,143,503; Jan. 10.
Werder, John F., Lakewood, Ohio. Oil filter. 2,165,826; July 11.
Werdin, Ernest R., Los Angeles, Calif. Garbage can liner. 2,159,192; May 23.
Werfelman, George H. (See Quick, Roy T., assignor.)
Werft, Ellis L., Allentown, Pa. Composition adapted to liberate free iodine. 2,158,446; May 16.
Werk, M., Company, The. (See Eisenlohr, Gustav W., assignor.)
Werkspoor N. V. (See Bonath, Richard, assignor.)
Werme, Adolph, assignor to Reed & Prince Manufacturing Company, Worcester, Mass. Clinch-on nut. 2,176,846; Oct. 17.
Werme, William P. (See Fauss, Daniel L., assignor.)
Wermeille, Henri, Arth-on-the-See, assignor to Landis & Gyr, A.-G., Zug, Switzerland. Motor operated switch. 2,149,036; Feb. 28.
Wermich, Mary E., administratrix. (See Wermich, Otto M.)
Wermich, Otto M., deceased, Des Plaines, Ill.; M. E. Wermich, administratrix. Windshield defroster and body ventilator. 2,173,893; Sept. 26.
Wermine, Hugo H., Villa Park, assignor to Belden Manufacturing Company, Chicago, Ill. Method and apparatus for making divisible electrical conductors. 2,149,002; Feb. 28.
Wermine, Hugo H., Villa Park, assignor to Belden Manufacturing Company, Chicago, Ill. Divisible electric conductor. 2,176,233; Oct. 17.

Werneman, Helge H. E., Stockholm, Sweden. Apparatus for dispensing of liquids. 2,150,198; Mar. 14.
Werner, Calvin J., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Thermal circuit breaker. 2,176,191; Oct. 17.
Werner, Calvin J., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Motor control system. 2,182,976; Dec. 12.
Werner, Calvin J., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Centrifugal switch. 2,182,977; Dec. 12.
Werner, Edward H., assignor to The Lamson & Sessions Company, Cleveland, Ohio. Seat post. 2,174,340; Sept. 26.
Werner, Edwin. (See Reis, Leonard W., assignor.)
Werner, Felix, Leipzig, assignor to the firm Körting & Mathiesen Aktiengesellschaft, Leipzig-Leutzsch, Germany. Arc lamp comprising a rotating electrode. 2,146,242; Feb. 7.
Werner, Frank C., Grand Rapids, Mich. Baking oven. 2,161,211; June 6.
Werner, Frank C., Grand Rapids, Mich. Cookie machine mechanism. 2,162,145; June 13.
Werner, Frank C., Grand Rapids, Mich. Cooky roller construction. 2,172,148; Sept. 5.
Werner, Frank J., Porter County, Ind., assignor to Inland Steel Company, Chicago, Ill. Hardening the ends of railway rails. 2,169,776; Aug. 15.
Werner, Georg. (See Schmidt, M. P., Süs, and Werner.)
Werner, Georg. (See Schmidt, M. P., and Werner.)
Werner, Guenther, Peking, China, assignor to Gerhard Von Hessert, New York, N. Y. Film clip. 2,174,049; Sept. 26.
Werner, Guenther, Peking, China, assignor to G. Von Hessert, New York, N. Y. Container for phonograph records. 2,182,460; Dec. 5.
Werner, Helmut. (See Wechsberg, O., and Werner.)
Werner, Henry E., Houston, assignor to H-T Band Socket Corporation, Galveston, Tex. Machine for forming buckles on bale ties. 2,154,794; Apr. 18.
Werner, Ignacy, Buffalo, N. Y. Die holder for nail making dies. 2,178,711; Nov. 7.
Werner, Jules, Brooklyn, N. Y. Foundation garment. 2,144,092; Jan. 17.
Werner, Karl, Neu Isenburg, Frankfort-on-the-Main, Germany, assignor to Deutsche Gold und Silber-Scheideanstalt vormals Roessler. Recovery of glycerin. 2,153,704; Apr. 11.
Werner, Leo J., Arlington, N. J. Electrical junction device. 2,178,092; Oct. 31.
Werner, Otto. (See Schmutz, O., and Werner.)
Werner, Otto, College Point, and J. Helenek, Flushing, assignors of one-third to said Werner, one-third to said Helenek, and one-third to J. J. Makofske, Hempstead, N. Y. Trench digger. 2,169,716; Aug. 15.
Werner, Ralph M., Brooklyn, N. Y. Side wall construction for vehicle bodies. 2,171,381; Aug. 29.
Werner, Richard W. (See Meyer, Eugene C., assignor.)
Werner, Robert. (See Keunecke, E., and Werner.)
Werner, Robert. (See Mueller-Cunradi, M. Otto, Daniel, and Werner.)
Werner, Stanton E., Highland Park, and C. F. Mathisen, Milltown, N. J., assignors to E. R. Squibb & Sons, New York, N. Y. Assembly. 2,183,600; Dec. 19.
Werner, Wilbur S., Fort Mitchell, assignor to The Kelley Koett Manufacturing Company, Inc., Covington, Ky. Continuous duty X-ray unit. 2,170,933; Aug. 29.
Werner, William. (See Kelly, John D., assignor.)
Werner, Wilhelm. (See Wolff, P., and Werner.)
Wernert, Ignatius J. (See Koethen, F. L., and Wernert.)
Wernet, Richard D. (See Lippert, Victor A., assignor.)
Wernicke, Erich A., Hamburg, Germany, assignor to The Ichthyol Co., Rahway, N. J. Sulphonated mineral oils rich in sulphur content. 2,172,149; Sept. 5.
Wernlund, Christian J. See Barrett, H. J., and Wernlund.)
Wernlund, Christian J., Niagara Falls, N. Y., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Brass plating. 2,181,773; Nov. 28.
Werntz, James H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Secondary alkyl monosulphonates. 2,142,162; Jan. 3.
Werntz, James H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Lubricant. 2,158,096; May 16.
Werntz, James H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Manufacture of normal, secondary pentadecyl sulphates. 2,163,651; June 27.
Werntz, James H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. High molecular weight tetravalent sulphur compounds and their production. 2,178,353; Oct. 31.
Werntz, James H., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Maltosamine and preparing it. 2,181,929; Dec. 5.
Werring, Francis W. (See Miller, R., and Werring.)
Werring, Walter W. (See Evans, W. A., and Werring.)
Wert, Edwin A., Detroit, Mich., assignor to Blaw-Knox Company. Hanger. 2,159,870; May 23.
Wert, Roswell F. (See Sauser, J. A., and Wert.)
Werth, Karl. (See Graf, Leo, assignor.)
Wertheim, Adolph, Brooklyn, assignor to I. Miller & Sons, Inc., Long Island City, N. Y. Ornamental sheet material. 2,168,252; Aug. 1.
Wertheimer, Amy, New York, N. Y. Food preparation and making the same. 2,157,839; May 9.
Wertheimer, Leo, assignor to Amcoin Corporation, Buffalo, N. Y. Beverage dispenser. 2,173,007; Sept. 12.
Wertheimer, Leo, assignor to Amcoin Corporation, Buffalo, N. Y. Coffee urn. 2,175,332; Oct. 10.
Wertheimer, Milton, Baltimore, Md. Cigar and mouthpiece therefor. 2,169,310; Aug. 15.
Wertman, Millard W., assignor to Utilities Service Company, Allentown, Pa. Insulator clevis. 2,154,881; Apr. 18.
Wertman, Millard W., assignor to Utilities Service Company, Allentown, Pa. Highway guardrail. 2,172,919; Sept. 12.
Wertman, Millard W., assignor to Utilities Service Company, Allentown, Pa. Insulator clevis. 2,177,816; Oct. 31.
Werts, Richard A., Long Beach, Calif., assignor of one-third to E. B. Hall and one-third to V. P. Baker. Gas anchor. 2,170,881; Aug. 29.
Wertz, Daniel L. (See McGrath, W. L., Ferguson, Whitney, and Wertz.)
Wertz, Glenn E., Rockford, Ill. Mounting for doorknobs or handles. 2,156,486; May 2.
Wertz, Roy O., Cleveland Heights, assignor to The Ohio Electric Mfg. Co., Cleveland, Ohio. Magnet control. 2,181,539; Nov. 28.
Wertz, William R., Glendale, Calif. Device for disseminating by steam aqueous solutions, emulsions, and mixtures. 2,165,321; July 11.
Wertzheiser, Joseph, Newark, assignor to Hatfield Wire & Cable Co., Hillside, N. J. Electrical terminal plug. 2,145,700; Jan. 31.
Wertzheiser, Joseph, assignor of eighty-five per cent to L. A. Bauman, Brooklyn, N. Y. Toaster. 2,160,771; May 30.
Wertzheiser, Joseph, New York, assignor to Leviton Manufacturing Company, Brooklyn, N. Y. Lamp connector. 2,163,902; June 27.
Wertzheiser, Joseph, Newark, assignor to Hatfield Wire & Cable Co., Hillside, N. J. Mechanism for and process of assembly of a flexible plug cap with its terminals and electrical conductors. 2,169,777; Aug. 15.
Wertzheiser, Joseph, New York, assignor to Leviton Manufacturing Company, Brooklyn, N. Y. Circuit connection structure. 2,175,098; Oct. 3.
Wertzheiser, Joseph, New York, assignor to Leviton Manufacturing Company, Brooklyn, N. Y. Lamp structure. 2,181,646; Nov. 28.
Wertzheiser, Joseph, Newark, N. J., and H. Charmcy, Long Island City, N. Y., assignors to Hillside Cable Co., Hillside, N. J. Armored electrical cable. 2,164,168; June 27.
Wesche, Bjarne A., assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Power grinder. 2,158,556; May 16.
Wescott, James G. (See Anderson, A. J., and Wescott.)
Weskenson Corporation. (See Johnson, William H., assignor.)
Wesley, Andrew. (See Huston, F. P., and Wesley.)
Wesley, Arthur, assignor to Burton-Dixie Corporation, Chicago, Ill. Studio couch. 2,162,146; June 13.
Wessborg, Eric S., and W. J. Morrison, Saginaw, Mich., assignors to The State of Michigan as represented by the Attorney General. Loom. 2,167,193; July 25.
Wesseler, Julian A., Crestwood, N. Y., assignor to Commercial Solvents Corporation, Terre Haute, Ind. Thermohydrometer. 2,157,063; May 2.
Wesseler, William J. (See Snyder, Aulden D., assignor.)
Wesseler, William J., East Cleveland, Ohio. Knitting apparatus. 2,148,517; Feb. 28.
Wesselman, Albert, Cincinnati, Ohio. Bottle carrier. 2,171,615; Sept. 5.
Wessels, Herman. (See Tischner, H., Flurl, and Wessels.)
Wessig, August, Chicago, Ill. Indicator for vehicles. 2,145,502; Jan. 31.
Wessman, Arnt W., Moline, Ill., assignor to International Harvester Company. Feeder for threshers. 2,143,749; Jan. 10.
Wessman, Edwin G., Easton, Pa., assignor by mesne assignments, to Dixie-Vortex Company, Chicago, Ill. Dispenser. 2,150,306; Mar. 14.
Wessman, Edwin G., Easton, Pa., and H. A. Stone, Mays Landing, N. J., assignors by mesne assignments, to Dixie-Vortex Company, Chicago, Ill. Paper-cup-making machine. Re. 21,072; May 2.
Wesson, Alexander J., assignor. (See Ellis, G. H., and Wesson, assignors.)
Wesson, Douglas B., Longmeadow, assignor to Smith & Wesson, Inc., Springfield, Mass. Hammer for firearms. 2,176,478; Oct. 17.
Wesson, George W., Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Roller presser backstop device for sewing machines. 2,156,045; Apr. 25.
Wesson, Harold, assignor to Smith and Wesson, Inc., Springfield, Mass. Flush valve. 2,164,760; July 4.
Wesson Laurence G., Boston, Mass., assignor to V. Leonard, Baltimore, Md. Picryl fluoride and making the same. 2,179,605; Nov. 14.
West, Ben J., Puyallup, Wash. Windshield cleaning device. 2,162,985; June 20.
West, Charles, London, England. Device for feeding hairs and like short-length materials from a loose mass thereof. 2,144,003; Jan. 17.

West, Charles D., Tampa, Fla. Speedometer cable lubrication tool. 2,178,058; Oct. 31.
West, Charles W., Burlingame, Calif. Die and tap wrench. 2,159,680; May 23.
West, Claude A., assignor to Gairing Tool Company, Detroit, Mich. Cutting tool assembly. 2,169,482; Aug. 15.
West, Claude J., assignor, by mesne assignments, to T. Halkias, Philadelphia, Pa. Laundering apparatus. 2,156,712; May 2.
West, Claude J., Philadelphia, Pa., assignor, by mesne assignments, to T. Halkias. Laundry ironer. 2,169,672; Aug. 15.
West, Cutler D., Boston, Mass., assignor, by mesne assignments, to Polaroid Corporation, Dover, Del. Polarizing attachment for optical instruments such as microscopes. 2,152,513; Mar. 28.
West, Donald H., Bolton, assignor to The Lapointe Machine Tool Company, Hudson, Mass. Vertical tapered spline broaching machine. 2,150,593; Mar. 14.
West, Donald H., Bolton, assignor to The Lapointe Machine Tool Company, Hudson, Mass. Hydraulic drive for machine tools. 2,153,056; Apr. 4.
West, Ernest. (See West, Frederick J. and E.)
West, Frank R., Detroit, Mich. Refrigerating unit. 2,160,045; May 30.
West, Frank R., Detroit, Mich. Air resistance indicating means for automobiles. 2,173,382; Sept. 19.
West, Frederick J. and E., assignors to West's Gas Improvement Company Limited, Miles Platting, Manchester, England. Vertical retort for the carbonization of coal and the like. 2,178,026; Oct. 31.
West, George E., San Antonio, Tex. Bottle capping machine. 2,168,109; Aug. 1.
West, George H. B., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Specific gravity indicator. 2,160,772; May 30.
West, George L., Pittsburgh, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Cigarette server. 2,177,010; Oct. 24.
West, Harold S., Romford, England. Route indicating device. 2,144,949; Jan. 24.
West, Harry R., Pittsfield, Mass., assignor to General Electric Company. Motor control. 2,175,935; Oct. 10.
West, Herbert J., Mount Lebanon, and A. O. Jaeger, Greentree, Pa., assignors to American Cyanamid & Chemical Corporation, New York, N. Y. Esterification of organic acids. 2,169,012; Aug. 8.
West, Jarold R., assignor to R. Williams, New York, N. Y. Submarine sound system. 2,164,858; July 4.
West, John D., assignor to Manitowoc Shipbuilding Corporation, Manitowoc, Wis. Electromagnetic control device. 2,159,610; May 23.
West, John W. (See Ronci, V. L., and West.)
West, John W., Maplewood, N. J., assignor to Joe Lowe Corporation, New York, N. Y. Frozen confectionery molding apparatus. 2,145,906; Feb. 7.
West, Julian M. (See Campbell, M. E., and West.)
West, Lawrence J. (See Crane, M. L., and Fisher, assignors.)
West, Lewis S., Brighton, G. A. Steuber, Penfield, and J. H. Powers, Rochester; Genesee Valley Trust Company, executors of L. S. West, deceased, assignor to Despatch Shops, Inc., East Rochester, N. Y. Vehicle construction. 2,170,581; Aug. 22.
West, Lewis V., South Bend, Ind. Automatic clarifying sight feeder. 2,173,640; Sept. 19.
West, Lloyd L., assignor of forty-nine per cent to J. B. McKay, Wichita, Kans. Automatic collator. 2,167,470; July 25.
West, Maxwell A., assignor to West Screw Corporation, Portland, Oreg. Screw driver. 2,160,244; May 30.
West, Merle J., Los Angeles, Calif., assignor to Steiner Sales Company, Salt Lake City, Utah. Paper dispensing cabinet. 2,146,038; Feb. 7.
West, Milford H., and C. C. Watson, Aberdeen, Wash. Cranberry picking machine. 2,148,332; Feb. 21.
West, Paul A. (See Hope, S. N., and West.)
West, Roger R., Vancouver, British Columbia, Canada. Tank filling apparatus. 2,154,647; Apr. 18.
West, Samuel S., assignor to E. E. Rosaire, Houston, Tex. Electrical prospecting. 2,162,147; June 13.
West Screw Corporation. (See West, Maxwell A., assignor.)
West, Victor E., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Floor rack for refrigerator cars. 2,147,131; Feb. 14.
West Virginia Newspaper Publishing Company. (See Arnold, Ferd L., assignor.)
West Virginia Pulp & Paper Company. (See Owens, George W., assignor.)
West Virginia Pulp & Paper Company. (See Rawling, Francis G., assignor.)
West, Wilfred H., assignor to Crown Zellerbach Corporation, San Francisco, Calif. Refill dispensing wrapper. 2,158,712; May 16.
West, William B., assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Display stand. 2,143,396; Jan. 10.
West, William E., assignor to R. Blackinton & Co., North Attleboro, Mass. Making hollow-handle flatware. 2,165,991; July 11.
West, William F., Pine Bluff, Ark. Logging truck standard. 2,152,578; Mar. 28.
West, William H., Kansas City, Mo. Alarm valve for pneumatic tires. 2,166,384; July 18.
West, William M., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Composition gasket. 2,155,457; Apr. 25.
West Bend Aluminum Company. (See Kircher, Ralph N., assignor.)
Westberg, Gustave E., Los Angeles, Calif. Building lath. 2,146,782; Feb. 14.
Westberg, Gustave E. and H., Los Angeles, Calif. Conveying and mixing comminuted material. 2,161,553; June 6.
Westberg, Harry. (See Westberg, Gustave E. and H.)
Westberg, Harry, assignor to Borg-Warner Corporation, Chicago, Ill. Nozzle for arc-welding machine. 2,179,108; Nov. 7.
Westberg, Sigurd, Oslo, Norway. Production of low carbon steel. 2,164,727; July 4.
West Coast-Manchester Mills, Inc. (See Fellegi, Margit, assignor.)
Westcott, Clifford H., Oak Park, Ill., assignor, by mesne assignments, to C. C. Chambers and R. S. Bradshaw, Jr., as joint tenants, St. Louis, Mo. Dowel bar structure. 2,181,005; Nov. 21.
Westcott, Le Roy W., Hartford, Mich. Concrete form. 2,163,222; June 20.
Westenberg, Joseph E., assignor to Universal Oil Products Company, Chicago, Ill. Controlling temperature in exothermic reactions. 2,154,795; Apr. 18.
Westendorp, Willem F. (See Charlton, E. E., and Westendorp.)
Westendorp, Willem F., Schenectady, N. Y., assignor to General Electric Company. X-ray apparatus. 2,144,517; Jan. 17.
Westendorp, Willem F., Schenectady, N. Y., assignor to General electric Company. High voltage apparatus. 2,144,518; Jan. 17.
Westendorp, Willem F., Schenectady, N. Y., assignor to General Electric Company. Electric valve circuit. 2,146,610; Feb. 7.
Westendorp, Willem F., Schenectady, N. Y., assignor to General Electric Company. Energizing circuit for unilaterally conducting devices. 2,156,074; Apr. 25.
Westendorp, Willem F., Schenectady, N. Y., assignor to General Electric Company. Electric valve converting system. 2,159,827; May 23.
Westendorp, Willem F., Schenectady, N. Y., assignor to General Electric Company. Dynamic balancing of rotating bodies. 2,165,992; July 11.
Westenkirchner, Theresa, Toledo, Ohio. Kitchen sink. 2,151,818; Mar. 28.
Wester, Lou J., Indio, Calif. Cooling apparatus. 2,156,888; May 2.
Westermann, Rudolf, Amatitlan, Guatemala. Letter balance. 2,157,807; May 9.
Westermayer, August, Oberesslingen, assignor to the firm J. Eberspächer, Esslingen on the Neckar, Germany. Pipe joint. 2,175,712; Oct. 10.
Western-Austin Company. (See Antos, Joseph, assignor.)
Western-Austin Company. (See Burner, William L., assignor.)
Western-Austin Company. (See Slaker, Joseph H., assignor.)
Western Cartridge Company. (See Burton, Frank F., assignor.)
Western Cartridge Company. (See Crockett, Harry L., assignor.)
Western Cartridge Company. (See Franz, B. M., Wilkinson, and Ehrlich, assignors.)
Western Cartridge Company. (See Gresham, William F., assignor.)
Western Cartridge Company. (See Hatch, George B.)
Western Cartridge Company. (See Humeston, Frederick L., assignor.)
Western Cartridge Company. (See Kerone, Edward B. W., assignor.)
Western Cartridge Company. (See Kerone, E. B. W., and Carroll, asignors.)
Western Cartridge Company. (See Kopp, Walter R., assignor.)
Western Cartridge Company. (See Laudensack, Albert F., assignor.)
Western Cartridge Company. (See Lewis, George S., assignor.)
Western Cartridge Company. (See Olsen, F., Tibbitts, and Kerone, assignors.)
Western Cartridge Company. (See Pugsley, Edwin, assignor.)
Western Cartridge Company. (See Reinhardt, Otto K., assignor.)
Western Cartridge Company. (See Schaefer, Harold F., assignor.)
Western Cartridge Company. (See Schuricht, A. G., and Hindrichs, assignors.)
Western Cartridge Corporation. (See Seavey, F. R., and Kerone, assignors.)
Western Cartridge Company. (See Smith, Philip A., assignor.)
Western Cartridge Company. (See Swebilius, Carl G., assignor.)
Western Chain Products Co. (See Stuller, Earl A., assignor.)

Western Condensing Company. (See Peebles, D. D., and Manning, assignors.)
Western Electric Company. (See Adams, Arthur H., assignor.)
Western Electric Company. (See Andeen, Aaron G., assignor.)
Western Electric Company. (See Anderson, Harvey A., assignor.)
Western Electric Company. (See Arthur, Harry J., assignor.)
Western Electric Company. (See Barker, Virgil D., assignor.)
Western Electric Company. (See Barrett, Elliott P., assignor.)
Western Electric Company. (See Bent, Edgar D., assignor.)
Western Electric Company. (See Bidwell, Edgar M., assignor.)
Western Electric Company. (See Blount, Harry, assignor.)
Western Electric Company. (See Boswin, George A., assignor.)
Western Electric Company. (See Bouget, Y. A., and Selvig, assignors.)
Western Electric Company. (See Bouvier, G. A., and Crane, assignors.)
Western Electric Company. (See Bouvier, G. A., and Larsen, assignors.)
Western Electric Company. (See Brandt, Walter, assignor.)
Western Electric Company. (See Brillhart, Samuel E., assignor.)
Western Electric Company. (See Brown, Alfred B., assignor.)
Western Electric Company. (See Brown, M., Wagner, and Yonkman, assignors.)
Western Electric Company. (See Bureau, Arthur A., assignor.)
Western Electric Company. (See Craig, Arthur S., assignor.)
Western Electric Company. (See de Vriendt, C., and Borzer, assignors.)
Western Electric Company. (See Duclos, Aeneas J. N., assignor.)
Western Electric Company. (See Ewaldson, W. C., and Kress, assignors.)
Western Electric Company. (See Franz, Erwin E., assignor.)
Western Electric Company. (See Hall, Earl C., assignor.)
Western Electric Company. (See Harris, Robert A., assignor.)
Western Electric Company. (See Hartley, G. C., and Snell, assignors.)
Western Electric Company. (See Hartley, R. V. L., and Ives, assignors.)
Western Electric Company. (See Hatton, W., Haigh, and Kozma, assignors.)
Western Electric Company. (See Jespersen, Helgo W., assignor.)
Western Electric Company. (See Johannessen, V. L., and Swallow, assignors.)
Western Electric Company. (See Johnstone, H. G., and Gates, assignors.)
Western Electric Company. (See Keating, Herbert S., assignor.)
Western Electric Company. (See Kivley, Ray C., assignor.)
Western Electric Company. (See Kivley, R. C., and Stuhlfauth, assignors.)
Western Electric Company. (See Landreth, Morton L., assignor.)
Western Electric Company. (See Larsen, Leonard O., assignor.)
Western Electric Company. (See Larson, E. W., and McCain, assignors.)
Western Electric Company. (See Lassiter, Alwyn D., assignor.)
Western Electric Company. (See Link, Arthur C., assignor.)
Western Electric Company. (See Liss, August S., assignor.)
Western Electric Company. (See Lloyd, Stanley M., assignor.)
Western Electric Company. (See Lutz, Raymond P., assignor.)
Western Electric Company. (See MacLagan, Allan R., assignor.)
Western Electric Company. (See MacLagan, A. R., and Schuster, assignors.)
Western Electric Company. (See Mali, H. E., and Fredrickson, assignors.)
Western Electric Company. (See Manthorne, William H., assignor.)
Western Electric Company. (See Martindell, Frank, assignor.)
Western Electric Company. (See McCain, Cecil C., assignor.)
Western Electric Company. (See McCann, Paul S., assignor.)
Western Electric Company. (See McCord, Herbert F., assignor.)
Western Electric Company. (See McGuire, Lee R., assignor.)
Western Electric Company. (See Merwin, Harry H., assignor.)
Western Electric Company. (See Montel, A., and Rabine, assignors.)
Western Electric Company. (See Morsing, William, assignor.)
Western Electric Company. (See Newton, E. E., and Ray, assignors.)
Western Electric Company. (See Nydegger, R. R., and Seeley, assignors.)
Western Electric Company. (See Oesterle, Frank D., assignor.)
Western Electric Company. (See Paulson, Christian, assignor.)
Western Electric Company. (See Polivka, Rudolph, assignor.)
Western Electric Company. (See Price, Stanley, assignor.)
Western Electric Company. (See Purdy, C. A., and Wines, assignors.)
Western Electric Company. (See Rearick, Edward C., assignor.)
Western Electric Company. (See Reichelt, Lester O., assignor.)
Western Electric Company. (See Remmers, Walter E., assignor.)
Western Electric Company. (See Rosendale, Robert W., assignor.)
Western Electric Company. (See Roycroft, Walter R., assignor.)
Western Electric Company. (See Ruthven, William, assignor.)
Western Electric Company. (See Schmidt, Harold V., assignor.)
Western Electric Company. (See Schuyler, A. L., and MacLagan, assignors.)
Western Electric Company. (See Scott, Kenneth L., assignor.)
Western Electric Company. (See Scott, T. R., and Menzies, assignors.)
Western Electric Company. (See Scott, Walter J., assignor.)
Western Electric Company. (See Seeley, George A., assignor.)
Western Electric Company. (See Selvig, John N., assignor.)
Western Electric Company. (See Stull, John S., assignor.)
Western Electric Company. (See Tournier, Marcel C., assignor.)
Western Electric Company. (See Veale, Charles C., assignor.)
Western Electric Company. (See Waters, Daniel V., assignor.)
Western Electric Company. (See Weaver, Leo L., assignor.)
Western Electric Company. (See Wensley, Earl, assignor.)
Western Electric Company. (See Wensley, E., and Stull, assignors.)
Western Electric Company. (See Westhafer, T. O., and Diekmann, assignors.)
Western Electric Company. (See White, Walter E., assignor.)
Western Electric Company. (See Wright, Esmond P. G., assignor.)
Western Electric Company. (See Wright, E. P. G., and Hartley, assignors.)
Western Electric Company. (See Zartman, Castle W., assignor.)
Western Electric Company, Incorporated. (See Laube, Herbert W., assignor.)
Western Gulf Oil Company. (See Bowen, Lot, assignor.)
Western Land Roller Company. (See Cope, Joseph H., assignor.)
Western Newell Manufacturing Co. (See Maves, Stanley E., assignor.)
Western Paper Converting Company. (See Armstrong, Thomas, assignor.)
Western Pellet Machine Corporation. (See Crabtree, Duane, assignor.)
Western Pipe & Steel Company of California. (See Williams, George D., assignor.)
Western Products Company. (See McMechan, Maurice H., assignor.)
Western Railroad Supply Company. (See Gort, Godfrey, assignor.)
Western Rubber Company. (See Stalter, W. T., and Latta, assignors.)
Western States Machine Company, The. (See Roberts, Eugene, assignor.)
Western States Machine Company, The. (See Stevens, George E., assignor.)
Western Stove Company. (See Honer, Henry, assignor.)
Western Supplies Company. (See Herschel, W. S., and Antrainer, assignors.)
Western Union Telegraph Company, The. (See Anderson, J. N., and Dirkes, assignors.)
Western Union Telegraph Company, The. (See Anderson, J. N., and Steeneck, assignors.)
Western Union Telegraph Company. (See Angel, H., and Robinson, assignors.)
Western Union Telegraph Company, The. (See Birkmeyer, Paul J., assignor.)
Western Union Telegraph Company, The. (See Blanton, W. B., and White, assignors.)

Western Union Telegraph Company, The. (See Cannon, William D., assignor.)
Western Union Telegraph Company, The. (See d'Humy, F. E., and Franklin, assignors.)
Western Union Telegraph Company, The. (See Dickie, D. P., and Wheeler, assignors.)
Western Union Telegraph Company, The. (See Dirkes, R. F., and Wentworth, assignors.)
Western Union Telegraph Company, The. (See Dirkes, R. F., and Wheeler, assignors.)
Western Union Telegraph Company, The. (See Drenkard, Adam, Jr., assignor.)
Western Union Telegraph Company, The. (See Eller, K. B., and Holborn, assignors.)
Western Union Telegraph Company, The. (See Erickson, George L., assignor.)
Western Union Telegraph Company, The. (See Erickson, G. L., and Daley, assignors.)
Western Union Telegraph Company, The. (See Erickson, G. L., and Teter, assignors.)
Western Union Telegraph Company, The. (See Estes, Phillip H., assignor.)
Western Union Telegraph Company, The. (See Franklin, Lawrence W., assignor.)
Western Union Telegraph Company, The. (See Hackenberg, J. H., and Eller, assignors.)
Western Union Telegraph Company, The. (See Haglund, H. H., and Foster, assignors.)
Western Union Telegraph Company, The. (See Hargreaves, William, assignor.)
Western Union Telegraph Company, The. (See Holcomb, P., Jr., and Boggs, assignors.)
Western Union Telegraph Company, The. (See Hoover, Ray, assignor.)
Western Union Telegraph Company, The. (See Kline, B. L., Parrott, and Erickson, assignors.)
Western Union Telegraph Company, The. (See Lawton, Chester S., assignor.)
Western Union Telegraph Company, The (See Mason, Hobart, assignor.)
Western Union Telegraph Company, The. (See Milnor, Joseph W., assignor.)
Western Union Telegraph Company, The. (See Milnor, J. W., Bechberger, and Cannon, assignors.)
Western Union Telegraph Company, The. (See Nixon, Paul A., assignor.)
Western Union Telegraph Company, The. (See Nuxoll, F. G., and Noxon, assignors.)
Western Union Telegraph Company, The. (See Stain, Ray W., assignor.)
Western Union Telegraph Company, The. (See Steeneck, R., and Dirkes, assignors.)
Western Union Telegraph Company, The. (See Wheeler, H. H., and McGinnis, assignors.)
Western Union Telegraph Company, The. (See Wilder, Harold F., assignor.)
Western Union Telegraph Company, The. (See Wise, Raleigh, J., assignor.)
Western Union Telegraph Company, The. (See Wise, R. J., and O'Brien, assignors.)
Westfalia-Dinnendahl Gröppel A.-G. (See Wölz, Josef, assignor.)
Westhafer, Terrence O., Downers Grove, and D. J. Diekmann, Chicago, Ill., assignors to Western Electric Company, Incorporated, New York, N. Y. Impulse transmitting device. 2,172,231; Sept. 5.
West Haven Buckle Company, The. (See Pierson, Frode H., assignor.)
Westheimer, Max A., New York, N. Y. Rubber sole for sandals. 2,167,035; July 25.
Westin, Charles J., assignor to F. J. Stokes Machine Company, Philadelphia, Pa. Closing collapsible tubes. 2,155,028; Apr. 18.
Westin, Charles J., assignor to F. J. Stokes Machine Company, Philadelphia, Pa. Tube sealing press. 2,155,029; Apr. 18.
Westin, Charles J., assignor to F. J. Stokes Machine Company, Philadelphia, Pa. Sealing collapsible tubes. 2,169,173; Aug. 8.
Westin, Charles J., assignor to F. J. Stokes Machine Company, Philadelphia, Pa. Tube-closing machine. 2,172,898; Sept. 12.
Westinghouse Air Brake Company, The. (See Aikman, Burton S., assignor.)
Westinghouse Air Brake Company. (See Borde, Raoul, assignor.)
Westinghouse Air Brake Company, The. (See Borde, R., and Neveu, assignors.)
Westinghouse Air Brake Company, The. (See Bush, Rankin J., assignor.)
Westinghouse Air Brake Company, The. (See Bush, R. J., and Glass, assignors.)
Westinghouse Air Brake Company, The. (See Cameron, Mortimer B., assignor.)
Westinghouse Air Brake Company. (See Canetta, John, assignor.)
Westinghouse Air Brake Company, The. (See Canetta, J., and Grosswege, assignors.)
Westinghouse Air Brake Company, The. (See Cotter, George L., assignor.)
Westinghouse Air Brake Company, The. (See Craig, John F., assignor.)
Westinghouse Air Brake Company, The. (See Crittenden, Philip L., assignor.)
Westinghouse Air Brake Company. (See Croushore, Gerald C., assignor.
Westinghouse Air Brake Company, The. (See Dempsey, Philip W., assignor.)
Westinghouse Air Brake Company, The. (See Down, Sidney G., assignor.)
Westinghouse Air Brake Company, The. (See Farmer, Clyde C., assignor.)
Westinghouse Air Brake Company, The. (See Farmer, C. C., and Baughman, assignors.)
Westinghouse Air Brake Company, The. (See Farmer, C. C., and Hewitt, assignors.)
Westinghouse Air Brake Company, The. (See Farmer, C. C., and McCune, assignors.)
Westinghouse Air Brake Company, The. (See Fitch, Ellery R., assignor.)
Westinghouse Air Brake Company, The. (See Guillemin Tarayre, J., and Neveu, assignors.)
Westinghouse Air Brake Company, The. (See Hammer, Charles F., assignor.)
Westinghouse Air Brake Company. (See Hewitt, Ellis E., assignor.)
Westinghouse Air Brake Company, The. (See Hewitt, Ellis E., assignor.)
Westinghouse Air Brake Company, The. (See Hewitt, E. E., and Good, assignors.)
Westinghouse Air Brake Company, The. (See Hewitt, E. E., and McNeal, assignors.)
Westinghouse Air Brake Company, The. (See Hull, John B., assignor.)
Westinghouse Air Brake Company, The. (See Kelley, Cecil E., assignor.)
Westinghouse Air Brake Company, The. (See Kelley, Cecil S., assignor.)
Westinghouse Air Brake Company, The. (See Kirk, Walter B., assignor.)
Westinghouse Air Brake Company, The. (See Larson, Arthur G., assignor.)
Westinghouse Air Brake Company, The. (See Lloyd, David W., assignor.)
Westinghouse Air Brake Company, The. (See Logan, John W., Jr., assignor.)
Westinghouse Air Brake Company, The. (See Loudenbeck, Harry C., assignor.)
Westinghouse Air Brake Company, The. (See Mautsch, Robert H., assignor.)
Westinghouse Air Brake Company, The. (See Maxwell, Thomas, assignor.)
Westinghouse Air Brake Company, The. (See McCune, Joseph C., assignor.)
Westinghouse Air Brake Company, The. (See McNeal, Donald L., assignor.)
Westinghouse Air Brake Company, The. (See Miller, Frank E., assignor.)
Westinghouse Air Brake Company, The. (See Miller, R. E., and Cotter, assignors.)
Westinghouse Air Brake Company, The. (See Misner, George W., assignor.)
Westinghouse Air Brake Company, The. (See Nash, Richard L., assignor.)
Westinghouse Air Brake Company, The. (See Neveu, Anselme, assignor.)
Westinghouse Air Brake Company, The. (See Newell, George K., assignor.)
Westinghouse Air Brake Company, The. (See Patterson, David, assignor.)
Westinghouse Air Brake Company, The. (See Renshaw, William B., assignor.)
Westinghouse Air Brake Company, The. (See Rush, John W., assignor.)
Westinghouse Air Brake Company, The. (See Schwentler, Francis E., assignor.)
Westinghouse Air Brake Company, The. (See Stauffer, Jay W., assignor.)
Westinghouse Air Brake Company, The. (See Stevens, Roy R., assignor.)
Westinghouse Air Brake Company, The. (See Stevens, R. R., and Croushore, assignors.)
Westinghouse Air Brake Company, The. (See Stewart, Carlton D., assignor.)
Westinghouse Air Brake Company. (See Whitney, Ralph T., assignor.)
Westinghouse Air Brake Company, The. (See Williams, Samuel L., assignor.)
Westinghouse Air Brake Company, The. (See Yancey, Perry E., assignor.)
Westinghouse Brake & Signal Company. (See Kershaw, A. G., and Leech, assignors.)
Westinghouse Electric Elevator Company. See Baruch, M., De Camp, and Walker, assignors.)
Westinghouse Electric Elevator Company. (See Bouton, E. M., Williams, and Santini, assignors.)
Westinghouse Electric Elevator Company. (See Carney, Charles F., assignor.)
Westinghouse Electric Elevator Company. (See Carney, C. F., and Gasprich, assignors.)
Westinghouse Electric Elevator Company. (See Dunlop, James, assignor.)
Westinghouse Electric Elevator Company. (See Eames, William F., assignor.)
Westinghouse Electric Elevator Company. (See McCormick, Harold V., assignor.)
Westinghouse Electric Elevator Company. (See Vanderzee, Harry H., assignor.)

Westinghouse Electric Elevator Company. (See Wagner, Robert H., assignor.)
Westinghouse Electric Elevator Company. (See Williams, Harold W., assignor.)
Westinghouse Electric Elevator Company. (See Williams, H. W., and Jones, assignors.)
Westinghouse Electric & Manufacturing Company. (See Aalborg, Christian, assignor.)
Westinghouse Electric & Manufacturing Company. (See Allard, Arthur R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Alsing, Carl F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Anderson. Waldemar E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Anderson, William B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Anderson, W. B., and McCloy, assignors.)
Westinghouse Electric & Manufacturing Company. (See Anderson, W. B., and Saler, assignors.)
Westinghouse Electric and Manufacturing Company. (See Anderson, W. E., and Freeman, assignors.)
Westinghouse Electric & Manufacturing Company. (See Ardito, William, assignor.)
Westinghouse Electric & Manufacturing Company. (See Armstrong, George C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Armstrong, G. C., and Ellis, assignors.)
Westinghouse Electric & Manufacturing Company. (See Austin, Bascum O., assignor.)
Westinghouse Electric & Manufacturing Company. (See Austin, Walter M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bahls, Walter E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Baker, Benjamin P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Baker, B. P., and Dyer, assignors.)
Westinghouse Electric & Manufacturing Company. (See Baker, John G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Baker, J. G., and Rushing, assignors.)
Westinghouse Electric & Manufacturing Company. (See Baker, J. G., Rushing, Mikina, and Else, assignors.)
Westinghouse Electric & Manufacturing Company. (See Baker, Rest R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bangratz, Ernest G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Barnes, Thomas D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Barnsteiner, Alfons, assignor.)
Westinghouse Electric & Manufacturing Company. (See Bates, Harry H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Baudry, René A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Baxter, Harold G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Beebe, Raymond H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Beers, George L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Beese, Norman C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bendz, Waldemar I., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bernarde, Henry L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bitter, Francis, assignor.)
Westinghouse Electric & Manufacturing Company. (See Blackburn, Philip W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Blankenbuehler, John H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Blankenbuehler, J. H., and Harding, assignors.)
Westinghouse Electric & Manufacturing Company. (See Bock, Ashley P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bollinger, Paul, assignor.)
Westinghouse Electric & Manufacturing Company. (See Bostwick, Myron A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bourland, Langford T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bowman, Robert A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brace, Porter H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brace, P. H., Hanna, and Oplinger, assignors.)
Westinghouse Electric & Manufacturing Company. (See Brandenburger, Leo, assignor.)
Westinghouse Electric & Manufacturing Company. (See Brandt, Weldon H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brecht, Winston A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brecht, W. A., and Alben, assignors.)
Westinghouse Electric & Manufacturing Company. (See Brey, Rudolf, assignor.)
Westinghouse Electric & Manufacturing Company. (See Brooks, Hamilton, assignor.)
Westinghouse Electric & Manufacturing Company. (See Brown, Arthur R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brown, John L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brown, Myron J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Brown, Roy L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Bruckman, William C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Buchanan, Leslie B. M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Buff, Carl T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Chladek, Wilhelm, assignor.)
Westinghouse Electric & Manufacturing Company. (See Chubb, Lewis W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Clark, Earl K., assignor.)
Westinghouse Electric & Manufacturing Company. (See Codling, Eldred P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Cody, Clifford S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Coleman, H. C., and Lynn, assignors.)
Westinghouse Electric & Manufacturing Company. (See Conrad, Frank, assignor.)
Westinghouse Electric & Manufacturing Company. (See Cook, Willard G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Cosgrove, Raymond C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Cox, Joseph H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Crabbs, Herbert J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Curry, Oliver B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Cuttino, William H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Davis, Frederick R. J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Dawson, John W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Dawson, J. W., and Vedder, assignors.)
Westinghouse Electric & Manufacturing Company. (See De Croce, Gennero, assignor.)
Westinghouse Electric & Manufacturing Company. (See Deeg, Theodor, assignor.)
Westinghouse Electric & Manufacturing Company. (See de Loache, Robert L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Denman, Earl W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Diamond, Hymen, assignor.)
Westinghouse Electric & Manufacturing Company. (See Dickinson, Robert C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Draper, Thomas, assignor.)
Westinghouse Electric & Manufacturing Company. (See Dreyer, William C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Eames, William F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ehrgott, Karl, assignor.)
Westinghouse Electric & Manufacturing Company. (See Eisinger, Rudolph J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Elberty, Robert S., Jr., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ellis, D., and Armstrong, assignors.)
Westinghouse Electric & Manufacturing Company. (See Ellis, Stuart G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Etzrodt, Karl, assignor.)
Westinghouse Electric & Manufacturing Company. (See Evans, Robert D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Exner, Donald W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Farley, W. R., Atherton, and Gonano, assignors.)
Westinghouse Electric & Manufacturing Company. (See Fatkin, Edward S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Filberich, L., Schiele, and Seethaler, assignors.)
Westinghouse Electric & Manufacturing Company. (See Flanders, Warren B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Fletcher, A. L., and Hayford, assignors.)
Westinghouse Electric & Manufacturing Company. (See Forbes, Allan D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ford, J. G., and Hill, assignors.)
Westinghouse Electric & Manufacturing Company. (See Foresman, Robert A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Forsthoefel, Gregg F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Fountain, Lawrence L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Freeman, George A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Friedländer, Erich, assignor.)
Westinghouse Electric & Manufacturing Company. (See Friedländer, E., and Schmutz, assignors.)

Westinghouse Electric & Manufacturing Company. (See Gano, Harlan S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Gates, Henry S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Gier, John R., Jr., assignor.)
Westinghouse Electric & Manufacturing Company. (See Gottlieb, Jacob, assignor.)
Westinghouse Electric & Manufacturing Company. (See Gottlieb, Manious, assignor.)
Westinghouse Electric & Manufacturing Company. (See Graham, Harold J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Gulliksen, Finn H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Gulliksen, F. H., and Dawson, assignors.)
Westinghouse Electric and Manufacturing Company. (See Gustin, Daniel S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hadley, D. L., and Lockwood, assignors.)
Westinghouse Electric & Manufacturing Company. (See Hancock, Myron S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hanna, Clinton R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hanna, C. R., and Oplinger, assignors.)
Westinghouse Electric & Manufacturing Company. (See Harder, Edwin L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Harder, E. L., Leneham, and Lewis, assignors.)
Westinghouse Electric & Manufacturing Company. (See Harding, William R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hastings, Roger W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hein, Carl C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Highriter, Harry W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hill, Charles F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hitchcock, Richard C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hodnet, J. K., and Forbes, assignor.)
Westinghouse Electric & Manufacturing Company. (See Hodnette, J. K., and Forbes, assignors.)
Westinghouse Electric & Manufacturing Company. (See Holler, Homer D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Horne H. F., and Perry, assignors.)
Westinghouse Electric & Manufacturing Company. (See Iams, Harley A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Jacobi, W. H., and Yost, assignors.)
Westinghouse Electric & Manufacturing Company. (See James, Robert F., assignor.)
Westinghouse Electric & Manufacturing Company. (See James, R. F., and Baker, assignors.)
Westinghouse Electric & Manufacturing Company. (See James, William G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Janetschke, Erwin, assignor.)
Westinghouse Electric & Manufacturing Company. (See Jennings, Oliver S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Johansson, Ernest G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Johnson, Floyd D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Johnson, Frederick B., assignor.)
Westinghouse Electric & Manufacturing Company. (See Johnson, Welton V., assignor.)
Westinghouse Electric & Manufacturing Company. (See Johnson, W. V., and Riesz, assignors.)
Westinghouse Electric & Manufacturing Company. (See Kafka, Wilhelm, assignor.)
Westinghouse Electric & Manufacturing Company. (See Kafka, W., and Meenen, assignors.)
Westinghouse Electric & Manufacturing Company. (See Kalischer, Milton, assignor.)
Westinghouse Electric & Manufacturing Company. (See Kalischer, Philip R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kann, Heinrich, assignor.)
Westinghouse Electric & Manufacturing Company. (See Kelly, James M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kenyon, Alonzo F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Keyes, John J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kilgore, Lee A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kinn, Theodore P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Klein, P., and Wulsten, assignors.)
Westinghouse Electric & Manufacturing Company. (See Klemperer, Hans, assignor.)
Westinghouse Electric & Manufacturing Company. (See Knappe, C., and Siemens, assignors.)
Westinghouse Electric & Manufacturing Company. (See Knowles, Dewey D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Koch, Gustav H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Koppelmann, F., Kaufmann, and Kesselring, assignors.)
Westinghouse Electric & Manufacturing Company. (See Kropp, Hermann, assignor.)
Westinghouse Electric & Manufacturing Company. (See Labberton, John M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Labberton, J. M., and Smith, assignors.)
Westinghouse Electric & Manufacturing Company. (See Langford, Thomas W., assignor.)
Westinghouse Electric & Manufacturing Company. (See La Pelle, Rolland R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Lee, Paul R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Lee, Reuben, assignor.)
Westinghouse Electric & Manufacturing Company. (See Leeds, W. M., and Baker, assignors.)
Westinghouse Electric & Manufacturing Company. (See Leippe, Richard M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Lenehan, Bernard E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Lenehan, B. E., and Rogers, assignors.)
Westinghouse Electric & Manufacturing Company. (See Lenz, Peter L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Leonard, Merrill G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Leukert, Wilhelm, assignor.)
Westinghouse Electric & Manufacturing Company. (See Lidiak, Joseph P., assignor.)
Westinghouse Electric & Manufacturing Company. (See Lingal, Harry J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Little, Donald G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Lockwood, Edwin H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Lockwood, Lloyd D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Lotz, Albert, assignor.)
Westinghouse Electric & Manufacturing Company. (See MacNeill, John B., assignor.)
Westinghouse Electric & Manufacturing Company. (See MacNeill, J. B., and May, assignors.)
Westinghouse Electric & Manufacturing Company. (See Marbury, Ralph E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Marbury, R. E., and Brace, assignors.)
Westinghouse Electric & Manufacturing Company. (See Marbury, R. E., and Cuttino, assignors.)
Westinghouse Electric & Manufacturing Company. (See Marden, John W., assignor.)
Westinghouse Electric & Manufacturing Company. (See May, John W., assignor.)
Westinghouse Electric & Manufacturing Company. (See McCloy, Graham S., assignor.)
Westinghouse Electric & Manufacturing Company. (See McCulloch, Leon, assignor.)
Westinghouse Electric & Manufacturing Company. (See McGowan, Michael E., assignor.)
Westinghouse Electric & Manufacturing Company. (See McShane, Phelan, assignor.)
Westinghouse Electric & Manufacturing Company. (See Michel, Mathias, assignor.)
Westinghouse Electric & Manufacturing Company. (See Mikina, Stanley J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mikina, S. J., Oplinger, Osbon, and Sentipal, assignors.)
Westinghouse Electric & Manufacturing Company. (See Mili, Gjon, assignor.)
Westinghouse Electric & Manufacturing Company. (See Morgan, David W. R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Morgan, John G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Moses, Graham L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mosshart, Donald J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mouromtseff, Ilia E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mouromtseff, I. E., and Kozanowski, assignors.)
Westinghouse Electric & Manufacturing Company. (See Mudgett, Guernsey F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mueller, Erich O., assignor.)
Westinghouse Electric & Manufacturing Company. (See Müller, Paul, assignor.)
Westinghouse Electric & Manufacturing Company. (See Murcek, Slavo J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Mylius, Walter G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Nadai, A., and Boyd, assignors.)
Westinghouse Electric & Manufacturing Company. (See Nutto, Louis A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Nycum, Homer C., assignor.)
Westinghouse Electric & Manufacturing Company. (See O'Brien, Joseph F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ow, Joseph W., assignor.)

Westinghouse Electric & Manufacturing Company. (See Pakala, William E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Parr, Bernard F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Parsons, John S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Parsons, J. S., and Harrison, assignors.)
Westinghouse Electric & Manufacturing Company. (See Pearce, Cullen T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Pegg, Edward H. R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Penney, Gaylord W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Pennow, Willis A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Peters, John F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Peterson, Alfred J. A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Pohlhausen, Karl, assignor.)
Westinghouse Electric & Manufacturing Company. (See Ponomareff, Alexander I., assignor.)
Westinghouse Electric & Manufacturing Company. (See Price, Osborne I., assignor.)
Westinghouse Electric & Manufacturing Company. (See Purifoy, George R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ramage, John H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rawlins, Herbert L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Reagan, Maurice E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rebhan, J., and Elsner, assignors.)
Westinghouse Electric & Manufacturing Company. (See Reid, Thomas A., assignor.)
Westinghouse Electric and Manufacturing Company. (See Rentschler, H. C., and Henry, assignors.)
Westinghouse Electric & Manufacturing Company. (See Ridge, Raymond J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Roman, Adam, assignor.)
Westinghouse Electric & Manufacturing Company. (See Rose, Herbert A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Rugg, Harold H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Russell, W. J., and Woodman, assignors.)
Westinghouse Electric & Manufacturing Company. (See Saler, Jules N., assignor.)
Westinghouse Electric & Manufacturing Company. (See Sandin, Jerome, assignor.)
Westinghouse Electric & Manufacturing Company. (See Sandin, Jerome M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Sateren, Martin G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Saunders, William M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Schaake, William, assignor.)
Westinghouse Electric & Manufacturing Company. (See Schaelchlin, Walter, assignor.)
Westinghouse Electric & Manufacturing Company. (See Schaelchlin, W., and Mahnke, assignors.)
Westinghouse Electric & Manufacturing Company. (See Scheer, Frederick H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Schewe, Heinrich, assignor.)
Westinghouse Electric & Manufacturing Company. (See Schmidt, Henry F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Schmutz, O., and Werner, assignors.)
Westinghouse Electric & Manufacturing Company. (See Schnarz, Richard, assignor.)
Westinghouse Electric & Manufacturing Company. (See Schofield, Stanley T., assignor.)
Westinghouse Electric & Manufacturing Company. (See Schofield, S. T., and Frakes, assignors.)
Westinghouse Electric & Manufacturing Company. (See Schroeder, Gerhard, assignor.)
Westinghouse Electric & Manufacturing Company. (See Schütz, Eberhard, assignor.)
Westinghouse Electric & Manufacturing Company. (See Schwaiger, Max, assignor.)
Westinghouse Electric & Manufacturing Company. (See Schwendner, Anthony F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Scott, Howard, assignor.)
Westinghouse Electric & Manufacturing Company. (See Seibert, John L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Semar, Harold W., assignor.)
Westinghouse Electric & Manufacturing Company. (See Shoemaker, J. J., and Seelye, assignors.)
Westinghouse Electric & Manufacturing Company. (See Shutt, Charles C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Skvortzoff, Alexander A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Slepian, Joseph, assignor.)
Westinghouse Electric & Manufacturing Company. (See Slepian, J., and Ludwig, assignors.)
Westinghouse Electric & Manufacturing Company. (See Smede, Lloyd, assignor.)
Westinghouse Electric & Manufacturing Company. (See Smith, Edwin F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Smith, Gerald F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Smith, Lewis R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Snyder, Franklin L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Soderberg, Carl R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Steinert, Emil F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Stephenson, James G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Sterrett, Charles C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Stickney, F. S., and Bernarde, assignors.)
Westinghouse Electric & Manufacturing Company. (See Stix, Robert, assignor.)
Westinghouse Electric & Manufacturing Company. (See Stoddard, Ralph N., assignor.)
Westinghouse Electric & Manufacturing Company. (See Sutter, Frederic E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Taddiken, Ulrich A., assignor.)
Westinghouse Electric & Manufacturing Company. (See Taliaferro, William R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Taliaferro, W. R., and Longwell, assignors.)
Westinghouse Electric & Manufacturing Company. (See Toepfer, Adolph H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Tornberg, Torsten H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Tubbs, Lester G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Tull, R. H., and Homkes, assignors.)
Westinghouse Electric & Manufacturing Company. (See Tuley, C. B., and McNulty, assignors.)
Westinghouse Electric & Manufacturing Company. (See Tuley, C. B., and Morgan, assignors.)
Westinghouse Electric & Manufacturing Company. (See Tull, Robert H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Tusing, Roy S., assignor.)
Westinghouse Electric & Manufacturing Company. (See Ulrey, Dayton, assignor.)
Westinghouse Electric & Manufacturing Company. (See Van Sickle, R. C., and Cumming, assignors.)
Westinghouse Electric & Manufacturing Company. (See Vedder, Edwin H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Voight, Rudolf, assignor.)
Westinghouse Electric & Manufacturing Company. (See von Issendorf, Jürgen, assignor.)
Westinghouse Electric & Manufacturing Company. (See Wagner, C. F., Slepian and Ludwig, assignors.)
Westinghouse Electric & Manufacturing Company. (See Waimann, Karl, assignor.)
Westinghouse Electric & Manufacturing Company. (See Wallace, James M., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wendlik, Hubert, assignor.)
Westinghouse Electric & Manufacturing Company. (See Wensley, Roy J., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wentz, Edward C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Weybrew, Thelbert L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wheeler, Floyd S., assignor.)
Westinghouse Electric & Manufacturing Company. (See White, Howard D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Willby, Norman H., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wilson, Earl D., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wilson, E. D., and Stoltz, assignors.)
Westinghouse Electric & Manufacturing Company. (See Wilson, W. A., and Schmidt, assignors.)
Westinghouse Electric & Manufacturing Company. (See Winkler, Frederic C., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wolfert, Edward R., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wolfert, E. R., and Labberton, assignors.)
Westinghouse Electric & Manufacturing Company. (See Woodman, Kenneth L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Wulsten, Kurt, assignor.)
Westinghouse Electric & Manufacturing Company. (See Young, D. A., and Bernarde, assignors.)
Westinghouse Electric & Manufacturing Company. (See Zetterquist, Eric, assignor.)
Westinghouse Electric Elevator Company. (See Williams, H. W., and Santini, assignors.)
Westinghouse Pacific Coast Brake Company. (See Harrie, James W., assignor.)
Westinghouse Pacific Coast Brake Company. (See Hull, John B., assignor.)

Westinghouse X-Ray Company. (See Nelson, Albert C., assignor.)
Westlake, Edward B., Jr., Dayton, Ohio. Eaves trough. 2,175,138; Oct. 3.
Westland, Louis J., Medina, Ohio. Doweled expansion joint installer. 2,142,294; Jan. 3.
Westlund, Karl W., Huntington Park, and E. J. Dahlen, Inglewood, assignors to Ensign Carburetor Co. Ltd., Huntington Park, Calif. Gas filter. 2,162,043; June 13.
Westman, Albin B., Miami, Fla. Package tier. 2,144,133; Jan. 17.
Weston, Edwin J., Canton, Ohio. Steering gear for vehicles. 2,150,199; Mar. 14.
Weston Electrical Instrument Corporation. (See Lamb, Anthony H., assignor.)
Weston Electrical Instrument Corporation. (See Lamb, Francis X., assignor.)
Weston Electrical Instrument Corporation. (See Lederer, K. M., and Dempster, assignors.)
Weston Electrical Instrument Corporation. (See Lewis, Roger E., assignor.)
Weston Electrical Instrument Corporation. (See Miller, John H., assignor.)
Weston Electrical Instrument Corporation. (See Wolferz, Alfred H., assignor.)
Weston, Eugene W., Elginburgh, Ontario, Canada. Booster system for ignition circuits. 2,173,869; Sept. 26.
Weston, Eugene W., Elginburgh, Ontario, Canada. Booster system for ignition circuits. 2,173,870; Sept. 26.
Weston, Milton T., Red Bank, N. J. Resilient driving chain. 2,154,648; Apr. 18.
Weston, Milton T., Red Bank, N. J. Variable speed transmission. 2,158,047; May 9.
Weston, Milton T., Red Bank, N. J. Self-adjusting felt roll for paper machines. 2,163,163; June 20.
Weston, W. Calvin, assignor to The Murray Corp. of America, Detroit, Mich. Toggle clamp. 2,165,322; July 11.
Westover, C. Edward, Chicago, Ill. Method of and means for producing castings. 2,170,103; Aug. 22.
Westphal, Paul A., Los Angeles, Calif. Inkwell and the like. 2,149,650; Mar. 7.
Westphal, Walter A., assignor to The Web Truss Company, Hagerstown, Md. Truss. 2,180,332; Nov. 14.
Westphal, Walter F., Halethorpe, Md. Snow ski. 2,154,019; Apr. 11.
West Point Manufacturing Company. (See Smith, Loyd A., assignor.)
Westrope, Fred J., assignor to The Murray Corporation of America, Detroit, Mich. Hinge. 2,153,734; Apr. 11.
Westrope, Fred J. (See Graebner, O. F., and Westrope.)
West's Gas Improvement Company Limited. (See West, Frederick J. and E., assignors.)
Westvaco Chlorine Products Corporation. (See Seaton, Max Y., assignor.)
West Virginia Pulp and Paper Company. (See Frankel, E. M., and Pollak, assignors.)
West Virginia Pulp & Paper Company. (See Rawling, Francis G., assignor.)
Westwick, John W., Galena, Ill. Oil-fired furnace. 2,157,643; May 9.
Wetherbee, Grover C., Saginaw, Mich. Portable wood converting machine. 2,166,455; July 18.
Wetmore, Foster H., deceased; R. E. Brainerd, administrator, assignor to M. H. Wetmore, Detroit, Mich. Automatic clutch. 2,159,956; May 23.
Wetmore, Mary H., (See Wetmore, Foster H., assignor.)
Wetmore Reamer Company. (See Hassig, Edward, assignor.)
Wetmore, William O., Gulfport, Fla. Designoscope. 2,152.424; Mar. 28.
Wetsel, Carlton. (See Smith, E. L., and Wetsel.)
Wettermark, Carl A., Dale, assignor, by mesne assignments, to R. W. Fair, Tyler, and E. A. Kliewer, Longview, Tex. Tubing scraper for oil wells. 2,149,824; Mar. 7.
Wettlaufer, William L., Buffalo, N. Y. Golf club. 2,146,321; Feb. 7.
Wettlaufer, William L., Buffalo, N. Y. Antiskid device. 2,158,264; May 16.
Wettlaufer, William L., Buffalo, N. Y. Device for removing the heads of golf clubs. 2,160,395; May 30.
Wettlaufer, William L., Buffalo, N. Y. Golf club grip and making the same. 2,171,382; Aug. 29.
Wettlaufer, William L., Buffalo, N. Y. Golf club head. 2,171,383; Aug. 29.
Wettlaufer, William L., Buffalo, N. Y. Golf club shaft. 2,177,970; Oct. 31.
Wettstein, Albert. (See Hartmann, M., and Wettstein.)
Wettstein, Albert. (See Miescher, K., and Wettstein.)
Wettstein, Albert. (See Ruzicka, L., and Wettstein.)
Wettstein, Albert. (See Ruzicka, L., Wettstein, and Kaegi.)
Wettstein, Fritz A., assignor to Aktiebolaget Spontan, Stockholm, Sweden. Making rotor blades for steam or gas turbines. 2,163,531; June 20.
Wetzel, Edward A., assignor to Briggs Manufacturing Company, Detroit, Mich. Sealing strip. 2,158,808; May 16.
Wetzel, Harry H., assignor to Douglas Aircraft Company, Inc., Santa Monica, Calif. Treating aluminum alloys. 2,174,645; Oct. 3.
Wetzig, Ernest L., Clint, Tex. Fruit picker. 2,167,133; July 25.
Wever, Paul. (See Ziller, Hans-Joachim, assignor.)
Wewetzer, Albert, assignor to Illinois Watch Case Company, Elgin, Ill. Watch cover. 2,154,225; Apr. 11.
Wewetzer, Albert, and E. C. Anderson, assignors to Illinois Watch Case Company, Elgin, Ill. Watchcase mounting. 2,181,753; Nov. 28.
Wexler, Monroe L., Philadelphia, Pa., assignor, by mesne assignments, to Sears, Roebuck and Co. Tree band. 2,143,043; Jan. 10.
Wexler, Samuel, Amesbury, Mass. Shoe and making same. 2,167,858; Aug. 1.
Wey, Raymond J., London, England, assignor to Republic Flow Meters Company, Chicago, Ill. Electric signaling or controlling system employing follow-up devices. 2,164,728; July 4.
Weybrew, Thelbert L., Swissvale, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Locomotive control system. 2,175,862; Oct. 10.
Weydell, Jarl M., assignor of one-half to E. E. Stout, Indianapolis, Ind. Gear set. 2,153,856; Apr. 11.
Weyers, Theodorus J., Eindhoven, Netherlands, assignor to Radio Corporation of America. Radio receiver tuning indicator. 2,153,783; Apr. 11.
Weyers, Theodorus J., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Band-pass filter with variable band width. 2,161,646; June 6.
Weyers, Theodorus J., assignor to N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands. Superheterodyne receiver. 2,171,678; Sept. 5.
Weymouth, Merrill H. (See Collings, W. R., De Pree, and Weymouth.)
Whalen, Joseph L., Lancaster, Pa. Shaving implement. 2,146,783; Feb. 14.
Whalen, Paul E., Bedford, Ind. Hydraulic lash adjuster. 2,163,969; June 27.
Whaley, Fred R., Buffalo, N. Y., assignor to Carbide and Carbon Chemicals Corporation. Noncorrosive antifreeze liquid. 2,172,075; Sept. 5.
Whann, Rural W., assignor to Emsco Derrick & Equipment Company, Los Angeles, Calif. Rotary machine bushing arrangement. 2,182,935; Dec. 12.
Wharton, George C., assignor to Ames Baldwin Wyoming Co., Parkersburg, W. Va. Tool with handle. 2,143,725; Jan. 10.
Wheary, George H. (See Peshek, J., and Wheary.)
Wheary, George H., assignor to Wheary Trunk Company, Racine, Wis. Hand luggage handle. 2,168,077; Aug. 1.
Wheary, George H., assignor to Wheary Trunk Company, Racine, Wis. Luggage case. 2,182,604; Dec. 5.
Wheary Trunk Company. (See Peshek, J., and Wheary, assignors.)
Wheary Trunk Company. (See Wheary, George H., assignor.)
Wheat, Grant, assignor to Koehler Manufacturing Company, Marlboro, Mass. Storage battery for hearing-aids. 2,179,393; Nov. 7.
Wheat, William G., assignor of one-fourth to D. Roberts and one-fourth to J. N. Miniace. Kansas City, Mo. Tuning device. 2,177,760; Oct. 31.
Wheatley, Christopher C. H. (See Wheatley, Christopher W. C., and C. C. H.)
Wheatley, Christopher W. C. and C. C. H., Kent, England. Color photography. 2,145,960; Feb. 7.
Wheatley, John E., Norwood, Ohio. Nonpouring self-measuring dispensing container. 2,170,173; Aug. 22.
Wheatley, William B. (See Fleet, R. H., Wheatley, and Laddon.)
Wheaton, A. W., Brass Works. (See Wheaton, Abram W., assignor.)
Wheaton, A. W., Brass Works, Inc. (See Meyer, W., and Krone, assignors.)
Wheaton, Abram W., Maplewood, assignor to A. W. Wheaton Brass Works, Newark, N. J. Selective multiple faucet or like valve. 2,142,543; Jan. 3.
Wheaton, Abram W., Maplewood, assignor to A. W. Wheaton Brass Works, Newark, N. J. Selective remote control mechanism. 2,144,212; Jan. 17.
Wheaton, Abram W., Maplewood, assignor to A. W. Wheaton Brass Works, Newark, N. J. Selective remote control mechanism. 2,150,667; Mar. 14.
Wheaton, Abram W., Maplewood, assignor to A. W. Wheaton Brass Works, Newark, N. J. Selective control device. 2,172,601; Sept. 12.
Wheaton, Estel O., assignor to Kelly-Wheaton Company, Toledo, Ohio. Transmission control. 2,181,647; Nov. 28.
Wheaton, Henry C., East Orange, N. J., assignor to Bailey Meter Company. Desuperheater. 2,155,986; Apr. 25.
Whedon, Le Grand S., Medina, N. Y. Locking mechanism for adjustable seats. 2,154,294; Apr. 11.
Whedon, Le Grand S., Medina, N. Y. Seat adjusting unit. 2,175,452; Oct. 10.
Whedon, Le Grand S., and A. A. Grinnell, assignors, by mesne assignments, to L. S. Whedon, Medina, N. Y. Mounting for seat structures. 2,149,945; Mar. 7.

Whedon, Le Grand S., and A. A. Grinnell, Medina, and R. E. Rousseau, Buffalo, assignors, by mesne assignments, to L. S. Whedon, Medina, N. Y. Slide and guide support for seat structure. 2,149,946; Mar. 7.
Wheelbarger, Albert S., Dayton, assignor, by mesne assignments, to Central National Bank of Cleveland, Cleveland, Ohio. Cash drawer selecting mechanism. 2,143,292; Jan. 10.
Wheelbarger, Albert S., and W. G. Orth, Dayton, assignors, by mesne assignments, to Central National Bank of Cleveland, Cleveland, Ohio. Register. 2,160,046; May 30.
Wheelco Vacuum Products Company. (See Cohen, Theodore A., assignor.)
Wheeler, Brian, Beloit, Wis., assignor to Heisler Locomotive Works, Erie, Pa. Valve actuating mechanism. 2,151,647; Mar. 21.
Wheeler, Brian, Beloit, Wis., assignor to Heisler Locomotive Works, Erie, Pa. Steam charging device for unfired pressure vessels. 2,173,318; Sept. 19.
Wheeler, Charles S., Los Angeles, Calif., assignor to Controlair Manufacturing Co. Adjustable grille. 2,152,447; Mar. 28.
Wheeler, Clyde H., Midland Park, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Shield for electrical spring contacts. 2,152,780; Apr. 4.
Wheeler, Dock R., Lake Charles, La. Fire detecting cable. 2,161,395; June 6.
Wheeler, Dock R., Lake Charles, La. Fire extinguisher. 2,171,487; Aug. 29.
Wheeler, Donald P., assignor to American Coating Mills, Inc., Elkhart, Ind. Carrier and display device. 2,179,109; Nov. 7.
Wheeler, Evan R. (See Dirkes, R. F., and Wheeler.)
Wheeler, Floyd S., Arlington, Va., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Wringer control. 2,144,473; Jan. 17.
Wheeler, Freeman Y., Beverly Hills, assignor to Clayton Manufacturing Company, Alhambra, Calif. Apparatus for producing a spray. 2,157,581; May 9.
Wheeler, Harley T., Dallas, Tex. Rotary packing. 2,148,093; Feb. 21.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Radio-frequency inductance unit. Re. 21,176; Aug. 15.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Frequency selective network. 2,150,044; Mar. 7.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Automatic fidelity control. 2,152,514; Mar. 28.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Automatic signal interference control. 2,152,515; Mar. 28.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Amplifier system. 2,152,618; Mar. 28.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Phase-correcting low-pass filter. 2,153,857; Apr. 11.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Vacuum tube. 2,154,141; Apr. 11.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Band-pass selector. 2,156,137; Apr. 25.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Tuning indicator. 2,159,240; May 23.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Wide band coupling system. 2,167,134; July 25.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Wide band coupling system. 2,167,135; July 25.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Two-terminal low-pass coupling system. 2,167,136; July 25.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Two-terminal band-pass coupling system. 2,167,137; July 25.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Automatic selectivity control. 2,168,461; Aug. 8.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. M-derived band-pass filter. 2,177,761; Oct. 31.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Band-pass filter. 2,181,499; Nov. 28.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Attenuating network. 2,182,329; Dec. 5.
Wheeler, Harold A., Great Neck, N. Y., assignor to Hazeltine Corporation. Signal-selecting system. 2,183,980; Dec. 19.
Wheeler, Harry N., assignor to Wheeler-Morse Company, Birmingham, Ala. Foot measuring machine. 2,181,930; Dec. 5.
Wheeler, Harvey C. (See Moffat, Albert S., assignor.)
Wheeler, Henry H., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Cigar bunch shaping machine. 2,157,537; May 9.
Wheeler, Henry H., Brooklyn, N. Y., assignor to International Cigar Machinery Company. Scrap collector for cigar machines. 2,158,315; May 16.
Wheeler, Herbert H. (See Dickie, D. P., and Wheeler.)
Wheeler, Herbert H., Millburn, N. J., and O. McGinnis, Brooklyn, assignors to The Western Union Telegraph Company, New York, N. Y. Insulator for communication systems. 2,165,773; July 11.
Wheeler Insulated Wire Company. (See Harris, Edward H., assignor.)
Wheeler Insulated Wire Company. (See Starring, D. S., and Horn, assignors.)
Wheeler, John N. (See Brand, S., and Wheeler.)
Wheeler, Joseph, Kecoughtan, assignor of one-tenth to H. Fleming, Kecoughtan, Va., and thirty-five per cent to D. L. Holden, Washington, D. C. Shoe polishing machine. 2,181,676; Nov. 28.
Wheeler, Leon. (See Vaughan, Berkeley S., assignor.)
Wheeler-Morse Company. (See Wheeler, Harry N., assignor.)
Wheeler, Reynolds and Stauffer. (See Missbach, Edmund C., assignor.)
Wheeler, Vaughn E., Rome, Ga., assignor to Tubize Chatillon Corporation, New York, N. Y. Winding yarn. 2,153,784; Apr. 11.
Wheeler, Walter H., Jr., assignor to Pitney-Bowes Postage Meter Co., Stamford, Conn. Moistening device. 2,167,257; July 25.
Wheeling Stamping Co. (See Paull, Ambrose D., assignor.)
Wheeling Stamping Company. (See Webb, Charles C., assignor.)
Wheeling Steel Corporation. (See Conner, Guy O., assignor.)
Wheeling Steel Corporation. (See Cook, Nelson E., assignor.)
Wheeling Steel Corporation. (See Hobstetter, C. A., Gillis, and Milton, assignors.)
Wheeling Steel Corporation. (See King, Harry, assignor.)
Wheelock, John H., Fitzwilliam, N. H., assignor to Signal Engineering & Manufacturing Company, New York, N. Y. Alarm dispatching device and system. 2,159,304; May 23.
Wheelock, John H., Fitzwilliam, N. H., assignor to Signal Engineering & Manufacturing Company, New York, N. Y. Fault-indicating means for signal systems. 2,170,104; Aug. 22.
Wheelock, John H., Fitzwilliam, N. H., and F. Scherma, assignors to Signal Engineering & Manufacturing Company, New York, N. Y. Alarm signal system. 2,149,200; Feb. 28.
Wheelwright, J. S., Limited. (See Wheelwright, John S., assignor.)
Wheelwright, John S., assignor to J. S. Wheelwright Limited, London, England. Screen printing machine. 2,164,603; July 4.
Whelan, John J., Washington, D. C., assignor to Copper Houses, Inc., New York, N. Y. Mobile building. 2,154,142; Apr. 11.
Whelan, John J., Washington, D. C., assignor to Copper Houses, Inc., New York, N. Y. Panel and method of making. 2,154,143; Apr. 11.
Whelan, John J., Washington, D. C. Building construction. 2,168,725; Aug. 8.
Whelan, Joseph. (See Nelson, Verner A., assignor.)
Whelan, Laurence J., Butte, Mont. Road sander. 2,170,360; Aug. 22.
Wheland Company, The. (See Campbell, George E., assignor.)
Whelen, Myron S., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Compounds of the pyrazolanthrone series. 2,155,369; Apr. 18.
Whelen, Myron S., Milwaukee, Wis., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Preparation of 1-amino-6-chloroanthraquinone. 2,181,034; Nov. 21.
Wheler, Arthur G., and M. J. Roznowski, assignors of one-half to S. A. Scobell, Syracuse, N. Y. Liquid dispensing system. 2,168,636; Aug. 8.
Wheless, Roger E., Shreveport, La. Vehicle loading apparatus. 2,161,734; June 6.
Wheller, Harry S., Elizabeth, N. J. Circulation control means. 2,153,604; Apr 11.
Whelton, John M., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Manufacture of reinforced shoe bottom units. 2,166,421; July 18.
Whelton, John M., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Reinforced insole unit and making the same. 2,171,719; Sept. 5.
Whelton, John M., Peabody, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe bottom unit. 2,173,189; Sept. 19.
Whelton, John M., Peabody, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Machine for removing shoes from lasts. 2,182,832; Dec. 12.
Whenham, Everett L., Los Angeles, Calif. Automobile traffic signal. 2,158,973; May 16.
Whidden, Glen S., Lansing, Mich. Display device. 2,150,854; Mar. 14.
Whinery, Ingle B., East Grand Rapids, assignor to Waddell Manufacturing Company, Grand Rapids, Mich. Knob attaching device. 2,153,950; Apr. 11.
Whinfield, John R., assignor to The Calico Printers' Association Limited, Manchester, England. Treatment of textile materials. 2,142,623; Jan. 3.

Whipple, Jack V., assignor to United States Gauge Company, Sellersville, Pa. Brake tester or accelerometer. 2,157,514; May 9.

Whipple, Willis A., Camp Lake, Wis., assignor to R. Malcom, Chicago, Ill. Exhalation valve. 2,174,503; Sept. 26.

Whisler, Grant C., assignor to S. Morgan Smith Company, York, Pa. Hydraulic machine. 2,161,647; June 6.

Whisler, Ralph H. (See Northrup, H. M., Bartz, and Whisler.)

Whisner, Harry L., Clarion, Pa., assignor to Owens-Illinois Glass Company. Stenciling apparatus 2,174,298; Sept. 26.

Whistler, Laurence V. (See Wiley, Wallace K., assignor.)

Whistler, Lawrence V. and S. A., Kenmore, N. Y. Treating and assembling die elements. 2,183,800; Dec. 19.

Whistler, Sanford A. (See Whistler, Lawrence V. and S. A.)

Whitacre, Charles H. (See Burk, R. E., and Whitacre.)

Whitacre, Charles H., assignor to The Standard Oil Company, Cleveland, Ohio. Preparation of asphalt. 2,179,988; Nov. 14.

Whitaker, Edgar H., Waterloo, assignor to H. S. Van Alstine, Gilmore City, Iowa. Locker box assembly. 2,172,266; Sept. 5.

Whitaker, Frank P., Rugby, England, assignor to General Electric Company. Grid-controlled mercury arc discharge device or rectifier. 2,151,576; Mar. 21.

Whitaker, Harvey, San Antonio, Tex. Open hole formation tester. 2,182,888; Dec. 12.

Whitaker, James N. (See Shore, H., and Whitaker.)

Whitaker, James N., Tuckahoe, N. Y., assignor to Radio Corporation of America. Oscillation generation system. 2,144,236; Jan. 17.

Whitaker, James N., Tuckahoe, N. Y., assignor to Radio Corporation of America. Constant frequency oscillation generator. 2,162,520; June 13.

Whitaker, Joseph P. (See Fielding, John, assignor.)

Whitaker, Stanley E., Middletown, Ohio. Fisherman's live bait cage. 2,149,482; Mar. 7.

Whitaker, Uncas A., Canton, assignor to The Hoover Company, North Canton, Ohio. Ice tray. 2,181,593; Nov. 28.

Whitby, Harvie W., Dayton, Ohio, assignor to Sprague Specialties Co., North Adams, Mass. Capacitor motor and circuit arrangement therefor. 2,178,945; Nov. 7.

Whitchurch, Ellwood F. (See Sonheim, Frank J., assignor.)

Whitcomb, Kenneth F. (See Wagner, H. W., and Whitcomb.)

Whitcomb, Preston, Kenmore, assignor to Manning, Maxwell & Moore, Inc., New York, N. Y. Fluid hoist. 2,147,761; Feb. 21.

Whitcomb, Preston, Buffalo, assignor to Manning, Maxwell & Moore, Incorporated, New York, N. Y. Variable speed power transmission. 2,182,507; Dec. 5.

Whitcomb, William A., Dedham, Mass., assignor to Great Northern Paper Company, Millinocket, Maine. Floating sluice. 2,156,713; May 2.

Whitcomb, Winfred S., Riverside, Calif. Deep well pump. 2,164,975; July 4.

White, Albert F., Toronto, Ontario, Canada. Continuous conveyer. Re. 21,172; Aug. 8.

White, Albert F., Toronto, Ontario, Canada. Conveyer. 2,170,934; Aug. 29.

White, Albert G., Saltcoats, Scotland, assignor to Imperial Chemical Industries Limited. Blasting cartridge or borehole charge. 2,174,172; Sept. 26.

White, Anthony B., Hot Springs, assignor of fifty per cent to H. K. Wright, Hot Springs National Park, Ark. Auto-diagraph for ball games. 2,149,325; Mar. 7.

White, Arthur H., Elizabeth, N. J., assignor to Egyptian Lacquer Manufacturing Company, New York, N. Y. Lacquer. 2,143,929; Jan. 17.

White, Arthur J., Cleveland Heights, and P. J. Johnson, Shaker Heights, Ohio, assignors to General Electric Company. Making stems for sealed electrical devices. 2,153,404; Apr. 4.

White, Arthur J., Cleveland Heights, and P. J. Johnson, University Heights, Ohio, assignors to General Electric Company. Electric lamp or similar device. 2,154,550; Apr. 18.

White, Bert E., Spokane, Wash. Portable electric lamp. 2,167,789; Aug. 1.

White Cap Company. (See Davies, Lynn E., assignor.)

White Cap Company. (See White, William P., assignor.)

White, Carl E., Rockford, Ill., assignor to J. I. Case Company, Racine, Wis. Basin forming implement. 2,184,691; Dec. 26.

White, Charles, San Francisco, Calif. Elevator gate or barrier. 2,182,508; Dec. 5.

White, Charles B., et al., trustees. (See Williamson, Henry C., assignor.)

White, Charles E., Abington, Mass., assignor to Abington Textile Machinery Works, Boston, Mass. Weaver's knotter. 2,178,460; Oct. 31.

White, Charles H., assignor to Deere & Company, Moline, Ill. Planting mechanism. 2,147,726; Feb. 21.

White, Charles H., assignor to Deere & Company, Moline, Ill. Disk harrow. 2,163,818; June 27.

White, Charles J., Longview, Tex. Animal trap. 2,156,213; Apr. 25.

White, Clarence B., Montclair, N. J. Mineral dye and making same. 2,150,954; Mar. 21.

White, Clayton E., Cleveland, Ohio, assignor to Stone Paper Tube Company, Washington, D. C. Tubing and making the same. 2,181,035; Nov. 21.

White, Clayton F. A. (See Salzberg, P. L., and White.)

White, Clifford G., Cedar Rapids, Iowa. Pencil pointer. 2,152,395; Mar. 28.

White, David E., Silver Spring, Md. Nonskid tire. 2,180,649; Nov. 21.

White, David E., Silver Spring, Md. Making a nonskid tire. 2,180,650; Nov. 21.

White, Edmund B., Brooklyn, N. Y. Instant release rope hawser stopper. 2,148,284; Feb. 21.

White, Edwin A., Quincy, Mass. License plate assembly. 2,171,820; Sept. 5.

White, Eli, assignor of one-tenth to O. Milbrand, Detroit, Mich. Glow plug for internal combustion engines. 2,178,659; Nov. 7.

White, Ellis R. (See Yabroff, D. L., and White.)

White, Eric L. C. (See Hardwick, J., and White.)

White, Eric L. C., Hillingdon, assignor to Electric & Musical Industries Limited, Middlesex, England. Generator of electrical oscillations. 2,143,397; Jan. 10.

White, Eric L. C., Hillingdon, England, assignor to Electric & Musical Industries, Ltd. Television transmission system. 2,143,398; Jan. 10.

White, Eric L. C., Hillingdon, assignor to Electric & Musical Industries Limited, Hayes, Middlesex, England. Thermionic valve circuits. 2,178,012; Oct. 31.

White, Eugene B., Oak Park, Ill. Building construction. 2,151,399; Mar. 21.

White, Eugene B., Oak Park, Ill. Monolithic cementitious structure. 2,162,872; June 20.

White, Felix L., Dallas, Tex. Machine for making hot tamales and other food products. 2,142,468; Jan. 3.

White, Fitzhugh L., South Norfolk, Va. Steam piston. 2,149,154; Feb. 28.

White, Fitzhugh L., South Norfolk, Va. Valve. 2,179,460; Nov. 7.

White, Francis G., University City, Mo., assignor to Granite City Steel Company, Granite City, Ill. Steel sheet and plate and the manufacture thereof. 2,161,116; June 6.

White, Frank, Bloomfield, N. J. Ladder foot. 2,163,970; June 27.

White, Frank E., Lynn, Mass., assignor of one-half to North American Holding Corporation and one-half to Parshad Holding Corporation, Syracuse, N. Y. Die. 2,175,723; Oct. 10.

White, Frank E., Lynn, Mass., assignor of one-half to North American Holding Corporation, and one-half to Parshad Holding Corporation, Syracuse, N. Y. Tool kit. 2,180,572; Nov. 21.

White, Frank L. (See Brooker, L. G. S., and White.)

White, Frank L., and G. H. Keyes, assignors to Eastman Kodak Company, Rochester, N. Y. Photographic emulsion. 2,166,736; July 18.

White, George S. J. (See Burchill, J., Piggott, and White.)

White, George S. J. (See Mendoza, M., and White.)

White, Gerald, assignor to Libbey-Owens-Ford Glass Company, Toledo, Ohio. Apparatus and method used in tempering glass. 2,146,390; Feb. 7.

White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Suction cleaner. 2,142,810; Jan. 3.

White, Harry B., Canton, assignor to The Hoover Company, North Canton, Ohio. Indicator for suction cleaners. 2,159,112; May 23.

White, Herbert E., San Francisco, Calif., assignor to The E. H. Edwards Company. Open mesh fabric. 2,158,390; May 16.

White, Herbert J., Wayne Township, Passaic County, N. J. Cutting-off machine. 2,165,118; July 4.

White, Howard D., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerator cabinet construction. 2,166,629; July 18.

White, J. J., Manfg. Co. (See Weed, Edward L., assignor.)

White, James A., and D. B. Mecorney, Lockport, N. Y., assignors to General Motors Corporation, Detroit, Mich. Radiator cap. 2,147,727; Feb. 21.

White, James F. (See Taylor, M. C., and White.)

White, Jesse M., Philadelphia, Pa. Terminal for electrical conductors. 2,165,323; July 11.

White, Jesse M., Philadelphia, Pa. Terminal for electrical conductors. 2,175,583; Oct. 10.

White, Joe. (See Critchfield, R. M., and White.)

White, John A., Harlingen, Tex. Fishing reel. 2,150,088; Mar. 7.

White, John A., assignor to J. R. Fitzgerald, Harlingen, Tex. Fishing reel. 2,172,824; Sept. 12.

White, John C., Madison, Wis. Heat exchanger. 2,158,809; May 16.

White, John D., Wichita Falls, Tex. Paint mill. 2,167,700; Aug. 1.

White, John F. (See Wilson, W. S., and White.)

White, John F., Bloomington, Ill. Buffing wheel. 2,167,059; July 25.

White, John F., Medford, Mass., assignor, by mesne assignments, to Monsanto Chemical Company, St. Louis, Mo. Dissolution of ferric sulphate. 2,172,312; Sept. 5.

White, John W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Brake construction. 2,149,651; Mar. 7.

White, John W., Wadsworth, and P. A. Frank and F. J. Shook, Akron, Ohio, assignors to National Standard Company, Niles, Mich. Tire bead construction. 2,149,079; Feb. 28.
White, John W., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,173,601; Sept. 19.
White, John W., assignor to Bendix Products Corporation, South Bend, Ind. Brake. 2,177,469; Oct. 24.
White, John W., assignor to Bendix Products Corporation, South Bend, Ind. Hydraulic transmission. 2,181,754; Nov. 28.
White, Joseph A., Berkeley, Calif. Reinforced interlocking building block. 2,144,823; Jan. 24.
White, Leon T., Painesville, assignor to The Economy Engineering Company, Willoughby, Ohio. Automatic drilling and countersinking machine. 2,165,774; July 11.
White, Loyd J., San Antonio, Tex., assignor to Southern Steel Company. Storage and dispensing system for liquefied gas. 2,166,921; July 18.
White, Loyd J., San Antonio, Tex., assignor to Southern Steel Company. Liquefied gas dispensing system. 2,166,922; July 18.
White, Loyd J., San Antonio, Tex., assignor to Southern Steel Company. Liquefied gas storage and dispensing system. 2,176,829; Oct. 17.
White, Loyd J., San Antonio, Tex., assignor to Southern Steel Company. Liquefied gas dispensing system. 2,177,620; Oct. 24.
White, Lyall B., Wisconsin Rapids, Wis. Oil filter and condition indicator. 2,174,769; Oct. 3.
White Metal Manufacturing Company. (See White, Raymond H., assignor.)
White Metals Manufacturing Company. (See Witte, Paul, assignor.)
White Motor Company, The. (See Kinney, Le Baron W., Jr., assignor.)
White Motor Company, The. (See Perkins, Dow W., assignor.)
White Motor Company, The. (See Spiller, William R., assignor.)
White, Murl A., assignor to Polly Prentiss, Inc., Sumter, S. C. Tufting machine. 2,143,680; Jan. 10.
White, Norman B., Glendale, Calif. Connector. 2,174,811; Oct. 3.
White, Paul W., assignor to Parva Products Company, Chicago, Ill. Buckle. 2,150,407; Mar. 14.
White, Paul W., Waterbury, Conn., assignor to Parva Products Company, Chicago, Ill. Buckle. 2,152,119; Mar. 28.
White, Paul W., assignor to Parva Products Company, Chicago, Ill. Buckle. 2,169,402; Aug. 15.
White, Paul W., and P. Droz, Oakville, Conn., assignors to Parva Products Company, Chicago, Ill. Buckle. 2,177,468; Oct. 24.
White, Ralph E. (See Crawford, O. J., and Brown, assignors.)
White, Raymond H., East Orange, assignor to White Metal Manufacturing Company, Hoboken, N. J. Coating collapsible tubes. 2,152,516; Mar. 28.
White, Raymond T., Philadelphia, Pa. Keyhole cover. 2,159,305; May 23.
White, Raymond T., Philadelphia, Pa. Vacuum cleaner bag. 2,174,730; Oct. 3.
White, Richard J., assignor to American Can Company, New York, N. Y. Container. 2,178,620; Nov. 7.
White, Robert M., Duluth, Minn. Material for conserving moisture in soil. 2,163,860; June 27.
White, Roger, Lynwood, and W. C. Daniels, Huntington Park, Calif.; said Daniels assignor to said White. Fishing rod and ski clamp nad carrier. 2,171,053; Aug. 29.
White, Roy B. (See Blanton, W. B., and White.)
White, S. S., Dental Manufacturing Company, The. (See Stangenberg, J. W. H., (Crowell, and Gross, assignors.)
White, S. S., Dental Manufacturing Company, The. (See Swartz, T. A., and Uhler, assignors.)
White, Samuel O. (See Simpson, J. M., and White.)
White, Samuel O., Muncie, Ind., assignor to Borg-Warner Corporation, Chicago, Ill. Transmission synchronizer. 2,179,568; Nov. 14.
White, Sidney Y., New York, N. Y., assignor to E. H. Loftin, as trustee. Electrical system. 2,152,448; Mar. 28.
White, Sidney Y., assignor to V. S. Johnson, Chicago, Ill. Automatic regulation in radio receivers. 2,165,596; July 11.
White, Spurgeon, Trinity, N. C. Sealing and dispensing cap. 2,173,030; Sept. 12.
White, Stamford, Greenwich, Conn. Shaving cream. 2,148,285; Feb. 21.
White, Stamford, Greenwich, Conn. Shaving cream. 2,148,286; Feb. 21.
White, Thaddeus A. (See Wahlstrom, C. S., and White.)
White, Thomas L. (See Cushwa, C. B., and White.)
White, Thomas L., assignor to The Commercial Shearing and Stamping Company, Youngstown, Ohio. Segment for forming tubular structures. 2,181,509; Nov. 28.
White, W. F. (See Anderson, Harley E., assignor.)
White, Walter E., Montreal, Quebec, Canada, assignor to Western Electric Company, Incorporated, New York, N. Y. Tension control apparatus. 2,146,869; Feb. 14.
White, Wilbur, Salamanca, N. Y. Antenna for radio transmission and reception. 2,142,226; Jan. 3.
White, William, Flint, Mich. Suspension device. 2,166,884; July 18.

White, William D., Algona, Iowa. Store interior construction. 2,163,861; June 27.
White, William M., Milwaukee, Wis. Pump-testing system. 2,172,095; Sept. 5.
White, William P., Glencoe, assignor to White Cap Company, Chicago, Ill. Closure cap. 2,158,683; May 16.
White, William P., Glencoe, assignor to White Cap Company, Chicago, Ill. Closure cap and package. 2,172,825; Sept. 12.
White, William S., Denver, Colo. Flushing valve. 2,183,601; Dec. 19.
White, William W., Pelham, N. Y. Holder for portable electrical appliances. 2,143,529; Jan. 10.
White & Wyckoff Mfg. Co. (See Prentice, George M., assignor.)
Whiteacre-Greer Fireproofing Company, The. (See Estep, Arthur C., assignor.)
White Castle System, Inc. (See Ingram, E. W., and Ray, assignors.)
Whited, Samuel J. B., Shreveport, La. Refrigerating plant. 2,142,163; Jan. 3.
Whiteford, Carlton L., Brooklyn, N. Y. Ski. 2,164,604; July 4.
Whiteford, Carlton L., Brooklyn, N. Y. Projection slide mounting. 2,176,283; Oct. 17.
Whiteford, Carlton L., Brooklyn, N. Y. Shipping and filing box. 2,176,284; Oct. 17.
Whiteford, Thomas, Chelsea, Mass. Control apparatus. 2,149,754; Mar. 7.
Whitehall Patents Corporation. (See Marinsky, Davis, assignor.)
Whitehall Patents Corporation. (See Marinsky, D., and Morin, assignors.)
Whitehall Patents Corporation. (See Morin, Louis H., assignor.)
Whitehall Patents Corporation. (See Morin, L. H., and Marinsky, assignors.)
Whitehead, Alexander G., assignor to Niles-Bement-Pond Company, Hartford, Conn. Hydraulic gear-shifting mechanism. 2,177,011; Oct. 24.
Whitehead, Alexander G., Hartford, and R. R. Raber, West Hartford, Conn., assignors, by mesne assignments, to Niles-Bement-Pond Company, New York, N. Y. Lathe. 2,167,790; Aug. 1.
Whitehead, George E., assignor to Whitehead Switchgear and Inventions Limited, Cardiff, South Wales. Circuit breaker. 2,150,089; Mar. 7.
Whitehead, George E., assignor to Whitehead Switchgear and Inventions Limited, Cardiff, Wales. Circuit breaker having butt contacts. 2,158,920; May 16.
Whitehead & Hoag Company, The. (See Draper, H. W., and Day, assignors.)
Whitehead & Kales Company. (See Judd, Irving H., assignor.)
Whitehead & Kales Company. (See Knapp, L. J., and Neitzel, assignors.)
Whitehead, Richard H., assignor to The New Haven Clock Co., New Haven, Conn. Electric clock. 2,143,293; Jan. 10.
Whitehead, Richard H., assignor to New Haven Clock Company, New Haven, Conn. Electric clock. 2,178,446; Oct. 31.
Whitehead, Richard H., New Haven, and J. F. Langebein, Hamden, assignors to The New Haven Clock Company, New Haven, Conn. Automobile clock. 2,164,976; July 4.
Whitehead Stamping Company. (See Zink, Fred W., assignor.)
Whitehead Switch and Inventions Limited. (See Whitehead, George E., assignor.)
Whitehead Switchgear and Inventions Limited. (See Whitehead, George E., assignor.)
Whitehead, William. (See Dreyfus, C., and Whitehead.)
Whitehead, William. (See Dreyfus, C., Whitehead, and Platt.)
Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Textile material and its preparation. 2,144,354; Jan. 17.
Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Textile material and making same. 2,150,568; Mar. 14.
Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Textile materials and their preparation. 2,150,569; Mar. 14.
Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Textile materials and preparing same. 2,150,570; Mar. 14.
Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Textile materials and preparing same. 2,150,571; Mar. 14.
Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Textile material and making the same. 2,153,358; Apr. 4.
Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Textile yarn and fabric and making same. 2,155,519; Apr. 25.
Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Treating textile materials. 2,159,113; May 23.
Whitehead, William, Cumberland, Md., assignor to Celanese Corporation of America. Cellulose derivatives and preparing same. 2,163,723; June 27.
Whitehorn, Arthur R., assignor to General Railway Signal Company, Rochester, N. Y. Traffic controlling system for railroads. 2,166,083; July 11.

Whitehouse, George T. (See McManeus, Bennett H., assignor.)
Whitehouse, John N., New York, N. Y. Buffing machine. 2,145,961; Feb. 7.
Whitehurst, George D. (See Perry, Judson A., assignor.)
Whitehurst, George W., Portsmouth, Va. Hot water heater. 2,160,994; June 6.
Whitehurst, George W., Portsmouth, Va. Thermostat. 2,168,836; Aug. 8.
Whitehurst, George W., Portsmouth, Va. Safety control and oil leveling valve structure. 2,179,207; Nov. 7.
Whitehurst, George W., Portsmouth, Va. Outlet control valve. 2,185,108; Dec. 26.
Whitelaw, Albert, assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Friction clutch facing. 2,146,518; Feb. 7.
Whitelaw, Albert, assignor to Raybestos-Manhattan, Inc., Passaic, N. J. Friction element and making same. 2,149,483; Mar. 7.
Whiteley, Edward O., San Francisco, Calif. Upholstery stuffing treatment and product. 2,146,870; Feb. 14.
Whiteley, Frank A., Covington, Ky. Air-conditioning appliance. 2,162,394; June 13.
Whiteley, Frank A., Minneapolis, Minn. Method and apparatus for conditioning air. 2,173,405; Sept. 19.
Whiteley, James, Olcott, N. Y. Amusement device. 2,170,935; Aug. 29.
Whiteley, James M., Roselle, N. J., assignor to Standard Oil Development Company. Improving naphtha. 2,146,039; Feb. 7.
Whiteley, James M., Roselle, N. J., assignor to Standard Oil Development Company. Oils of high viscosity index and making the same. 2,165,432; July 11.
Whiteley, James M., Roselle, and G. A. Beiswenger, Elizabeth, N. J., assignors to Standard Oil Development Company. Treatment of heavy hydrocarbon oils with light hydrocarbons. 2,148,716; Feb. 28.
Whiteley, James M., Roselle, and H. G. Vesterdal, Elizabeth, N. J., assignors to Standard Oil Development Company. Separating wax from petrolatum. 2,160,930; June 6.
Whiteley, Joseph W., Hounslow West, assignor to Electric and Musical Industries Limited, Hayes, Middlesex, England. Thermionic valve circuit. 2,144,039; Jan. 17.
Whitelock, Leland D., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Receiving apparatus for communication systems. 2,166,274; July 18.
Whitener, Ernest K., and T. F. Suggs, assignors to Cocker Machine and Foundry Company, Gastonia, N. C. Slasher. 2,142,544; Jan. 3.
Whitescarver, Charles T., assignor to A. C. Fischer, Chicago, Ill. Form clamp. 2,172,461; Sept. 12.
Whiteside, Robert B., Los Angeles, Calif. Firecracker package. 2,142,227; Jan. 3.
Whitfield, Joseph E., Grove City, Pa. Blower. 2,180,377; Nov. 21.
Whitfield, Joseph E., Grove City, Pa. Pump. 2,180,378; Nov. 21.
Whitfield, Joseph E., Grove City, Pa. Material moving apparatus. 2,180,379; Nov. 21.
Whitfield, Marshall G., Knoxville, Tenn., assignor to Reynolds Metals Company, New York, N. Y. Making ductile laminated metal. 2,170,361; Aug. 22.
Whitfield, Marshall G., and V. Sheshunoff, Knoxville, Tenn., assignors to Reynolds Metals Company, New York, N. Y. Coating metal with aluminum or the like. 2,166,510; July 18.
Whitfield, Marshall G., and V. Sheshunoff, Knoxville, Tenn., assignors to Reynolds Metals Company, New York, N. Y. Producing aluminum treated articles of iron. 2,167,701; Aug. 1.
Whitfield, William R., Ames, Iowa. Automatically controlled ventilator. 2,177,194; Oct. 24.
Whitin Machine Works. (See Desrosiers, Lionel, assignor.)
Whitin Machine Works. (See Helland, Sigurd H., assignor.)
Whitin Machine Works. (See Jacques, Walter J., assignor.)
Whitin Machine Works, The. (See Magrath, George H., assignor.)
Whitin Machine Works. (See Mitchell, Harry, assignor.)
Whitin Machine Works. (See Orrell, James E., assignor.)
Whiting Corporation. (See Christie, Hugh K., assignor.)
Whiting Corporation. (See Hinckley, William T., assignor.)
Whiting Corporation. (See Holmes, Louis D., assignor.)
Whiting Corporation. (See Walker, Floyd H., assignor.)
Whiting, Jasper, Dublin, N. H., and P. Wadsworth, Boston, Mass., assignors to Container Patents Corporation, New York, N. Y. Container. Re. 21,229; Oct. 3.
Whiting, John G. (See Beekley, H. L., and Whiting.)
Whiting, Max A., Schenectady, N. Y., and D. W. McLenegan, Caldwell, N. J., assignors to General Electric Company. Power system. 2,157,840; May 9.
Whiting, Norma S., Holyoke, Mass. Doll. 2,143,294; Jan. 10.
Whiting, William A., Chicago, Ill. Vehicular traffic signal. 2,176,285; Oct. 17.
Whitis, Bee, Pikeville, Ky. Releasing device for artificial or natural fishing bait. 2,153,489; Apr. 4.
Whitley, Thomas. (See Jensen, O. M., Whitley, and Wruk.)
Whitlock, Charles P., San Diego, Calif. Tool holder for pneumatic hammers. 2,157,444; May 9.
Whitlock, Kenneth E., Detroit, Mich., assignor, by mesne assignments, to Refrigerated Air Conditioning Corporation. Air cooling apparatus. 2,167,380; July 25.
Whitman, Bradley. (See Schwenk, E., and Whitman.)
Whitman, Bradley. (See Schwenk, E., Whitman, and Fleischer.)
Whitman, Charles F., assignor to Automatic Products Company, Detroit, Mich. Feed tube and pusher. 2,165,912; July 11.
Whitman, Henry L., Los Angeles, Calif. Alloy. 2,144,279; Jan. 17.
Whitman, Henry L., Los Angeles, Calif. Alloy. 2,165,085; July 4.
Whitmer, Earl E., Massillon, Ohio. Tool for separating steel sheets. 2,174,646; Oct. 3.
Whitmore, Edward E., assignor to Adlake Company, Chicago, Ill. Railway car vestibule diaphragm. 2,183,250; Dec. 12.
Whitmore, Frank C., State College, Pa., and A. H. Homeyer, assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Alkyl halides containing a quaternary carbon atom. 2,151,252; Mar. 21.
Whitmore, Frank C., State College, Pa., and M. A. Thorpe, assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Substituted barbituric acids containing quaternary carbon atoms. 2,161,212; June 6.
Whitmore, Frank C., State College, D. M. Jones, Forty Fort, and C. I. Noll, State College, Pa., assignors to Mallinckrodt Chemical Works, St. Louis, Mo. Substituted malonic esters. 2,161,213; June 6.
Whitmore, Harry C., et al. (See Boudreau, Willis J., assignor.)
Whitmyre, Everett, assignor to Roll-A-Book Publishers, Inc., Syracuse, N. Y. Display device. 2,163,523; June 20.
Whitney, Alvin M., Bradford, Pa. Extracting oil from oil sands. 2,148,717; Feb. 28.
Whitney, Baxter D., & Son, Inc. (See Whitney, William M., assignor.)
Whitney Blake Company. (See Brownstein, Arthur, assignor.)
Whitney, Ernest C., Danvers, and J. L. Jones, Billerica, assignors to Stockton Profile Gauge Corporation, Lowell, Mass. Method of and machine for measuring. 2,184,158; Dec. 19.
Whitney, Harry L. (See Treece, J. H., Whitney, and Schneider.)
Whitney, Kenneth E. (See Chappell, R. R., and Whitney.)
Whitney, Kenneth E., Baltimore, and A. G. Decker, Towson, Md., assignors to the Black & Decker Manufacturing Company. Screw and bolt driving and nut running machine. 2,152,517; Mar. 28.
Whitney, Kenneth E., assignor to The Black & Decker Manufacturing Company, Towson, Md. Wheel scale. 2,156,325; May 2.
Whitney, Lyman F., Cambridge, Mass., assignor, by mesne assignments, to Stator Corporation. Thermostatically controlled valve. 2,155,880; Apr. 25.
Whitney, Lyman F., Cambridge, Mass., assignor, by mesne assignments, to Stator Corporation. Condenser arrangement. 2,166,190; July 18.
Whitney, Lyman F., Cambridge, Mass., assignor, by mesne assignments, to Stator Corporation. Shelf arrangement. 2,168,544; Aug. 8.
Whitney, Lyman F., Cambridge, Mass., assignor, by mesne assignments, to Stator Corporation. Aspirator assembly. 2,169,626; Aug. 15.
Whitney, Lyman F., Cambridge, Mass., assignor, by mesne assignments, to Stator Corporation. Refrigeration. 2,174,300; Sept. 26.
Whitney, Lyman F., Cambridge, Mass., assignor, by mesne assignments, to Stator Corporation. Refrigerating system. 2,174,301; Sept. 26.
Whitney, Lyman F., Cambridge, Mass., assignor, by mesne assignments, to Stator Corporation. Combined refrigerating and water heating apparatus. 2,174,302; Sept. 26.
Whitney, Lyman F., Cambridge, Mass., assignor, by mesne assignments, to Stator Corporation. Pumping means in refrigerating systems. 2,174,303; Sept. 26.
Whitney, Lyman F., Cambridge, Mass., assignor, by mesne assignments, to Stator Corporation. Purger arrangement. 2,175,419; Oct. 10.
Whitney, Lyman F., Cambridge, Mass., assignor, by mesne assignments, to Stator Corporation. Refrigerating system. 2,180,447; Nov. 21.
Whitney, Lyman F. and W. E., Cambridge, Mass., assignors, by mesne assignments, to Stator Corporation. Combined refrigerating and water heating apparatus. 2,161,214; June 6.
Whitney, Lyman F. and W. E., Cambridge, Mass., assignors, by mesne assignments, to Stator Corporation. Combined refrigerating and water heating unit and cabinet therefor. 2,174,299; Sept. 26.
Whitney, Maurice P. (See McGrath, W. L., Ferguson, Whitney, and Wertz.)
Whitney, Maurice P., Elmira, N. Y., assignor, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Variable-speed transmission. 2,178,712; Nov. 7.

Whitney, Maurice P., and Y. Sekella, Elmira, N. Y. assignors, by mesne assignments, to Bendix Aviation Corporation, South Bend, Ind. Variable speed transmission. 2,172,780; Sept. 12.
Whitney Metal Tool Company. (See Jensen, John, assignor.)
Whitney, Myron F., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Terminal. 2,145,744; Jan. 31.
Whitney, Paul V., Columbus, Ohio, assignor to The Jeffrey Manufacturing Company. Material handling method. 2,151,253; Mar. 21.
Whitney, Ralph T., Irwin, assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Brake mechanism. 2,148,791; Feb. 28.
Whitney, William E. (See Whitney, Lyman F. and W. E.)
Whitney, William E., Cambridge, Mass. Golf club or the like. 2,159,579; May 23.
Whitney, William E., Cambridge, Mass., assignor, by mesne assignments, to Stator Corporation. Refrigerating system. 2,166,191; July 18.
Whitney, William M., assignor to Baxter D. Whitney & Son, Inc., Winchendon, Mass. Duplex wood shaping machine. 2,142,863; Jan. 3.
Whiton, Lucius E., New London, Conn. Lathe chuck. 2,151,455; Mar. 21.
Whitsett, Robert, assignor to The Gratiot Fixture & Supply Company, Detroit, Mich. Display counter. 2,158,447; May 16.
Whittaker, Lloyed E., assignor to Technicolor Motion Picture Corporation, Hollywood, Calif. Film magazine. 2,152,369; Mar. 28.
Whittaker, William A., Dobbs Ferry, assignor to Anaconda Wire & Cable Company, New York, N. Y. Reel. 2,182,936; Dec. 12.
Whitted, John B. (See Le Fevre, A. W., Farr, Coxon, and Whitted.)
Whitted, John B., Glencoe, assignor to Stewart-Warner Corporation, Chicago, Ill. Electric fuel pump. 2,169,827; Aug. 15.
Whitted, John B., Glencoe, assignor to Stewart-Warner Corporation, Chicago, Ill. Electric fuel pump. 2,169,862; Aug. 15.
Whittemore, Charles H., Elizabeth, N. J. Tablet making machine. 2,166,192; July 18.
Whittemore, George S., Somersworth, N. H. Spinning, twisting, and analogous machines. 2,160,010; May 30.
Whittemore, Herbert L., Washington, D. C. Gauge. 2,177,605; Oct. 24.
Whittemore, Russell G., Brackenridge, assignor to Pittsburgh Plate Glass Company, Allegheny County, Pa. Treating laminated glass. 2,156,714; May 2.
Whittemore, Winthrop C., assignor to The Dentists' Supply Company of New York, New York, N. Y. Pontic tooth. 2,151,542; Mar. 21.
Whitten, James L. (See MacConville, J. E., Cockley, and Whitten.)
Whitticar, Curtis, Philadelphia, Pa. Head mirror. 2,149,652; Mar. 7.
Whittier, Charlton P. (See Hohl, J., and Whittier.)
Whittier, Earle O. (See Gould, S. P., and Whittier.)
Whittington, Frederick G., Toledo, Ohio. Switch. 2,154,796; Apr. 18.
Whittington, Ralph S., Springfield, Mass., assignor to Bendix Products Corporation, South Bend, Ind. Automatic control of clutch and throttle actuation of automotive vehicles. 2,152,120; Mar. 28.
Whittington, Ralph S., Springfield, Mass., assignor to Bendix Products Corporation, South Bend, Ind. Automatic control of clutch and throttle actuation of an automotive vehicle. 2,152,121; Mar. 28.
Whittington, Ralph S., Springfield, Mass., assignor to Bendix Corporation, South Bend, Ind. Automatic control of clutch and throttle actuation of an automotive vehicle. 2,163,903; June 27.
Whittington, Ralph S., Detroit, Mich., assignor to Bendix Products Corporation, South Bend, Ind. Automatic clutch operating device. 2,175,235; Oct. 10.
Whittle, Frank, Trumpington, England. Propulsion of aircraft and gas turbines. 2,168,726; Aug. 8.
Whittle, Horace, Maplewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Carrier and speech transmission system. 2,151,173; Mar. 21.
Whittlesey, Ralph E., Los Angeles, Calif. Pump jack. 2,170,313; Aug. 22.
Whittlesey, Willis S., Litchfield, Conn., assignor to Miller-Craven, Inc., New York, N. Y. Check book. 2,152,449; Mar. 28.
Whittome, A. C., Limited. (See Whittome, A. C., and Boardman, assignors.)
Whittome, Arthur C., Johannesburg, Transvaal, and C. Boardman, Springs, Transvaal, assignors to A. C. Whittome (Proprietary) Limited, Johannesburg, Transvaal, Union of South Africa. Rotary pumping apparatus. 2,181,677; Nov. 28.
Whitwell, Arthur, assignor to The Emerson Optical & Mfg. Co. Ltd., London, England. Optical instrument. 2,168,637; Aug. 8.
Whritenour, Edward, Haledon, N. J. Engine. 2,182,269; Dec. 5.
Whyman, Frank, Timperley, England, assignor to General Electric Company. Electric motor control system. 2,176,728; Oct. 17.
Whyte, Daniel D. (See Kayn, S. F., and Whyte.)
Whyte, John. (See Gerhardt, A. H., and Whyte.)
Whyte, John, assignor to Electric Household Utilities Corporation, Chicago, Ill. Supporting leg structure. 2,143,177; Jan. 10.
Whyte, John, Chicago, and A. W. Molinare, Oak Park, assignors to Electric Household Utilities Corporation, Chicago, Ill. Washing machine. 2,172,632; Sept. 12.
Whyte, William C., assignor to Cortland Line Company, Inc., Cortland, N. Y. Coloring of bent wood products. 2,147,587; Feb. 14.
Wibert, Frans M., Filipstad, Sweden, assignor to Det norske Aktieselskab for Elektrokemisk Industri, Oslo, Norway. Reducing ore, particularly iron ore. 2,182,009; Dec. 5.
Wicaco Machine Corporation. (See Laird, Joseph P., assignor.)
Wichart, William F., Los Angeles, Calif. Determining "Wow". 2,157,445; May 9.
Wick, Georg, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Shaping polyvinylchloride. 2,167,441; July 25.
Wickenden, Leonard. (See Wadsworth, D. V., and Wickenden.)
Wickenden, Leonard, Manhasset, and W. Baptiste, Brooklyn, assignors to Beau May Process Corporation, New York, N. Y. Food product. 2,163,164; June 20.
Wickens, Edward F. (See Hart, D. W., and Wickens.)
Wicker, Charles A., Selma, Ala. Tandem wheel construction for vehicles. 2,144,435; Jan. 17.
Wickersham, Charles L. (See Gates, Rupert G., assignor.)
Wickersham, Elmer E., San Leandro, Calif. Electromagnetic core construction and making same. 2,143,811; Jan. 10.
Wickersham, Elmer E., San Leandro, Calif. Tuned circuit. 2,143,812; Jan. 10.
Wickersham, Newton W., Whittier, Calif., assignor to Perkins Cementing, Inc. Top cementing plug. 2,165,433; July 11.
Wickham, Alfred. (See Nichols, Charles H., assignor.)
Wickliffe, John K., assignor to Industrial Patents Corporation, Chicago, Ill. Attachment for carton stitching machines. 2,182,189; Dec. 5.
Wicklund, Sanford, Whittier, Calif., assignor to Continental Can Company, Inc., New York, N. Y. Supporting and feeding can ends or the like. 2,183,029; Dec. 19.
Wicklund, Vern C. (See Brugeson, Gunnar E., and H. W., and Wicklund.)
Wickman, A. C., Limited. (See Gregory, Dennis, assignor.)
Wicks, John. (See Mahoney, H. P., and Wicks.)
Wicks, John, Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,143,589; Jan. 10.
Wicks, John, Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone system. 2,155,176; Apr. 18.
Wicks, John, Oak Park, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Call distributing system. 2,167,733; Aug. 1.
Wicks, John D., Providence, R. I., J. D. Condon, Pittsburgh, Pa., and F. H. Franklin, Providence, R. I., assignors to Fleming Manufacturing Company. Filter appliance. 2,143,044; Jan. 10.
Wicks, Mildred I., Ventnor, N. J., assignor of one-half to I. P. Eisenberg, Brooklyn, N. Y. Cocktail cuff. 2,143,045; Jan. 10.
Wickwire, Arthur M., Jr., Mountain Lakes, assignor to Chambon Corporation, Garfield, N. J. Wiping mechanism for intaglio printing presses. 2,180,785; Nov. 21.
Wico Electric Company. (See Louis, Terrence G., assignor.)
Widder, Eleanor, Forest Hills Gardens, Long Island, N. Y. Pressing iron for velvet and the like. 2,166,332; July 18.
Widdis, Albert L., Harrisville, Mich. Airplane propelling means. 2,145,034; Jan. 24.
Widegren, Oscar A. (See Larsson, John A., assignor.)
Widell, Emil G., Bloomfield, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Cathode for electron discharge devices. 2,179,110; Nov. 7.
Widell, Magnus E., Cincinnati, Ohio, assignor to American Can Company, New York, N. Y. Can-body maker. 2,169,311; Aug. 15.
Widell, Nils, Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., Dover, Del. Refrigeration. 2,181,221; Nov. 28.
Widell, Nils, Stockholm, Sweden, assignor, by mesne assignments, to Servel, Inc., New York, N. Y. Refrigeration. 2,181,528; Nov. 28.
Wideroe, Marshall S., Northbrook, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Lighting construction. 2,170,882; Aug. 29.
Wide World Photos, Inc. (See Cooley, Austin G., assignor.)
Widger, Arthur W., et al. (See Norman, Joseph T., assignor.)
Widgery, Jack, et al., executors. (See Stewart, James G.)
Widgery, Mary, et al., executors. (See Stewart, James G.)

Widlund, Georg. (See Stromberg, Nils G., assignor.)
Widman, Charles H., Detroit, Mich., assignor to The Murray Corporation of America. Forming vehicle doors and molding therefor. 2,154,596; Apr. 18.
Widman, Charles H., assignor to The Murray Corporation of America, Detroit, Mich. Weather strip. 2,161,648; June 6.
Widman, Charles H., assignor to The Murray Corporation of America, Detroit, Mich. Forming vehicle doors. 2,176,192; Oct. 17.
Widman, Joseph, Los Angeles, Calif. Adjustable float valve for oil burners. 2,172,647; Sept. 12.
Widmann, Hugo. (See Eisenhut, O., Rein, and Widmann.)
Widmer, Gustave. (See Landolt, A., Widmer, and Benz.)
Widmer, Gustave, Basel, W. Fisch, Riehen, and J. Jakl, assignors to the firm of Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of aminotriazines. 2,161,940; June 13.
Widmer, Gustav, Basel, and R. Haller, A. Landolt, and A. Schürch, Riehen, assignors to the firm Society of Chemical Industry in Basle, Basel, Switzerland. Fixing dyestuffs on substrata. 2,169,546; Aug. 15.
Widmer, Gustave, Basel, and W. Fisch, Riehen, near Basel, assignors to Society of Chemical Industry in Basle, Basel, Switzerland. Manufacture of aminotriazines. 2,170,491; Aug. 22.
Widmer, Willi. (See Straub, F., and Widmer.)
Widoe, Frederick, Sr., Omaha, Nebr. Forming dentures. 2,165,597; July 11.
Wiebe, Harry H., Minneapolis, Minn. Doorknob. 2,149,375; Mar. 7.
Wiebicke, Paul, Nuremberg, Germany. Fuel-injection plug-nozzle for Diesel motors. 2,183,284; Dec. 12.
Wiebke, August. (See Marvin, Ralph J., assignor.)
Wiebrecht, William L., Detroit, Mich. Transmission. 2,150,408; Mar. 14.
Wiebusch, Charles F. (See Vieth, L., Wiebusch, and Yenzer.)
Wiebusch, Charles F., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Amplifying system. 2,162,986; June 20.
Wieck, Anna C., Corvallis, Oreg. Sewing and mending machine. 2,179,770; Nov. 14.
Wied, Ernst G., Karlsbad, Czechoslovakia. Sliding fastener. 2,142,770; Jan. 3.
Wiedenbrauer, Alois. (See Van Cleave, Edwin E., assignor.)
Wiederkehr, Hans, Wohlen, assignor to the Firm Fischer & Süffert, Basel, Switzerland. Veneering press. 2,151,880; Mar. 28.
Wiedman, Edward L., Tonawanda, N. Y. Trailer support. 2,144,303; Jan. 17.
Wiedmann, Ernst, assignor to The Oilgear Company, Milwaukee, Wis. Control for hydrodynamic machines. 2,179,071; Nov. 7.
Wiegand, Albert P., assignor, by mesne assignments, to E. L. Wiegand, Pittsburgh, Pa. Heating means. 2,170,175; Aug. 22.
Wiegand, Carl, Seattle, Wash. Tire inflation control system. 2,146,102; Feb. 7.
Wiegand, Edwin L. (See Calhoun, Ernest N., assignor.)
Wiegand, Edwin L. (See Wiegand, Albert P., assignor.)
Wiegand, Edwin L., Pittsburgh, Pa. Heating unit and making the same. 2,158,600; May 16.
Wiegand, Edwin L., Pittsburgh, Pa. Electrical heating apparatus and making the same. 2,158,601; May 16.
Wiegand, Edwin L., Pittsburgh, Pa. Heating apparatus. 2,158,605; May 16.
Wiegand, Edwin L., Pittsburgh, Pa. Electric resistance heating element. 2,170,174; Aug. 22.
Wiegand, Edwin L., Pittsburgh, Pa. Heating means. 2,170,176; Aug. 22.
Wiegand, Edwin L., Pittsburgh, Pa. Heating means. 2,178,823; Nov. 7.
Wiegand, Edwin L., and E. N. Calhoun, assignors, by mesne assignments, to E. L. Wiegand, Pittsburgh, Pa. Heating means. 2,145,564; Jan. 31.
Wiegand, Edwin L., and O. R. Olson, Pittsburgh, Pa.; said Olson assignor to said Wiegand. Calcining furnace and heating means therefor. 2,150,532; Mar. 14.
Wiegand, Edwin L., and O. R. Olson, Pittsburgh, Pa.; said Olson assignor to said Wiegand. Producing combustion. 2,150,533; Mar. 14.
Wiegand, Edwin L., and O. R. Olson, Pittsburgh, Pa.; said Olson assignor to said Wiegand. Heat treating flowable material. 2,150,534; Mar. 14.
Wiegand, Erich, Berlin-Waidmannlust, assignor to Allgemeine Elektricitats Gesellschaft, Berlin, Germany. Cathode for electron discharge devices. 2,171,249; Aug. 29.
Wiegand, Frank C. (See Mack, Harry C., assignor.)
Wiegand, Georg, assignor to the firm Chemische Fabrik Grünau, Landshoff & Meyer A. G. Berlin-Grunau, Germany. Reducing the felting properties of wool or other fibrous substances of animal origin. 2,144,824; Jan. 24.
Wiegand, Kurt. (See Alterthum, H., Lompe, and Wiegand.)
Wiegand, Kurt, Berlin-Hohen-Neuendorf, Germany, assignor to General Electric Company. Luminous symbol for advertising purposes. 2,163,442; June 20.
Wiegand, William B., Old Greenwich, Conn., assignor to Columbian Carbon Company, New York, N. Y. Carbon black. 2,178,382; Oct. 31.
Wiegand, William B., Old Greenwich, Conn., assignor to Columbian Carbon Company, New York, N. Y. Carbon black. 2,178,383; Oct. 31.
Wiegman, Clarence H. (See Hoffman, S. K., and Wiegman.)
Wiegman, Floyd A., Chicago, Ill. Method of and means for folding wearing apparel. 2,152,940; Apr. 4.
Wieking, William C. (See Lundquist, A., Freeman, and Wieking.)
Wieking, William C., assignor to R. Hoe & Co., Inc., New York, N. Y. Web roll control mechanism for printing machines. 2,155,431; Apr. 25.
Wieland, Georg, Berlin-Lichterfelde, Germany. Process and device for producing expansion joints in concrete. 2,172,042; Sept. 5.
Wienand, Fritz, Buchschlag, Hessen, Germany. Tie holder. 2,179,771; Nov. 14.
Wienecke, Bruno, Berlin, assignor to Radioaktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Tube for short waves. 2,152,830; Apr. 4.
Wienecke, Bruno, Berlin, assignor to Radio-aktiengesellschaft D. S. Loewe, Berlin-Steglitz, Germany. Braun tube. 2,163,210; June 20.
Wienke, Emil J., assignor to Motiograph, Inc., Chicago, Ill. Projector stand. 2,170,466; Aug. 22.
Wiener, Irving L. (See Harrison, Harry P., assignor.)
Wiener, John A., Oswego, and F. A. Bromley, New Rochelle, assignors to Johns-Manville Corporation, New York, N. Y. Making decorative fiberboard. 2,146,871; Feb. 14.
Wieners, Franz. (See Mieg, W., Wieners, and Burneleit.)
Wienert, Fritz, Stassfurt, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Producing magnesium oxychloride. 2,163,819; June 27.
Wienert, Fritz, Bitterfeld, Germany, assignor, by mesne assignments, to Magnesium Development Corporation. Production of magnesium hydroxide. 2,178,983; Nov. 7.
Wienke, Emil J., assignor to Motiograph, Inc., Chicago, Ill. Exciter lamp and sound slit lens mounting for projectors. 2,146,785; July 14.
Wier, Charlie B., Pineville, La. Device for milking machines. 2,184,761; Dec. 26.
Wiese, George W., assignor to L. O. Wiese, Eau Claire, Wis. Roof seaming tool. 2,143,339; Jan. 10.
Wiese, Lloyd O. (See Wiese, George W., assignor.)
Wiese, William, Cleveland, Ohio. Airship. 2,157,045; May 2.
Wiesenthal, Walter E., Wilson, assignor to The F. Wyatt Mfg. Co., Inc., Salina, Kans. Soil tilling device. 2,146,492; Feb. 7.
Wieslander, Daniel H., Portland, Maine. Reconstructing and reinforcing plastered ceilings and the like. 2,162,658; June 13.
Wiesmann, Clemens. (See Horlbeck, A., and Wiesmann.)
Wiessing, George E. J. (See van der Waals, H. G., and Wiessing.)
Wiessner, Alfred. (See Hahnemann, W. M., and Wiessner.)
Wiessner, Alfred, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Filter for separating high frequencies from low frequencies. 2,144,950; Jan. 24.
Wiessner, Alfred, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Loudspeaker arrangement. 2,164,977; July 4.
Wiessner, Alfred, Berlin, assignor to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Signal transmission system. 2,184,826; Dec. 26.
Wiessner, Christopher, assignor to Durametallic Corporation, Kalamazoo, Mich. Facing tool for stuffing boxes and the like. 2,157,375; May 9.
Wiessner, Kurt, Vienna, Austria. Shoe sole. 2,174,647; Oct. 3.
Wietzel, Gustav. (See Lieseberg, F., and Wietzel.)
Wietzel, Karl F. (See Reed, E., and Wietzel.)
Wiezevich, Peter J., Elizabeth, N. J., now by judicial change of name to P. J. Gaylor, assignor to Standard Oil Development Company. Plasticized synthetic rubber composition. 2,160,995; June 6.
Wiezevich, Peter J., Elizabeth, N. J., now by judicial change of name to P. J. Gaylor, assignor to Standard Oil Development Company. Plasticized synthetic rubber composition. 2,160,996; June 6.
Wiezevich, Peter J., Elizabeth, N. J., now by judicial change of name to P. J. Gaylor, assignor to Standard Oil Development Company. Plasticized synthetic rubber composition. 2,160,997; June 6.
Wiezevich, Peter J., Elizabeth, N. J., now by judicial change of name P. J. Gaylor, assignor to Standard Oil Development Company. Elastic fiber. 2,170,439; Aug. 22.
Wiezevich, Peter J., Elizabeth, N. J., now by judicial change of name to Peter J. Gaylor, assignor to Standard Oil Development Company. Combination cracking and polymerization. 2,174,024; Sept. 26.
Wiezevich, Peter J., Elizabeth, N. J., now by judicial change of name Peter J. Gaylor, assignor to Standard Oil Development Company. Processing hydrocarbon oils. 2,176,234; Oct. 17.
Wiezevich, Peter J., Elizabeth, N. J., now by judicial change of name to P. J. Gaylor, assignor to Standard Oil Development Company. Voltolization of mineral oils and products thereof. 2,178,769; Nov. 7.

Wiezevich, Peter J., Elizabeth, N. J., now by judicial change of name to P. J. Gaylor, assignor to Standard Oil Development Company. Plasticized synthetic rubber composition. 2,184,966; Dec. 26.

Wiezevich, Peter J., and J. I. Wasson, Elizabeth, N. J.; said Wiezevich, now by judicial change of name to P. J. Gaylor; assignors to Standard Oil Development Company. Stable blended oil. 2,165,324; July 11.

Wiezevich, Peter J., New York, N. Y., and R. Rosen, Elizabeth, N. J.; said Wiezevich by judicial change of name to P. J. Gaylor; assignors to Standard Oil Development Company. Esterifying polymerized olefines. 2,166,981; July 25.

Wigal, Voorhis F., New England, W. Va. Gyroscopic toy. 2,173,031; Sept. 12.

Wiget, Georg, assignor to Societe Anonyme Adolphe Saurer, Arbon, Switzerland. Loom. 2,159,828; May 23.

Wiget, Georg, assignor to Societe Anonyme Adolphe Saurer, Arbon, Switzerland. Loom. 2,182,103; Dec. 5.

Wigg, William, North Finchley, London, England, assignor to Lanston Monotype Machine Company, Philadelphia, Pa. Production of machine-set-type composition. 2,159,492; May 23.

Wiggam, David R., Kennett Square, Pa., assignor to Hercules Powder Company, Wilmington, Del. Pigment chip composition. 2,184,539; Dec. 26.

Wiggenhorn, Guido J., South Pasadena, Calif. Water cooler. 2,157,446; May 9.

Wiggins, Edward J. (See Nicoud, C. S., and Wiggins.)

Wiggins, Eugene I., Flint, Mich. Radio antenna for automobiles. 2,160,047; May 30.

Wiggins, John H., Chicago, Ill. Gas and/or liquid storage apparatus. 2,149,376; Mar. 7.

Wiggins, John H., Chicago, Ill. Gauging apparatus for liquid containers. 2,157,196; May 9.

Wiggins, John H., and D. E. Larson, Chicago, Ill., assignors of one-half to said Wiggins and one-half to Chicago Bridge & Iron Company. Control mechanism for gas and liquid storage apparatus. 2,168,891; Aug. 8.

Wiggs, James W. (See Hensel, F. R., Emmert, and Wiggs.)

Wight, Darahl A., Lansing, Mich. Tow and push clamp. 2,150,999; Mar. 21.

Wight, Francis J., Springfield, Ohio. Safety belt. 2,149,803; Mar. 7.

Wight, Sedgwick N., assignor to General Railway Signal Company, Rochester, N. Y. Interlocking system for railroads. 2,150,868; Mar. 14.

Wigley, Arthur, Burbage, England. Knitting machine. 2,178,317; Oct. 31.

Wigzell, Alden, et al. (See Wigzell, Charles H., assignor.)

Wigzell, Charles H., assignor of two-eighths to J. C. Wigzell, one-eighth to R. Wigzell, and one-eighth to A. Wigzell, Big Lake, Tex. Windmill. 2,158,606; May 16.

Wigzell, Charles H., assignor of two-eighths to J. C. Wigzell, one-eighth to R. Wigzell, and one-eighth to A. Wigzell, Big Lake, Tex. Windmill wheel. 2,172,721; Sept. 12.

Wigzell, J. C., et al. (See Wigzell, Charles H., assignor.)

Wigzell, Ralph, et al. (See Wigzell, Charles H., assignor.)

Wik, Simon N. (See Bent, F. A., Millar, and Wik.)

Wikander, Gustavus A., Portland, Oreg. Animal comb. 2,156,416; May 2.

Wiken, Ralph. (See Schmitter, W. P., and Wiken.)

Wikkenhauser, Gustav, and J. Sieger, Kensington, London, England. Light modulating device. 2,153,490; Apr. 4.

Wikle, George F., Detroit, Mich., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Tire-slitting machine. 2,158,167; May 16.

Wikle, George F., Detroit, Mich., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Tire stitching apparatus. 2,161,117; June 6.

Wikle, George F., Detroit, Mich., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Apparatus for slitting tire treads. 2,167,017; July 25.

Wikle, George F., Detroit, Mich., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Device for slitting tire treads. 2,183,376; Dec. 12.

Wilber, Harold E., assignor to Continental Motors Corporation, Detroit, Mich. Motor control system. 2,144,445; Jan. 17.

Wilber, Harold E., assignor, by mesne assignments, to Reconstruction Finance Corporation, Detroit, Mich. Constant voltage generator. 2,180,327; Nov. 14.

Wilber, Paul F., Richland, N. Y. Phonograph record changing apparatus. 2,148,250; Feb. 21.

Wilber, Thomas S., Linden, N. J. Clothesline support. 2,164,437; July 4.

Wilberz, Johannes, Hilden, assignor to Deutsche Eisenwerke Aktiengesellschaft, Mulheim-on-the-Ruhr, Germany. Operating cupola shaft furnaces. 2,146,872; Feb. 14.

Wilbor, Oscar J. (See Guthrie, R. G., and Wilbor.)

Wilbur, Donald A., Troy, N. Y. Apparatus for and method of reducing distortion in the reception of electromagnetic waves. 2,179,872; Nov. 14.

Wilbur, Donald A., Troy, assignor to American Industrial Research, Inc., Albany, N. Y. Electrical wave receiving system. 2,183,232; Dec. 12.

Wilbur, Lawrence S., Evanston, assignor to Mohawk Equipment Corporation, Chicago, Ill. Saw. 2,175,497; Oct. 10.

Wilbur, Paul C., San Jose, Calif. Dried fruit process. 2,143,903; Jan. 17.

Wilbur, Ralph H. (See Lane, John D., assignor.)

Wilbur, Ralph H., Melrose, Mass. Tie band. 2,173,989; Sept. 26.

Wilbur, Scott I., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Closure. 2,155,574; Apr. 25.

Wilbur, Walter H., Mesa, Ariz. Air conditioning apparatus. 2,147,475; Feb. 14.

Wilbur, William K., Bluefield, W. Va., assignor to Portable Lamp & Equipment Company, Pittsburgh, Pa. Safety mine lamp. 2,165,194; July 4.

Wilbur, William K., Bluefield, W. Va., and George C. Nelms, assignors to Portable Lamp & Equipment Company, Pittsburgh, Pa. Safety electric mine lamp. 2,165,193; July 4.

Wilburn, Frank. (See de Witt, H., and Wilburn.)

Wilby, Edward W. (See Kimball, C. N., and Wilby.)

Wilcolator Company, The. (See Waddell, Benson F., assignor.)

Wilcox, Albert C., Monaca, Pa. Automatic electric drip coffee maker. 2,143,046; Jan. 10.

Wilcox, Albert C., Massillon, Ohio, assignor to Federal Enameling & Stamping Company, McKees Rocks, Pa. Automatic electric cooking utensil. 2,152,122; Mar. 28.

Wilcox, Burr C., Dundee, assignor to A. J. Sabath, Chicago, Ill. Load transferring and aligning device. 2,158,953; May 16.

Wilcox, Burton L. (See Prickett, C. W., and Wilcox.)

Wilcox, Edgar M., Chicago, Ill. Track skate. 2,170,523; Aug. 22.

Wilcox, Edson B., Meriden, Conn. Directional signal for vehicles. 2,177,012; Oct. 24.

Wilcox, Harry A., Bronxville, and J. L. Barker, Pleasantville, assignors to Automatic Signal Corporation, New York, N. Y. Traffic control system and apparatus. 2,156,138; Apr. 25.

Wilcox, Harry A., Bronxville, assignor to Automatic Signal Corporation, New York, N. Y. Traffic actuated control system and apparatus. 2,183,780; Dec. 19.

Wilcox Heat Machine Company. (See Wilcox, Roland E. and M., assignors.)

Wilcox, Hugh B. (See Hartig, Henry E., assignor.)

Wilcox, Isaac L., assignor to Oswego Falls Corporation, Fulton, N. Y. Machine for forming liner bags for containers. 2,152,941; Apr. 4.

Wilcox, Isaac L., assignor to Oswego Falls Corporation, Fulton, N. Y. Container. 2,158,448; May 16.

Wilcox, Isaac L., assignor to Oswego Falls Corporation, Fulton, N. Y. Bottle cap. 2,176,317; Oct. 17.

Wilcox, John F., assignor to Superior Products Manufacturing Company, Minneapolis, Minn. Beer tap. 2,145,702; Jan. 31.

Wilcox Karl K. (See O'Toole, E., Jr., and Wilcox.)

Wilcox, Merton. (See Wilcox, Roland E. and M.)

Wilcox, Robert C., near Flint, Mich. Fishline and making same. 2,164,296; June 27.

Wilcox, Roland E., Chicago, and M. Wilcox, Palatine, assignors to Wilcox Heat Machine Company, Chicago, Ill. Oil burner. 2,159,414; May 23.

Wilcoxson, Leslie S. (See Tomlinson, G. H., and Wilcoxson.)

Wilcoxson, Leslie S., Ridgewood, and F. G. Ely, Chatham, assignors to The Babcock & Wilcox Company, Newark, N. J. Spray nozzle. 2,161,111; June 6.

Wilczek, Ludwic A. (See Seklehner, Viktor, assignor.)

Wild, Edward. (See Slye, E. A., Wild, Hoye, and Spaunburg.)

Wild, Edward. (See Spaunburg, H. L., and Wild, Edward and O., Jr.

Wild, Heinrich, Romerburg, Baden, Switzerland. Telescope comprising two refracting and one reflecting systems. 2,166,102; July 18.

Wild, Otto, Jr. (See Spaunburg, H. L., and Wild, Edward and O., Jr.)

Wilde, Walter J., Spanish Fork, Utah. Warning signal. 2,158,449; May 16.

Wilder, Forrest A., and L. E. Reagan, Compton, Calif. Dispensing cap. 2,177,161; Oct. 24.

Wilder, George H., Arlington, N. J., assignor, by mesne assignments, to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of resins. 2,146,276; Feb. 7.

Wilder, Harold F., Bloomfield, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Local correction of cable signals. 2,173,740; Sept. 19.

Wilder, Marshall P. (See Welch, J. C., and Wilder.)

Wildermann, Rudolf, New York, N. Y., assignor, by mesne assignments, to The Food Dispenser Company, Hartford, Conn. Dispenser. 2,169,778; Aug. 15.

Wildhaber, Ernest, Irondequoit, assignor to Gleason Works, Rochester, N. Y. Machine for generating gears. 2,145,000; Jan. 24.

Wildhaber, Ernest, Irondequoit, assignor to Gleason Works, Rochester, N. Y. Method of and machine for grinding gears. 2,164,978; July 4.

Wildhaber, Ernest, Brighton, assignor to Gleason Works, Rochester, N. Y. Gear. 2,183,285; Dec. 12.

Wildhaber, Ernest, Irondequoit, assignor to Gleason Works, Rochester, N. Y. Method and apparatus for grinding gears. 2,183,759; Dec. 19.

Wildman, Harry F., Orlando, Fla.; V. Y. Wildman, executor of the estate of said H. F. Wildman, deceased. Shingle and roofing. 2,184,328; Dec. 26.
Wildman, Vincent Y., executor. (See Wildman, Harry F.)
Wildon, Thomas D., Reading, assignor to P. K. Guillow, Wakefield, Mass. Toy airplane. 2,163,075; June 20.
Wildt and Company Limited. (See Holmes, Henry H., assignor.)
Wildt and Company Limited. (See Kent, A. W., and Holmes, assignors.)
Wildt and Company Limited. (See Leedham, Leslie H., assignor.)
Wile, Daniel D. (See Dillman, E. J., and Wile.)
Wile, Daniel D., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,152,781; Apr. 4.
Wile, Daniel D., assignor to Detroit Lubricator Company, Detroit, Mich. Control device. 2,168,545; Aug. 8.
Wile, Daniel D., assignor to Detroit Lubricator Company, Detroit, Mich. Refrigerating apparatus. 2,177,852; Oct. 31.
Wile, Daniel D., assignor to Detroit Lubricator Company, Detroit, Mich. Valve structure. 2,183,207; Dec. 12.
Wilen, Charles H., and A. Kramarenko, Nice, France. Underwater goggles. 2,182,104; Dec. 5.
Wiley, Allen D., and W. H. Franzmann, assignors to The American Rolling Mill Company, Middletown, Ohio. Universal welding head. 2,160,048; May 30.
Wiley, Clarence F., Norton, assignor to Glenwood Range Company, Taunton, Mass. Stove door assembly. 2,180,573; Nov. 21.
Wiley, Esmond F., assignor to Universal Window Company, Berkeley, Calif. Multiple sash window hardware. 2,158,714; May 16.
Wiley, John M. (See Redell, W. A., and Wiley.)
Wiley, Lee M., Marion, Ind., assignor to Delta Electric Company. Electric lantern. 2,171,349; Aug. 29.
Wiley, Ralph M. (See Reilly, J. H., and Wiley.)
Wiley, Ralph M., assignor to The Dow Chemical Company, Midland, Mich. Co-polymerization products 2,160,931; June 6.
Wiley, Ralph M., assignor to The Dow Chemical Company, Midland, Mich. Co-polymers of vinylidene chloride. 2,160,932; June 6.
Wiley, Ralph M., assignor to The Dow Chemical Company, Midland, Mich. Polymerization of vinylidene halides. 2,160,933; June 6.
Wiley, Ralph M., assignor to The Dow Chemical Company, Midland, Mich. Polymerization of vinylidene chlorides. 2,160,934; June 6.
Wiley, Ralph M., assignor to The Dow Chemical Company, Midland, Mich. Polymerization of vinylidene halides. 2,160,935; June 6.
Wiley, Ralph M., assignor to The Dow Chemical Company, Midland, Mich. Co-polymers of vinylidene chloride. 2,160,945; June 6.
Wiley, Ralph M., assignor to The Dow Chemical Company, Midland, Mich. Fabricating vinylidene chloride polymers. 2,183,602; Dec. 19.
Wiley, Ralph M., F. N. Alquist, and H. R. Slagh, assignors to The Dow Chemical Company, Midland, Mich. Vinylidene chloride polymeric compositions. 2,160,948; June 6.
Wiley, Robert D. (See Hill, R. M., and Wiley.)
Wiley, Wallace K., Buffalo, assignor, by mesne assignments, to L. V. Whistler, Kenmore, N. Y. Apparatus for deforming sheet material. 2,156,889; May 2.
Wiley, William R., Detroit, Mich. Clip. 2,142,429; Jan. 3.
Wiley, William R., Detroit, Mich. Clip. 2,148,847; Feb. 28.
Wiley, William R., Detroit, Mich. Clip. 2,148,848; Feb. 28.
Wiley, William R., Phoenix, Ariz. Clip. 2,179,582; Nov. 14.
Wilfart, Maurice, Paris, France, assignor to General Electric Company. Synchronizing apparatus. 2,166,833; July 18.
Wilford, Edward B. (See Daland, Elliot, assignor.)
Wilford, Edward B., Merion, Pa. Aircraft. Re. 21,306; Dec. 19.
Wilford, Edward B., Merion, Pa. Watercraft. 2,152,983; Apr. 4.
Wilford, Edward B., Merion, Pa. Watercraft. 2,152,984; Apr. 4.
Wilford, Edward B., Merion, and A. Herzog, Penn Valley; said Herzog assignor to said Wilford. Aircraft. 2,155,881; Apr. 25.
Wilhelm, Charles, Philadelphia, Pa. Engraver's shading board. 2,150,855; Mar. 14.
Wilhelm, Henry A., Milwaukee, Wis., assignor to Square D Company, Detroit, Mich. Timing relay. 2,158,346; May 16.
Wilhelm, James M., Marietta, Ohio. Electrically controlled lock. 2,149,695; Mar. 7.
Wilhelm, John H., Hamilton Beach, N. Y., assignor, by mesne assignments, to Voices, Incorporated, Newark, N. J. Toy. 2,147,181; Feb. 14.
Wilhelm, John H., Hamilton Beach, assignor to Voices, Incorporated, New York, N. Y. Doll voice and mounting for same. 2,151,456; Mar. 21.
Wilhelm, Karl. (See Ewald, W. F., and Wilhelm.)
Wilhelm, Karl. (See Ewald, W. F., Wilhelm, Pitsch, and Tüxen.)
Wilhelm, Karl, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Aperiodic coupling device. 2,157,582; May 9.
Wilhelm, Karl, Berlin-Tempelhof, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Tuning indicator circuit. 2,164,979; July 4.
Wilhelm, Karl, Berlin-Tempelhof, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Capacitive coupling arrangement. 2,183,632; Dec. 19
Wilhelm, Theodor, Zurich, Switzerland. Cooling plant. 2,160,184; May 30.
Wilke, Fritz. (See Schupp, P., and Wilke.)
Wilkening, Frederick W., Narberth, Pa. Piston ring. 2,148,518; Feb. 28.
Wilkening, Frederick W., Narberth, Pa. Piston ring. 2,173,190; Sept. 19.
Wilkening Manufacturing Company. (See Robertson, Delmar D.)
Wilkening Manufacturing Company. (See Robertson, D. D., and Briggs, assignors.)
Wilkens, George A. (See Fields, C. M., and Wilkens.)
Wilkens, William B., Rego Park, N. Y., assignor to Hazeltine Corporation. Automatic frequency control circuits. 2,147,509; Feb. 14.
Wilkerson, Daniel C., assignor to General Motors Corporation, Detroit, Mich. Chemical plating. 2,168,638; Aug. 8.
Wilkerson, Edward D., Orange, N. J. Antirattle spring saddle brace. 2,170,177; Aug. 22.
Wilkerson, Edward D., Orange, N. J. Vehicle wheel testing instrument. 2,171,616; Sept. 5.
Wilkerson, Sterling J., Omaha, Nebr. Menstrual appliance. 2,155,285; Apr. 18.
Wilkerson, Victor O., Vestal, assignor to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,165,325; July 11.
Wilkie, Leighton A., Glencoe, Ill., assignor to Continental Machines, Incorporated, Minneapolis, Minn. Compound abrading and brazing machines. 2,180,078; Nov. 14.
Wilkie, Leighton A., assignor to Continental Machines, Incorporated, Minneapolis, Minn. Convertible sawing and abrading machine. 2,180,079; Nov. 14.
Wilkie, Robert J., assignor to Continental Machine Specialties, Inc., Minneapolis, Minn. Making punches and dies. 2,175,139; Oct. 3.
Wilkin, George W., Spokane, Wash. Variable capacity gear pump. 2,149,326; Mar. 7.
Wilkin, George W., Spokane, Wash. Hydraulic motor. 2,163,652; June 27.
Wilkin, Lester A., East Chicago, Ind., assignor to Graver Tank & Mfg. Co., Inc., Catasauqua, Pa. Water sealed gas holder. 2,163,076; June 20.
Wilking, Henry P., Waldwick, N. J. Cap for fill pipes. 2,169,312; Aug. 15.
Wilkins, Archibald C. (See Van Keuren, H., and Wilkins.)
Wilkins, Fletcher A., Indianapolis, Ind. Multiple filament lamp switch. 2,142,430; Jan. 3.
Wilkins, Frederic J., Glendale, Calif. Brake operating mechanism. 2,155,030; Apr. 18.
Wilkins, Howard W., Warren, Mich., assignor to The Murray Corporation of America. Cage nut welder. 2,181,290; Nov. 28.
Wilkins, Richard A., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Condenser tube. 2,153,977; Apr. 11.
Wilkins, Richard A., assignor to Revere Copper and Brass Incorporated, Rome, N. Y. Cupro-nickel alloys, 2,153,978; Apr. 11.
Wilkinson, E. D. (See Fuller, Charles M., assignor.)
Wilkinson, E. D. (See Fuller, C. M., and Denison, assignors.)
Wilkinson, Edward W., and G. D. Hurd, assignors to L. B. Evans' Son Company, Wakefield, Mass. Shoe. 2,165,188; July 4.
Wilkinson, Eltoft W. (See Trotter, W., and Wilkinson.)
Wilkinson, George H., Windsor, Ontario, Canada. Ankle support. 2,165,879; July 11.
Wilkinson, James W., and W. Morgan, Leicester, Mass., and T. E. Aldham, Providence, R. I., assignors to Fleming Manufacturing Company. Oil filter. 2,183,877; Dec. 19.
Wilkinson, John W. (See Franz, B. M., Wilkinson, and Ehrlich.)
Wilkinson, Lowel F., Harlingen, Tex., assignor to La Plante-Choate Manufacturing Co., Inc., Cedar Rapids, Iowa. Tree moving device. 2,173,406; Sept. 19.
Wilkinson, Norwood H. (See Huffman, J. D., and Wilkinson.)
Wilkinson, Oscar S., et al., trustees. (See Kuhn, George, assignor.)
Wilkinson, Robert, Cheadle Hulme, England. Automatic gramophone and the like record-playing device. 2,156,612; May 2.
Wilkinson, Russell R., et al. (See Chapman, Clifford M., assignor.)
Wilkinson, William J., Eastchester, N. Y., assignor of one-half to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Making printing plates. 2,148,519; Feb. 28.
Wilkinson, William J., Eastchester, N. Y., assignor of one-half to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Method of and apparatus for printing. 2,155,458; Apr. 25.

Wilkinson, William J., Eastchester, N. Y., assignor of one-half to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Photographic masking. 2,170,883; Aug. 29.

Wilkinson, William J., Eastchester, N. Y., assignor of one-half to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Modification of photographic negatives. 2,174,812; Oct. 3.

Wilkinson, William J., Eastchester, N. Y., assignor of one-half to Miehle Printing Press and Manufacturing Company, Chicago, Ill. Color correction of negatives and printing-plates. 2,177,195; Oct. 24.

Wilkoff, Louis C., Youngstown, and J. E. Day, Warren, assignors to Youngstown Steel Car Corporation. Hatch plug. 2,142,431; Jan. 3.

Wilks, Andrew W. (See Kleinberg, P. E., Schweiser, and Wilks.)

Will, August, Pasadena, Calif. Deep well pump. 2,174,114; Sept. 26.

Will, Carl H., assignor to Tropic-Aire, Incorporated, Minneapolis, Minn. Windshield defroster. 2,152,338; Mar. 28.

Will, Carl H., and H. W. Fink, assignors to Tropic-Aire, Incorporated, Minneapolis, Minn. Combination heater and defroster. 2,175,863; Oct. 10.

Will, Herbert C., St. Louis, Mo. Can opener and holder. 2,163,301; June 20.

Willach, Bernhard. (See Klein, M., and Willach.)

Willaman, John J., R. A. Diehm, and E. W. Clark, Bristol, assignors to Röhm & Haas Company, Philadelphia, Pa. Preparing starch pastes. 2,153,445; Apr. 4.

Willans, Peter W., assignor to Baird Television Limited, London, England. Electron discharge device. 2,158,450; May 16.

Willans, Peter W., and L. E. Currah, London, England. Electroacoustic translating device. 2,184,727; Dec. 26.

Willard, Donald E. (See Blake, Dennis B. D., assignor.)

Willard, Frank M., Timber Lake, S. Dak. Pocket sail. 2,159,923; May 23.

Willard, George T., Evanston, Ill. Railway tie plate and clip. 2,162,365; June 13.

Willard, Homer E., and F. S. Young, Toledo, Ohio. Portable router. 2,146,458; Feb. 7.

Willard, Louis E., New York, assignor to C. Zimmer, Brooklyn, N. Y. Shock absorber. 2,149,129; Feb. 28.

Willard, Louis E., New York, assignor to C. Zimmer, Brooklyn, N. Y. Shock absorber packing and sealing structure. 2,158,645; May 16.

Willard, Louis E., assignor of fifty-one per cent to J. M. Hanford, Dallas, Tex. Testing machine for shock absorbers and the like. 2,167,429; July 25.

Willard Storage Battery Company. (See Aikenhead, Stewart C., assignor.)

Willard Storage Battery Company. (See Dunzweiler, Carl J., assignor.)

Willard Storage Battery Company. (See Lockwood, Harry B., assignor.)

Willard Storage Battery Company. (See Reinhardt, W. L., and Wells, assignors.)

Willard Storage Battery Company. (See Rolph, Samuel W., assignor.)

Willat, Arnold F., San Rafael, Calif. Permanent waving of hair. 2,180,380; Nov. 21.

Willat, Arnold F., San Rafael, Calif., assignor of one-third to A. L. Jacobs, one-third to E. J. W. Keagy, and one-third to Reymer & Brothers, Inc., Pittsburgh, Pa. Beverage display and mixing machine. 2,150,792; Mar. 14.

Willauer, Charles H., Quakertown, Pa. Electrically heated brooder. 2,160,185; May 30.

Willby, Norman H., Irwin, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Control system. Re. 21,026; Mar. 7.

Willcox & Gibbs Sewing Machine Co. (See Townsend, Norman F., assignor.)

Willcox & Gibbs Sewing Machine Company. (See Weis, John P., assignor.)

Willcox & Gibbs Sewing Machine Company. (See Weis, J. P., and Zeier, assignors.)

Willcox & Gibbs Sewing Machine Co. (See Zeier, Frederick F., assignor.)

Willcox, Thomas W. J., assignor to Gerrard Industries Limited, Brentford, England. Strapping machine. 2,183,286; Dec. 12.

Willcutt, William B., et al. (See Ford, Karl L., assignor.)

Wille, Albert. (See Jaeger, G., and Wille.)

Wille, Albert, Frankfort-on-the-Main, and C. Albrecht and K. Bonath, Kronberg, in Taunus, assignors to Deutsche Gold und Silber Scheideanstalt vormals Koessler, Frankfort-on-the-Main, Germany. Heat treatment of metals. 2,148,664; Feb. 28.

Wille, Albert, Frankfort-on-the-Main, and G. Jaeger, Neu-Isenburg, assignors to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler, Frankfort-on-the-Main, Germany. Recovery of beryllium compounds. 2,162,323; June 13.

Willenborg, Walter J., Weehawken, N. J., assignor, by mesne assignments, to C. L. Coughlin, Milwaukee, Wis. Pressure actuated control means in system for generation of inert gases. 2,142,545; Jan. 3.

Willene, Martin. (See Mistretta, A., Blomberg, and Willene.)

Willets, William C., Glendale, Calif. Water cooler and dispenser. 2,154,797; Apr. 18.

Willett, Harry B., Sr., Indianapolis, Ind. Inking mechanism for printing presses. 2,178,008; Oct. 31.

Willett, Wilbur J., Atlanta, Ga. Reverse lock for motor vehicles. 2,162,188; June 13.

Willett, William M., assignor to James Manufacturing Company, Fort Atkinson, Wis. Thermal electric control device. 2,174,050; Sept. 26.

Willett, William M., and G. T. Markey, assignors to James Mfg. Co., Fort Atkinson, Wis. Recirculating heating device. 2,156,101; Apr. 25.

Willetts, Joseph E., Pittsburgh, Pa. Construction unit. 2,179,019; Nov. 7.

Willey, Fay H., Detroit, Mich. Wear-resistant metal alloy. 2,147,329; Feb. 14.

Willey, George E., Smyra, Del. Nonskid chain. 2,175,545; Oct. 10.

Willford, Grover C., Los Angeles, Calif. Lawn mower. 2,142,295; Jan. 3.

Willgoos, Andrew V. D., West Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Reduction gear. 2,168,814; Aug. 8.

Willheim, Raoul. (See Stäblein, W., Willheim, and Uebermuth.)

Williams, Albert L., and L. E. Thompson, London, England, assignors, by mesne assignments, to Union Switch & Signal Company, Swissvale, Pa. Manufacture of alternating current rectifiers of the dry-contact type. 2,168,462; Aug. 8.

Williams, Albert L., L. E. Thompson, and R. H. Cubitt, London, England, assignors, by mesne assignments, to The Union Switch & Signal Company, Swissvale, Pa. Manufacture of alternating electric current rectifiers. 2,180,026; Nov. 14.

Williams, Alden H., et al. (See Green, Clifton F., assignor.)

Williams, Alfred O. (See Burrows, R. J., Lapsley, and Williams.)

Williams, Alfred O. (See Burrows, R. J., and Williams.)

Williams, Alfred O., Battle Creek, assignor, by mesne assignments, to Clark Equipment Company, Buchanan, Mich. Door operating mechanism. 2,156,005; Apr. 25.

Williams, Alfred O., assignor to Clark Equipment Company, Battle Creek, Mich. Brake. 2,156,006; Apr. 25.

Williams, Alfred O., assignor to Clark Equipment Company, Battle Creek, Mich. Motor mounting means. 2,167,164; July 25.

Williams, Allison R., Yazoo City, Miss. Automatic vehicle control system. 2,152,123; Mar. 28.

Williams, Arthur. (See See, T. S., Tegarden, and Williams.)

Williams, Arthur L., Maywood, and A. J. Langlois, Huntington Park, Calif.; said Langlois assignor to said Williams. Cooking stove. 2,175,420; Oct. 10.

Williams, Austin H. (See Saville, W., and Williams.)

Williams, Austin J., Austin, Tex. Automatic closure holding device. 2,145,001; Jan. 24.

Williams, Benjamin H., Des Moines, Iowa. Drafting mechanism. 2,160,186; May 30.

Williams, Benjamin M., and J. C. Thompson, assignors to Gaylord Container Corporation, St. Louis, Mo. Skid attachment for containers. 2,170,283; Aug. 22.

Williams, Bert. (See Coulter, J. N., and Williams.)

Williams, Beverly E., and A. S. Hartanov, assignors to Industrial Patents Corporation, Chicago, Ill. Marking carcasses. 2,155,746; Apr. 25.

Williams, Beverly E., and L. L. Cadwell, assignors to Swift and Company, Chicago, Ill. Meat wrapping method. 2,182,190; Dec. 5.

Williams, Calvin C., Philadelphia, Pa. Selective speed transmission and coaster brake. 2,159,465; May 23.

Williams, Carl F., San Mateo, and W. Trotter, San Francisco, Calif., assignors to Minerals Separation North American Corporation, New York, N. Y. Concentration of metalliferous ores by flotation. 2,169,313; Aug. 15.

Williams, Charles E., Seattle, Wash., assignor to Hammond Instrument Company. Electrical musical instrument. 2,142,580; Jan. 3.

Williams, Charles E., and W. E. Burnett, assignors to General Motors Corporation, Detroit, Mich. Combustible mixture regulating mechanism. 2,173,191; Sept. 19.

Williams, Charley R., Chicago, Ill. Fireproof construction. 2,150,754; Mar. 14.

Williams, Clarence R., assignor to Atlantic Service Company, Inc., Brooklyn, N. Y. Latching device. 2,164,027; June 27.

Williams, Cliff A., assignor to S. D. Bowles, Dallas, Tex. Welding composition. 2,157,447; May 9.

Williams Company, The. (See Martin, Elmer R., assignor.)

Williams, Daniel J. (See Knebel, Oscar, assignor.)

Williams, David, Binghamton, N. Y. Electric soldering iron. 2,142,340; Jan. 3.

Williams, David C., Big Stone Gap, Va. Ice cream freezer. 2,148,333; Feb. 21.

Williams, David D., Omaha, Nebr. Piston expander. 2,172,744; Sept. 12.

Williams, David M., Godwin, N. C. Firearm. 2,144,951; Jan. 24.

Williams, David M., Godwin, N. C. Safety Mechanism for firearms. 2,174,851; Oct. 3.

Williams, David S., Portland, Oreg. Trap seal valve. 2,162,236; June 13.

Williams, Duncan B., Glen Ridge, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Disabling-gas-producing chemicals. 2,159,241; May 23.
Williams, Duncan B., Glen Ridge, N. J., assignor to The United Gas Improvement Company. Treatment of gas distribution systems. 2,167,138; July 25.
Williams, Duncan B., Glen Ridge, N. J., assignor to The United Gas Improvement Company. Treatment of gas distribution systems. 2,167,140; July 25.
Williams, Duncan B., Glen Ridge, N. J., assignor to The United Gas Improvement Company. Treatment of gas distribution systems. 2,167,141; July 25.
Williams, Earle R., North Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Magnesia insulation and making the same. 2,172,861; Sept. 12.
Williams, Eleanor. (See McDonough, Will D., assignor.)
Williams, Evan C. (See Deanesly, R. M., Williams, and Steck.)
Williams, Floyd E. (See Gebauer-Fuelnegg, E., and Williams.)
Williams, Floyd E., assignor to Marbon Corporation, Gary, Ind. Coated sheet material. 2,162,769; June 20.
Williams, Francis C., Dearborn, Mich. High temperature fan. 2,147,005; Feb. 14.
Williams, Francis C., Dearborn, Mich. Heater. 2,174,251; Sept. 26.
Williams, Frank A., Detroit, Mich. Internal combustion engine. 2,150,955; Mar. 21.
Williams, Frank B., Chicago, Ill. Shoe cleaning device. 2,151,254; Mar. 21.
Williams, Frank J., San Fernando, Calif. Valve. 2,152,831; Apr. 4.
Williams, Frederick W., Headingly, Manitoba, Canada. Amusement device. 2,180,448; Nov. 21.
Williams, Frederick W., Honolulu, Hawaii. Fastening device. 2,180,651; Nov. 21.
Williams Furniture Company. (See Hubbard, Elbert B., assignor.)
Williams, George A., Rugby, and H. Brecknock, Long Eaton, England, assignors to General Electric Company. Washing machine. 2,185,109; Dec. 26.
Williams, George D., South San Francisco, assignor to Western Pipe & Steel Company, San Francisco, Calif. Electrical welding machine. 2,153,785; Apr. 11.
Williams, George D., South San Francisco, assignor to Western Pipe & Steel Company of California, San Francisco, Calif. Pipe-coating machine. 2,170,314; Aug. 22.
Williams, George L., Hartford, assignor to United Aircraft Corporation, East Hartford, Conn. Combined reduction and reversing gearing. 2,148,313; Feb. 21.
Williams, Glenn J., Morristown, Tenn. Fuel pump. 2,166,618; July 18.
Williams, Glynn H., Huntington Park, assignor to Axelson Manufacturing Co., Los Angeles, Calif. Automatic coupling device. 2,172,602; Sept. 12.
Williams, Gurdon H., Collingswood, N. J., assignor to Radio Corporation of America. Fluid cooled elements for radio circuit. 2,160,098; May 30.
Williams, Harold E., Carthage, Mo. Antenna. 2,179,365; Nov. 7.
Williams, Harold K., Moline, Ill. Photographic print drying machine. 2,144,864; Jan. 24.
Williams, Harold S. (See Battey, P. L., and Williams.)
Williams, Harold W. (See Bouton, E. M., Williams, and Santini.)
Williams, Harold W., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator control system. 2,151,820; Mar. 28.
Williams, Harold W., Englewood, N. J., assignor to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator control system. 2,169,035; Aug. 8.
Williams, Harold W., and R. W. Jones, assignors to Westinghouse Electric Elevator Company, Chicago, Ill. Elevator control system. 2,151,819; Mar. 28.
Williams, Harold W., Englewood, and D. Santini, Tenafly, N. J., assignors to Westinghouse Electric Elevator Company. Control system. 2,184,762; Dec. 26.
Williams, Harry E., assignor to Rock-Ola Manufacturing Corp., Chicago, Ill. Severing and dispensing apparatus. 2,156,931; May 2.
Williams, Harry E., assignor to R. T. Moloney, Chicago, Ill. Ball rolling game. 2,182,418; Dec. 5.
Williams, Harry E., and L. A. Durant, Chicago, Ill. Game apparatus. 2,184,867; Dec. 26.
Williams, Harry E., and L. A. Durant, Chicago, Ill. Bumper switch. 2,184,868; Dec. 26.
Williams, Helen F., Highland Park, Mich. Convertible coverlet and pillow. 2,183,418; Dec. 12.
Williams, Henry C., Milwaukee, Wis. Closet bowl mounting mat. 2,152,719; Apr. 4.
Williams, Henry E., Tulsa, assignor to Mid-West Oil Well Cleaning Corporation, Muskogee, Okla. Well cleaning device. 2,178,194; Oct. 31.
Williams, Herschel V., Jr., assignor to The B. F. Goodrich Company, New York, N. Y. Key-retainer identification tag. 2,181,796; Nov. 28.
Williams, Horace G. (See Iddings, R. C., and Williams.)
Williams, Ira, Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Thermoplastic derivatives of rubber. 2,158,530; May 16.
Williams, Ira, Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Salts of 2-mercapto-benzothiazole. 2,170,670; Aug. 22.
Williams, Ira, Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Carbamyl dithio-carbamates. 2,171,420; Aug. 29.
Williams, Ira, Woodstown, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Vulcanization of rubber. 2,171,421; Aug. 29.
Williams, Ira, Woodstown, N. J. and A. M. Neal, assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Preservation of rubber. 2,144,446; Jan. 17.
Williams, Ira, Woodstown, and C. C. Smith, Carneys Point, N. J., assignors to E. I. du Pont de Nemours & Company, Wilmington, Del. Plasticizing rubber. 2,183,342; Dec. 12.
Williams, J. H., & Co. (See Kress, Willard C., assignor.)
Williams, Jack, London, England. Glazing bar. 2,171,319; Aug. 29.
Williams, Jack, London, England. Glass-supporting metallic frame. 2,175,653; Oct. 10.
Williams, Jack, London, England. Fitting for use with glazing bars. 2,178,507; Oct. 31.
Williams, James H., assignor to General Fire Extinguisher Company, Providence, R. I. Welding T and making same. 2,157,274; May 9.
Williams, James R., Quincy, Ill., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Valve and control system therefor. 2,145,146; Jan. 24.
Williams, Jesse M., Los Angeles, Calif. Heating system. 2,144,093; Jan. 17.
Williams Jewelry Distributors Corp. (See Curry, William G., assignor.)
Williams, John, Philadelphia, Pa. Piston ring and expander. 2,164,849; July 4.
Williams, John C. (See Breerwood, C. H., and Williams.)
Williams, John C., Oakland, Calif. Bearing seal. 2,155,628; Apr. 25.
Williams, John C., Oakland, Calif., assignor to John C. Williams Corporation. Periscope. 2,173,192; Sept. 19.
Williams, John C., Oakland, Calif., assignor to John C. Williams Corporation. Clamshell dredge. 2,177,196; Oct. 24.
Williams, John C., Corporation. (See Williams, John C., assignor.)
Williams, John E., Merced, Calif. C clamp. 2,169,064; Aug. 8.
Williams, John H., Jr., Providence, R. I. Tenter machine. 2,147,115; Feb. 14.
Williams, John H., Jr., Providence, R. I. Tenter machine. 2,157,644; May 9.
Williams, John J., and J. Bauman, assignors to Hazel-Atlas Glass Company, Wheeling, W. Va. Apparatus for manufacturing metallic closures. 2,147,566; Feb. 14.
Williams, John J., and J. P. Heil, assignors to Hazel-Atlas Glass Company, Wheeling, W. Va. Apparatus for forming metal closures. 2,147,804; Feb. 21.
Williams, Joseph H., Saginaw, Mich. Vise. 2,159,193; May 23.
Williams, Joseph S., assignor to P. R. Mallory & Co., Inc., Indianapolis, Ind. Etching process. 2,177,086; Oct. 24.
Williams, Karl D., Washington, D. C. Shock absorbing washer. 2,153,605; Apr. 11.
Williams-Kelley Corporation. (See Kelley, John N., assignor.)
Williams, Lawrence S. (See Marshall, C. O., and Williams.)
Williams, Lawrence S., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Indicating device. 2,178,155; Oct. 31.
Williams, Lawrence S., assignor to Toledo Scale Manufacturing Company, Toledo, Ohio. Transitory switch. 2,178,156; Oct. 31.
Williams, Leo C. (See Baker, L., Martin, and Williams.)
Williams, Leo L., Cleveland Heights, Ohio. Liquid fuel burner. 2,147,225; Feb. 14.
Williams, Lester J., assignor to Carl Braun, Inc., Canastota, N. Y. Can and cover assembling machine. 2,172,966; Sept. 12.
Williams, Lewis A., Shrewsbury, and A. C. Racine, assignors to Norton Company, Worcester, Mass. Cylindrical grinding machine for shoulder grinding. 2,170,613; Aug. 22.
Williams, Lloyd M., Oak Park, assignor, by mesne assignments, to Lloyds Mfg. Co., Chicago, Ill. Automatic starting device for internal combustion engines. 2,151,400; Mar. 21.
Williams, Louis H., Seattle, Wash. Apparatus for displaying and advertising merchandise. 2,171,054; Aug. 29.
Williams, M. R., et al. (See Winters, Jacob E., assignor.)
Williams, Milton, Houston, Tex., assignor to Standard Oil Development Company. Use of alkali vanadates in reducing viscosity and gelation of drilling muds. 2,160,949; June 6.
Williams, N. T., et al. (See Cousart, Eddie C., assignor.)
Williams Oil-O-Matic Heating Corporation. (See Ropp, Chester A., assignor.)
Williams Oil-O-Matic Heating Corporation. (See Zellhoefer, Glenn F., assignor.)

Williams, Ollie M., and J. W. Baker, Vandalia, and B. F. Butler, Auxvasse, Mo. Antifreeze solution. 2,183,178; Dec. 12.
Williams, Ormsby P., Huntington Park, Calif. Adjustable gas valve. 2,178,676; Nov. 7.
Williams, Ormsby P., Huntington Park, Calif. Carburetor. 2,178,677; Nov. 7.
Williams, Oscar C., San Diego, Calif. Hair dressing and curling tool. 2,166,203; July 18.
Williams, Owen E., Arlington, Va., dedicated to the free use of the People of the United States. Storing, transporting, and restoring sweet cream. 2,142,864; Jan. 3.
Williams, Paul C., Dallas, Tex. Brace. 2,162,189; June 13.
Williams, Paul J. (See Oree, L. C., and Williams.)
Williams, Ray D., Portland, Oreg., assignor to Libby, McNeill & Libby, Chicago, Ill. Machine for longitudinally and transversely slicing pickles and the like. 2,150,735; Mar. 14.
Williams, Raymond R., et al. (See Maxwell, Walter, assignor.)
Williams, Richard, Watford, Ontario, Canada. Threshing machine. 2,150,856; Mar. 14.
Williams, Robert C., assignor to The Ironsides Company, Columbus, Ohio. Wire drawing lubricant and method. 2,152,396; Mar. 28.
Williams, Robert L., Newton, assignor to Submarine Signal Company, Boston, Mass. Vibratory apparatus. 2,170,178; Aug. 22.
Williams, Robert R., Roselle, N. J., assignor to Research Corporation, New York, N. Y. Pyrimidine compounds. 2,153,016; Apr. 4.
Williams, Robert S. (See Kaye, A. L., Williams, and Wulff.)
Williams, Robley C., Ann Arbor, Mich. Coating surfaces by thermal evaporation. 2,151,457; Mar. 21.
Williams, Roger. (See West, Jarold R., assignor.)
Williams, Roger J., Corvallis, Oreg., assignor to Standard Brands Incorporated, New York, N. Y. Yeast culture in bread making and yeast propagation. 2,147,762; Feb. 21.
Williams, Roger J., Corvallis, Oreg., assignor to Standard Brands Incorporated, New York, N. Y. Producing yeast. 2,174,543; Oct. 3.
Williams, Roy C., Wayne, Ohio. Oil well pump. 2,181,774; Nov. 28.
Williams, Russell J., assignor to Bemis Bro. Bag. Co., St. Louis, Mo. Bag. 2,157,392; May 9.
Williams, Samuel L., New York, N. Y., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Electropneumatic brake. 2,147,327; Feb. 14.
Williams Sealing Corporation. (See McQuinn, Carl, assignor.)
Williams, Selden T., Bellerose, assignor to A. Schrader's Son, Incorporated, Brooklyn, N. Y. Valve stem. 2,154,254; Apr. 11.
Williams, Selden T., Bellerose, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Tire valve. 2,154,255; Apr. 11.
Williams, Selden T., Bellerose, N. Y., assignor to Scovill Manufacturing Company, Waterbury, Conn. Forming rubber-headed valve stems. 2,169,378; Aug. 15.
Williams, Selden T., Bellerose, and R. Rounds, Brooklyn, N. Y., assignors to Scoville Manufacturing Company, Waterbury, Conn. Check valve. 2,144,952; Jan. 24.
Williams, Stanley H., London, England. Screw stopper for receptacles. 2,146,000; Feb. 7.
Williams, Thomas C., and S. A. Shorter, assignors to The British Cotton Industry Research Association, Didsbury, Manchester, England. Apparatus for cleaning and opening cotton or like fibrous material. 2,157,684; May 9.
Williams, Victor G., and H. M. Rutter, Toronto, Ontario, Canada, assignors to Delamere & Williams, Limited. Carton closing machine. 2,146,001; Feb. 7.
Williams, William A. (See Misenhimer, P. K., and Williams.)
Williams, William E., Hampstead, London, England. Optical interferometer. 2,151,631; Mar. 21.
Williams, William J., assignor of one-half to A. Pulford, Toledo, Ohio. Control system for engine starting means. 2,174,101; Sept. 26.
Williams, William L., Philadelphia, Pa. Stomach pump. 2,142,624; Jan. 3.
Williams, Willis P., Canfield, Ohio. Card holder for loose leaf binders. 2,150,474; Mar. 14.
Williams, William T., Terre Haute, Ind. Sheet metal roofing. 2,166,275; July 18.
Williamson, Charles D., Fort Worth, Tex. Apparatus for making waistbands for trousers. 2,145,411; Jan. 31.
Williamson, Charles J., Washington, D. C., assignor to Park-In-Theatres, Inc., Camden, N. J. Combined parking and show place. 2,146,103; Feb. 7.
Williamson, Charles O. (See Eisenbeis, W. J., and Williamson.)
Williamson, Clifford O., and R. H. Money, assignors to The Crosley Corporation, Cincinnati, Ohio. Closure element for top opening refrigerators. 2,142,469; Jan. 3.
Willis, Clodius H., Princeton, N. J., assignor to General Electric Company. Electric valve converting system. 2,179,366; Nov. 7.
Williamson, Coy N., Carlsbad, N. Mex. Sign. 2,171,016; Aug. 29.
Willis, David A., Chicago, Ill. Apparatus for finding and removing metal particles from human and animal bodies. 2,176,479; Oct. 17.
Williamson, Edward J., Vancouver, British Columbia, Canada. Lock unit. 2,153,491; Apr. 4.
Willis, Elijah J., Morehead City, assignor of one-half to J. B. Frizzelle, Snow Hill, N. C. Animal trap. 2,183,926; Dec. 19.
Williamson, Floyd M., Detroit, Mich. Wiper for vanity cases. 2,145,035; Jan. 24.
Williamson, Floyd M., Detroit, Mich. Vanity case. 2,165,598; July 11.
Williamson, Floyd M., Detroit, Mich. Wiper for vanity case mirrors. 2,165,599; July 11.
Williamson, Floyd M., Detroit, Mich. Vanity case. 2,167,702; Aug. 1.
Williamson, Frederick G., Wilkinsburg, assignor to The American Brake Company, Swissvale, Pa. Brake mechanism. 2,147,871; Feb. 21.
Williamson, Frederick G., assignor to The American Brake Company, Swissvale, Pa. Brake rigging. 2,169,751; Aug. 15.
Williamson, Henry C., Chicago, Ill., assignor to C. B. White, New York, N. Y., and F. G. Hoblitzell, Toronto, Ontario, Canada, jointly as trustees. Refrigerating device. 2,160,609; May 30.
Williamson, James W., Greenwich, Conn. Photographic enlargement device. 2,168,503; Aug. 8.
Williamson, Winnie D., West Union, W. Va. Hair parting device. 2,155,917; Apr. 25.
Willin, John M. C., Jr., et al. (See Voight, Eugen, assignor.)
Willis, Charles M., Paola, Kans. Automatic fluid trap. 2,145,783; Jan. 31.
Willis, Elijah J., Morehead City, assignor of one-half to D. E. Oglesby, Farmville, N. C. Pressure gauge for automobile tires. 2,168,145; Aug. 1.
Willis, Elijah J., Morehead City, assignor of one-half to J. B. Frizzelle, Snow Hill, N. C. Can pouring device. 2,179,772; Nov. 14.
Willis, George W., Brighton, England. Manufacture of iron, steel, and ferrous alloys from pig iron. 2,167,859; Aug. 1.
Willis, John J., Odessa, Tex. Load roller for trucks. 2,148,224; Feb. 21.
Willis, John J., Odessa, Tex. Traversing hoist for material and article handling. 2,181,253; Nov. 28.
Willis, John S., Portsmouth, Ohio, assignor, by mesne assignments, to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Edge binding. 2,183,088; Dec. 12.
Willis, Le Roy W., Stamford, Conn., assignor to Intertype Corporation, Brooklyn, N. Y. Metal pot for slug casting machines. 2,167,616; July 25.
Willis, Robert L. (See Lee, J. H., Jr., and Willis.)
Willits, Elton L., Atlantic City, N. J. Gas operated signal for secondary batteries. 2,143,340; Jan. 10.
Willkie, Herman F., and C. S. Boruff, assignors to Hiram Walker & Sons, Inc., Peoria, Ill. Dehydration of moisture-containing compounds. 2,165,950; July 11.
Willmeroth, Ernst, et al. (See Worth, Robert, assignor.)
Willmore, Charles B., New Kensington, assignor to Aluminum Company of America, Pittsburgh, Pa. Refining and producing aluminum. 2,184,705; Dec. 26.
Willmot, Frank, Walsall, England, assignor to Mark Cross Company, New York, N. Y. Hand brush. 2,184,827; Dec. 26.
Willmott, Herbert J., Beverly, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Shoe machine. 2,180,381; Nov. 21.
Willner, Ernest A., Sr., Lincoln, Nebr. Placer gold concentrator and amalgamator. 2,164,364; July 4.
Willock, David B., Kansas City, Mo. Key duplicator. 2,167,341; July 25.
Willoughby, Victor. (See Bradfield, G. K., Clarke, and Willoughby.)
Willoughby, Victor, Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Mine car spring bumper and drawhead. 2,164,558; July 4.
Willoughby, Victor Ridgewood, N. J., assignor to American Car and Foundry Company, New York, N. Y. Mine car bumper. 2,164,859; July 4.
Wills, Child H., Grosse Pointe Farms, assignor to Chrysler Corporation, Highland Park, Mich. Composition of matter and making the same. 2,177,853; Oct 31.
Wills, John H. (See Wegst, W. F., and Wills.)
Wills, Kurt H. (See Bickel, C. A., and Wills.)
Wills, Marion C. (See Henry, A. R., and Wills.)
Wills, Noble G., Connersville, Ind. Preparing dentures. 2,168,546; Aug. 8.
Wills, Percy, assignor to Wills Pressure Filled Joint Ring Limited, Bridgwater, Somerset, England. Packing means for joints. 2,156,662; May 2.
Wills Pressure Filled Joint Ring Limited. (See Wills, Percy, assignor.)
Wills, William A. (See Foulke, W. B., and Wills.)
Willson, Frederick E., Santa Barbara, Calif. Apparatus for getting superelevations for curves of various radii and speeds for highways and railroads. 2,160,049; May 30.
Willson, Lester E., assignor to Brick-V-Neer Sales Company, Streator, Ill. Building wall structure. Re. 21,278; Nov. 21.
Willson Products, Inc. (See Shindel, Harry F., assignor.)

Willson, R. E. (See Hyman, Kenneth R., assignor.)
Willys-Overland Motors, Inc. (See Edwards, Henry J., assignor.)
Willys-Overland Motors, Inc. (See Johnson, P. C., and Stacey, assignors.)
Willys-Overland Motors, Inc. (See Walters, Dean A., assignor.)
Wilm, Diederich. (See Franck, H. H., and Wilm.)
Wilmanns, Gustav. (See Birr, E. J., Fricke, and Wilmanns.)
Wilmanns, Gustav. (See Kleine, J., and Wilmanns.)
Wilmanns, Gustav. (See Ossenbrunner, A., Hagedorn, and Wilmanns.)
Wilmanns, Gustav, Wolfen, Kreis Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Plastic masses from organic colloids. 2,146,873; Feb. 14.
Wilmanns, Gustav, Wolfen, Kreis Bitterfeld, Germany, assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Photographic antihalation layer. 2,161,788; June 13.
Wilmanns, Gustav, Wolfren kreis Bitterfeld, and W. Schneider, Dessau, Germany, assignors to Agfa Ansco Corporation, Binghamton, N. Y. Development of silver halide emulsions in color. 2,146,040; Feb. 7.
Wilmanns, Gustav Wolfen, Kreis Bitterfeld, W. Schneider, Dessau, and R. Kethur, Bitterfeld, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Reversal development of light-sensitive silver halide emulsions. 2,159,466; May 23.
Wilmanns, Gustav, Wolfen, Bitterfeld, and W. Schneider and B. Wendt, Dessau, Anhalt, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Photographic developer. 2,163,166; June 20.
Wilmanns, Gustav, Wolfen, and W. Schneider, Dessau, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Stereophotography. 2,168,183; Aug. 1.
Wilmanns, Gustav, Wolfen, Bitterfeld, and W. Schneider and A. Fröhlich, Dessau Anhalt, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Photographic developer. 2,163,820; June 27.
Wilmanns, Gustav, Wolfen, Kreis Bitterfeld, and W. Schneider, Dessau, Anhalt, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Polarizing layer. 2,176,516; Oct. 17.
Wilmanns, Gustav, Wolfen, Kreis Bitterfeld, and W. Schneider and E. Bauer, Dessau, Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Manufacture of polychrome pictures. 2,179,238; Nov. 7.
Wilmanns, Gustav, Wolfen, Kreis Bitterfeld, W. Schneider, Dessau, and E. Bauer, Hersbruck Mfr., Germany, assignors, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. Color photography. 2,179,239; Nov. 7.
Wilmington Trust Co., executor. (See Carothers, W. H., and Collins.)
Wilmoth, William F., Washington, D. C. Expansion joint structure. 2,179,911; Nov. 14.
Wilms, Gustav O., assignor to Allen-Bradley Company, Milwaukee, Wis. Electric switch. 2,172,633; Sept. 12.
Wilmsen, Bernard. (See Kranz, P., and Schmid, assignors.)
Wilnau, Philip S., Sullivan, Mo. Refrigerator. 2,175,498; Oct. 10.
Wilputte, Adele J. (See Pavitt, William H., assignor.)
Wilputte, Louis. (See Potter, Joel S., assignor.)
Wilputte, Louis, New Rochelle, N. Y. Coke oven door. 2,183,704; Dec. 19.
Wilsey, Irven H., assignor of forty-five per cent to J. H. Sharp and ten per cent to E. W. Hibbard, Chicago, Ill. Amusement game apparatus. 2,166,228; July 18.
Wilsey, Irven H., assignor of forty-five percent to J. H. Sharp and ten percent to E. W. Hibbard, Chicago, Ill. Game apparatus. 2,167,703; Aug. 1.
Wilshire, Van H., assignor to The Specialty Papers Company, Dayton, Ohio. Laminated paper. 2,171,775; Sept. 5.
Wilshusen, August E., Detroit, Mich. Baffle plate ventilator mechanism. 2,172,814; Sept. 12.
Wilson, Albert R. (See Young, Charles W., assignor.)
Wilson, Alexander L., Indiana Township, Allegheny County, and H. Morin, Mount Lebanon Township, Allegheny County, Pa.; said Wilson assignor to Carbide and Carbon Chemicals Corporation. Hair waving. Hair waving. 2,154,924; Apr. 18.
Wilson, Alexander L., Indiana Township, Allegheny County, Pa., assignor to Carbide and Carbon Chemicals Corporation. Hair waving. 2,154,925; Apr. 18.
Wilson, Allen B. (See MacChesney, C. M., and Wilson.)
Wilson, Allen B., Evanston, assignor to Acme Steel Company, Chicago, Ill. Conveyer belt. 2,165,434; July 11.
Wilson, Allen B., Evanston, assignor to Acme Steel Company, Chicago, Ill. Metal coil and fastener therefor. 2,175,623; Oct. 10.
Wilson, Arthur, et al. (See Claves, Joseph J., assignor.)
Wilson, Arthur B., Fayetteville, N. Y. Reversible road rake. 2,179,583; Nov. 14.
Wilson & Bennett Manufacturing Company. (See Severy, Victor H., assignor.)
Wilson Block and Brick Machine Company. (See Wilson, George E., assignor.)
Wilson Cabinet Corporation. (See Markley, Richard, Jr., assignor.)
Wilson, Clarence E., Manchester, Conn. Plant package. 2,160,998; June 6.
Wilson, Clarence W., Norco, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Pectate and making same. Re. 21,077; May. 9.
Wilson, Clarence W., Corona, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Making pectin products. 2,159,194; May 23.
Wilson, Clarence W., Norco, assignor to California Fruit Growers Exchange, Los Angeles, Calif. Quenching steel and other alloys. 2,178,925; Nov. 7.
Wilson, Clifford. (See Jones, B., and Wilson.)
Wilson & Company. (See Adams, Nicholas M., assignor.)
Wilson & Co. (See Dimond, Lloyd E., assignor.)
Wilson & Company. (See Tolman, L. M., and Dimond, assignors.)
Wilson, Donald B. (See Buckner, O. S., and Wilson.)
Wilson, Donald B. (See Goodnow, R. J., and Wilson.)
Wilson, Earl D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Radiant energy detector. 2,144,519; Jan. 17.
Wilson, Earl D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Copper oxide photovoltaic cell with impedance layer. 2,154,295; Apr. 11.
Wilson, Earl D., Wilkinsburg, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Preservative and contact coating for light sensitive devices. 2,172,232; Sept. 5.
Wilson, Earl D., Wilkinsburg, and G. E. Stoltz, Edgewood, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Combined machine and optical system. 2,182,651; Dec. 5.
Wilson, Elihu C., assignor of twenty-five percent to E. P. Wilson, twenty-five percent to E. J. Wilson, Los Angeles, and twenty-five percent to A. B. Booth, Culver City, Calif. Siphon breaker. 2,153,904; Apr. 11.
Wilson, Elizabeth J., et al. (See Wilson, Elihu C., assignor.)
Wilson Engineering Corporation. (See Wilson, L. F., and Lammedee, assignors.)
Wilson, Ernest E., Huntington Woods, assignor to General Motors Corporation, Detroit, Mich. Compound resonance unit. 2,164,365; July 4.
Wilson, Erwin H. (See Jefferis, Albert W., Jr., assignor.)
Wilson, Eva P., et al. (See Wilson, Elihu C., assignor.)
Wilson, Evan G., Blundellsands, near Liverpool, England. Apparatus for grading leather, etc. 2,146,277; Feb. 7.
Wilson, Frank C., assignor to Servrite Mfg. Co., Bloomington, Ill. Electric grill. 2,156,557; May 2.
Wilson, Frank C., assignor to Servrite Mfg. Co., Bloomington, Ill. Grease pan for grills. 2,175,333; Oct. 10.
Wilson, Fred G., Brooklyn, N. Y. Beer cooler and dispenser. 2,144,004; Jan. 17.
Wilson, Fred G., Brooklyn, N. Y. Beverage cooling and dispensing apparatus. 2,144,005; Jan. 17.
Wilson, Frederic H. (See Brown, C. P., and Wilson.)
Wilson, George D. (See Baker, G. R., and Wilson.)
Wilson, George E., and Salt Lake City, Utah. Sanitary fountain. 2,166,982; July 25.
Wilson, George E., assignor to Wilson Block and Brick Machine Company, Fort Lauderdale, Fla. Molding machine for molding building units. 2,168,146; Aug. 1.
Wilson, George H. (See Jenkins, H. G., Ryde, and Wilson.)
Wilson, George R., assignor to Lumasyne, Inc., Washington, D. C. Sheet metal stock for paneling and other purposes. 2,152,297; Mar. 28.
Wilson, H. A., Company, The. (See Schmidt, A. C., and Jack.)
Wilson, H. A., Company, The. (See Waltenberg, Romaine G., assignor.)
Wilson, Hal L. (See Altheimer, Ben, assignor.)
Wilson, Harold B., Wilmette, assignor to Mathias Klein & Sons, Chicago, Ill. Safety strap. 2,152,943; Apr. 4.
Wilson, Herbert O., Livingston, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Electric switch. 2,180,701; Nov. 21.
Wilson, Herbert R. D., et al. (See Glidden, Charles C., assignor.)
Wilson, I. J. (See Hirsch, Raymond S., assignor.)
Wilson, Ira G. (See Anderson, F. B., Clement, and Wilson.)
Wilson, Ira G., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Gain control circuits. 2,144,865; Jan. 24.
Wilson, Ira G., Brooklyn, assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Transmission regulation. 2,151,821; Mar. 28.
Wilson, James A., and N. S. Hobson, Meriden, assignors to Bard-Parker Company, Inc., Danbury, Conn. Hematological case. 2,183,663; Dec. 19.
Wilson, James E. (See Phillippi, D. M., and Wilson.)
Wilson, James G., Welch, assignor of one-half to J. K. Cooper, Premier, W. Va. Stove. 2,164,265; June 27.
Wilson, James S. (See Lees, R. E., and Wilson.)
Wilson, Jessie M., Philadelphia, Pa. Foldable slicing board. 2,159,945; May 23.
Wilson, Jessie W., assignor of one-third to T. O. McMahan and one-third to A. L. Dorsey, Springfield, Tenn. Insectproof seedbed border and canvas support. 2,146,784; Feb. 14.

Wilson, John A., Milwaukee, Wis., assignor to Wilson Leather Company. Leather pulp and products made therefrom. 2,158,265; May 16.
Wilson, John A., Buford, Ga., assignor to Hall Laboratories, Inc., Pittsburgh, Pa. Making white leather. 2,172,233; Sept. 5.
Wilson, John A., South Pasadena, Calif. Slaughtering knife. 2,178,129; Oct. 31.
Wilson, John C., Bayside, N. Y., assignor to Hazeltine Corporation. Periodic saw tooth wave repeater. 2,177,162; Oct. 24.
Wilson, John H., Wichita Falls, Tex. Drilling rig transmission. 2,151,881; Mar. 28.
Wilson, John H., Wichita Falls, Tex. Transmission interlock. 2,169,780; Aug. 15.
Wilson, John H., Wichita Falls, Tex. Adjusting device for endless chains. 2,180,449; Nov. 21.
Wilson, John H., North Platte, Nebr. Automotive traveling sprinkler. 2,152,425; Mar. 28.
Wilson, John H., North Platte, Nebr. Toilet paper holder. 2,152,426; Mar. 28.
Wilson, John L. (See Bayliss, M., Wilson, and Ordal.)
Wilson, John M., assignor to Minneapolis-Honeywell Regulator Company, Minneapolis, Minn. Relay circuit. 2,167,227; July 25.
Wilson-Jones Company. (See Buenger, Edward F., assignor.)
Wilson-Jones Company. (See Buenger, E. F., and Bacon, assignors.)
Wilson-Jones Company. (See Burns, E. V., and Bacon, assignors.)
Wilson-Jones Company. (See Dawson, George H., assignor.)
Wilson-Jones Company. (See Handler, Koloman, as signor.)
Wilson-Jones Company. (See Unger, Paul O., assignor.)
Wilson-Jones Company. (See Unger, P. O., and Talmage, assignors.)
Wilson, Joseph T., Pitman, N. J., assignor to International Business Machines Corporation, New York, N. Y. Card selecting machine. 2,161,649; June 6.
Wilson, Lavett S., Los Angeles, Calif. Ventilator. 2,163,077; June 20.
Wilson Leather Company. (See Wilson, John A., assignor.)
Wilson, Lee, Engineering Company. (See Woodson, James C., assignor.)
Wilson, Lee, Sales Corporation. (See Wilson, Lee, assignor.)
Wilson, Lee, Sales Corporation. (See Woodson, James C., assignor.)
Wilson, Lee, Cleveland, Ohio, assignor to Lee Wilson Sales Corporation. Method and apparatus for annealing strip. 2,169,314; Aug. 15.
Wilson, Leonard D., et al. (See Jones, Robert I., assignor.)
Willson, Lester E., Streator, Ill. Method and apparatus for making brick-faced concrete walls. 2,178,535; Oct. 31.
Wilson, Lewis E., Milwaukee, Wis. Force measuring device. 2,157,723; May 9.
Wilson, Lester T., Willoughby, Ohio. Fishing line bobber. 2,162,659; June 13.
Wilson, Lola, Washington, D. C. Hair device. 2,175,140; Oct. 3.
Wilson, Lyndon F., and J. M. Lammedee, assignors to Wilson Engineering Corporation, Chicago, Ill. Air compression system of variable radiation capacity. 2,162,148; June 13.
Wilson, Martin W., assignor to R. A. Lister & Company Limited, Dursley, England. Electric generating plant. 2,162,685; June 13.
Wilson, Marvin J. (See Fraser, E, J., and Wilson.)
Wilson, Norman R., Belleville, and A. J. Lang, Jersey City, assignors to Rare Metal Products Company, Belleville, N. J. Vulcanizing rubber. 2,171,901; Sept. 5.
Wilson, Odell. (See Pfundstein, W., and Wilson.)
Wilson, Ray O., Los Angeles, Calif. Applying bindings to container mouth covers. 2,151,000; Mar. 21.
Wilson, Richard N., et al. (See Jones, Robert I., assignor.)
Wilson, Robert A., San Antonio, Tex. Swab. 2,147,072; Feb. 14.
Wilson, Robert E. (See Keith, P. C., Jr., Wilson, and Livingston.)
Wilson, Robert W., et al. (See Smith, Merton J., assignor.)
Wilson, Roger C., Alta, Iowa. Lock system for automobiles and the like. 2,158,451; May 16.
Wilson, Rosser L., Mahweh, N. J., assignor to The American Brake Shoe and Foundry Company, New York, N. Y. Brake shoe. 2,162,770; June 20.
Wilson, Stansbury M., and W. H. Waggaman, Baltimore, Md., assignors to Baugh & Sons Company, Philadelphia, Pa. Producing material for purifying liquids. 2,170,601; Aug. 22.
Wilson, Steven B., Newton, Mass., assignor to Fleming Manufacturing Company, East Providence, R. I. Oil indicator. 2,176,618; Oct. 17.
Wilson Supply Company. (See Nixon, Jeddy D., assignor.)
Wilson, Thomas J., Pittsburgh, Pa., assignor to Hydraulic Equalizer Company. Cable equalizer. 2,180,491; Nov. 21.
Wilson, Tom, Lake Village, Ark. Sheet metal apparatus. 2,152,165; Mar. 28.
Wilson, Vernon H., Olympia, Wash. Artificial minnow. 2,181,254; Nov. 28.
Wilson, Virden W., assignor to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Treating hydrocarbon distillates. 2,181,036; Nov. 21.
Wilson, Virden W., assignor to Buffalo Electro-Chemical Company, Inc., Buffalo, N. Y. Sweetening hydrocarbon distillates. 2,181,037; Nov. 21.
Wilson, Walter G., Westminster, London, England. Epicyclic power transmission mechanism. 2,164,729; July 4.
Wilson, Walter J., Petersburg, Ind. Grinding machine. 2,162,044; June 13.
Wilson, Walter R., Douglas, Ga. Eye testing instrument. 2,180,652; Nov. 21.
Wilson, Walter W. (See Russell, E. A., and Wilson.)
Wilson, Walter W., Oak Park, assignor to Vapor Car Heating Company, Inc., Chicago, Ill. Hose coupler lock. 2,171,821; Sept. 5.
Wilson, Wesley, Chicago, Ill. Fixture connector. 2,164,366; July 4.
Wilson, William, Accrington, assignor to Howard and Bullough, Limited, Accrington, Lancashire, England. Underclearer mounting in textile spinning, preparing, and like machines. 2,158,921; May 16.
Wilson, William A., Swarthmore, and H. F. Schmidt, Lansdowne, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Bearing lubrication. 2,158,810; May 16.
Wilson, William H., Burlington, Vt. Humidifying apparatus for the treatment of wool yarn. 2,157,975; May 9.
Wilson, William H., Somerville, Mass. Emergency key for door locks. 2,181,716; Nov. 28.
Wilson, William H., and C. H. Land, Detroit, Mich. Tractor semitrailer combination. 2,181,389; Nov. 28.
Wilson, William J., and E. F. Dohe, Omaha, Nebr. Air cushion rail truck. 2,180,492; Nov. 21.
Wilson, William R. (See Brueckner, Frederick F., assignor.)
Wilson, William R., Kansas City, Mo. Pencil. 2,144,006; Jan. 17.
Wilson, William S., Brookline, Mass., assignor, by mesne assignments to Monsanto Chemical Company. Coagulant. 2,152,942; Apr. 4.
Wilson, William S., Brookline, Mass., assignor, by mesne assignments, to Monsanto Chemical Company. Thermal insulating composition. 2,174,770; Oct. 3.
Wilson, William S., Brookline, and J. F. White, Somerville, Mass., assignors, by mesne assignments, to Monsanto Chemical Company. Preparing anhydrous ferric sulphate. 2,149,327; Mar. 7.
Wilson, William S., Brookline, and J. F. White, Somerville, Mass., assignors, by mesne assignments, to Monsanto Chemical Company. Glassy resinlike ferric sulphate and preparing the same. 2,155,069; Apr. 18.
Wilson, William S., Boston, and A. J. Lobdell, Jr., Woburn, Mass., assignors, by mesne assignments, to Monsanto Chemical Company. Manufacture of sodium aluminate. 2,165,187; July 4.
Wilson, William S., Brookline, and J. F. White, Somerville, Mass., assignors, by mesne assignments, to Monsanto Chemical Company. Manufacture of normal ferric sulphate. 2,165,189; July 4.
Wilson, William S., Brookline, and J. F. White, Medford, Mass., assignors, by mesne assignments, to Monsanto Chemical Company. Preparing normal ferric sulphate. 2,173,144; Sept. 19.
Wilson, Wylie G., Elizabeth, assignor to Everlasting Valve Company, Jersey City, N. J. Coupling. 2,167,258; July 25.
Wilt, Vernon K., assignor to Kelco Company, Los Angeles, Calif. Alginate in oleomargarine. 2,156,036; Apr. 25.
Wiltse, Donald T., Great Neck, N. Y. Preparing vegetables. 2,184,246; Dec. 19.
Wiltshire, Arthur J., Euclid, Ohio. Draft control for furnaces. 2,166,834; July 18.
Wil-X-M'f'g Corporation. (See Plastaras, James C., assignor.)
Wimberger, Leopold, assignor to L. Wimberger Kommanditgesellschaft & Co., Patent-Verwertungsgesellschaft, Vienna, Austria. Dry-shaving device. 2,181,038; Nov. 21.
Wimberger, L., Kommanditgesellschaft & Co., Patent-Verwertungsgesellschaft. (See Wimberger, Leopold, assignor.)
Wimmer, Josef. (See Mugdan, M., and Wimmer.)
Wimmersperg, Heinrich, Vienna, Austria. Firearm. 2,167,495; July 25.
Winandy, Mike, Richmond, Ind. Form for concrete structures. 2,149,653; Mar. 7.
Winandy, Mike, Richmond, Ind. Greenhouse bench. 2,150,257; Mar. 14.
Winans, Charles F. (See Adkins, H., and Winans.)
Winans, Charles F., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Stabilization of dithiocarbamates. 2,150,475; Mar. 14.
Winans, Charles F., Akron, Ohio, assignor to Wingfoot Corporation, Wilmington, Del. Plasticizer. 2,165,951; July 11.
Winans, Edwin O., Denver, Colo. Motor. 2,162,771; June 20.

Winans, Jay A. (See Judson, William B., assignor.)
Winch, Reuben E., Dallas, Tex., assignor to The B. F. Goodrich Company, New York, N. Y. Conveyor belt. 2,168,013; Aug. 1.
Wincharger Corporation. (See Albers, Gerhard H., assignor.)
Wincharger Corporation. (See Prince, John, assignor.)
Winchester, Armstead C., Hollywood, Calif., assignor to RKO Studios, Inc. Film marking device. 2,151,822; Mar. 28.
Winchester, John B., Los Angeles, Calif. Terminal clamp. 2,152,832; Apr. 4.
Winchester Manufacturing Company, Frederick C. Stauffen. (See Griffith, Arthur L., assignor.)
Winchester Repeating Arms Company. (See Lines, Clifford R., assignor.)
Winchester Repeating Arms Company. (See Roemer, Wiliam C., assignor.)
Winckler Engineering Laboratories Incorporated. (See Winckler, Gunnar A. F., assignor.)
Winckler, Gunnar A. F., Worcester, assignor to Winckler Engineering Laboratories Incorporated, Boston, Mass. Generator for emergency lamps. 2,147,116; Feb. 14.
Winckler, Gunnar A. F., Worcester, assignor to Winckler Engineering Laboratories Incorporated, Boston, Mass. Multiple cell generator with single electrolyte. 2,177,235; Oct. 24.
Windberger, Othmar, Steyr, Austria. Radiator arrangement for motor vehicles. 2,161,690; June 6.
Windecker, Charles E., et al., executors. (See Windecker, Clifton N.)
Windecker, Clifton N., deceased, Painesville, Ohio; R. E. Windecker, I. W. Alonso, and C. E. Windecker, executors. Clinker cooler. 2,153,112; Apr. 4.
Windecker, Robert E., et al., executors. (See Windecker, Clifton N.)
Windecker, Robert E., Painesville, Ohio. Making beryllium oxide. 2,148,520; Feb. 28.
Windeknecht, John G. (See Mullenix, C. S., and Windeknecht.)
Windelband, Hedi, administratrix. (See Winter, E., Lückerath, and Windelband.)
Windelband, Paul. (See Winter, E., Lückerath, and Windelband.)
Windeler, Alfred S., Baltimore, Md., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Fabricating tubular structures. 2,182,330; Dec. 5.
Winder, George L., Cuyahoga Falls, assignor to American Anode Inc., Akron, Ohio. Inhalator facepiece. 2,175,713; Oct. 10.
Winders, Robert C., Huntington Park, Calif. Coil spring forming machine. 2,165,600; July 11.
Winding, Bess, Croton on Hudson, N. Y. Toilet seat and cover. 2,155,286; Apr. 18.
Winding, Ove K., New York, N. Y. Propel scooter. 2,148,919; Feb. 28.
Winding, Walter G., Milwaukee, Wis. Form for concrete curb and gutter work. 2,180,842; Nov. 21.
Windsor, Charles H., Palmyra, N. J. Basin. 2,147,805; Feb. 21.
Wine, William E., Toledo, Ohio. Railway car. 2,160,450; May 30.
Winegar, Edmund M., Willoughby, assignor to The Ohio Rubber Company, Cleveland, Ohio. Press. 2,142,581; Jan. 3.
Winegar, Edmund M., assignor to The Ohio Rubber Company, Willoughby, Ohio. Press. 2,160,805; June 6.
Winegar, Edmund M., assignor to The Ohio Rubber Company, Willoughby, Ohio. Vulcanizing press. 2,182,833; Dec. 12.
Winegar, Edmund M., Willoughby, and F. L. Dawes, Kent, assignors of one-half to The Ohio Rubber Company, Willoughby, and one-half to The Adamson Machine Company, Akron, Ohio. Press. 2,171,511; Aug. 29.
Winegarden, Howard M., Oakland, assignor to Cutter Laboratories, Berkeley, Calif. Anthrax vaccine. 2,151,364; Mar. 21.
Wineman, Wade H., Coolspring Township, La Porte County, Ind., assignor to Sullivan Machinermy Company. Expansible chamber motor. 2,156,326; May 2.
Wineman, Wade H., Coolspring Township, La Porte County, Ind., assignor to Sullivan Machinery Company. Pressure fluid motor. 2,159,467; May 23.
Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Motor and control device therefor. 2,172,267; Sept. 5.
Wineman, Wade H., Michigan City, Ind., assignor to Sullivan Machinery Company. Motor. 2,184,932; Dec. 26.
Winer Manufacturing Co. (See Reeves, Byron H., assignor.)
Wines, William B. (See Purdy, C. A., and Wines.)
Wing, Jack, South Woodford, England. Holder or container for dentures and other articles. 2,163,862; June 27.
Winget Limited. (See Stancliffe, Cecil W., assignor.)
Wingfield, Grover L., Sandstone, W. Va. Animal trap. 2,161,789; June 13.
Wingfoot Corporation. (See Berwick, Jo D., assignor.)
Wingfoot Corporation. (See Calvert, William C., assignor.)
Wingfoot Corporation. (See Clifford, Albert M., assignor.)
Wingfoot Corporation. (See Cooper, James F., assignor.)
Wingfoot Corporation. (See Cramer, Howard I., assignor.)
Wingfoot Corporation. (See Crum, H. W., and Brown, assignors.)
Wingfoot Corporation. (See Endres, Herbert A., assignor.)
Wingfoot Corporation. (See Gage, John R., assignor.)
Wingfoot Corporation. (See Gehman, Samuel D., assignor.)
Wingfoot Corporation. (See Holden, James B., assignor.)
Wingfoot Corporation. (See Kimmich, E. G., and Cutler, assignors.)
Wingfoot Corporation. (See Lauter, Werner M., assignor.)
Wingfoot Corporation. (See Lee, Walter J., assignor.)
Wingfoot Corporation. (See Lighty, Joy G., assignor.)
Wingfoot Corporation. (See Low, Marshall, assignor.)
Wingfoot Corporation. (See Scott, Winfield, assignor.)
Wingfoot Corporation. (See Sebrell, Lorin B., assignor.)
Wingfoot Corporation. (See Sebrell, L. B., and Clifford, assignors.)
Wingfoot Corporation. (See Smith, Claude H., assignor.)
Wingfoot Corporation. (See Sperberg, Lawrence R., assignor.)
Wingfoot Corporation. (See Teppema, Jan, assignor.)
Wingfoot Corporation. (See ter Horst, William P., assignor.)
Wingfoot Corporation. (See Thomas, Joseph C., assignor.)
Wingfoot Corporation. (See Urquhart, W. R., and Templeton, assignors.)
Wingfoot Corporation. (See Watt, George W., assignor.)
Wingfoot Corporation. (See Winans, Charles F., assignor.)
Wininger, Bert P., Duncan, assignor of forty per cent to H. Strachan, Stephens County, Okla. Connector for bailers and sand pumps. 2,152,298; Mar. 28.
Winkel, Mabel, New York, N. Y Shoe. 2,173,702; Sept. 19.
Winkeler, Hermann, Ludwigshafen-on-the-Rhine, and E. Fisher, Bad Soden in Taunus, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs and their production. 2,152,007; Mar. 28.
Winkeler, Hermann, Ludwigshafen-on-the-Rhine, and A. Petz, Mannheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Polyazo dyestuffs. 2,157,876; May 9.
Winkeler, Hermann, Ludwigshafen-on-the-Rhine and A. Petz, Mannheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Polyazo dyestuffs. 2,157,877; May 9.
Winkelmann, Herbert A., assignor to Marbon Corporation, Chicago, Ill. Phenol-aldehyde rubber hydrochloride compositions. 2,145,412; Jan. 31.
Winkelmann, Herbert A., Chicago, assignor to Marbon Corporation, Chicago, Ill. Gasket composition. 2,164,368; July 4.
Winkelmann, Herbert A., assignor to Marbon Corporation, Chicago, Ill. Dispersions. 2,174,673; Oct. 3.
Winkelmann, Herbert A., assignor to Marbon Corporation, Chicago, Ill. Plasticized composition. 2,174,674; Oct. 3.
Winkelmann, Herbert A., assignor to Marbon Corporation, Chicago, Ill. Tiling. 2,177,413; Oct. 24.
Winkelmann, Herbert A., assignor to Marbon Corporation, Chicago, Ill. Insulated electrical conductor. 2,181,632; Nov. 28.
Winkelmann, Herbert A., and E. W. Moffett, Chicago, Ill., assignors to Marbon Corporation. Composite product. 2,147,620; Feb. 14.
Winkelmann, Herbert A., and E. W. Moffett, Chicago, Ill., assignors to Marbon Corporation. Cyclic halogen containing rubber derivatives. 2,149,484; Mar. 7.
Winkelmann, Herbert A., Chicago, and J. P. McKenzie, Evanston, assignors to Marbon Corporation, Chicago, Ill. Fluid ester gum composition. 2,154,798; Apr. 18.
Winkelmann, Herbert A., and E. W. Moffett, Chicago, and W. C. Calvert, Oak Park, Ill., assignors to Marbon Corporation. High temperature reaction products. 2,164,367; July 4.
Winkelmann, Herbert A., and E. W. Moffett, Chicago, Ill., assignors to Marbon Corporation. Rubber hydrohalide-salicylic acid ester compositions. 2,167,381; July 25.
Winkelmeyer, Robert D. (See Mead, H. C., and Winkelmeyer.)
Winkelmeyer, Robert D. (See Michel, C. A., Winkelmeyer, and Mead.)
Winkler, Albert H., assignor to Bendix Products Corporation, South Bend, Ind. Engine starting mechanism. 2,152,124; Mar. 28.
Winkler, Albert H., assignor to Bendix Products Corporation, South Bend, Ind. Carburetor. 2,163,904; June 27.
Winkler, Frederic C., Lakewood, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lighting fixture. 2,154,296; Apr. 11.
Winkler, Frederic C., Lakewood, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Lighting fixture. 2,157,945; May 9.
Winkler, Fritz. (See Duftschmid, F., Linch, and Winkler.)
Winkler, Fritz. (See Giller, F., and Winkler.)
Winkler, Fritz. (See Haeuber, H., and Winkler.)

Winkler, George D., Stark County, near Dalton, assignor to Tyson Roller Bearing Corporation, Massilion, Ohio. Machine for centerless grinding articles such as tapered rollers. 2,151,365; Mar. 21.
Winkler, Joseph F., Philadelphia, Pa. Air and combustion products recovery system and apparatus therefor. 2,160,187; May 30.
Winkler, Jozef. (See Bauer, K., v. Piotrowski, Burstin, and Winkler.)
Winkler, Jozef. (See v. Piotrowski, W. J., and Winkler.)
Winkler, Kaspar, Lugano-Crocifisso, Casa Crocifisso, Switzerland. Hydraulic cement. 2,174,051; Sept. 26.
Winkler, Nathan B., Brooklyn, assignor to La France Jewelry Shop, New York N. Y. Safety clasp. 2,181,222; Nov. 28.
Winkler, Ralph E., Helena, Mont. Clothespin. 2,162,045; June 13.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Apparatus for use in applying pressure to shoe bottoms. 2,160,950; June 6.
Winkley, Erastus E., Lynn, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Lasting machine. 2,182,834; Dec. 12.
Winnacker, Karl. (See Kiesskalt, S., Tampke, Winnacker and Weingaertner.)
Winning, Robert K., Wauwatosa, assignor to Clum Manufacturing Company, Milwaukee, Wis. Motor vehicle switch. 2,171,073; Aug. 29.
Winograd, Harold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric valve protective system. 2,142,546; Jan. 3.
Winograd, Harold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric valve control system. 2,164,792; July 4.
Winograd, Harold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric valve protective system. 2,169,202; Aug. 8.
Winograd, Harold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric valve protective system. 2,174,432; Sept. 26.
Winograd, Harold, assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Electric valve control system. 2,175,724; Oct. 10.
Winship, Edward J., Baltimore, Md., assignor to Corning Glass Works, Corning, N. Y. Glass construction block and wall assembly. 2,162,987; June 20.
Winship, Leslie W., Los Angeles, Calif. Tank valves. 2,158,452; May 16.
Winship, Ralph B., Montreal, Quebec, Canada. Railway refrigerator car. 2,182,652; Dec. 5.
Winslow, Edward N., Shaker Heights, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Apparatus for capping bottles. 2,149,377; Mar. 7.
Winslow, Edward N., Shaker Heights, Ohio, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Packaging. 2,149,378; Mar. 7.
Winslow, Robert H., and M. J. Sheffield, West Hartford, Conn. Lock. 2,165,775; July 11.
Winslow, Seth L. (See Ayres, H. R., and Winslow.)
Winsor & Jerauld Manufacturing Company. (See MacKnight, Harry A., assignor.)
Winter, Alexander J., Toronto, Ontario, Canada. Tie support. 2,165,913; July 11.
Winter, Alfred N. (See De Foe, J. C., and Winter.)
Winter, Arthur B. (See Bowsky, M. C., and Winter.)
Winter Brothers Company. (See Swenson, Oscar, assignor.)
Winter, Carl. (See Wolff, P. H., Heim, Winter, and Bettag.)
Winter, Carl, and N. Roh, Ludwigshafen-on-the-Rhine, P. Wolff and G. Schaefer, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Polymethine dyestuffs and making same. 2,155,459; Apr. 25.
Winter, Carl, and N. Roh, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Polymethine dyestuffs. 2,164,793; July 4.
Winter, Charles W., Jr. (See Sullinger, F. W., and Winter.)
Winter, Charles W., Jr., Coconut Grove, Fla., assignor to Pan American Airways Corporation, Jersey City, N. J. Telegraph transmitter. 2,170,884; Aug. 29.
Winter & Company. (See Heller, Henry R., assignor.)
Winter, Courtney P., assignor to United States Paper Mills, Inc., Chambersburg, Pa. Towel dispensing cabinet. 2,153,113; Apr. 4.
Winter, Courtney P., and D. A. Rosenthal, assignors to United States Paper Mills, Inc., Chambersburg, Pa. Shipping and dispensing package. 2,143,614; Jan. 10.
Winter, Ernst, Braunsfeld, Cologne, and H. Polack, Knapsack, Cologne, assignors to Aktiengesellschaft für Stickstoffdünger, Knapsack near Cologne-on-the-Rhine, Germany. Nondusting calcium cyanamide and preparing same. 2,161,328; June 6.
Winter, Ernst, Cologne-Braunsfeld, F. Lückerath, Hermulheim, near Cologne, and P. Windelband, deceased, Knapsack, near Cologne (H. Windelband, administratrix), assignors to Aktiengesellschaft für Stickstoffdünger, Knapsack, near Cologne-on-the-Rhine, Germany. Preparing calcium carbide. 2,177,621; Oct. 24.
Winter, Ernst, Cologne-Braunsfeld, F. Lückerath, Hermulheim, Kreis Cologne-on-the-Rhine, and P. Windelband, deceased, Knapsack, near Cologne-on-the-Rhine (H. Windelband, administratrix, Wiesbaden), assignors to Aktiengesellschaft für Stickstoffdünger, Knapsack, near Cologne-on-the-Rhine, Germany. Electric furnace for the production of calcium carbide. 2,177,622; Oct. 24.
Winter, Ernst, Cologne-Braunsfeld, and H. Polack, assignors to Aktiengesellschaft für Stickstoffdünger, Knapsack, near Cologne-on-the-Rhine, Germany. Preparing calcium cyanamide. 2,180,382; Nov. 21.
Winter, Fred H. (See Lauder, A. H., and Winter.)
Winter, Fred H., Schenectady, N. Y., assignor to General Electric Company. Control system. 2,151,174; Mar. 21.
Winter, Fred H., Schenectady, N. Y., assignor to General Electric Company. Method and apparatus for synchronizing synchronous machines. 2,160,690; May 30.
Winter, Herbert, Buchschlag, in Hessia, and W. Fahrenhorst, and E. Schmid, Frankfort-on-the-Main, Germany assignors to The New Jersey Zinc Company, New York, N. Y. Working zinc alloys. 2,169,441; Aug. 15.
Winter, Irving A., et al. (See Krassner, Irving, assignor.)
Winter, Louis, Reiffton, Pa. Oil burning apparatus. 2,184,967; Dec. 26.
Winterbauer, Henry T., assignor to John T. Clark Company, Chicago, Ill. Playing ball. Re. 21,115; June 13.
Winterhalter, Martin, Morcote-Castello, near Lugano, Switzerland. Apparatus for the manufacture of sliding clasp fasteners. 2,184,265; Dec. 19.
Wintermute, Harry A. (See Meston, A. F., and Wintermute.)
Wintermute, Harry A., Plainfield, N. J., assignor, by mesne assignments, to Behr-Manning Corporation. Determining electrical characteristics. 2,166,385; July 18.
Wintermute, Harry A., Plainfield, N. J., assignor to Research Corporation, New York, N. Y. Gas treatment. 2,171,617; Sept. 5.
Wintermute, Harry A., Plainfield, N. J., assignor to Research Corporation, New York, N. Y. Gas treater. 2,172,304; Sept. 5.
Wintermute, Harry A., Plainfield, N. J., assignor, by mesne assignments, to Behr-Manning Corporation. Production of pile-surfaced materials. 2,173,032; Sept. 12.
Winters & Crampton Corporation. (See Anderson, Lloyd L., assignor.)
Winters & Crampton Corporation. (See De Voe, G. E., and Mark, assignors.)
Winters, Jacob E., Huntington Beach, assignor of thirty per cent to M. R. Williams, Los Angeles, and thirty per cent to C. E. Burkhard, Huntington Beach, Calif. Stuffing box. 2,159,306; May 23.
Winters, John, New York, N. Y. Condenser for refrigerators. 2,181,354; Nov. 28.
Winters, Leo, Detroit, Mich. Collapsible house trailer. 2,181,844; Nov. 28.
Winters, Wilbur H., Scarsdale, N. Y. assignor to The American Brake Shoe and Foundry Company, Wilmington, Del. Brake shoe. 2,145,701; Jan. 31.
Winther, Martin P. (See Test, E. W., Winther, and Peterson.)
Winthrop Chemical Company. (See Behnisch, R., Klarer, and Mietzsch, assignors.)
Winthrop Chemical Company. (See Bockemüller, Wilhelm, assignor.)
Winthrop Chemical Company. (See Bockmühl, M., and Ehrhardt, assignors.)
Winthrop Chemical Company. (See Bockmühl, M., Ehrhart, and Ruschig, assignors.)
Winthrop Chemical Company. (See Böckmuhl, M., Ehrhart, Ruschig, and Aumüller, assignors.)
Winthrop Chemical Company. (See Bockmühl, M., Ehrhart, and Stein, assignors.)
Winthrop Chemical Company. (See Bockmühl, M., and Hermann, assignors.)
Winthrop Chemical Company. (See Bockmühl, M., Middendorf, and Starck, assignors.)
Winthrop Chemical Company. (See Bockmühl, M., and Sievers, assignors.)
Winthrop Chemical Company. (See Eisleb, Otto, assignor.)
Winthrop Chemical Company. (See Heineman, Paul G., assignor.)
Winthrop Chemical Company. (See Henecka, Hans, assignor.)
Winthrop Chemical Company. (See Herzig, P., and Kükenthal, assignors.)
Winthrop Chemical Company. (See Hofmann, Conrad, assignor.)
Winthrop Chemical Company. (See Hofmann, C., and Kneip, assignors.)
Winthrop Chemical Company. (See Klingel, H., and MacLennan, assignors.)
Winthrop Chemical Company. (See Kuhn, R., and Grundmann, assignors.)
Winthrop Chemical Company. (See Lautenschlager, C. L., and Ludwig, assignors.)
Winthrop Chemical Company. (See Lautenschläger, C. L., Lindner, Rigler, and Schaumann, assignors.)
Winthrop Chemical Company. (See Lehmann, Erich, assignor.)

Winthrop Chemical Company. (See Ludwig, Willy, assignor.)
Winthrop Chemical Company. (See Maier-Rode, H., Brodersen, and Behncke, assignors.)
Winthrop Chemical Company, Inc. (See Mietzsch, F., and Klarer, assignors.)
Winthrop Chemical Company. (See Pfeiffer, Gustav, assignor.)
Winthrop Chemical Company. (See Puetzer, Bruno, assignor.)
Winthrop Chemical Company. (See Ripke, O., and Döttl, assignors.)
Winthrop Chemical Company. (See Schrader, G., and Bayer, assignors.)
Winthrop Chemical Company. (See Stötter, H., and Hermann, assignors.)
Winthrop Chemical Company. (See Streitwolf, K., Fehrle, and Herrmann, assignors.)
Winthrop Chemical Company. (See Szent-Györgyi, Albert, assignor.)
Winthrop Chemical Company. (See Weissenborn, Albert, assignor.)
Winton, Lewis B., Greenwich, Conn., assignor to American Sealcone Corporation, New York, N. Y. Container filling apparatus. 2,168,380; Aug. 8.
Wintringham, William T. (See Ring, D. H., and Wintringham.)
Wintringham, William T., Chatham, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Phase changer. 2,147,728; Feb. 21.
Wintritz, George, Staten Island, N. Y., and F. Ulrich, assignors to Conmar Products Corporation, Bayonne, N. J. Counter. 2,167,259; July 25.
Wintzer, Rudolf, assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Connecting rod and the like. 2,146,493; Feb. 7.
Wintzer, Rudolf, assignor to Nordberg Manufacturing Company, Milwaukee, Wis. Engine structure. 2,150,535; Mar. 14.
Winzenburg, Wilhelm. (See Küppenbender, H., and Winzenburg.)
Wiora, Joseph A., Chicago, Ill. Battery carrier. 2,158,646; May 16.
Wired Radio, Inc. (See Butler, Henry R., assignor.)
Wired Radio, Inc. (See Curtis, Richard C., assignor.)
Wired Radio, Inc. (See Scheibell, Gordon B., assignor.)
Wired Radio, Inc. (See Walter, John C., assignor.)
Wiremold Company, The. (See La Ducer, Arthur O., assignor.)
Wiremold Company, The (See Rutherford, Charles E., assignor.)
Wirkler, Walter H., Garnavillo, Iowa, assignor to Collins Radio Company. Single side-band transmitter. 2,173,145; Sept. 19.
Wirth, Albert E. (See Gregg, R. G., and Wirth.)
Wirth, Charles G., Fair Oaks, Pa. Electrical connector. 2,170,359; Aug. 22.
Wirth, Dorsey M., Bucyrus, Ohio. Belt buckle. 2,147,619; Feb. 14.
Wirth, Emil H., assignor to the Firma Emil Wirth Wirkmaschinenfabrik, Hartmannsdorf, near Chemnitz, Germany. Laying machine guide for warp knitting machines. 2,166,032; July 11.
Wirth, Emil, Wirkmaschinenfabrik, Firma. (See Wirth, Emil H., assignor.)
Wirth, Robert, Beckum, assignor of one-third to E. Willmeroth and one-third to H. Behrisch, Hamburg, Germany. Apparatus for treating linseed-drying oil, resins, and copals. 2,146,164; Feb. 7.
Wirth, Walter V. (See Bowlus, H. G., and Wirth.)
Wirtz, George L. (See Payne, C. R., and Wirtz.)
Wirtz, John, Port Huron, Mich. Mold. 2,177,048; Oct. 24.
Wirz, A. H., Inc. (See Barker, Edwin H., assignor.)
Wirz, Emil, Biel, Switzerland. Transformer. Re. 21,116; June 13.
Wirz, Emil, Biel, Switzerland. Shell type transformer. 2,145,703; Jan. 31.
Wisconsin Alumni Research Foundation. (See Hart, E. B., Griem, and Clifcorn, assignors.)
Wise, Benjamin H., North Olmsted, Ohio. Stove. 2,163,165; June 20.
Wise, Edmund M., Westfield, N. J., and J. T. Gow, Columbus, Ohio, assignors to The International Nickel Company, Inc., New York, N. Y. Creep resistant structural element subject to high temperature in use. 2,174,025; Sept. 26.
Wise, Edwin B. (See Beall, I. N., and Wise, J. B. and E. B.)
Wise, Elmer L., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Work holding means for typewriting machines. 2,152,944; Apr. 4.
Wise, Elmer L., Bridgeport, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,179,705; Nov. 14.
Wise, George W., Williston, N. Dak. Water current motor. 2,161,215; June 6.
Wise, John B. (See Beall, I. N., and Wise, J. B. and E. B.)
Wise, Mack. (See Devary, F., and Wise.)
Wise, Raleigh J., Dunellen, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Telegraphic transmission of intelligence. 2,153,858; Apr. 11.
Wise, Raleigh J., Dunellen, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. System and apparatus for facsimile telegraphy. 2,158,391; May 16.
Wise, Raleigh J., Dunellen, N. J., assignor to The Western Union Telegraph Company, New York, N. Y. Signal producing means. 2,176,442; Oct. 17.
Wise, Raleigh J., Dunellen, and F. L. O'Brien, Lyndhurst, N. J., assignors to The Western Union Telegraph Company, New York, N. Y. Electrostatic recording mechanism. 2,173,741; Sept. 19.
Wiseman, Fred B., Denver, Colo. Cabinet. 2,158,713; May 16.
Wiseman, Jacob I., Middletown, N. Y. Airtight receptacle. 2,166,885; July 18.
Wiseman, Philip, et al., trustees. (See Dolbear, Clinton E., assignor.)
Wiseman, P. Kenneth, et al., trustees. (See Dolbear, Clinton E., assignor.)
Wishart, William W., Chicago, Ill. Compressor. 2,155,460; Apr. 25.
Wisher, Charles, Spencerville, Ohio. Road cleaning device. 2,180,269; Nov. 14.
Wishinsky, William, New York, N. Y. Vegetable and fruit press. 2,154,649; Apr. 18.
Wishinsky, William, New York, N. Y. Grater. 2,154,650; Apr. 18.
Wiskemann, Franz. (See Nikles, P., and Wiskemann.)
Wisler, Allen E., and H. B. Woods, assignors to Hughes Tool Company, Houston, Tex. Hard facing alloy. 2,179,836; Nov. 14.
Wisman, Lauren O., Walnut Creek, assignor to E. D. Bullard Company, San Francisco, Calif. Hat. 2,159,681; May. 23.
Wisniewski, Joseph, Mount Vernon, Wash. Swarm-controlling section hive. 2,162,413; June 13.
Wisoff, Isaac J., Brooklyn, N. Y. Apparatus for producing decorative material. 2,157,583; May 9.
Wissler, William A. (See Lerch, R. L., and Wissler.)
Wissman, Reuben E., assignor to The Minster Machine Company, Minster, Ohio. Combined clutch and brake for presses. 2,180,218; Nov. 14.
Wissmann, Ludwig, Baltimore, Md. Letter card. 2,168,920; Aug. 8.
Wisspeintner, Christian. (See Scheppmann, W., and Wisspeintner.)
Witchger, Eugene J., assignor to The Lufkin Rule Company, Saginaw, Mich. Spring nut. 2,151,255; Mar. 21.
Witchger, Eugene J., assignor to The Lufkin Rule Company, Saginaw, Mich. Coiling device for measuring rules. 2,184,448; Dec. 26.
Witham, Raymond L., Mountain Lake, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Salinity indicator system. 2,150,015; Mar. 7.
Witherly, William C., Vancouver, British Columbia, Canada. Differential. 2,146,165; Feb. 7.
Witherow, William P. (See Henderson, Albert, assignor.)
Witherspoon, David J., New York, N. Y., assignor to Bee-Ko Company. Apparatus for tracing curved lines. 2,156,417; May 2.
Witherspoon, John C., Donora, Pa., assignor to The American Steel and Wire Company of New Jersey. Manufacture of steel. 2,181,468; Nov. 28.
Withington, Winthrop, Shaker Heights, assignor to The American Fork & Hoe Company, Cleveland, Ohio. Weed cutting implement. 2,151,577; Mar. 21.
Witkin, B. E. (See Marvin, Stanley, assignor.)
Witman, William W., Harrisburg, Pa. Folding chair. 2,178,195; Oct. 31.
Witmer, Earl D., Alhambra, Calif. Ice creeper. 2,171,618; Sept. 5.
Witmer, Paul B., Lancaster, Pa. Typewriter case. 2,178,196; Oct. 31.
Witt, George A., Saginaw, assignor, by mesne assignments, to Metal Display Equipment Company, Muskegon, Mich. Rope measuring device. 2,165,776; July 11.
Witt, Harry, New Rochelle, assignor to Atlas Appliance Corporation, Brooklyn, N. Y. Amusement ride. 2,173,703; Sept. 19.
Witt Ice & Gas Co. (See Houghton, Harry S., assignor.)
Witt, Joshua C., Chicago, Ill. Pipe lining cement. 2,182,714; Dec. 5.
Witt, Rudolf. (See Hass, C., Witt, and Quade.)
Witt, Samuel E. (See Pierce, Frank H., assignor.)
Wittcoff, Edward, University City, Mo. Head covering. 2,147,872; Feb. 21.
Wittcoff, Edward, University City, Mo. Head covering. 2,147,873; Feb. 21.
Wittcoff, Edward, University City, assignor to Caradine Hat Company, St. Louis, Mo. Hat. 2,162,149; June 13.
Witte, Erich, Hagen, assignor to Accumulatoren-Fabrik Aktiengesellschaft, Berlin, Germany. Method of and system for measuring the state of charge or discharge of secondary batteries. 2,161,495; June 6.
Witte, Samuel. (See Kruger, L., and Witte.)
Witte, Paul, New Milford, assignor to White Metals Manufacturing Company, Hoboken, N. J. Apparatus for forming blanks for collapsible tubes. 2,172,745; Sept. 12.
Wittel, Otto, Rochester, N. Y., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Ejector for motion picture apparatus of the magazine type. 2,153,220; Apr. 4.

Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Adapter for miniature lantern slides. 2,153,221; Apr. 4.
Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Spring latch for lantern slide frames. 2,161,396; June 6.
Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Photographic apparatus. 2,169,013; Aug. 8.
Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Film sprocket. 2,176,517; Oct. 17.
Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Lens mount adapter. 2,180,027; Nov. 14.
Wittel, Otto, assignor to Eastman Kodak Company, Rochester, N. Y. Shutter setting and film winding mechanism. 2,180,028; Nov. 14.
Wittel, Otto, and C. J. Hughey, assignors to Eastman Kodak Company, Rochester, N. Y. Antifriction support for a film holder and a driving clutch for motion picture apparatus. 2,183,522; Dec. 19.
Wittemann Company, The. (See Tiedman, Clarence C., assignor.)
Wittenberg, Edward H., assignor to National Pressure Cooker Company, Eau Claire, Wis. Pressure cooker. 2,177,123; Oct. 24.
Wittenberg, Erich, Berlin-Schoneberg, Germany. End stop member for separable fasteners. 2,161,329; June 6.
Wittenberg, Lester, New Rochelle, assignor to The Barrett Company, New York, N. Y. Shingle. 2,178,273; Oct. 31.
Wittenmyer, Carlos, Mount Clemens, Mich. Typewriter. 2,146,874; Feb. 14.
Wittenmyer, Carlos, Mount Clemens, Mich., assignor to International Business Machines Corporation, New York, N. Y. Typewriting machine. 2,174,713; Oct. 3.
Witter, Leon A., Parma, Ohio. Piston skirt expander. 2,167,287; July 25.
Wittich, Edward H., Beverly, assignor to Hygrade Sylvania Corporation, Salem, Mass. Making electron-emitting cathodes. 2,172,326; Sept. 5.
Wittig, Carl H. O., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Binocular loupe. 2,155,575; Apr. 25.
Wittig, Rudolf. (See Fulda, W., and Wittig.)
Witting, Albin G., Gary, Ind. Metallurgical furnace. 2,160,610; May 30.
Witting, Albin G., and J. F. Headlee, Gary, Ind. Rail treatment furnace and control means therefor. 2,167,922; Aug. 1.
Wittlinger, Charles F. (See Elsey, G. W., and Wittlinger.)
Wittman, Frederick M., Fairmont, and H. H. Parrack, Barrackville, W. Va. Mine prop. 2,158,018; May 9.
Wittman, Sylvester J., Oshkosh, Wis. Airplane landing gear. 2,163,653; June 27.
Wittmann, Marie, New York, N. Y. Doll. 2,144,436; Jan. 17.
Wittmann, Marie, New York, N. Y. Eye for dolls. 2,148,888; Feb. 28.
Witts, Alfred T., Cheam, Surrey, England, assignor to Radio Corporation of America. Superheterodyne receiver. 2,144,355; Jan. 17.
Wittwer, Max. (See Schuette, H., and Wittwer.)
Witzel, Earl R. (See Humbert, R. L., and Witzel.)
Witzel, Ernst. (See Young, F. M., and Witzel.)
Witzenmann, Emil, Pforzheim, Baden, Germany. Pneumatic tire. 2,166,511; July 18.
Woare, Amanda S., Devon, Mont. Leg protector. 2,165,601; July 11.
Wochinger, Eduard. (See Jauch, E., and Wochinger.)
Wochinger, Eduard. (See Langer, M., Wochinger, and Kuchley.)
Wochinger, Eduard, Berlin, assignor to Siemens & Halske Aktiengesellschaft, Wernerwerk Siemensstadt, near Berlin, Germany. Telephone system. 2,142,664; Jan. 3.
Wochner, Henry, Rock Island, Ill. Coupling plate for wheel presses. 2,171,282; Aug. 29.
Wochner, Henry, assignor to Bear Manufacturing Company, Rock Island, Ill. Brake testing apparatus for motor vehicles. 2,171,283; Aug. 29.
Wodack Electric Tool Corporation. (See Wodack, O. P., and Haas, assignors.)
Wodack Electric Tool Corporation. (See Wodack, O. P., and Zschau, assignors.)
Wodack, Oscar P., and H. M. Zschau, assignors to Wodack Electric Tool Corporation, Chicago, Ill. Tool retainer for portable power driven tools. 2,154,651; Apr. 18.
Wodack, Oscar P., River Forest, and J. F. Haas, Forest Park, assignors to Wodack Electric Tool Corporation, Chicago, Ill. Portable tool. 2,175,499; Oct. 10.
Wodtke, Hans V., Marion, Ind., assignor to Anaconda Wire & Cable Company, New York, N. Y. Cushion cap for insulated cables. 2,145,705; Jan. 31.
Wodtke, Hans V., Marion, Ind., assignor to Anaconda Wire & Cable Company, New York, N. Y. Flexible stranded conductor. 2,154,551; Apr. 18.
Woeckel, Ernst. (See Lenz, K., and Woeckel.)
Woelfel, Charles A., Sr., Allison Park, Pa. Sleeve lengthening means. 2,177,587; Oct. 24.
Woermann, Jacob, Glendale, Long Island, N. Y. Film mutilator. 2,164,980; July 4.
Woerner, Eugen, Stuttgart-Feuerbach, Germany. Chainless cycle with pedal levers. 2,168,110; Aug. 1.
Woernle, Harry E., assignor to McKinney Manufacturing Company, Pittsburgh, Pa. Latch. 2,184,879; Dec. 26.
Wogeck, Walter, Waldersee, near Dessau, Germany, assignor to Junkers Flugzeug-und-Motorenwerke Aktiengessellschaft. Measuring device. 2,178.293; Oct. 31.
Woglom, Albert G., Melrose Highlands, Mass. Cigarette package. 2,180,753; Nov. 21.
Wohinc, Louie, Weston, W. Va. Means and method for making glassware. 2,156,613; May 2.
Wohinc, Louie, Weston, W. Va. Mold support and separating device. 2,161,397; June 6.
Wohl, Jacob, Union City, N. J. Necktie. 2,148,973; Feb. 28.
Wohlfarth, Otto, assignor to Allgemeine Elektricitats Gesellschaft, Berlin, Germany. Tuning element for broadcast receiver sets. 2,159,754; May 23.
Wohlfarth, Otto, Berlin, and G. de Niem, Berlin-Lankwitz, assignors to Allgemeine Elektricitats Gesellschaft, Berlin, Germany. Amplifier arrangement. 2,144,237; Jan. 17.
Wohlfarth, Otto, and W. Patzschke, assignors to Allgemeine Elektricitatz Gesellschaft, Berlin, Germany. Heterodyne receiver. 2,171,679; Sept. 5.
Wohlfarth, Reinhard M., assignor to Aktiengesellschaft vorm. Seidel & Naumann, Dresden, Germany. Optical profile grinding machine. 2,164,169; June 27.
Wohlk, Aage, Great Neck, N. Y. Reclining chair. 2,143,098; Jan. 10.
Wohlrab, Hans C., Berlin-Wilmersdorf, assignor to Klang film Gesellschaft mit beschrankter Haftung, Berlin, Germany. Measuring the quality of an optical slit. 2,180,972; Nov. 21.
Wohlwill, Max. (See Koolman, C. T. D., Siecke, and Wohlwill.)
Woida, Arthur F., Milwaukee, Wis. Attachment for steering gears of motor vehicles. 2,159,644; May 23.
Woitynek, Paul, Peoria, Ill. Trimmer. 2,151,413; Mar. 21.
Wojcik, Bruno H., Niagara Falls, assignor to Hooker Electrochemical Company, New York, N. Y. Production of dialkylbenzenoid sulphides. 2,185,007; Dec. 26.
Wojcik, Bruno H., Niagara Falls, assignor to Hooker Electrochemical Company, New York, N. Y. Di-alkylbenzenoid sulphides and their production. 2,185,008; Dec. 26.
Wojtkowiak, Hans, Lansdale, Pa., assignor to Luminor Electric Company, Union City, N. J. Gaseous electric discharge system. Re. 21,233; Oct. 10.
Wolchek, William H., Walnut Grove, Mo. Control means for transmission mechanisms. 2,163,507; June 20.
Wolcott, Frank E., West Hartford, assignor to The Silex Company, Hartford, Conn. Stove and grate therefor. 2,161,496; June 6.
Wolcott, Hollis W., Mount Vernon, Ohio. Pick or plectrum. 2,170,179; Aug. 22.
Wold, Frank E., Santa Monica, Calif. Vibrator mechanism. 2,144,437; Jan. 17.
Wolf, Abraham, assignor to Noma Electric Corporation, New York, N. Y. Electric light socket. 2,183,377; Dec. 12.
Wolf, Alexander, Lehigh, Kans. Wheel scraper. 2,151,256; Mar. 21.
Wolf, Alfon A., Garrett, Ind. Air heater. 2,165,523; July 11.
Wolf, Austin M., Plainfield, N. J. Vehicle. 2,155,287; Apr. 18.
Wolf, Austin M., Plainfield, N. J. Vehicle control system. 2,181,161; Nov. 28.
Wolf, Austin M., Plainfield, N. J. Power plant. 2,185,165; Dec. 26.
Wolf, Benjamin Co. (See Thorman, Lester K., assignor.)
Wolf, Cecil R. (See Ferris, W. D., and Wolf.)
Wolf, Cecil R., Rock Falls, assignor to Frantz Manufacturing Co., Sterling, Ill. Garage door construction. 2,166,898; July 18.
Wolf, Charles, Portland, Oreg. Timber cutter. 2,165,524; July 11.
Wolf, Charles J., Jr., assignor to Polygraphic Company of America, Inc., New York, N. Y. Bottle collar. 2,145,148; Jan. 24.
Wolf, Edgar. (See Waltmann, E., and Wolf.)
Wolf, Erich, assignor to Junkers-Flugzeug- und Motorenwerke Aktiengesellschaft, Dessau, Germany. Control of aircraft. 2,162,150; June 13.
Wolf, Eugene G., assignor to Landis Machine Company, St. Louis, Mo. Exhaust control. 2,175,368; Oct. 10.
Wolf, George J. (See Lesko, James F., assignor.)
Wolf, Günter, Finkenkrug, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Electric valve circuit. 2,184,480; Dec. 26.
Wolf, Gustav, Gutersloh, Germany. Process and machine for winding cables. 2,169,828; Aug. 15.
Wolf, Hans, H. Leuchs, and H. Saenger, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Production of porous building materials. 2,172,076; Sept. 5.
Wolf, Hermann, Koblenz-on-the-Rhine, Germany. Stabilizing device. 2,152,427; Mar. 28.
Wolf, Howard A., Philadelphia, Pa. Paper bag construction. 2,172,555; Sept. 12.
Wolf, Howard M. (See Smith, V. W., and Wolf.)
Wolf, J. F. (See Thompson, William N., assignor.)

Wolf, Jacques, & Co. (See Braun, Robert C., assignor.)
Wolf, John M., assignor of one-half to L. G. Wolf, Kansas City, Mo. Rotary internal combustion motor. 2,154,370; Apr. 11.
Wolf, Karl, Ludwigshafen-on-the-Rhine, and H. Scheuermann, Oggersheim, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Friction bodies. 2,156,828; May 2.
Wolf, Leo, Chicago, Ill. Filing device. 2,184,786; Dec. 26.
Wolf, Linford G. (See Wolf, John M., assignor.)
Wolf, Morris A., Dallas, Tex. Merchandise display rack. 2,160,050; May 30.
Wolf, Paul. (See Noll, F., and Wolf.)
Wolf Safety Lamp Co. of America, Inc. (See Anglada, Domingo, assignor.)
Wolf, Wallace J., assignor to Bastian Brothers Company, Rochester, N. Y. Signal device. 2,155,342; Apr. 18.
Wolf, Wallace J., assignor to Bastian Brothers Company, Rochester, N. Y. Spring reel tape measure. 2,172,043; Sept. 5.
Wolf, William G., Wilmerding, Pa. Tooth brush. 2,163,211; June 20.
Wolf, Wolfgang. (See Burkhardt, A., and Wolf.)
Wolfe, George M., Jr. (See Kauffmann, H. O., and Wolfe.)
Wolfe, Graff F., Minneapolis, Minn. Game. 2,155,814; Apr. 25.
Wolfe, Graff F., Minneapolis, Minn. Game. 2,163,478; June 20.
Wolfe, Halley, Long Beach, assignor to Petroleum Rectifying Company of California, Los Angeles, Calif. Method and apparatus for treating emulsions. 2,159,682; May. 23.
Wolfe, Harold F., assignor to The Murray Corporation of America, Detroit, Mich. Spring seat construction. 2,158,647; May 16.
Wolfe, John W., administrator. (See Lincoln, B. H., and Henricksen.)
Wolfe, Joseph A., Seattle, Wash. Detachable side panel for beds. 2,164,484; July 4.
Wolfe, Kinsey A., Cumberland, Md., assignor to Celanese Corporation of America. Stop motion. 2,148,665; Feb. 28.
Wolfe, Thomas L., Tallahassee, Fla. Building construction. 2,160,773; May 30.
Wolfenden, Harry C., Attleboro, Mass. Apparatus for lofting and fluffing yarns and the like. 2,157,976; May 9.
Wolfersberger, Victor N., Mount Lebanon, Pa. Railway construction. 2,146,002; Feb. 7.
Wolfert, Edward R., Wilkinsburg, and J. M. Labberton, Pittsburgh, assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooling apparatus. 2,148,414; Feb. 21.
Wolfert, Edward R., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigerating apparatus. 2,167,018; July 25.
Wolfert, Edward R., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Compressor unloader. 2,165,741; July 11.
Wolfert, Edward R., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Refrigeration apparatus and method. 2,180,493; Nov. 21.
Wolfert, Fred A., Maplewood, N. J. Display rack for lace reels. 2,182,605; Dec. 5.
Wolferz, Alfred H., Hillside, assignor to Weston Electrical Instrument Corporation, Newark, N. J. Photoelectric measuring apparatus. 2,145,147; Jan. 24.
Wolfes, Otto, Darmstadt, Germany, assignor to Merck & Co., Inc., Rahway, N. J. Therapeutically active principle from ergot and its production. 2,145,907; Feb. 7.
Wolff, Albert, Berlin-Dahlem, assignor to Deutsche Waffen- und Munitionsfabriken Aktiengesellschaft, Berlin, Germany. Machine for rolling the bases of cartridge cases. 2,184,030; Dec. 19.
Wolff, Georg. (See Edhofer, G., and Wolff.)
Wolff, Hanns-Heinz, Berlin, Germany, assignor, by mesne assignments, to Loewe Radio, Inc. Cathode ray tube. 2,185,138; Dec. 26.
Wolff, Hans. (See Pirani, M., and Wolff.)
Wolff, Irving, Merchantville, N. J., assignor to Radio Corporation of America. Electronic oscillator. 2,147,182; Feb. 14.
Wolff, Irving, Merchantville, N. J., assignor to Radio Corporation of America. Current or voltage regulator. 2,149,080; Feb. 28.
Wolff, Jerome G. (See Huelster, O. J., and Wolff.)
Wolff, Joseph P., Detroit, Mich. Vacuum breaker. 2,155,520; Apr. 25.
Wolff, Otto E., Arlington, Mass., assignor, by mesne assignments, to Polaroid Corporation, Dover, Del. Motion translating mechanism. 2,152,518; Mar. 28.
Wolff, Otto E., Arlington, assignor to P. S. Bauer, Belmont, Mass., trustee of the R. S. Bauer Trust. Machine for separating, counting, delivering, wrapping, and addressing sheet material. 2,179,534; Nov. 14.
Wolff, Otto E., Arlington, assignor to P. S. Bauer, Belmont, Mass., trustee of the R. S. Bauer Trust. Machine for handling sheet material. 2,179,535; Nov. 14.
Wolff, Otto E., Arlington, assignor to P. S. Bauer, Belmont, Mass., trustee of the R. S. Bauer Trust. Electric system. 2,179,536; Nov. 14.
Wolff, Paul. (See Roh, N., Wolff, and Schäfer.)
Wolff, Paul. (See Winter, C., Roh, Wolff, and Schaefer.)
Wolff, Paul, and W. Werner, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Acid indolephenylmethane dyestuffs. 2,152,613; Mar. 28.
Wolff, Paul Herbert, Frankfort-on-the-Main-Hochst, F. Heim, Sindlingen, and C. Winter and L. Bettag, Ludwigshafen-on-the-Rhine, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the triarylmethane series. 2,154,926; Apr. 18.
Wolff, Samuel S., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Automatic regulating system for battery operated motor-generator sets. 2,150,112; Mar. 7.
Wolff, Theodor, Stettin, Germany. Cloth and producing the same. 2,146,664; Feb. 7.
Wolff, Werner, and K. Vierling, Ludwigshafen-on-the-Rhine, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Resins soluble in alcohol. 2,172,305; Sept. 5.
Wolfgram, Roy F. (See Phipps, John T., assignor.)
Wolford, Walter L., Oakland, Calif. Binder for receipts and the like. Re. 21,044; Apr. 4.
Wolford, Walter L., Oakland, Calif. Sheet holding device. 2,145,002; Jan. 24.
Wolfram, William S., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Automobile clutch. 2,146,042; Feb. 7.
Wolfram, William S., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Automobile clutch. 2,146,043; Feb. 7.
Wolfram, William S., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Clutch. 2,146,044; Feb. 7.
Wolfram, William S., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Automobile clutch. 2,154,117; Apr. 11.
Wolfram, William S., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Clutch. 2,162,873; June 20.
Wolfram, William S., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Automobile clutch. 2,182,999; Dec. 12.
Wolfram, William S., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Clutch. 2,183,000; Dec. 12.
Wolfram, William S., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Friction clutch. 2,183,001; Dec. 12.
Wolfskill, John M., assignor to Bliley Electric Company, Erie, Pa. Piezoelectric crystal. 2,157,808; May 9.
Wolfskill, John M., Erie, Pa., assignor to Bliley Electric Company. Apparatus for protecting piezoelectric crystals from overload. 2,163,742; June 27.
Wolfson, David, Far Rockaway, N. Y. Duplicating method and means. 2,161,330; June 6.
Wolfson, David, and S. H. Berlin, New York, N. Y. Sample carrying and exhibiting device. 2,146,041; Feb. 7.
Wolfson, Isadore D., New York, N. Y. Facing band. 2,176,754; Oct. 17.
Wolfson, Morris, Brooklyn, assignor of one-half to F. Margolis, New York, N. Y. Leaf assembly binding. 2,155,576; Apr. 25.
Wolfson, Sidney L. (See Cuno, C. H., and Wolfson.)
Wolk, Jack. (See Helm, E., and Wolk.)
Wolkoff, John, Newark, N. J. Clutch. 2,179,837; Nov. 14.
Wolkow, Isaac L., Louisville, Ky. Hair curler. 2,163,112; June 20.
Wollensak Optical Company. (See Pirwitz, Friedrich A. G., assignor.)
Wollenweber, Julius E., Detroit, Mich., assignor to The American Paper Bottle Company. Container closing mechanism. 2,156,037; Apr. 25.
Wollenweber, Julius E., Detroit, Mich., assignor to The American Paper Bottle Company, Toledo, Ohio. Container fibricating machine. 2,183,927; Dec. 19.
Woller, Edward E., Kenosha, Wis., assignor to Simmons Company, New York, N. Y. Article of furniture. 2,164,438; July 4.
Wollheim Ernst, Berlin-Charlottenburg, Germany. Obtaining a substance lowering the blood pressure. 2,175,334; Oct. 10.
Wolling, Spencer, University City, Mo. Pay roll record device. 2,142,229; Jan. 3.
Wollman, Max, Los Angeles, Calif. Pinking machine. 2,155,815; Apr. 25.
Wollner, Hans, Detroit, Mich., assignor to Universal Products Company, Inc. Making universal joint yokes. 2,142,432; Jan. 3.
Wollweber, Henry J., assignor, by mesne assignments, to Oppenheimer Casing Co., Chicago, Ill. Treating animal casings. 2,157,515; May 9.
Wolpert, Joseph F., New Brunswick, N. J. Toilet. 2,146,322; Feb. 7.
Wolstenholme, Harry F., Paterson, N. J. Rotary internal combustion engine. 2,142,706; Jan. 3.
Wolter, Robert, Cologne, Germany. Slide gauge. 2,170,582; Aug. 22.

Wolters, Carl F. (See Rand, J. H., Jr., and Wolters.)
Wolters, Carl F., assignor to Remington Rand Inc., Buffalo, N. Y. Follower for vertical files. 2,159,415; May. 23.
Wolters, Eric E. (See Gibson, G. R., and Wolters.)
Wolverine Brass Works. (See Cornelius, Louis A., assignor.)
Wolverine Brass Works. (See Smith, Clifford F., assignor.)
Wolverine Supply and Manufacturing Company. (See Vernon, Ernest E., assignor.)
Wolverine Tube Company. (See Bradley, Guy H., assignor.)
Wölz, Josef, assignor to Westfalia-Dinnendahl-Gröppel A.-G., Bochum, Germany. Sifter or conveyer device. 2,179,442; Nov. 7.
Wompey, John J., Denver, Colo. Illuminating device and reflector therefor. 2,175,072; Oct. 3.
Wonderly, Robert L., Canton, Ohio. Universal joint. 2,170,315; Aug. 22.
Wonham, Fred S., New York, N. Y., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Rail joint shim. 2,183,272; Dec. 12.
Wood, Albert A., assignor of one-half to E. A. Holton, Columbus, Ohio. Sales and service equipment. 2,159,925; May 23.
Wood, Alexander P., Schenectady, N. Y., assignor to General Electric Company. Dynamo-electric machine. 2,157,046; May 2.
Wood, Alfred B. (See Farmer, C. C., and Wood.)
Wood, Andrew C., assignor to Dixie-Vortex Company, Chicago, Ill. Printing and punching blanks. 2,150,016; Mar. 7.
Wood, Byron A., assignor of one-half to J. H. Linge, Seattle, Wash. Garment envelope applying device. 2,160,245; May 30.
Wood, Charles E., Baxter Springs, Kans. Concentrating apparatus. 2,180,574; Nov. 21.
Wood, Charles H., Oakland, Calif. Venetian blind. 2,181,412; Nov. 28.
Wood, Chester F. (See Powell, C. E., and Wood.)
Wood, Clarence G., Girard, Pa. Toy vehicle. 2,146,665; Feb. 7.
Wood, Clarence P. (See Shilkoff, J., and Wood.)
Wood, Claude O., assignor to Goodman Manufacturing Company, Chicago, Ill. Motor control system. 2,149,485; Mar. 7.
Wood Conversion Company. (See Frost, Orcutt W., assignor.)
Wood, Donald L., assignor to Eastman Kodak Company. Rochester, N. Y. Focusing lens mount. 2,143,813; Jan. 10.
Wood, Donald L., assignor to Eastman Kodak Company, Rochester, N. Y. View finder. 2,183,523; Dec. 19.
Wood, Edward L., Detroit, Mich. Power oil removal unit. 2,153,878; Apr. 11.
Wood, Edward L., Detroit, Mich. Power oil removal unit. 2,175,624; Oct. 10.
Wood, Frank E., trustee. (See Alder, William F., assignor.)
Wood, Frederick C. (See Corteen, H., Foulds, and Wood.)
Wood, Gar, Industries, Inc. (See Barrett, Edward R., assignor.)
Wood, Gar. (See Gray, Edward, assignor.)
Wood, Gar, Industries, Inc. (See Hatch, Ronald K., assignor.)
Wood, Gar, Industries, Inc. (See Stough, Gerald D.)
Wood, George E., et al. (See Green, Clifton F., assignor.)
Wood, Glenn D., assignor to Posture Research Corporation, Elkhart, Ind. Chair. 2,158,453; May 16.
Wood, Grover W., assignor, of one-fourth to L. Campell and one-fourth to M. M. Campell, Greenville, S. C. Wax stripper and tension device. 2,155,918; Apr. 25.
Wood, Harold B., Jennings, Mo. Method of and means for attaching heels to shoes. 2,163,252; June 20.
Wood, Harry M., Baltimore, Md., and F. L. Fisher, Wauwatosa, assignors to Allen-Bradley Company, Milwaukee, Wis. Electrical control system for dual pumping apparatus. 2,147,073; Feb. 14.
Wood, Henry A., Berkeley, Calif. Storage spool. 2,144,094; Jan. 17.
Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Printing press former. 2,146,459; Feb. 7.
Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web splicing device. 2,148,094; Feb. 21.
Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web splicing apparatus. 2,166,737; July 18.
Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Page pasting mechanism. 2,168,547; Aug. 8.
Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Stereotype plate finishing and cooling machine. 2,168,548; Aug. 8.
Wood, Henry A. W., assignor to Wood Newspaper Machinery Corporation, New York, N. Y. Web splicing device. 2,172,722; Sept. 12.
Wood, Henry A. W., New York, and C. J. Strang, Mount Vernon, assignors to Wood Newspaper Machinery Corporation, New York, N. Y. Vacuum matrix control. 2,173,990; Sept. 26.
Wood, Henry H., assignor to The Timken Roller Bearing Company, Canton, Ohio. Rolling mill. 2,155,747; Apr. 25.
Wood, Herman T. (See Brown, L. W., and Wood.)
Wood, J. W., Elastic Web Co. (See Lord, Howard F., assignor.)
Wood, James R. (See Harrold, C. W., and Wood.)
Wood, James R., Shelton, Conn., and C. W. Harrold, University Heights, assignors to Harris-Seybold-Potter Company, Cleveland, Ohio. Sheet detector. 2,178,713; Nov. 7.
Wood, John, Manufacturing Company. (See Bradley, Eric H., assignor.)
Wood, John, Manufacturing Company. (See Orbeck, Einar M., assignor.)
Wood, John, Manufacturing Company. (See Woodford, Joseph C., assignor.)
Wood, Joseph K., Mount Vernon, assignor to General Spring Corporation, New York, N. Y. Spring device. 2,145,704; Jan. 31.
Wood, Joseph K., Mount Vernon, assignor to General Spring Corporation, New York, N. Y. Spring device. 2,156,468; May 2.
Wood, Leo A., and W. E. Weller, Fond du Lac, Wis. Brake control for automotive vehicles. 2,181,717; Nov. 28.
Wood, Leonora, assignor of one-tenth to K. Ellis, Los Angeles, Calif. Scarf and headwear. 2,167,228; July 25.
Wood, Lyndon D., assignor to National Hops Laboratories, Inc., Chicago, Ill. Extracting the essential principles of hops. 2,181,931; Dec. 5.
Wood, Morris B., assignor to The Chase-Shawmut Company, Newburyport, Mass. Plug type electric fuse. 2,144,134; Jan. 17.
Wood, Morris B., Newbury, assignor to The Chase-Shawmut Company, Newburyport, Mass. Fusible circuit interrupter. 2,168,815; Aug. 8.
Wood, Morris B., assignor to The Chase-Shawmut Company, Newburyport, Mass. Electric fuse. 2,181,825; Nov. 28.
Wood Newspaper Machinery Corporation. (See Davis, Harry, assignor.)
Wood Newspaper Machinery Corporation. (See Jordhoy, Hans C., assignor.)
Wood Newspaper Machinery Corporation. (See Tollison, Paul L., assignor.)
Wood Newspaper Machinery Corporation. (See Tornberg, Isidor, assignor.)
Wood Newspaper Machinery Corporation. (See Wood, Henry A. W., assignor.)
Wood Newspaper Machinery Corporation. (See Wood, H. A. W., and Strang, assignors.)
Wood, Ora L., Schenectady, N. Y., assignor to General Electric Company. Mercury boiler feed arrangement. 2,185,048; Dec. 26.
Wood, Orville T. (See Officer, W. J., and Wood.)
Wood, Orville T., assignor to Blake Manufacturing Corporation, Clinton, Mass. Flashlight switch. 2,160,529; May 30.
Wood, Orville T., assignor to Blake Manufacturing Corporation, Clinton, Mass. Flashlight. 2,165,602; July 11.
Wood, Percy L., Attleboro, Mass., assignor to Swank Products, Inc. Clasp. 2,162,466; June 13.
Wood, Robert O., Montclair, N. J., assignor to Dipol Process Company, Rochester, N. Y. Solution for dyeing cast phenolic articles. 2,156,442; May 2.
Wood, Ronald, Chicago, Ill. Cheese coating. 2,172,781; Sept. 12.
Wood Shovel and Tool Company, The. (See Brandenburg, Francis C., assignor.)
Wood, Thomas J. (See Eash, J. T., and Wood.)
Wood, Wallace H., assignor to Norton Company, Worcester, Mass. Polishing machine. 2,151,670; Mar. 21.
Wood, Wallace H., assignor to Norton Company, Worcester, Mass. Hydraulic table reciprocating mechanism. 2,161,216; June 6.
Wood, Wallace H., assignor to Norton Company, Worcester, Mass. Crankshaft grinding machine. 2,161,217; June 6.
Wood, Wallace H., assignor to Norton Company, Worcester, Mass. Crankshaft lapping machine. 2,166,084; July 11.
Wood, Wallace H., assignor to Norton Company, Worcester, Mass. Lapping machine. 2,166,085; July 11.
Wood, Wallace H., assignor to Norton Company, Worcester, Mass. Crankshaft lapping machine. 2,166,086; July 11.
Wood, Wallace H., assignor to Norton Company, Worcester, Mass. Grinding wheel truing apparatus. 2,171,902; Sept. 5.
Wood, Wallace H., and C. G. Flygare, assignors to Norton Company, Worcester, Mass. Grinding machine. 2,151,669; Mar. 21.
Wood, Walter W., Canton, Ohio. Spring suspension device. 2,176,780; Oct. 17.
Wood, William, Jr., Vancouver, British Columbia, Canada. Top lift for covered heels. 2,167,965; Aug. 1.
Wood, William H., South Euclid, and O. C. Trautman, Parma, assignors to Ira Crouse, Conneaut, Ohio. Conditioning chrome alloy wire and apparatus for the practice of said method. 2,164,850; July 4.
Wood, William H., Bedford, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Lithographic plate and making same. 2,179,245; Nov. 7.

Wood, William O. (See Brown, B. S., and Wood.)
Woodall-Duckham (1920) Limited. (See Jackson, George J., assignor.)
Woodall-Duckham (1920) Limited. (See Krall, Reginald F., assignor.)
Woodall-Duckham (1920) Limited. (See McEwan, Matthew H., assignor.)
Woodall-Duckham (1920) Limited. (See McEwan, M. H., and Buchanan, assignors.)
Woodall-Duckham (1920) Limited. (See Probert, John R., assignor.)
Woodall, Herbert J., assignor to Woodall Industries Incorporated, Detroit, Mich. Panel fastener. 2,150,476; Mar. 14.
Woodall Industries Incorporated. (See Cunnington, George R., assignor.)
Woodall Industries Incorporated. (See Randall, Meredith S., assignor.)
Woodall Industries Incorporated. (See Randall, M. S., and Kasch, assignors.)
Woodall Industries Incorporated. (See Woodall, Herbert J., assignor.)
Woodard, Charles A., Indianapolis, Ind. Colonic irrigating table. 2,176,235; Oct. 17.
Woodard, George H. (See Kirgan, J., MacLean, and Woodard.)
Woodard, George H., Springfield, Pa., assignor to Ingersoll-Rand Company, Jersey City, N. J. Protective apparatus for rotary machines. 2,146,278; Feb. 7.
Woodard, William E., Forest Hills, N. Y. Vehicle and particularly railway rolling stock. 2,174,675; Oct. 3.
Woodard, William E., Forest Hills, N. Y. Locomotive. 2,183,327; Dec. 12.
Woodard, William E., Forest Hills, N. Y. Locomotive valve gear. 2,183,603; Dec. 19.
Woodberry, John H., Washington, D. C. Pressure indicator. 2,150,956; Mar. 21.
Woodbridge, Joseph L., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Nonspill vent plug. 2,185,097; Dec. 26.
Woodbridge, Joseph L., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Nonspill vent plug. 2,185,098; Dec. 26.
Woodbridge, Joseph L., assignor to The Electric Storage Battery Company, Philadelphia, Pa. Nonspill vent plug. 2,185,099; Dec. 26.
Woodbury, Elias L., assignor of forty percent to H. B. Sprague and forty percent to C. I. Justheim, Salt Lake City, Utah. Saw file guide. 2,171,169; Aug. 29.
Woodcock, Charles H., assignor to The Atlantic Refining Company, Philadelphia, Pa. Recessing device 2,166,923; July 18.
Woodcock, Charles H., assignor to The Atlantic Refining Company, Philadelphia, Pa. Cutting tool. 2,182,770; Dec. 5.
Woodcrete Corporation of Wisconsin. (See Shackett, George E., assignor.)
Wooddell, Charles E. (See Benner, R. C., Wooddell, and Nelson.)
Woodford, Bronson C., assignor to The Murray Company, Dallas, Tex. Magnetic separator. 2,162,190; June 13.
Woodford, Joseph C., Wayne, assignor to John Wood Manufacturing Company, Inc., Conshohocken, Pa. Liquid dispensing apparatus. 2,166,924; July 18.
Woodford, Watson H., Bridgeport, Conn., assignor to Remington Arms Company, Inc. Lead manufacture. 2,168,381; Aug. 8.
Woodhall, Edward H., Glenbrook, assignor to Mergenthaler Linotype Company. Slug casting machine. 2,178,318; Oct. 31.
Woodhead, Daniel, Barrington, Ill. Electric connector. 2,151,882; Mar. 28.
Woodhead, Harry S. (See Rayner, T. R., Burns, and Woodhead.)
Woodhouse, John C., assignor to E. I. du Pont de Nemours & Company, Wilmington, Ill. Cellulosic structure and preparing same. 2,170,845; Aug. 29.
Woodhouse, Richard L. (See Pilkington, David K., assignor.)
Woodin, William H., Jr. (See Soller, Walter, assignor.)
Woodling, George V. (See Stolz, R. E., and Woodling.)
Woodling, George V., Cleveland, Ohio, assignor to General Motors Corporation. Air conditioning. 2,142,593; Jan. 3.
Woodling, George V., Cleveland, Ohio, assignor to General Motors Corporation. Apparatus for determining air conditions. 2,166,697; July 18.
Woodings, Emanuel, Oakmont, assignor to Woodings-Verona Tool Works, Verona, Pa. Rail fastener. 2,150,258; Mar. 14.
Woodings-Verona Tool Works. (See Woodings, Emanuel, assignor.)
Woodings-Verona Tool Works. (See Woodings, William C., assignor.)
Woodlings, William C., assignor to Woodings-Verona Tool Works, Verona, Pa. Rail fastener. 2,150,259; Mar. 14.
Woodman, George A., deceased, Chicago, Ill.; M. W. Tufts, executor. Journal box lid. 2,144,280; Jan. 17.
Woodman, Joseph C., Flushing, assignor, by mesne assignments, to Nichols Engineering and Research Corporation, New York, N. Y. Incineration. 2,157,993; May 9.
Woodman, Kenneth L. (See Russell, W. J., and Woodman.)
Woodman, Kenneth L., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Ventilated handle for sadirons. 2,144,474; Jan. 17.
Woodman, Kenneth L., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Rack for rectangular roasters. 2,156,214; Apr. 25.
Woodman, Kenneth L., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Cooking surface and treating the same. 2,184,828; Dec. 26.
Woodrow, Homer H. (See Hobson, W., and Woodrow.)
Woodrow, Ivan F., Newton, Iowa. Clothes feeding device. 2,177,397; Oct. 24.
Woodruff, Albert E., Oak Park, and A. F. Horlacher, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Transmitter cell. 2,184,064; Dec. 19.
Woodruff, Albert E., Oak Park, and A. F. Horlacher, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Transmitter head set. 2,184,262; Dec. 19.
Woodruff, Albert N., Washington, D. C. Clock. 2,143,814; Jan. 10.
Woodruff, Alfred H. (See Taylor, W. I., and Woodruff.)
Woodruff, Almon C. (See Warner, R. W., Woodruff, and Smalley.)
Woodruff, George A., Kirkwood, Mo. Clip-attaching device. 2,158,168; May 16.
Woodruff, Henry S., Larchmont, N. Y. Oil burning furnace. 2,168,184; Aug. 1.
Woodruff, Herbert, Cherry Lane, N. C. Weeder. 2,184,968; Dec. 26.
Woodruff, Louis F. (See Elder, R. F., and Woodruff.)
Woodruff, Louis F., Wellesley, Mass. Radio station recorder. 2,157,584; May 9.
Woodruff, Maurice D. (See Markley, J., Woodruff, and Mechlin.)
Woodruff, Moffitt H., Lubbock, and E. W. Todd, Dallas, Tex. Power lift. 2,155,177; Apr. 18.
Woodruff, Russell S., Riverside, Calif. Adapter. 2,179,912; Nov. 14.
Woodruff, William N., and C. A. Toce, Houston, Tex., and W. F. Herschede, Cincinnati, Ohio, assignors, by mesne assignments, to Vehicular Parking, Ltd., Washington, D. C. Meter. 2,162,191; June 13.
Woods, Bernard A., Forest Hills, Pa. Noncircular hole driller attachment. 2,175,546; Oct. 10.
Woods, Henry B. (See Wisler, A. E., and Woods.)
Woods, James J., Sr., et al. (See Azarowich, Frank, assignor.)
Woods, Warren P., and W. E. Smith, Vienna, Ill. Wheel mounting for automobiles. 2,178,734; Nov. 7.
Woodside, John H., Pomona, Calif. Lock buckle. 2,155,159; Apr. 18.
Woodson, James C., assignor to Lee Wilson Sales Corporation, Cleveland, Ohio. Apparatus for straightening. 2,146,875; Feb. 14.
Woodson, James C., assignor to Lee Wilson Sales Corporation, Cleveland, Ohio. Annealing furnace. 2,171,776; Sept. 5.
Woodson, James C., assignor to Lee Wilson Sales Corporation, Cleveland, Ohio. Annealing furnace. 2,171,777; Sept. 5.
Woodson, James C., assignor to Lee Wilson Sales Corporation, Cleveland, Ohio. Heating apparatus. 2,174,052; Sept. 26.
Woodson, James C., assignor to Lee Wilson Engineering Company, Cleveland, Ohio. Furnace for heating. 2,182,218; Dec. 5.
Woodstock Typewriter Company. (See Koca, James F., assignor.)
Woodward, Arthur A., assignor to Skinner Motors, Inc., Detroit, Mich. Internal combustion engine cylinder-head construction. 2,182,105; Dec. 5.
Woodward, Arthur H., Winnetka, assignor to International Register Company, Chicago, Ill. Timing mechanism. 2,147,941; Feb. 21.
Woodward, Benjamin. (See Howey, W., Woodward, and Hancock.)
Woodward, Clement A., Roslindale, assignor to United-Carr Fastener Corporation, Cambridge, Mass. Lamp socket device. 2,167,270; July 25.
Woodward, Harold E. (See Carleton, P. W., and Woodward.)
Woodward, Harold E. (See Rossander, S. S., and Woodward.)
Woodward, John D. (See Basim, D. S., Freng, and Woodward.)
Woodwell, Carolus S., Buffalo, assignor to National Aniline & Chemical Company, Inc., New York, N. Y. Reflux distributor for gas liquid contact apparatus. 2,143,904; Jan. 17.
Woodworth, Charles W., Berkeley, Calif. Oil refining process. 2,166,193; July 18.
Woodyard, Kenneth C., Welsh, La., C. A. Putnam, Kountze, Tex., and H. R. Prescott, assignors to Continental Oil Company, Ponca City, Okla. Making geophysical explorations. 2,164,196; June 27.
Woofter, Herbert A., assignor to Swift Electric Welder Company, Detroit, Mich. Electric welding apparatus. 2,149,654; Mar. 7.
Wool, Frank A., San Jose, Calif. Fruit dicing machine. 2,169,509; Aug. 15.

Wool, Frank A., San Jose, Calif. Tension roller device and combination. 2,169,510; Aug. 15.
Woolard, Edward H. (See Purser, J. H., and Woolard.)
Wooler, Ernest, and R. M. Riblet, assignors to The Timken Roller Bearing Company, Canton, Ohio. Shaft bearing mounting. 2,155,919; Apr. 25.
Woolever, Harold E., assignor of one-half to Pioneer Wrapper and Printing Co., Los Angeles, Calif. Bib. 2,164,369; July 4.
Woolf, William L. (See De Madaler, A., and Woolf.)
Woolf, William L. (See von Madaler, F., and Woolf.)
Woolf, William L. (See Weis, D. A., and Woolf.)
Woolf, William L., Long Island City, N. Y., assignor to Film Recording Corporation. Sound recording. 2,173,050; Sept. 12.
Woolford, Custis S., South Orange, N. J., assignor to American Can Company, New York, N. Y. Solder wiper. 2,161,839; June 13.
Woolford, Custis S., South Orange, N. J., assignor to American Can Company, New York, N. Y. Machine for treating metallic sheets. 2,176,939; Oct. 24.
Woollard, Frank G., assignor to The Birmingham Aluminum Casting (1903) Company Limited, Smethwick, near Birmingham, England. Hand steering wheel. 2,152,370; Mar. 28.
Woolley, Clarence M., assignor to American Radiator Company, New York, N. Y. Air circulating attachment for heating radiators. 2,151,725; Mar. 28.
Woolley, Park. (See Bolinger, J. C., Howard, and Woolley.)
Woolley, William J., Chicago, Ill. Humidifier. 2,155,070; Apr. 18.
Woolley, William J., Chicago, Ill. Water feeder. 2,181,956; Dec. 5.
Woolsey, Charles A., Minneapolis, Minn. Crate 2,160,631; May 30.
Wooster Brush Company, The. (See Foss, Oscar H., assignor.)
Wooster, Charles B., Providence, R. I., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Hydrogenating aromatic hydrocarbons. 2,182,242; Dec. 5.
Wooster, E. C., executor. (See Smith, Bryon E.)
Wooster, Philip A., San Francisco, Calif. Dispensing device. 2,175,141; Oct. 3.
Wooster, Philip A., San Francisco, Calif. Dispensing device. 2,181,826; Nov. 28.
Wooten, Carrol R., New York, assignor to Beech-Nut Packing Company, Canajoharie, N. Y. Display device. 2,183,705; Dec. 19.
Worcester Lawn Mower Company. (See Farmer, F. T., and Loud, assignors.)
Worcester Pressed Aluminum Company. (See Brosnan, C. A., and Kelleher, assignors.)
Worden, Norbert P. (See Taylor, A. N., and Worden.)
Worden, Norbert P., and C. F. Foley, assignors to C. M. Hall Lamp Company, Detroit, Mich. Lamp structure. 2,159,871; May 23.
Worden, Norbert P., and C. F. Foley, assignors to C. M. Hall Lamp Company, Detroit, Mich. Lamp structure. 2,169,627; Aug. 15.
Worden, R B., Granger, Wash. Device for creasing trousers. 2,177,124; Oct. 24.
Worden, Robert E., Fairfield, Conn., assignor to Dictaphone Corporation, New York, N. Y. Carton for wax records. 2,171,017; Aug. 29.
Worden, Robert E., Fairfield, Conn., assignor to Dictaphone Corporation, New York, N. Y. Carton for wax records. 2,171,018; Aug. 29.
Work, Harold K., Oakmont, and C. J. Slunder, New Kensington, assignors to Aluminum Company of America, Pittsburgh, Pa. Treating aluminum surfaces. 2,157,155; May 9.
Work, Lincoln T. (See Booher, L. E., and Work.)
Work, Lincoln T., New York, N. Y. Satin white pigment and making same. 2,145,149; Jan. 24.
Work, Lincoln T., and H. Alessandroni, New York, N. Y. Manufacture of barium sulphate. 2,161,650; June 6.
Work, Robert W. (See Benton, K. H., and Work.)
Workman, James M., Winnsboro, S. C. Tank, hollow column support therefor, and building the same. 2,153,492; Apr. 4.
Works Development Company. (See Ehrlich, Josef, assignor.)
World Bestos Corp. (See Nanfeldt, William, assignor.)
Worm, Herman G., Sacramento, Calif. Electric oven. 2,166,778; July 18.
Wormley, Leda P., Long Beach, Calif. Projecting tieback. 2,180,219; Nov. 14.
Wornell, Charles N. M., assignor of one-half to T. J. Wornell, Hampton, England. Valve for brass wind instruments. 2,149,714; Mar. 7.
Wornell, Thomas J. (See Wornell, Charles N. M., assignor.)
Worrall, Frank. (See Audley-Charles, John K., assignor.)
Worrall, George H., Los Angeles, assignor to Mitchell Camera Corporation, West Hollywood, Calif. Heat radiator for projection machines. 2,162,324; June 13.
Worrall, Gladstone W., Northwich, England, assignor to Imperial Chemical Industries Limited. Coating process. 2,170,043; Aug. 22.
Worsell, Ernest T. (See Sassoon, M. T., and Worsell.)
Worsham, E. H. (See Shimps, Joseph, Jr., assignor.)
Worsham, Floyd L., Anniston, Ala. Composition roofing shingle. 2,173,431; Sept. 19.
Worstell, Robert E. (See Pipkin, M., and Worstell.)
Worstell, Robert E., Cleveland Heights, Ohio, assignor to General Electric Company. Synchronization testing device. 2,157,878; May 9.
Wortelboer, James J., Muskegon Heights, Mich. Vegetable peeling machine. 2,148,251; Feb. 21.
Wortelmann, Gustave A., Chicago, Ill. Scaffold. 2,171,284; Aug. 29.
Wortendyke, Raymond D., assignor to Cincinnati Grinders Incorporated, Cincinnati, Ohio. Infeed cycle control mechanism for grinding machines. 2,157,946; May 9.
Worth Company, The. (See Colman, Ben, assignor.)
Worth Company, The. (See Nampa, Sulo M., assignor.)
Worth, Roy D. (See Pugh, James W., assignor.)
Worthing, Stanley L., Spring Lake, Mich. Traction device for vehicle wheels. 2,174,345; Sept. 26.
Worthington Ball Company, The. (See Reichard, W. E., and Olin, assignors.)
Worthington, Everett, Scarsdale, N. Y., assignor to Story & Clark Piano Company, Chicago, Ill. Grand piano casing construction. 2,178,214; Oct. 31.
Worthington, Horace J. (See Penny, R. J., and Worthington.)
Worthington Pump and Machinery Corporation. (See Dorer, Oscar H., assignor.)
Worthington Pump and Machinery Corporation. (See Feldbush, Harry A., assignor.)
Worthington Pump and Machinery Corporation. (See Gilman, George H., assignor.)
Worthington Pump and Machinery Corporation. (See Grace, John F., assignor.)
Worthington Pump and Machinery Corporation. (See Habach, George F., assignor.)
Worthington Pump and Machinery Corporation. (See Hirschberg, Charles A., assignor.)
Worthington Pump and Machinery Corporation. (See McBath, Bartley R., Jr., assignor.)
Worthington Pump and Machinery Corporation. (See Paullin, Edward M., Jr.)
Worthington Pump and Machinery Corporation. (See Ross, Elmer G., assignor.)
Worthington, Warren, Pittsburgh, Pa. Mill for hot rolling strip. 2,177,971; Oct. 31.
Worthy, Drannan C. (See Crocker, I. B., and Worthy.)
Wortmann, Ernst, Schwelm, Germany. Rot-protecting covering for wooden posts, sleepers, and the like. 2,148,334; Feb. 21.
Wranosky, William J., Freer, Tex. Valve for well pump rods. 2,162,151; June 13.
Wray, Fred. (See L'Hollier, L. H., and Wray.)
Wreford, William B. (See Hagerty, Michael L. P., assignor.)
Wren, James H., et al. (See Dewan, L., and Bartho, assignors.)
Wren, James H., et al. (See Wren, J. R., and Bartho, assignors.)
Wren, John H., Los Angeles, Calif. Starting governed engines. 2,163,136; June 20.
Wren, Joseph R., et al. (See Dewan, L., and Bartho, assignors.)
Wren, Joseph R., and J. Bartho, New York, N. Y., assignors, by mesne assignments, of sixteen per cent to L. Dewan, fifteen per cent to J. Bartho, fifteen per cent to J. R. Wren, seventeen and one-half per cent to F. Conlan, fifteen per cent to H. C. Roemer, five per cent to H. E. Smith, four per cent to J. J. O'Brien, and twelve and one-half per cent to J. H. Wren, stockholders of Lucky Brakes, Inc. Roller skate. 2,148,418; Feb. 21.
Wride, George T., Los Angeles, Calif. Writing coordinator. 2,143,426; Jan. 10.
Wright Aeronautical Corporation. (See Bleecker, Maitland B., assignor.)
Wright Aeronautical Corporation. (See Bleecker, M. B., and Speir, assignors.)
Wright Aeronautical Corporation. (See Browne, Kenneth A., assignor.)
Wright Aeronautical Corporation. (See Browne, K. A., and Taylor, assignors.)
Wright Aeronautical Corporation. (See Chilton, Allan, assignor.)
Wright Aeronautical Corporation. (See Chilton, A., De Pew, and Chilton, assignors.)
Wright Aeronautical Corporation. (See Chilton, Roland, assignor.)
Wright Aeronautical Corporation. (See Chilton, Roland, and A., assignors.)
Wright Aeronautical Corporation. (See Daub, Rudolph, assignor.)
Wright Aeronautical Corporation. (See Gagg, Rudolph F., assignor.)
Wright Aeronautical Corporation. (See Higbie, Vinton, assignor.)
Wright Aeronautical Corporation. (See Hill, Henry C., assignor.)
Wright Aeronautical Corporation. (See Kennedy, William D., assignor.)
Wright Aeronautical Corporation. (See Lundquist, Wilton G., assignor.)
Wright Aeronautical Corporation. (See Pierce, Erold F., assignor.)
Wright Aeronautical Corporation. (See Taylor, Edward S., assignor.)
Wright, Albert F. J., Walthamstow, London, England. Apparatus for straightening wires and rods. 2,172,134; Sept. 5.

Wright, Alfred M., Oakland, Calif. (Guiding and backing means for automobile trailers. 2,159,721; May 23.
Wright, Andrew S., Springfield, Mass. Furniture. 2,169,752; Aug. 15.
Wright, Arthur, Forest Hills, Long Island, N. Y. Self-rolling umbrella and producing the same. 2,167,860; Aug. 1.
Wright, Carl O., Chicago, and E. S. Peterson, Elmwood Park, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Rural line repeater. 2,161,218; June 6.
Wright, Cecil C., et al. (See Grison, Joseph, assignor.)
Wright, Charles F., Akron, Ohio, assignor to The Diamond Match Company, New York, N. Y. Match-booking machine. 2,167,934; Aug. 1.
Wright, Charles F., Akron, Ohio, assignor to The Diamond Match Company, New York, N. Y. Cover feeding and folding mechanism for booking machines. 2,156,558; May 2.
Wright, Claude L., Harper, Oreg. Ditcher. Re. 20,990; Jan. 24.
Wright, Daniel K., Cleveland Heights, Ohio, assignor to General Electric Company. Steam generator. 2,145,104; Jan. 24
Wright, Daniel K., Cleveland Heights, Ohio, assignor to General Electric Company. Electric lamp. 2,148,314; Feb. 21.
Wright, Daniel K., Cleveland Heights, Ohio, assignor to General Electric Company. Electric lamp. 2,148,315; Feb. 21.
Wright, David M., Agricola, Fla., assignor to Industrial Patents Corporation, Chicago, Ill. Rake classifier. 2,155,748; Apr. 25.
Wright, David M., Agricola, Fla., assignor to Industrial Patents Corporation, Chicago, Ill. Dewatering method. 2,158,169; May 16.
Wright, David M., Agricola, Fla., assignor to Industrial Patents Corporation, Chicago, Ill. Separation apparatus. 2,163,927; June 27.
Wright, E. Stanley. (See Krieg, Julius A., assignor.)
Wright, E. T., & Company. (See Donovan, Alfred F., assignor.)
Wright, Esmond P. G., London, England, assignor to Western Electric Company, Incorporated, New York, N. Y. Selective switch. 2,170,885; Aug. 29.
Wright, Edward N. (See Carnes, C. T., Steffes, Wright, and Comer.)
Wright, Edwin C. (See Raab, F. C., and Wright.)
Wright, Esmond P. G., London, England, assignor to Western Electric Company, Incorporated, New York, N. Y. Telephone system. 2,173,319; Sept. 19.
Wright, Esmond P. G., and G. C. Hartley, London, England, assignors to Western Electric Company, Incorporated, New York, N. Y. Private branch exchange system. 2,184,540; Dec. 26.
Wright, Everett G., assignor to J. A. Kinnard, Detroit, Mich. Thermostatic valve. 2,145,003; Jan. 24.
Wright, George D., et al. (See Lewallen, Alvis M., assignor.)
Wright, George M., Broom Hall, Woodham Ferrers, England, assignor to Radio Corporation of America. Radio direction finding system. 2,143,178; Jan. 10.
Wright, George M., Woodham Ferrers (Bicknacre), England, assignor to Radio Corporation of America. Switching arangement for high frequency apparatus. 2,157,312; May 9.
Wright, George M., Broom Hall, Woodham Ferrers, Bicknacre, England, assignor to Radio Corporation of America. Modulated carrier wave receiver. 2,159,493; May. 23.
Wright, George M., Woodham Ferrers, England, assignor to Radio Corporation of America. Radio receiver. 2,162,988; June 20.
Wright, George M., Woodham Ferrers, England, assignor to Radio Corporation of America. Thermionic valve circuit arrangement. 2,164,559; July 4.
Wright, George M., London, England, assignor to Radio Corporation of America. Radio receiver. 2,171,154; Aug. 29.
Wright, George M., Bicknacre, Chelmsford, and A. McLellan, Bayswater, London, assignors to Marconi's Wireless Telegraph Company, Limited, London, England. Altimeter for aircraft. 2,178,027; Oct. 31.
Wright, George M., Woodham Ferrers, England, assignor to Radio Corporation of America. Electron discharge device amplifier. 2,183,731; Dec. 19.
Wright, George N., Logansport, Ind., assignor, by mesne assignments, to W. C. Holt, Los Angeles, Calif. Apparatus and method for washing and drying clothes. 2,159,114; May 23.
Wright, George O., Kilgore, assignor of one-third to A. P. Merritt and one-third to L. E. Brown, Gregg County, Tex. Elevator. 2,145,066; Jan. 24.
Wright-Guhman Company. (See Guhman, John C., assignor.)
Wright, Hardin. (See Curry, Arnold Lee, assignor.)
Wright, Homer K. (See White, Anthony B., assignor.)
Wright, Howard S., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Fountain pen. 2,158,615; May 16.
Wright, Jerauld, U. S. Navy. Parallel motion device. 2,173,146; Sept. 19.
Wright, John H., Irvington, N. J. Apparatus for making metal tubes. 2,177,545; Oct. 24.
Wright, John H., Larchmont, N. Y., assignor to Piedmont Development Corporation, Wilmington, Del. Therapeutic composition. 2,156,233; Apr. 25.
Wright, Joseph T., Cincinnati, assignor to Harris-Seybold-Potter Company, Cleveland, Ohio. Reel mounting. 2,142,582; Jan. 3.
Wright, Leon J., Akron, Ohio. Reel for fishlines. 2,150,477; Mar. 14.
Wright, Lester P., Richford, N. Y. Chicken house. 2,159,924; May 23.
Wright, Lloyd E. and Robert I., Albany, Oreg. Fan for separators. 2,157,469; May 9.
Wright, Lon D., Fremont, Nebr. Cleaning water mains. 2,151,671; Mar. 21.
Wright, Martha H. (See Creighton, T. A., and McMahan, assignors.)
Wright, Milton B., St. Petersburg, Fla., assignor to Universal Fountain Brush Company, Inc. Fountain stencil brush. 2,164,004; June 27.
Wright, Paul L. (See Baumfalk, J., Bennett, and Wright.)
Wright, R. G., & Co. (See Petersen, Thorvald, assignor.)
Wright, Randall, San Buenaventura, Calif. Determining diectional orientation of materials. 2,147,942; Feb. 21.
Wright, Randall, San Buenaventura, Calif. Apparatus for orienting materials. 2,182,859; Dec. 12.
Wright, Richard H., Cleveland Heights, Ohio. Tent stake. 2,149,081; Feb. 28.
Wright, Robert I. (See Wright, Lloyd E. and R. I.)
Wright, Robert L., et al. (See Timberlake, Journey F., assignor.)
Wright, Roy O., assignor of one-half to J. A. Miller, Huntington, W. Va. Wrench. 2,181,678; Nov. 28.
Wright, Royale A., Grayling, Mich. Combined wall bed and dinette. 2,159,494; May 23.
Wright, Sumner B. (See Schott, L., and Wright.)
Wright, Sumner B. (See Taylor, C. C., and Wright.)
Wright, Walter F. (See Dall, Edward D., assignor.)
Wright, William A. S. (See Barnes, C. D., and Wright.)
Wright, William B. and M. H. Candy Company. (See Page, Clarence C., assignor.)
Wright, William F., Lisbon, Ohio. Manufacture of cutting files. 2,183,385; Dec. 12.
Wright, William R., Jr., Wharton, N. J., assignor to The Patent and Licensing Corporation, New York, N. Y. Making asbestos-cement shingles. 2,171,155; Aug. 29.
Wright, Willie J., Los Angeles, Calif. Supporting unit. 2,175,421; Oct. 10.
Wrights, John H. (See Evans, P. T., Wright, and Brammer.)
Wrightsman, John E. (See Fuller, William J., assignor.)
Wrightwear Limited. (See Mills, Robert K., assignor.)
Wrigley, James B., assignor to International Supply Company, Tulsa, Okla. Counterbalance for crankshafts. 2,182,740; Dec. 5.
Wrigley, John H., Worthington, near Wigan, and A. Melville, Standish, near Wigan, England, assignors to Cluett, Peabody & Co. Inc., Troy, N. Y. Method of and means for treating woven and the like fabrics and yarns. 2,146,694; Feb. 7.
Wrigley, Wm., Jr., Company. (See Ranney, Willet B., assignor.)
Write Incorporated. (See Mitchell, Harvey V., assignor.)
Wrought Washer Manufacturing Company. (See Dowdy, C. R., and Doepke, assignors.)
Wruk, Frank T. (See Jensen, O. M., Whitley, and Wruk.)
Wucherer, Franz. (See Egersdörfer, F., and Wucherer.)
Wuelker, Frank S., St. Louis, Mo., assignor to Laclede-Christy Clay Products Company. Drainage tile. 2,162,926; June 20.
Wuensch, Charles E., Joplin, Mo. Screening. 2,149,877; Mar. 7.
Wuensch, Charles E., Joplin, Mo. Thickener. 2,169,442; Aug. 15.
Wuensch, Charles E., Joplin, Mo., assignor to Wuensch Hetero Concentration Process Company, Wilmington, Del. Ore dressing. 2,151,175; Mar. 21.
Wuensch Hetero Concentration Process Company. (See Wuensch, Charles E., assignor.)
Wuest, Adam, Inc. (See Wuest, Elmer T. and H. A.)
Wuest, Adam, Inc. (See Wuest, E. T. and H. A., assignors.)
Wuest, Adam, Inc. (See Wuest, Herbert A., assignor.)
Wuest, Elmer T. and H. A., assignors to Adam Wuest, Inc., Cincinnati, Ohio. Studio couch. 2,145,382; Jan. 31.
Wuest, Elmer T. and H. A., assignors to Adam Wuest, Inc., Cincinnati, Ohio. Couch. 2,151,257; Mar. 21.
Wuest, George A., Hood River, Oreg. Fruit draining and drying apparatus. 2,144,281; Jan. 17.
Wuest, Herbert A. (See Wuest, Elmer T. and H. A.)
Wuest, Herbert A., assignor to Adam Wuest, Inc., Cincinnati, Ohio. Couch. 2,143,253; Jan. 10.
Wuethrich, Adolph G., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Treatment of barytes. 2,163,388; June 20.
Wulf, Charles A., Indianapolis, Ind. Surface decorating machine. 2,146,411; Feb. 7.
Wulff, John. (See Kaye, A. L., Williams, and Wulff.)
Wulff, John C. (See Kaye, A. L., Williams, and Wulff.)
Wulff, John C., Cambridge, Mass., assignor to The Chemical Foundation, Incorporated, New York, N. Y. Corrosion-resistant ferrous alloy. 2,172,427; Sept. 12.

Wulff, John C., and H. H. Uhlig, Cambridge, Mass, assignors to The Chemical Foundation, Incorporated, New York, N. Y. Corrosion-resistant ferrous alloys. 2,172,428; Sept. 12.
Wulff, Lee, New York, N. Y. Tailer. 2,179,394; Nov. 7.
Wulff, Otto. (See Berndt, W., and Wulff.)
Wulff, Otto. (See Nicodemus, O., and Wulff.)
Wulfing, Johann A. (See Sturm, E., and Fleischmann, assignors.)
Wulle, William A., Chicago, Ill. Air conditioning system. 2,162,152; June 13.
Wulle, William A., assignor to The Pyle-National Company, Chicago, Ill. Automatic unlocking separable connector. 2,152,125; Mar. 28.
Wulsten, Kurt. (See Klein, P., and Wulsten.)
Wulsten, Kurt, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit breaker. 2,144,475; Jan. 17.
Wulsten, Kurt, Berlin-Charlottenburg, Germany, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Circuit interrupter. 2,150,307; Mar. 14.
Wunderlich, Adolph, Cleveland Heights, Ohio. Coin lock. 2,150,705; Mar. 14.
Wunderlich, Friedrich, assignor to the firm Triumph-Werke Nürnberg A.-G., Nuremberg, Germany. Noiseless return for typewriter carriages. 2,156,418; May 2.
Wunderlich, Fritz, assignor to the firm Triumph-Werke Nurnberg A.-G., Nuremberg, Germany. Noiseless one-way clutch mechanism for the silent return of the paper carriage in writing machines. 2,153,735; Apr. 11.
Wunderlich, Herman, et al. (See O'Leary, Theodor A., assignor.)
Wunderlich, William E., assignor to The Moore Company, Muncie, Ind. Bedspring. 2,148,889; Feb. 28.
Wunderlich, William E., assignor to The Moore Company, Muncie, Ind. Studio couch. 2,148,890; Feb. 28.
Wunderlich, William E., assignor to The Moore Company, Muncie, Ind. Bed construction. 2,157,064; May 2.
Wundt, Rolf M., Eberswalde, and O. Cordsmeier, Berlin-Charlottenburg, assignors to C. Lorenz Aktiengesellschaft, Berlin-Tempelhof, Germany. Antenna system. 2,180,855; Nov. 21.
Wunsch, Felix. (See Davis, E. T., and Wunsch.)
Wunsch, Felix, assignor to Leeds and Northrup Company, Philadelphia, Pa. Control system. 2,153,222; Apr. 4.
Wünsch, Guido, Berlin-Steglitz, Germany, assignor to Askania-Werke A. G. Control valve for liquids of variable viscosities. 2,158,737; May 16.
Wünsch, Guido, Berlin-Steglitz, Germany, assignor to Askania-Werke A. G. Attitude responsive device for craft. 2,176,807; Oct. 17.
Wünsch, Guido, and K. Blasig, Berlin-Steglitz, Germany, assignors to Askania-Werke A. G. Method of and apparatus for controlling fluid fuel burners for boilers. 2,150,113; Mar. 7.
Wunsch, Joseph W., Brooklyn, N. Y. Sheave device for derricks. 2,168,463; Aug. 8.
Wünsche, Otto, Berlin, Germany, assignor to General Electric Company. Automatic controller. 2,165,119; July 4.
Würinger, Theodor, Vienna, Austria. Treatment of feathers and similar stuffing material in pillows, cushions, and the like. 2,156,890; May 2.
"Würker". (See Scheibel, Kurt, assignor.)
Wurlitzer, Rudolph, Company, The. (See Cloer, Hobson J., assignor.)
Wurlitzer, Rudolph, Company, The. (See Dixon, Leo J., assignor.)
Wurlitzer, Rudolph, Company, The. (See Ebert, E. A., and Gleiser, assignors.)
Wurlitzer, Rudolph, Company, The. (See Lindeberg, Carl, assignor.)
Wurlitzer, Rudolph, Company, The. (See Mitchell, John R., assignor.)
Wurlitzer, Rudolph, Company, The. (See Schmidt, Francis M., assignor.)
Wurlitzer, Rudolph, Company, The. (See Socin, Francis C., assignor.)
Wurlitzer, Rudolph, Company, The. (See Sperry, Ralph W. E., assignor.)
Wurm, Otto. (See Görnitz, K., Harnack, and Wurm.)
Wurmser, Alphons V., Teaneck, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electric metering device. 2,147,729; Feb. 21.
Wurmser, Alphons V., West Englewood, N. J., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Electrical measuring circuit. 2,162,874; June 20.
Wurster, Henry A., Cleveland, Ohio. Mold clamping mechanism. 2,154,967; Apr. 18.
Würstlin, Karl, assignor to Kali-Chemie Aktiengesellschaft, Berlin, Germany. Intensifying foil for X-ray photography. 2,144,040; Jan. 17.
Wurtele, Allan R., Mix, La. Internal combustion engine. 2,164,439; July 4.
Wurtele, Allan R., Mix, La. Internal combustion engine. 2,179,278; Nov. 7.
Wurton Machine Company. (See Touton, Ruth D., assignor.)
Wurtzel, Jacob B., Bridgeport, Conn. Butter mold. 2,148,003; Feb. 21.
Wurzbach, Hugh E. (See Engelmann, E. W., and Wurzbach.)
Wurzbach, Hugh E., and C. H. Konold, Magna, Utah. Vibratory apparatus. 2,144,173; Jan. 17.
Wurzburg, Francis L., Jr., Bronxville, assignor to Interchemical Corporation, New York, N. Y. Determining the primaries in a system of color reproduction by printing. 2,165,169; July 4.
Wurzburg, Francis L., Jr., Bronxville, assignor to Interchemical Corporation, New York, N. Y. Scanning apparatus. 2,185,139; Dec. 26.
Wurzburg, Reginald, Memphis, Tenn. File case. 2,171,105; Aug. 29.
Wutzke, Waldemar W., et al. (See Rissman, Paul, assignor.)
Wyatt, Bernard L., and H. E. Thompson, Tucson, Ariz., assignor, by mesne assignments, to Armour and Company, Chicago, Ill. Preparation for medicinal use. 2,156,891; May 2.
Wyatt, Evan E., Los Angeles, Calif. Combined bumper and license plate holder. 2,167,791; Aug. 1.
Wyatt, F., Mfg. Co., The. (See Wiesenthal, Walter E., assignor.)
Wyatt, John L., Savannah, Ga. Artificial minnow. 2,184,031; Dec. 19.
Wydler, Hermann, Bern, assignor to the firm Sauser A.-G., Soleure, Switzerland. Liquid dispensing apparatus. 2,157,745; May 9.
Wyland, Harry C., Fort Wayne, Ind., assignor to General Cable Corporation, New York, N. Y. Die and method of forming. 2,171,323; Aug. 29.
Wyld, Reginald G., Dayton, Ohio, assignor, by mesne assignments, to Chrysler Corporation, Highland Park, Mich. Fan discharge casing. 2,148,388; Feb. 21.
Wyler, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Preparation of pentaerythritol. 2,152,371; Mar. 28.
Wyler, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Nitrated pentaerythritol mother-liquor. 2,152,372; Mar. 28.
Wyler, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Pentaerythritol tetranitrate explosive. 2,154,552; Apr. 18.
Wyler, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Preparation of trimethylolnitromethane. 2,164,440; July 4.
Wyler, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Melting, casting, and purifying sucrose octanitrate. 2,165,435; July 11.
Wyler, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Preparation of pentaerythritol. 2,170,624; Aug. 22.
Wyler, Joseph A., assignor to Trojan Powder Company, Allentown, Pa. Stabilization of aldehydes. 2,170,625; Aug. 22.
Wyler, Max. (See Davies, J. S. H., Wyler, Barrett, and Linstead.)
Wylie, Howard W., Seattle, Wash., assignor to Matthews Conveyer Company, Ellwood City, Pa. Wheel type pallet conveyer. 2,172,926; Sept. 12.
Wylie, Thomas A. (See Stuart, J. K., Stacey, and Wylie.)
Wylie, Walter A., et al. (See James, Francis M., assignor.)
Wylie, William M., Ocean Beach, Calif. Jointer attachment. 2,142,433; Jan. 3.
Wyman, Charles W., Claremont, N. H., assignor to Sullivan Machinery Company. Electrical controlling apparatus. 2,148,474; Feb. 28.
Wyman, Edwin T., Brookline, Mass. Power generating and driving means. 2,147,074; Feb. 14.
Wyman, Edwin T., Boston, Mass. Pneumatic tube. 2,183,760; Dec. 19.
Wyman, Guy C., Chatham, assignor to Landon P. Smith, Inc., Irvington, N. J. Glass cutter. 2,156,249; Apr. 25.
Wyman, Le Roy L., Schenectady, N. Y., assignor to General Electric Company. Furnace heating element. 2,162,596; June 13.
Wyman, Walter S., Meeker, Colo. Branding iron. 2,153,289; Apr. 4.
Wynd, Clarence L. A., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic material. 2,153,166; Apr. 4.
Wynn, Samuel J., New York, N. Y., assignor to Colloid Corporation, Baltimore, Md. Suspensions and their production. 2,143,099; Jan. 10.
Wynne, Robert J., Bellwood, Ill., assignor to I. D. Porter. Label-removing machine. 2,170,044; Aug. 22.
Wyott Manufacturing Company, The. (See Titus, Thomas L., assignor.)
Wyper, Andrew, Sr., Birmingham, Ala. Knife structure. 2,176,830; Oct. 17.
Wyrick, Clayton E., Wyandotte, Mich. assignor to The Egry Register Company, Dayton, Ohio. Autographic register. 2,167,165; July 25.
Wyrick, Clayton E., Dayton, Ohio. Mechanical motor drive. 2,182,529; Dec. 5.
Wysowski, John, Kewanee, Ill. Arch support. 2,148,974; Feb. 28.
Wyss, Carl E., et al. (See Johnstone, Bruce D., assignor.)
Ximenez, Manuel R., Plainfield, N. J., assignor to Johns-Manville Corporation, New York, N. Y. Making a plastic composition. 2,157,645; May 9.

X-Ray Shoe Fitters, Inc. (See Adrian, Matthew B., assignor.)
Yabe, Shigeru, Nishiyodogawaku, Osaka, Japan. Air hammer. 2,167,320; July 25.
Yabroff, David L., Oakland, assignor to Shell Development Company, San Francisco, Calif. Separating mercaptans contained in a hydrocarbon distillate. 2,152,166; Mar. 28.
Yabroff, David L., Oakland, assignor to Shell Development Company, San Francisco, Calif. Removing acid components from hydrocarbon distillates. 2,152,720; Apr. 4.
Yabroff, David L., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Removal of mercaptans from hydrocarbon distillates. 2,152,721; Apr. 4.
Yabroff, David L., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Removing acid components from hydrocarbon distillates. 2,152,723; Apr. 4.
Yabroff, David L., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Removing acid components from hydrocarbon distillates. 2,168,078; Aug. 1.
Yabroff, David L., Berkeley, assignor to Shell Development Company, San Francisco, Calif. Removing acid components from hydrocarbon distillates. 2,183,801; Dec. 19.
Yabroff, David L., Berkeley, and E. R. White, Albany, assignors to Shell Development Company, San Francisco, Calif. Removing acid components from hydrocarbon solutions. 2,149,379; Mar. 7.
Yabroff, David L., Berkeley, and E. R. White, Albany, assignors to Shell Development Company, San Francisco, Calif. Removing acid components from hydrocarbon solutions. 2,149,380; Mar. 7.
Yabroff, David L., Berkeley, and E. R. White, Albany, assignors to Shell Development Company, San Francisco, Calif. Separating mercaptans contained in a hydrocarbon liquid. 2,152,722; Apr. 4.
Yabroff, David L., Berkeley, and E. R. White, Albany, assignors to Shell Development Company, San Francisco, Calif. Removal of mercaptans from mercaptide solutions. 2,152,724; Apr. 4.
Yabroff, David L., Berkeley, and E. R. White, Albany, assignors to Shell Development Company, San Francisco, Calif. Separating mercaptans contained in a hydrocarbon liquid. 2,156,577; May 2.
Yabroff, David L., Berkeley, and E. R. White, Albany, assignors to Shell Development Company, San Francisco, Calif. Removing acid components from hydrocarbon solutions. 2,160,632; May 30.
Yabroff, David L., Berkeley, and E. R. White, Albany, assignors to Shell Development Company, San Francisco, Calif. Separating mercaptans contained in a hydrocarbon liquid. 2,164,851; July 4.
Yabroff, David L., Berkeley, and E. R. White, Albany, assignors to Shell Development Company, San Francisco, Calif. Removal of mercaptans from mercaptide solutions. 2,168,851; Aug. 8.
Yacovino, Ralph, New York, N. Y. Child's garment. 2,184,329; Dec. 26.
Yadoff, Oleg. Issy-les-Moulineaux, France. Preparing an alloy having artificial radio activity. 2,175,236; Oct. 10.
Yaeger, Anton J., assignor to Prentiss-Wabers Products Co., Wisconsin Rapids, Wis. Stove construction. 2,161,118; June 6.
Yaeger, Edmund H., Longmont, Colo. Telephone station. 2,143,966; Jan. 17.
Yaeger, Harry C., West Hartford, Conn., assignor to Underwood Elliott Fisher Company, New York, N. Y. Typewriting machine. 2,156,614; May 2.
Yagich, Andrew, Cleveland, Ohio. Safety clothesline clamp. 2,148,004; Feb. 21.
Yaglou, Constantin P., Boston, Mass. Aerological instrument. 2,154,927; Apr. 18.
Yakimchick, Maxum E., Pittsfield, Mass. Toe stocking. 2,153,493; Apr. 4.
Yale & Towne Manufacturing Company, The. (See Behnke, Max O., assignor.)
Yale & Towne Manufacturing Company, The. (See Brauning, Karl A., assignor.)
Yale & Towne Manufacturing Company, The. (See Heyer, Frederic K., assignor.)
Yale & Towne Manufacturing Company, The. (See Johnstone, Theodore H., assignor.)
Yale & Towne Manufacturing Company, The. (See Ledin, Charles, assignor.)
Yale & Towne Manufacturing Company, The. (See Pritchard, Eugene R., assignor.)
Yale & Towne Manufacturing Company, The. (See Quayle, George, assignor.)
Yale & Towne Manufacturing Company, The. (See Raymond, Frank E., assignor.)
Yale & Towne Manufacturing Company, The. (See Schroeder, Charles, assignor.)
Yale & Towne Manufacturing Company, The. (See Ulinski, Bronislaus, assignor.)
Yamagoshi, Choshichi. (See Yeda, Shuzo, assignor.)
Yamaguchi, Fumiko, Los Angeles, Calif. Head covering. 2,149,655; Mar. 7.
Yamanaka, Toshio, Los Angeles, Calif. Producing pictures and other indicia on glass. 2,143,254; Jan. 10.
Yanagi, Masaji, Kamata-ku, Tokyo, Japan. Pipe joint. 2,159,242; May 23.
Yancey, Elliott S., Houston, Tex. Display device. 2,166,835; July 18.
Yancey, Perry E., Chicago, Ill., assignor to The Westinghouse Air Brake Company, Wilmerding, Pa. Dust guard cover. 2,142,230; Jan. 3.
Yancey, William O., San Francisco, Calif. Action toy. 2,154,297; Apr. 11.
Yancey, William O., and I. L. Erlach, San Francisco, Calif. Container. 2,180,653; Nov. 21.
Yanes, Francisco G., New York, N. Y. Tone-and-color synthesis in color photography. 2,173,490; Sept. 19.
Yaneson, Michael, Newark, N. J. Lock screw device. 2,152,231; Mar. 28.
Yanits, Rudolph R., Youngstown, Pa. Car coupling tool. 2,167,599; July 25.
Yankovitch, Bozhidar M., Paterson, N. J. Wheel construction. 2,145,565; Jan. 31.
Yankovitch, Bozhidar M., Paterson, N. J. Match packet holder. 2,148,792; Feb. 28.
Yankovitch, Bozhidar M., Paterson, N. J. Garment hanger. 2,153,905; Apr. 11.
Yanocsik, Gustave, Brooklyn, N. Y. Vehicle parking device. 2,171,466; Aug. 29.
Yantis, George A., Elma, Wash. Mechanism for casting metals in investment material. 2,171,778; Sept. 5.
Yantis, Roy C., Dayton, Ohio, assignor to General Motors Corporation, Detroit, Mich. Slip clutch device. 2,164,485; July 4.
Yarbrough, Harold C., assignor, by mesne assignments, to Lane-Wells Company, Los Angeles, Calif. Perforating gun. 2,142,583; Jan. 3.
Yarbrough, Harold C., Brea, Calif., assignor, by mesne assignments, to Baash-Ross Tool Company. Casing perforator. 2,152,008; Mar. 28.
Yarbrough, Vera E. (See Walker, Robert D., assignor.)
"Yard-Man", Inc. (See Funk, Truman B., assignor.)
Yarian, James L., assignor to Montgomery Ward & Co., Incorporated, Chicago, Il. Starting mechanism for explosive engines. 2,164,673; July 4.
Yarian, James L., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Governor for internal combustion engines. 2,174,676; Oct. 3.
Yarter, Eli J., deceased, Staten Island, N. Y.; E. Yarter, administratrix. Measuring instrument. 2,155,352; Apr. 18.
Yarter, Elizabeth, administratrix. (See Yarter, Eli J., assignor.)
Yarwood, Lancelot, Syracuse, assignor to Continental Can Company, Inc., New York, N. Y. Unloading apparatus. 2,181,355; Nov. 28.
Yasoshima, Yakichi, Mukoyanagiwara-Machi, Asakusa-ku, Tokyo, assignor to Riken Arumaitokogyo Kabushiki Kaisha, Tokyo, Japan. Dyeing anodic oxidized coating of aluminium or its alloys. 2,150,409; Mar. 14.
Yates, George, Glendale, assignor to R. M. McFadden, Los Angeles, Calif. Hair waver. 2,168,014; Aug. 1.
Yates, Olen H., Detroit, Mich. Tap. 2,161,497; June 6.
Yates, William S. S., Chicago, Ill. Composite tubular structure. 2,172,429; Sept. 12.
Yawman & Erbe Mfg. Co. (See Roscoe, Edwin S., assignor.)
Yawman & Erbe Mfg. Co. (See Roscoe, E. S., and Ackerman, assignors.)
Yawman & Erbe Mfg. Co. (See Yawman, Francis J., assignor.)
Yawman, Francis J., assignor to Yawman & Erbe Mfg. Co., Rochester, N. Y. Reinforced file folder. Re. 21,205; Sept. 12.
Yeager, Milburn E., Needham, Mass., assignor to National Engineering & Mfg. Co., Inc. Mechanical stoker. 2,183,386; Dec. 12.
Yeakel, Walter C. (See Dunham, E. J., and Yeakel.)
Yeakel, William M., Philadelphia, Pa. Belt and making same. 2,182,461; Dec. 5.
Yeaman, Bruce M., Glendale, Calif. Rabbit feeder. 2,168,639; Aug. 8.
Yeats, Thomas W., Long Beach, Calif. Hand truck. 2,165,603; July 11.
Yeda, Shuzo, assignor to C. Yamagoshi, Tokyo, Japan. Roentgenometer. 2,168,464; Aug. 8.
Yendrzeyowski, Peter, Wall, Pa. Drinking cup with handle. 2,145,908; Feb. 7.
Yellow Truck & Coach Manufacturing Company. (See Bock, Carl J., assignor.)
Yellow Truck and Coach Manufacturing Company. (See Flogaus, Howard A., assignor.)
Yellow Truck & Coach Manufacturing Company. (See Priess, John F., assignor.)
Yellow Truck & Coach Manufacturing Company. (See Schjolin, Hans O., assignor.)
Yenzer, George R. (See Vieth, L., Wiebusch, and Yenzer, assignors.)
Yeo, Clarence H. (See Trainer, J. E., Ziegler, Yeo, and Jordre.)
Yeomans Brothers Company. (See Sykes, R. E., and Gray, assignors.)
Yerger, Charles W., and G. Todd, assignors to Hanson-Van Winkle-Munning Company, Matawan, N. J. Electrolytic treatment of ferrous metals. 2,165,326; July 11.
Yermie Stern Commercial Attraction. (See Todd, Michael, assignor.)

Yerrick, Harry A., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Convertible chair. 2,150,478; Mar. 14.
Yerrick, Harry A., assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Hanger structure for gliders. 2,179,395; Nov. 7.
Yerrick, William D. (See Karlsson, H., and Yerrick.)
Yeske, Louis A., assignor to The Arrow-Hart & Hegeman Electric Company, Hartford, Conn. Rotary switch. 2,182,715; Dec. 5.
Yetter, Harry G., Colchester, Ill. Tractor wheel scraper. 2,157,253; May 9.
Yettner, Bernard, San Francisco, Calif. Electrode holder. 2,148,095; Feb. 21.
Yingling, Frank B., Hamilton, Ohio. Hydraulic coupling. 2,161,398; June 6.
Yingling, Frank B., Hamilton, Ohio. Locomotive. 2,170,742; Aug. 22.
Yirava, Charles R., Cleveland, Ohio. Portable dispensing apparatus. 2,158,347; May 16.
Yngve, Victor, Lakewood, Ohio, assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Spinning thermoplastic materials. 2,169,315; Aug. 15.
Yoch, James J., St. Louis, Mo. Air cooling means. 2,154,226; Apr. 11.
Yoder, Carl M., Lakewood, Ohio. Trimming and/or cutting mechanism. 2,160,999; June 6.
Yoder, Carl M., Lakewood, Ohio. Operating on sheet material. 2,179,461; Nov. 7.
Yoder, Carl M., Lakewood, Ohio. Mechanism for operating on sheet materials. 2,176,115; Oct. 17.
Yoder Company, The. (See Borzym, Alexander, assignor.)
Yoder Company, The. (See Kentis, George E., assignor.)
Yoder, Ralph E., Brooklyn, N. Y. Plastic impression compound. 2,149,804; Mar. 7.
Yoder, Ralph J., Fargo, N. Dak. Equipment for hearses. 2,162,192; June 13.
Yoerg, Alfred F., assignor of one-half to H. Schlesinger, Des Moines, Iowa. Rotary iron structure. 2,155,779; Apr. 25.
Yolles, Jacob, Paris, France, assignor to Radio Corporation of America. Ignition system. 2,161,605; June 6.
Yoneta, Takeo, Yotsuyaku, Tokyo, Japan. Safety razor. 2,163,992; June 27.
Yonkers, Edward H., Jr., Evanston, assignor to Joslyn Mfg. and Supply Co., Chicago, Ill. Signaling system and method. 2,148,389; Feb. 21.
Yonkman, William. (See Brown, M., Wagner, and Yonkman.)
York, Henry H. (See Harry, F. C. E., and York.)
York Ice Machinery Corporation. (See Bergdoll, John G., assignor.)
York Ice Machinery Corporation. (See Chamberlain Joseph R., assignor.)
York Ice Machinery Corporation. (See Groat, Keith P., assignor.)
York Ice Machinery Corporation. (See Neubauer, E. T. P., and Newton, assignors.)
York, Lantrip M., Lake Charles, La. Oil well rig. 2,168,837; Aug. 8.
York, Marvin D., assignor of one-half to R. O. and F. G. Thomas, Marlow, Ky. Radio clock. 2,178,946; Nov. 7.
York Oil Burner Company. (See Olvitt, Harry C., assignor.)
York Safe and Lock Company. (See Bescherer, Palmer, assignor.)
York Safe and Lock Company. (See Laucks, S. F., and Sioberg, assignors.)
York, William H., Newark, N. J. Folding table. 2,167,342; July 25.
Yoshimura, Teiji. (See Mizuta, M., and Yoshimura.)
Yoshinaka, Seiichi, Mesa, Wash. Apparatus for heating and circulating steam for orchards and gardens. 2,175,422; Oct. 10.
Yoskowitz, Jacob, et al. (See Yoskowitz, S., and Gauvin, assignors.)
Yoskowitz, Samuels, and A. J. Gauvin, assignors of two-fifths to said S. Yoskowitz, one-fourth to J. Yoskowitz, and seven-twentieths to J. Blotner, Asbury Park, N. J. Key blank vending mechanism. 2,148,667; Feb. 28.
Yoskowitz, Samuels, and A. J. Gauvin, assignors of two-fifths to said S. Yoskowitz, one-fourth to J. Yoskowitz, and seven-twentieths to J. Blotner, Asbury Park, N. J. Key duplicating mechanism. 2,148,668; Feb. 28.
Yost, Burl. (See Naylor, I., and Yost.)
Yost, Irvine A. (See Jacobi, W. H., and Yost.)
Yost, Lloyd, Wilmette, Ill., assignor to A. O. Smith Corporation, Milwaukee, Wis. Automatic clutch for drilling apparatus. 2,167,019; July 25.
Youart, Charles M., assignor to Porter Steel Specialties, Shelbyville, Ind. Carpet sweeper. 2,184,609; Dec. 26.
Youel, John M. (See Dobrovolny, F. J., Youel, and Klein.)
Youell, James E. (See Stanley, H. M., Minkoff, and Youell.)
Youhouse, Joseph. (See Cohen, J. H., and Youhouse.)
Youker, Malcolm P., Bartlesville, Okla. Circulating heater. 2,151,290; Mar. 21.
Youker, Malcolm P., assignor to Phillips Petroleum Company, Bartlesville, Okla. Apparatus for converting hydrocarbons. 2,150,090; Mar. 7.
Youker, Malcolm P., assignor to Phillips Petroleum Company, Bartlesville, Okla. Gas conversion process. 2,163,113; June 20.
Youker, Malcolm P., Bartlesville, Okla., assignor, by mesne assignments, to The Gray Processes Corporation, Jersey City, N. J. Vapor phase filtering process for the treatment of hydrocarbon vapors. 2,170,180; Aug. 22.
Youker, Mortimer A. (See Calcott, W. S., and Youker.)
Youker, Mortimer A., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Increasing plasticity of polymers of substituted butadienes. 2,165,525; July 11.
Youmans, William J., Fort Thomas, Ky. Coin holder. 2,168,504; Aug. 8.
Young, Allan M., assignor to Manning, Bowman & Co., Meriden, Conn. Waffle iron and temperature control and indicator therefor. 2,159,068; May 23.
Young, Allan M., assignor to Manning, Bowman & Co., Meriden, Conn. Automatic toaster. 2,176,940; Oct. 24.
Young, Arthur J., Putney, London, England, assignor to Radio Corporation of America. Cathode ray tube. 2,153,223; Apr. 4.
Young, Arthur J., Putney, London, England, assignor to Radio Corporation of America. Electrical time circuit arrangement and oscillation generator. 2,155,210; Apr. 18.
Young, Arthur J., London, England, assignor to Radio Corporation of America. Thermionic valve circuits. 2,172,746; Sept. 12.
Young, Arthur J., London, England, assignor to Radio Corporation of America. Cathode ray tube. 2,177,762; Oct. 31.
Young, Arthur J., London, England, assignor to Radio Corporation of America. Cathode ray tube circuit. 2,179,111; Nov. 7.
Young, Austin E., assignor to Syracuse Chilled Plow Company, Inc., Syracuse, N. Y. Cone roller for potato diggers and the like. 2,171,779; Sept. 5.
Young, Charles D., Haverford, Pa. Turbine drive for locomotives. 2,172,234; Sept. 5.
Young, Charles J., Haverford, Pa., assignor to Radio Corporation of America. Synchronous motor speed control means. 2,150,572; Mar. 14.
Young, Charles W., South Norwood, London, assignor of one-half to A. R. Wilson, Leigh-on-Sea, Essex, England. Apparatus for pulverizing minerals and other materials. 2,155,697; Apr. 25.
Young, Claude B., Columbus, Ohio. Synthesis of base exchange materials. 2,143,670; Jan. 10.
Young, D'Arcy A. (See Teague, W. D., and Young.)
Young, Donald H., San Francisco, Calif., assignor, by mesne assignments, to The American Brake Shoe and Foundry Company, New York, N. Y. Excavator. 2,158,348; May 16.
Young, Douglass A., East Orange, and H. L. Bernarde, Kearny, N. J., assignors to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Repulsion vane instrument. 2,157,947; May 9.
Young, Dubois, et al. (See Nelson, Emil A., assignor.)
Young, Elmer, Whitlock, Tenn. Crushing machine. 2,176,808; Oct. 17.
Young, Eugene E., San Diego, Calif. Animal trap. 2,145,537; Jan. 31.
Young, Forrest J., Los Angeles, assignor to The National Supply Company, Torrance, Calif. Lubricating device for cross heads. 2,183,878; Dec. 19.
Young, Fred, West Haven, Conn., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Blasting assembly. 2,171,384; Aug. 29.
Young, Fred M., Racine, Wis. Device for bonding fins to tubes. 2,160,633; May 30.
Young, Fred M., Racine, Wis. Radiator bypass device. 2,164,605; July 4.
Young, Fred M., Racine, Wis. Core fin binder strip. 2,168,549; Aug. 8.
Young, Fred M., Racine, Wis. Heat transfer unit. 2,174,677; Oct. 3.
Young, Fred M., Racine, Wis. Rivet and making riveted joints. 2,174,678; Oct. 3.
Young, Fred M., Racine, Wis. Heat exchanger. 2,184,657; Dec. 26.
Young, Fred M., Racine, Wis. Radiator. 2,184,658; Dec. 26.
Young, Fred M., and E. Witzel, assignors to Young Radiator Company, Racine, Wis. Oil temperature regulating device. 2,159,468; May 23.
Young, Frederick S. (See Willard, H. E., and Young.)
Young, George H., Pittsburgh, Pa., assignor to Stoner-Mudge, Inc. Coating compound. 2,169,717; Aug. 15.
Young, Harold M., et al. (See Hartman, Thomas L., assignor.)
Young, Harry R. (See Benzon, G. H., Jr., and Young.)
Young, Helen E., Darien, Conn. Dust trap for sewing and other machines. 2,157,176; May 9.
Young, Henry S. (See Allen, E. M., and Young.)
Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,143,967; Jan. 17.
Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,156,675; May 2.
Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Switch control and indication system. 2,162,927; June 20.
Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling. 2,168,816; Aug. 8.

Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Switch control and indication system. 2,177,125; Oct. 24.
Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway signaling system. 2,178,294; Oct. 31.
Young, Henry S., Wilkinsburg, assignor to The Union Switch & Signal Company, Swissvale, Pa. Railway traffic controlling apparatus. 2,179,462; Nov. 7.
Young, Howard A., Westfield, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Treating fibrous material. 2,173,241; Sept. 19.
Young, Howard A., Westfield, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Treating fibrous material. 2,173,242; Sept. 19.
Young, Howard A., Westfield, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Treating fibrous materials. 2,173,243; Sept. 19.
Young, Howard A., Westfield, N. J., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Treating fibrous materials. 2,173,244; Sept. 19.
Young, Howard J., River Forest, assignor to The Powers Regulator Company, Chicago, Ill. Combined pressure and temperature equalizer. 2,172,489; Sept. 12.
Young, Hugh E., Chicago, Ill. Constant voltage system. 2,154,020; Apr. 11.
Young, Hugh E., Chicago, Ill. Motor control. 2,179,569;
Young, Hugh E., assignor to J. Wentworth, Chicago, Ill. Heating device. 2,152,126; Mar. 28.
Young, Irvin L., Chicago, Ill. Label folding machine. 2,145,638; Jan. 31.
Young, James G., Ottawa, Ontario, Canada. Antiskid device. 2,177,340; Oct. 24.
Young, James H., assignor to H. H. Robertson Company, Pittsburgh, Pa. Building construction and system for circulating air. 2,182,686; Dec. 5.
Young, James H., and P. W. Jenkins, assignors to H. H. Robertson Company, Pittsburgh, Pa. Fireproofing member. 2,142,164; Jan. 3.
Young, James H., and P. W. Jenkins, assignors to H. H. Robertson Company, Pittsburgh, Pa. Fireproof structural member of buildings or other structures. 2,142,165; Jan. 3.
Young, James L., Jr., Dallas, Tex. Electric loom. 2,146,611; Feb. 7.
Young, L. A. (See Oldham, John M., assignor.)
Young, L. A., Spring & Wire Corporation. (See Fischer, John F., assignor.)
Young, Lafe, and A. A. Boyle, Alton, Ill., assignors to Laclede Steel Company, St. Louis, Mo. Wire mill equipment. 2,163,389; June 20.
Young, Lee E. (See Raymond, G., and Young.)
Young, Leo C. (See Taylor, A. H., and Young.)
Young, Leonard A. (See Oldham, John M., assignor.)
Young, Leonard A. (See Smith, Robert F., assignor.)
Young, Leonard A., Detroit, Mich. Nut and like machine element and making. 2,151,258; Mar. 21.
Young, Leonard A., Detroit, Mich. Washer. 2,157,516; May 9.
Young, Leonard A., Detroit, Mich. Garment hanger. 2,160,188; May 30.
Young, Leonard A., Detroit, Mich. Washer. 2,175,423; Oct. 10.
Young, Leonard A., Detroit, Mich. Washer. 2,175,424; Oct. 10.
Young, Leonard A., Detroit, Mich. Garment hanger. 2,177,163; Oct. 24.
Young, Leonard A., assignor to Star-Service Hanger Company, Detroit, Mich. Garment hanger. 2,155,071; Apr. 18.
Young, Leonard A., and J. M. Oldham, Detroit, Mich.; said Oldham assignor to said Young. Safety razor and blade therefor. 2,155,749; Apr. 25.
Young, Leonard A., and J. M. Oldham, Detroit, Mich.; said Oldham assignor to said Young. Razor. 2,156,559; May 2.
Young, Lewis G., Sherman, Conn. Crane. 2,149,381; Mar. 7.
Young, Lloyd L., Patchogue, N. Y., assignor to Radio Corporation of America. Temperature control device. 2,179,838; Nov. 14.
Young, Lloyd W., Elizabeth, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Blowpipe igniting apparatus. 2,144,238; Jan. 17.
Young, Lloyd W., Scotch Plains, N. J., assignor to The Linde Air Products Company. Portable blowpipe machine. 2,148,666; Feb. 28.
Young, Lloyd W., Scotch Plains, N. J., assignor, by mesne assignments, to Union Carbide and Carbon Corporation. Automatic reproducing process and machine. 2,172,313; Sept. 5.
Young, Louis H., Auburndale, assignor to Gillette Safety Razor Company, Boston, Mass. Optical comparator. 2,185,010; Dec. 26.
Young, Otto W. (See Gibbons, H. R., and Young.)
Young, Paul H., Chicago, Ill., assignor to W. L. Stensgaard & Associates, Inc. Display device. 2,175,789; Oct. 10.
Young Radiator Company. (See Ewald, Warren, assignor.)
Young Radiator Company. (See Ramsaur, Walter R., assignor.)
Young Radiator Company. (See Young, F. M., and Witzel, assignors.)
Young, Raymond G., assignor of one-half to C. P. Swiler, Jr., Omaha, Nebr. Book rack. 2,151,259; Mar. 21.
Young, Richard V. (See Gilman, H., and Young.)
Young, Robert W., Jr., Winnetka, Ill. Turntable center. 2,154,799; Apr. 18.
Young, Russell, et al. (See Petty, William S., assignor.)
Young, Walter H., Detroit, Mich., deceased; J. Van Fleet, administrator, assignor, by decree of court and mesne assignments, to J. Van Fleet, Detroit, Mich. Vibratory electric motor. 2,175,237; Oct. 10.
Young, William, et al. (See Petty, William S., assignor.)
Young, William J., Peabody, Mass. Heel grading machine. 2,171,720; Sept. 5.
Young, William K., Rockford, Ill. Boring tool. 2,178,384; Oct. 31.
Young, William M., assignor to Taylor Instrument Companies, Rochester, N. Y. Thermometer. 2,179,773; Nov. 14.
Young, William M., and L. B. Paules, Harrisburg, Pa. Pretzel machine. 2,161,267; June 6.
Young, William P. (See Gibbs, J. T., and Young.)
Young, William R., Fairfield, Conn., assignor to General Electric Company. Cord reel for electric plug caps. 2,167,541; July 25.
Young, William T., Canton, and T. L. Fawick, Akron, Ohio. Transmission gearing and brake. 2,165,993; July 11.
Young, William W. (See Boericke, G. W., and Young.)
Youngberg, Walter K., Meriden, Conn. Food slicer. 2,144,557; Jan. 17.
Youngberg, Walter K., Meriden, Conn. Game. 2,163,456; June 20.
Younger, Alexander R., Edgware, England. Ventilating device. 2,152,614; Mar. 28.
Youngfelt, Theodore T., Hinsdale, J. A. Basal, Chicago, and R. H. Hurd, Hinsdale, assignors to United States Gypsum Company, Chicago, Ill. Board-cutting machine. 2,169,575; Aug. 15.
Younghusband, James L., Chicago, Ill. Vanity case. 2,147,277; Feb. 14.
Younghusband, James L., Chicago, Ill. Lipstick device. 2,159,872; May 23.
Younghusband, James L., Chicago, Ill. Lipstick device. 2,159,873; May 23.
Younghusband, James L., Chicago, Ill. Vanity case. 2,172,462; Sept. 12.
Younghusband, James L., Chicago, Ill. Practice means for shooting of moving objects. 2,174,813; Oct. 3.
Younghusband, James L., Chicago, Ill. Massage device. 2,176,697; Oct. 17.
Youngman, John, and H. R. Culp, Whitman County, Wash. Ore grinder. 2,171,296; Aug. 29.
Youngman, Gardner M., Washington, D. C. Apparatus for producing yarn. 2,145,144; Jan. 24.
Youngstown Foundry & Machine Company, The. (See Thomas, Lloyd R., assignor.)
Youngstown Sheet & Tube Company, The. (See Adams, James L., Jr., assignor.)
Youngstown Sheet and Tube Company, The. (See Firth, Cyril, assignor.)
Youngstown Sheet and Tube Company, The. (See Mirfield, George, assignor.)
Youngstown Sheet and Tube Company, The. (See Mishler, Earnest W., assignor.)
Youngstown Sheet and Tube Company, The. (See Reinhardt, Gustav A., assignor.)
Youngstown Sheet and Tube Company, The. (See Walters, Francis M., Jr., assignor.)
Youngstown Steel Door Company, The. (See Beauchamp, Wilfred A., assignor.)
Youngstown Steel Door Company, The. (See Ditchfield, Frank, assignor.)
Youngstown Steel Door Company, The. (See Madland, Gabriel, assignor.)
Youngstown Steel Door Company, The. (See Tobin, Kenneth J., assignor.)
Youngstown Steel Door Company, The. (See Tobin, K. J., and Madland, assignors.)
Youngstown Steel Car Corporation. (See Wilkoff, L. C., and Day, assignors.)
Yoxall, Joseph, Deganwy, North Wales, assignor to Propello Inventions Limited, London, England. Hydraulic power transmission device. 2,154,882; Apr. 18.
Ytterberg, Arle, assignor to Allmänna Svenska Elektriska Aktiebolaget, Vasteras, Sweden. Method and arrangement for signaling over alternating current networks. 2,149,486; Mar. 7.
Ytterberg, Arle T., assignor to Allmänna Svenska Elektriska Aktiebolaget Vasteras, Sweden. Electrical regulator. 2,177,424; Oct. 24.
Yule, John A. C., assignor to Eastman Kodak Company, Rochester, N. Y. Photomechanical color reproduction. 2,161,399; June 6.
Yule, John A. C., assignor to Eastman Kodak Company, Rochester, N. Y. Photomechanical color process. 2,176,518; Oct. 17.
Yule, John A. C., assignor to Eastman Kodak Company, Rochester, N. Y. Black printer for photomechanical processes. 2,183,524; Dec. 19.
Yule, John A. C., assignor to Eastman Kodak Company, Rochester, N. Y. Black printer. 2,183,525; Dec. 19.

Yundt, Michael, Company. (See Perkins, Frank P., assignor.)
Yurcak, Nicholas. (See Bochicchio, P. B., and Yurcak.)
Z-Flex Piston Ring Corporation, The. (See Zahodiakin, Victor F., assignor.)
Z Pack Corporation. (See Stafford, Earl, assignor.)
Z. Pack Corporation. (See Zarotschenzeff, Mikail T., assignor.)
Zabel, William P. (See Krejci, R. F., and Zabel.)
Zabel, William P., Cleveland Heights, Ohio, assignor to General Electric Company. Manufacturing filaments. 2,142,865; Jan. 3.
Zabel, William P., Cleveland Heights, Ohio, assignor to General Electric Company. Method and apparatus for treating filaments. 2,179,367; Nov. 7.
Zablochi, Eugene C., assignor to Briggs Manufacturing Company, Detroit, Mich. Gauge for sewing machines. 2,159,538; May 23.
Zablocki, Eugene C., assignor to Briggs Manufacturing Company, Detroit, Mich. Sewing machine. 2,147,006; Feb. 14.
Zablocki, Eugene C., assignor to Briggs Manufacturing Company, Detroit, Mich. Glue spreading machine. 2,157,724; May 9.
Zabransky, Franz. (See von Radiis, G. R., Patzl, Kuschel, Klanner, and Zabransky.)
Zabriskie, John W., Kingsport, Tenn., assignor, by mesne assignments, to Eastman Kodak Company, Jersey City, N. J. Purification of quinone. 2,148,669; Feb. 28.
Zaccaro, Frank, and P. C. Milosis, New York, N. Y. Automatic hair waving comb and clamp device. 2,171,422; Aug. 29.
Zachariä, Erich, Berlin-Zehlendorf, Germany, assignor to Askania-Werke A. G. Measuring device. 2,142,741; Jan. 3.
Zacharias, Erhard. (See Kellner, Gustav, assignor.)
Zacharias, Robert M., Washington, D. C., assignor to The Hoover Company, North Canton, Ohio. Suction cleaner coupling. 2,159,116; May 23.
Zachs, Jennie R., Hartford, Conn. Ruling instrument. 2,168,694; Aug. 8.
Zadek, Arthur, New York, N. Y. Rattle. 2,159,874; May 23.
Zadek, Milton, assignor to Reflector Hardware Corporation, Chicago, Ill. Swivel joint. 2,156,367; May 2.
Zademach, Erich R., Elizabeth, N. J., assignor to Metalwash Machinery Company, Inc. Washing machine. 2,175,677; Oct. 10.
Zaenger, William W., Toledo, Ohio. Power transmission. 2,181,162; Nov. 28.
Zagwyn, Conrad J., Brighton, Mass. Fuel mixing device. 2,157,809; May 9.
Zahm, Joseph D. (See Lehn, J. U., and Zahm.)
Zahn, Cornelis W., assignor to J. A. Carp's Garenfabrieken N. V., Helmond, Netherlands. Dyeing fibrous materials with vat dyestuffs. 2,174,372; Sept. 26.
Zahn, John S., assignor to The Ohio Steel Foundry Company, Lima, Ohio. Apparatus for casting cylindrical rolls. 2,173,955; Sept. 26.
Zahn, Karl, and K. Schimmelschmidt, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs insoluble in water and fiber dyed therewith. 2,149,236; Feb. 28.
Zahn, Karl, and K. Schimmelschmidt, Frankfort-on-the-Main-Hochst, Germany, assignors to General Aniline Works, Inc., New York, N. Y. 3-hydroxy-diphenylene oxides and preparing them. 2,172,572; Sept. 12.
Zahn, Otto E., assignor to American Foundry Equipment Company, Mishawaka, Ind. Tumbling mill. 2,154,883; Apr. 18.
Zahner, Andrew and L. W., Kansas City, Mo. Sheet metal seaming machine. 2,171,297; Aug. 29.
Zahner, Leo W. (See Zahner, Andrew and L. W.)
Zahnradfabrik Friedrichshafen Aktiengesellschaft. (See Hofer, Hermann, assignor.)
Zahnradfabrik Friedrichshafen Aktiengesellschaft. (See Molly, Hans, assignor.)
Zahnradfabrik Friedrichshafen Aktiengesellschaft. (See von Soden-Fraunhofen, Alfred G., assignor.)
Zahodiakin, Victor F. (See Niederlehner, Milton J., assignor.)
Zahodiakin, Victor F., New York, N. Y. Making piston rings. 2,152,128; Mar. 28.
Zahodiakin, Victor F., Cincinnati, Ohio, assignor to The Z-Flex Piston Ring Corporation. Making piston rings. 2,152,127; Mar. 28.
Zaidan Hojin Rikagaku Kenkyujo. (See Miyata, Akira, assignor.)
Zaiger, Louis, Lynn, Mass. Windshield wiper. 2,160,246; May 30.
Zaiger, Louis, Lynn, Mass. Automobile bumper. 2,183,438; Dec. 12.
Zaiger, Max, Swampscott, Mass. Windshield heater. Re. 21,213; Sept. 19.
Zaiger, Max, Swampscott, Mass. Wiper for windshields. 2,149,037; Feb. 28.
Zaiger, Max, Swampscott, Mass. Windshield wiper. 2,153,224; Apr. 4.
Zaiger, Max, Swampscott, Mass. Clip for windshield wipers. 2,153,225; Apr. 4.
Zaio, George J., Iron Mountain, Mich. Closet seat for infants. 2,155,577; Apr. 25.
Zaisser, William, Woodside, assignor of one-half to H. S. Walker, New York, N. Y. Pulverulent dry compound for forming paints, plastics, and cements. 2,178,770; Nov. 7.
Zakel, Paul, et al. (See Walch, Jacob S., assignor.)
Zalkind, Philip, New York, N. Y. Joint. 2,142,166; Jan. 3.
Zalkind, Philip, New York, N. Y. Prong. 2,142,167; Jan. 3.
Zalkind, Philip, New York, N. Y. Panel. 2,144,646; Jan. 24.
Zalkind, Philip, New York, N. Y. Drawer. 2,152,676; Apr. 4.
Zalkind, Philip, New York, N. Y. Cabinet. 2,159,069; May 23.
Zalkind, Philip, New York, N. Y. Container and parts thereof. 2,159,070; May 23.
Zalkind, Philip, New York, N. Y. Set-up insulation box. 2,165,327; July 11.
Zalkind, Philip, New York, N. Y. Collapsible insulating casing. 2,173,871; Sept. 26.
Zalkind, Philip, New York, N. Y. Reentrant clip. 2,184,829; Dec. 26.
Zaloudek, William A., assignor to The Oakes Manufacturing Company, Tipton, Ind. Chick fount. 2,144,174; Jan. 17.
Zambarano, Aurelio E., Cranston, R. I. Hand winding reel. 2,176,286; Oct. 17.
Zamorski, Frank, et al. (See Reenstierna, Gustaf L., assignor.)
Zand, Stephen J. (See Kenyon, T. W., Zand, and Carlson.)
Zand, Stephen J., Forest Hills, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Variable ratio manual controller for aircraft. 2,175,584; Oct. 10.
Zand, Stephen J., Forest Hills, assignor to Sperry Gyroscope Company, Inc., Brooklyn, N. Y. Noise reducing means for cabin aircraft. 2,180,843; Nov. 21.
Zander, Wilhelm, assignor to Deutsche Gold- und Silber Scheideanstalt, vormals Roessler, Frankfort-on-the-Main, Germany. Transformation of soluble mixtures containing chlorinated rubber into insoluble products. 2,145,639; Jan. 31.
Zandt, Lawrence W., and V. K. Lipp, Seattle, Wash. Fish cleaning wheel. 2,177,013; Oct. 24.
Zangrando, Silvio J., Albany, N. Y. Tile cutting gauge. 2,144,697; Jan. 24.
Zap Development Corporation. (See Zaparka, Edward F., assignor.)
Zap, Edward F., West Chester, Pa. Jet controlled airfoil. 2,176,809; Oct. 17.
Zaparka, Edward F., assignor to Zap Development Corporation, Baltimore, Md. Airplane control apparatus. 2,147,360; Feb. 14.
Zaparka, Edward F., assignor to Zap Development Corporation, Baltimore, Md. Airfoil mechanism. 2,170,886; Aug. 29.
Zaparka, Edward F., Coraopolis, Pa., assignor to Zap Development Corporation, Baltimore, Md. Flap device. 2,170,887; Aug. 29.
Zaparka, Edward F., assignor to Zap Development Corporation, Baltimore, Md. Aileron device. 2,173,674; Sept. 19.
Zapf, John A. (See Schultz, J. A., Jr., and Zapf.)
Zapis, William, Brooklyn, N. Y. Bathing trunks. 2,166,514; July 18.
Zapis, William, Brooklyn, N. Y. Shoe lacing. 2,182,835; Dec. 12.
Zapp, Frank J., and M. H. Weinstein, Chicago, Ill. Indicating switch. 2,171,822; Sept. 5.
Zapp, Robert L., Easton, Pa., assignor to Binney and Smith Company, New York, N. Y. Cellulose ether pigmented base. 2,173,444; Sept. 19.
Zapp, Robert L., Easton, Pa., assignor to Binney and Smith Company, New York, N. Y. Pigmented base for coating compositions. 2,173,445; Sept. 19.
Zapp, Walter, assignor to Valsts Elektrotechniska Fabrika, Riga, Latvia. Lens mechanism for photographic apparatus. 2,147,567; Feb. 14.
Zapp, Walter, assignor to Valsts Elektrotechiska Fabrika, Riga, Latvia. Film feeding mechanism for photographic apparatus. 2,161,941; June 13.
Zapp, Walter, assignor to Valsta Elektrotechniska Fabrika, Riga, Latvia. Roll film camera. 2,169,548; Aug. 15.
Zarafu, Herman, West New York, assignor to Elevator Supplies Company, Incorporated, Hoboken, N. J. Spooling or reeling mechanism. 2,155,211; Apr. 18.
Zarafu, Herman, assignor to Elevator Supplies Company, Incorporated, New York, N. Y. Spooling or reeling apparatus. 2,178,414; Oct. 31.
Zaremba Company. (See Hughes, Burton S., assignor.)
Zarotschenzeff, Mikail T., New York, N. Y., assignor to Z. Pack Corporation, Jersey City, N. J. Frame freezing. 2,183,732; Dec. 19.
Zartman, Castle W., Kew Gardens, assignor to Western Electric Company, Incorporated, New York, N. Y. Manifold form. 2,184,509; Dec. 26.
Zaugg, Arthur. (See Mellor, L. L., and Zaugg.)
Zauner, Harry C., Dayton, Ohio. Molding device. 2,152,009; Mar. 28.
Zavarella, Raphael, assignor of one-half to C. D. Scully and one-fourth to H. K. Brooks, Pittsburgh, and one-fourth to J. A. Rykaczewski, Braddock, Pa. Front wheel suspension for motor vehicles. 2,155,521; Apr. 25.

Zaveruka, Alex J., Mount Clemens, Mich. Cam-action punch press. 2,155,629; Apr. 25.
Zavka, Mario, Terni, Italy, assignor to Ammonia Casale Società Anonima, Lugano-Massagno, Switzerland. Obtaning products of polymerization of acetylene. 2,163,223; June 20.
Zebrowski, Alexander, Stamford, Conn. Window sash lock. 2,151,632; Mar. 21.
Zecha, Otto, Vienna, Austria. Sound record disk. 2,148,225; Feb. 21.
Zecher, Gustav, Eindhoven, Netherlands, assignor to General Electric Company. Parallel connected gas filled discharge tube. 2,162,597; June 13.
Zeh, Ludwig, Leverkusen–Wiesdorf, and C. Heuck, Leverkusen-I. G.-Werk, Germany, assignors to Durand & Huguenin Aktiengesellschaft, Basel, Switzerland. Water-soluble derivatives of vat dyestuffs. 2,159,195; May 23.
Zeh, Walter, Wolfen, Kreis Bitterfeld, Germany, assignor to Agfa Ansco Corporation, Binghamton, N. Y. Pentamethine-omega-aldehydes of heterocyclic bases. 2,152,615; Mar. 28.
Zeh, Walter, Wolfen, Kreis Bitterfeld, Germany, assignor, by mesne assignments, to Agfa Ansco Corporation, Binghamton, N. Y. 2-alkylhexahydrobenzthiazoles and 2-alkyl-hexahydrobenzselenazoles. 2,173,491; Sept. 19.
Zehrbach, Edgar L., Findlay, Ohio. Air-supplying means for stokers. 2,171,958; Sept. 5.
Zeidler, Kurt E., Pittsburgh, Pa., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Refrigerator car floor rack. 2,168,595; Aug. 8.
Zeidler, Kurt E., Pittsburgh, Pa., assignor, by mesne assignments, to Standard Railway Equipment Manufacturing Company. Refrigerator car construction. 2,172,686; Sept. 12.
Zeidler, Kurt E., Pittsburgh, Pa., assignor to Standard Railway Equipment Manufacturing Company, Chicago, Ill. Refrigerator car. 2,180,654; Nov. 21.
Zeidler, Paul M., Mount Vernon, N. Y. Piano. 2,153,226; Apr. 4.
Zeidler, Reinhold C., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Clutch construction. 2,163,971; June 27.
Zeidler, Reinhold C., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Clutch. 2,171,385; Aug. 29.
Zeidler, Reinhold C., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Clutch control. 2,172,077; Sept. 5.
Zeidler, Reinhold C., Detroit, Mich., assignor to Borg-Warner Corporation, Chicago, Ill. Apparatus for heat treating and forming clutch disks or the like. 2,183,300; Dec. 12.
Zeidler, William A., Bronxville, assignor to Change-A-Blade Corporation, New York, N. Y. Making scissors. 2,177,414; Oct. 24.
Zeier, Frederick F. (See Weis, J. P., and Zeier.)
Zeier, Frederick F., Nyack, assignor, by mesne assignments, to Willcox & Gibbs Sewing Machine Co., New York, N. Y. Bag closing apparatus. 2,146,279; Feb. 7.
Zeigler, John H. (See Gordon, J. J., and Zeigler.)
Zeilman, Roy H., assignor to Thew Shovel Company, Lorain, Ohio. Semitrailer load handling machine mechanism. 2,157,376; May 9.
Zein Corporation of America, The. (See Coleman, Roy E., assignor.)
Zeiss, Carl. (See Eppenstein, Otto, assignor.)
Zeiss, Carl. (See Eppenstein, O., and Dietzel, assignors.)
Zeiss, Carl. (See Guldbrandsen, Henry, assignor.)
Zeiss, Carl. (See Hartinger, Hans, assignor.)
Zeiss, Carl. (See Keck, Paul, assignor.)
Zeiss, Carl. (See König, Albert, assignor.)
Zeiss, Carl. (See Merté, Willy, assignor.)
Zeiss, Carl. (See Richter, Robert, assignor.)
Zeiss, Carl. (See Rönne, Henning, assignor.)
Zeiss, Carl. (See von Gruber, Otto, assignor.)
Zeiss Ikon Aktiengesellschaft. (See Bartels, Heinrich, assignor.)
Zeiss Ikon Aktiengesellschaft. (See Bartels, H., and Müller, assignors.)
Zeiss Ikon Aktiengesellschaft. (See Clamann, Gerhard, assignor.)
Zeiss Ikon Aktiengesellschaft. (See Fischer, Otto, assignor.)
Zeiss Ikon Aktiengesellschaft. (See Frötschner, Hellmuth, assignor.)
Zeiss Ikon Aktiengesellschaft. (See Gäbler, Kurt, assignor.)
Zeiss Ikon Aktiengesellschaft. (See Görlich, Paul, assignor.)
Zeiss Ikon Aktiengesellschaft. (See Hoffmann, Kurt, assignor.)
Zeiss Ikon Aktiengesellschaft. (See Küppenbender, Heinz, assignor.)
Zeiss Ikon Aktiengesellschaft. (See Küppenbender, H., and Winzenburg, assignors.)
Zeiss Ikon Aktiengesellschaft. (See Ploke, Martin, assignor.)
Zeiss Ikon Aktiengesellschaft. (See Ploke, M., and Lang, assignors.)
Zeiss Ikon Aktiengesellschaft. (See Nerwin, Hubert, assignor.)
Zeiss Ikon Aktiengesellschaft. (See Sauer, Hans, assignor.)
Zeiss Ikon Aktiengesellschaft. (See Sauer, H., and Vierling, assignors.)
Zeiss, Ikon, Aktiengesellschaft. (See Sauer, H., Henkel, and Bartels, assignors.)
Zeiss Ikon Aktiengesellschaft. (See Schering, H., and Merz, assignors.)
Zeiss Ikon Aktiengesellschaft. (See Wachtler, Conrad, assignor.)
Zelda Radow Salon of Body Sculpture, Inc. (See Faigle, Athur A., assignor.)
Zeligman, Rubin, and D. Turin, Brooklyn, N. Y. Self-cleaning windshield. 2,160,099; May 30.
Zell, David H., Brooklyn, N. Y. Indicator container. Re. 21,119; June 13.
Zell, Robert. (See Krause, A., and Zell.)
Zellerbach Paper Company. (See McGrath, L. J., and Hall, assignors.)
Zellhoefer, Glenn F. (See Copley, Michael J., assignor.)
Zellhoefer, Glenn F., Normal, Ill. Refrigeration. 2,149,947; Mar. 7.
Zellhoefer, Glenn F., assignor to Williams Oil-O-Matic Heating Corporation, Bloomington, Ill. Refrigerating apparatus. 2,142,960; Jan. 3.
Zellhoefer, Glenn F., Bloomington, and C. S. Marvel, Urbana, Ill.; said Marvel assignor to said Zellhoefer. Penta alkylene glycol dialkyl ethers and making them. 2,146,323; Feb. 7.
Zellhoefer, Glenn F., Bloomington, and C. S. Marvel, Urbana, Ill.; said Marvel assignor to said Zellhoefer. Hexa alkylene glycol dialkyl ethers and making them. 2,146,324; Feb. 7.
Zellhoefer, Glenn F., Normal, and C. S. Marvel and M. J. Copley, Urbana, Ill.; said Marvel and said Copley assignors to said Zellhoefer. Solvent. 2,149,948; Mar. 7.
Zellner, Carl N., and J. R. Stevens, assignors to Merck & Co. Inc., Rahway, N. J. Synthesizing allantoin. 2,158,098; May 16.
Zellstofffabrik Waldhof. (See Kranz, Bertold, assignor.)
Zeman, Bernard R., assignor to Swank Products, Inc. Belt buckle. 2,156,647; May 2.
Zeman, Bernard R., Providence, R. I., assignor to Swank Products, Inc. Cravat holder. 2,181,443; Nov. 28.
Zemba, John W. (See Coleman, G. H., and Zemba.)
Zenewich, Joseph, Chicago, Ill. Wallpaper placement and aligning means. 2,168,505; Aug. 8.
Zengerle, Joseph C. (See Holbrook, F. C., and Zengerle.)
Zenner, George H., Kenmore, assignor to The Linde Air Products Company, New York, N. Y. Apparatus for and method of operating cascade systems. 2,157,103; May 9.
Zenner, Raymond E. (See Burcky, C. W., and Zenner.)
Zenner, Raymond E., Brookfield, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,157,517; May 9.
Zenner, Walter J. (See Hanke, E. W. F., and Zenner.)
Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,147,075; Feb. 14.
Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Station selection. 2,152,010; Mar. 28.
Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Keyboard transmitter. 2,163,302; June 20.
Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Printing telegraph apparatus. 2,170,316; Aug. 22.
Zenner, Walter J., Des Plaines, assignor to Teletype Corporation, Chicago, Ill. Telegraph transmitter. 2,173,147; Sept. 19.
Zenone, Alexander. (See Golber, H. E., and Zenone.)
Zenorini, Andrew, Cliffside, N. J. Fabric and making the same. 2,155,212; Apr. 18.
Zenorini, Andrew, Cliffside, N. J. Yarn. 2,155,213; Apr. 18.
Zenz, Wilhelm, Coblenz-Neuendorf, assignor of one-half to O. Cupper, Coblenz, Germany. Hydraulic steadying device, especially for motor vehicles. 2,142,296; Jan. 3.
Zepler, Erich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Multiwave range receiver. 2,145,676; Jan. 31.
Zepler, Erich, assignor to Telefunken Gesellschaft für Drahtlose Telegraphie m. b. H., Berlin, Germany. Automatic volume control. 2,171,638; Sept. 5.
Zerbe, Edward H., Grosse Pointe Park, Mich., assignor to The Burkhardt Company. Loose leaf binder. 2,162,153; June 13.
Zerbe, Frederick K. (See Needham, H. H., Schmidtz, and Zerbe.)
Zerbe, Frederick K. (See Needham, H. H., and Zerbe.)
Zerbe, Frederick K., Waukesha, assignor to A. O. Smith Corporation, Milwaukee, Wis. Welded pressure vessel. 2,179,774; Nov. 14.
Zerbee, Louis J., Bellefontaine, Ohio. Chair. 2,163,078; June 20.
Zerk, Oscar U., and D. R. Vanneman, Chicago, Ill.; said Vanneman assignor to said Zerk. Hold-over arrangement for refrigerant system evaporators. 2,169,332; Aug. 15.

Zerk, Oscar U., and D. R. Vanneman, Chicago, Ill.; said Vanneman, assignor to said Zerk. Power-transmitting clutch an doperating means therefor. 2,169,333; Aug. 15.

Zerk, Oscar U., and D. R. Vanneman, Chicago, Ill.; said Vanneman assignor to said Zerk. Power take-off for engine-driven mechanisms. 2,169,334; Aug. 15.

Zerkowitz, Guido, Trieste, Italy, assignor to Gesellschaft für Linde's Eismaschinen A. G., Hollriegelskreuth, near Munich, Germany. Turbine for low temperature gas separation. 2,165,994; July 11.

Zero, James, Brooklyn, N. Y. Covering for tile tooth brush holders. 2,148,043; Feb. 21.

Zerr, Karl L., Brooklyn, N. Y., assignor of one-half to N. Littell, New Canaan, Conn. Cooking apparatus. 2,142,390; Jan. 3.

Zeruneith, Rudolph E., New York, N. Y. Safety control. 2,171,467; Aug. 29.

Zerweck, Werner. (See Manz, G., Zerweck, and Kunze.)

Zerweck, Werner, and E. Schwamberger, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Producing compounds of the azole series. 2,148,920; Feb. 28.

Zerweck, Werner, E. Heinrich, and O. Trösken, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the anthraquinone series. 2,150,793; Mar. 14.

Zerweck, Werner, and H. Ritter, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Acid wool dyestuff. 2,151,543; Mar. 21.

Zerweck, Werner, and W. Kunze, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Azo dyestuffs. 2,157,725; May 9.

Zerweck, Werner, and H. Ritter, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Nitro derivatives of para alkyl sulphoxides of diphenylamines. 2,158,648; May 16.

Zerweck, Werner, and W. Brunner, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the 2′-naphthalene-2′-indolindigo series and making same. 2,161,400; June 6.

Zerwek, Werner, and E. Heinrich, Frankfort-on-the-Main-Fechenheim, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Dyestuffs of the anthraquinone series. 2,168,947; Aug. 8.

Zerweck, Werner, Frankfort-on-the-Main-Fechenheim, and E. Gofferjé, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Vat dyestuffs of the dipyrazolanthrone series. 2,176,443; Oct. 17.

Zetka, Joseph B., Nutley, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Sound system and apparatus therefor. 2,175,678; Oct. 10.

Zetterlund, Hans A. (See Rowe, E. D., and Zetterlund.)

Zetterquist, Eric, Drexel Hill, assignor to Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Elastic fluid turbine. 2,147,874; Feb. 21.

Zetzsche, Walther, E. Stix, and H. Faber, Premnitz, and M. O. Schürman, Dormager, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Producing crimped artificial fibers from cuprammonia cellulose solutions. 2,153,031; Apr. 4.

Zetzsche, Walther, Premnitz, and J. Giesen, and E. von Pongratz, Leuna, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Manufacture of artificial silk. 2,171,324; Aug. 29.

Zickrick, Lyall, Schenectady, N. Y., assignor to General Electric Company. Electrical switch contact. 2,178,508; Oct. 31.

Ziebolz, Herbert, and H. J. Velten, Chicago, Ill., assignors to Askania-Werke A. G. Method of and apparatus for controlling the flow of fluids. 2,169,174; Aug. 8.

Ziebolz, Herbert, and H. J. Velten, Chicago, Ill., assignors to Askania-Werke A. G. Method of and apparatus for controlling the flow of fluids. 2,169,175; Aug. 8.

Ziegler, Crawford. (See Trainer, J. E., Ziegler, Yeo, and Jordre.)

Ziegler, Henry M., Salina, Kans. Hot box detector and signal appliance. 2,164,674; July 4.

Ziegler, James C., Panama, C. Z. Student's control stick for airplanes. 2,163,114; June 20.

Ziegler, Ralph B. (See Jensen, J. A., and Ziegler.)

Ziegler, Russell A. (See Kennedy, R. O., and Ziegler.)

Ziegler, Russell A., Douglaston, and F. Ferguson, assignors to Cluett, Peabody & Co. Inc., Troy, N. Y. Shirt holddown device. 2,163,654; June 27.

Ziegler, William J., Clarks Summit, Pa. Plate dispenser with cap. 2,182,606; Dec. 5.

Ziehl, Othon A., Union, assignor to Metals Disintegrating Company, Inc., Elizabeth, N. J. Bronze or metallic paste pigments. 2,144,953; Jan. 24.

Ziehm, Kurt F., Jr., assignor to Illinois Watch Case Company, Elgin, Ill. Multiple catch. 2,150,536; Mar. 14.

Ziehm, Marvin F., assignor to Rural Fire Apparatus Co., Inc., Hortonville, Wis. Trail finder. 2,154,714; Apr. 18.

Zieke, Karl. (See Frank, A. R., Franck, Zieke, and Hey.)

Ziemmerman, Henry, assignor to Chicago Cardboard Company, Chicago, Ill. Folding display. 2,147,132; Feb. 14.

Ziemmerman, Henry, assignor to Chicago Cardboard Company, Chicago, Ill. Basket display. 2,156,250; Apr. 25.

Ziemmerman, Henry, assignor to Chicago Cardboard Company, Chicago, Ill. Folding display. 2,164,860; July 4.

Ziemmerman, Henry, assignor to Chicago Cardboard Company, Chicago, Ill. Folding display frame. 2,181,827; Nov. 28.

Zier, Edward M., assignor to R. B. Zier, New Albany, Ind. Melting furnace. 2,178,059; Oct. 31.

Zier, Robert H., Washington, D. C. Coasting skate. 2,152,011; Mar. 28.

Zier, Rozine B. (See Zier, Edward M., assignor.)

Zies, Carl W., Lakewood, assignor to The V. D. Anderson Company, Cleveland, Ohio. Steam trap. 2,174,485; Sept. 26.

Zieve, William A., Brooklyn, N. Y. Knitting machine. 2,150,200; Mar. 14.

Zieve, William A., North Bergen, N. J. Knitting machine. 2,174,544; Oct. 3.

Zifferer, Morton F., Great Neck, N. Y., assignor, by mesne assignments, to U. S. Expansion Bolt Co., York, Pa. Expansion bolt. 2,159,580; May 23.

Zigerli, Paul, Zurich, Switzerland. Purification of sewage or waste liquors. 2,158,954; May 16.

Ziguelde, Georges, Paris, France, assignor to International Business Machines Corporation, New York, N. Y. Accounting machine. 2,172,078; Sept. 5.

Zilberman, Myron C., Brooklyn, L. O. Thunberg, Bronx, and L. V. Skinner, New York, N. Y. Half-tone engraving and apparatus for and making the same. 2,149,487; Mar. 7.

Ziller, Hans-Joachim, assignor to P. Wever, Dusseldorf, Germany. Belt-hook press. 2,167,820; Aug. 1.

Zillman, Ben O. (See Marcham, A. J., and Reynolds, assignors.)

Zimarik, Louis, assignor to The Prosperity Company, Inc., Syracuse, N. Y. Washing machine. 2,175,936; Oct. 10.

Zimbalist, William H., New York, N. Y. Pulley. 2,147,183; Feb. 14.

Zimic, Michael, Forest Hills West, Long Island, and A. Miskovsky, Astoria, Long Island, N. Y.; said Miskovsky assignor to said Zimic. Knitting machine and method. 2,164,170; June 27.

Zimmer, Charles. (See MacBride, Milton F., assignor.)

Zimmer, Charles. (See Willard, Louis E., assignor.)

Zimmer, Edward, Newark, assignor to David Kahn, Inc., North Bergen, N. J. Fountain pen identifying device. 2,156,775; May 2.

Zimmer, John C. (See Morway, A. J., and Zimmer.)

Zimmer, John C., Hillside, and J. B. Holtzclaw, Roselle, N. J., assignors to Standard Oil Development Company. Cutting and cooling lubricant. 2,165,436; July 11.

Zimmer, John C., Hillside, N. J., and J. B. Crutchfield, Richmond, Va., assignors to Standard Oil Development Company. Rustproofing composition. 2,184,952; Dec. 26.

Zimmer, Joseph B. (See Anderson, Carl J., assignor.)

Zimmer Manufacturing Company. (See Ettinger, Joe J., assignor.)

Zimmerman, Arthur G., Westmont, N. J., assignor to Radio Corporation of America. Phonograph. 2,146,519; Feb. 7.

Zimmerman, Arthur G., Indianapolis, Ind., assignor to Radio Corporation of America. Galvanometer mount for sound recording apparatus. 2,154,080; Apr. 11.

Zimmerman, Charles E., Chicago, Ill. Application of cosmetics. 2,176,831; Oct. 17.

Zimmerman, Charles H., West Hartford, Conn. Slotted airplane wing tip. 2,163,655; June 27.

Zimmerman, Emery K. (See Harroun, R. W., and Zimmerman.)

Zimmerman, Emory K. (See Harroun, R. W., and Zimmerman.)

Zimmerman, Fred R., assignor to Nachman Spring-filled Corporation, Chicago, Ill. Spring coupling machine. 2,150,755; Mar. 14.

Zimmerman, Fred R., assignor to Nachman-Springfield Corporation, Chicago, Ill. Fiber cutting machine. 2,154,256; Apr. 11.

Zimmerman, Herman W., North Chicago, assignor, by mesne assignments, to F. G. and G. J. Wacker, Lake Forest, Ill. Torque measuring wrench. 2,144,731; Jan. 24.

Zimmerman, Herman W., assignor to Automotive Maintenance Machinery Co., North Chicago, Ill. Machine for sizing and finishing bores. 2,155,072; Apr. 18.

Zimmerman, Herman W., assignor to Automotive Maintenance Machinery Co., North Chicago, Ill. Apparatus for finishing circular objects. 2,176,163; Oct. 17.

Zimmerman, Herman W., Highland Park, assignor, by mesne assignments, to F. G. and G. J. Wacker, Lake Forest, Ill. Torque measuring wrench. 2,151,953; Mar. 28.

Zimmerman, Herman W., Highland Park, assignor by mesne assignments, to F. G. and G. J. Wacker, Lake Forest, Ill. Torque measuring wrench. 2,169,673; Aug. 15.

Zimmerman, Herman W., Highland Park, assignor, by mesne assignments, to F. G. and G. J. Wacker, Lake Forest, Ill. Torque measuring wrench. 2,171,872; Sept. 5.
Zimmerman, Herman W., Highland Park, assignor, by mesne assignments, to F. G. and G. J. Wacker, Lake Forest, Ill. Torque-measuring wrench. 2,174,356; Sept. 26.
Zimmerman, Herman W., Highland Park, assignor, by mesne assignments, to F. G. and G. J. Wacker, Lake Forest, Ill. Torque measuring wrench. 2,183,633; Dec. 19.
Zimmerman, Jessie M., Goldenbridge, N. Y. Interlock 2,178,984; Nov. 7.
Zimmerman, Merle A. (See Kraft, W. W., and Zimmerman.)
Zimmerman, Merle A., assignor to The Lummus Company, New York, N. Y. Fluid heater. 2,147,610; Feb. 14.
Zimmerman, Percy W., and A. E. Hitchcock, assignors to Boyce Thompson Institute for Plant Research, Inc., Yonkers, N. Y. Solution for propagation of plants. 2,168,550; Aug. 8.
Zimmerman, Percy W., and A. E. Hitchcock, assignors to Boyce Thompson Institute for Plant Research, Inc., Yonkers, N. Y. Propagation of plants. 2,169,549; Aug. 15.
Zimmerman, Richard, Lawrence, Kans. Imprinting system for printing presses. 2,164,852; July 4.
Zimmerman, Willard P., and M. K. Holmes, Muncie, Ind., assignors to Owens-Illinois Glass Company. Manufacturing hollow glass articles. 2,149,246; Feb. 28.
Zimmermann, Hermann. (See Bergius, F., Koch, and Zimmermann.)
Zimmermann, Max, and W. Funke, Leverkusen-Wiesdorf, Germany, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Removing enamel. 2,174,454; Sept. 26.
Zimmermann, William F., Maplewood, assignor to Gould & Eberhardt, Newark, N. J. Conoidal bit cutting machine. 2,161,268; June 6.
Zimmermann, William F., Maplewood, assignor to Gould & Eberhardt, Newark, N. J. Machine for slotting cutter bodies. 2,161,269; June 6.
Zimmermann, William F., Maplewood, assignor to Gould & Eberhardt, Newark, N. J. Work table. 2,183,363; Dec. 12.
Zimmermann, William F., Maplewood, and G. Davenport, Verona, assignors to Gould & Eberhardt, Newark, N. J. Roller bearing mounted work table. 2,183,362; Dec. 12.
Zimmern, Emy, Née Baruch, New York, N. Y. Foldable cabinet. 2,167,861; Aug. 1.
Zimmers, Wilma M., et al. (See Hall, William J., assignor.)
Zimowske, Fred J., Mio, Mich. Scriber. 2,158,210; May 16.
Zimtbaum, Nathan, New York, N. Y. Reclining chair. 2,146,520; Feb. 7.
Zindel, Ernst, assignor to Junkers Flugzeug-und Motorenwerke Acktiengesellschaft, Dessau (Anhalt), Germany. Rudder brake. 2,144,135; Jan. 17.
Zingg, Werner. (See Beusch, W., and Zingg.)
Zink, Fred W., assignor to Whitehead Stamping Company, Detroit, Mich. Carrier for rope, wire, and the like. 2,165,021; July 4.
Zink, George A., Indianapolis, Ind., assignor to General Motors Corporation, Detroit, Mich. Floating plastic bronze faced bearing. 2,145,962; Feb. 7.
Zink, George W., Stratford, Conn., assignor to Phelps Dodge Copper Products Corporation, New York, N. Y. Electric cable. 2,157,377; May 9.
Zink, William J., Birmingham, Ala., assignor to Mathews Conveyer Company, Ellwood City, Pa. Telescoping conveyer. 2,169,890; Aug. 15.
Zink, William J., Birmingham, Ala., assignor to Mathews Conveyer Company, Ellwood City, Pa. Vegetable sizing apparatus. 2,183,233; Dec. 12.
Zinke, Alois. (See Hönel, H., and Zinke.)
Zinke, Alois, Graz, Austria, assignor to the firm Beck, Koller & Company, Inc., Detroit, Mich. C-substituted phenols and making same. 2,154,192; Apr. 11.
Zinke, Louis A., De Witt County, Tex. Powder distributing attachment for tractors. 2,171,205; Aug. 29.
Zinkernagel, Richard, New York, and G. P. Jackson, Flushing, assignors to Combustion Engineering Company, Inc., New York, N. Y. Underfeed stoker. 2,164,100; June 27.
Zinkil, Roy H., Oak Park, assignor to Crane Co., Chicago, Ill. Float operated supply valve. 2,155,698; Apr. 25.
Zinkil, Roy H., Oak Park, assignor to Crane Co., Chicago, Ill. Thermostatically operating device. 2,165,171; July 4.
Zinkil, Roy H., Oak Park, assignor to Crane Co., Chicago, Ill. Safety bathing fixture. 2,168,079; Aug. 1.
Zinkil, Roy H., Oak Park, and G. R. McCurdy, Wilmette, assignors to Crane Co., Chicago, Ill. Urinal stall. 2,147,588; Feb. 14.
Zinkil, Roy H., Oak Park, E. A. Fredrickson, Chicago, and E. W. Marchand, Maywood, assignors to Crane Co., Chicago, Ill. Drinking fountain head. 2,172,306; Sept. 5.
Zinner, Karl, Dresden, assignor to Daimler-Benz Aktiengesellschaft, Stuttgart-Unterturkheim, Germany. Internal combustion engine. 2,156,327; May 2.
Zinngrabe, John L., Chicago, Ill. Game. 2,160,299; May 30.
Zinser, Irwin, assignor to Gaylord Container Corporation, St. Louis, Mo. Collapsible table. 2,174,679; Oct. 3.
Zinser, Irwin, assignor to Gaylord Container Corporation, St. Louis, Mo. Voting booth. 2,180,131; Nov. 14.
Zinsser, Ludwig, Murr, Oberamt Marbach, Germany. Machine for working or disintegrating materials of all kinds, especially for husking grains. 2,166,652; July 18.
Zinsser, William, & Co. (See Townend, R. V., and Clayton, assignors.)
Zinzalian, George. (See Amthor, F. G., and Zinzalian.)
Zipay, John R., Pittsburgh, Pa. Variable pitch propeller mechanism. Re. 21,108; May 30.
Zippel, Richard, Holzhausen, near Leipzig, Germany. Spraying apparatus. 2,149,932; Mar. 7.
Zippler, Mary E. (See Zippler, Stanley W., assignor.)
Zippler, Stanley W., assignor, by mesne assignments, to M. E. Zippler, Pleasantville, N. J. Amusement swing. 2,146,045; Feb. 7.
Zirngibl, Hans, Bitterfeld, assignor to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Preparing aluminates. 2,176,444; Oct. 17.
Zirngibl, Hans, Bitterfeld, and R. Griessbach, Wolfen, Kreis Bitterfeld, assignors to I. G. Farbenindustrie Aktiengesellschaft, Frankfort-on-the-Main, Germany. Reducing kieserite. 2,171,966; Sept. 5.
Ziska, Adam, Wauwatosa, Wis. Spring. 2,155,073; Apr. 18.
Zitscher, Arthur. (See Laska, L., Zitscher, and Heil.)
Zitscher, Arthur, Cronberg in Taunus, R. Schmitt, Darmstadt, and H. Kracker, Frankfort-on-the-Main, Germany, assignors to General Aniline Works, Inc., New York, N. Y. Water-insoluble azo dyestuffs and fiber dyed therewith. 2,142,594; Jan. 3.
Zitzler, John A., assignor to Speer Carbon Company, St. Marys, Pa. Manufacturing anodes. 2,158,995; May 23.
Zitzler, John A., St. Marys, Pa., assignor to Speer Carbon Company. Carbon anode. 2,158,996; May 23.
Zitzler, John A., St. Marys, Pa., assignor to Speer Carbon Company. Carbon anode. 2,158,997; May 23.
Zitzler, John A., assignor to Speer Carbon Company, St. Marys, Pa. Anode and manufacturing the same. 2,158,998; May 23.
Zizelsberger, Hans, Munich, assignor to F. Deckel, Munich-Prince Ludwigshohe, Germany. Photographic shutter. 2,183,802; Dec. 19.
Zizinia, Paul T., Belmar, and T. L. McKenna, Newark, assignors to Spray Dryer Laboratory Corporation, Jersey City, N. J. Process and apparatus for spray drying. 2,154,000; Apr. 11.
Zmay, Constantine, Chicago, Ill. Roasting machine. 2,162,793; June 20.
Zobel, Theodor, and U. Noetzlin, Berlin, Germany, assignors, by mesne assignments, to The Linde Air Products Company, New York, N. Y. Nozzle for cutting blowpipes. 2,175,160; Oct. 3.
Zoebelein, Hugo. (See Gruber, W., Thoma, and Zoebelein.)
Zoeller, Walter E. (See Phelps, P., and Zoeller.)
Zoerlein, Emil, assignor to Ford Motor Company, Dearborn, Mich. Cooling system for internal combustion engines. 2,161,942; June 13.
Zoethout, Daniël A. C., Driehuis-Westerveld, assignor to N. V. Hollandsche Draad-en Kabelfabriek, Amsterdam, Netherlands. High tension cable. 2,142,625; Jan. 3.
Zofrey, Agathis, Akron, Ohio. Idler. 2,177,921; Oct. 31.
Zohn & Co., G. m. b. H. (See Barkholt, Hans, assignor.)
Zoll, Henry, Elmhurst, assignor to Eberhard Faber Pencil Co., Brooklyn, N. Y. Eraser tipped pencil. 2,180,132; Nov. 14.
Zomnir, Joseph E., Springfield, Mass., assignor to The Diamond Match Company, New York, N. Y. Assembling strips of flexible material. 2,156,419; May 2.
Zomzely, Stephen, Brooklyn, N. Y. Supporting and illuminating license tags and advertising plates. 2,182,419; Dec. 5.
Zonino, Frederick, Naugatuck, Conn., assignor, by mesne assignments, to United States Rubber Company, New York, N. Y. Cutting blanks from plastic strip material. 2,167,734; Aug. 1.
Zonis, Sydney, Bridgeport, Conn., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Lubricating means for sewing machines. 2,151,308; Mar. 21.
Zonite Products Corporation. (See Minaeff, M. G., and Hughes, assignors.)
Zonn, Saul J., Milton, Mass. Automatic fish trap. 2,144,175; Jan. 17.
Zook, David F., Evanston, Ill. Flight indicator. 2,181,444; Nov. 28.
Zook, John S., Madison, Wis., assignor, by mesne assignments, to Micro Switch Corporation, Freeport, Ill. Illuminating device. 2,156,443; May 2.
Zoppa, Arthur E., New York, N. Y. Self-energizing sea water processing plant. 2,179,537; Nov. 14.
Zoppi, Emanuele, Genova, Italy. Whetting files, rasps, and the like. 2,173,218; Sept. 19.
Zorn, Hermann. (See Haag, W., Hofmann, and Zorn.)
Zorn, Hermann. (See Hoffmann, G. Haag, and Zorn.)
Zotos Corporation. (See Evans, R. L., and McDonough, assignors.)
Zotos Corporation. (See Seward, Robert B., assignor.)

Zotos, Georg, Berlin-Charlottenburg, Germany. Heating furnaces for melting glass, silicates, and other refractory material. 2,147,476; Feb. 14.
Zottu, Paul D., West Caldwell, N. J., assignor to Radio Corporation of America. Ultra short wave circuit. 2,143,671; Jan. 10.
Zottu, Paul D., West Caldwell, N. J., assignor to Radio Corporation of America. Short wave electron discharge system. 2,177,272; Oct. 24.
Zoub, Erazm, New York, N. Y. Safety device for cash registers or the like. 2,170,362; Aug. 22.
Zouckermann, Armand. (See Zuckermann, A., and Renard.)
Zschau, Hugo M. (See Wodack, O. P., and Zschau.)
Zuber, Ernest A., deceased, Chicago, Ill.; M. Stresslor, executrix. Lock. 2,146,134; Feb. 7.
Zublin, Ernest W., assignor to Shell Development Company, San Francisco, Calif. Purification and separation of gaseous mixtures. 2,157,879; May 9.
Zublin, John A., Los Angeles, Calif. Composite bit. 2,151,544; Mar. 21.
Zublin, John A., Los Angeles, Calif. Composite bit. 2,151,545; Mar. 21.
Zublin, John A., Los Angeles, Calif. Fluid operated rotary drilling bit. 2,154,553; Apr. 18.
Zublin, John A., Los Angeles, Calif. Star-disk roller bit. 2,154,554; Apr. 18.
Zublin, John A., Los Angeles, Calif. Reamer. 2,156,444; May 2.
Zublin, John A., Los Angeles, Calif. Aerial navigation. 2,179,570; Nov. 14.
Zublin, John A., Los Angeles, Calif. Fluid operated drilling bit. 2,184,065; Dec. 19.
Zublin, John A., Los Angeles, Calif. Fluid operated drilling tool. 2,184,066; Dec. 19.
Zublin, John A., Los Angeles, Calif. Drill bit. 2,184,067; Dec. 19.
Zublin, John A., Los Angeles, Calif. Fluid operated drill- 2,184,068; Dec. 19.
Zubiria, Carlos C., Mexico, D. F., Mexico. Venetian blind structure. 2,158,454; May 16.
Zuckerman, Adolph M., assignor to R. Hoe & Co., Inc., New York, N. Y. Folder for printing machines. 2,164,370; July 4.
Zuckerman, Adolph M., assignor to R. Hoe & Co., Inc., New York, N. Y. Cutting and folding mechanism for printing machines. 2,171,619; Sept. 5.
Zuckerman, Adolph M., assignor, by mesne assignments, to R. Hoe & Co., Inc., New York, N. Y. Inking mechanism for rotary intaglio printing machines. 2,182,367; Dec. 5.
Zuckermann, Armand, called A. Zouckermann, Paris, and A. J. E. Renard, Saint-Denis, assignors to Société à Responsabilité Limitée: Luminograph, Paris, France. Machine to punch electric sign tape or the like. 2,164,046; June 27.
Zückert, Richard, Bohmisch-Budweis, assignor to the firm "Koh-i-noor" tužkárna L. & C. Hardtmuth, Ces. Budejovice, Czechoslovakia. Lead for pencils, color pencils, copying pencils, or the like and manufacturing the same. 2,149,905; Mar. 7.
Zückert, Richard, near Budweis, assignor to firm "Koh-i-noor" Tuzkarna L. & C. Hardtmuth, Ces. Budejovice, Czechoslovakia. Manufacture of a multicolor lead. 2,165,827; July 11.
Zugschwerdt, Werner H. (See McNally, J. G., Dickey, and Zugschwerdt.)
Zull, Frederick M., Valley Stream, N. Y. Denture. 2,168,967; Aug. 8.
Zumft, George, assignor, by mesne assignments, to The Madison Products Company, New York, N. Y. Sprayer. 2,157,726; May 9.
Zummach, John G., Racine, Wis. Humidifier. 2,182,836; Dec. 12.
Zumwinkel, Helen S., Webster Groves, Mo. Basket carriage. 2,154,800; Apr. 18.
Zupa, Frank A., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Relay. 2,148,598; Feb. 28.
Zupnyk, William, Philadelphia, Pa. Hair-fastening device. 2,171,019; Aug. 29.
Zurcher, Ernest, Knoxville, Tenn., assignor to General Electric Company. Thermostatic switch mechanism. 2,160,634; May 30.
Zuschlag, Theodor, West Englewood, N. J., assignor to Magnetic Analysis Corporation, Long Island City, N. Y. Magnetic analysis. 2,144,476; Jan. 17.
Zuschlag, Theodor, West Englewood, N. J., assignor to Magnetic Analysis Corporation, Long Island City, N. Y. Heat treatment apparatus. 2,154,928; Apr. 18.
Zuver, Audley V., Cleveland, Ohio. Automobile frame. 2,172,885; Sept. 12.
Zwack, Raymond T., assignor to Eclipse Aviation Corporation, East Orange, N. J. Rotation control mechanism. 2,180,287; Nov. 14.
Zwald, Adolph, Portland, Oregon, assignor to the Government of the United States of America, represented by the Secreary of War. Tag line hoist for fish lift gates 2,169,316; Aug. 15.
Zwick, Kurt. (See Ostler, J., and Zwick.)
Zwick, Kurt, assignor to Friedrich Deckel Prazisionsmechanick und Maschinenbau, Munich, Germany. Cutter grinding machine. 2,144,095; Jan. 17.
Zwick, Kurt, Munich, assignor to F. Deckel, Munchen-Prinz-Ludwigshohe, Germany. Engraving and copying machine. 2,176,193; Oct. 17.
Zwick, Kurt, Munich, assignor to F. Deckel, Munich-Prince, Ludwigshohe, Bavaria, Germany. Tool spindle for engraving and copying machines. 2,178,130; Oct. 31.
Zwick, Kurt, Munich, assignor to F. Deckel, Munich-Prince Ludwigshohe, Bavaria, Germany. Copying and engraving machine. 2,178,131; Oct. 31.
Zwickey, Clifford. (See Brandt, H. E., and Zwickey.)
Zwickl, Joseph R., Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Reversing valve mechanism. 2,145,575; Jan. 31.
Zwickl, Joseph R., Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Protective control circuit and apparatus. 2,145,909; Feb. 7.
Zwickl, Joseph R., Philadelphia, Pa., assignor to Baldwin-Southwark Corporation. Combined air conditioning unit and hair drier. 2,157,047; May 2.
Zwicky, Kaspar, and F. Brunner, assignors to the firm Aktiengesellschaft Cilander, Herisau, Switzerland. Producing wash-fast sized fabrics resistant to shrinkage. 2,159,875; May 23.
Zwierzina, Alois J., et al. (See Ackerman, Edward L., assignor.)
Zwilgmeyer, Frithjof. (See Dahlen, M. A., and Zwilgmeyer.)
Zwilgmeyer, Frithjof, Arden, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Diazo compounds. 2,148,146; Feb. 21.
Zwilgmeyer, Frithjof, Arden, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Intermediate for azo dyes and the manufacture thereof. 2,148,252; Feb. 21.
Zwilgmeyer, Frithjof, Arden, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyes. 2,167,142; July 25.
Zwilgmeyer, Frithjof, Arden, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Azo dyestuffs. 2,175,370; Oct. 10.
Zwilgmeyer, Frithjof, Arden, assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Meta-halo-p-ethoxy-acetoacet anilides and manufacturing the same. 2,175,371; Oct. 10.
Zwilling, Theodor, Kiel-Wellingdorf, Germany, assignor to La Mont Corporation, New York, N. Y. Forced circulation vapor generator. 2,170,790; Aug. 22.
Zworykin, Vladimir K., administrator. (See Ogloblinsky, Gregory N.)
Zworykin, Vladimir K., Philadelphia, Pa., assignor to Radio Corporation of America. Electron multiplier device. 2,144,239; Jan. 17.
Zworykin, Vladimir K., Philadelphia, Pa., assignor to Radio Corporation of America. Intelligence transmission system. 2,146,876; Feb. 14.
Zworykin, Vladimir K., Philadelphia, Pa., assignor to Radio Corporation of America. Electrical device. 2,159,937; May 23.
Zworykin, Vladimir K., Philadelphia, Pa., assignor to Radio Corporation of America. Cathode ray device. 2,168,892; Aug. 8.
Zworykin, Vladimir K., Philadelphia, Pa., assignor to Radio Corporation of America. High-frequency oscillator. 2,173,193; Sept. 19.
Zworykin, Vladimir K., Philadelphia, Pa., assignor to Radio Corporation of America. Radio course indicator. 2,183,634; Dec. 19.
Zworykin, Vladimir K., Collingswood, N. J., assignor, by mesne assignments, to Radio Corporation of America, New York, N. Y. Television system. 2,157,048; May 2.
Zworykin, Vladimir K., Philadelphia, Pa., and L. Malter, Collingswood, N. J., assignors to Radio Corporation of America. Electron multiplier device. 2,147,825; Feb. 21.
Zworykin, Vladimir K., Philadelphia, Pa., and L. Malter, Collingswood, N. J., assignors to Radio Corporation of America. Electric discharge device. 2,150,573; Mar. 14.
Zworykin, Vladimir K., Philadelphia, Pa., and L. Malter, Oaklyn, N. J., assignors to Radio Corporation of America. Electric discharge device. 2,157,585; May 9.
Zworykin, Vladimir K., Philadelphia, Pa., and L. Malter, Oaklyn, N. J., assignors to Radio Corporation of America. Method and apparatus for detecting heat. 2,159,755; May 23.
Zworykin, Vladimir K., Haddonfield, and G. N. Ogloblinsky, Collingswood, N. J., assignors to Radio Corporation of America. Television system. 2,178,093; Oct. 31.
Zwoyer, Ellsworth B. A., Perth Amboy, and A. L. Stillman, Plainfield, assignors to The General Fuel Briquette Corporation, Jersey City, N. J. Producing fuel briquettes. 2,162,989; June 20.
Zylo Ware Corporation. (See Shyer, Joseph, assignor.)

LIST OF DESIGN PATENTEES

Abbate, Jacob, New York, N. Y. Dress. 113,079; Jan. 24.
Abbate, Jacob, New York, N. Y. Dress. 116,499; Sept. 5.
Abbate, Jacob, New York, N. Y. Dress. 116,500; Sept. 5.
Abbate, Jacob, New York, N. Y. Dress. 116,526; Sept. 5.
Abbate, Jacob, New York, N. Y. Dress. 116,532; Sept. 5.
Abbott, Lillian, New York, N. Y. Dress. 115,464; June 27.
Abeles, Jerome, assignor to The Formfit Company, Chicago, Ill. Foundation garment. 115,886; July 25.
Abell, John W., assignor to Turner & Seymour Manufacturing Company, Torrington, Conn. Handle for kitchen utensils or the like. 113,128; Jan. 31.
Abels, Wasserberg & Co. (See Goldberg, Harold, assignor.)
Abrams, Albert, New York, N. Y. Combined double ended jar and cap cover therefor or similar article. 117,705; Nov. 21.
Abrams, Talbert, Lansing, Mich. Airplane. 113,649; Mar. 7.
Acme Breweries. (See McCabe, Alexander and Adele, assignors.)
Adams, Donald W., and R. L. Schuhmann, Louisville, Ky. Coffee roaster or the like. 115,378; June 27.
Adams, Donald W., and R. L. Schuhmann, Louisville, Ky. Coffee roaster or the like. 115,379; June 27.
Adams, Wilbur H., Cleveland Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Refrigerator. 114,984; May 30.
Addressograph-Multigraph Corporation. (See Curtis, Franklin E., assignor.)
Adelstein, Eddie, New York, N. Y., assignor to Delamere Company, Inc. Hair ornament or similar article. 116,731; Sept. 19.
Adelstein, Eddie, New York, N. Y., assignor to Delamere Company, Inc. Hair ornament or similar article. 118,032; Dec. 12.
Adlake Company, The. (See Alm, H. G., and McDonald, assignors.)
Adlake Company, The. (See Stewart, Lemuel L., assignor.)
Adlake Company, The. (See Verhagen, Christian M., assignor.)
Adjusta Company. (See Hirsh, Fred, assignor.)
Adler, Charles, New York, N. Y. Brooch pin or similar article. 115,679; July 11.
Advance Aluminum Castings Corp. (See Grundstrom, Erik G., assignor.)
Agnew, Howard J., Arkansas City, Kans. Desk ornament or the like. 114,888; May 23.
Agostineto, Giacomo, Trout Creek, Mich. Knife. 113,829; Mar. 21.
Ahlborg, John E., Denver, Colo. Hanger for supporting removable objects. 113,340; Feb. 14.
Ahlborg, John E., Denver, Colo. Paper towel dispensing cabinet or similar article. 115,189; June 13.
Ahlborg, John E., Denver, Colo. Paper towel dispensing cabinet or similar article. 115,190; June 13.
Ahmid, Said, Dearborn, Mich. Pocket knife. 113,449; Feb. 21.
Ahrndt, Arthur H., assignor to U. S. Slicing Machine Company, La Porte, Ind. Casing element for a slicing machine. 112,765; Jan. 3.
Aibel, Samuel H., New York, N. Y. Veiling. 115,366; June 20.
Aibel, Samuel H., New York, N. Y. Veiling. 116,897; Sept. 26.
Aimes, Francis M., Yonkers, N. Y. Combination desk unit. 113,102; Jan. 31.
Airmaster Corporation. (See Funk, James M., assignor.)
Akron Brass Manufacturing Company. (See Schellin, J. C., Love, and Housekeeper, assignors.)
Albe Lamp & Shade Co. (See Kurzac, Jean, assignor.)
Albers, John R., Sioux City, Iowa. Wind charging unit. 117,513; Nov. 7.
Albertson, Victor N., St. Louis Park, and J. Henningsen, assignors to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Tractor. 114,112; Apr. 4.
Albright, Harry I., Akron, Ohio. Bed lamp or similar article. 115,325; June 20.
Albright, Raymond W., assignor to American Anode Inc., Akron, Ohio. Combined water and ice bag. 116,004; Aug. 8.
Albright, Raymond W., assignor to American Anode Inc., Akron, Ohio. Combined water and ice bag. 117,845; Nov. 28.
Aldrich, Ralph N., and A. H. Jaehne, assignors to Standard Oil Company of California, San Francisco, Calif. Service station. 112,954; Jan. 17.
Aldrich, Ralph N., and A. H. Jaehne, assignors to Standard Oil Company of California, San Francisco, Calif. Service station. 116,392; Aug. 29.
Aldrich, Ralph N., and A. H. Jaehne, assignors to Standard Oil Company of California, San Francisco, Calif. Service station. 117,032; Oct. 10.
Alexander, George D., Minneapolis, Minn. Dump wagon body. 118,033; Dec. 12.
Alexander, Joseph, New York, N. Y. Textile fabric. 112,898; Jan. 10.
Alexander, Merrill L. (See Gaultier, M. P., and Alexander.)
Allen, Elbert W., Belgium, Wis. Shoe. 114,276; Apr. 11.
Allen, Grosvenor N., Kenwood Station, Oneida, and L. E. Ressegger, assignors to Oneida Ltd., Oneida, N. Y. Spoon or similar article. 113,614; Mar. 7.
Allen, Grosvenor N., Kenwood Station, Oneida, and M. P. Fleming, Niagara Falls, assignors to Oneida Ltd., Oneida, N. Y. Spoon or similar article. 113,615; Mar. 7.
Allen, Grosvenor N., Kenwood Station, Oneida, and M. P. Fleming, Niagara Falls, assignors to Oneida Ltd., Oneida, N. Y. Spoon or similar article. 113,616; Mar. 7.
Allen, Grosvenor N., Oneida, M. P. Fleming, Niagara Falls, and L. E. Ressegger, assignors to Oneida Ltd., Oneida, N. Y. Spoon or similar article. 114,113; Apr. 4.
Allen, Grosvenor N., Oneida, M. P. Fleming, Niagara Falls, and L. E. Ressegger, assignors to Oneida Ltd., Oneida, N. Y. Spoon or similar article. 114,114; Apr. 4.
Allen, Grosvenor N., Oneida, and P. L'Anglais, New York, assignors to Oneida Ltd., Oneida, N. Y. Dish or similar article. 116,211; Aug. 22.
Allen, Grosvenor N., Oneida, and W. H. Gerth, New York, assignors to Oneida Ltd., Oneida, N. Y. Spoon or similar article. 116,439; Sept. 5.
Allen, Jack G., assignor to F. H. Noble & Co., Chicago, Ill. Display box. 115,602; July 11.
Allen, Jack G., assignor to F. H. Noble & Co., Chicago, Ill. Display box. 115,603; July 11.
Allen, John E., Chicopee Falls, Mass., assignor to Sobol Bros. Service Stations, Inc., New York, N. Y. Tire. 117,660; Nov. 21.
Allen, Kenneth C. (See Meeker, D. A., and Allen.)
Allen-Morrison Sign Co. (See Dey, John B., assignor.)
Allen, Reginald B., Arden, N. C., assignor of one-half to C. Searcy. Vegetable chopper. 113,726; Mar. 14.
Allen, Walter, assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Floor covering or the like. 117,441; Nov. 7.
Allied Manufacturers, Incorporated. (See Staub, David E., assignor.)
Allis-Chalmers Manufacturing Company. (See Hobbs, Verne F., assignor.)
Allison Steel Manufacturing Company. (See Rau, John A., assignor.)
Alm, Henry G., Elkhart, Ind., and S. B. McDonald, Chicago, Ill., assignors to The Adlake Company. Corner lighting fixture or similar article. 113,501; Feb. 28.
Almquist, Nils T. (See Anderson, O. M., and Almquist.)
Alper, Abraham, New York, N. Y. Coat. 113,485; Feb. 28.
Alper, Abraham, New York, N. Y. Coat. 113,526; Feb. 28.
Alper, Abraham, New York, N. Y. Coat. 114,525; May 2.
Althoff, Lawrence A., Chicago, Ill. Heater. 113,249; Feb. 7.
Altman, Bernard, New York, and P. Stiller, Bronx, N. Y. Steam generating electric sadiron. 115,842; July 25.
Altorfer Bros. Company. (See Waltman, Chauncey E., assignor.)
Altorfer, Henry W., Peoria, Ill. Ironing machine table. 113,250; Feb. 7.
Altorfer, Henry W., Peoria, Ill. Ironing machine cabinet. 113,251; Feb. 7.
Altorfer, Henry W., Peoria, Ill. Ironing machine cabinet. 114,314; Apr. 18.
Altorfer, Henry W., Peoria, Ill. Washing machine. 117,442; Nov. 7.
Aluminum Cooking Utensil Company, The. (See Brickley, Samuel C., assignor.)
Alweil, Murry, New York, N. Y. Dress. 118,317; Dec. 26.
Ambrose, John P., Bronx, assignor to Phinney-Walker Company, Inc., New York, N. Y. Pull wind desk clock and base combination. 116,130; Aug. 15.
Amen, Vivian, New York, N. Y. Dress. 113,176; Jan. 31.
Amen, Vivian, New York, N. Y. Dress. 113,544; Feb. 28.
American Anode Inc. (See Albright, Raymond W., assignor.)
American Blower Corporation. (See Petersen, Edwin W., assignor.)
American Brake Shoe and Foundry Company, The. (See Herron, Frank T., assignor.)
American Cabinet Hardware Corp. (See Borchers, Earl, assignor.)
American Can Company. (See Worthington, Everett, assignor.)
American Car and Foundry Company. (See Dayes, Frederick E., assignor.)
American Car and Foundry Motors Company. (See Mathauer, Edmund G., assignor.)
American Car and Foundry Motors Company. (See Ramstrum, Eric, assignor.)

American Chain & Cable Company. (See Walklet, Mercer D., assignor.)
American Coach & Body Company, The. (See Eckman, Meril L., assignor.)
American Fabrics Company, The. (See Philips, Hans A., assignor.)
American Fixture & Showcase Manufacturing Company. (See Mendle, Milton D., assignor.)
American Floor Surfacing Machine Company, The. (See Wolfe, R. E., and Kneisley, assignors.)
American Fork & Hoe Company, The. (See Rector, Walter W., assignor.)
American Gas Machine Company. (See Teague, Walter D., assignor.)
American Hard Rubber Company. (See Carson, Oswald B., assignor.)
American Hard Rubber Company. (See Reppert, Roland, assignor.)
American Lace Mfg. Co., The. (See Hucknall, Hage W., assignor.)
American Lady Corset Co. Inc. (See Siegel, Eugene, assignor.)
American-La France-Foamite Corporation. (See Grybos, John J., assignor.)
American-La France-Foamite Corporation. (See Smith, Cecil H., assignor.)
American Lead Pencil Company. (See Reckford, J. S., and Kubler, assignors.)
American Machine & Foundry Company. (See Jensen, T., and Rosengren, assignors.)
American-National Company, The. (See Lewinski, George, assignor.)
American-National Company, The. (See Smith, Walter V., assignor.)
American-National Company, The. (See Snell, Samuel A., assignor.)
American-National Company, The. (See van Doren, Harold L., assignor.)
American Optical Company. (See Cook, Roland T., assignor.)
American Optical Company. (See Cozzens, Charles O., assignor.)
American Optical Company. (See Lehmberg, William H., assignor.)
American Optical Company. (See Oker, Arne J., assignor.)
American Optical Company. (See Peck, William F., assignor.)
American Optical Company. (See Snavely, Thomas J., assignor.)
American Optical Company. (See Splaine, Edward M., assignor.)
American Radiator Company. (See Wales, George F., assignor.)
American Radiator & Standard Sanitary Corporation. (See Cornell, Edward S., Jr., assignor.)
American Safety Razor Corporation. (See Wilmet, Georges, assignor.)
American Seating Company. (See Bond, Willard H., Jr., assignor.)
American Stove Company. (See Brodbeck, Almer H., assignor.)
American Stove Company. (See Pierce, Ambrose R., assignor.)
American Tissue Mills. (See Sinclair, Homer M., assignor.)
American Transformer Company. (See Garlick, Walter J., Jr., assignor.)
American Type Founders, Inc. (See Chappell, Warren, assignor.)
Amerise, Anthony D., Coral Gables, Fla. Dancing toy. 114,802; May 16.
Amick, Charles, Topeka, Kans. Compact case. 117,706; Nov. 21.
Amick, Clair J. (See Hayden, S., and Amick.)
Amis, Charles S., Washington, D. C. Combination bathroom dresser cabinet or similar article. 117,778; Nov. 28.
Amity Leather Products Co. (See Wege, John P., assignor.)
Anchor-Hocking Glass Corporation. (See Barbiers, Ferdinand S., assignor.)
Andersen, George I., assignor to Andersen-Smith Milling Co., San Francisco, Calif. Edible biscuit. 115,380; June 27.
Andersen, Henry A., Swampscott, Mass., assignor to General Electric Company. Electrical recording instrument or similar article. 115,973; Aug. 1.
Andersen, Leif, and E. A. Fredrickson, Chicago, and T. P. Newman, Geneva, Ill., H. R. Van Sciver, Trenton, N. J., and R. H. Zinkil, Oak Park, Ill. Folding type closet bowl and mounting therefor. 114,166; Apr. 11.
Andersen, Leif, and E. A. Fredrickson, Chicago, Ill., H. R. Van Sciver, Trenton, N. J., and R. H. Zinkil, Oak Park, Ill. Swivel type closet bowl and mounting therefor. 114,167; Apr. 11.
Andersen-Smith Milling Co. (See Andersen, George I., assignor.)
Anderson, Carl J., Lakewood, assignor to The Baker-Raulang Company, Cleveland, Ohio. Vehicle. 114,803; May 16.
Anderson, Einar A., Hammond, Ind. Velocipede frame member. 113,861; Mar. 21.
Anderson, George W., Akron, Ohio. Tire. 114,432; Apr. 25.
Anderson, George W., Akron, Ohio. Tire. 114,741; May 16.
Anderson, George W., assignor to The General Tire & Rubber Company, Akron, Ohio. Tire. 113,155; Jan. 31.
Anderson, George W., assignor to The General Tire & Rubber Company, Akron, Ohio. Tire. 113,157; Jan. 31.
Anderson, George W., assignor to The General Tire & Rubber Company, Akron, Ohio. Tire. 117,161; Oct. 17.
Anderson, Norwood, New York, N. Y. Pipe camera casing. 115,727; July 18.
Anderson, Oscar M., and N. T. Almquist, assignors to Landers, Frary & Clark, New Britain, Conn. Vacuum cleaner. 118,007; Dec. 12.
Anderson, Oscar M., and N. T. Almquist, assignors to Landers, Frary & Clark, New Britain, Conn. Toaster or the like. 118,065; Dec. 12.
Anderson, Peter A., Portland, Maine. Combined hood and supporting unit for gas installation housings. 113,030; Jan. 24.
Andors, Lise, New York, N. Y. Dress. 112,973; Jan. 17.
Andors, Lise, New York, N. Y. Dress. 113,156; Jan. 31.
Andors, Lise A., New York, N. Y. Dress. 113,252; Feb. 7.
Andre-Ani, Clement, St. Louis, Mo. Dress ensemble. 114,581; May 2.
Andres, Lloyd J., Chicago, Ill., assignor to Automatic Instrument Company, Grand Rapids, Mich. Phonograph cabinet. 114,913; May 23.
Andres, Lloyd J., Chicago, Ill., assignor to Automatic Instrument Company, Grand Rapids, Mich. Phonograph cabinet. 114,914; May 23.
Andres, Lloyd J., Chicago, Ill., assignor to Automatic Instrument Company, Grand Rapids, Mich. Electric remote controller casing. 115,305; June 20.
Andres, Lloyd J., Chicago, Ill., assignor to Automatic Instrument Company, Grand Rapids, Mich. Electric remote controller casing. 115,306; June 20.
Andrews, Archie M., deceased, Greenwich, Conn., E. U. Andrews, executrix. Shaving device. 116,332; Aug. 22.
Andrews, Archie M., Greenwich, Conn., assignor to Platinum Products Corp., New York, N. Y. Combined cigarette case and lighter. 113,448; Feb. 21.
Andrews, Eleanor U., executrix. (See Andrews, Archie M.)
Angelica Jacket Company. (See Levy, Viola A., assignor.)
Angeletti, Joseph M., New York, N. Y. Lamp shade. 116,212; Aug. 22.
Angeletti, Joseph M., New York, N. Y. Lamp. 116,356; Aug. 29.
Angeletti, Joseph M., New York, N. Y. Lamp shade. 116,357; Aug. 29.
Angeletti, Joseph M., New York, N. Y. Lamp shade. 116,358; Aug. 29.
Ankovitz, Louis B, Brooklyn, N. Y. Combination holder for ashtray and match packet. 112,766; Jan. 3.
Ankovitz, Louis B., Brooklyn, N. Y. Combination holder for ashtray and match packet. 112,919; Jan. 17.
Ansel, Frank E., Brooklyn, N. Y. Combined bottle and stopper therefor. 113,862; Mar. 21.
Ansley, Arthur C., New York, N. Y. Cabinet for a piano or similar article. 112,981; Jan. 24.
Anthony, Alfred A., New York, N. Y. Combined tooth powder dispenser and tooth brush holder. 116,254; Aug. 22.
Apicella, Andrew, New York, N. Y. Doll. 117,136; Oct. 17.
Appel, Isidor, New York, N. Y. House coat. 113,798; Mar. 14.
Arch, Samuel G., Outremont, Quebec, Canada. Shoe rack. 116,393; Aug. 29.
Archer, George E., South Whitley, Ind. Direction signal lamp. 116,545; Sept. 12.
Arden, Thomas R., Freeport, N. Y. Motor for toy airplanes. 115,974; Aug. 1.
Arens, Egmont, New York, N. Y., assignor to Atlas Supply Company, Newark, N. J. Battery tester. 115,245; June 13.
Arens, Egmont, assignor to The Nestle-Lemur Company, New York, N. Y. Hair drier or similar article. 117,942; Dec. 5.
Arens, Egmont H. (See Meeker, D. A., and Arens.)
Arkley, William H., St. Johnsbury, Vt. Construction toy. 115,016; May 30.
Armour and Company. (See Garson, Otto A., assignor.)
Arms, Leland J., San Francisco, Calif. Soap cake. 116,546; Sept. 12.
Arms, Leland J., San Francisco, Calif. Soap cake. 116,547; Sept. 12.
Armstrong Cork Company. (See Barnes, Spencer L., assignor.)
Armstrong Cork Company. (See Roberts, Earla M., assignor.)
Armstrong Cork Company. (See Smith, Mary M., assignor.)
Armstrong Cork Company. (See Steelman, James S., assignor.)
Armstrong, George A., Cranston, R. I., assignor to William C. Greene Company. Alphabet for forming monograms or similar article. 113,253; Feb. 7.

Armstrong Rubber Company, The. (See Snyder, Francis J., assignor.)
Arnoff, Philip J. (See Sharlitt, H. V., and Arnoff.)
Arnold, Elwyn A., San Francisco, Calif. Carbonator. 115,827; July 25.
Arnold, Philip B., Cleveland Heights, Ohio. Bottle holder or similar article. 117,326; Oct. 24.
Arnold, Philip B., Cleveland Heights, Ohio. Bottle holder or similar article. 117,327; Oct. 24.
Aro Equipment Corporation, The. (See Van Doren, H., and Johnson, assignors.)
Aronoff, Shirley, New York, N. Y. Dress. 114,388; Apr. 18.
Aronoff, Shirley, New York, N. Y. Dress. 117,465; Nov. 7.
Arpin, Leonard G., New York, N. Y. and A. J. Bedwell, Fort Lauderdale, Fla. Combined comb and curler. 115,186; June 6.
Arras, George, Chicago, Ill. Reflector. 115,097; June 6.
Arrow Manufacturing Company Incorporated. (See Guttman, John, assignor.)
Art-Craft Optical Company. (See Dechau, Otto W., assignor.)
Art Metal Construction Company. (See Jones, James R., assignor.)
Art Metal Works, Inc. (See Meyer, Frederick, assignor.)
Art Tool & Die Company. (See Bogle, John C., assignor.)
Asbury-Prentiss, Inc., et al. (See Asch, Leonard C., assignor.)
Asch, Howard E., New York, N. Y. Portable flashlight. 115,777; July 18.
Asch, Leonard C., New York, N. Y., assignor of one-half to Polly Prentiss, Inc., and one-half to Asbury-Prentiss, Inc., Sumter, S. C. Beach coat or similar article. 116,425; Aug. 29.
Ashmore, Leon H., Collingswood, assignor to The Esterbrook Steel Pen Manufacturing Co., Camden, N. J. Combination desk unit or similar article. 113,617; Mar. 7.
Ashmore, Leon H., Collingswood, assignor to The Easterbrooke Steel Pen Manufacturing Co., Camden, N. J. Pen and pencil clip. 116,005; Aug. 8.
Associated Attleboro Manufacturers, Inc. (See Beaupre, Eli J., assignor.)
Associated Electric Laboratories, Inc. (See Obergfell, Herbert F., assignor.)
Associated Electric Laboratories, Inc. (See Woodruff, A. E., and Horlacher, assignors.)
Atlantic Products Corporation. (See Cart, Theodore S., assignor.)
Atlas Supply Company. (See Arens, Egmont, assignor.)
Attinger, Charles F., et al. (See Booharin, Leo Y., assignor.)
Atwood, Virgil, Oklahoma City, Okla. Combined signal lamp and bracket. 118,200; Dec. 19.
Auerbach, Hyman, Brookline, assignor to Continental Shoe Corporation, Boston, Mass. Shoe or similar article. 115,381; June 27.
Aufiero, John M., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Heater casing. 113,863; Mar. 21.
Augenstein, Eugen, Pforzheim, Germany, assignor to Universal Chain Co., Inc., Maplewood, N. J. Chain. 115,843; July 25.
Aull, Harry, assignor to Friedberger-Aaron Manufacturing Company, Philadelphia, Pa. Fabric for shoe uppers. 114,146; Apr. 4.
Aull, Harry, assignor to Friedberger-Aaron Manufacturing Company, Philadelphia, Pa. Elastic fabric or similar article. 114,305; Apr. 11.
Auto Radiator Manufacturing Co. (See Dibelka, Henry G., assignor.)
Auto Radiator Manufacturing Co. (See Mau, Louis A., assignor.)
Automatic Electric Company. (See Giannini, Gabriel M., assignor.)
Automatic Instrument Company. (See Andres, Lloyd J., assignor.)
Automotive Lighting Equipment, Inc. (See Burgess, George F., assignor.)
Autopoint Company. (See Deli, F. C., and Petau, assignors.)
Autopoint Company. (See Deli, F. C., Petau, and Tammen, assignors.)
Autopoint Company. (See Tammen, Glenn W., assignor.)
Auto-Rapid Products Corporation. (See Falcon, Jeronimo, assignor.)
Autoyre Company, The. (See Sanford, Roy S., assignor.)
Auzin, John M., Warwick, R. I., assignor to Davol Rubber Company. Catheter. 113,317; Feb. 14.
Avon Sole Company. (See MacLeod, Bertram H., assignor.)
Axel, Benjamin, Brooklyn, N. Y. Finger ring. 115,283; June 20.
Axel, Benjamin, Brooklyn, assignor to Axel Brothers, Inc., New York, N. Y. Watch bracelet, or similar article. 116,155; Aug. 15.
Axel, Benjamin, Brooklyn, assignor to Axel Brothers, Inc., New York, N. Y. Watch bracelet, or similar article. 116,156; Aug. 15.
Axel Brothers, Inc. (See Axel, Benjamin, assignor.)
Axman, Henry B., Brookline, Mass. Sandal. 114,777; May 16.
Ayers, Walter C., assignor to Electromaster, Inc., Detroit, Mich. Electric range or similar article. 113,415; Feb. 21.
Ayling, Frederick, Syracuse, N. Y. Shoe. 112,767; Jan. 3.
or similar article. 112,981; Jan. 24.
Ayres, Waldemar, New York, N. Y. Finger ring. 113,959; Mar. 28.
Ayres, Waldemar, New York, N. Y. Combined drill press and frame. 117,777; Nov. 28.
Babb, Maynard A., North Bergen, N. J., assignor to Duro-Test Corporation. Fluorescent tube unit. 113,357; Feb. 14.
Babbitt, Edwin V., Marion, Mass. Cake of soap. 115,017; May 30.
Babcock, Denison, New York, N. Y. Puzzle. 113,650; Mar. 7.
Babo, Albert G., South Pasadena, assignor to The Birtcher Corporation, Los Angeles, Calif. Electrical instrument casing. 114,628; May 9.
Babs Creations, Inc. (See Hershfield, Walter, assignor.)
Babus, Samuel, Brooklyn, N. Y. Coat. 113,177; Jan. 31.
Backer, Wesley H. (See Brock, A., and Backer.)
Backus, Marcia, New York, N. Y. Dress ensemble. 115,282; June 13.
Badanes, Samuel E. (See Starr, L. B., and Badanes.)
Baer, Edward S., Elsinor, and G. W. Krick, Ontario, Calif. Laundry cabinet. 113,031; Jan. 24.
Baer, Joseph L., Cincinnati, Ohio. Flower holder. 112,768; Jan. 3.
Baer, Julius, Beverley Hills, Calif. Slipper. 116,732; Sept. 19.
Baer, Lawrence E., Attleboro, Mass., assignor to Swank Products, Inc. Brace connector. 116,276; Aug. 22.
Bagedonow, Max, New York, N. Y. Coat. 118,256; Dec. 26.
Bagedonow, Max, New York, N. Y. Coat. 118,257; Dec. 26.
Bagedonow, Max, New York, N. Y. Coat. 118,332; Dec. 26.
Bagg, Linus W., Montclair, N. J. Shoe or similar article. 115,191; June 13.
Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Electric motor. 115,018; May 30.
Bahr, Gustave F., Fairfield, assignor to Casco Products Corporation, Bridgeport, Conn. Grille guard. 117,779; Nov. 28.
Bahr, Gustave F., assignor to Casco Products Corporation, Bridgeport, Conn. Electric creasing iron. 115,382; June 27.
Bahr, Gustave F., assignor to Casco Products Corporation, Bridgeport, Conn. Knob. 115,537; July 4.
Bahr, Gustave F., assignor to Casco Products Corporation, Bridgeport, Conn. Grille guard. 116,255; Aug. 22.
Bahr, Gustave F., assignor to Casco Products Corporation, Bridgeport, Conn. Grille guard. 116,256; Aug. 22.
Bahr, Gustave F., assignor to Casco Products Corporation, Bridgeport, Conn. Grille guard. 117,943; Dec. 5.
Bailey, Arnold B., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Antenna counterpoise. 113,693; Mar. 7.
Bailey, Charles W., Denver, Colo. Illuminated electric shaver. 116,787; Sept. 26.
Bailey, Perkins H., New York, N. Y., assignor to Talcon, Inc., Meadville, Pa. Jacket. 115,983; Aug. 1.
Bailey-Walker China Company, The. (See Walker, Albert M., assignor.)
Baillod, Marce C. L., Paris, France. Lady's handbag or similar article. 116,006; Aug. 8.
Bair, Scott S., Westminster, Md. Sign. 114,742; May 16.
Bakallie, Peter J., New York, N. Y. Combination drawing instrument. 116,007; Aug. 8.
Bakallie, Peter J., New York, N. Y. Combination drawing instrument. 116,008; Aug. 8.
Baker & Company. (See Kiepe, Henry R., assignor.)
Baker, Eugene L., Taunton, Mass. Cooking range. 115,019; May 30.
Baker, John, assignor to The J. M. Doddridge & Sons Co., Milton, Ind. Burial casket. 116,131; Aug. 15.
Baker, Kenneth E., assignor to Gerber Products Company, Fremont, Mich. Serving dish. 112,920; Jan. 17.
Baker, Marlin S. (See Parker, K. S., and Baker.)
Baker Perkins Company. (See Van Doran, Harold, assignor.)
Baker, Perkins, Inc. (See Van Doren, H., and Little, assignors.)
Baker-Raulang Company, The. (See Anderson, Carl J., assignor.)
Baker-Raulang Company, The. (See Hawkins, Paul E., assignor.)
Baker, Robert E., Muncie, Ind. Refrigerator cabinet. 113,370; Feb. 21.
Baker, Roy C., Irvington, N. J. Drink stirrer. 113,032; Jan. 24.
Baker, Sylvester A., San Francisco, Calif. Lighting fixture. 114,433; Apr. 25.
Baldwin Company, The. (See Day, Wilbur M., assignor.)
Baldwin Rubber Company. (See Cotterman, Don R., assignor.)

Balin, Samuel, assignor to Orenstein Trunk Corporation, Newark, N. J. Suitcase or similar article. 116,510; Sept. 5.
Ball Brothers Company. (See Petty, Fred J., assignor.)
Bally Ribbon Mills, Inc., The. (See Kinney, Thomas H., assignor.)
Balme, Joseph, Paris, France. Bracelet. 113,103; Jan. 31.
Balough, Eugene, and M. J. Yamen, Poughkeepsie, N. Y. Sanding tool unit. 112,871; Jan. 10.
Balthaser, Floyd J., Alhambra, Calif. Game board. 112,982; Jan. 24.
Balthazar, Arthur, assignor to The Fisk Rubber Corporation, Chicopee Falls, Mass. Tire. 113,651; Mar. 7.
Bambenek, Joseph B., and P. Worner, assignors to Peerless Chain Company, Winona, Minn. Combination display stand and reels therefor. 117,252; Oct. 24.
Bammon, Sylvia H., assignor to Girl Scouts (Incorporated), New York, N. Y. Scarf. 115,975; Aug. 1.
Bancroft, Edward E., West Warwick, R. I. Lace. 113,591; Feb. 28.
Bandy, Raymond L., et al. (See Julius, John D., assignor.)
Bandy, Zora E., et al. (See Julius, John D., assignor.)
Banick, Stevan, Astoria, Long Island, N. Y. Timepiece face. 115,901; Aug. 1.
Banks, Dorothy A. (See Banks, Reginald M. and D. A.)
Banks, Reginald M. and D. A., Woodmere, N. Y. Surf-mattress. 116,359; Aug. 29.
Barbe, Edgar H., Plainfield, N. J. Rolling ash tray. 115,383; June 27.
Barbee, Cecil R. (See Ford, G. F., Barbee, and Squires.)
Barber, Charles E., assignor to Chicago Musical Instrument Company, Chicago, Ill. Musical instrument for playing bugle calls or the like. 115,512; July 4.
Barber-Colman Company. (See O'Day, Cortland N., assignor.)
Barbiers, Ferdinand S., assignor to Anchor-Hocking Glass Corporation, Lancaster, Ohio. Glass cream pitcher or article of similar nature. 115,828; July 25.
Barbiers, Ferdinand S., assignor to Anchor-Hocking Glass Corporation, Lancaster, Ohio. Glass covered butter dish or article of similar nature. 116,157; Aug. 15.
Barbiers, Ferdinand S., assignor to Anchor-Hocking Glass Corporation, Lancaster, Ohio. Glass muffin tray or article of similar nature. 116,788; Sept. 26.
Barbiers, Ferdinand S., assignor to Anchor-Hocking Glass Corporation, Lancaster, Ohio. Glass sandwich plate or article of similar nature. 116,789; Sept. 26.
Barbiers, Ferdinand S., assignor to Anchor-Hocking Glass Corporation, Lancaster, Ohio. Glass fruit bowl or article of similar nature. 116,790; Sept. 26.
Barbiers, Ferdinand S., assignor to Anchor-Hocking Glass Corporation, Lancaster, Ohio. Glass cake plate or article of similar nature. 116,791; Sept. 26.
Bardaville, Nicholas J., Lansing, Mich. Comb holder rack. 115,728; July 18.
Bardco Corporation of America. (See Jervis, Fred, assignor.)
Barefoot, Josie C., Charlotte, N. C. Display table. 117,780; Nov. 28.
Baritz, Sidney, Great Neck, N. Y. Button. 115,604; July 11.
Baritz, Sidney, Great Neck, N. Y. Button trimming for wearing apparel. 115,605; July 11.
Barnes, Glenn A., assignor to Universal Dental Company, Philadelphia, Pa. Tooth shade guide unit. 115,948; Aug. 1.
Barnes, James F. (See Reinecke, J. O., and Barnes.)
Barnes, James F., and J. O. Reinecke, Chicago, Ill., assignors to Scovill Manufacturing Company, Waterbury, Conn. Fruit juice extractor. 115,487; July 4.
Barnes, James F., and J. O. Reinecke, Chicago, Ill., assignors to Scovill Manufacturing Company, Waterbury, Conn. Motor. 118,224; Dec. 26.
Barnes, James F., and J. O. Reinecke, Chicago, Ill., assignors to Scovill Manufacturing Company, Waterbury, Conn. Drink mixer. 118,225; Dec. 26.
Barnes, Spencer L., Lancaster Township, Lancaster County, assignor to Armstrong Cork Company, Lancaster, Pa. Container cap. 114,053; Apr. 4.
Barnett, Franklin, Los Angeles, Calif. Motion picture projector cabinet or the like. 113,318; Feb. 14.
Barnett, Jack, Brooklyn, N. Y. Slipper or similar article. 113,618; Mar. 7.
Barnett, Jack, Brooklyn, N. Y. Slipper or similar article. 115,141; June 6.
Barney, Arthur L., assignor to Tiffany & Company, New York, N. Y. Spoon or analogous article. 115,729; July 18.
Barnsteiner, Alfons, and D. L. Hadley, Mansfield, Ohio, assignors to Westinghouse Electric & Manufacturing Company. Range or similar article. 112,974; Jan. 17.
Baron, Abner, assignor to Royal Paper Corporation, New York, N. Y. Decorative paper or similar article. 116,872; Sept. 26.
Barr, Harry, Fairlawn, N. J., assignor to Duchess Fabrics, Inc., New York, N. Y. Elastic textile fabric. 113,901; Mar. 21.
Barrett, Edward L., La Grange, assignor to Utah Radio Products Company, Chicago, Ill. Combined radio tuning motor and mounting panel. 113,727; Mar. 14.
Barrett, Joseph E., Cape Girardeau, assignor to Superior Electric Products Corp., St. Louis, Mo. Electric iron or similar article. 113,033; Jan. 24.
Barrett, Joseph E., assignor to Superior Electric Products Corp., Cape Girardeau, Mo. Waffle iron or similar article. 114,115; Apr. 4.
Barrett, Robert H., Rochester, N. Y. Bottle. 113,416; Feb. 21.
Barrett, Sarah E., Dayton, Ohio. Doll. 113,213; Feb. 7.
Barry, William H., Bridgeport, and W. O. Stauffer, Fairfield, Conn., assignors to Remington Arms Company, Inc. Slicing knife. 118,274; Dec. 26.
Barter, Reginald A., Chicago, Ill. Platter or similar article. 117,549; Nov. 14.
Barth, Bruno H., West Englewood, N. J., assignor to W. K. Kallman, doing business as Blanck & Co., New York, N. Y. Textile fabric or similar article. 114,389; Apr. 18.
Barthman, William C., New York, N. Y. Combined watch case and locket. 115,060; May 30.
Bartholomew, Augusta K., New York, N. Y., assignor to H. A. Lawson, Signal Mountain, Tenn. Bedspread. 113,545; Feb. 28.
Bartholomew, Augusta K., New York, N. Y., assignor to H. A. Lawson, Signal Mountain, Tenn. Bedspread. 113,592; Feb. 28.
Bartlett, Ross, Cortland, N. Y. Fisherman's wading boot. 116,009; Aug. 8.
Bartmann & Bixer Inc. (See Bixer, Edmond P., assignor.)
Barton, Harry S. (See Stamm, A. H., and Barton.)
Barton, Joseph T., Chicago, Ill. Tree base. 115,902; Aug. 1.
Barty, Helen, Brooklyn, N. Y. Hat. 115,368; June 20.
Bates, Alice F., New York, N. Y. Glove. 114,434; Apr. 25.
Bates, Bonnie M., San Diego, Calif. Shoulder scarf. 113,206; Jan. 31.
Bates, John W., Altadena, Calif. Pinochle scoring rack. 113,214; Feb. 7.
Bates Manufacturing Company. (See Noy, Annie W., assignor.)
Bauberger, Charles W., and E. T. Liess, Malverne, N. Y. Gauge for automobile brake drums or similar articles. 113,527; Feb. 28.
Bauer, Edward H., Los Angeles, Calif. Cushion. 117,862; Nov. 28.
Bauer Type Foundry, Inc. (See Trafton, Howard A., assignor.)
Baum, Dwight J., New York, N. Y., assignor to Curtis Companies Incorporated, Clinton, Iowa. Corner cupboard. 113,129; Jan. 31.
Baum, W. A., Co. (See Baum, William A., assignor.)
Baum, Walter H., New York, N. Y. Textile fabric. 116,487; Sept. 5.
Baum, Walter H., New York, N. Y. Textile fabric. 116,488; Sept. 5.
Baum, William A., Forest Hills, assignor to W. A. Baum Co., Inc., New York, N. Y. Pedestal sphygmomanometer. 115,384; June 27.
Bauman, Moe, New York, N. Y. Coat. 114,010; Mar. 28.
Baumeister, Hans, Minneapolis, Minn. Chair. 116,470; Sept. 5.
Baumer, Norbert J., assignor to A. Gross Candle Co., Inc., Baltimore, Md. Display box. 117,682; Nov. 21.
Baumhoff, Herbert G., Washington, D. C. Advertising sign. 116,213; Aug. 22.
Bausch & Lomb Optical Company. (See Bouchard, Samuel E., assignor.)
Bausch & Lomb Optical Company. (See Kurtz, H. F., and Wolfe, assignors.)
Bausch & Lomb Optical Company. (See Miles, John R., assignor.)
Bausch & Lomb Optical Company. (See Trautmann, Otto E., assignor.)
Baxter, Ernest W., Van Wert, Ohio. Fender. 117,707; Nov. 21.
Bay, Howard, assignor to The Petroleum Industry Exhibition Inc., New York, N. Y. Doll or similar article. 115,020; May 30.
Bayor, Helen, New York, N. Y. Dress. 115,887; July 25.
Beals, Gillson W., assignor to The Miller Company, Meriden, Conn. Desk lamp. 117,827; Nov. 28.
Beaton, Edward, Seattle, Wash. Motor generator. 117,162; Oct. 17.
Beatty, David E. (See Uecker, R., Beatty, and Rambo.)
Beatty, Robert J., Columbus, Ohio. Glass tumbler or article of similar nature. 114,054; Apr. 4.
Beaupre, Eli J., North Attleboro, assignor to Associated Attleboro Manufacturers, Inc., Attleboro, Mass. Bracelet. 115,439; June 27.
Beaver Pipe Tools, Inc. (See Pealer, Robert B., assignor.)
Beaver Pipe Tools, Inc. (See Phillis, William A., assignor.)
Bechberger, Paul F., West Hempstead, N. Y., assignor to Bendix Aviation Corporation, South Bend, Ind. Aircraft landing wheel position indicator. 116,277; Aug. 22.
Beck, August, assignor to Waite Carpet Company, Oshkosh, Wis. Rug. 115,087; May 30.
Beck, August, assignor to Waite Carpet Company, Oshkosh, Wis. Rug. 115,088; May 30.
Beckendorf, Max, New York, N. Y. Textile fabric. 115,440; June 27.

Becker, Aloysius W., assignor to Dearborn Stove Company, Chicago, Ill. Space heater. 115,699; July 11.
Becker, Frank J., Independence, assignor of one-half to C. T. Bombeck, Sr., Kansas City, Mo. Combined pencil sharpener, letter opener, eraser, and bottle cap remover. 114,629; May 9.
Becker, Fred H., and L. F. Peabody, assignors to The Ohio Leather Company, Girard, Ohio. Leather or similar article of manufacture. 113,358; Feb. 14.
Becker, Fred H., and L. F. Peabody, assignors to The Ohio Leather Company, Girard, Ohio. Leather or similar article of manufacture. 114,258; Apr. 11.
Becker, Ray, Northbrook, Ill. Recreational game table. 116,677; Sept. 19.
Beckett, Reginald W., Elyria, Ohio. Oil burner. 115,640; July 11.
Beckett, Reginald W., Elyria, Ohio. Combined blower housing and pedestal for oil burners or the like. 115,680; July 11.
Beckett, Reginald W., Elyria, Ohio. Pedestal for oil burners or the like. 115,681; July 11.
Beckett, Reginald W., Elyria, Ohio. Air tube for oil burners or the like. 115,682; July 11.
Bedford, Almon J., et al. (See Jones, Lester C., assignor.)
Bedford, Edward B., Oneida, and P. l'Anglais, New York, assignors to Oneida Ltd., Oneida, N. Y. Dish or similar article. 116,733; Sept. 19.
Bedford, Edward B., Oneida, and P. l'Anglais, New York, assignors to Oneida Ltd., Oneida, N. Y. Dish or similar article. 116,734; Sept. 19.
Bedwell, Andrew J. (See Arpin, L. G., and Bedwell.)
Behr, Siegfried, Flushing, assignor to Ben Hur Products, Inc., New York, N. Y. Sunglasses. 118,275; Dec. 26.
Behrens, Christian. (See Eick, H. C. J., and Behrens.)
Behrens, Walter A., New York, assignor to Ideal Fastener Corporation, Brooklyn, N. Y. Slider body for slide fasteners. 118,034; Dec. 12.
Beidner, Benjamin, New York, N. Y. Tucked fabric. 116,103; Aug. 8.
Beilinson, Dorothy, New York, N. Y. Dress ensemble. 115,583; July 4.
Belding, Harold L., Northampton, assignor to Henrici Laundry Machinery Company, Boston, Mass. Laundry washer. 115,192; June 13.
Belding, Harold L., Northampton, assignor to Henrici Laundry Machinery Company, Boston, Mass. Laundry washer. 116,601; Sept. 12.
Bel Geddes, Norman, New York, N. Y., assignor to Majestic Radio and Television Corporation, Dover, Del. Radio cabinet. 117,116; Oct. 10.
Bel Geddes, Norman, New York, N. Y., assignor to Majestic Radio and Television Corporation, Dover, Del. Radio cabinet. 117,117; Oct. 10.
Bel Geddes, Norman, New York, N. Y., assignor to Majestic Radio and Television Corporation, Dover, Del. Radio cabinet. 117,966; Dec. 5.
Bell, Charles C. (See Prahl, F. A., Jr., and Bell.)
Bell Telephone Laboratories, Incorporated. (See Bailey, Arnold B., assignor.)
Bell Telephone Laboratories, Incorporated. (See Lum, George R., assignor.)
Bellau, Henri, Paris, France. Toilet case or similar article. 116,977; Oct. 3.
Belle City Malleable Iron Company. (See Eisenhut, Fred H., assignor.)
Belmont Radio Corporation. (See Dunn, W. L., and Marholz, assignors.)
Belmont Radio Corporation. (See Marholz, Richard C., assignor.)
Belmont Radio Corporation. (See Mattes, Harold C., assignor.)
Belmont Radio Corporation. (See Wronke, Louis J., assignor.)
Beltram, Quirino, Newark, N. J. Meat tenderer. 117,967; Dec. 5.
Bemis, Kenneth E., Oakland, Calif. Building structure. 115,683; July 11.
Ben Hur Products, Inc. (See Behr, Siegfried, assignor.)
Bendix Aviation Corporation. (See Bechberger, Paul F., assignor.)
Benjamin, Benjamin, Freeport, N. Y. Shoe. 112,769; Jan. 3.
Benjamin, Benjamin, Freeport, N. Y. Shoe. 112,770; Jan. 3.
Benjamin Electric Mfg. Company. (See Waltman, Chauncey E., assignor.)
Benners, Walter S., Elizabeth, assignor to New Jersey State Funeral Directors Association, Inc., Newark, N. J. Plaque or similar article. 118,226; Dec. 26.
Bennett, Gordon O., and C. A. Deisenroth, Oakland, Calif. Bread wrapper. 114,732; May 9.
Bennett, J., Inc. (See D'Amaro, John, assignor.)
Bennett, Paul E., and G. R. Graff, Toledo, Ohio. Ashtray. 113,417; Feb. 21.
Bensi, Jean, New York, N. Y. Dress. 113,799; Mar. 14.
Benson, Frank. (See Petterson, Swan H., assignor.)
Benvenuti, Apelle, Wood-Ridge, N. J. Game board. 117,389; Oct. 31.
Berdner, John T., and G. C. Fennell, San Francsco, and R. O. Wlson, Los Altos, Calif. Golf practice game device. 116,908; Oct. 3.
Berens, Julius G., Brooklyn, N. Y. Advertising sign. 117,683; Nov. 21.
Bergaud, Félicie E. A. W., Paris, France. Bottle or similar article. 116,214; Aug. 22.
Berger, Arthur M., New York, N. Y. Dress uniform. 117,313; Oct. 24.
Berger, Rosemary, New Rochelle, N. Y. Printed textile fabric or similar article. 114,515; Apr. 25.
Berger, Samuel I., Newark, N. J. Toy. 115,903; Aug. 1.
Berger, Samuel I., Newark, N. J. Toy gun or similar article. 116,318; Aug. 22.
Bergeron, Victor J., Oakland, Calif. Mug. 117,550; Nov. 14.
Bergholm, John, Chicago, Ill. Grill. 115,142; June 6.
Berguad, Félicie E. A. W., Paris, France. Bottle or similar article. 116,440; Sept. 5.
Bergaud, Félicie E. A. W., Paris, France. Bottle or similar articles. 116,756; Sept. 19.
Berkman, Morton, Forest Hills, N. Y. Button or similar article. 114,377; Apr. 18.
Berkowitz, Samuel S., New York, N. Y. Dress. 118,203; Dec. 19.
Berkowitz, Samuel S., New York, N. Y. Dress ensemble. 118,204; Dec. 19.
Berkshire Knitting Mills. (See Hemmerich, Hugo, assignor.)
Berkson, George, Chicago, Ill. Automobile gear shift knob or similar article. 114,630; May 9.
Berliner, Eleanor S., Westchester County, assignor to Injection Moulding Corp., New York, N. Y. Folding curler comb. 114,168; Apr. 11.
Berlinger, Frederick F., New York, N. Y. Textile fabric. 113,619; Mar. 7.
Berman, Abraham T., New York, N. Y. Dress. 114,915; May 23.
Berman, Harry, New York, N. Y. Evening gown. 116,278; Aug. 22.
Berman, Harry, New York, N. Y. Evening gown. 116,279; Aug. 22.
Berman, Harry, New York, N. Y. Evening gown. 116,280; Aug. 22.
Berman, Harry, New York, N. Y. Evening gown. 116,876; Sept. 26.
Berman, Harry, New York, N. Y. Evening gown. 117,968; Dec. 5.
Berman, Israel, New York, N. Y. Slipper. 115,878; July 25.
Berman, Israel, New York, N. Y. Slipper. 116,215; Aug. 22.
Berman, Israel, New York, N. Y. Slipper. 116,909; Oct. 3.
Berman, Israel, New York, N. Y. Slipper. 116,910; Oct. 3.
Berman, Israel, New York, N. Y. Slipper. 116,911; Oct. 3.
Berman, Israel, New York, N. Y. Slipper. 117,137; Oct. 17.
Berman, Israel, New York, N. Y. Slipper. 118,008; Dec. 12.
Berman, Louis J., New York, N. Y. Handbag. 113,830; Mar. 21.
Berman, Louis J., Brooklyn, N. Y. Over-the-shoulder handbag. 114,608; May 2.
Berna, Albert J., Royal Oak, Mich. Chair. 114,435; Apr. 25.
Bernear, Bernard. (See Trahan, Deas, assignor.)
Bernhardt, Rudolph, Chicago, Ill. Dispenser closure top or similar article. 116,511; Sept. 5.
Bernstein, Ben de F., New York, N. Y. Watch case. 114,631; May 9.
Bernstein, Bernard, Textile Co. (See Hilf, Ruth, assignor.)
Bernstein, Maurice J., Brighton, assignor to Panther-Panco Rubber Co. Inc., Chelsea, Mass. Shoe sole. 115,606; July 11.
Bernstein, Maurice J., Brighton, assignor to Panther-Panco Rubber Co. Inc., Chelsea, Mass. Shoe heel. 115,607; July 11.
Bernstein, Milton, Brooklyn, assignor, by mesne assignments, to National Silver Company, New York, N. Y. Spoon or similar article. 118,108; Dec. 19.
Berry, Helen, New York, N. Y. Dress. 113,800; Mar. 14.
Berry, Helen, New York, N. Y. Dress. 116,111; Aug. 8.
Berry, Helen, New York, N. Y. Dress. 116,653; Sept. 12.
Bersted Manufacturing Company. (See Hook, Arley U., assignor.)
Besaw, Willie O., Fresno, Calif. Pouring and closing lid for liquid receptacles. 116,602; Sept. 12.
Beshore, Paul S., Kearney, Nebr. Juvenile vehicle. 114,526; May 2.
Besoyan, Serg, et al. (See Compton, Beaulard J., assignor.)
Beyer, Charles E., Rosamond, Calif. Heater. 115,641; July 11.
Beyer, Fred H., Lockport, N. Y. Magnetic bracelet for holding pins and similar articles. 113,104; Jan. 31.
Bezault, Georges A. J., Juvisy-sur-Orge, assignor to Cartier, Societe Anonyme, Paris, France. Clip. 114,055; Apr. 4.
Bibula, Jacob L., New York, N. Y. Belt. 112,891; Jan. 10.
Bibula, Jacob L., New York, N. Y. Belt. 112,892; Jan. 10.
Bibula, Jacob L., New York, N. Y. Belt. 112,893; Jan. 10.
Bibula, Jacob L., New York, N. Y. Belt buckle. 116,333; Aug. 29.

Bibula, Jacob L., New York, N. Y. Belt buckle. 116,334; Aug. 29.
Bibula, Jacob L., New York, N. Y. Belt buckle. 116,335; Aug. 29.
Bibula, Jacob L., New York, N. Y. Belt buckle. 116,336; Aug. 29.
Bickford, Ernest A., assignor to Wiley-Bickford-Sweet Corp., Worcester, Mass. Slipper. 115,327; June 20.
Bickner, Clarence, Bartlesville, Okla. Alphabet button or similar article. 117,443; Nov. 7.
Bicks, Jean L., Brooklyn, N. Y., assignor to Carr-Lowrey Glass Company, Baltimore, Md. Bottle. 115,778; July 18.
Bienemann, Raymond D., assignor to Security Manufacturing and Contracting Company, Burlington, Wis. Faucet for drawing liquid from sealed containers. 117,892; Dec. 5.
Biever, William H., Philadelphia, Pa. Lamp shade. 112,872; Jan. 10.
Bigelow-Sanford Carpet Co. (See Allen, Walter, assignor.)
Bigelow-Sanford Carpet Co. (See Landry, Henry J., assignor.)
Bigelow Sanford Carpet Co. Inc. (See Lehner, Charles, assignor.)
Bigelow-Sanford Carpet Co. (See Lehner, Charles D., assignor.)
Bill, George W., assignor to The Crosley Corporation, Cincinnati, Ohio. Automobile radio set or the like. 117,490; Nov. 7.
Bill, George W., assignor to The Crosley Corporation, Cincinnati, Ohio. Automotive radio set. 118,151; Dec. 19.
Billings, Robert T., Arlington, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 115,246; June 13.
Bilofsky, Maxwell M., North Bergen, N. J., assignor to Duro-Test Corporation. Fluorescent tube unit. 113,546; Feb. 28.
Bilofsky, Maxwell M., North Bergen, N. J., assignor to Duro-Test Corporation. Fluorescent tube unit. 113,652; Mar. 7.
Binks Manufacturing Company. (See Lotz, A. J., and Tammen, assignors.)
Binks Manufacturing Company. (See Tammen, Glenn W., assignor.)
Binks, Melvin J., River Forest, Ill. Game board. 117,345; Oct. 31.
Binon, Georges, Paris, France, assignor to The Food Dispenser Company. Combined liquid dispenser and support therefor. 115,328; June 20.
Binon, Georges, New York, N. Y., assignor to The Food Dispenser Company. Food dispenser. 115,608; July 11.
Birdseye, Clarence, and H. D. Wilson, Gloucester, and W. N. Heath, Rockport, Mass., assignors to Birdseye Electric Corporation, Dover, Del. Lamp socket. 114,169; Apr. 11.
Birdseye Electric Corporation. (See Birdseye, C., Wilson, and Heath, assignors.)
Birkmeyer, Paul J., Verona, N. J. Table. 113,215; Feb. 7.
Birmingham, Lillie A., San Francisco, Calif. Spoon. 115,609; July 11.
Biro, Laszlo B., Jamaica, N. Y. Alphabet. 118,098; Dec. 12.
Birren, Faber, assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Bowling alley pin setter. 113,960; Mar. 28.
Birtcher Corporation, The. (See Babo, Albert G., assignor.)
Bissell, James, Baltimore, Md. Key holder. 116,812; Sept. 26.
Bittel, Edward A., assignor to George B. Hart, Inc., Rochester, N. Y. Flower basket. 114,743; May 16.
Bittel, Edward A., assignor to George B. Hart, Inc., Rochester, N. Y. Flower basket. 114,744; May 16.
Bittel, Edward A., assignor to George B. Hart, Inc., Rochester, N. Y. Flower basket. 114,778; May 16.
Bittel, Edward A., assignor to George B. Hart, Inc., Rochester, N. Y. Flower basket. 114,779; May 16.
Bittel, Edward A., assignor to George B. Hart, Inc., Rochester, N. Y. Flower basket. 114,780; May 16.
Bittel, Edward A., assignor to George B. Hart, Inc., Rochester, N. Y. Flower basket. 114,781; May 16.
Bittel, Edward A., assignor to George B. Hart, Inc., Rochester, N. Y. Flower basket. 114,782; May 16.
Bittel, Edward A., assignor to George B. Hart, Inc., Rochester, N. Y. Flower basket. 114,783; May 16.
Biva, Lucien, Long Island City, assignor to W. E. Roschen, A. A. Levy, and J. Hastedt, co-executors of the estate of O. Timme, deceased, doing business as E. F. Timme & Son, New York, N. Y. Rug. 112,821; Jan. 3.
Biva, Lucien, Long Island City, assignor to W. E. Roschen, A. A. Levy, and J. Hastedt, co-executors of the estate of O. Timme, deceased, doing business as E. F. Timme & Son, New York, N. Y. Rug. 112,822; Jan. 3.
Biva, Lucien, Long Island City, assignor to W. E. Roschen, A. A. Levy, and J. Hastedt, as co-executors of the estate of O. Timme, deceased, doing business as E. F. Timme & Son, New York, N. Y. Rug. 113,255; Feb. 7.
Biva, Lucien, Long Island City, assignor to W. E. Roschen, A. A. Levy and J. Hastedt, as coexecutors of the estate of O. Timme, deceased, doing business as E. F. Timme & Son, New York, N. Y. Rug. 114,334; Apr. 18.
Biva, Lucien, Long Island City, N. Y., assignor to W. E. Roschen, Spring Lake, N. J., A. A. Levy, New York, N. Y., and J. Hastedt, Jersey City, N. J., co-executors of the estate of Otto Timme, doing business as E. F. Timme & Sons, New York, N. Y. Rug. 118,152; Dec. 19.
Biva, Lucien, Long Island City, N. Y., assignor to W. E. Roschen, Spring Lake, N. J., A. A. Levy, New York, N. Y., and J. Hastedt, Jersey City, N. J., co-executors of the estate of Otto Timme, doing business as E. F. Timme & Son, New York, N. Y. Rug. 118,153; Dec. 19.
Bixer, Edmond P., New York, N. Y. Textile fabric or similar article. 113,254; Feb. 7.
Bixer, Edmond P., New York, N. Y. Textile fabric or similar article. 113,256; Feb. 7.
Bixer, Edmond P., New York, N. Y. Textile fabric or similar article. 114,916; May 23.
Bixer, Edmond P., assignor to Bartmann & Bixer Inc., New York, N. Y. Textile fabric or similar article. 115,075; May 30.
Bixer, Edmond P., New York, N. Y. Textile fabric or similar article. 115,465; June 27.
Bixer, Edmond P., New York, N. Y. Textile fabric or similar article. 115,976; Aug. 1.
Bizet, Grace, New York, N. Y. Textile fabric or similar article. 113,178; Jan. 31.
Black & Decker Manufacturing Company, The. (See Wilhide, Glenn C., assignor.)
Blackhawk Mfg. Co. (See Mandl, Siegmund, assignor.)
Blackhawk Mfg. Co. (See Pfauser, Edward M., assignor.)
Blackstone Manufacturing Company. (See Conterman, Fred A., assignor.)
Blair, David, Chicago, Ill. Brassière. 118,099; Dec. 12.
Blake Manufacturing Corporation. (See Cargill, William W., assignor.)
Blanc, Marinette, New York, N. Y. Hat or similar article. 114,985; May 30.
Blanc, Marinette, New York, N. Y. Hat or similar article. 115,154; June 6.
Blanchard, Royal I., assignor to Roy Toy Company, Worcester, Mass. Advertising card. 114,257; Apr. 11.
Blanck & Co. (See Barth, Bruno H.)
Blatt, Saul, New York, N. Y. Handbag. 115,073; May 30.
Blazey, Lawrence, Cleveland, Ohio, assignor to Rowe Manufacturing Co., Inc., Belleville, N. J. Vending machine cabinet. 113,961; Mar. 28.
Blazey, Lawrence, Cleveland, Ohio, assignor to Hussmann-Ligonier Company, St. Louis, Mo. Coffee mill. 118,149; Dec. 19.
Blazey, Lawrence, Cleveland, Ohio, assignor to Hussmann-Ligonier Company, St. Louis, Mo. Meat chopper or the like. 118,154; Dec. 19.
Blechman, Kamillie, New York, N. Y. Hat. 116,471; Sept. 5.
Blechner, Adolf C. (See Klahn, Edwin, assignor.)
Blitzer, Morris A., New York, N. Y. Changeable order placard. 115,829; July 25.
Block, Harold, New York, N. Y. Muff or similar article. 115,369; June 20.
Block, William O., Detroit, assignor to Yellow Truck & Coach Manufacturing Company, Pontiac, Mich. Motor coach body. 118,105; Dec. 12.
Blood, Charles R., Sacramento, Calif. Trash burner. 117,551; Nov. 14.
Blood, Louis H., Covington, Ky., and L. F. Nenninger, assignors to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Machine tool unit. 115,193; June 13.
Bloomfield, Samuel, Chicago, Ill. Dispensing cap for a sugar container or similar article. 113,305; Feb. 14.
Bloomfield, Samuel, Chicago, Ill. Napkin holder. 118,258; Dec. 26.
Blossom, Frederick M., Peoria, Ill. Belt. 115,700; July 11.
Blum, Hosmer L., Fort Wayne, Ind. Housing for dispensing apparatus. 115,143; June 6.
Blumenthal, Alexander E., Pittsburgh, Pa. Combined lamp and air circulator. 113,831; Mar. 21.
Blumenthal, Sidney, & Co. Inc. (See Todd, Juanita G., assignor.)
Blunt, Royden A., Baltimore, Md. Bottle. 114,004; Mar. 28.
Blunt, Royden A., Baltimore, Md. Bottle. 114,005; Mar. 28.
Blunt, Royden A., Baltimore, Md. Bottle. 114,006; Mar. 28.
Blunt, Royden A., Baltimore, Md. Bottle. 114,007; Mar. 28.
Blunt, Royden A., Baltimore, Md. Bottle. 114,008; Mar. 28.
Blunt, Royden A., Baltimore, Md. Bottle. 114,009; Mar. 28.
Blunt, Royden A., Baltimore, Md. Bottle. 114,745; May 16.
Blunt, Royden A., Baltimore, Md. Bottle. 114,746; May 16.
Blunt, Royden A., Baltimore, Md. Bottle. 117,605; Nov. 14.
Blunt, Royden A., Baltimore, Md. Bottle. 117,606; Nov. 14.
Blunt, Royden A., Baltimore, Md. Bottle. 117,607; Nov. 14.
Blunt, Royden A., Baltimore, Md. Bottle. 117,608; Nov. 14.

Blunt, Royden A., Baltimore, Md. Bottle. 117,609; Nov. 14.
Bobroff, Bornett L., Racine, Wis. Signal lamp for automotive vehicles. 113,371; Feb. 21.
Bocchino, Ernest, Clifton, N. J. Manicuring device. 114,390; Apr. 18.
Bockemuehl, Forrest T., Harrisonburg, Va. Game board. 113,701; Mar. 14.
Bockrath, George E. (See Munk, M. M., and Bockrath.)
Boden, Cecil W., Oakland, Calif. Caster. 114,527; May 2.
Bodkin, Irving S., New York, N. Y. Razor blade receptacle or similar article. 117,917; Dec. 5.
Bodkin, Morris A., New York, N. Y. Combined cane and folding seat or similar article. 113,534; Feb. 28.
Boepple, Hans, Valley Cottage, N. Y. Sweater or similar article. 115,061; May 30.
Boetticher, Herman W., assignor to G. James, Detroit, Mich. Portable printing machine. 115,074; May 30.
Bogle, John C., assignor to Art Tool & Die Company, Detroit, Mich. Therapeutic diagnostic device. 113,653; Mar. 7.
Boice, John B., et al. (See Stump, Lewis S., assignor.)
Boice, William B., Toledo, Ohio. Wood working machine. 115,779; July 18.
Bojesen, Kay, Copenhagen, Denmark, assignor to Frederik Lunning, Inc., New York, N. Y. Wooden toy automobile. 117,552; Nov. 14.
Bojesen, Kay, Copenhagen, Denmark, assignor to Frederik Lunning, Inc., New York, N. Y. Wooden rocking horse. 117,553; Nov. 14.
Bojesen, Kay, Copenhagen, Denmark, assignor to Frederik Lunning, Inc., New York, N. Y. Wooden toy chassis. 117,554; Nov. 14.
Bojesen, Kay, Copenhagen, Denmark, assignor to Frederik Lunning, Inc., New York, N. Y. Combination wooden sand mold and shovel. 117,555; Nov. 14.
Bojesen, Kay, Copenhagen, Denmark, assignor to Frederik Lunning, Inc., New York, N. Y. Wooden toy truck. 117,556; Nov. 14.
Bojesen, Kay, Copenhagen, Denmark, assignor to Frederik Lunning, Inc., New York, N. Y. Combination wooden teething ring and rattle. 117,645; Nov. 14.
Boker, H., & Co. (See Hausmann, Frederick W., assignor.)
Bolser, Clark M., assignor to The Bolser Corporation, Cedar Falls, Iowa. Reflector lens or the like. 113,702; Mar. 14.
Bolser, Clark M., assignor to The Bolser Corporation, Cedar Falls, Iowa. Reflector lens or the like. 113,703; Mar. 14.
Bolser Corporation, The. (See Bolser, Clark M., assignor.)
Bombeck, Charles T., Sr. (See Becker, Frank J., assignor.)
Bond, David S., Brookline, Mass. Vending machine. 114,380; Apr. 18.
Bond, Willard H., Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair. 113,372; Feb. 21.
Bond, Willard H., Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair. 113,373; Feb. 21.
Bond, Willard H., Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair. 117,987; Dec. 5.
Bond, Willard H., Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Chair. 117,988; Dec. 5.
Bond, Willard H., Jr., East Grand Rapids, assignor to American Seating Company, Grand Rapids, Mich. Folding chair. 118,185; Dec. 19.
Bonn, Harry, Union City, N. J. Reversible embroidered collar or similar article. 118,201; Dec. 19.
Bonnell, William L., Columbus, Ohio. Molding strip. 115,247; June 13.
Bonnell, William L., Columbus, Ohio. Baseboard cap strip or similar article. 117,684; Nov. 21.
Bonnell, William L., Columbus, Ohio. Nosing strip or similar article. 117,685; Nov. 21.
Bonnell, William L., Columbus, Ohio. Nosing strip or similar article. 117,686; Nov. 21.
Bonnell, William L., Columbus, Ohio. Corner molding or similar article. 117,893; Dec. 5.
Bonner, James M., Los Angeles, Calif. Bathtub. 116,836; Sept. 26.
Bonyhady, Emil, New York, N. Y. Sandal. 115,385; June 27.
Booharin, Leo Y., San Francisco, Calif., assignor of one-fourth to W. J. Delaney, one-fourth to P. W. Wood, and one-fourth to C. F. Attinger. Clock. 116,257; Aug. 22.
Boonshaft, Theodore. (See Estel, E., Boonshaft, and Rovin.)
Boothby, Walter M., A. H. Bulbulian, and W. R. Lovelace, Rochester, Minn. Inhalation mask. 113,984; Mar. 28.
Boott Mills. (See Flather, John R., assignor.)
Borchers, Earl, assignor to American Cabinet Hardware Corp., Rockford, Ill. Drawer pull or similar article. 118,009; Dec. 12.
Borda, Pasquale, New York, N. Y. Leather or similar article. 117,591; Nov. 14.
Borden Company, The. (See Watson, John F., assignor.)
Borg-Warner Corporation. (See Caldwell, W. B., and Peters, assignors.)
Boros, John, New York, N. Y. Dime bank. 115,538; July 4.
Borowitz, David, Chicago, Ill. Lamp shade. 117,163; Oct. 17.
Borregard, Ernst, Woodmere, N. Y. Display stand for packaged merchandise. 118,276; Dec. 26.
Bortniker, Max, New York, N. Y. Dress. 116,770; Sept. 19.
Bosak, Cyril M., Old Forge, Pa. Tooth brush. 118,155; Dec. 19.
Bost, William D., assignor to Orange Crush Company, Chicago, Ill. Measuring pump. 116,813; Sept. 26.
Botany Worsted Mills. (See Stains, Samuel E., assignor.)
Botham, Arthur R., New York, N. Y., assignor to Coty, Inc., Wilmington, Del. Combination vanity and lipstick case. 113,198; Jan. 31.
Botham, Arthur R., New York, N. Y., assignor to Coty, Inc., Wilmington, Del. Combination vanity and lipstick case. 113,199; Jan. 31.
Botham, Arthur R., New York, N. Y., assignor to Coty, Inc., Wilmington, Del. Combination vanity and lipstick case. 115,194; June 20.
Botham, Arthur R., New York, N. Y., assignor to Coty, Inc., Wilmington, Del. Combined lipstick case and mirror. 116,010; Aug. 8.
Bothwell, Dorr, assignor to Gladding, McBean & Co., Los Angeles, Calif. Figurine. 114,747; May 16.
Bothwell, Dorr, assignor to Gladding, McBean & Co., Los Angeles, Calif. Vase or similar article. 114,748; May 16.
Bothwell, Dorr, assignor to Gladding, McBean & Co., Los Angeles, Calif. Vase or similar article. 114,804; May 16.
Bottome, Edgar M., assignor to Fostoria Glass Company, Moundsville, W. Va. Goblet or similar article. 115,642; July 11.
Bottome, Edgar M., assignor to Fostoria Glass Company, Moundsville, W. Va. Goblet or similar article. 115,643; July 11.
Bottome, Edgar M., assignor to Fostoria Glass Company, Moundsville, W. Va. Plate or similar article. 115,665; July 11.
Bottome, Edgar M., assignor to Fostoria Glass Company, Moundsville, W. Va. Plate or similar article. 115,666; July 11.
Bouchard, Samuel E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Bridge for an ophthalmic mounting. 114,784; May 16.
Bouchard, Samuel E., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Goggle. 115,877; July 25.
Boucher, Marcel, New York, N. Y. Brooch or similar article. 116,472; Sept. 5.
Boucher, Marcel, New York, N. Y. Brooch or similar article. 116,473; Sept. 5.
Boulton, Berthoud C., Towson, and L. C. McCarty, Jr., assignors to The Glenn L. Martin Company, Baltimore, Md. Airplane. 114,972; May 23.
Boulton, Louis W., Port Arthur, Ontario, Canada. Dinner wagon. 113,547; Feb. 28.
Boulware, Lemuel R., assignor to Carrier Corporation, Syracuse, N. Y. Ventilator. 113,502; Feb. 28.
Bourke, Robert E., Jr., assignor to Sears, Roebuck and Co., Chicago, Ill. Hair clipper. 117,944; Dec. 5.
Bourne, Alberta M., Douglas County, Nevada. Label. 115,021; May 30.
Bourne, Douglas, assignor to Onondaga Pottery Company, Syracuse, N. Y. Plate or similar article. 114,670; May 9.
Bourne, Richard H., El Reno, Okla. Combined dial and hand for a clock or similar article. 115,904; Aug. 1.
Bousman, Samuel I., assignor to Colorado Iron Works Company, Denver, Colo. Pivotal drive unit for conveyers or the like. 114,575; May 2.
Bouthiller, Auguste J., Henryville, Quebec, Canada. Fan stand. 113,080; Jan. 24.
Bovay, Norman E., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Shoe. 115,610; July 11.
Bovers, William J., Woodhaven, assignor to F. W. Woolworth Co., New York, N. Y. Display stand. 116,011; Aug. 8.
Bowen, Alfred O., and F. E. Taylor, East Gadsden, Ala. Display stand. 114,170; Apr. 11.
Bowen, Alfred O., and F. E. Taylor, East Gadsden, Ala. Display stand. 114,171; Apr. 11.
Bowers, Bailey T., Chicago, Ill. Desk unit. 117,828; Nov. 28.
Bowie, Robert M., St. Marys, Pa., assignor to Hygrade Sylvania Corporation, Salem, Mass. Cathode ray tube or similar article. 117,019; Oct. 3.
Bowman, Harry and P., Larned, Kans. Sock turner. 118,227; Dec. 26.
Bowman, Paul. (See Bowman, Harry and P.)
Bowser, S. F., & Company. (See Novotny, Joseph, assignor.)
Boyle, Homer G., assignor to The Crosley Corporation, Cincinnati, Ohio. Radio cabinet. 117,846; Nov. 28.
Boysen, George M., Philadelphia, Pa. Lace. 113,374; Feb. 21.
Boysen, George M., Philadelphia, Pa. Lace. 113,375; Feb. 21.
Boysen, George M., Philadelphia, Pa. Lace. 113,376; Feb. 21.

Boysen, George M., Philadelphia, Pa. Lace. 117,863; Nov. 28.
Boysen, George M., Philadelphia, Pa. Lace. 117,969; Dec. 5.
Boysen, George M., Philadelphia, Pa. Lace. 117,970; Dec. 5.
Brabenec, Gustav. (See Hildebrand, O. G., and Brabenec.)
Bradford, Harvey M., assignor of one-half to J. R. Magill, Terre Haute, Ind. Combined can opener, can closure and measuring cup. 117,054; Oct. 10.
Bradley, George H., and M. K. Cragun, Minneapolis, and W. J. Madden, Jr., Pine Beach, assignors to Paul Bunyan, Inc., St. Paul, Minn. Game board. 113,535; Feb. 28.
Bradley, James C., New York, N. Y. Display plate for automobiles. 117,687; Nov. 21.
Bradley, Ralph A., Kansas City, and R. D. George, Raytown, assignors to Butler Manufacturing Company, Kansas City, Mo. Trailer tank. 115,342; June 20.
Bradley Washfountain Company. (See Mullett, Howard A., assignor.)
Brady, Medis C., Detroit, Mich. Face plate for a signal casing. 115,949; Aug. 1.
Brainard, George C., assignor to The General Fireproofing Company, Youngstown, Ohio. Desk. 117,253; Oct. 24.
Bramhall, Arthur, Livingston, N. J. Milk bottle. 114,011; Mar. 28.
Bramming, Carl, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Vacuum bottle. 117,466; Nov. 7.
Brand, Cecile, New York, N. Y. Dress. 117,224; Oct. 17.
Brand, Cecile, New York, N. Y. Dress. 117,239; Oct. 17.
Brandes, Arthur, Los Angeles County, and F. W. Jordan, La Habra, Calif. Buffet plate. 115,730; July 18.
Brandt, Max, Brooklyn, N. Y. Culinary spoon or similar article. 117,625; Nov. 14.
Bratrud, Ludwig J. (See Stark, Arvid, assignor.)
Bratt, Bert J., Chicago, Ill. Game board. 112,805; Jan. 3.
Bratt, Bert J., Chicago, Ill. Game board. 112,894; Jan. 10.
Bratt, Bert J., Chicago, Ill. Set of game pieces. 113,216; Feb. 7.
Braun, Francis F., Cincinnati, Ohio, and T. Hearn, Ludlow, Ky., assignors to The Globe-Wernicke Company, Norwood, Ohio. Letter tray or similar article. 112,771; Jan. 3.
Braun, Francis F., Cincinnati, assignor to The Globe-Wernicke Company, Norwood, Ohio. Desk. 113,505; Feb. 28.
Breckenridge, Frank, Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Combined washing machine and wringer. 114,436; Apr. 25.
Breen, Fred, assignor to Revlon Products Corporation, New York, N. Y. Bottle. 117,708; Nov. 21.
Breer, Edna, New York, N. Y. Dress ensemble. 112,975; Jan. 17.
Breer, Edna, New York, N. Y. Dress. 113,179; Jan. 31.
Breer, Edna, New York, N. Y. Dress ensemble. 113,548; Feb. 28.
Breer, Edna, New York, N. Y. Dress. 116,304; Aug. 22.
Breer, Edna, New York, N. Y. Dress. 116,305; Aug. 22.
Breer, Edna, New York, N. Y. Dress ensemble. 116,306; Aug. 22.
Breer, Edna, New York, N. Y. Dress. 116,501; Sept. 5.
Breer, Edna, New York, N. Y. Dress. 116,654; Sept. 12.
Breer, Edna, New York, N. Y. Dress. 116,898; Sept. 26.
Breer, Edna, New York, N. Y. Dress. 117,314; Oct. 24.
Breer, Edna, New York, N. Y. Dress ensemble. 117,315; Oct. 24.
Breer, Edna, New York, N. Y. Dress ensemble. 117,328; Oct. 24.
Breglia, Arthur F., New York, N. Y. Couch. 115,022; May 30.
Brehm, Frederick W., Seattle, Wash. Book cover. 115,062; May 30.
Breingan, Alexander W., New York, N. Y. Photographic contact printing frame. 115,307; June 20.
Breitman, Abraham, New York, N. Y. Suit ensemble. 113,953; Mar. 21.
Brekke, Marshall T., Scarsdale, assignor to Northam Warren Corporation, New York, N. Y. Combination manicure applicator and cleaning device. 116,216; Aug. 22.
Brenkert, Karl, assignor to Brenkert Light Projection Co., Detroit, Mich. Combination motion picture projector and pedestal therefor. 114,259; Apr. 11.
Brenkert, Karl, Detroit, Mich. Combination motion picture projector and pedestal therefor. 115,386; June 27.
Brenkert Light Projection Company. (See Brenkert, Karl, assignor.)
Brenner, Beatrice, New York, N. Y. Dress. 117,020; Oct. 3.
Brenner, Louis J., New York, N. Y. Textile fabric. 113,779; Mar. 14.
Breuss, Walter F., Leonia, N. J. Collar or similar article. 113,450; Feb. 21.
Brewster, Louise H., Belfast, Maine, assignor to Joseph W. Woods Company, Inc., New York, N. Y. Textile fabric or similar article. 114,500; Apr. 25.
Brewster, Louise H., Belfast, Maine, assignor to Joseph W. Woods Company, Inc., New York, N. Y. Textile fabric or similar article. 116,760; Sept. 19.
Brickley, Samuel C., Arnold, assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Dessert mold or similar article. 117,346; Oct. 31.
Brickley, Samuel C., Arnold, assignor to The Aluminum Cooking Utensil Company, New Kensington, Pa. Dessert mold or similar article. 117,347; Oct. 31.
Bridwell, John H., Wichita Falls, Tex. Vending machine casing. 116,548; Sept. 12.
Briggs, Leland Stanford. (See Patten, R., and Briggs.)
Briggs Manufacturing Company. (See Tjaarda, John, assignor.)
Bright Star Battery Company. (See Desimone, Anthony J., assignor.)
Briner, Darrell E., Winchester, Ind., assignor to L. A. Lummis, doing business as Lummis Glass Company, New York, N. Y. Jar or similar container. 116,912; Oct. 3.
Brittan, Gordon G., Hubbard Woods, assignor to Warwick Manufacturing Corporation, Chicago, Ill. Automobile radio set. 114,632; May 9.
Brock, Archibald, Arlington, and W. H. Backer, Orange, assignors to The Emeloid Company, Inc., Arlington, N. J. Sunglasses. 114,437; Apr. 25.
Brockman, John A., Reno, Nev. Combined salt and pepper shaker. 113,377; Feb. 21.
Brockstein, Isaac S., Houston, Tex. Building front. 113,503; Feb. 28.
Brodbeck, Almer H., assignor to American Stove Company, St. Louis, Mo. Setting handle for heat regulators. 114,315; Apr. 18.
Broderick, Frank W. (See Sunderhauf, F. A., and Broderick.)
Broderick, Frank W., New Brighton, N. Y., assignor to Reynolds Metals Company, Richmond, Va. Display carton. 118,010; Dec. 12.
Brodick, Benjamin, New York, N. Y. Tapping slipper. 117,918; Dec. 5.
Brodie, Ralph N., Company. (See Shafer, Eugene W., assignor.)
Brody, Adelé, Brooklyn, N. Y. Dress. 115,355; June 20.
Brody, Adelé, Brooklyn, N. Y. Dress. 115,356; June 20.
Brody, Adelé, Brooklyn, N. Y. Dress ensemble. 115,357; June 20.
Brody, Benjamin R., New York, N. Y. Lady's handbag or similar article. 115,023; May 30.
Brody, Benjamin R., New York, N. Y. Lady's handbag or similar article. 116,158; Aug. 15.
Brody, Benjamin R., New York, N. Y. Lady's handbag or similar article. 116,159; Aug. 15.
Broeren, Frank L., Neenah, and S. N. Hope, Wauwatosa, assignors to Marathon Paper Mills Company, Rothschild, Wis. Paper napkin dispenser. 113,504; Feb. 28.
Broeren, Frank L., Neenah, assignor to Marathon Paper Mills Company, Rothschild, Wis. Dispenser for interfolded sheets. 115,098; June 6.
Bromfield, Isidore, Waban, Mass. Trawler or the like. 117,626; Nov. 14.
Bronstien, Edward L., St. Paul, Minn. Bedspring. 115,701; July 11.
Bronstien, Edward L., St. Paul, Minn. Bedspring. 115,702; July 11.
Bronstien, Edward L., St. Paul, Minn. Angle iron. 115,703; July 11.
Brooks, John W., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Combined light bracket and shade. 114,805; May 16.
Broome, Frank H., Pompton Lakes, N. J., assignor to Cambosco Scientific Company, Boston, Mass. Educational instrument. 113,780; Mar. 14.
Brophy, John, New York, N. Y. Ring. 113,962; Mar. 28.
Brophy, John, Caracas, Venezuela. Game device. 114,749; May 16.
Brotman, Hyman D., Detroit, Mich. Washing machine cabinet. 116,012; Aug. 8.
Brotman, Hyman D., Detroit, Mich. Washing machine cabinet. 117,627; Nov. 14.
Brotzman, Walter F., and B. H. Statter, assignors to Display Center, Baltimore, Md. Wall case for phonograph records. 114,172; Apr. 11.
Brotzman, Walter F., and B. H. Statter, assignors to Display Center, Baltimore, Md. Phonograph record rack. 114,671; May 9.
Broude, Helen S., Elgin, Ill. Combination salt and pepper shaker. 118,148; Dec. 19.
Brown, Albert, New York, N. Y. Billfold. 115,579; July 4.
Brown & Bigelow. (See Trollen, Martin E., assignor.)
Brown, Charles H., Breckenridge, Tex. Checker board. 113,963; Mar. 28.
Brown, Edna S., St. Louis, Mo. Dress. 115,684; July 11.
Brown, H. H., Shoe Company. (See Cowen, Rawson R., assignor.)
Brown, John W., Cleveland, Ohio. Drinking glass. 117,055; Oct. 10.
Brown, Leo H., New York, N. Y. Telescope. 116,013; Aug. 8.
Brown, M. Stanley, Pelham, N. Y., assignor to Kaufmännisches Directorium, St. Gallen, Switzerland. Ensemble dress or similar article. 115,257; June 13.
Brown, M. Stanley, Pelham, N. Y., assignor to Kaufmännisches Directorium, St. Gallen, Switzerland. Dress or similar article. 115,258; June 13.
Brown, M. Stanley, Pelham, N. Y., assignor to Kaufmännisches Directorium, St. Gallen, Switzerland. Ensemble dress or similar article. 115,259; June 13.

Brown, M. Stanley, Pelham, N. Y., assignor to Kaufmännisches Directorium, St. Gallen, Switzerland. Dress or similar article. 115,260; June 13.
Brown, Percy M., New York, N. Y. Container for bottled perfume and the like. 116,549; Sept. 12.
Brown, Seymour, New York, N. Y. Tablecloth or similar article. 117,646; Nov. 14.
Brown, Willard E., Los Angeles, Calif. Evaporative cooler cabinet. 117,688; Nov. 21.
Brown, William T., assignor to The Watson Company, Attleboro, Mass. Spoon or similar article. 115,539; July 4.
Brown, William, Scarsdale, N. Y. Rug. 116,014; Aug. 8.
Brown, William, Scarsdale, N. Y. Rug. 116,015; Aug. 8.
Brownell, Earl C., Portland, Ore. Sign. 115,644; July 11.
Brownstein, Henry J., Chicago, Ill. Liquid applicator. 117,894; Dec. 5.
Bruce, Leo I., Framingham, Mass., assignor to Warren Telechron Company. Clock case. 115,195; June 13.
Bruce, Leo I., Framingham, Mass., assignor to Warren Telechron Company. Clock case. 115,196; June 20.
Bruce, Leo I., Framingham, Mass., assignor to Warren Telechron Company. Clock case. 115,905; Aug. 1.
Bruce, Leo I., Framingham, Mass., assignor to Warren Telechron Company. Clock case. 117,895; Dec. 5.
Bruce, Leo I., Framingham, Mass., assignor to Warren Telechron Company. Clock case. 117,896; Dec. 5.
Bruce, Leo I., Framingham, Mass., assignor to Warren Telechron Company. Clock case. 117,897; Dec. 5.
Bruner, Rea M., assignor of one-third to R. A. Kenley and A. Murphy, Houston, Tex. Sign. 116,457; Sept. 5.
Brunetti, Joseph, Carlstadt, N. J. Goggle. 112,976; Jan. 17.
Brunetti, Joseph, Carlstadt, N. J. Goggle. 114,260; Apr. 11.
Brunetti, Joseph, Carlstadt, N. J. Goggle. 117,767; Nov. 21.
Brunswick-Balke-Collender Company, The. (See Birren, Faber, assignor.)
Brunswick-Balke-Collender Company, The. (See Deskey, Donald, assignor.)
Brunswick-Balke-Collender Company, The. (See Ellison, Clifford L., assignor.)
Brunswick-Balke-Collender Company, The. (See Lawson, William C., assignor.)
Bry, Louis, New York, N. Y. Textile fabric. 115,261; June 13.
Bry, Louis, New York, N. Y. Textile fabric. 115,262; June 13.
Bry, Louis, New York, N. Y. Textile fabric. 115,488; July 4.
Bry, Louis, New York, N. Y. Textile fabric. 115,723; July 11.
Bry, Louis, New York, N. Y. Textile fabric. 115,724; July 11.
Bry, Louis, New York, N. Y. Textile fabric. 116,327; Aug. 22.
Bry, Louis, New York, N. Y. Textile fabric. 116,489; Sept. 5.
Bry, Louis, New York, N. Y. Textile fabric. 116,735; Sept. 19.
Bryan, Daniel J., assignor to Cannon Shoe Company, Baltimore, Md. Shoe. 113,341; Feb. 14.
Bryan, Mortimer N., New York, N. Y. Hat. 116,426; Aug. 29.
Bryce Brothers Company. (See Bryce, Gerard S., assignor.)
Bryce, Gerard S., assignor to Bryce Brothers Company, Mt. Pleasant, Pa. Whisky glass or similar article. 112,983; Jan. 24.
Bryce, Gerard S., assignor to Bryce Brothers Company, Mt. Pleasant, Pa. Stemmed goblet. 112,984; Jan. 24.
Buchholz, Israel, New York, N. Y. Dress ensemble. 118,066; Dec. 12.
Buchholz, Israel, New York, N. Y. Dress ensemble. 118,067; Dec. 12.
Buchholz, Israel, New York, N. Y. Dress ensemble. 118,068; Dec. 12.
Buchholz, Israel, New York, N. Y. Dress. 118,202; Dec. 19.
Buchsbaum, S., & Co. (See Palko, Charles, assignor.)
Buckingham, Charles W. (See Gardella, A. J., and Buckingham.)
Buckingham, John D., assignor to Lucien Lelong, Inc., Chicago, Ill. Perfume bottle or similar article. 114,360; Apr. 18.
Buckingham, John D., assignor to Lucien Lelong, Inc., Chicago, Ill. Powder box or similar article. 114,361; Apr. 18.
Buckingham, John D., assignor to Lucien Le Long, Inc., Chicago, Ill. Perfume bottle or similar article. 114,652; May 9.
Buckingham, John D., assignor to Lucien Le Long, Inc., Chicago, Ill. Perfume bottle display and holder therefor. 114,653; May 9.
Buckingham, John D., assignor to Lucien Lelong, Inc., Chicago, Ill. Combined bottle and closure therefor. 116,016; Aug. 8.
Buckingham, John D., assignor to Lucien Lelong, Inc., Chicago, Ill. Perfume bottle or similar article. 116,017; Aug. 8.
Buckingham, John D., assignor to Lucien LeLong, Inc., Chicago, Ill. Bottle or similar article. 117,138; Oct. 17.
Budd Wheel Company. (See Eksergian, C. L., and Davenport, assignors.)
Budd Wheel Company. (See Eksergian, C. L., and Farr, assignors.)
Buehner, William F. A., New York, N. Y. Shoe or the like. 114,316; Apr. 18.
Buettner, T., & Co. (See Lovgren, C., Burgess, and Guild, assignors.)
Buffalo Jewelry Case Co. Inc. (See Sundee, John R., assignor.)
Bugg, Kenly C., Farmington, Mo. Padlock. 115,645; July 11.
Bulbulian, Arthur H. (See Boothby, W. M., Bulbulian, and Lovelace.)
Bullock, Frederick A., Attleboro, Mass., assignor to Dolan & Bullock Company, Providence, R. I. Collar holder. 117,661; Nov. 21.
Bulman, Elvah O., Grand Rapids, Mich. Paper roll holder. 116,736; Sept. 19.
Buma, Yukio, Kew Gardens, assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 112,921; Jan. 17.
Buma, Yukio, Kew Gardens, assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 112,922; Jan. 17.
Buma, Yukio, Kew Gardens, assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 112,923; Jan. 17.
Buma, Yukio, Kew Gardens, assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 112,924; Jan. 17.
Buma, Yukio, Kew Gardens, assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 112,925; Jan. 17.
Buma, Yukio, Kew Gardens, assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 112,926; Jan. 17.
Buma, Yukio, Kew Gardens, assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 112,927; Jan. 17.
Buma, Yukio, Kew Gardens, assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 112,928; Jan. 17.
Buma, Yukio, Kew Gardens, assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 112,929; Jan. 17.
Buma, Yukio, Kew Gardens, assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 112,930; Jan. 17.
Buma, Yukio, Kew Gardens, assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 112,931; Jan. 17.
Buma, Yukio, Kew Gardens, assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 112,932; Jan. 17.
Bunting Glider Company. (See Goldberg, Aaron S., assignor.)
Bunyan, Paul, Inc. (See Bradley, G. H., Cragun, and Madden, assignors.)
Burch Manufacturing Company. (See Manley, Charles T., assignor.)
Burd, Samuel I., Philadelphia, Pa. Stocking. 114,609; May 2.
Burgess, George F., Cleveland, Ohio. Combination clearance and side marker lamp for vehicles. 115,387; June 27.
Burgess, George F., Cleveland, Ohio. Combination clearance and side marker lamp for motor vehicles. 115,844; July 25.
Burgess, George F., assignor to Automotive Lighting Equipment, Inc., New Orleans, La. Signal lamp. 116,942; Oct. 3.
Burgess, Richard H., San Antonio, Tex. Tire. 114,528; May 2.
Burgess, Walter J. (See Lovgren, C., Burgess, and Guild.)
Burgund, Albert C., Tuckahoe, N. Y., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 115,343; June 20.
Burgund, Albert C., Tuckahoe, N. Y., assignor to Carr-Lowrey Glass Co., Baltimore, Md. Bottle. 115,388; June 27.
Burke, Edward J., Richmond, Va. Chair. 114,056; Apr. 4.
Burke, Oscar M., New York, N. Y. Locket. 113,506; Feb. 28.
Burke, William R., Berkeley, assignor to California Retail Jewelers Association, Inc., San Francisco, Calif. Souvenir key. 115,389; June 27.
Burman, Olof S., Minneapolis, Minn. Laundry tub. 117,329; Oct. 24.
Burnham, Roger Noble, Los Angeles, Calif. Statuette or similar article. 112,985; Jan. 24.
Burri, Lucien S., New York, N. Y. Finger ring. 114,317; Apr. 18.
Burrows, Robert J., and A. O. Williams, Battle Creek, assignors to Clark Equipment Company, Buchanan, Mich. Rail car truck. 116,112; Aug. 8.
Busey, Benjamin A., York, and R. B. Hartzler, Cly, Pa. Frankfurter cooker. 114,806; May 16.
Bushberg, Wally, Oakland, Calif. Display rack. 114,986; May 30.
Bushwick, Anna, New York, N. Y. Hat. 117,240; Oct. 17.
Bushwick, Anna, New York, N. Y. Hat. 117,241; Oct. 17.

Bushwick, Anna, New York, N. Y. Hat. 117,242; Oct. 17.
Bushwick, Anna, New York, N. Y. Hat. 117,864; Nov. 28.
Bushwick, Anna, New York, N. Y. Hat. 117,865; Nov. 28.
Busian, Gerhard L., assignor to W. R. Wilson, Detroit, Mich. Pipe coupling. 117,444; Nov. 7.
Busiel, Alfred, assignor to Lady Esther, Ltd., Chicago, Ill. Bottle. 117,302; Oct. 24.
Buszkiewicz, Walter L., Lemont, Ill. Dispenser for cigarettes or cigars. 117,491; Nov. 7.
Butler, Clifford E., Waterloo, Iowa. Gear casing for a centrifugal liquid separator. 113,319; Feb. 14.
Butler, Clifford E., Waterloo, Iowa. Cream separator. 113,320; Feb. 14.
Butler, Clifford E., Waterloo, Iowa. Cream separator. 113,321; Feb. 14.
Butler, Clifford E., Waterloo, Iowa. Gear casing for a centrifugal liquid separator. 113,342; Feb. 14.
Butler, Clifford E., Waterloo, Iowa. Gear casing for a centrifugal liquid separator. 113,343; Feb. 14.
Butler, Clifford E., Waterloo, Iowa. Gear casing for a centrifugal liquid separator. 113,344; Feb. 14.
Butler Manufacturing Company. (See Bradley, R. A., and George, assignors.)
Butler, Stewart L. (See Eickmeyer, E. E., Butler, and Rothermel.)
Butrim, Simon P., Long Beach, Calif. Game board. 116,217; Aug. 22.
Button, George W., Corporation. (See Sierad, Albert E., assignor.)
Butzner, Elizabeth R., New York, N. Y. Table or similar article. 117,445; Nov. 7.
Butzner, Elizabeth R., New York, N. Y. Table or similar article. 117,446; Nov. 7.
Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 113,322; Feb. 14.
Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 113,728; Mar. 14.
Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 113,729; Mar. 14.
Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 114,694; May 9.
Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 116,792; Sept. 26.
Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 116,837; Sept. 26.
Buxton, Warner R., Longmeadow, Mass. Flexible pocket receptacle. 117,390; Oct. 31.
Byrnes, Phyllis, New York, N. Y. Dress. 114,277; Apr. 11.
Byrnes, Phyllis, New York, N. Y. Dress and slip ensemble. 114,627; May 2.
Byrnes, Phyllis, New York, N. Y. Dress ensemble. 114,840; May 16.
Byrnes, Phyllis, New York, N. Y. Dress. 115,076; May 30.
Cadous, Ester, New York, N. Y. Bathing suit. 113,081; Jan. 24.
Cadous, Esther, New York, N. Y. Slip. 117,945; Dec. 5.
Cadwallader, Robert, Detroit, Mich. Automobile. 117,056; Oct. 10.
Cadwallader, Robert, Detroit, Mich. Automobile. 117,057; Oct. 10.
Cadwallader, Robert, Detroit, Mich. Automobile. 117,058; Oct. 10.
Cadwallader, Robert, Detroit, Mich. Automobile. 117,059; Oct. 10.
Cadwallader, Robert, Detroit, Mich. Automobile grille. 117,339; Oct. 24.
Cadwallader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile grille unit. 117,164; Oct. 17.
Cadwallader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile grille. 117,211; Oct. 17.
Cadwallader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile grille. 117,212; Oct. 17.
Cadwallader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile grille. 117,213; Oct. 17.
Cadwallader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile grille. 117,340; Oct. 24.
Cadwallader, Robert, Detroit, assignor to Chrysler Corporation, Highland Park, Mich. Automobile grille unit. 117,492; Nov. 7.
Caestecker, Charles E., Chicago, Ill. Hood for electric lamps. 117,919; Dec. 5.
Caestecker, Charles E., Chicago, Ill. Rebound device for a pin-ball game apparatus. 118,011; Dec. 12.
Caine, Robert, New York, N. Y. Dress. 114,610; May 2.
Caine, Robert, New York, N. Y. Dress. 115,024; May 30.
Caine, Robert, New York, N. Y. Dress. 115,025; May 30.
Caine, Robert, New York, N. Y. Dress. 115,099; June 6.
Cairns, William F., New Haven, Conn., assignor to United States Rubber Company, New York, N. Y. Shoe sole. 113,620; Mar. 7.
Cairns, William F., New Haven, Conn., assignor to United States Rubber Company, New York, N. Y. Shoe. 114,917; May 23.
Cairns, William F., New Haven, Conn., assignor to United States Rubber Company, New York, N. Y. Shoe. 114,918; May 23.
Cairns, William F., New Haven, Conn., assignor to United States Rubber Company, New York, N. Y. Shoe. 117,330; Oct. 24.
Calderazzo, Dominick J., New York, N. Y. Shoe. 112,831; Jan. 3.
Calderazzo, Dominick J., Dolgeville, N. Y. Shoe. 113,057; Jan. 24.
Calderazzo, Dominick J., Dolgeville, N. Y. Shoe. 113,217; Feb. 7.
Calderazzo, Dominick J., New York, N. Y. Slipper. 116,814; Sept. 26.
Calderazzo, Dominick J., New York, N. Y. Slipper. 116,700; Sept. 19.
Calderazzo, Dominick J., New York, N. Y. Slipper. 116,701; Sept. 19.
Calderazzo, Dominick J., New York, N. Y. Slipper. 116,702; Sept. 19.
Calderazzo, Dominick J., New York, N. Y. Slipper. 116,703; Sept. 19.
Caldwell, Walter B., Flossmoor, and E. F. Peters, Chicago Heights, assignors to Borg-Warner Corporation, Chicago, Ill. Fence post. 115,540; July 4.
California Growers Wineries. (See Cobb, Earl M., assignor.)
California Growers Wineries. (See Cobb, Earle M., assignor.)
California Retail Jewelers Association, Inc. (See Burke, William R., assignor.)
Callahan, Harry J., Detroit, Mich. Fireman's safety coat or similar article. 117,331; Oct. 24.
Callahan, Harry J., Detroit, Mich. Fireman's safety coat or similar article. 118,109; Dec. 19.
Callahan, Thomas A., New York, N. Y. Pocket handkerchief. 116,474; Sept. 5.
Calumet Manufacturing Corporation. (See Rideout, John G., assignor.)
Cambosco Scientific Company. (See Broome, Frank H., assignor.)
Cameo Vinyards Company. (See Parker, Ovid S., assignor.)
Cameron, Gordon K., assignor to Ritter Dental Manufacturing Company, Inc., Rochester, N. Y. Dental lathe. 117,989; Dec. 5.
Camp, John O. (See Heil, N. E., and Camp.)
Campbell, Donald J., Spring Lake Township, Ottawa County, assignor to Campbell, Wyant & Cannon Foundry Company, Muskegon Heights, Mich. Furnace. 113,730; Mar. 14.
Campbell, Lawrence W., Johnstown, Pa. Badge or the like. 116,458; Sept. 5.
Campbell, Sterling H., and F. H. Pietzsch, assignors to Western Railway Equipment Company, St. Louis, Mo. Card holder. 117,447; Nov. 7.
Campbell, Thomas R., Elmira, assignor to Corning Glass Works, New York, N. Y. Combined display carton and carrier. 114,889; May 23.
Campbell, Thomas R., Elmira, assignor to Corning Glass Works, Corning, N. Y. Display carton. 117,709; Nov. 21.
Campbell, Willard R., Long Beach, Calif. Pressure gauge. 113,323; Feb. 14.
Campbell, Wyant & Cannon Foundry Company. (See Campbell, Donald J., assignor.)
Canal National Bank of Portland, The. (See Randall, Walter H., assignor.)
Cancellare, Peggy, New York, N. Y. Dress ensemble. 114,391; Apr. 18.
Canelstein, Gotel, New York, N. Y. Embroidered textile fabric or similar article. 113,130; Jan. 31.
Canelstein, Gotel, New York, N. Y. Textile fabric or similar article. 118,339; Dec. 26.
Canfield, Richard W., assignor to Clemson Bros., Inc., Middletown, N. Y. Implement handle. 118,156; Dec. 19.
Cannon Shoe Company. (See Bryan, Daniel J., assignor.)
Caracasis, Nicholas, Roslindale, Mass. Diner. 116,621; Sept. 12.
Carawan, Ashley, Chicago, Ill. Hair dyeing tray. 117,898; Dec. 5.
Carbonara, Victor E., Rockville Centre, assignor to P. Kollsman, New York, N. Y. Shell of a Pitot static tube. 114,362; Apr. 18.
Carbonaro, Gaetano, assignor to E. D. Laboratories, Inc., Brooklyn, N. Y. Horn. 116,793; Sept. 26.
Cardinal Parfums, Inc. (See Ignall, T. J., and Penker, assignors.)
Cargill, William W., Madison, Wis., assignor to Blake Manufacturing Corporation, Clinton, Mass. Flashlight casing. 113,257; Feb. 7.
Carl-Art, Inc. (See Volk, Paul F., assignor.)
Carley, Leonard R., Watertown, assignor to The Patent Button Company, Waterbury, Conn. Button. 113,105; Jan. 31.
Carlson, Ernest O., Rockford, Ill. Sewing cabinet. 116,985; Oct. 3.
Carlson, Ernest O., Rockford, Ill. Make-up cabinet. 118,259; Dec. 26.
Carlson, Jules E., Chicago, Ill. Combined book end, picture frame, and ashtray. 113,451; Feb. 21.
Carmitchell, Alfred B., Berea, assignor to The Standard Oil Company, Cleveland, Ohio. Service station. 117,214; Oct. 17.

Carnes, Herman W., Indianapolis, Ind., assignor to Oxweld Acetylene Company. Regulator. 115,780; July 18.
Carney, Clifford R., Detroit, Mich. Ice tray. 117,254; Oct. 24.
Carpenter, E. W., Manufacturing Company. (See Conway, J. J., and Fry, assignors.)
Carpenter, Edward W., Fairfield, Conn. Scissors. 115,906; Aug. 1.
Carpenter, Howard F. (See Long, E. B., Jr., and Carpenter.)
Carpenter, Paul J., Newark, N. J. Nail file. 113,359; Feb. 14.
Carpenter, Robert F., Cleveland, Ohio. Holder for paper napkins or the like. 114,750; May 16.
Carragher, Hugh J., and T. B. Wilson, Brooklyn, Conn. Textile fabric. 113,825; Mar. 14.
Carragher, Hugh J., and T. B. Wilson, Brooklyn, assignors to Powdrell and Alexander, Inc., Danielson, Conn. Textile fabric. 117,086; Oct. 10.
Carragher, Hugh J., and T. B. Wilson, Brooklyn, assignors to Powdrell and Alexander, Inc., Danielson, Conn. Textile fabric. 117,087; Oct. 10.
Carragher, Hugh J., and T. B. Wilson, Brooklyn, assignors to Powdrell and Alexander, Inc., Danielson, Conn. Textile fabric. 117,088; Oct. 10.
Carragher, Hugh J., and T. B. Wilson, Brooklyn, assignors to Powdrell and Alexander, Inc., Danielson, Conn. Textile fabric. 117,089; Oct. 10.
Carragher, Hugh J., and T. B. Wilson, Brooklyn, assignors to Powdrell and Alexander, Inc., Danielson, Conn. Textile fabric. 117,090; Oct. 10.
Carragher, Hugh J., and T. B. Wilson, Brooklyn, assignors to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 118,205; Dec. 19.
Carragher, Hugh J., and T. B. Wilson, Brooklyn, assignors to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 118,206; Dec. 19.
Carragher, Hugh J., and T. B. Wilson, Brooklyn, assignors to Powdrell & Alexander, Inc., Danielson, Conn. Textile fabric. 118,207; Dec. 19.
Carrier Corporation. (See Boulware, Lemuel R., assignor.)
Carr-Lowrey Glass Company. (See Bicks, Jean L., assignor.)
Carr-Lowrey Glass Co. (See Burgund, Albert C., assignor.)
Carr-Lowrey Glass Company. (See Kohl, William R., assignor.)
Carr-Lowrey Glass Company. (See Leach, Walter R., assignor.)
Carr-Lowrey Glass Co. (See Lloyd, Philip G., assignor.)
Carr-Lowrey Glass Company. (See Samuels, Rudolph, assignor.)
Carson, Oswald B., Scarsdale, assignor to American Hard Rubber Company, New York, N. Y. Automotive steering wheel. 115,685; July 11.
Carson, Oswald B., Scarsdale, assignor to American Hard Rubber Company, New York, N. Y. Automotive steering wheel. 115,686; July 11.
Cart, Theodore S., Princeton, assignor to Atlantic Products Corporation, Trenton, N. J. Card table cover. 113,902; Mar. 21.
Carter, George L., Teaneck, assignor to General Oil Heating Corporation, West New York, N. J. Oil burner. 117,725; Nov. 21.
Cartier, Inc. (See Glaenzer, Jules, assignor.)
Cartier, Inc. (See Graeter, Harold, assignor.)
Cartier, Societe Anonyme. (See Beault, Georges A. J., assignor.)
Cartier, Societe Anonyme. (See Toussaint, Jeanne, assignor.)
Casco Products Corporation. (See Bahr, Gustave F., assignor.)
Casco Products Corporation. (See Lehmann, Herbert G., assignor.)
Case, Harold W., Dayton, Ohio. Pursuit airplane. 118,277; Dec. 26.
Case, W. A., & Son Manufacturing Company. (See Kohlmeyer, George W., assignor.)
Case, W. A., & Son Manufacturing Company, et al. (See Kohlmeyer, G. W., and Fraser, assignors.)
Case, Harold W. (See Taylor, J. G., and Case.)
Casebeer, William H., Wenatchee, Wash. Combination can puncher and stopper. 117,768; Nov. 21.
Cashmore, Joseph M., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Pistol-grip tool driver. 113,158; Jan. 31.
Castricone, John A., Peoria, Ill. Ironing machine gear head. 114,057; Apr. 4.
Castro, Edward S. (See Valenzuela, P. G., and Castro.)
Cathcard, Murinda M., Independence, Mo. Scribing tool. 116,018; Aug. 8.
Catholic War Veterans, Incorporated. (See McDonald, William L., assignor.)
Cavanagh, John, assignor to Hat Corporation of America, Norwalk, Conn. Hat. 118,069; Dec. 12.
Cave, Henry, assignor to The Fuller Brush Company, Hartford, Conn. Tooth brush. 116,838; Sept. 26.
Caverly, Donald P., Marblehead, Mass. Sterile glass storage unit. 115,284; June 20.
Caverly, Donald P., Marblehead, assignor to Hygrade Sylvania Corporation, Salem, Mass. Sterilizing tube reflecting unit. 117,874; Nov. 28.
Cavignac, Frank H., New York, N. Y. Golf game device or similar article. 115,197; June 13.
Celluloid Corporation. (See North, Mary A., assignor.)
Celluloid Corporation. (See Smith, Harry E., assignor.)
Central Brass Manufacturing Company, The. (See Mortimer, Charles B., assignor.)
Century Lighting, Inc. (See Levy, Joseph, assignor.)
Century Metalcraft Corporation. (See Hayden, S., and Amick, assignors.)
Certified Burglar Alarm Systems, Inc. (See Schwartz, Gustaf, assignor.)
Chagnon, Frank P., and C. N. Snyder, Los Angeles, Calif. Bottle breaking apparatus. 117,060; Oct. 10.
Chalfin, Harry, New York, N. Y. Decorative nail. 116,218; Aug. 22.
Chalfin, Harry, New York, N. Y. Decorative nail. 117,421; Oct. 31.
Chalk, Benjamin, New York, N. Y. Coat. 114,611; May 2.
Chalk, Benjamin, New York, N. Y. Coat. 114,612; May 2.
Chalk, Benjamin, New York, N. Y. Coat. 115,358; June 20.
Chalk, Benjamin, New York, N. Y. Coat. 116,019; Aug. 8.
Chalk, Benjamin, New York, N. Y. Coat. 117,710; Nov. 21.
Chambart, Josephine, New York, N. Y. Dress. 117,215; Oct. 17.
Chambart, Josephine, New York, N. Y. Dress. 117,225; Oct. 17.
Chamberlain, Inc. (See Francis, John G., assignor.)
Chambers, Joseph A., Memphis, Tenn. Building. 116,219; Aug. 22.
Chance, Albert B., Centralia, Mo. Earth anchor. 116,995; Oct. 3.
Chandler, Homer P., Mansfield, Ohio. Rail bond terminal. 117,781; Nov. 28.
Chapman, David, Chicago, Ill., assignor to Knapp-Monarch Company, St. Louis, Mo. Dry shaver or similar article. 114,438; Apr. 25.
Chapman, David, Chicago, Ill. Fan support. 115,344; June 20.
Chappell, Martin L., Los Angeles, Calif. Toy airplane wheel. 113,528; Feb. 28.
Chappell, Warren, New York, N. Y., assignor to American Type Founders, Inc., Elizabeth, N. J. Font of type. 116,996; Oct. 3.
Chase Brass & Copper Co. (See von Nessen, Walter, assignor.)
Chase Brass & Copper Co. Incorporated. (See Cleary, Edward F., assignor.)
Chase Brass & Copper Co. Incorporated. (See Reichenbach, Howard F., assignor.)
Chase, Hamilton C., Sierra Madre, Calif., assignor to H. H. Peterson, Arlington, Va. Rotary floor treating machine. 116,220; Aug. 22.
Cheney Brothers. (See Szach, Marie A., assignor.)
Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monograms or similar articles. 113,903; Mar. 21.
Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monograms or similar articles. 113,904; Mar. 21.
Chernow, Michael, Brooklyn, N. Y. Alphabet for forming monograms or similar articles. 114,841; May 16.
Chernow, Michael, New York, N. Y. Alphabet for forming monograms or similar article. 116,361; Aug. 29.
Chernow, Michael, New York, N. Y. Alphabet for forming monograms or similar article. 116,362; Aug. 29.
Cherry-Burrell Corporation. (See Dalzell, Charles B., assignor.)
Cherry-Burrell Corporation. (See Lippold, Richard A., assignor.)
Cherry-Burrell Corporation. (See Neely, Raymond J., assignor.)
Cherry-Burrell Corporation. (See Trier, Carl L., assignor.)
Chesnut, William C., assignor to Hartman Trunk Company, Racine, Wis. Hand luggage case. 117,467; Nov. 7.
Chevalier, Georges, Vitry-sur-Seine, France, assignor to Guy T. Gibson, Inc., New York, N. Y. Bottle or similar article. 113,549; Feb. 28.
Chicago Electric Manufacturing Company. (See Gough, James J., assignor.)
Chicago Electric Manufacturing Company. (See Preston, Edward, assignor.)
Chicago Electric Manufacturing Company. (See Preston, Edward S., assignor.)
Chicago Electric Manufacturing Company. (See Renga, Fernando L., assignor.)
Chicago Flexible Shaft Company. (See Iannelli, Alfonso, assignor.)
Chicago Flexible Shaft Company. (See Scharfenberg, George T., assignor.)
Chicago Flexible Shaft Company. (See Wright, Horace C., assignor.)
Chicago Musical Instrument Company. (See Barber, Charles E., assignor.)
Chicago Thrift Company. (See Prince, Arthur C., assignor.)
Chorbajian, Joseph B., New York, N. Y. Bracelet or similar article. 114,206; Apr. 11.
Chott, Edward L., Chicago, Ill. Dental tool. 115,326; June 20.
Christen, Marcel, New York, N. Y. Textile fabric or similar article. 113,954; Mar. 21.

Christen, Marcel, assignor to Ciro Fabrics, Inc., New York, N. Y. Textile fabric or similar article. 116,104; Aug. 8.
Christensen, David J., Berkeley, Calif. Combined scale ejector and screw driver for drafting machines. 114,439; Apr. 25.
Christensen, Norman V., assignor to Union Special Machine Company, Chicago, Ill. Sewing machine. 118,208; Dec. 19.
Christensen, O. Neil, Oak Park, assignor to J. B. Whitted, Glencoe, Ill. Cigarette dispenser or the like. 115,781; July 18.
Christenson, Trace, Jr. (See Tefft, I. D., Christenson, and Hoople.)
Christian Brothers. (See Parker, Ovid S.)
Christoph, Charles A., Amarillo, Tex. Lamp. 114,695; May 9.
Chrysler Corporation. (See Cadwallader, Robert, assignor.)
Church of God, The. (See Tomlinson, Ambrose J., assignor.)
Ciccarelli, Ostilio, assignor to The E. Ingraham Company, Bristol, Conn. Clock case. 115,198; June 13.
Ciccone, Elizabeth M., New York, N. Y. Dress. 113,082; Jan. 24.
Ciccone, Elizabeth M., New York, N. Y. Dress ensemble. 113,801; Mar. 14.
Ciccone, Elizabeth M., New York, N. Y. Redingote. 113,905; Mar. 21.
Ciccone, Elizabeth M., New York, N. Y. Redingote. 114,807; May 16.
Cincinnati Milling Machine Co., The. (See Blood, L. H., and Nenninger, assignors.)
Cincinnati Milling Machine Co., The. (See Vancil, E. D., and Raehrs, assignors.)
Cincinnati Sheet Metal & Roofing Company, The. (See Olden, Harry L., assignor.)
Cincinnati Time Recorder Company, The. (See Faris, Joseph W., assignor.)
Cincinnati Time Recorder Company, The. (See Hand, Thomas L., assignor.)
Cincinnati Time Recorder Co., The. (See Streckfuss, Elmer G., assignor.)
Cippico Giuseppe, Rome, Italy, assignor to Zeus Corporation, New York, N. Y. Smoking pipe. 115,026; May 30.
Cippico, Giuseppe, Rome, Italy, assignor to Zeus Corporation, New York, N. Y. Smoking pipe. 117,391; Oct. 31.
Ciro Fabrics, Inc. (See Christen, Marcel, assignor.)
City Novelty Corporation. (See Mantz, Robert, assignor.)
City Novelty Corporation. (See Sheer, Harry, assignor.)
Clark Equipment Company. (See Burrows, R. J., and Williams, assignors.)
Clark Equipment Company. (See Dunham, Elmer J., assignor.)
Clark Equipment Company. (See Sundberg, C. W., and Ferar, assignors.)
Clark, Franklin, North Bergen, N. J., assignor to Duro-Test Corporation. Fluorescent tube unit. 113,034; Jan. 24.
Clark, Franklin, North Bergen, N. J., assignor to Duro-Test Corporation. Fluorescent tube unit. 113,058; Jan. 24.
Clark, Franklin, North Bergen, N. J., assignor to Duro-Test Corporation. Fluorescent tube unit. 113,550; Feb. 28.
Clark, Frederick J., assignor to Eastman Machine Company, Buffalo, N. Y. Portable electric cutting machine or similar article. 116,360; Aug. 29.
Clark, Lancaster P., Jr., Fairfield, Conn. Electrical plug. 117,216; Oct. 17.
Clark, Marvin A., Los Angeles, Calif. Combination radio lamp, log, and daily reminder or the like. 117,255; Oct. 24.
Clark, Verdrie F., New Albany, Ind., assignor to Peerless Manufacturing Corporation, Louisville, Ky. Stoker. 115,308; June 20.
Clark, W. L. M., Inc. (See Clark, William L. M., assignor.)
Clark, William L. M., assignor to W. L. M. Clark, Inc., St. Louis, Mo. Handbag. 113,486; Feb. 28.
Clarke, Lois, New York, N. Y. Plaque. 112,873; Jan. 10.
Clarkson, Alick, Bloomingdale Township, Du Page County, Ill. Portable steam cleaning apparatus. 115,185; June 6.
Clean Home Products, Incorporated. (See Keim, Melville, assignor.)
Cleary, Edward F., assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Shade for lighting fixtures. 116,943; Oct. 3.
Clemson Bros., Inc. (See Canfield, Richard W., assignor.)
Clerc, Leonard F., Chicago, Ill. Refrigerating display cabinet. 114,987; May 30.
Clerc, Leonard F., Chicago, Ill. Refrigerating display cabinet. 114,988; May 30.
Clerc, Leonard F., Chicago, Ill. Refrigerating display cabinet. 114,989; May 30.
Clerc, Leonard F., Chicago, Ill. Refrigerating display cabinet. 116,020; Aug. 8.
Clerc, Leonard F., Chicago, Ill. Refrigerating display cabinet. 116,021; Aug. 8.
Clerc, Leonard F., Chicago, Ill. Refrigerating display cabinet. 116,022; Aug. 8.

Cleveland Tractor Company, The. (See Heaslet, James G., assignor.)
Cleveland Welding Company, The. (See Uber, Harold R., assignor.)
Clinker, Lake E., Toledo, Ohio. Vehicle door handle. 114,012; Mar. 28.
Cloutier, Paul N., assignor to Faries Manufacturing Company, Decatur, Ill. Reading lamp. 113,106; Jan. 31.
Cloutier, Paul N., assignor to Faries Manufacturing Company, Decatur, Ill. Sun lamp. 115,329; June 20.
Coalport China Company (John Rose & Co.) Limited, The. (See Langford, Alfred, assignor.)
Cobb, Earle M., assignor to California Growers Wineries, Cutler, Calif. Bottle or similar article. 115,782; July 18.
Cobb, Earle M., assignor to California Growers Wineries, Cutler, Calif. Bottle or similar article. 118,299; Dec. 26.
Cobey, Ralph, assignor to The Perfection Steel Body Company, Galion, Ohio. Burial vault. 112,986; Jan. 24.
Cobey, Ralph, assignor to The Perfection Steel Body Company, Galion, Ohio. Burial vault. 112,987; Jan. 24.
Cochran, Gilsey M., Los Angeles, and J. Sokso, Southgate, Calif. Lip brush. 117,392; Oct. 31.
Codde, Bess B. (See Codde, Everett R. and B. B.)
Codde, Everett R. and B. B., Oakland, Calif. Direction signal. 112,833; Jan. 3.
Cohen, Arthur, New York, N. Y. Dress. 115,466; June 27.
Cohen, Arthur, New York, N. Y. Dress. 115,467; June 27.
Cohen, Arthur, New York, N. Y. Dress ensemble. 115,468; June 27.
Cohen, David C. (See Houle, Melvin C., assignor.)
Cohen, David C., et al. (See Houle, Melvin C., assignor.)
Cohen, David C., et al. (See Jurs, Ora, assignor.)
Cohen, David C. (See Trojan, Jose, assignor.)
Cohen, David C., et al. (See Trojan, José, assignor.)
Cohen, David I., Brooklyn, N. Y. Shoe. 114,785; May 16.
Cohen, Harry, New York, N. Y. Slip. 113,258; Feb. 7.
Cohen, Henry, New York, N. Y. Sweater. 114,751; May 16.
Cohen, Jacob, New York, N. Y. Jacket or similar article. 113,083; Jan. 24.
Cohen, Jacob, New York, N. Y. Dress. 118,223; Dec. 19.
Cohen, Joseph, New York, N. Y. Dress. 116,771; Sept. 19.
Cohen, Louis, New York, N. Y. Jacket. 115,584; July 4.
Cohen, Moe J., and A. Wirklich, New York, N. Y. Handbag. 115,063; May 30.
Cohen, Moe J., and A. Wirklich, New York, N. Y. Child's handbag. 115,541; July 4.
Cohen, Morris, assignor to Leading Perfumers & Chemists, Inc., New York, N. Y. Decorative paper. 116,873; Sept. 26.
Cohn, Adolph H., New York, N. Y. Perfume display stand. 113,621; Mar. 7.
Cohn, Alfred, Milwaukee, Wis. Combined hat and scarf. 115,228; June 13.
Cohn, Mark, New York, N. Y. Dress. 112,806; Jan. 3.
Cohn, Mark, New York, N. Y. Dress. 114,420; Apr. 18.
Cohn, Murray, Harrison, N. J. Shoe. 112,832; Jan. 3.
Cohn & Rosenberger, Inc. (See Katz, Adolph, assignor.)
Cohn & Rosenberger, Inc. (See Pauzat, Charles E., assignor.)
Cohn & Rosenberger, Inc. (See Rosenblatt, Henry, assignor.)
Cohn & Rosenberger Inc. (See Verrecchio, Gene, assignor.)
Cohn, William, Mount Vernon, N. Y. Jacket. 117,256; Oct. 24.
Colclough China Ltd. (See Perry, John H., assignor.)
Cole Hot Blast Mfg. Co. (See Reinecke, Jean O., assignor.)
Coleman Lamp & Stove Company. (See Olds, Ambrose D., assignor.)
Coleman Lamp and Stove Company, The. (See Olds, Ambrose D., assignor.)
Coleman, Samuel R. (See Vise, Boyce M., assignor.)
Coleman, Tora, New York, N. Y. Dress. 113,180; Jan. 31.
Coleman, Tora, New York, N. Y. Dress. 113,181; Jan. 31.
Coleman, Tora, New York, N. Y. Dress. 113,200; Jan. 31.
Coleman, Tora, New York, N. Y. Dress. 113,201; Jan. 31.
Coleman, Tora, New York, N. Y. Dress. 113,802; Mar. 14.
Coleman, Tora, New York, N. Y. Dress ensemble. 113,803; Mar. 14.
Coleman, Tora, New York, N. Y. Dress. 113,942; Mar. 21.
Coleman, Tora, New York, N. Y. Dress. 113,943; Mar. 21.
Coleman, Tora, New York, N. Y. Dress. 114,421; Apr. 18.
Coleman, Tora, New York, N. Y. Dress ensemble. 114,422; Apr. 18.
Coleman, Tora, New York, N. Y. Dress. 114,423; Apr. 18.
Coleman, Tora, New York, N. Y. Dress. 114,424; Apr. 18.

Coleman, Tora, New York, N. Y. Dress ensemble. 114,697; May 9.
Coleman, Tora, New York, N. Y. Dress ensemble. 115,263; June 13.
Colgate-Palmolive-Peet Company. (See Smith, Fulton W., assignor.)
Coll, Thomas H. (See Lingard, Harold A., assignor.)
Collins, Ashton B., Birmingham, Ala. Lamp. 113,704; Mar. 14.
Collins, Ashton B., Birmingham, Ala. Service bill blank. 115,977; Aug. 1.
Collins, Edward J., assignor to The Exhibit Supply Company, Chicago, Ill. Amusement machine cabinet. 113,218; Feb. 7.
Collins, Edward J., assignor to H. C. Evans & Co., Inc., Chicago, Ill. Cabinet for a miniature bowling game. 116,550; Sept. 12.
Collins, H. L., Sr. (See Uttz, William A., Sr., assignor.)
Colonial Mills, Inc. (See Hunziker, Hans, assignor.)
Colorado Iron Works Company. (See Bousman, Samuel I., assignor.)
Colt's Patent Fire Arms Manufacturing Company. (See Conner, Benjamin F., assignor.)
Colucci, Frank F., Philadelphia, Pa. Ash tray. 115,390; June 27.
Columbia Protektosite Co. (See Lux, Eugene J., assignor.)
Columbus Metal Products, Inc. (See Donley, Harold B., assignor.)
Colvin, Donald, San Francisco, Calif. Liquid dispenser cabinet. 113,378; Feb. 21.
Community Educational Clubs, Inc. (See Gast, George A., assignor.)
Compagnoni, Benjamin J. and V., Detroit, Michigan. Toy rocking horse. 118,035; Dec. 12.
Compagnoni, Victor. (See Compagnoni, Benjamin J. and V.)
Compton, Beaulard J., Oildale, assignor of fourteen per cent to H. M. Price, San Francisco; fourteen per cent to S. Besoyan, Delamo; fifteen per cent to R. B. Walker, two and one-half per cent to L. S. Hooper, and two and one-half per cent to A. Diel, Bakersfield, Calif. Steel house. 117,422; Oct. 31.
Compton, Horace N., Narberth, Pa. Shoe. 116,913; Oct. 3.
Conant, Roger, New York, N. Y., assignor to Pro-phy-lac-tic Brush Company, Northampton, Mass. Brush back or similar article. 115,783; July 18.
Conant, Roger, New York, N. Y., assignor to Pro-phy-lac-tic Brush Company, Northampton, Mass. Mirror back or similar article. 115,845; July 25.
Cone Automatic Machine Company, Inc. (See Miller, Carroll E., assignor.)
Conkling, Robert A., Jr., Olean, N. Y., assignor of one-half to K. D. Fobes, Hollywood, Calif. Table or similar article. 115,285; June 20.
Conley, Daniel J., Seattle, Wash. Statuette. 115,330; June 20.
Connecticut Web & Buckle Company, The. (See Oppenheim, Albert, assignor.)
Connelly, Eugene T., et al. (See Fowler, Le Ray, assignor.)
Conner, Benjamin F., West Hartford, assignor to Colt's Patent Fire Arms Manufacturing Company, Hartford, Conn. Powder box. 115,331; June 20.
Connor, James E., et al. (See Forman, Mark K., assignor.)
Connors, James J., assignor to The Charles Parker Company, Meriden, Conn. Bracket for bathroom fixtures. 114,696; May 9.
Connors, James J., assignor to The Charles Parker Company, Meriden, Conn. Vise. 117,448; Nov. 7.
Conroy, Edward J., New Haven, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 115,542; July 4.
Consolidated Brass Company. (See Leffler, Frank R., assignor.)
Consolidated Brass Company. (See Mosack, Clarence C., assignor.)
Consolidated Lamp & Glass Company. (See Hawe, William F. M., assignor.)
Consolidated Sewing Machine & Supply Co., Inc. (See Ingwer, Max, assignor.)
Consolidated Slipper Corporation. (See Macht, Jack, assignor.)
Constantine, George, Mattapan, Mass. Dress ensemble. 114,038; Mar. 28.
Constantine, George, Mattapan, Mass. Redingote. 114,425; Apr. 18.
Constantine, George, New York, N. Y. Dress. 117,010; Oct. 3.
Constantine, George, New York, N. Y. Dress. 117,021; Oct. 3.
Constantine, George, New York, N. Y. Dress. 118,340; Dec. 26.
Constantine, George, New York, N. Y. Dress. 118,341; Dec. 26.
Conterman, Fred A., assignor to Blackstone Manufacturing Company, Inc., Jamestown, N. Y. Agitator. 116,978; Oct. 3.
Conterman, Fred A., assignor to Blackstone Manufacturing Company, Inc., Jamestown, N. Y. Ironing machine. 117,091; Oct. 10.
Conterman, Fred A., assignor to Blackstone Manufacturing Company, Inc., Jamestown, N. Y. Combined drain board and drier cover. 117,628; Nov. 14.
Continental Elastic Corporation, The. (See Hansmann, Ernest, assignor.)
Continental Music Company. (See Soprani, Mario, assignor.)
Continental Shoe Corporation. (See Auerbach, Hyman, assignor.)
Conway, John J., and W. H. Fry, assignors to E. W. Carpenter Manufacturing Company, Bridgeport, Conn. Knife sharpener. 116,704; Sept. 19.
Conway, John J., and W. H. Fry, assignors to E. W. Carpenter Manufacturing Company, Bridgeport, Conn. Knife sharpener. 116,705; Sept. 19.
Cook, Carlton F. (See Gordon, D. J., and Cook.)
Cook, Edwin M., Sacramento, Calif. Knife pouch. 115,248; June 13.
Cook, Roland T., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 116,258; Aug. 22.
Cook, Roland T., assignor to American Optical Company, Southbridge, Mass. Ophthalmic mounting. 116,259; Aug. 22.
Cookware Company of America. (See Howlett, Lewis G., assignor.)
Cooper, David, Brooklyn, N. Y. Pin or similar article. 112,933; Jan. 17.
Cooper, David, Brooklyn, N. Y. Pin or similar article. 112,934; Jan. 17.
Cooper, David, Brooklyn, N. Y. Clip or similar article. 112,935; Jan. 17.
Cooper, David, Brooklyn, N. Y. Clip or similar article. 112,936; Jan. 17.
Cooper, David, Brooklyn, N. Y. Clip or similar article. 112,937; Jan. 17.
Cooper, David, Brooklyn, N. Y. Pin or similar article. 112,938; Jan. 17.
Cooper, David, Brooklyn, N. Y. Clip or similar article. 112,939; Jan. 17.
Cooper, David, Brooklyn, N. Y. Clip or similar article. 114,613; May 2.
Cooper, David, Brooklyn, N. Y. Pin or similar article. 115,907; Aug. 1.
Cooper, David, Brooklyn, N. Y. Pin or similar article. 115,908; Aug. 1.
Cooper, David, Brooklyn, N. Y. Clip or similar article. 115,909; Aug. 1.
Cooper, David, Brooklyn, N. Y. Clip or similar article. 115,910; Aug. 1.
Cooper, David, Brooklyn, N. Y. Clip or similar article. 115,911; Aug. 1.
Cooper, David, Brooklyn, N. Y. Clip or similar article. 115,912; Aug. 1.
Cooper, David, Brooklyn, N. Y. Pin or similar article. 115,950; Aug. 1.
Cooper, Samuel, New York, N. Y. Slipper. 114,440; Apr. 25.
Cooperative Crafts, Inc., et al. (See Crandall, Donald O., assignor.)
Corday, Paulette, New York, N. Y. Dress. 117,514; Nov. 7.
Corday, Paulette, New York, N. Y. Dress ensemble. 117,629; Nov. 14.
Cordley & Hayes. (See Self, Edgar A., assignor.)
Corduroy Rubber Company. (See Murphy, Roy C., assignor.)
Corey, Ross T., Richmond, Calif. Metal barrel. 114,207; Apr. 11.
Cornejo, Victor. (See Pavelka, J., Jr., and Cornejo.)
Cornell, Edward S., Jr., Larchmont, assignor, by mesne assignments, to American Radiator & Standard Sanitary Corporation, New York, N. Y. Valve for a hot water heating system. 115,543; July 4.
Corning Glass Works. (See Campbell, Thomas R., assignor.)
Corning Glass Works. (See Pascucci, Emilio, assignor.)
Coro-Gram Inc. (See Knight, Arthur E., Jr., assignor.)
Cory, Harvey, Chicago, Ill. Lower bowl for a coffee brewer. 113,731; Mar. 14.
Cory, Harvey, Chicago, Ill. Filter rod for a coffee brewer. 114,097; Apr. 4.
Cossin, George E., Detroit, Mich. Outside door handle. 112,807; Jan. 3.
Cossin, George E., Detroit, Mich. Outside door handle. 112,823; Jan. 3.
Costanza, Theresa, New York, N. Y. Dress. 117,411; Oct. 31.
Cotterman, Don R., assignor to Baldwin Rubber Company, Pontiac, Mich. Floor mat. 116,363; Aug. 29.
Coty, Inc. (See Botham, Arthur R., assignor.)
Coughlan, Gerald N., East Orange, N. J. Combined slicer and corer. 114,672; May 9.
Council, John M., Wananish, N. C. Hoe. 115,309; June 20.
Courtine, Rene, New York, N. Y. Handbag. 115,249; June 13.
Courvoisier, Guthrie. (See Justema, William, assignor.)
Cowen, Rawson R., Waban, assignor to H. H. Brown Shoe Company, Inc., Worcester, Mass. Shoe sole. 113,890; Mar. 21.
Cowins, Henry S., Englewood, N. J. Vegetable holder. 113,219; Feb. 7.
Cox, Anthony G., Honolulu, Hawaii. Body for stringed musical instruments. 114,129; Apr. 4.
Cox, John C., assignor to Wagner Electric Corporation, St. Louis, Mo. Fluid dispensing device. 116,794; Sept. 26.

Cox, Samuel F., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Swinging glass gate. 115,611; July 11.
Cox, Samuel F.,Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Swinging glass door. 115,612; July 11.
Cozzens, Charles O., assignor to American Optical Company, Southbridge, Mass. Spectacle frame. 117,769; Nov. 21.
Cragun, Merrill K. (See Bradley, G. H., Cragun, and Madden.)
Craig, George, Oklahoma City, Okla. Aeroplane. 117,341; Oct. 24.
Craighead, John R., Denver, Colo. Scarf holder. 115,613; July 11.
Cramer, Martha K., New York, N. Y. Textile fabric. 116,737; Sept. 19.
Cramer, Martha K., New York, N. Y. Textile fabric. 116,738; Sept. 19.
Crandall, Donald O., assignor of one-half to Cooperative Crafts, Inc., and one-half to E. N. Poehler, Minneapolis, Minn., doing business under name of The Guild. Table decoration or article of similar nature. 115,913; Aug. 1.
Crandall, Donald O., assignor of one-half to E. N. Poehler, Minneapolis, Minn., doing business under name of The Guild. Statuette. 115,914; Aug. 1.
Crane Co. (See Olson, Charles A., assignor.)
Crane Co. (See Reinecke, Jean O., assignor.)
Crane Co. (See Reinecke, J. O., Kovarik, and Zinkil, assignors.)
Crane Co. (See Sammons, Herbert F., assignor.)
Crane Co. (See Uphues, Frank P., assignor.)
Crane Co. (See Zinkil, R. H., and Fredrickson, assignors.)
Cravaritis, Andrew, assignor to National Silver Deposit Ware Co., Inc., New York, N. Y. Cocktail shaker. 114,673; May 9.
Craver, Bates B., Waterbury, Conn., assignor to United States Rubber Company, New York, N. Y. Overshoe. 113,964; Mar. 28.
Cressaty, George M., New York, N. Y. Illuminable vanity case or similar article. 113,035; Jan. 24.
Cressaty, George M., New York, N. Y. Illuminable vanity case or similar article. 114,698; May 9.
Cribben and Sexton Company. (See Miller, Herschel W., assignor.)
Criddle, Edward S., Franklin, Tenn. Range. 117,946; Dec. 5.
Crimmins, William C., assignor to Delta Electric Company, Marion Ind. Lamp. 116,730; Sept. 19.
Critchfield, Robert M., Anderson, and D. B. Roberts, Muncie, Ind., assignors to General Motors Corporation, Detroit, Mich. Storage battery case. 114,147; Apr. 4.
Croisier, Georges, Geneva, Switzerland. Wrist watch. 116,591; Sept. 12.
Croizat, Madeleine, New York, N. Y. Dress. 117,165; Oct. 17.
Croizat, Madeleine, New York, N. Y. Dress. 117,166; Oct. 17.
Croizat, Madeleine, New York, N. Y. Dress. 117,167; Oct. 17.
Croizat, Madeleine, New York, N. Y. Dress. 117,332; Oct. 24.
Croizat, Madeleine, New York, N. Y. Dress. 117,423; Oct. 31.
Croizat, Madeleine, New York, N. Y. Dress. 117,516; Nov. 7.
Croizat, Madeleine, New York, N. Y. Dress. 117,517; Nov. 7.
Croizat, Madeleine, New York, N. Y. Dress ensemble. 118,209; Dec. 19.
Croizat, Madeleine, New York, N. Y. Dress ensemble. 118,210; Dec. 19.
Croizat, Madeleine, New York, N. Y. Dress. 116,502; Sept. 5.
Croizat, Madeleine, New York, N. Y. Dress. 116,899; Sept. 26.
Croizat, Madeleine, New York, N. Y. Dress. 116,900; Sept. 26.
Cronkhite, Della F., Fort Wayne, Ind. Cap. 117,515; Nov. 7.
Crosby Steam Gage & Valve Company. (See Smith, Norman J., assignor.)
Crosley Corporation, The. (See Bill, George W., assignor.)
Crosley Corporation, The. (See Boyle, Homer G., assignor.)
Crosley Corporation, The. (See Gray, Walter P., assignor.)
Crosley Radio Corporation, The. (See Tyzzer, Howard J., assignor.)
Cross, Mark, Company. (See Murphy, Gerald, assignor.)
Cross, Thomas M., assignor to D. J. Saltman, Southgate, Calif. Divan. 113,832; Mar. 21.
Crossett, Sidney M. (See Rittenhouse, L., and Crossett.)
Crouse-Hinds Company. (See Hardage, Clarence A., assignor.)
Crouse-Hinds Company. (See Olley, Raymond H., assignor.)
Crowley, Daniel J., Grosse Pointe, Mich. Combined lamp and radio receiving set. 115,951; Aug. 1.
Crowley, Daniel J., Grosse Pointe, Mich. Combined lamp and radio receiving set. 115,952; Aug. 1.
Crowley, Daniel J., Grosse Pointe, Mich. Combined lamp and radio receiving set. 115,953; Aug. 1.
Crowley, Daniel J., Grosse Pointe, Mich. Combined lamp and radio receiving set. 115,954; Aug. 1.
Crowley, Daniel J., Grosse Pointe, Mich. Combined lamp and radio receiving set. 115,955; Aug. 1.
Crowley, Thomas C., Jackson Heights, Long Island, N. Y. Shoe sole whitening protector. 112,874; Jan. 10.
Crowley, Thomas C., Jackson Heights, N. Y. Key ring screw driver. 118,329; Dec. 26.
Crown Cork & Seal Company. (See Dennis, Stanley W., assignor.)
Crown Stove Works. (See Rogers, Walter F.)
Crumpton, John L., Durham, N. C. Finger ring. 115,250; June 13.
Crumrine, Chester W., assignor to Eastman Kodak Company, Rochester, N. Y. Camera. 113,220; Feb. 7.
Cruveilher, Louis, assignor to Gunthel & Cruveilher, New York, N. Y. Plate or the like. 114,173; Apr. 11.
Cruze, John. (See Hendricks, George P., assignor.)
Crystal, David, New York, N. Y. Dress. 115,359; June 20.
Crystal Manufacturing Co. (See Houle, Melvin C.)
Crystal Manufacturing Co. (See Houle, Melvin C., assignor.)
Crystal Manufacturing Co. (See Jurs, Ora.)
Crystal Manufacturing Co. (See Trojan, José.)
Cullen, Harry W., et al. (See Schmidt, Richard E., assignor.)
Culver, Edwin R., Jr., St. Louis, Mo. Warming closet for ranges. 113,360; Feb. 14.
Culver, Edwin R., Jr., St. Louis, Mo. Range. 113,551; Feb. 28.
Culver, Fred R., Wilson, N. Y. Suspenders. 113,221; Feb. 7.
Cumfer, Donald A., Ridgewood, N. J., assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Table. 116,551; Sept. 12.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,853; Jan. 10.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,854; Jan. 10.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,855; Jan. 10.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,856; Jan. 10.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,857; Jan. 10.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,858; Jan. 10.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,859; Jan. 10.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,860; Jan. 10.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,861; Jan. 10.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,862; Jan. 10.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 112,863; Jan. 10.
Cunningham, Andrew J., Synder, N. Y. Goblet or similar article. 112,988; Jan. 24.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 113,131; Jan. 31.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,731; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,732; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,733; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,734; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,735; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,736; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,737; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,738; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,739; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,740; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,741; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,742; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,743; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,744; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,745; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,746; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,747; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,748; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,749; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,750; July 18.

Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,751; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,752; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,753; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,754; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,755; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,756; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,757; July 18.
Cunningham, Andrew J., Snyder, N. Y. Goblet or similar article. 115,758; July 18.
Curtis Companies Incorporated. (See Baum, Dwight J., assignor.)
Curtis, Franklin E., Willoughby, assignor to Addressograph-Multigraph Corporation, Cleveland, Ohio. Printing machine. 114,842; May 16.
Curtis, Thomas S., La Canada, Calif. Color camera. 115,165; June 6.
Curtiss, George E., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Outside door hande or similar article for an automotive vehicle. 115,667; July 11.
Curtiss-Wright Corporation (St. Louis Div.). (See Forster, W. J., and Loewy, assignors.)
Cutler, Adelbert C., Braintree, assignor to Alfred Hale Rubber Company, Quincy, Mass. Combined sole and heel. 114,786; May 16.
Cutler, Elizabeth, New York, N. Y. Dress. 116,113; Aug. 8.
Cutter, Harriet R., New York, N. Y. Combined holder and plant pot. 117,348; Oct. 31.
Cuyahoga Furniture and Lamp Company. (See Kraft, Max E., assignor.)
Cypress Novelty Corporation (See Wagner, Nicholas W., assignor.)
D'Addario, Thomas, Long Island City, N. Y., assignor to N. H., J., and J. Darsky and C. Lockshin, Youngstown, Ohio. Bottle. 115,155; June 6.
D'Addario, Thomas D., New York, N. Y., assignor to Nehi Corporation, Columbus, Ga. Bottle. 117,610; Nov. 14.
Dahlgren, Einar W., Sycamore, Ill. Drawer handle or similar article. 118,110; Dec. 19.
Dahlstrom, John A., Bay Village, assignor to Perfection Stove Company, Cleveland, Ohio. Heating stove. 116,795; Sept. 26.
Dale, Frank L., assignor to Mechanical Man, Inc., New York, N. Y. Automaton advertising and merchandising device. 114,919; May 23.
Dale, Frank L., assignor to Mechanical Man, Inc., New York, N. Y. Automaton advertising and merchandising device. 116,552; Sept. 12.
Dalton, Philip P., Tampa, Fla. Fishing bait. 116,678; Sept. 19.
Daly, John J., et al. (See Fowler, Le Ray, assignor.)
Dalynip Pourer Corporation. (See Hoeter, Frederick W.)
Dalzell, Charles B., Little Falls, N. Y., assignor to Cherry-Burrell Corporation, Wilmington, Del. Heat exchanger. 113,654; Mar. 7.
Dalzell, Charles B., Little Falls, N. Y., assignor to Cherry-Burrell Corporation, Wilmington, Del. Plate for heat exchanger. 115,441; June 27.
D'Amaro, John, assignor to J. Bennett Inc., Brooklyn, N. Y. Ash receiver. 114,013; Mar. 28.
Danescu, Anna, Detroit, Mich. Toy. 114,699; May 9.
Daniels, Charles E., Los Angeles, Calif. Pants hanger. 115,915; Aug. 1.
Daniels, Charles E., Los Angeles, Calif. Tie rack. 118,111; Dec. 19.
Dannecker, Rudolph, Beacon, N. Y. Lace. 117,033; Oct. 10.
Dannecker, Rudolph, Beacon, N. Y. Lace. 117,034; Oct. 10.
Dannecker, Rudolph, Beacon, N. Y. Lace. 117,035; Oct. 10.
Dannell, Arthur G., Flushing, N. Y. Icon projector or similar article. 116,132; Aug. 15.
Dansk, Simon, Santa Monica, Calif. Electric facial mask. 113,926; Mar. 21.
Darby, Wade H., McDowell, Va. Wall plaque. 117,804; Nov. 28.
Darcey, Raymond B., Woonsocket, R. I. Combined sachet and support or similar article. 116,815; Sept. 26.
Da Ros, Emil D., New York, N. Y. Bicycle frame. 112,875; Jan. 10.
Darsky, Joe, et al. (See D'Addario, Thomas, assignor.)
Darsky, Julius, et al. (See D'Addario, Thomas, assignor.)
Darsky, N. H., et al. (See D'Addario, Thomas, assignor.)
Darvie, Bernard, New York, N. Y. Initial indicating brooch. 117,257; Oct. 24.
Davenport, Lloyd J., Kearny, N. J., assignor to P. E. Flato, New York, N. Y. Vanity case or similar article. 114,058; Apr. 4.
Davenport, Lloyd J., Kearny, N. J., assignor to P. E. Flato, New York, N. Y. Watch casing or similar article. 115,759; July 18.
Davenport, Talmon A. (See Eksergian, C. L., and Davenport.)
Davenport, Vernon A., Seattle, Wash. Card-table cover. 113,927; Mar. 21.
Davis, Charles R., Rochester, N. Y. Combined desk and safe or similar article. 117,349; Oct. 31.
Davis, Cortland W., Alexandria, Ind. Combined cooking and heating stove or similar article. 114,059; Apr. 4.
Davis, Herschel S., Little Rock, Ark. Sandal or similar article. 115,027; May 30.
Davis, Herschel S., Little Rock, Ark. Sandal or similar article. 115,028; May 30.
Davis, John M., Los Angeles, Calif. Venetian blind pin hanger. 117,350; Oct. 31.
Davis, Joseph, Arlington, N. J. Teething ring or similar article. 113,655; Mar. 7.
Davis, Joseph, Arlington, N. J. Combined toilet comb and brush. 115,687; July 11.
Davis, Julius, New York, N. Y. Quilt. 115,688; July 11.
Davol Rubber Company. (See Auzin, John M., assignor.)
Dawer, Sigmund, New York, N. Y. Handbag. 117,947; Dec. 5.
Day, Wilbur M., Norwood, assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 113,379; Feb. 21.
Day, Wilbur M., Norwood, assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 113,833; Mar. 21.
Day, Wilbur M., Norwood, assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 113,834; Mar. 21.
Day, Wilbur M., Norwood, assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 113,835; Mar. 21.
Day, Wilbur M., Norwood, assignor to The Baldwin Company, Cincinnati, Ohio. Piano case. 115,513; July 4.
Dayes, Frederick E., Philadelphia, Pa., assignor to American Car and Foundry Company, New York, N. Y. Motor vehicle. 116,655; Sept. 12.
Dayton Pump & Mfg. Company, The. (See Eickmeyer, E. E., Butler, and Rothermel, assignors.)
Dazey Churn & Manufacturing Company. (See Moeller, George J., assignor.)
Dazey Churn & Manufacturing Company. (See Reinecke, Jean O., assignor.)
Dean, Arthur F., Winnotka, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricant dispensing apparatus. 115,646; July 11.
Dean, Arthur F., Winnetka, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricant dispensing apparatus. 117,782; Nov. 28.
Dean, Arthur F., Winnetka, assignor to Stewart-Warner Corporation, Chicago, Ill. Lubricant dispensing apparatus. 117,783; Nov. 28.
Dean, Frank, San Jose, Calif. Boot-spur body. 118,278; Dec. 26.
Dean, John R., Buffalo, N .Y. Jewelry box. 113,928; Mar. 21.
Dearborn Stove Company. (See Becker, Aloysius W., assignor.)
Dearling, Harry, assignor to Metalfield Incorporated, New York, N. Y. Combined salt shaker, pepper shaker and stand therefor. 116,260; Aug. 22.
Deas, William L., Kendall, Fla. Game board. 118,036; Dec. 12.
De Caracena, Ray K., Bronx, N. Y. Brooch pin or similar article. 117,393; Oct. 31.
Dechau, Otto W., assignor to Art-Craft Optical Company, Inc., Rochester, N. Y. Lens strap. 116,592; Sept. 12.
Decker, Louise, New York, N. Y. Dress. 113,452; Feb. 21.
Decsman, John, Los Angeles, Calif. Nutcracker or the like. 117,726; Nov. 21.
Dedouch, Joseph A., Oak Park, Ill. Picture frame. 116,490; Sept. 5.
Dedouch, Joseph A., Oak Park, Ill. Picture frame. 116,491; Sept. 5.
Dedouch, Joseph A., Oak Park, Ill. Cover for picture frame. 116,492; Sept. 5.
Deere, John, Tractor Company. (See Dreyfuss, Henry, assignor.)
De Filippis, Carmelena, New York, N. Y. Skin treating device. 113,159; Jan. 31.
De Frehn, Charles. (See O'Brien, George R., assignor.)
Defren, Irving, Brooklyn, N. Y. Statuette or similar article. 114,890; May 23.
Defren, Irving, Brooklyn, N. Y. Desk ornament or the like. 115,251; June 13.
Defren, Irving, Brooklyn, N. Y. Mantlepiece-ornament or similar article. 115,846; July 25.
Defren, Irving, Brooklyn, N. Y. Mantlepiece-ornament or similar article. 115,847; July 25.
De Gerard, Arthur, New York, N. Y. Textile fabric. 113,132; Jan. 31.
Degnon, Julia S., New York, N. Y. Hat. 114,614; May 2.
Degnon, Julia S., New York, N. Y. Hat. 117,004; Oct. 3.
Deisenroth, Carl A. (See Bennett, G. O., and Deisenroth.)
Dekama, Armand A. (See Eliot, Don, assignor.)
Delamere Company. (See Adelstein, Eddie, assignor.)
Delaney, William J., et al. (See Booharin, Leo Y., assignor.)
De La Salle Institute. (See Parker, Ovid S., assignor.)
De Laurentis, Anthony, Chicago, Ill. Stick for frozen confectionery. 114,752; May 16.
Deli, Frank C., E. Petau, and G. W. Tammen, assignors to Autopoint Company, Chicago, Ill. Pencil. 114,529; May 2.
Deli, Frank C., E. Petau, and G. W. Tammen, assignors to Autopoint Company, Chicago, Ill. Pencil. 114,530; May 2.
Deli, Frank C., and E. Petau, assignors to Autopoint Company, Chicago, Ill. Pen and pencil clip. 115,544; July 4.

D'Elia, Joseph A., Bridgeport, Conn. Oil burner. 116,160; Aug. 15.
D'Elia, Joseph A., Bridgeport, Conn. Oil burner. 118,070; Dec. 12.
De Lisle, Jean, Torrington, Conn. Virgin shrine altar. 116,133; Aug. 15.
De Liso, Vincent, Astoria, Long Island, N. Y. Shoe or similar article. 114,318; Apr. 18.
Dellinger, Martin C., assignor to K-D Manufacturing Company, Lancaster, Pa. Letter opener. 115,310; June 20.
Delman, Herman B., New York, N. Y. Shoe. 114,633; May 9.
Delman, Max, New York, N. Y. Slipper. 114,787; May 16.
Delta Electric Company. (See Crimmins, William C., assignor.)
Delta Manufacturing Company. (See Tautz, Herbert E., assignor.)
De Masters, James S., and J. W. Keyes, Kansas City, Mo. Electric heater. 115,100; June 6.
De Mellier, George P. (See Link, M. P., de Mellier, and Tillinghast.)
Demick, Kenneth C., Boston, Mass., assignor to The B. F. Goodrich Company, New York, N. Y. Heel. 114,634; May 9.
Deming, Frederick G., assignor to Hickok Manufacturing Company, Rochester, N. Y. Garment clasp. 114,441; Apr. 25.
De Nero, John, Jackson Heights, assignor to Schenley Distillers Corporation, New York, N. Y. Bottle. 113,133; Jan. 31.
De Nero, John, Jackson Heights, assignor to Schenley Distillers Corporation, New York, N. Y. Bottle. 113,134; Jan. 31.
Dennis, Stanley W., assignor to Crown Cork & Seal Company, Inc., Baltimore, Md. Bottle. 115,956; Aug. 1.
Dentists' Supply Company of New York, The. (See Lays, Albert F., assignor.)
Dentz, Thomas J., New York, assignor to Janssen Piano Co., Inc., Brooklyn, N. Y. Piano case. 113,891; Mar. 21.
Dentz, Thomas J., New York, assignor to Janssen Piano Co., Inc., Brooklyn, N. Y. Piano case. 114,098; Apr. 4.
De Pasquale, Sabina, New York, N. Y. Dress. 115,280; June 13.
De Pasquale, Sabina, New York, N. Y. Dress. 115,281; June 13.
De Pasquale, Sabina, New York, N. Y. Dress ensemble. 116,757; Sept. 19.
Deravin, Cleophas A., New York, N. Y. Restaurant booth unit. 115,144; June 6.
Derby Sportswear, Inc. (See Elowsky, Louis, assignor.)
Derman, Harry, Laurelton, Long Island, N. Y. Closet. 113,622; Mar. 7.
Derr, Clyde, Allentown, Pa., assignor to Volupte, Inc., Elizabeth, N. J. Vanity case or similar article. 117,226; Oct. 17.
Derwin, Alan A., New York, N. Y. Dress. 113,182; Jan. 31.
De Seversky, Alexander P., Asharoken Beach, Northport, N. Y., assignor to Seversky Aircraft Corporation. Airplane. 112,834; Jan. 3.
Desimone, Anthony J., Lyndhurst, assignor to Bright Star Battery Company, Clifton, N. J. Flashlight. 113,864; Mar. 21.
Deskey, Donald, New York, N. Y., assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Billiard table. 115,647; July 11.
Deskey, Donald, assignor to The Federal Glass Company, New York, N. Y. Glass relish dish or article of similar nature. 117,740; Nov. 21.
De Smet, Edgard C., assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Automobile. 117,493; Nov. 7.
Deters, Elmer M., assignor to Red Jacket Manufacturing Company, Davenport, Iowa. Pump. 115,814; July 18.
Detroit Macoid Corporation. (See Gould, Jacob E., assignor.)
Detroit Trust Company et al., executors. (See Trabold, Frank W.)
Detrola Corporation. (See Walker, George W., assignor.)
Devereux, Burton W., Pueblo, Colo. Ice cream cone. 117,449; Nov. 7.
De Vilbiss Company, The. (See Roselund, Harold A., assignor.)
De Vilbiss Company, The. (See Vuillemenot, Frederic A., assignor.)
Devoe & Raynolds Co. (See Kenway, Ivor, assignor.)
De Wilde, Waldo, Pendleton, Oreg. Premium slip container. 113,418; Feb. 21.
De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Shoe form or similar article. 114,990; May 30.
De Witt, William J., assignor to Shoe Form Co., Inc., Auburn, N. Y. Fly box. 115,545; July 4.
Dexter, Hildreth L., assignor to R. H. Macy & Co., Inc., New York, N. Y. Lipstick case. 114,442; Apr. 25.
Dey, John B., assignor to Allen-Morrison Sign Co., Inc., Lynchburg Va. Frame for a display board or the like. 116,134; Aug. 15.
Deynzer, John G., Chicago, Ill. Double paper plate casing. 115,876; July 25.
Dialite Company, The. (See Swalley, W. C., and Lichtinger, assignors.)
Diamond, Leon W., Cleveland Heights, assignor to Neo-Lite Corporation, Cleveland, Ohio. Combined sign and display device. 117,662; Nov. 21.
Dibelka, Henry G., assignor to Auto Radiator Manufacturing Co., Chicago, Ill. Direction signal switch. 113,453; Feb. 21.
Dibelka, Henry G., assignor to Auto Radiator Manufacturing Co., Chicago, Ill. Direction signal. 113,706; Mar. 14.
Dibelka, Henry G., assignor to Auto Radiator Manufacturing Co., Chicago, Ill. Direction signal. 113,707; Mar. 14.
Dick, Delbert A., assignor to Phillips Products Company, Portland, Oreg. Meat hook. 116,816; Sept. 26.
Dick, Katharine M., Clayton, Mo. Necklace. 114,516; Apr. 25.
Dick, Samuel H., New York, N. Y. Coat. 113,487; Feb. 28.
Dick, Samuel H., New York, N. Y. Coat. 113,529; Feb. 28.
Dick, Samuel H., New York, N. Y. Coat. 113,656; Mar. 7.
Dick, Samuel H., New York, N. Y. Coat. 114,319; Apr. 18.
Dickey, Amy B., Adaza, Iowa. Reversible front uniform dress. 113,552; Feb. 28.
Dictaphone Corporation. (See Patten, Ray, assignor.)
Dictaphone Corporation. (See Patten, R. and Briggs, assignors.)
Dicus, Charles M., Waynesville, N. C. Poker chip tray. 113,324; Feb. 14.
Diel, Albert, et al. (See Compton, Beaulard J., assignor.)
Dieterich, Frederick A., Maplewood, N. J., assignor to Universal Chain Co. Inc. Chain. 116,839; Sept. 26.
Dietz, Ida, Brooklyn, N. Y. Drawers or similar article. 116,817; Sept. 26.
Dillingham, Vachel S. (See Goodman, H., and Dillingham.)
Dillon, David, New York, N. Y. Combined radio cabinet and bookcase. 115,145; June 6.
Dillon, David, New York, N. Y. Combined radio cabinet and stand. 115,199; June 13.
Dillon, David, New York, N. Y. Combined radio cabinet, utility cabinet and book case. 115,345; June 20.
Dillon, David, New York, N. Y. Console bar cellarette. 115,957; Aug. 1.
Dillon, David, New York, N. Y. Console bar cellarette. 116,281; Aug. 22.
Dillon, David, New York, N. Y. Bridge chair. 116,282; Aug. 22.
Dillon, David, New York, N. Y. Combined radio cabinet and collapsible support therefor. 118,106; Dec. 12.
Dinkelspiel, Lawrence, West New York, N. J. Printed tablecloth or similar article. 114,130; Apr. 4.
Dinsmore, John C. (See Horton, C. A., and Dinsmore.)
Diodati, Amedeo, assignor to Marine Optical Mfg. Co., Roslindale, Mass. Sunglasses. 112,989; Jan. 24.
Dispatch Shops, Inc. (See Steuber, George A., assignor.)
Display Center. (See Brotzman, W. F., and Statter, assignors.)
Di Pretore, Thomas, New York, N. Y. Coat. 113,488; Feb. 28.
Di Simone, Anthony, Corona, N. Y. Display table. 113,380; Feb. 21.
Di Simone, Anthony, Corona, N. Y. Display table. 113,705; Mar. 14.
Ditto, Incorporated. (See Kropp, Willis A., assignor.)
Dixie Foundry Company. (See Lehman, Max R., assignor.)
Dixon, Albert W., Sarasota, Fla. Oyster plate. 113,836; Mar. 21.
Doane, Leroy C., Meriden, assignor to The Sight Light Corporation, Essex, Conn. Luminaire. 113,837; Mar. 21.
Dobrusin, George, Chicago, Ill. Field glass. 117,169; Oct. 17.
Doddridge, J. M., & Sons Co., The. (See Baker, John, assignor.)
Dodge, Howard M., Wabash, Ind., and H. T. Kraft, assignors to The General Tire & Rubber Company, Akron, Ohio. Combined mask and respirator. 116,023; Aug. 8. marker and fountain pen or similar article. 115,916; Aug. 1.
Doehler Die Casting Co. (See Kobza, Andrew V., assignor.)
Doering, Charles, assignor of one-half to H. H. Doering, Chicago, Ill. Package wrapper. 118,342; Dec. 26.
Doering, Henry H. (See Doering, Charles, assignor.)
Doft, Max, Lawrence, N. Y., assignor to Princeton Knitting Mills, Incorporated. Textile fabric or similar article. 112,824; Jan. 3.
Dognin, Jean, New York, N. Y. Lace. 112,899; Jan. 10.
Dolan & Bullock Company. (See Bullock, Frederick A., assignor.)
Dolgorukov, Gregory S., Detroit, Mich. Ashtray or similar article. 112,808; Jan. 3.
Dolive, George C., Winter Park, Fla. Artificial bait. 115,101; June 6.
Domen, Achille, Roubaix, France. Textile fabric or similar article. 118,037; Dec. 12.
Donahoe, Martin H., Jr., West Conshohocken, Pa. Flask. 116,944; Oct. 3.
Donato, Giuseppe, Philadelphia, Pa. Combined check
Dondo, Carina, New York, N. Y. Textile fabric or similar article. 113,135; Jan. 31.

Dondo, Carina, New York, N. Y. Textile fabric or similar article. 114,740; May 9.
Donley, Harold B., assignor to Columbus Metal Products, Inc., Columbus, Ohio. Lamp mounting bracket or similar article. 114,855; May 16.
Donner, Abraham, St. Albans, N. Y. Shirt collar display support. 113,381; Feb. 21.
Donovan, Jacqueline, New York, N. Y. Transparent shoe cover. 117,168; Oct. 17.
Doppelt, Charles, Chicago, Ill. Bag for toilet articles. 117,558; Nov. 14.
Dopyera, Rudolph, Los Angeles, Calif. Book end. 114,871; May 16.
Dorée, Silvia, New York, N. Y. Shoe or similar article. 114,261; Apr. 11.
Dorée, Silvia, New York, N. Y. Shoe or similar article 115,200; June 13.
Dorée, Silvia, New York, N. Y. Shoe or similar article. 115,201; June 13.
Dorfman, Claire, Brooklyn, N. Y. Cosmetic display stand. 115,689; July 11.
Dormeyer, A. F., Mfg. Co. (See Strauss, Hermann M. A., assignor.)
Doty, Edward J., assignor to Polan, Katz & Company, Baltimore, Md. Umbrella. 117,663; Nov. 21.
Douglass, Eldridge A., San Francisco, Calif. Knife for use in retrieving fishing flies. 112,876; Jan. 10.
Dover, Pierre F., Rye, assignor to H. L. Judd Company, Inc., New York, N. Y. Cup hook. 112,772; Jan. 3.
Dowd, Bernard J., and H. J. Hart, West Hartford, Conn., assignors to Royal Typewriter Company, Inc., New York, N. Y. Mask for a typewriting machine. 113,892; Mar. 21.
Dowd, Thomas, New York, N. Y. Writing guide. 116,928; Oct. 3.
Dowden, James B., assignor to Weston Electrical Instrument Corporation, Newark, N. J. Thermometer. 117,258; Oct. 24.
Dowling, William P., Savannah, Ga. Frame for electric sifters. 114,443; Apr. 25.
Downs, William T., assignor to Evans Products Company, Detroit, Mich. Automobile hood. 117,342; Oct. 24.
Draddy, Vincent D., New York, N. Y. Dress. 115,989; Aug. 1.
Drake, Frank B., assignor to Johnson Gear & Manufacturing Co., Ltd., Berkeley, Calif. Gear drive housing. 116,553; Sept. 12.
Drake, Frank B., assignor to Johnson Gear & Manufacturing Co., Ltd., Berkeley, Calif. Gear drive housing. 116,554; Sept. 12.
Dreher, Stanley C., assignor to Reliance Art Metal Inc., Cincinnati, Ohio. Combined grave marker and urn. 116,818; Sept. 26.
Dreyfuss, Henry, New York, N. Y., assignor to John Deere Tractor Company, Waterloo, Iowa. Combined tractor radiator cover and hood. 112,900; Jan. 10.
Dreyfuss, Henry, assignor to General Time Instruments Corporation, New York, N. Y. Clock casing. 114,262; Apr. 11.
Dreyfuss, Henry, assignor to Royal Typewriter Company, Inc., New York, N. Y. Typewriting machine. 114,517; Apr. 25.
Dreyfuss, Henry, New York, N. Y., assignor to John Deere Tractor Company, Waterloo, Iowa. Combined tractor radiator cover and hood. 114,635; May 9.
Dreyfuss, Henry, New York, N. Y., assignor to The Hoover Company, North Canton, Ohio. Casing for suction cleaners or similar articles. 115,286; June 20.
Dreyfuss, Henry, assignor to The New York Central Railroad Company, New York, N. Y. Locomotive. 116,180; Aug. 15.
Dreyfuss, Henry, New York, N. Y., assignor to The Hoover Company, North Canton, Ohio. Casing for suction cleaners or similar articles. 116,221; Aug. 22.
Dreyfuss, Henry, New York, N. Y., assignor to The Washburn Company, Worcester, Mass. Handle. 116,555; Sept. 12.
Dreyfuss, Henry, New York, N. Y., assignor to The Hoover Company, North Canton, Ohio. Casing for suction cleaners or similar articles. 117,394; Oct. 31.
Driggs, Louis L., Jr., Tipp City, Ohio. Gyro flyer. 116,819; Sept. 26.
Druckenmiller, Joseph E., Ardsley, assignor to Frank C. Snedaker & Co., Inc., Philadelphia, Pa. Doorframe. 117,805; Nov. 28.
Druckenmiller, Joseph E., Ardsley, assignor to Frank C. Snedaker & Co., Inc., Philadelphia, Pa. Doorframe. 117,806; Nov. 28.
Drury, Sydney W., Trail, British Columbia, Canada. Electric stove. 117,559; Nov. 14.
Dubbles, Grace M. H., Lincoln, Nebr. Toy. 117,784; Nov. 28.
Du Bow, Nathan, New York, N. Y. Hat. 115,486; June 27.
Duchess Fabrics, Inc. (See Barr, Harry, assignor.)
Dufault, Homer D., Easthampton, Mass. Casing for heater or the like. 116,796; Sept. 26.
Duit, Albert H., Los Angeles, Calif. Swing. 114,991; May 30.
Du-La Manufacturing Company. (See Hettinger, George, assignor.)
Du Mais, Leo J., Chicago, Ill. Animal blanket. 113,489; Feb. 28.
Dunberg, David W., New York, N. Y. Novelty miniature bar. 116,459; Sept. 5.
Duncan & Miller Glass Company. (See May, Robert A., assignor.)
Duncan, Theodore R., Los Angeles, Calif. Animal figure. 115,311; June 20.
Dunham, Elmer J., Battle Creek, assignor to Clark Equipment Company, Buchanan, Mich. Industrial truck. 113,259; Feb. 7.
Dunlop Tire and Rubber Corporation. (See Hardeman, William E., assignor.)
Dunlop Tire and Rubber Corporation. (See King, F. G. W., and Lambourn, assignors.)
Dunlop Tire and Rubber Corporation. (See Lambourn, Leonard J., assignor.)
Dunn, William L., and R. C. Marholz, assignors to Belmont Radio Corporation, Chicago, Ill. Finger operated member for control apparatus. 112,901; Jan. 10.
Dunner, Max, Brooklyn, assignor to W. Finkelstein, doing business as Eastern Trading Company, New York, N. Y. Comb. 113,657; Mar. 7.
Dunnock, John L., assignor to Swindell Brothers, Incorporated, Baltimore, Md. Bottle. 114,208; Apr. 11.
Dunnock, John L., assignor to Swindell Brothers, Incorporated, Baltimore, Md. Bottle. 114,363; Apr. 18.
Dunnock, John L., assignor to Swindell Brothers, Incorporated, Baltimore, Md. Bottle. 115,784; July 18.
Dunnock, John L., assignor to Swindell Brothers, Incorporated, Baltimore, Md. Bottle. 116,556; Sept. 12.
Dunnock, John L., assignor to Swindell Brothers, Incorporated, Baltimore, Md. Bottle. 117,259; Oct. 24.
Dunton, Marjorie, New York, N. Y. Glove. 114,014; Mar. 28.
Dunton, Marjorie, New York, N. Y. Glove. 114,392; Apr. 18.
Dunton, Marjorie, New York, N. Y. Combination glove and handbag. 117,770; Nov. 21.
Du Pont, E. I., de Nemours & Company. (See Billings, Robert T., assignor.)
Du Pont, E. I., de Nemours & Company. (See Kahn, Julius, assignor.)
Du Pont, E. I., de Nemours & Company. (See Kahn, Lester, assignor.)
Du Pont, E. I., de Nemours & Company. (See Quint, Bertram M., assignor.)
Du Pont, E. I., de Nemours & Company. (See Tyson, Edmund H., assignor.)
Durant Manufacturing Company. (See Stevens, Clifford B., assignor.)
Duro Metal Products Company. (See Hedgpeth, Theron L., assignor.)
Duro-Test Corporation. (See Babb, Maynard A., assignor.)
Duro-Test Corporation. (See Bilofsky, Maxwell M., assignor.)
Duro-Test Corporation. (See Clark, Franklin, assignor.)
Duro-Test Corporation. (See Spielholz, Emanuel, assignor.)
Dyke, Herbert G., New York, N. Y. Ashtray, or similar article. 114,920; May 23.
E. A. Laboratories, Inc. (See Aufiero, John M., assignor.)
E. A. Laboratories, Inc. (See Carbonaro, Gaetano, assignor.)
E. A. Laboratories, Inc. (See Meyerhoefer, Carl E., assignor.)
Eagle Knitting Mills, Inc. (See Wengen, Frank J., assignor.)
Eagle Pencil Company. (See Shannon, David B., assignor.)
Eagle Pleating & Stitching Co. Inc. (See Graff, Solomon, assignor.)
Earle, Guyon L. C., Forest Hills, N. Y. Combined stove, refrigerator, sink and cabinet. 115,391; June 27.
Earle, Guyon L. C., Forest Hills, N. Y. Combined stove, sink and cabinet. 115,392; June 27.
Earle, Guyon L. C., Forest Hills, N. Y. Combined refrigerator, sink and cabinet. 115,393; June 27.
Earle Hardware Manufacturing Co. (See Heizmann, Charles L., assignor.)
Eastern Trading Company. (See Dunner, Max.)
Eastley, Mona V., assignor to C. A. Mureau, Los Angeles, Calif. Combined cosmetic container and applicator. 117,092; Oct. 10.
Eastman Kodak Company. (See Crumrine, Chester W., assignor.)
Eastman Kodak Company. (See Gillon, John W., assignor.)
Eastman Kodak Company. (See Hood, Henry J., assignor.)
Eastman Kodak Company. (See Hopkins, Roy S., assignor.)
Eastman Kodak Company. (See Nelson, John B., assignor.)
Eastman Kodak Company. (See Teague, Walter D., assignor.)
Eastman Machine Company. (See Clark, Frederick J., assignor.)
Easy Washing Machine Corporation. (See Haven, Kent C., assignor.)
Easy Washing Machine Corporation. (See Litle, Thomas J., Jr., assignor.)
Ebco Manufacturing Co., The. (See Love, Lee C., assignor.)
Ebling, Paul, assignor to The Showerway Company, Minneapolis, Minn. Lavatory unit. 115,614; July 11.
Eckberg, Gwendolyn, Executrix. (See Eckberg, Ralph E.)

Eckberg, Ralph E., deceased; G. Eckberg, Seattle, Wash., executrix. Merchandise display cabinet. 118,071; Dec. 12.
Eckles, Charles E., Washington, D. C. Ashtray or similar article. 118,300; Dec. 26.
Eckman, Martin J., Jamestown, N. Y. Cushion or similar article. 114,973; May 23.
Eckman, Meril L., assignor to The American Coach & Body Company, Cleveland, Ohio. Motor vehicle. 113,345; Feb. 14.
Eckman, Meril L., assignor to The American Coach and Body Company, Cleveland, Ohio. Welding gun. 115,029; May 30.
Eckman, Meril L., assignor to The American Coach and Body Company, Cleveland, Ohio. Transformer casing. 117,971; Dec. 5.
Eckstein, Louis V., assignor to Steam-Electric Corporation, St. Louis, Mo. Electric steaming iron. 115,958; Aug. 1.
Eddy, Donald A., Park Hills, assignor to The Kelley-Koet Manufacturing Company, Incorporated, Covington, Ky. X-ray cassette tunnel. 117,611; Nov. 14.
Edelmann, E., & Co. (See Thomas, Joseph C., assignor.)
Edelmann, Leo, Chicago, Ill. Nozzle end for a thermohydrometer or the like. 113,553; Feb. 28.
Edelmann, Leo, Chicago, Ill. Battery service kit or the like. 115,312; June 20.
Edelson, Harry E., New York, N. Y. Pillow support for a bed or similar article. 115,229; June 13.
Edelson, Morris, New York, N. Y. Coat. 114,393; Apr. 18.
Edelstein, Jennie, Miami Beach, Fla. Holder for thread spools or similar articles. 116,364; Aug. 29.
Edge, Emery S., Grand Rapids, Mich. Tree label. 112,955; Jan. 17.
Edison General Electric Appliance Company. (See Stopa, Walter T., assignor.)
Edison, Thomas A., Incorporated. (See La Forest, Louis Z., assignor.)
Edson, Bert, Pawtucket, R. I. Lace. 113,260; Feb. 7.
Edson, Bert, Pawtucket, R. I. Lace. 116,365; Aug. 29.
Edson, Bert, Pawtucket, R. I. Lace. 118,112; Dec. 19.
Edson, Bert, Pawtucket, R. I. Lace. 118,260; Dec. 26.
Edwards, Norman, assignor to P. E. Plato, New York, N. Y. Cigarette case or similar article. 115,030; May 30.
Egerton, Clifford, Forest Hills, N. Y. Toy rotary unit. 117,260; Oct. 24.
Egerton, Clifford, Kew Gardens, N. Y. Game board. 118,229; Dec. 26.
Eggers, John M., Sioux City, Iowa. Smoking stand. 115,394; June 27.
Ehret, Clement, White Plains, N. Y. Stove. 117,727; Nov. 21.
Ehrlich, Maximilian, Cedarhurst, assignor to J. P. Fischer, Inc., New York, N. Y. Air supply device for treating the scalp or the like. 114,843; May 16.
Eick, Harvey C. J., Sheboygan Falls, and C. Behrens, Sheboygan, Wis. Sprayer or similar article. 116,222; Aug. 22.
Eickmeyer, Earle E., S. L. Butler, and H. J. Rothermel, assignors to The Dayton Pump & Mfg. Company, Dayton, Ohio. Water pump unit. 115,648; July 11.
Eisenberg, Arthur A., assignor to National Silver Company, New York, N. Y. Combined cabinet and end table. 115,489; July 4.
Eisenberg, Herman F., New York, N. Y. Blouse. 116,761; Sept. 19.
Eisenhut, Fred H., assignor to Belle City Malleable Iron Company, Racine, Wis. Bulletin board. 113,160; Jan. 31.
Eisler, Charles, South Orange, N. J. Electric welding machine. 116,840; Sept. 26.
Eisner, Harry, Union Springs, N. Y. Tool for adjusting ignition circuit breakers. 114,320; Apr. 18.
Eklund, Chester F., assignor to D. M. Fox, New York, N. Y. Combined bottle stopper and liquid pourer. 114,209; Apr. 11.
Ekonomon, Ernest C., New York, N. Y. Slipper. 117,170; Oct. 17.
Eksergian, Carolus L., and T. A. Davenport, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Vehicle wheel. 113,658; Mar. 7.
Eksergian, Carolus L., and W. H. Farr, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Vehicle wheel. 113,659; Mar. 7.
Eksergian, Carolus L., and T. A. Davenport, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Vehicle wheel. 113,660; Mar. 7.
Eksergian, Carolus L., and T. A. Davenport, Detroit, Mich., assignors to Budd Wheel Company, Philadelphia, Pa. Vehicle wheel. 113,661; Mar. 7.
Ekstrand Manufacturing Company. (See Montgomery, Frederick G., assignor.)
Electric Household Utilities Corporation. (See Gerhardt, Andrew H., assignor.)
Electric Sprayit Co., The. (See Manning, Roland A., assignor.)
Electrical Testing Laboratories. (See Jacobsen, Anna E., assignor.)
Electrolux Corporation. (See Ell, Lars J. F., assignor.)
Electrolux Corporation. (See Guild, Lurelle, assignor.)
Electrolux Corporation. (See Lofgren, Gustaf E., assignor.)
Electromaster, Inc. (See Ayers, Walter C., assignor.)
Electronic Research Corporation. (See Krause, Walter E., assignor.)
Elfenbein, Bert, New York, N. Y. Tablecloth or similar article. 114,856; May 16.
Elfenbein, Bert, Scarsdale, assignor to Felix Tausend & Sons, New York, N. Y. Tablecloth. 117,468; Nov. 7.
Elfenbein, Bert, Scarsdale, assignor to Felix Tausend & Sons, New York, N. Y. Tablecloth. 117,469; Nov. 7.
Elfenbein, Bert, Scarsdale, assignor to Felix Tausend & Sons, New York, N. Y. Tablecloth. 117,518; Nov. 7.
Elia, Thomas J., Chicago, Ill. Condiment shaker. 117,351; Oct. 31.
Eliot, Don, Los Angeles, Calif., assignor to A. A. Dekama. Combination bottle and display package. 114,921; May 23.
Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 113,059; Jan. 24.
Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 113,060; Jan. 24.
Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 113,061; Jan. 24.
Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 115,874; July 25.
Elkin, Newton, Philadelphia, Pa. Shoe or similar article. 115,875; July 25.
Ell, Lars J. F., Stockholm, Sweden, assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner. 113,985; Mar. 28.
Ellenbogen, Margaret. (See Heims, L., and Ellenbogen.)
Ellenoff, Louis, New York, N. Y. Sweater. 116,181; Aug. 15.
Elliot, Anna M., Dallas, Tex. Street sign. 117,036; Oct. 10.
Elliott, Samuel H., Shaker Heights, assignor to The Standard Oil Company, Cleveland, Ohio. Liquid dispensing casing. 117,664; Nov. 21.
Ellis, Francis C., Chicago, Ill. Galvanometer. 115,031; May 30.
Ellis, Garnet C., Baltimore, Md. Dressing table or similar article. 117,612; Nov. 14.
Ellis, Robert M., Bound Brook, N. J. Film recorder. 117,325; Oct. 24.
Ellison, Clifford L., Oak Park, assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Lamp. 113,623; Mar. 7.
Elowsky, Louis, Brooklyn, assignor to Derby Sportswear, Inc., New York, N. Y. Jacket. 115,102; June 6.
Elting, August O., Chicago, Ill. Lamp base. 116,986; Oct. 3.
Elting, August O., Chicago, Ill. Lamp base. 116,987; Oct. 3.
Elting, August O., Chicago, Ill. Lamp base. 116,988; Oct. 3.
Elting, August O., Chicago, Ill. Lamp base. 116,989; Oct. 3.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 118,301; Dec. 26.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 118,302; Dec. 26.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 118,303; Dec. 26.
Elting, August O., Chicago, Ill. Arm for lamp fixtures. 118,304; Dec. 26.
Elwell, Edward R., Cape Elizabeth, Maine. Glass jar. 113,299; Feb. 7.
Emanuel, Benjamin D., Anderson, Ind. Battery plate assembly. 114,116; Apr. 4.
Embossing Company, The. (See Fletcher, Walter J., assignor.)
Emeloid Company, The. (See Brock, A., and Backer, assignors.)
Emery, William M., Cleveland Heights, and A. S. Gould, Lakewood, assignors to The Oster Manufacturing Company, Cleveland, Ohio. Power driven pipe stand. 114,654; May 9.
Emmer, Mike H., Los Angeles, Calif. Coffee bottle supporting plate. 115,649; July 11.
Emmerich, Theresa, New York, N. Y. Textile fabric. 114,615; May 2.
Emmerich, Theresa, New York, N. Y. Textile fabric. 115,978; Aug. 1.
Endicott Johnson Corporation. (See Johnson, Francis A., assignor.)
Engel, Alice, New York, N. Y. Dress. 113,454; Feb. 21.
Engel, Alice, New York, N. Y. Dress. 113,906; Mar. 21.
Engel, Alice, New York, N. Y. Dress and slip ensemble. 114,131; Apr. 4.
Engel, Alice, New York, N. Y. Dress. 114,582; May 2.
Engel, Alice, New York, N. Y. Dress. 114,583; May 2.
Engel, Alice, New York, N. Y. Dress. 114,922; May 23.
Engel, Alice, New York, N. Y. Dress. 114,923; May 23.
Engel, Alice, New York, N. Y. Dress ensemble. 115,888; July 25.
Engel, Alice, New York, N. Y. Dress. 115,889; July 25.
Engel, Alice, New York, N. Y. Dress. 115,890; July 25.
Engel, Alice, New York, N. Y. Dress ensemble. 116,283; Aug. 22.
Engel, Alice, New York, N. Y. Dress ensemble. 117,261; Oct. 24.
Engel, Alice, New York, N. Y. Dress. 117,470; Nov. 7.
Engel, Alice, New York, N. Y. Dress ensemble. 117,592; Nov. 14.
Engel, Alice, New York, N. Y. Dress ensemble. 117,875; Nov. 28.

Engel, Alice, New York, N. Y. Dress. 118,333; Dec. 26.
Engel, Alice, New York, N. Y. Dress. 118,334; Dec. 26.
Engel, Alice, New York, N. Y. Dress ensemble. 118,343; Dec. 26.
Engelhart, William A. (See Summers, C. E., and Engelhart.)
English, John A., Trenton, N. J. Eye shield or the like. 115,760; July 18.
Engstrom, Everett E., White Plains, assignor to McKeesport Tin Plate Corporation, New York, N. Y. Lithographed sheet metal for metal containers. 114,531; May 2.
Engstrom, Everett E., White Plains, assignor to McKeesport Tin Plate Corporation, New York, N. Y. Lithographed sheet metal for metal containers. 114,532; May 2.
Epiphone, Inc. (See Sunshine, Herbert S., assignor.)
Eppolito, Frank J., New York, N. Y. Child's dress. 117,217; Oct. 17.
Epstein, Hyman, New York, N. Y. Connecting strip for suspender straps. 116,441; Sept. 5.
Epstein, Louis, New York, N. Y. Dress ensemble. 114,878; May 16.
Epstein, Louis, New York, N. Y. Dress. 114,879; May 16.
Epstein, Louis, New York, N. Y. Dress. 115,032; May 30.
Epstein, Louis J., Jersey City, N. J. Slipper. 115,872; July 25.
Epstein, Louis J., Jersey City, N. J. Slipper. 115,873; July 25.
Epstein, Louis J., Jersey City, N. J. Slipper. 116,223; Aug. 22.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 114,924; May 23.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 114,925; May 23.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 114,926; May 23.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 114,927; May 23.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 114,928; May 23.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 114,929; May 23.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 114,930; May 23.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 114,931; May 23.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 114,932; May 23.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 114,933; May 23.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 114,934; May 23.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 114,935; May 23.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 114,936; May 23.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 114,937; May 23.
Erhard, Gustave F., Scranton, Pa. Table cover or similar article. 114,938; May 23.
Erickson, C. E., Company. (See Erickson, Ernest R., assignor.)
Erickson, C. E., Company. (See Evans, Aubrey M., assignor.)
Erickson, Claus E., assignor to C. E. Erickson Company, Incorporated, Des Moines, Iowa. Display stand or the like. 115,815; July 18.
Erickson, Ernest R., assignor to C. E. Erickson Company, Incorporated, Des Moines, Iowa. Display rack or similar article. 113,732; Mar. 14.
Erickson, Ernest R., assignor to C. E. Erickson Company, Incorporated, Des Moines, Iowa. Combined display shelf and bracket. 114,132; Apr. 4.
Erickson, Ernest R., assignor to C. E. Erickson Company, Incorporated, Des Moines, Iowa. Advertising door pull. 114,636; May 9.
Erickson, Ernest R., assignor to C. E. Erickson Company, Incorporated, Des Moines, Iowa. Display rack or similar article. 115,103; June 6.
Erickson, Ernest R., assignor to C. E. Erickson Company, Incorporated, Des Moines, Iowa. Display rack or similar article. 115,104; June 6.
Erickson, Ernest R., assignor to C. E. Erickson Company, Incorporated, Des Moines, Iowa. Display rack or similar article. 116,224; Aug. 22.
Erickson, Ernest R., assignor to C. E. Erickson Company, Incorporated, Des Moines, Iowa. Display case. 116,557; Sept. 12.
Erickson, Ernest R., assignor to C. E. Erickson Company, Incorporated, Des Moines, Iowa. Display stand or the like. 116,797; Sept. 26.
Erickson, Ernest R., assignor to C. E. Erickson Company, Incorporated, Des Moines, Iowa. Display rack. 117,728; Nov. 21.
Erickson, Hulda M., Isanti, Minn. Combined culinary mixer and beater, or the like. 116,798; Sept. 26.
Erickson, Nels E., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Tractor. 113,554; Feb. 28.
Erickson, Nels E., assignor to Minneapolis-Moline Power Implement Company, Minneapolis, Minn. Tractor. 113,555; Feb. 28.
Erickson, S. E., Company. (See Erickson, Claus E., assignor.)
Ernst, Walter, Mount Gilead, and H. Van Doren, Toledo, Ohio, assignors to Hydraulic Development Corporation, Inc., Wilmington, Del. Press. 114,321; Apr. 18.
Ernst, Walter, Mt. Gilead, and H. Van Doren, Toledo, Ohio, assignors to The Hydraulic Development Corporation, Inc., Wilmington, Del. Press. 115,650; July 11.
Erskine, Gladys S., New York, N. Y. Brooch or similar article of jewelry. 115,033; May 30.
Espen, Edward L., Elkins Park, Pa. Textile fabric. 117,037; Oct. 10.
Espen, Edward L., Elkins Park, Pa. Textile fabric. 117,613; Nov. 14.
Estate Stove Company, The. (See Kahn, B. B., and Tupper, assignors.)
Estel, Elizabeth, T. Boonshaft, and E. Rovin, St. Louis, Mo. Combined scarf and ear muffs. 117,630; Nov. 14.
Esterbrook Steel Pen Manufacturing Co., The. (See Ashmore, Leon H., assignor.)
Esterbrook Steel Pen Manufacturing Co., The. (See Longmaid, Sydney E., assignor.)
Etched Products Corporation. (See Nierenberg, Albert, assignor.)
Etched Products Corporation. (See Smoleroff, Henry J., assignor.)
Etkin, Simon, New York, N. Y. Dress ensemble. 113,662; Mar. 7.
Etkin, Simon, New York, N. Y. Dress ensemble. 113,804; Mar. 14.
Etkin, Simon, New York, N. Y. Dress ensemble. 114,039; Mar. 28.
Etkin, Simon, New York, N. Y. Fur coat. 116,493; Sept. 5.
Etkin, Simon, New York, N. Y. Coat. 116,762; Sept. 19.
Eureka Vacuum Cleaner Company. (See McCarthy, Arthur L., assignor.)
Evans, Aubrey M., Webster Groves, Mo., assignor to C. E. Erickson Company, Inc., Des Moines, Iowa. Shelf for a display rack. 115,287; June 20.
Evans Case Company. (See Reilly, Alfred F., assignor.)
Evans Case Company. (See Lawrence, Cecil H., assignor.)
Evans, Clinton T., Highland Park, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Christmas tree stand or the like. 117,038; Oct. 10.
Evans, H. C., & Co. (See Collins, Edward J., assignor.)
Evans, Harvey B., Wakefield, Mass. Slipper. 117,665; Nov. 21.
Evans, Powell, Haverford, Pa. Combination fire grenade and support. 117,471; Nov. 7.
Evans Products Company. (See Downs, William T., assignor.)
Evans Products Company. (See Miller, P. J., and Spooner, assignors.)
Evans Products Company. (See Raseman, Rachel D., assignor.)
Everedy Company, The. (See Hutcheson, Ray R., assignor.)
Everett and Barron Company. (See McPhee, Clement S., assignor.)
Everitt, David C., Milwaukee, Wis. Hat. 117,424; Oct. 31.
Ewald, Martin B., Preston, Ontario, Canada. Toy wagon. 112,877; Jan. 10.
Excel Auto Radiator Company. (See Sperry, Philmore F., assignor.)
Exhibit Supply Company, The. (See Collins, Edward J., assignor.)
Exhibit Supply Company, The. (See Kelly, Leo J., assignor.)
Exhibit Supply Company, The. (See Meyer, John F., assignor.)
Extract, Maurice, New York, N. Y. Dress. 113,805; Mar. 14.
Extract, Maurice, New York, N. Y. Dress. 116,772; Sept. 19.
F. & N. Lawn Mower Company, The. (See Kluter, Marlowe H., assignor.)
Fabacher, Joseph J., assignor to Jackson Brewing Company, New Orleans, La. Frame for a display board or the like. 114,808; May 16.
Fabacher, Joseph J., assignor to Jackson Brewing Company, New Orleans, La. Display board or the like. 114,809; May 16.
Faber, Eberhard, Pencil Co. (See Zoll, Henry, assignor.)
Faber, Peter J., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Amplifier or the like. 116,261; Aug. 22.
Faber, Peter J., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Amplifier or the like. 116,262; Aug. 22.
Faber, Peter J., assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Amplifier or the like. 116,394; Aug. 29.
Fabisch, Louise, assignor to Hufa Cosmetic Company, Inc., New York, N. Y. Combination lipstick casing and mirror. 117,333; Oct. 24.

Fabrice, Edward H., Chicago, Ill. Receptacle sealing cap. 113,419; Feb. 21.
Fabrice, Edward H., Chicago, Ill. Receptacle sealing cap. 113,420; Feb. 21.
Faden, Sylvia, New York, N. Y. Dress. 113,806; Mar. 14.
Faden, Sylvia, New York, N. Y. Dress. 113,807; Mar. 14.
Faden, Sylvia, New York, N. Y. Dress ensemble. 113,808; Mar. 14.
Faden, Sylvia, New York, N. Y. Dress. 116,642; Sept. 12.
Faden, Sylvia, New York, N. Y. Dress. 116,643; Sept. 12.
Faden, Sylvia, New York, N. Y. Dress. 117,022; Oct. 3.
Faden, Sylvia, New York, N. Y. Dress 117,023; Oct. 3.
Faden, Sylvia, New York, N. Y. Dress. 117,024; Oct. 3.
Fader, William, Newark, N. J. Radiator humidifier. 117,494; Nov. 7.
Fader, William, Newark, N. J. Plant box. 118,230; Dec. 26.
Fadie, Mathilde T., Oakland, Calif. Vanity cape or similar article. 115,064; May 30.
Fadie, Mathilde T., Oakland, Calif. Bib or similar article. 115,065; May 30.
Fadie, Mathilde T., Oakland, Calif. Bib or similar article. 115,066; May 30.
Fageol, Rollie B., Beverly Hills, Calif. Toy vehicle. 115,668; July 11.
Failmezger, Eugene A., De Witt, assignor to United States Hoffman Machinery Corporation, New York, N. Y. Dust collecting apparatus. 117,972; Dec. 5.
Fainblatt, Leon, New York, N. Y. Hood or similar article. 116,182; Aug. 15.
Falcon, Jeronimo, Buenos Aires, Argentina, assignor to Auto-Rapid Products Corporation. Automobile bumper. 115,146; June 6.
Famularo, Giuseppe, Baldwin, N. Y. Airplane. 112,990; Jan. 24.
Fancher, John. (See Obstfeld, L., and Fancher.)
Fancher, John, Chatham, N. J., and L. Obstfeld, Brooklyn; said Fancher assignor to A. Obstfeld, New York, N. Y. Plier type stapling machine. 116,706; Sept. 19.
Farber, Simon W., Brooklyn, N. Y. Table cooker. 113,733; Mar. 14.
Farber, Simon W., Brooklyn, N. Y. Table cooker. 113,734; Mar. 14.
Farber, Simon W., Brooklyn, N. Y. Coffee maker. 114,364; Apr. 18.
Farber, Simon W., Brooklyn, N. Y. Tea maker. 114,365; Apr. 18.
Farber, Simon W., Brooklyn, N. Y. Table cooker. 116,799; Sept. 26.
Faries Manufacturing Company. (See Cloutier, Paul N., assignor.)
Faris, Joseph W., assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Time stamp. 112,991; Jan. 24.
Farkas, Emil N., and F. F. Farkas, Chicago, Ill. Book. 115,067; May 30.
Farkas, Frank F. (See Farkas, Emil N. and F. F.)
Farnsworth, Daniel W., New York, N. Y. Textile fabric. 115,490; July 4.
Farny, Cyril, St. Charles, Ill., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Piano accordion. 113,136; Jan. 31.
Farr, Warren H. (See Eksergian, C. L., and Farr.)
Farrah, William Y., Kansas City, Mo. Wall shelf. 115,615; July 11.
Farrington, Horatio H., Pearl River, N. Y. Cross. 114,015; Mar. 28.
Fassler, Adolph, Pelham, N. Y., assignor to H. A. Lawson, Signal Mountain, Tenn. Bedspread. 113,261; Feb. 7.
Fassler, Adolph, Pelham, N. Y., assignor to H. A. Lawson, Signal Mountain, Tenn. Bedspread. 113,608; Feb. 28.
Fassler, Adolph, Pelham, N. Y., assignor to H. A. Lawson, Signal Mountain, Tenn. Bedspread. 113,609; Feb. 28.
Fassler, Adolph, Pelham, N. Y., assignor to H. A. Lawson, Signal Mountain, Tenn. Bedspread. 115,706; July 11.
Fassler, Adolph, Pelham, N. Y., assignor to H. A. Lawson, Signal Mountain, Tenn. Bedspread. 115,707; July 11.
Fassler, Adolph, Pelham, N. Y., assignor to H. A. Lawson, Signal Mountain, Tenn. Bedspread. 116,183; Aug. 15.
Fassler, Adolph, Pelham, N. Y., assignor to H. A. Lawson, Signal Mountain, Tenn. Bedspread. 116,442; Sept. 5.
Fassler, Adolph, Pelham, N. Y., assignor to H. A. Lawson, Signal Mountain, Tenn. Bedspread. 116,443; Sept. 5.
Fassler, Adolph, Pelham, N. Y., assignor to H. A. Lawson, Signal Mountain, Tenn. Bedspread. 116,444; Sept. 5.
Fassler, Adolph, Pelham, N. Y., assignor to H. A. Lawson, Signal Mountain, Tenn. Bedspread. 116,445; Sept. 5.
Fassler, Adolph, Pelham, N. Y., assignor to H. A. Lawson, Signal Mountain, Tenn. Bedspread. 116,446; Sept. 5.
Fatherley, Robert E., Darien, Conn. Textile fabric or similar article. 117,866; Nov. 28.
Faulconer, Ralph, Frederick, Okla. Artificial fish lure. 115,546; July 4.
Faulkner, Mayme I., Fort Smith, Ark. Doll. 113,965; Mar. 28.
Fay, John C., Chicago, Ill., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Doctor's cabinet or the like. 114,444; Apr. 25.
Fazio, Vincent, Brooklyn, N. Y. Handkerchief. 112,825; Jan. 3.
Federal Glass Company, The. (See Deskey, Donald, assignor.)
Federal Glass Company, The. (See Nicholson, Albert H., assignor.)
Federal Tool Corporation. (See Smith, Frasier, assignor.)
Feeny, George A. (See Gudell, Rudolph T., assignor.)
Fehr, Adolf, Attleboro, Mass. Pendant or similar article. 113,222; Feb. 7.
Feifer, Morris, New York, N. Y. Slipper. 113,735; Mar. 14.
Feigenbaum, Herman. (See Zucker, L., and Feigenbaum.)
Feintuck, Rose, New York, N. Y. Dress. 114,584; May 2.
Feintuck, Rose, New York, N. Y. Dress. 114,733; May 9.
Feintuck, Rose, New York, N. Y. Cap. 114,880; May 16.
Feintuck, Rose, New York, N. Y. Dress. 114,939; May 23.
Feintuck, Rose, New York, N. Y. Dress ensemble. 114,940; May 23.
Feintuck, Rose, New York, N. Y. Dress. 115,891; July 25.
Feintuck, Rose, New York, N. Y. Dress. 115,990; Aug. 1.
Feintuck, Rose, New York, N. Y. Dress. 116,475; Sept. 5.
Feintuck, Rose, New York, N. Y. Dress ensemble. 117,729; Nov. 21.
Feintuck, Rose, New York, N. Y. Dress. 117,262; Oct. 24.
Felch, James P., Providence, R. I. Brooch or similar article. 113,107; Jan. 31.
Felder, Hiram, Roselle, N. J. Vanity chest or analogous article. 114,174; Apr. 11.
Feldman, Abraham G., assignor to Storkline Furniture Corporation, Chicago, Ill. Collapsible stand-supported bath. 118,113; Dec. 19.
Feldman, David B., New York, N. Y. Coat. 114,278; Apr. 11.
Feldman, Jack J., New York, N. Y. Woven elastic textile fabric. 117,425; Oct. 31.
Feldman, Jack J., New York, N. Y. Woven elastic textile fabric. 117,548; Nov. 7.
Felger, Gladys E., Santa Barbara, Calif. Coat. 115,594; July 4.
Felger, Gladys E., Santa Barbara, Calif. Coat. 115,595; July 4.
Felt & Tarrant Manufacturing Co. (See Nieman, F. A., and Mell, assignors.)
Fennell, Gerald C. (See Berdner, J. T., Fennell, and Wilson.)
Ferar, Montgomery. (See Sundberg, C. W., and Ferar.)
Ferguson, Murd M., Detroit, Mich. Plaque. 116,263; Aug. 22.
Ferlauto, Frances O., New York, N. Y. Tablecloth or similar article. 113,624; Mar. 7.
Ferlauto, Frances O., New York, N. Y. Tablecloth or similar article. 113,625; Mar. 7.
Fewster, James F., Morrisville, Pa. Garment hanger. 114,753; May 16.
Fewster, James F., Trenton, N. J. Garment hanger. 115,917; Aug. 1.
Fewster, James F., Trenton, N. J. Garment hanger. 115,918; Aug. 1.
Fewster, James F., Trenton, N. J. Garment hanger. 115,919; Aug. 1.
Fewster, James F., Trenton, N. J. Garment hanger. 115,920; Aug. 1.
Fibreboard Products Inc. (See Ford, G. F., Barbee, and Squires, assignors.)
Ficks-Reed Company. (See Ficks, Robert L., assignor.)
Ficks, Robert L., assignor to Ficks-Reed Company, Cincinnati, Ohio. Portable beach pad. 116,558; Sept. 12.
Fidel, Hyman, Brooklyn, N. Y. Shampoo sprayer. 113,346; Feb. 14.
Fieldhouse, Fred W., Louisville, Ky. Basketball goal. 114,375; Apr. 18.
Fields, Jeanne, New York, N. Y. Dress. 113,809; Mar. 14.
Filippone, B., & Co. (See Tanzi, Guido, assignor.)
Filtex Corporation, The. (See Kroenlein, Henry A., assignor.)
Finch, Harry D., Los Angeles, Calif. Sign. 113,530; Feb. 28.
Fink-Roselieve Co. Inc. (See Naylor, William E., assignor.)
Finkelstein, Samuel, Brooklyn, N. Y. Game board or similar article. 115,147; June 6.
Finkelstein, Saul, New York, N. Y. Coat. 113,556; Feb. 28.
Finkelstein, William. (See Dunner, Max, assignor.)
Finnell System, Inc. (See Finnell, Walter S., assignor.)
Finnell, Walter S., Elkhart, Ind., assignor to Finnell System, Inc. Soap dispenser or the like. 117,061; Oct. 10.
Firth, Herbert M., Chicago, Ill. Combined vase and support. 116,929; Oct. 3.
Fisch, Louis B., Brooklyn, N. Y. Textile fabric. 115,718; July 11.
Fischbein, Wilhelm J., Cologne, Germany. Table mat for a drinking glass or the like. 113,382; Feb. 21.
Fischer, Benjamin, New York, N. Y. Coat. 114,754; May 16.
Fischer, Benjamin, New York, N. Y. Coat. 114,755; May 16.
Fischer, Benjamin, New York, N. Y. Child's coat. 118,038; Dec. 12.
Fischer, J. P., Inc. (See Ehrlich, Maximilian, assignor.)
Fish, Ned D. (See Holt, G. C., and Fish.)

Fish, Ned D., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Mechanical pencil or similar article. 115,288; June 20.
Fisher, Francis C., Syracuse, N. Y. Tap knob. 113,262; Feb. 7.
Fisher, Henry A., Parkersburg, W. Va. Game device. 116,559; Sept. 12.
Fishlove, Irving H., Chicago, Ill. Textile fabric or similar article. 114,133; Apr. 4.
Fisk Rubber Corporation, The. (See Balthazar, Arthur, assignor.)
Fitch, James W., assignor to Kenworth Motor Truck Corporation, Seattle, Wash. Fire truck. 116,841; Sept. 26.
Fitchhorn, Elver J., Delaware, Ohio. Musical instrument of a flute-like nature. 115,616; July 11.
Fitzgerald, Lucille B., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Overshoe or similar article. 114,992; May 30.
Fitzgerald, Lucille B., Naugatuck, Conn., assignor to United States Rubber Company, New York, N. Y. Overshoe. 114,993; May 30.
Fitzgerald Manufacturing Company, The. (See Fitzgerald, Patrick J., assignor.)
Fitzgerald, Patrick J., assignor to The Fitzgerald Manufacturing Company, Torrington, Conn. Combination flatiron and clothes dampener. 118,146; Dec. 19.
Flamm, Alexander L., Fairfield, Conn. Refrigerator cabinet. 116,945; Oct. 3.
Flather, John R., assignor to Boott Mills, Lowell, Mass. Textile fabric. 113,781; Mar. 14.
Flato, Paul E. (See Davenport, Lloyd J., assignor.)
Flato, Paul E. (See Headley, George W., 3d, assignor.)
Flatow, Ralph, New York, N. Y. Textile fabric. 113,955; Mar. 21.
Flatow, Ralph, New York, N. Y. Textile fabric. 113,986; Mar. 28.
Fleming, Mary P. (See Allen, G. N., and Fleming.)
Fleming, Mary P. (See Allen, G. N., Fleming, and Ressegger.)
Fletcher, Tommy H., Hollywood, Calif. Walking cane. 113,865; Mar. 21.
Fletcher, Walter J., assignor to The Embossing Company, Albany, N. Y. Bottle-closure top. 117,139; Oct. 17.
Fletcher, William G., Bogota, N. J. Street tennis bat. 114,810; May 16.
Flexon, Floyd, Alton, Ill. Pitcher. 117,062; Oct. 10.
Flier, Leo, Chicopee, Mass. Ring box. 113,161; Jan. 31.
Florence Stove Co. (See Kruck, Ralph E., assignor.)
Florig, Frederick F., assignor to Jas. H. Matthews & Company, Pittsburgh, Pa. Grave marker. 113,536; Feb. 28.
Florig, Frederick F., assignor to Jas. H. Matthews & Company, Pittsburgh, Pa. Grave marker. 114,099; Apr. 4.
Florig, Frederick F., assignor to Jas. H. Matthews & Company, Pittsburgh, Pa. Grave marker. 114,576; May 2.
Florman, Irving, New York, N. Y. Base for a cigarette lighter or the like. 113,223; Feb. 7.
Florman, Irving, New York, N. Y. Electric dry shaver casing. 114,060; Apr. 4.
Florman, Irving, New York, N. Y. Combined keyhold lighter and key ring. 114,210; Apr. 11.
Florman, Irving, New York, N. Y. Combined key case and flashlight. 114,941; May 23.
Florman, Irving, New York, N. Y. Combined key and knife. 117,093; Oct. 10.
Florsheim Shoe Company, The. (See Pick, Oswald M., assignor.
Flowers, Henry F., Findlay, Ohio. Mine locomotive. 118,261; Dec. 26.
Floyd-Wells Company, The. (See Schneider, Frank H., assignor.)
Fluegelman, Arthur, assignor to Riverdale Mfg. Co. Inc., New York, N. Y. Woven textile fabric or similar article. 117,631; Nov. 14.
Fluor Corporation, The. (See Stillger, Amel A., assignor.)
Flusser, Charlotte, New York, N. Y. Dress. 113,455; Feb. 21.
Flusser, Charlotte, New York, N. Y. Dress ensemble. 114,700; May 9.
Flusser, Charlotte, New York, N. Y. Dress. 115,105; June 6.
Flusser, Charlotte, New York, N. Y. Dress. 115,166; June 6.
Fobes, Kenneth D. (See Conkling, Robert A., Jr., assignor.)
Fogarty, Patrick, Washington, D. C. Game device. 114,061; Apr. 4.
Fogel, Abraham, Montreal, Quebec, Canada. Transparent box. 114,891; May 23.
Foggett, Ruth S., assignor to The Palmer Brothers Company, New London, Conn. Mattress cover or similar article. 115,806; July 18.
Folmer Graflex Corporation, The. (See Steiner, O., and Roth, assignors.)
Food Dispenser Company, The. (See Binon, Georges, assignor.)
Footlik, Irving M., assignor to Leo G. Pilot, Chicago, Ill. Combined ashtray and glass retainer. 117,847; Nov. 28.
Footlong, Inc. (See Hater, H. J., and Macloon, assignors.)
Forbell, Charles H., Bayside, Long Island, assignor to Rogers Peet Company, New York, N. Y. Display figure. 116,527; Sept. 5.
Ford, George E., assignor to Rochester Manufacturing Co., Rochester, N. Y. Dial casing for thermometers or the like. 115,547; July 4.
Ford, George F., and C. R. Barbee, Beverly Hills, and P. H. Squires, Lynwood, assignors to Fibreboard Products Inc., San Francisco, Calif. Bottle carrier. 115,651; July 11.
Fordyce, Rufus G., Glencoe, Ill. Escutcheon plate. 113,557; Feb. 28.
Fordyce, Rufus G., Glencoe, Ill., assignor to Luminous Processes, Inc., New York, N. Y. Escutcheon plate. 116,184; Aug. 15.
Fordyce, Rufus G., Glencoe, Ill., assignor to Luminous Processes, Inc., New York, N. Y. Escutcheon plate. 116,185; Aug. 15.
Fordyce, Rufus G., Glencoe, Ill., assignor to Luminous Processes, Inc., New York, N. Y. Escutcheon plate. 116,186; Aug. 15.
Forman, Mark K., assignor of one-third to J. E. Connor, and one-third to J. J. Sullivan, Worcester, Mass. Foot stool or similar article. 117,948; Dec. 5.
Forman, Sol., New York, N. Y. Serving platter or similar article. 115,617; July 11.
Forman, Sol, New York, N. Y. Broiler or similar article. 118,231; Dec. 26.
Formfit Company, The. (See Abeles, Jerome, assignor.)
Formfit Company, The. (See Kunstadter, Sigmund W., assignor.)
Forsheim Shoe Company, The. (See Pick, Oswald M., assignor.)
Forster Manufacturing Co., Ltd. (See Forster, Percy M., assignor.)
Forster, Percy M., assignor to Forster Manufacturing Co. Ltd., Berkeley, Calif. Stove or similar article. 115,491; July 4.
Forster, Percy M., assignor to Forster Manufacturing Co., Ltd., Berkeley, Calif. Field stove. 115,785; July 18.
Forster, Percy M., assignor to Forster Manufacturing Co., Ltd., Berkeley, Calif. Field stove. 117,094; Oct. 10.
Forster, Walter J., St. Louis, Mo., and R. F. Loewy, New York, N. Y., assignors to Curtiss-Wright Corporation (St. Louis Div.). Chair. 116,800; Sept. 26.
Forstmann, Curt E., Montclair, N. J. Textile fabric. 115,372; June. 20.
Forstmann, Curt E., Montclair, N. J. Textile fabric. 115,373; June 20.
Forstmann, Curt E., Montclair, N. J. Textile fabric. 115,374; June 20.
Forstmann, Curt E., Montclair, N. J. Textile fabric. 115,984; Aug. 1.
Forstmann, Curt E., Montclair, N. J. Textile fabric. 115,991; Aug. 1.
Forstmann, Curt E., Montclair, N. J. Textile fabric. 115,992; Aug. 1.
Forstmann, Curt E., Montclair, N. J. Textile fabric. 116,533; Sept. 5.
Forstmann, Curt E., Montclair, N. J. Textile fabric. 117,309; Oct. 24.
Forstmann, Curt E., Montclair, N. J. Textile fabric. 117,546; Nov. 7.
Forstmann, Curt E., Montclair, N. J. Textile fabric. 117,547; Nov. 7.
Forstmann, Curt E., Montclair, N. J. Textile fabric. 117,614; Nov. 14.
Forstmann, Curt E., Montclair, N. J. Textile fabric. 117,615; Nov. 14.
Forstmann, Curt E., Montclair, N. J. Textile fabric. 117,616; Nov. 14.
Forstmann, Julius G., New York, N. Y. Cabinet for card game paraphernalia. 114,062; Apr. 4.
Fortunati, Alexander J., Boston, Mass. Tongue scraper. 118,318; Dec. 26.
Fortune, William P., New York, N. Y. Hat. 112,895; Jan. 10.
Fortune, William P., New York, N. Y. Hat. 112,896; Jan. 10.
Fosgood Corporation. (See Gagnon, Leo J., assignor.)
Fosgood Corporation. (See Girouard, Albert, assignor.)
Foster, James A. (See Moore, Charlie A., assignor.)
Fostoria Glass Company. (See Bottome, Edgar M., assignor.)
Fostoria Glass Company. (See Sakier, George, assignor.)
Fostoria Glass Company. (See Yutzey, Marvin G., assignor.)
Fowler, Donald W., Syracuse, N. Y. Grave marker. 113,537; Feb. 28.
Fowler, Le Ray, New York, assignor of one-third to E. T. Connelly, Elmhurst, and one-third to J. J. Daly, New York, N. Y. Beverage service counter. 113,507; Feb. 28.
Fox, Daniel M. (See Eklund, Chester F., assignor.)
Fox, Leslie. (See Kooluris, S. G., and Fox.)
Fracchia, Pauline, New York, N. Y. Dress. 114,701; May 9.
Fracchia, Pauline, New York, N. Y. Dress. 114,702; May 9.
Fracchia, Pauline, New York, N. Y. Dress. 114,703; May 9.
Fracchia, Pauline, New York, N. Y. Dress. 114,704; May 9.
Fracchia, Pauline, New York, N. Y. Dress. 114,705; May 9.
Fracchia, Pauline, New York, N. Y. Dress. 114,706; May 9.

Fracchia, Pauline, New York, N. Y. Dress. 114,707; May 9.
Fracchia, Pauline, New York, N. Y. Dress. 114,708; May 9.
Fracchia, Pauline, New York, N. Y. Dress. 114,709; May 9.
Fracchia, Pauline, New York, N. Y. Dress. 114,710; May 9.
Fracchia, Pauline, New York, N. Y. Dress. 114,844; May 16.
Fracchia, Pauline, New York, N. Y. Dress. 114,942; May 23.
Fracchia, Pauline, New York, N. Y. Dress. 114,943; May 23.
Fracchia, Pauline, New York, N. Y. Dress. 114,944; May 23.
Fracchia, Pauline, New York, N. Y. Dress ensemble. 114,945; May 23.
Fracchia, Pauline, New York, N. Y. Dress. 114,946; May 23.
Fracchia, Pauline, New York, N. Y. Dress. 115,034; May 30.
Fracchia, Pauline, New York, N. Y. Dress. 115,035; May 30.
Fracchia, Pauline, New York, N. Y. Dress. 115,089; May 30.
Fracchia, Pauline, New York, N. Y. Dress. 115,090; May 30.
Fracchia, Pauline, New York, N. Y. Dress. 115,091; May 30.
Fracchia, Pauline, New York, N. Y. Dress. 115,092; May 30.
Fracchia, Pauline, New York, N. Y. Dress. 115,106; June 6.
Fracchia, Pauline, New York, N. Y. Dress. 115,107; June 6.
Fracchia, Pauline, New York, N. Y. Dress. 115,108; June 6.
Fracchia, Pauline, New York, N. Y. Dress. 115,109; June 6.
Fracchia, Pauline, New York, N. Y. Dress. 115,264; June 13.
Fracchia, Pauline, New York, N. Y. Dress. 115,469; June 27.)
Fracchia, Pauline, New York, N. Y. Dress. 115,470; June 27.)
Fracchia, Pauline, New York, N. Y. Dress. 115,471; June 27.)
Fracchia, Pauline, New York, N. Y. Dress. 115,472; June 27.)
Fracchia, Pauline, New York, N. Y. Dress. 115,473; June 27.)
Fracchia, Pauline, New York, N. Y. Dress. 115,474; June 27.)
Fracchia, Pauline, New York, N. Y. Dress. 115,475; June 27.)
Fracchia, Pauline, New York, N. Y. Dress. 115,476; June 27.)
Fracchia, Pauline, New York, N. Y. Dress. 115,597; July 4.
Fracchia, Pauline, New York, N. Y. Dress. 115,598; July 4.
Fracchia, Pauline, New York, N. Y. Dress. 115,599; July 4.
Fracchia, Pauline, New York, N. Y. Dress. 116,395; Aug. 29.
Fracchia, Pauline, New York, N. Y. Dress. 116,396; Aug. 29.
Fracchia, Pauline, New York, N. Y. Dress. 116,397; Aug. 29.
Fracchia, Pauline, New York, N. Y. Dress. 116,398; Aug. 29.
Fracchia, Pauline, New York, N. Y. Dress. 116,399; Aug. 29.
Fracchia, Pauline, New York, N. Y. Dress ensemble. 116,400; Aug. 29.
Fracchia, Pauline, New York, N. Y. Dress. 116,401; Aug. 29.
Fracchia, Pauline, New York, N. Y. Dress. 116,402; Aug. 29.
Fracchia, Pauline, New York, N. Y. Dress. 116,403; Aug. 29.
Fracchia, Pauline, New York, N. Y. Dress. 116,404; Aug. 29.
Fracchia, Pauline, New York, N. Y. Dress ensemble. 116,405; Aug. 29.
Fracchia, Pauline, New York, N. Y. Dress. 116,406; Aug. 29.
Fracchia, Pauline, New York, N. Y. Dress. 116,503; Sept. 5.
Fracchia, Pauline, New York, N. Y. Dress. 116,504; Sept. 5.
Fracchia, Pauline, New York, N. Y. Dress. 116,505; Sept. 5.
Fracchia, Pauline, New York, N. Y. Dress. 116,506; Sept. 5.
Fracchia, Pauline, New York, N. Y. Dress. 116,507; Sept. 5.
Fracchia, Pauline, New York, N. Y. Dress. 116,508; Sept. 5.
Fracchia, Pauline, New York, N. Y. Dress. 116,512; Sept. 5.
Fracchia, Pauline, New York, N. Y. Dress. 116,513; Sept. 5.
Fracchia, Pauline, New York, N. Y. Dress. 116,514; Sept. 5.
Fracchia, Pauline, New York, N. Y. Dress. 116,515; Sept. 5.
Fracchia, Pauline, New York, N. Y. Dress. 116,516; Sept. 5.
Fracchia, Pauline, New York, N. Y. Dress. 116,517; Sept. 5.
Fracchia, Pauline, New York, N. Y. Dress. 116,528; Sept. 5.
Fracchia, Pauline, New York, N. Y. Dress. 116,529; Sept. 5.
Fracchia, Pauline, New York, N. Y. Dress. 116,530; Sept. 5.
Fracchia, Pauline, New York, N. Y. Dress. 116,531; Sept. 5.
Fracchia, Pauline, New York, N. Y. Dress. 116,534; Sept. 5.
Fracchia, Pauline, New York, N. Y. Dress. 116,535; Sept. 5.
Fracchia, Pauline, New York, N. Y. Dress. 116,536; Sept. 5.
Fracchia, Pauline, New York, N. Y. Dress. 116,537; Sept. 5.
Fracchia, Pauline, New York, N. Y. Dress. 116,538; Sept. 5.
Fracchia, Pauline, New York, N. Y. Dress. 116,874; Sept. 26.
Fracchia, Pauline, New York, N. Y. Dress. 116,997; Oct. 3.
Fracchia, Pauline, New York, N. Y. Dress. 116,998; Oct. 3.
Fracchia, Pauline, New York, N. Y. Dress. 116,999; Oct. 3.
Fracchia, Pauline, New York, N. Y. Dress. 117,000; Oct. 3.
Fracchia, Pauline, New York, N. Y. Dress. 117,011; Oct. 3.
Fracchia, Pauline, New York, N. Y. Dress. 117,012; Oct. 3.
Fracchia, Pauline, New York, N. Y. Dress. 117,013; Oct. 3.
Fracchia, Pauline, New York, N. Y. Dress. 117,014; Oct. 3.
Fracchia, Pauline, New York, N. Y. Dress. 117,015; Oct. 3.
Fracchia, Pauline, New York, N. Y. Dress. 117,025; Oct. 3.
Fracchia, Pauline, New York, N. Y. Dress. 117,026; Oct. 3.
Fracchia, Pauline, New York, N. Y. Dress. 117,095; Oct. 10.
Fracchia, Pauline, New York, N. Y. Dress. 117,218; Oct. 17.
Fracchia, Pauline, New York, N. Y. Dress. 117,219; Oct. 17.
Fracchia, Pauline, New York, N. Y. Dress. 117,220; Oct. 17.
Fracchia, Pauline, New York, N. Y. Dress. 117,227; Oct. 17.
Fracchia, Pauline, New York, N. Y. Dress. 117,228; Oct. 17.
Fracchia, Pauline, New York, N. Y. Dress. 117,412; Oct. 31.
Fracchia, Pauline, New York, N. Y. Dress. 117,413; Oct. 31.
Fracchia, Pauline, New York, N. Y. Dress. 117,414; Oct. 31.
Fracchia, Pauline, New York, N. Y. Dress. 117,510; Nov. 7.
Fracchia, Pauline, New York, N. Y. Dress. 117,511; Nov. 7.
Fracchia, Pauline, New York, N. Y. Dress. 117,520; Nov. 7.
Fracchia, Pauline, New York, N. Y. Dress. 117,531; Nov. 7.
Fracchia, Pauline, New York, N. Y. Dress. 117,741; Nov. 21.
Fracchia, Pauline, New York, N. Y. Dress. 117,742; Nov. 21.
Fracchia, Pauline, New York, N. Y. Dress. 117,743; Nov. 21.
Fracchia, Pauline, New York, N. Y. Dress. 117,744; Nov. 21.
Fracchia, Pauline, New York, N. Y. Dress. 117,745; Nov. 21.
Fracchia, Pauline, New York, N. Y. Dress. 117,771; Nov. 21.
Fracchia, Pauline, New York, N. Y. Dress. 117,785; Nov. 28.
Fracchia, Pauline, New York, N. Y. Dress. 118,100; Dec. 12.
Fracchia, Pauline, New York, N. Y. Dress. 118,186; Dec. 19.
Fracchia, Pauline, New York, N. Y. Dress. 118,187; Dec. 19.
Fraim, Samuel R., Lancaster, Pa. Lock. 115,761; July 18.
Francis, John G., assignor to Chamberlain, Inc., Chicago, Ill. Glass frying pan. 115,395; June 27.
Francis, John G., assignor to Chamberlain, Inc., Chicago, Ill. Glass teakettle. 115,514; July 4.
Francke, Harry, Kansas City, Mo. Screw cap removing implement. 114,211; Apr. 11.

Franco, Lewis C., New York, N. Y. Dinette trailer. 115,036; May 30.
Frank, Adolf, Long Beach, N. Y. Wedding veil. 114,248; Apr. 11.
Frank, William H., Detroit, Mich. Electric control panelboard unit. 113,663; Mar. 7.
Frank, William H., Detroit, Mich. Continuous outlet strip. 117,746; Nov. 21.
Franke, Carl S., Akron, Ohio. Ice cream cone. 113,736; Mar. 14.
Frankel, Cele, New York, N. Y. Dress. 116,656; Sept. 12.
Frankenthaler, Adolph, New York, N. Y. Novelty pin. 117,689; Nov. 21.
Fraser, James. (See Kohlmeyer, G. W., and Fraser.)
Fraser, James, Edgemoor, assignor to Speakman Company, Wilmington, Del. Faucet. 117,171; Oct. 17.
Fraser, James, Edgemoor, assignor to Speakman Company, Wilmington, Del. Combined valve handle and escutcheon. 117,172; Oct. 17.
Frederick, Robert E., New York, N. Y. Slipper. 115,871; July 25.
Fredrickson, Edward A. (See Andersen, L., Fredrickson, Newman, Van Sciver, and Zinkil.)
Fredrickson, Edward A. (See Andersen, L., Fredrickson, Van Sciver, and Zinkil.)
Fredrickson, Edward A. (See Zinkil, R. H., and Fredrickson.)
Freedman, Arthur S., Buffalo, N. Y. Watch or similar article. 114,788; May 16.
Freedman, George. (See Livingston, W., and Freedman.)
Freedman, Ruth, New York, N. Y. Brassière bodice. 113,893; Mar. 21.
Freeman, Harold A., Akron, Ohio. Shower head. 116,946; Oct. 3.
Freid, Aaron, New York, N. Y. Coat. 117,118; Oct. 10.
Freilich, Irving, New York, N. Y. Combined hosiery display stand and support. 116,801; Sept. 26.
Freudenberg, Ernest W., Larchmont, N. Y. Embroidered textile fabric or similar article. 117,352; Oct. 31.
Freudenberg, Ernest W., Larchmont, N. Y. Embroidered textile fabric or similar article. 117,353; Oct. 31.
Freudenberg, Ernest W., Larchmont, N. Y. Embroidered textile fabric or similar article. 117,354; Oct. 31.
Freudenberg, Ernest W., Larchmont, N. Y. Embroidered textile fabric or similar article. 117,355; Oct. 31.
Freudenberg, Ernest W., Larchmont, N. Y. Embroidered textile fabric or similar article. 117,356; Oct. 31.
Freudenberg, Ernest W., Larchmont, N. Y. Embroidered textile fabric or similar article. 117,357; Oct. 31.
Freudenberg, Ernest W., Larchmont, N. Y. Embroidered textile fabric or similar article. 117,358; Oct. 31.
Freudenberg, Ernest W., Larchmont, N. Y. Embroidered textile fabric or similar article. 117,359; Oct. 31.
Freudenberg, Ernest W., Larchmont, N. Y. Embroidered textile fabric or similar article. 117,360; Oct. 31.
Freudenberg, Ernest W., Larchmont, N. Y. Embroidered textile fabric or similar article. 117,361; Oct. 31.
Freudenberg, Ernest W., Larchmont, N. Y. Embroidered textile fabric or similar article. 117,362; Oct. 31.
Freudenberg, Ernest W., Larchmont, N. Y. Embroidered textile fabric or similar article. 117,363; Oct. 31.
Freudenberg, Ernest W., Larchmont, N. Y. Embroidered textile fabric or similar article. 117,364; Oct. 31.
Freudenberg, Ernest W., Larchmont, N. Y. Lace or similar article. 117,365; Oct. 31.
Freudenberg, Ernest W., Larchmont, N. Y. Embroidered textile fabric or similar article. 117,472; Nov. 7.
Freudenberg, Ernest W., Larchmont, N. Y. Embroidered textile fabric or similar article. 117,829; Nov. 28.
Freudenberg, Ernest W., Larchmont, N. Y. Embroidered textile fabric or similar article. 117,867; Nov. 28.
Freudenberg, Ernest W., Larchmont, N. Y. Embroidered trimming. 117,920; Dec. 5.
Freudenberg, Ernest W., Larchmont, N. Y. Embroidered textile fabric or similar article. 117,921; Dec. 5.
Freudenberg, Ernest W., Larchmont, N. Y. Embroidered trimming or similar article. 117,973; Dec. 5.
Freudenberg, Ernest W., Larchmont, N. Y. Embroidered collar or similar article. 118,335; Dec. 26.
Frey, William J., Grafton, W. Va. Plate or similar article. 114,175; Apr. 11.
Freysinger, John B., assignor to North and Judd Manufacturing Company, New Britain, Conn. Clasp. 117,747; Nov. 21.
Frick, Robert, New York, N. Y. Textile fabric or similar article. 116,842; Sept. 26.
Fried, Benjamin, New York, N. Y. Dress. 112,902; Jan. 10.
Friedberg, Leo, Pittsburgh, Pa. Sheet metal building material. 113,456; Feb. 21.
Friedberger-Aaron Manufacturing Company. (See Aull, Harry, assignor.)
Friedman, Bertha B., New York, N. Y. Crib robe. 116,907; Sept. 26.
Friedman, Bertha B., New York, N. Y. Combined infant's jacket and blanket. 117,521; Nov. 7.
Friedman, William, New York, N. Y. Overall ensemble. 114,016; Mar. 28.
Friend, Lee, and E. Wieder, New York, N. Y. Dress. 117,647; Nov. 14.
Friend, Pearl C., New York, N. Y. Dress. 118,072; Dec. 12.
Friesner, Charles E. (See Vavrik, L., and Friesner.)
Frisbie, Marshall H., Hamden, assignor to The A. C. Gilbert Company, New Haven, Conn. Electrical control unit. 114,117; Apr. 4.
Fritz, Theresa, New York, N. Y. Dress ensemble. 113,812; Mar. 14.
Fritz, Theresa, New York, N. Y. Dress. 114,426; Apr. 18.
Fritz, Theresa, New York, N. Y. Dress. 114,427; Apr. 18.
Fritz, Theresa M., New York, N. Y. Dress. 112,903; Jan. 10.
Fritz, Theresa M., New York, N. Y. Dress. 113,810; Mar. 14.
Fritz, Theresa M., New York, N. Y. Dress. 113,811; Mar. 14.
Fritz, Theresa M., New York, N. Y. Dress. 114,394; Apr. 18.
Fritz, Theresa M., New York, N. Y. Dress. 115,993; Aug. 1.
Fritz, Theresa M., New York, N. Y. Dress. 115,994; Aug. 1.
Fritz, Theresa M., New York, N. Y. Dress. 115,995; Aug. 1.
Fritz, Theresa M., New York, N. Y. Dress. 116,644; Sept. 12.
Fritz, Theresa M., New York, N. Y. Dress. 116,657; Sept. 12.
Fritz, Theresa M., New York, N. Y. Dress. 116,763; Sept. 19.
Fritz, Theresa M., New York, N. Y. Dress. 117,316; Oct. 24.
Froelich, Gunnar C., Philadelphia, Pa. Flagpole. 112,878; Jan. 10.
Frontman, Sam E., New York, N. Y. Dress ensemble. 114,279; Apr. 11.
Frontman, Samuel E., New York, N. Y. Dress ensemble. 114,040; Mar. 28.
Frontman, Samuel E., New York, N. Y. Dress. 116,901; Sept. 26.
Frontman, Samuel E., New York, N. Y. Dress. 117,119; Oct. 10.
Frontman, Samuel E., New York, N. Y. Dress. 117,120; Oct. 10.
Frontman, Samuel E., New York, N. Y. Dress. 117,537; Nov. 7.
Frost, George W., Evansville, Ind. Scaffold unit. 116,187; Aug. 15.
Frost, George W., Evansville, Ind. Scaffold unit. 116,188; Aug. 15.
Frumkin, Max, New York, N. Y. Dress. 115,996; Aug. 1.
Fry, Benjamin W., University City, Mo. Vending machine. 117,263; Oct. 24.
Fry, Justus W., Renton, Wash. Airship. 114,533; May 2.
Fry, Winthrop H. (See Conway, J. J., and Fry.)
Frye, James A., Ypsilanti, Mich. Eraser. 116,447; Sept. 5.
Frye, Sebastian, Janesville, Wis. Mat. 118,114; Dec. 19.
Fuerst, Brooks D., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Jug. 115,848; July 25.
Fuerst, Brooks D., Toledo, Ohio. Bottle. 117,617; Nov. 14.
Fuerst, Brooks D., and A. I. Lorenzen; said Fuerst assignor to Owens-Illinois Glass Company, Toledo, Ohio. Jar. 112,940; Jan. 17.
Fuerst, Edwin W., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 112,941; Jan. 17.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 113,137; Jan. 31.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 113,138; Jan. 31.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 115,202; June 13.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 115,492; July 4.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 115,493; July 4.
Fuerst, Edwin W., assignor to Libbey Glass Company, Toledo, Ohio. Ashtray. 116,843; Sept. 26.
Fuhrmann, Warren, Kearny, N. J., assignor of one-half to T. F. Powers, New York, N. Y. Smoking pipe. 117,395; Oct. 31.
Fuld, Horace A., New York, N. Y. Ashtray or similar article. 116,225; Aug. 22.
Fuld, Horace A., New York, N. Y. Combined flower holder and mirror base. 117,334; Oct. 24.
Fuld, William A., Baltimore, Md. Game board. 114,534; May 2.
Fuller Brush Company, The. (See Cave, Henry, assignor.)
Fuller, Frances, New York, N. Y. Font of decorative numerals. 113,084; Jan. 24.
Fuller, Frances, New York, N. Y. Age indicating numeral for birthday cakes. 117,730; Nov. 21.
Fuller, Frank W., St. Paul, Minn. Combination ruler or similar article. 114,756; May 16.
Fuller, Park, Berkeley, Calif., assignor to Micro-Westco, Inc., Bettendorf, Iowa. Casing for a pump unit. 113,664; Mar. 7.
Fuller, Paul M., Chicago, Ill., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Caster supporting bracket or similar article. 112,809; Jan. 3.
Fuller, Paul M., Chicago, Ill., assignor to The Rudolph Wurlitzer Company, North Tonawanda, N. Y. Remote control phonograph cabinet. 114,322; Apr. 18.

Fuller, Paul M., Chicago, Ill., assignor to The Rudolph Wurlitzer Company. Electric remote control casing or the like. 115,203; June 13.
Fullerton, Incorporated. (See Fullerton, Robert H., assignor.)
Fullerton, Robert H., assignor to Fullerton, Incorporated, St. Paul, Minn. Portable photocopying machine. 114,585; May 2.
Funk, James M., Ottawa, assignor to Airmaster Corporation, Chicago, Ill. Impeller. 113,347; Feb. 14.
Funk, Truman B., Jackson, Mich. Floor sweeper. 113,224; Feb. 7.
Furtsch, Amson, New York, N. Y. Belt buckle. 114,263; Apr. 11.
Fusco, Sylvester, New York, N. Y. Combined evening and street dress. 117,439; Oct. 31.
Gabriel, William A., Oakland, Calif., assignor to Sanitary Vending Company. Dispensing device. 116,135; Aug. 15.
Gaertner, Frederick J., Maplewood, N. J. Jewelry setting or similar article. 116,337; Aug. 29.
Gage, Charles S., Cold Spring on Hudson, assignor to Lentheric Incorporated, New York, N. Y. Bottle. 113,558; Feb. 28.
Gagnon, Lawrence J., assignor to The J. Schrader Company, Cleveland, Ohio. Lamp. 112,879; Jan. 10.
Gagnon, Lawrence J., Cleveland, Ohio. Lamp. 113,626; Mar. 7.
Gagnon, Lawrence J., Cleveland, Ohio. Lamp. 113,627; Mar. 7.
Gagnon, Leo J., assignor to Fosgood Corporation, Leominster, Mass. Hair ornament. 113,205; Jan. 31.
Gagnon, Leo J., assignor to Fosgood Corporation, Leominster, Mass. Comb. 116,739; Sept. 19.
Gagnon, Leo J., assignor to Fosgood Corporation, Leominster, Mass. Barrette. 116,740; Sept. 19.
Gaige, Richard T., New York, N. Y., assignor to Volupte, Inc., Elizabeth, N. J. Vanity case or similar article. 115,959; Aug. 1.
Gaige, Richard T., New York, N. Y., assignor to Volupte, Inc., Elizabeth, N. J. Vanity case or similar article. 115,960; Aug. 1.
Gaige, Richard T., New York, N. Y., assignor to Volupte, Inc., Elizabeth, N. J. Vanity case or similar article. 115,961; Aug. 1.
Gaige, Richard T., New York, N. Y., assignor to Volupte, Inc., Elizabeth, N. J. Vanity case or similar article. 115,962; Aug. 1.
Gaige, Richard T., New York, N. Y., assignor to Volupte, Inc., Elizabeth, N. J. Vanity case or similar article. 117,140; Oct. 17.
Gaige, Richard T., New York, N. Y., assignor to Volupte, Inc., Elizabeth, N. J. Vanity case or similar article. 117,141; Oct. 17.
Gaige, Richard T., New York, N. Y., assignor to Volupte, Inc., Elizabeth, N. J. Vanity case or similar article. 117,748; Nov. 21.
Galgano, Michael, and P. Grimaldi, Bristol, Conn. Combined milk bottle and newspaper holder. 113,139; Jan. 31.
Galowitz, Morris, New York, N. Y. Dress. 115,037; May 30.
Galowitz, Morris, New York, N. Y. Dress. 115,997; Aug. 1.
Galowitz, Morris, New York, N. Y. Dress. 118,211; Dec. 19.
Galter, Jack, Chicago, Ill. Camera. 114,323; Apr. 18.
Galter, Jack, Chicago, Ill. Camera. 114,324; Apr. 18.
Galter, Jack, Chicago, Ill. Electric razor. 114,325; Apr. 18.
Galter, Jack, Chicago, Ill. Electric razor. 114,326; Apr. 18.
Galter, Jack, Chicago, Ill. Pipe. 116,494; Sept. 5.
Galter, Jack, Chicago, Ill. Magnet toy. 117,264; Oct. 24.
Gardella, Anthony J., and C. W. Buckingham, Chicago, Ill. Automobile radio aerial. 113,907; Mar. 21.
Gardner, Cummings, Los Angeles, Calif. Electric shaving device. 113,348; Feb. 14.
Gardner, Emmet G., assignor to National Enameling & Stamping Co., Milwaukee, Wis. Space heater. 117,229; Oct. 17.
Gardner, John M., Trenton, N. J. Chair. 114,892; May 23.
Garlick, Walter J., Jr., Glen Ridge, assignor to American Transformer Company, Newark, N. J. Electrical transformer. 113,062; Jan. 24.
Garlick, Walter J., Jr., Glen Ridge, assignor to American Transformer Company, Newark, N. J. Electrical transformer. 114,947; May 23.
Garner, Lue O., and F. Montesi, Memphis, Tenn. Vending machine. 112,942; Jan. 17.
Garner, Lue O., and F. Montesi, Memphis, Tenn. Vending machine. 116,820; Sept. 26.
Garrett, Arthur O. (See Turner, Harry E., assignor.)
Garrison, Forrest C., Highland Park, assignor to The Oscar C. Rixon Co., Chicago, Ill. Pivot hinge. 118,012; Dec. 12.
Garrou Knitting Mills. (See Lang, Karl, assignor.)
Garson, Otto A., Oak Park, assignor to Armour and Company, Chicago, Ill. Combined sausage display and container unit or the like. 118,305; Dec. 26.
Garten, William, Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Cake safe. 115,038; May 30.
Garten, William, Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Bread box. 115,039; May 30.
Garten, William, Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Canister or similar article. 115,040; May 30.
Garten, William, Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Wastebasket or similar container. 116,226; Aug. 22.
Garten, William, Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Cake box. 116,227; Aug. 22.
Garten, William, Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Bread box. 116,228; Aug. 22.
Garten, William, Baltimore, Md., assignor to Owens-Illinois Can Company, Wilmington, Del. Bread box. 116,229; Aug. 22.
Garvey, John B., Philadelphia, Pa. Crucifix. 117,450; Nov. 7.
Gassaway, Walter T., Sacramento, Calif. Boat. 117,415; Oct. 31.
Gassman, Edward, Brooklyn, N. Y. Plug for bathtubs, sinks, and the like. 116,024; Aug. 8.
Gast, George A., assignor to Community Educational Clubs, Inc., Chicago, Ill. Changeable exhibitor. 113,162; Jan. 31.
Gast, George A., assignor to R. T. Moloney, Chicago, Ill. Vending machine. 113,708; Mar. 14.
Gatch, Milton W., assignor to The Gatch Wire Goods Company, Baltimore, Md. Fly swatter blade. 116,366; Aug. 29.
Gatch Wire Goods Company, The. (See Gatch, Milton W., assignor.)
Gates, Arnold N., Cleveland Heights, Ohio. Eye shade or similar article. 116,427; Aug. 29.
Gates Rubber Company, The. (See Nassimbene, Ernest, assignor.)
Gaul, Elmer W., Buffalo, N. Y. Garment fastener. 117,830; Nov. 28.
Gaultier, Michael P., St. Paul, and M. L. Alexander, Minneapolis, Minn. Washing machine. 115,879; July 25.
Geauque, Harry A. (See Jones, D. P., and Geauque.)
Geffen, Bertha, New York, N. Y. Dress. 116,877; Sept. 26.
Geffen, Bertha, New York, N. Y. Dress ensemble. 118,212; Dec. 19.
Geffner, Samuel H., New York, N. Y. Skirt or similar article. 116,114; Aug. 8.
Geier, P. A., Company, The. (See Martinet, Eugene F., assignor.)
Geiger, George. (See Van Doren, H., and Geiger.)
Geist, Bernard, New York, N. Y. Blouse. 114,757; May 16.
Gelardin, Albert, New York, N. Y. Flashlight case. 114,327; Apr. 18.
Geller, Abraham, New York, N. Y. Dress. 116,115; Aug. 8.
Geller, Andrew, New York, N. Y. Shoe. 116,707; Sept. 19.
Geller, Andrew, New York, N. Y. Shoe. 116,708; Sept. 19.
Gellert, Irving, New York, N. Y. Dress. 113,085; Jan. 24.
Gellert, Joseph, New York, N. Y. Fur coat. 116,638; Sept. 12.
Gellman, Israel C. (See Petskeyes, C. H., and Gellman.)
Gellman Manufacturing Company. (See Petskeyes, C. H., and Gellman, assignors.)
Gemex Company. (See Sand, John, assignor.)
Gemmill, Claudia M., York, Pa. Cigarette holder or similar article. 115,921; Aug. 1.
General Controls Co. (See Ray, William A., assignor.)
General Electric Company. (See Andersen, Henry A., assignor.)
General Electric Company. (See Gustafson, Gustave A., assignor.)
General Electric Company. (See Knight, James L., assignor.)
General Electric Company. (See Petzold, William B., assignor.)
General Electric Company. (See Propernick, August A., assignor.)
General Fireproofing Company. (See Brainard, George C., assignor.)
General Fireproofing Company, The. (See Powell, Dwight, assignor.)
General Motors Corporation. (See Critchfield, R. M., and Roberts, assignors.)
General Motors Corporation. (See Knickerbocker, Leland A., assignor.)
General Motors Corporation. (See Koubek, John L., assignor.)
General Motors Corporation. (See Meyer, Paul A., assignor.)
General Oil Heating Corporation. (See Carter, George I., assignor.)
General Outdoor Advertising Co. (See Lynch, Jeremiah P., assignor.)
General Products Company. (See Scanlon, Edward C.)
General Sports, Inc. (See Turner, Archibald J., assignor.)
General Time Instruments Corporation. (See Dreyfuss, Henry, assignor.)

General Time Instruments Corporation. (See Schlenker, Max, assignor.)
General Tire & Rubber Company, The. (See Anderson, George W., assignor.)
General Tire & Rubber Company, The. (See Dodge, H. M., and Kraft, assignors.)
General Tire & Rubber Company, The. (See Kraft, Herman T., assignor.)
Genin, Louis E., Bloomfield, N. J. Hand wrench. 113,665; Mar. 7.
Genser Manufacturing Co. (See Genser, Max, assignor.)
Genser, Max, assignor to Genser Manufacturing Co., Providence, R. I. Novelty pin or similar article. 117,366; Oct. 31.
Gentile, Robert, New York, N. Y. Textile fabric. 118,344; Dec. 26.
Gentner, Frederich, Philadelphia, Pa. Curtain. 113,086; Jan. 24.
George, Ralph D. (See Bradley, R. A., and George.)
Gepner, Abraham, Birmingham, Ala. Sweater. 115,477; June 27.)
Gerardy, Francis C., and A. E. Nordland, Kansas City, Mo. Restaurant counter unit. 114,063; Apr. 4.
Gerber Products Company. (See Baker, Kenneth E., assignor.)
Gerhardt, Andrew H., assignor to Electric Household Utilities Corporation, Chicago, Ill. Wringer head. 115,849; July 25.
Gerhart, Charles T., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Cap for liquid dispensing bottle. 117,265; Oct. 24.
Gerhart, Charles T., assignor to The Procter & Gamble Company, Cincinnati, Ohio. Liquid dentifrice dispensing bottle. 117,266; Oct. 24.
Gerth, William H. (See Allen, G. N., and Gerth.)
Geuting, Anthony H., Philadelphia, Pa. Shoe. 115,618; July 11.
Ghose, Satish C., Chicago, Ill. Incense vaporizer. 113,709; Mar. 14.
Giannini, Gabriel M., Great Neck, N. Y., assignor to Automatic Electric Company, Chicago, Ill. Sound translating device. 116,844; Sept. 26.
Gibson Electric Refrigerator Corporation. (See Janes, Richard B., assignor.)
Gibson, Guy T., Inc. (See Chevalier, Georges, assignor.)
Gibson, John W., assignor to J. V. Kelly, Kansas City, Mo. Toy. 116,230; Aug. 22.
Gilbert, A. C., Company, The. (See Frisbie, Marshall H., assignor.)
Gilbert, A. C., Company, The. (See Heller, Robert, assignor.)
Gilbert, Don C., Kansas City, Mo. Display stand or similar article. 113,457; Feb. 21.
Gilkison, Grover C., Elyria, Ohio. Chair. 118,039; Dec. 12.
Gilkison, Grover C., Elyria, Ohio. Chair. 118,040; Dec. 12.
Gilkison, Grover C., Elyria, Ohio. Chair. 118,041; Dec. 12.
Gill Glass & Fixture Company. (See Orth, Richard, assignor.)
Gilleland, Grover W., Steamboat Springs, Colo. Walker unit for convalescents. 116,709; Sept. 19.
Gillies, William S., Los Angeles, Calif. Font of type. 115,807; July 18.
Gillon, John W., assignor to Eastman Kodak Company, Rochester, N. Y. Photographic enlarger. 113,361; Feb. 14.
Gilmore, John L., Kansas City, Mo. Trailer coupler fitting. 117,509; Nov. 7.
Ginsburg, Robert, New York, N. Y. Dress. 117,990; Dec. 5.
Ginsburg, Robert, New York, N. Y. Dress ensemble. 117,991; Dec. 5.
Ginsburg, Robert, New York, N. Y. Dress. 117,995; Dec. 5.
Ginsburg, Robert, New York, N. Y. Dress. 117,996; Dec. 5.
Ginson, Michael, Ann Arbor, Mich. Textile fabric or similar article. 113,362; Feb. 14.
Girl Scouts (Incorporated). (See Bammon, Sylvia H., assignor.)
Girouard, Albert, assignor to Fosgood Corporation, Leominster, Mass. Pair of sun glasses. 116,947; Oct. 3.
Gist, Thomas H., Bloomington, Ill. Announcement stand. 116,338; Aug. 29.
Githens, Otto W., and G. Kende, assignors to Universal Camera Corporation, New York, N. Y. Camera or similar article. 117,174; Oct. 17.
Gladding, McBean & Co. (See Bothwell, Dorr, assignor.)
Gladding, McBean & Co. (See Lawyer, Jean, assignor.)
Glaenzer, Jules, assignor to Cartier, Inc., New York, N. Y. Brooch or similar article of jewelry. 117,039; Oct. 10.
Glass, Benjamin, New York, N. Y. Ice cream cone. 115,494; July 4.
Glass, Morris, New York, N. Y. Child's coat or similar article. 114,481; Apr. 25.
Glass, Morris, New York, N. Y. Child's coat or similar article. 114,857; May 16.
Gledhill, Edward C., assignor to The Gledhill Road Machinery Company, Galion, Ohio. Building. 115,963; Aug. 1.
Gledhill Road Machinery Company, The. (See Gledhill, Edward C., assignor.)
Gleitsman, Harold, New York, N. Y. Hamper or similar article. 114,948; May 23.
Gleitsman, Harold, New York, N. Y. Hamper or similar article. 115,230; June 13.
Gleitsman, Harold, New York, N. Y. Hamper or similar article. 117,367; Oct. 31.
Gleitsman, Harold, New York, N. Y. Hamper or similar article. 117,368; Oct. 31.
Gleitsman, Harold, New York, N. Y. Hamper or similar article. 117,396; Oct. 31.
Glenshaw Glass Company. (See Meyer, Albert C., assignor.)
Glenwood Range Company. (See Wiley, Clarence F., assignor.)
Glick, Leo, New York, N. Y. Ensemble dress. 116,210; Aug. 15.
Globe-Wernicke Company, The. (See Braun, Francis F., assignor.)
Globe-Wernicke Company, The. (See Braun, F. F., and Hearn, assignors.)
Glover, Eloise H., Sanford, N. C. Dress. 116,284; Aug. 22.
Gluck, Fred, New York, N. Y. Knitted shoe or similar article. 117,922; Dec. 5.
Gluck, Fred, New York, N. Y. Knitted shoe or similar article. 117,923; Dec. 5.
Goat Radio Tube Parts, Inc. (See Hafecost, F., and Staver, assignors.)
Goddeyne, Leo D., Bay City, Mich. Spear. 114,893; May 23.
Goebel, W. (See Hummel, Berta, assignor.)
Gogarn, Ray A., Detroit, Mich. Bait box. 117,666; Nov. 21.
Gold, Ernest, New York, N. Y. Lady's collar. 117,317; Oct. 24.
Goldberg, Aaron S., assignor to Bunting Glider Company, Philadelphia, Pa. Chair. 112,992; Jan. 24.
Goldberg, Aaron S., Philadelphia, Pa. Glider. 117,244; Oct. 17.
Goldberg, Aaron S., Philadelphia, Pa. Glider. 117,245; Oct. 17.
Goldberg, Aaron S., Philadelphia, Pa. Glider. 117,246; Oct. 17.
Goldberg, Aaron S., Philadelphia, Pa. Glider. 117,247; Oct. 17.
Goldberg, Aaron S., Philadelphia, Pa. Chair. 117,267; Oct. 24.
Goldberg, Harold, assignor to Abels, Wasserberg & Co., Inc., New York, N. Y. Lamp shade or similar article. 115,786; July 18.
Golden, Ira J., Searcy, Ark. Stove. 117,949; Dec. 5.
Golden, Louis J., Chicago, Ill. Child's shoe. 117,397; Oct. 31.
Goldman, Harry, New York, N. Y. Dress. 114,974; May 23.
Goldman, Harry, New York, N. Y. Dress. 115,998; Aug. 1.
Goldman, Harry, New York, N. Y. Dress. 116,428; Aug. 29.
Goldman, Harry, New York, N. Y. Dress. 116,782; Sept. 19.
Goldman, Harry, New York, N. Y. Dress ensemble. 117,040; Oct. 10.
Goldman, Meyer, Jersey City, N. J. Shoe or similar article. 118,013; Dec. 12.
Goldschmidt, Benjamin, New York, N. Y. Coat. 114,280; Apr. 11.
Goldschmidt, Benjamin, New York, N. Y. Coat. 114,975; May 23.
Goldsmith, Samuel R., New York, N. Y. Handbag. 112,826; Jan. 3.
Goldsmith, Samuel R., New York, N. Y. Handbag. 113,349; Feb. 14.
Goldsmith, Samuel R., New York, N. Y. Handbag. 115,548; July 4.
Goldsmith, Samuel R., New York, N. Y. Handbag. 116,658; Sept. 12.
Goldsmith, Samuel R., New York, N. Y. Handbag. 117,398; Oct. 31.
Goldstein, Samuel J., New York, N. Y. Dress. 116,773; Sept. 19.
Goldstein, Samuel J., New York, N. Y. Dress. 116,774; Sept. 19.
Goldstein, Samuel J., New York, N. Y. Dress. 116,775; Sept. 19.
Good, Carleton R., and W. T. Hegg, River Forest, Ill. Illuminated writing pad. 117,096; Oct. 10.
Gooding, Chester B., Wakefield, Mass. Combination desk unit. 117,899; Dec. 5.
Goodkind, Louis W., New York, N. Y. Lady's suit. 114,395; Apr. 18.
Goodkind, Louis W., New York, N. Y. Lady's suit. 117,731; Nov. 21.
Goodman, Benjamin F., New York, N. Y. Scarf or similar article. 116,189; Aug. 15.
Goodman, Benjamin F., New York, N. Y. Scarf or similar article. 116,875; Sept. 26.
Goodman, Harry, and V. S. Dillingham, assignors to R. M. Wolfe, Oklahoma City, Okla. Air conditioning vaporizer. 118,042; Dec. 12.

Goodman, Lillian, Brooklyn, assignor to Mitchell Brothers, Inc., New York, N. Y. Textile fabric. 117,848; Nov. 28.
Goodman, Morton, New York, N. Y. Dress. 113,087; Jan. 24.
Goodrich, B. F., Company, The. (See Demick, Kenneth C., assignor.)
Goodrich, B. F., Company, The. (See Lipp, Archie C., assignor.)
Goodrich Electric Company. (See Saaf, Dirk G., assignor.)
Goodstein, Lawrence, New York, N. Y. Comfortable. 113,987; Mar. 28.
Goodstein, Lawrence, New York, N. Y. Comfortable. 115,167; June 6.
Goodstein, Lawrence, New York, N. Y. Comfortable. 115,179; June 6.
Goodwin, William A., Lincoln, Nebr. Milk bottle carrier. 115,619; July 11.
Goodyear Footwear Corporation. (See Stuart, Henry A., assignor.)
Gordon, Benjamin, New York, N. Y. Textile fabric or similar article. 117,618; Nov. 14.
Gordon, Benjamin, New York, N. Y. Woven textile fabric or similar article. 117,749; Nov. 21.
Gordon, Dale J., and C. F. Cook, Loveland, Colo. Display stand for hosiery or the like. 115,922; Aug. 1.
Gorham Manufacturing Company. (See Price, James R., assignor.)
Gorham Manufacturing Company. (See Woodward, F. R., and Staf, assignors.)
Gorrias, Harry N., Los Angeles, Calif. Game board. 117,786; Nov. 28.
Gossard, H. W., Co., The. (See Wipperman, Hildegard, assignor.)
Gottesman, Osias M., New York, N. Y. Textile fabric or similar article. 114,811; May 16.
Gottlieb, Joseph, Jersey City, N. J. Electric clock. 114,264; Apr. 11.
Gottlieb, Joseph, Jersey City, N. J. Electric clock. 114,577; May 2.
Gottlieb, Leopold, New York, N. Y. Toy animal. 117,632; Nov. 14.
Gottreich, Joseph, New York, N. Y. Embroidered net fabric or similar article. 115,442; June 27.
Gough, James J., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric fan. 113,063; Jan. 24.
Gough, James J., Chicago, Ill. Electric iron. 113,421; Feb. 21.
Gough, James J., Chicago, Ill. Electric heater. 116,948; Oct. 3.
Gough, James J., Chicago, Ill. Electric heater. 116,949; Oct. 3.
Gougler, Marcelline, Chicago, Ill., assignor to Mayer China Company, Beaver Falls, Pa. Plate or similar article. 117,840; Nov. 28.
Gould, Arthur S. (See Emery, William M., and Gould.)
Gould, Arthur S., Lakewood, assignor to The Oster Manufacturing Company, Cleveland, Ohio. Power pipe stand. 114,328; Apr. 18.
Gould, Jacob E., assignor to Detroit Macoid Corporation, Detroit, Mich. Cigarette dispenser. 114,017; Mar. 28.
Goulet, Robert W., Providence, R. I., assignor to Warren Telechron Company. Clock case. 115,620; July 11.
Gourfain, Yvonne, New York, N. Y. Dress ensemble 113,813; Mar. 14.
Government of the United States of America, as represented by the Secretary of War. (See Taylor, J. G., and Case, assignors.)
Government of the United States of America, as represented by the Secretary of War, and his successors in office. (See Taylor, J. G., and Swanson, assignors.)
Government of United States of America, as represented by Secretary of War and his successors in office. (See Taylor, J. G., Wilson, and Swanson, assignors.)
Gower, Stanley M., Skowhegan, Maine. Tooth brush handle. 118,073; Dec. 12.
Gowran, Harry C., assignor to Hamilton Manufacturing Company, Two Rivers, Wis. Dentist's cabinet or the like. 117,807; Nov. 28.
Grade, Joseph Y. (See Poncher, L. S., and Grade.)
Graef, Fred, Cincinnati, Ohio. Game board. 114,812; May 16.
Graef, Fred, Cincinnati, Ohio. Game board. 115,204; June 13.
Graeter, Harold, assignor to Cartier, Inc., New York, N. Y. Brooch or similar article of jewelry. 114,212; Apr. 11.
Graf, Theodore H., Wilmington, Ohio. Settee. 114,445; Apr. 25.
Graff, George R. (See Bennett, P. E., and Graff.)
Graff, Solomon, assignor to Eagle Pleating & Stitching Co. Inc., New York, N. Y. Ribbon. 114,501; Apr. 25.
Graff, Solomon, assignor to Eagle Pleating and Stitching Co. Inc., New York, N. Y. Ribbon. 114,502; Apr. 25.
Graff, Solomon, assignor to Eagle Pleating and Stitching Co. Inc., New York, N. Y. Ribbon. 114,503; Apr. 25.
Graham, George J., Merion, Pa. Tennis racket press. 114,995; May 30.
Granat, Joseph, San Francisco, Calif. Medal or similar article. 118,232; Dec. 26.
Granat, Joseph, San Francisco, Calif. Medal or similar article. 118,233; Dec. 26.
Granat, Leo, San Francisco, Calif. Ring. 117,369; Oct. 31.
Grand Rapids Store Equipment Co. (See Vaughn, Henry P., assignor.)
Grand Rapids Store Equipment Company. (See Welch, Kenneth C., assignor.)
Granger, John H., New York, N. Y. Doll. 113,782; Mar. 14.
Grannis, Russell L., Wilkinsburg, and P. C. Perrin, assignors to Mine Safety Appliances Company, Pittsburgh, Pa. Dispensing device. 114,100; Apr. 4.
Grant, Edmund G., Pasadena, Calif. Boat. 113,458; Feb. 21.
Grant, Frank L., Euclid, Ohio. Combined cigarette package receptacle and match package holder. 116,930; Oct. 3.
Gratiot Fixture & Supply Co. (See Hayes, Edward L., assignor.)
Graves, Edward B., South Euclid, and R. J. Stava, East Cleveland, assignors to Picker X-Ray Corporation, Waite Manufacturing Division, Inc., Cleveland, Ohio. Control panel board and housing for dental X-ray machines. 115,231; June 13.
Gray, Frank C. (See Wishny, M., and Gray.)
Gray, Robert M., Pelham Manor, N. Y. Display sign. 115,396; June 27.
Gray, Walter P., assignor to The Crosley Corporation, Cincinnati, Ohio. Radio cabinet. 117,690; Nov. 21.
Great American Indemnity Company. (See Link, M. P., de Mellier, and Tillinghast, assignors.)
Green, Eliot D., San Francisco, Calif. Ridge cutter for engine cylinders. 114,586; May 2.
Green, Jack, assignor to The J. E. Mergott Company, Newark, N. J. Handbag frame. 113,490; Feb. 28.
Green, Jack, assignor to The J. E. Mergott Company, Newark, N. J. Handbag frame. 114,176; Apr. 11.
Green, Jack, assignor to The J. E. Mergott Company, Newark, N. J. Handbag frame. 114,177; Apr. 11.
Green, Jack, assignor to The J. E. Mergott Company, Newark, N. J. Handbag frame. 114,178; Apr. 11.
Green, Jack, assignor to The J. E. Mergott Company, Newark, N. J. Handbag frame. 116,950; Oct. 3.
Green, Samuel, and H. Miller, New York, N. Y. Brassière. 115,762; July 18.
Greenberg, Morris, Brooklyn, N. Y. Slipper. 113,064; Jan. 24.
Greenberg, Morris W., Buffalo, N. Y. Lifter for plates, dishes, or the like. 115,515; July 4.
Greenblatt, Henry, University City, Mo. Shoe. 116,429; Aug. 29.
Greenblatt, Henry, University City, Mo. Shoe. 116,931; Oct. 3.
Greene, William C., Company. (See Armstrong, George A., assignor.)
Greenfield, Irving, Newark, assignor of one-half to F. W. Schmidt, Maplewood Township, N. J. Combined desk and bookcase. 115,850; July 25.
Greenview Manufacturing Company. (See Siemund, Herman, assignor.)
Greer, Jesse L., Dallas, Tex. Street sign. 115,549; July 4.
Gregg, Roscoe C., Fredericktown, Ohio. Wall lamp or similar article. 114,101; Apr. 4.
Gregg, William L., Fredericktown, Ohio. Wall lamp or similar article. 114,329; Apr. 18.
Gregory, Carey G., Los Angeles, Calif. Combination desk unit. 113,966; Mar. 28.
Greyhound Corporation, The. (See Loewy, Raymond, assignor.)
Grieco, Fred, New York, N. Y. Christmas tree ornament or similar article. 115,787; July 18.
Griesbach, Otto G., Chicago, Ill. Holder for a glass coffee maker. 116,448; Sept. 5.
Griffith, Earl R., assignor of one-half to S. B. Small, Beaumont, Tex. Fishing float. 115,041; May 30.
Griffith, Florence M., Albany, N. Y. Garment supporter. 114,018; Mar. 28.
Grilli, Florence, New York, N. Y. Dress. 118,213; Dec. 19.
Grimaldi, Peter. (See Galgano, M., and Grimaldi.)
Grimm, Frederick C., Washington, N. J. Bathtub. 118,014; Dec. 12.
Grimsley, Leopold C., New York, assignor to H. Hyman, Brooklyn, N. Y. Flashlight. 117,268; Oct. 24.
Grimsley, Leopold C., New York, assignor to H. Hyman, Brooklyn, N. Y. Flashlight. 117,269; Oct. 24.
Grimsley, Leopold C., New York, assignor to H. Hyman, Brooklyn, N. Y. Flashlight. 117,270; Oct. 24.
Grobstein, Irving, New York, N. Y. Dress ensemble. 114,711; May 9.
Grode, John O., Hackensack, N. J. Electric bed lamp. 117,473; Nov. 7.
Grode, John O., Hackensack, N. J. Bed lamp. 117,474; Nov. 7.
Groen, Christopher, Oak Park, Ill., assignor to A. Y. McDonald Mfg. Co., Dubuque, Iowa. Valve handle. 114,330; Apr. 18.
Groene, William F., and W. R. Meyer, assignors to The R. K. Le Blond Machine Tool Company, Cincinnati, Ohio. Crankshaft lathe. 116,951; Oct. 3.
Groeniger, William C., Columbus, Ohio. Defecator. 113,838; Mar. 21.
Gromes, Adolf, Hoboken, N. J. Sliding panel fire screen. 117,142; Oct. 17.

Gross, A., Candle Co. (See Baumer, Norbert J., assignor.)
Gross, Arthur R., St. Paul, Minn. Display stand. 114,674; May 9.
Gross, Arthur R., St. Paul, Minn. Display stand. 114,675; May 9.
Gross, Raphael, Brooklyn, N. Y. Spinning tumbler. 113,508; Feb. 28.
Gross, Miriam, Chicago, Ill. Kitchen gauntlet. 114,996; May 30.
Grosvenor, C. A., Shoe Co. (See Grosvenor, Charles A., assignor.)
Grosvenor, Charles A., assignor to C. A. Grosvenor Shoe Co., Worcester, Mass. Slipper or similar article. 115,923; Aug. 1.
Grotta, Joseph E., New York, N. Y. Scarf. 114,446; Apr. 25.
Grover, Frederic S., assignor to Rochester Germicide Company, Rochester, N. Y. Wall casing for a deodorant dispenser or similar article. 113,036; Jan. 24.
Gruber, Harry J., et al. (See Maerz, Frederick K., assignor.)
Gruber, Max D., et al. (See Maerz, Frederick K., assignor.)
Gruenberg, James J., Chicago, Ill. Transparent container for displaying live insects. 117,173; Oct. 17.
Gruensfelder, Rose, St. Louis, Mo. Shoe. 114,587; May 2.
Gruensfelder, Rose, St. Louis, Mo. Shoe. 117,950; Dec. 5.
Grullemans, Evelyn C., Mentor, Ohio. Combined bottle, applicator, and container therefor. 117,560; Nov. 14.
Grundstrom, Erik G., assignor to Advance Aluminum Castings Corp., Chicago, Ill. Saucepan or similar article. 114,535; May 2.
Grundstrom, Erik G., assignor to Advance Aluminum Castings Corp., Chicago, Ill. Broiler grill. 118,234; Dec. 26.
Grünzweig, Lorenz, Kew Gardens, N. Y. Combined rotary blotter and penholder. 116,025; Aug. 8.
Grybos, John J., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Motor pump vehicle. 113,183; Jan. 31.
Gudell, Rudolph T., North Chicago, assignor of one-half to G. A. Feeny, Chicago, Ill. Portable altar. 117,808; Nov. 28.
Guerin, Jacques, Paris, France. Perfume bottle container. 112,943; Jan. 17.
Guerra, Anthony, Hackensack, N. J. Knife. 114,396; Apr. 18.
Guerra, Anthony, Hackensack, N. J. Game board. 117,787; Nov. 28.
Gugler, Eric, assignor to Steinway & Sons, New York, N. Y. Piano case. 113,628; Mar. 7.
Gugler, Eric, assignor to Steinway & Sons, New York, N. Y. Lyre for a piano. 113,629; Mar. 7.
Gugler, Eric, assignor to Steinway & Sons, New York, N. Y. Piano leg. 113,630; Mar. 7.
Gugler, Eric, assignor to Steinway & Sons, New York, N. Y. Grand piano. 113,631; Mar. 7.
Guhl, Maclyn, New York, N. Y. Textile fabric. 113,184; Jan. 31.
Guhl, Maclyn, New York, N. Y. Textile fabric. 113,263; Feb. 7.
Guild, The. (See Crandall, Donald O.)
Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Cigarette box or similar article. 113,559; Feb. 28.
Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated, New Kensington, Pa. Tray or the like. 117,711; Nov. 21.
Guild, Lurelle, Noroton, Conn., assignor to Kensington, Incorporated. New Kensington, Pa. Plate or the like. 117,712; Nov. 21.
Guild, Lurelle, Darien, Conn., assignor to Electrolux Corporation, New York, N. Y. Suction nozzle. 116,932; Oct. 3.
Guild, Vera P. (See Lovgren, C., Burgess, and Guild.)
Guildford, Frank, assignor to Scammell China Co., Trenton, N. J. Plate. 113,306; Feb. 14.
Gulbranson Company. (See Zack, Samuel E., assignor.)
Gundelfinger, William E., assignor to Knapp-Monarch Company, St. Louis, Mo. Sadiron or the like. 116,161; Aug. 15.
Gunthel & Cruveilher. (See Cruveilher, Louis, assignor.)
Gustafson, Gustave A., Meriden, Conn., assignor to General Electric Company. Globe for lighting fixtures. 117,475; Nov. 7.
Gustin, Winifred M., Winchester, Mass. Novelty pin. 114,447; Apr. 25.
Guth Stern & Co. (See Negbaur, Harry, assignor.)
Guthrie, James M., Pittsburgh, assignor of one-half to J. C. Keaney, Mount Lebanon, Pa. Bottle. 118,330; Dec. 26.
Guttman, John, Brooklyn, N. Y., assignor to Arrow Manufacturing Company Incorporated, Hoboken, N. J. Display case. 117,713; Nov. 21.
Guttman, John, Elmhurst, N. Y., assignor to Arrow Manufacturing Company Incorporated, Hoboken, N. J. Display case. 117,714; Nov. 21.
H. & K. Furniture Co. (See Hartman, Abraham, assignor.)
H & W Company, Inc., The. (See Kaufmann, George A., assignor.)
Haag, Charles J., Carlstadt, N. J. Goggle. 112,977; Jan. 17.
Haag, Theodore T., Plainfield, assignor to Security Steel Equipment Corporation, Avenel, N. J. Desk or similar article. 113,140; Jan. 31.
Haag, Theodore T., Plainfield, assignor to Security Steel Equipment Corporation, Avenel, N. J. Typist's desk. 113,383; Feb. 21.
Haag, Theodore T., Plainfield, assignor to Security Steel Equipment Corporation, Avenel, N. J. Table desk or similar article. 113,459; Feb. 21.
Haas, Carl F., Cleveland, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Lighting unit. 113,509; Feb. 28.
Haas, Frank A., New York, N. Y. Rug or similar article. 116,979; Oct. 3.
Haas, Frank A., New York, N. Y. Rug or similar article. 117,063; Oct. 10.
Haas, Frank A., New York, N. Y. Floor covering or the like. 117,271; Oct. 24.
Haas, Frank A., New York, N. Y. Floor covering or the like. 117,335; Oct. 24.
Haase, Leo G., Hollywood, Calif. Incinerator. 117,633; Nov. 14.
Haaser, Lawrence C., assignor to The Sozonian Vault Company, Bucyrus, Ohio. Casket rest. 114,064; Apr. 4.
Habegger, Carl T., Berne, Ind. Band uniform or similar article. 115,232; June 13.
Haberstump, Alfred H. (See Vodoz, F. W., and Haberstump.)
Haberstump, Alfred H., assignor to The Murray Corporation of America, Detroit, Mich. Carpet sweeper. 113,108; Jan. 31.
Hacker, Harry, Brooklyn, N. Y. Pipe. 117,715; Nov. 21.
Hacmac, Edward R., Hollywood, Calif. Combined closure dispenser and mixer for a container. 112,773; Jan. 3.
Hacmac, Edward R., Hollywood, Calif. Combined dispenser and closure for a container. 112,880; Jan. 10.
Hacmac, Edward R., Hollywood, Calif., assignor to Na-Mac Products Company. Food mixer. 112,956; Jan. 17.
Hacmac, Edward R., Hollywood, Calif., assignor to Na-Mac Products Company. Combined dispenser and closure for a container. 113,894; Mar. 21.
Hacmac, Edward R., Hollywood, Calif., assignor to Na-Mac Products Company. Combined dispenser and closure for a container. 114,536; May 2.
Hadley, Company, The. (See Ingleby, George A., assignor.)
Hadley Company, The. (See Tost, Charles R., assignor.)
Hadley, Donald L. (See Barnsteiner, A., and Hadley.)
Hadley, Donald L. (See Russell, W. J., and Hadley.)
Hadley, Donald L., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Roaster. 115,168; June 6.
Hadley, Donald L., Forest Hills, Pa., assignor to Westinghouse Electric & Manufacturing Company. Range. 117,561; Nov. 14.
Haertel, Walter, Minneapolis, Minn. Fur cleaning apparatus. 114,845; May 16.
Hafecost, Frederick, and E. F. Staver, assignors to Goat Radio Tube Parts, Inc., Brooklyn, N. Y. Radio tube shield. 113,065; Jan. 24.
Hafften, Douglas J. (See Petersen, B. L., and Hafften.)
Hafften, Douglas J., Minneapolis, Minn. Game board. 117,951; Dec. 5.
Hafler, Lizzie, assignor to S. S. Rice, Jr. ,and A. S. Klein, doing business as Tailor Maid Blouses, Los Angeles, Calif. Blouse. 113,185; Jan. 31.
Hafner, August, Whitestone, Long Island, N. Y. Textile fabric or similar article. 116,659; Sept. 12.
Haggart, John C., Jr., Westfield, N. J., assignor to Signal Service Corporation. Reflector signal device or the like. 116,339; Aug. 29.
Haggstrom, Arthur C., Rockford, Ill. Cabinet for a radio broadcast receiver or similar article. 115,788; July 18.
Haggstrom, Arthur C., Rockford, assignor to R. T. Moloney, Chicago, Ill. Vending machine. 117,952; Dec. 5.
Hagstrom, Joseph E., assignor to The Vendo Company, Kansas City, Mo. Bottle vending machine. 115,830; July 25.
Hale, Alfred, Rubber Company. (See Cutler, Adelbert C., assignor.)
Halfin, Gates A. (See O'Neill, J. D., and Sullivan, assignors.)
Hall, Akos J., New York, N. Y. Combined ashtray, cigarette receptacle, and match holder. 117,272; Oct. 24.
Hall China Company, The. (See Thorley, Joseph P., assignor.)
Hall, Robert W., Los Angeles, Calif. Massage brush. 116,162; Aug. 15.
Hamblet, Marcia C., New York, N. Y. Candle. 115,110; June 6.
Hamblet, Marcia C., New York, N. Y. Candle. 116,460; Sept. 5.
Hamblet, Marcia C., New York, N. Y. Candle. 117,041; Oct. 10.
Hamilton, Alfred F., Seattle, Wash. Game board. 115,550; July 4.
Hamilton, Everett R., assignor to National Pressure Cooker Company, Eau Claire, Wis. Pressure cooker. 113,510; Feb. 28.
Hamilton Manufacturing Company. (See Fay, John C., assignor.)

Hamilton Manufacturing Company. (See Gowran, Harry C., assignor.)
Hamlin, Benjamin M., assignor to Universal Trunk Company, Chicago, Ill. Suitcase. 113,737; Mar. 14.
Hammer, Birchall, Elkins Park, Pa. Picture exhibiting medallion. 115,332; June 20.
Hammer-Bray Company. (See Leonard, Joseph E., assignor.)
Hammer, Hyman C., Chicago, Ill. Sign. 114,213; Apr. 11.
Hammer, Hyman C., Chicago, Ill. Bracket sign. 114,214; Apr. 11.
Hammer, Hyman C., Chicago, Ill. Sign. 114,215; Apr 11.
Hammer, Hyman C., Chicago, Ill. Sign. 114,216; Apr. 11.
Hammer, Isadore, New York, N. Y. Dress. 113,473; Feb. 21.
Hammerman, Meyer A., Chicago, Ill. Bunting. 112,827; Jan. 3.
Hammond, Clifford V., San Francisco, Calif. Infant's utility cabinet. 116,026; Aug. 8.
Hammond Instrument Company. (See Stephens, George H., assignor.)
Hammonds, Lessie, Fort Worth, Tex. Hairpin holder. 115,710; July 11.
Hampshire, John C., New York, N. Y. Deck of playing cards. 114,386; Apr. 18.
Hancock, John A., Sr., Columbia, S. C. Pick-up device for game pieces. 115,789; July 18.
Hand, Thomas L., assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Coffee grinder. 113,738; Mar. 14.
Hand, Thomas L., assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Meat slicing machine or similar article. 113,839; Mar. 21.
Hand, Thomas L., assignor to The Cincinnati Time Recorder Company, Cincinnati, Ohio. Combined carriage and spacer guide for meat slicing machines. 114,588; May 2.
Handelman, Charles, Chicago, Ill. Sawing machine. 117,143; Oct. 17.
Handler, Maurice S., New York, N. Y. Coat. 113,202; Jan. 31.
Handler, Maurice S., New York, N. Y. Coat. 113,491; Feb. 28.
Handler, Maurice S., New York, N. Y. Coat. 113,492; Feb. 28.
Handler, Maurice S., New York, N. Y. Coat. 113,560; Feb. 28.
Handler, Maurice S., New York, N. Y. Coat. 113,666; Mar. 7.
Handler, Maurice S., New York, N. Y. Coat. 113,667; Mar. 7.
Handler, Maurice S., New York, N. Y. Coat. 113,739; Mar. 14.
Handler, Maurice S., New York, N. Y. Suit. 113,814; Mar. 14.
Hansen, Melvin O., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 113,384; Feb. 21.
Hansen, Melvin O., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 113,385; Feb. 21.
Hansen, Melvin O., assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 115,496; July 4.
Hansen, Ray C., assignor to M and M Wood Working Company, Portland, Oreg. Greenhouse. 118,279; Dec. 26.
Hansmann. Ernest, assignor to The Continental Elastic Corporation, New Bedford, Mass. Braided fabric or article of similar nature. 116,367; Aug. 29.
Hanson, Martin, Chicago, Ill. Chest or similar article. 114,179; Apr. 11.
Hanson Scale Company. (See Hanssen, Stan L., assignor.)
Hanssen, Stan L., assignor to Hanson Scale Company, Chicago, Ill. Scale. 117,900; Dec. 5.
Haon, Dorothy, New York, N. Y. Dress. 116,764; Sept. 19.
Haon, Dorothy, New York, N. Y. Dress. 117,027; Oct. 3.
Haon, Marion, New York, N. Y. Dress. 116,407; Aug. 29.
Haon, Marion, New York, N. Y. Dress. 117,121; Oct. 10.
Haon, Ruth, New York, N. Y. Dress ensemble. 116,285; Aug. 22.
Happel, Albert W., assignor to Western Cataphote Corporation, Toledo, Ohio. Highway marker. 112,835; Jan. 3.
Hardage, Clarence A., assignor to Crouse-Hinds Company, Syracuse, N. Y. Housing for electrical apparatus. 113,740; Mar. 14.
Hardeman, William E., Acocks Green, Birmingham, England, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Tire. 112,993; Jan. 24.
Hardeman, William E., Acocks Green, Birmingham, England, assignor to Dunlop Tire & Rubber Corporation, Buffalo, N. Y. Tire. 117,175; Oct. 17.
Hardwick, Christopher L., Cleveland, Tenn. Handle for gas ranges. 115,551; July 4.
Hardwick, Christopher L., Cleveland, Tenn. Handle for gas ranges. 115,552; July 4.
Hare, Montgomery, St. James, N. Y. Combined ashtray and receptacle. 118,043; Dec. 12.
Harley, Bertron G., Saco, Maine. Trailer coupler or similar article. 116,027; Aug. 8.
Harms, Joe G., Mansfield, Ohio, assignor to Westinghouse Electric & Manufacturing Company. Waffle iron. 116,971; Oct. 3.
Harnage, Hal, Maywood, Calif. Self-closing bottle cap. 116,676; Sept. 12.
Harris, Clara F., Kansas City, Mo. Lipstick case. 117,562; Nov. 14.
Harris, Herbert M., New York, N. Y. Dress. 113,944; Mar. 21.
Harris, Herbert M., New York, N. Y. Dress. 114,616; May 2.
Harris, Herbert M., New York, N. Y. Dress. 114,813; May 16.
Harris, Herbert M., New York, N. Y. Dress ensemble. 114,881; May 16.
Harris, Herbert M., New York, N. Y. Dress. 114,882; May 16.
Harris, Herbert M., New York, N. Y. Dress. 115,585; July 4.
Harris, Herbert M., New York, N. Y. Dress. 116,776; Sept. 19.
Harris, Herbert M., New York, N. Y. Dress. 116,777; Sept. 19.
Harris, Herbert M., New York, N. Y. Dress. 116,778; Sept. 19.
Harris, Herbert M., New York, N. Y. Dress. 116,783; Sept. 19.
Harris, Herbert M., New York, N. Y. Dress. 118,345; Dec. 26.
Harris, Lou, New York, N. Y. Dress. 116,660; Sept. 12.
Harris, Lou, New York, N. Y. Dress. 116,661; Sept. 12.
Harris, Marion, New York, N. Y. Textile fabric. 115,443; June 27.
Harris, Murray, assignor to Paramount Display Company, Fort Worth, Tex. Clock. 115,553; July 4.
Harrison-Craig Mfg. Co. (See Harrison, William H., assignor.)
Harrison, Raymond B., Dover, N. H. Shoe heater. 113,493; Feb. 28.
Harrison, William H., assignor to Harrison-Craig Mfg. Co., Los Angeles, Calif. Film viewing device. 115,397; June 27.
Harriss, Lloyd J. (See Lambers, Bernard, assignor.)
Hart, George B., Inc. (See Bittel, Edward A., assignor.)
Hart, Henry J. (See Dowd, B. J., and Hart.)
Hartman, Abraham, assignor to H. & K. Furniture Co., Inc., New York, N. Y. Table. 114,758; May 16.
Hartman, Harry, Los Angeles, Calif. Pin. 117,563; Nov. 14.
Hartmann, Milford W., Hutchinson, Kans. Air control pump. 118,115; Dec. 19.
Hartmann Trunk Company. (See Chesnut, William C., assignor.)
Hartzler, Robert B. (See Busey, B. A., and Hartzler.)
Harvey, Bruce J., Des Moines, Iowa. Broom holder or similar article. 117,849; Nov. 28.
Hasenstein, Chester, Sheboygan, Wis. Chair. 114,065; Apr. 4.
Hassan, Ameen B., Paris, Tex. Dispensing machine cabinet. 114,894; May 23.
Hassen, Abraham, and M. Meyers, Chicago, Ill. Lamp. 113,988; Mar. 28.
Hastedt, John, et al. (See Biva, Lucien, assignor.)
Hat Corporation of America. (See Cavanagh, John, assignor.)
Hat Corporation of America. (See Johnson, Lulu A., assignor.)
Hat Corporation of America. (See Moran, Alys C., assignor.)
Hater, Harry J., Cincinnati, Ohio, and L. Macloon, Culver City, Calif., assignors to Footlong, Inc., Cincinnati, Ohio. Combined refreshment stand and shade therefor. 117,809; Nov. 28.
Hathaway, Herbert. (See Manchester, W. S., and Hathaway.)
Hausmann, Frederick W., Maplewood, assignor to H. Boker & Co., Inc., New York, N. Y. Shears or the like. 118,280; Dec. 26.
Havemeyer, Herbert E., Riverside, Ill. Log tongs. 115,574; July 4.
Haven, Kent C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Combined washing machine and wringer. 113,494; Feb. 28.
Haven, Kent C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Combined washing machine and wringer. 113,495; Feb. 28.
Haven, Kent C., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Demonstrator washing machine. 116,952; Oct. 3.
Havey, Philip F., Washington, D. C. Cigarette holder. 116,028; Aug. 8.
Havlis, Adolph J., Oak Park, assignor to Keystone Metal Products Co., Chicago, Ill. Tumbler rack. 113,037; Jan. 24.
Havlis, Adolph J., Oak Park, assignor to Keystone Metal Products Co., Chicago, Ill. Tumbler rack. 114,397; Apr. 18.
Havlis, Adolph J., Oak Park, assignor to Keystone Metal Products Co., Chicago, Ill. Tumbler rack. 117,042; Oct. 10.
Hawe, William F. M., Crafton, assignor to Consolidated Lamp & Glass Company, Coraopolis, Pa. Light diffusing glass. 115,816; July 18.

Hawe, William F. M., Crafton, assignor to Consolidated Lamp & Glass Company, Coraopolis, Pa. Light diffusing glass. 115,817; July 18.
Hawkins, Paul E., Lakewood, assignor to The Baker-Raulang Company, Cleveland, Ohio. Roof for a vehicle body. 114,448; Apr. 25.
Hawkins, Paul E., Lakewood, assignor to The Baker-Raulang Company, Cleveland, Ohio. Roof for a vehicle body. 114,482; Apr. 25.
Hayden, Samuel and C. J. Amick, Los Angeles, Calif., assignors to Century Metalcraft Corporation, Chicago, Ill. Combined cooking and serving container or similar article. 114,949; May 23.
Hayes, Edward L., assignor to Gratiot Fixture & Supply Co., Detroit, Mich. Display counter. 115,495; July 4.
Haynes, Artemas J., New York, N. Y. Mask for photographic test strips. 116,953; Oct. 3.
Haynie, Joseph F., Jr., El Dorado, Ark. Instrument cabinet. 114,950; May 23.
Hay's Beverages, Inc. (See Rising, Paul E., assignor.)
Hazel-Atlas Glass Company. (See Hendrickson, Jack L., assignor.)
Hazel-Atlas Glass Company. (See Smith, Frasier, assignor.)
Hazel-Atlas Glass Company, The. (See Spence, James E., assignor.)
Hazelwood, Floyd P., W. N. Sherman, and E. C. Wheeler, Topeka, Kans. Game board. 114,066; Apr. 4.
Headley, George W., 3rd, assignor to P. E. Flato, New York, N. Y. Lady's handbag or similar article. 115,111; June 6.
Headley, George W., 3d, assignor to Paul E. Flato, New York, N. Y. Cuff link or similar article. 116,029; Aug. 8.
Hearn, Thomas. (See Braun, F. F., and Hearn.)
Heaslet, James G., Hudson, assignor to The Cleveland Tractor Company, Cleveland, Ohio. Crawler tractor. 116,319; Aug. 22.
Heaslet, James G., Hudson, assignor to The Cleveland Tractor Company, Cleveland, Ohio. Wheel tractor. 116,320; Aug. 22.
Heath, Irving J., New York, N. Y. Oyster dish or similar article. 115,398; June 27.
Heath, Irving J., New York, N. Y. Salad plate. 115,399; June 27.
Heath, Walter N. (See Birdseye, C., Wilson, and Heath.)
Heberger, Linus F., Rochester, N. Y., assignor to Metal Arts Company. Finger ring. 116,340; Aug. 29.
Hebner, William F., Paonia, Colo. Tax token dispenser. 116,136; Aug. 15.
Heddon, John, assignor to James Heddon's Sons, Dowagiac, Mich. Snow ring for a ski pole. 116,603; Sept. 12.
Heddon's, James, Sons. (See Heddon, John, assignor.)
Heddon's, James, Sons. (See McArthur, Joseph, assignor.)
Hedgpeth, Theron L., Oak Park, assignor to Duro Metal Products Company, Chicago, Ill. Power-driven hand tool unit. 115,042; May 30.
Hedin, Oscar C., Minneapolis, Minn. Counterbore. 116,341; Aug. 29.
Hefferan, Robert F., Grand Rapids, assignor to Winters & Crampton Corporation, Grandville, Mich. Stove handle. 116,604; Sept. 12.
Hegg, Wendell T. (See Good, C. R., and Hegg.)
Heichelbech, Edward, et al. (See Walkley, James M., assignor.)
Heidt, Alexander J., Woodhaven, N. Y. Electrician's test set. 116,329; Aug. 22.
Heil, Norman E., Ridgewood, and J. O. Camp, Glen Rock, N. J. Dispensing cabinet. 114,637; May 9.
Heims, Lillian, New York, N. Y. Dress or similar article. 113,163; Jan. 31.
Heims, Lillian, New York, and M. Ellenbogen, Long Island City, N. Y. Dress or similar article. 113,474; Feb. 21.
Heise, Arthur R., Woodbridge, assignor to The Wm. Schollhorn Company, New Haven, Conn. Ticket punch. 113,225; Feb. 7.
Heisey, A. H., & Company. (See Heisey, Edgar W., assignor.)
Heisey, A. H., & Company. (See Heisey, T. Clarence, assignor.)
Heisey, A. H., & Company. (See Heisey, Thomas C., assignor.)
Heisey, Edgar W., assignor to A. H. Heisey & Company, Newark, Ohio. Combined glass candlestick and vase holder or article of similar nature. 115,400; June 27.
Heisey, T. Clarence, assignor to A. H. Heisey & Company, Newark, Ohio. Glass tumbler or article of similar nature. 114,712; May 9.
Heisey, T. Clarence, assignor to A. H. Heisey & Company, Newark, Ohio. Glass relish dish or article of similar nature. 114,895; May 23.
Heisey, T. Clarence, assignor to A. H. Heisey & Company, Newark, Ohio. Glass celery tray or article of similar nature. 115,205; June 13.
Heisey, T. Clarence, assignor to A. H. Heisey & Company, Newark, Ohio. Glass relish dish or article of similar nature. 115,497; July 4.
Heisey, T. Clarence, assignor to A. H. Heisey & Company, Newark, Ohio. Glass relish dish or article of similar nature. 115,818; July 18.
Heisey, T. Clarence, assignor to A. H. Heisey & Company, Newark, Ohio. Glass goblet or article of similar nature. 115,819; July 18.
Heisey, T. Clarence, assignor to A. H. Heisey & Company, Newark, Ohio. Glass jelly dish or article of similar nature. 116,030; Aug. 8.
Heisey, Thomas C., assignor to A. H. Heisey & Company, Newark, Ohio. Combined glass powder and powder puff container or article of similar nature. 114,180; Apr. 11.
Heisey, Thomas C., assignor to A. H. Heisey & Company, Newark, Ohio. Glass jelly dish or article of similar nature. 114,181; Apr. 11.
Heisey, Thomas C., assignor to A. H. Heisey & Company, Newark, Ohio. Glass floral bowl or article of similar nature. 114,182; Apr. 11.
Heisey, Thomas C., assignor to A. H. Heisey & Company, Newark, Ohio. Glass torte plate or article of similar nature. 114,183; Apr. 11.
Heisey, Thomas C., assignor to A. H. Heisey & Company, Newark, Ohio. Glass candleblock or article of similar nature. 114,217; Apr. 11.
Heit, Philip, New York, N. Y. Dress ensemble. 118,346; Dec. 26.
Heitner, William, New York, N. Y. Coat. 113,932; Mar. 21.
Heitner, William, New York, N. Y. Coat. 113,933; Mar. 21.
Heitner, William, New York, N. Y. Coat. 113,934; Mar. 21.
Heitner, William, New York, N. Y. Coat. 113,935; Mar. 21.
Heitner, William, New York, N. Y. Coat. 113,936; Mar. 21.
Heizmann, Charles L., Cumru Township, Berks County, assignor to Earl Hardware Manufacturing Co., Reading, Pa. Hinge. 116,878; Sept. 26.
Helander, Lillian V. M., assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 113,866; Mar. 21.
Held, Siegfried, Chicago, Ill. Ozonizer. 117,564; Nov. 14.
Helfman, Nathan, New York, N. Y. Dress. 113,908; Mar. 21.
Heller, Henry R., assignor to Winter & Co., New York, N. Y. Lyre for a piano. 113,741; Mar. 14.
Heller, Henry R., assignor to Winter & Co., New York, N. Y. Piano. 118,116; Dec. 19.
Heller, Robert, New York, N. Y., assignor to The A. C. Gilbert Company, New Haven, Conn. Mixing bowl. 113,511; Feb. 28.
Heller, Robert, New York, N. Y., assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Stapler. 114,265; Apr. 11.
Heller, Robert, New York, N. Y., assignor to The E. H. Hotchkiss Company, Norwalk, Conn. Stapler. 117,144; Oct. 17.
Heller, Robert, New York, assignor to The Jacobs Bros. Co. Inc., Brooklyn, N. Y. Scale casing. 117,273; Oct. 24.
Heller, Henry R., assignor to Winter & Co., New York, N. Y. Piano. 115,498; July 4.
Heller, Henry R., assignor to Winter & Co., New York, N. Y. Piano. 115,499; July 4.
Heller, Henry R., assignor to Winter & Co., New York, N. Y. Piano. 116,264; Aug. 22.
Heller, Henry R., assignor to Winter & Co., New York, N. Y. Piano music rack. 116,265; Aug. 22.
Helmco, Inc. (See Lacy, Herman E., assignor.)
Helzick, Benjamin, Brooklyn, N. Y. Camera or similar article. 115,313; June 20.
Hemmerich, Hugo, assignor to Berkshire Knitting Mills, Wyomissing, Pa. Stocking. 118,074; Dec. 12.
Henderson, Bancroft W., Montclair, N. J. Animal boot. 118,006; Dec. 5.
Henderson, Kathryn D., New York, N. Y. Mitten. 114,680; May 9.
Hendler, Louis J., San Francisco, Calif. Ash tray. 114,679; May 9.
Hendricks, George P., Oakland, assignor of one-half to J. Cruze, Hayward, Calif. Book end. 115,112; June 6.
Hendrickson, Jack L., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jug. 115,516; July 4.
Hendrickson, Jack L., assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. 115,652; July 11.
Henkin, Ruth, New York, N. Y. Dress. 114,713; May 9.
Hennessy, John F., assignor to Geo. D. Roper Corporation, Rockford, Ill. Oven burner for a gas range. 115,880; July 25.
Henney Motor Company. (See Schofield, Earl L., assignor.)
Hennings, Raymond A., New Orleans, La. Display stand. 114,102; Apr. 4.
Henningsen, John. (See Albertson, V. N., and Henningsen.)
Henrici Laundry Machinery Company. (See Belding, Harold L., assignor.)
Herdegen, Ilsa, New York, N. Y. Negligee. 117,426; Oct. 31.
Herdegen, Ilsa, New York, N. Y. Negligee. 118,336; Dec. 26.
Herman, Edward B., Minneapolis, Minn. Ashtray. 117,716; Nov. 21.
Herman, Edward W. (See Teague, Walter D. and W. D., Jr., and Herman.)
Hermann, James C., Los Angeles, Calif. Housing for bathtub fittings. 117,476; Nov. 7.
Hermann, James C., Los Angeles, Calif. Combined handle and escutcheon. 118,015; Dec. 12.

Herr, Frank E., Lancaster, Pa. Oil burner. 114,331; Apr. 18.
Herr, Frank E., Lancaster, Pa. Oil burner. 114,951; May 23.
Herr, Frank E., Lancaster, Pa. Oil burner. 117,634; Nov. 14.
Herrmann, Helene, New York, N. Y. Dress. 113,164; Jan. 31.
Herrmann, Helene, New York, N. Y. Dress. 114,148; Apr. 4.
Herrmann, Helene, New York, N. Y. Dress. 114,281; Apr. 11.
Herron, Frank T., Chattanooga, Tenn., assignor to The American Brake Shoe and Foundry Company, New York, N. Y. Stove. 115,314; June 20.
Herschell, Allan, Company. (See Wendler, William J., assignor.)
Hersey, William A. (See Lux, F., and Hersey.)
Hersey, William A., assignor to Waterbury Button Company, Waterbury, Conn. Condiment shaker. 118,235; Dec. 26.
Hersey, William A., assignor to The Waterbury Button Company, Waterbury, Conn. Condiment shaker. 118,236; Dec. 26.
Hersey, William A., assignor to The Waterbury Button Company, Waterbury, Conn. Condiment shaker. 118,237; Dec. 26.
Hershfield, Walter, assignor to Babs Creations, Inc., New York, N. Y. Combined perfume bottle and holder therefor. 116,845; Sept. 26.
Hershman, Oakley H., Indianapolis, Ind. Traffic marker. 115,333; June 20.
Herz, Alfred, New York, N. Y. Toy. 117,399; Oct. 31.
Herzog, Henry, Lincoln, Nebr. Tray. 114,883; May 16.
Herzog, Milton H., Chicago, Ill. Ring. 115,289; June 20.
Hess, Theodore. (See Thorn, R. J., and Hess.)
Hettinger, George, East Rutherford, N. J., assignor to Du-La Manufacturing Company. Insecticide spraying device. 114,067; Apr. 4.
Hettrick Manufacturing Company, The. (See Smith, William I., assignor.)
Hettrick Manufacturing Company, The. (See Vavrik, Louis, assignor.)
Hettrick Manufacturing Company, The. (See Vavrik, L., and Friesner, assignors.)
Hettrick Manufacturing Company, The. (See West, Carmon E., assignor.)
Heym, Norman F., Owosso, Mich., assignor to Renown Stove Company. Cook stove. 116,954; Oct. 3.
Heyman, Nathan, assignor to Oscar Heyman & Brothers, Inc., New York, N. Y. Ring. 117,495; Nov. 7.
Heyman, Oscar, & Brothers, Inc. (See Heyman, Nathan, assignor.)
Heywood-Wakefield Company. (See Larsen, Lewis, assignor.)
Heywood Wakefield Company. (See Shurcliff, Sarah P., assignor.)
Hickok Manufacturing Company. (See Deming, Frederick G., assignor.)
Hickok Manufacturing Company. (See Manning, Daniel T., assignor.)
Hickok Manufacturing Company. (See Shields, Lowell W., assignor.)
Hickok Manufacturing Company. (See Vaisey, Harold C., assignor.)
Hicks, Eileen, Indianapolis, Indiana. Make-up shield or similar article. 117,868; Nov. 28.
Higgins, Andrew J., New Orleans, La. Boat hull. 113,668; Mar. 7.
Higgins, Andrew J., New Orleans, La. Combined propeller shaft strut and rudder support. 113,694; Mar. 7.
Higham, William W., assignor to Universal Cooler Corporation, Detroit, Mich. Refrigerating cabinet. 116,449; Sept. 5.
Higham, William W., assignor to Universal Cooler Corporation, Detroit, Mich. Refrigerating cabinet. 118,281; Dec. 26.
Hildebrand, Otto G., and G. Brabenec, Cleveland, Ohio; said Brabenec assignor to said Hildebrand. Lens remover for automobile headlights. 115,334; June 20.
Hilf, Ruth, Croton on Hudson, assignor to Bernard Bernstein Textile Co., New York, N. Y. Textile fabric. 113,109; Jan. 31.
Hill, C. V., & Company. (See Hill, Chauncey V., assignor.)
Hill, C. V., & Company. (See Hoffman, Cyrus F., assignor.)
Hill, Chauncey V., assignor to C. V. Hill & Company, Incorporated, Trenton, N. J. Combined storage and display case or the like. 115,621; July 11.
Hill, Chauncey V., assignor to C. V. Hill & Company, Incorporated, Trenton, N. J. Refrigerated vegetable stand. 117,145; Oct. 17.
Hill, Sydney E., assignor to Pearson-Page-Jewsbury Co. Limited, Witton, Birmingham, England. Vase or similar article. 115,290; June 20.
Hillenbach, William, Ardsley, N. Y. Combined surface drainer and stopper. 115,924; Aug. 1.
Hillyard Chemical Company. (See Posch, Rudolph A., assignor.)
Hinckley-Myers Company. (See Price, Arthur E., assignor.)
Hines, Richard K., New York, N. Y. Display container for golf balls and tees. 113,840; Mar. 21.
Hiolle, Philippe, Paris, France, assignor to Lucien Lelong, Inc., Chicago, Ill. Bottle or similar article. 113,422; Feb. 21.
Hirsch, B. F., Inc. (See Simon, William, assignor.)
Hirsch Company. (See Stratton, Philip B., assignor.)
Hirsch, Jules, New York, N. Y. Brooch or similar article. 113,742; Mar. 14.
Hirsch, Jules, New York, N. Y. Brooch or similar article. 113,783; Mar. 14.
Hirsch, Jules, New York, N. Y. Clip pin. 114,218; Apr. 11.
Hirsch, Jules, New York, N. Y. Brooch or similar article. 114,655; May 9.
Hirsch, Jules, New York, N. Y. Brooch or similar article. 114,656; May 9.
Hirsch, Jules, New York, N. Y. Brooch or similar article. 115,401; June 27.
Hirsch, Jules, New York, N. Y. Clip pin or similar article. 115,402; June 27.
Hirsch, Jules, New York, N. Y. Brooch or similar article. 115,403; June 27.
Hirsch, Jules, New York, N. Y. Brooch or similar article. 115,444; June 27.
Hirsch, Jules, New York, N. Y. Brooch or similar article. 115,445; June 27.
Hirsch, Richard V., South Gate, Calif. Scriber or the like. 116,933; Oct. 3.
Hirsch, Rudolph, North Bergen, assignor to The Reiss-Premier Corporation, West New York, N. J. Mouthpiece for smoking pipes, cigarette holders, or similar articles. 117,975; Dec. 5.
Hirsh, Fred, New York, N. Y., assignor to Adjusta Company. Buckle. 117,565; Nov. 14.
Hirsh, George P., New York, N. Y. Dress. 116,662; Sept. 12.
Hirsh, Melvin, Chicago, Ill. Coat. 115,586; July 4.
Hoban, Fairfield W., assignor to Stewart and McGuire, Incorporated, New York, N. Y. Vending machine casing or the like. 114,657; May 9.
Hobart Manufacturing Company, The. (See Meeker, D. A., and Allen, assignors.)
Hobart Manufacturing Company, The. (See Meeker, D. A., and Arens, assignors.)
Hobba, Clayton T., Los Angeles, Calif., assignor to Larus & Brother Company, Inc., Richmond, Va. Jacket for tobacco containers. 114,366; Apr. 18.
Hobbs, Laurence G., assignor to United States Traveware Corporation, Fitchburg, Mass. Display basket. 114,537; May 2.
Hobbs, Verne F., assignor to Allis-Chalmers Manufacturing Company, Milwaukee, Wis. Tractor. 116,307; Aug. 22.
Hobson, Ota O., Chariton, Iowa. Whatnot. 114,184; Apr. 11.
Hobson, Ota O., Chariton, Iowa. Magazine rack or similar article. 114,186; Apr. 11.
Hobson, Ota O., Chariton, Iowa. Wastebasket. 114,759; May 16.
Hobson, Ota O., Chariton, Iowa. Bedstead. 114,896; May 23.
Hobson, Ota O., Chariton, Iowa. Supporting bar rack. 115,113; June 6.
Hobson, Ota O., Chariton, Iowa. Display stand. 115,404; June 27.
Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Combined broiler grill and pan. 117,732; Nov. 21.
Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Broiler grill. 117,733; Nov. 21.
Hobson, Stanley H., assignor to Geo. D. Roper Corporation, Rockford, Ill. Broiler pan. 117,734; Nov. 21.
Hoch, Frederick R., Norton, assignor to T. J. Holmes Co. Inc., Chartley, Mass. Bottle. 115,554; July 4.
Hoch, Frederick R., Norton, assignor to T. J. Holmes Co., Inc., Chartley, Mass. Bottle. 115,790; July 18.
Hoch, Frederick R., Norton, assignor to T. J. Holmes Co., Inc., Chartley, Mass. Bottle. 115,791; July 18.
Hoch, Frederick R., Norton, assignor to T. J. Holmes Co., Inc., Chartley, Mass. Bottle. 115,792; July 18.
Hoch, Frederick R., Norton, assignor to T. J. Holmes Co., Inc., Chartley, Mass. Atomizer. 116,710; Sept. 19.
Hoch, Frederick R., Norton, assignor to T. J. Holmes Co., Inc., Chartley, Mass. Atomizer. 116,741; Sept. 19.
Hoch, Frederick R., Norton, assignor to T. J. Holmes Co., Inc., Chartley, Mass. Atomizer. 116,742; Sept. 19.
Hoch, John, Corona, Long Island, N. Y. Container cap. 112,810; Jan. 3.
Hockman, Kenneth F. (See Hockman, Woodrow M. and K. F.)
Hochman, Louis, Brooklyn, N. Y. Lady's handbag. 113,669; Mar. 7.
Hockman, Woodrow M. and K. F., Lansdale, Pa. Utility cabinet. 114,103; Apr. 4.
Hoefler, Herbert G., New Haven, Conn. Bird bath for bird cages. 113,165; Jan. 31.
Hoegger, Walter, New York, N. Y. Textile fabric. 114,617; May 2.
Hoegger, Walter, New York, N. Y. Textile fabric. 114,618; May 2.
Hoegger, Walter, New York, N. Y. Textile fabric. 114,619; May 2.
Hoegger, Walter, New York, N. Y. Textile fabric. 114,620; May 2.
Hoegger, Walter, New York, N. Y. Textile fabric. 114,621; May 2.

Hoegger, Walter, New York, N. Y. Textile fabric. 114,622; May 2.
Hoenigsberger, Harry L., Chicago, Ill. Portable sample carrier. 118,283; Dec. 26.
Hoeter, Frederick W., assignor to Dalynip Pourer Corporation, New York, N. Y. Bottle pourer. 117,841; Nov. 28.
Hoffman, Allan C., Milldale, and F. Reutter, assignors to Scovill Manufacturing Company, Waterbury, Conn. Inhaler. 118,044; Dec. 12.
Hoffman, Bernard J., Jr., Forest Hills, Long Island, N. Y. Bathing suit or similar article. 117,976; Dec. 5.
Hoffman, Cyrus F., assignor to C. V. Hill & Company, Incorporated, Trenton, N. J. Display case. 114,185; Apr. 11.
Hoffman, Frank B., Chicago, Ill. Ash tray. 114,676; May 9.
Hoffmann, Edward C., University City, Mo. Pencil sharpener. 117,901; Dec. 5.
Hoffmann, John, & Sons Company. (See Walters, Joseph C., assignor.)
Hoffmann, Wolfgang, Batavia, assignor to The Howell Company, St. Charles, Ill. Table top. 116,560; Sept. 12.
Hohner, M., Inc. (See Vassos, John, assignor.)
Hohs, Earnest F. G., Renfrew, Ontario, Canada. Combination refrigerator and cooking range. 114,538; May 2.
Hokstad, Sverre, Jersey City, N. J. Optical display stand. 114,306; Apr. 11.
Holden, Dean H., Cleveland, Ohio. Electric lighting fixture. 117,176; Oct. 17.
Holden, Edith S., New York, N. Y. Doll. 115,669; July 11.
Holden, Orloff W., Chicago, Ill. Wall shower bracket. 115,180; June 6.
Holiday Corporation. (See Parr, George T., assignor.)
Holister, Frank O., and P. W. Wortman, Los Angeles, Calif. Beater. 115,335; June 20.
Hollander, Joseph, Baton Rouge, La. Gift novelty. 113,226; Feb. 7.
Hollengreen, Milburn A., and C. R. Mentzer, assignors to Landis Tool Company, Waynesboro, Pa. Headstock for machine tools. 115,964; Aug. 1.
Hollindale, Wilfred H., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Outside door handle or similar article for an automotive vehicle. 115,670; July 11.
Holmdahl, Arthur C., Kellogg, Iowa. Game board. 116,696; Sept. 19.
Holmes, Ralph H., Hartington, Nebr. Combined salt and pepper shaker or the like. 115,925; Aug. 1.
Holmes, T. J., Co. (See Hoch, Frederick R., assignor.)
Holmes, T. J., Company. (See Lohse, Frederick W., assignor.)
Holt, George C., and N. D. Fish, assignors to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Display container for writing instruments or the like. 117,437; Oct. 31.
Holt, George C., assignor to W. A. Sheaffer Pen Company, Fort Madison, Iowa. Tray for displaying articles of merchandise. 112,944; Jan. 17.
Holt, George W., Jr., San Francisco, Calif., assignor to Marathon Paper Mills Company, Rothschild, Wis. Paper tray. 116,163; Aug. 15.
Holtz, Abraham, Clarks Summit, Pa. Curtain or similar article. 116,821; Sept. 26.
Holyoke Card & Paper Company. (See von Ehrn, Carl W., assignor.)
Holzinger, William H., Chicago, Ill. Chair. 112,994; Jan. 24.
Holzinger, William H., Chicago, Ill. Chair. 116,231; Aug. 22.
Honig, Herman, New York, N. Y. Dress ensemble. 113,561; Feb. 28.
Honig, Jacob L., New York, N. Y. Dress or similar article. 117,750; Nov. 21.
Hood, Henry J., assignor to Eastman Kodak Company, Rochester, N. Y. Lantern slide tray. 118,282; Dec. 26.
Hood Rubber Company. (See Hosker, Clarence E., assignor.)
Hook, Arley U., assignor to Bersted Manufacturing Company, Fostoria, Ohio. Electric fan. 112,836; Jan. 3.
Hook, Arley U., assignor to Bersted Manufacturing Company, Fostoria, Ohio. Beverage mixer. 115,517; July 4.
Hook, Arley U., assignor to Bersted Manufacturing Company, Fostoria, Ohio. Beverage mixer receptacle. 115,965; Aug. 1.
Hooper, Leland S., et al. (See Compton, Beaulard J., assignor.)
Hoople, Warner W. (See Tefft, I. D., Christenson, and Hoople.)
Hoos, Willem, assignor to Naamlooze Vennootschap: Vereinigde Touwfabrieken, Rotterdam, Netherlands. Rug or similar article. 114,814; May 16.
Hoosier Desk Company. (See Norman, George De M., assignor.)
Hoover Company, The. (See Dreyfuss, Henry, assignor.)
Hoover, Daniel S., Mansfield, Ohio. Steering wheel for motor vehicles or the like. 114,266; Apr. 11.
Hope, Samuel N. (See Broeren, F. L., and Hope.)
Hope Webbing Company. (See Horton, C. A., and Dinsmore, assignors.)
Hopkins, Horner H., Des Moines, Iowa. Knife holder. 115,926; Aug. 1.
Hopkins, Roy S., assignor to Eastman Kodak Company, Rochester, N. Y. Projection viewing apparatus. 114,789; May 16.
Horlacher, Albert F. (See Woodruff, A. E., and Horlacher.)
Horn, Harry J. (See Hunt, J H., and Horn.)
Hornbostel, Edward A., Des Moines, Iowa. Meat tenderer. 113,307; Feb. 14.
Horne, Otis, Atlanta, Ga. Building. 117,691; Nov. 21.
Horowitz, Jack, New York, N. Y. Textile fabric. 113,909; Mar. 21.
Horowitz, Jack, New York, N. Y. Textile fabric. 113,910; Mar. 21.
Horowitz, Jack, New York, N. Y. Textile fabric. 113,911; Mar. 21.
Horowitz, Jack, New York, N. Y. Textile fabric. 113,912; Mar. 21.
Horowitz, Jack, New York, N. Y. Textile fabric. 113,956; Mar. 21.
Horowitz, Jack, New York, N. Y. Textile fabric. 113,989; Mar. 28.
Horsley, Caperton B., assignor to Sutton-Horsley Company Limited, Toronto, Ontario, Canada. Portable X-ray transformer housing. 115,114; June 6.
Horsley, James H., Chicago, Ill. Combined cigarette and gum holder. 114,367; Apr. 18.
Horsley, James H., assignor to Shanklin Manufacturing Company, Chicago, Ill. Combined calendar and scratch pad holder. 117,667; Nov. 21.
Horstman, John H., assignor to The Huffman Manufacturing Company, Dayton, Ohio. Can opener. 116,031; Aug. 8.
Horton, Charles A., and J. C. Dinsmore, Providence, R. I., assignors to Hope Webbing Company. Tape. 116,822; Sept. 26.
Horton, George T., Chicago, Ill. Elevated tank. 112,995; Jan. 24.
Horton, George T., Chicago, Ill. Elevated tank. 114,539; May 2.
Horton, George T., Chicago, Ill. Elevated tank. 114,540; May 2.
Hoshafian, Lucy, New York, N. Y. Dress. 116,663; Sept. 12.
Hoshafian, Lucy, New York, N. Y. Dress. 117,028; Oct. 3.
Hosker, Clarence E., assignor to Hood Rubber Company, Inc., Watertown, Mass. Shoe. 112,996; Jan. 24.
Hotchkiss, E. H., Company, The. (See Heller, Robert, assignor.)
Hotstream Heater Company, The. (See Morrow, Clarence H., assignor.)
Hotstream Heater Company, The. (See Perrin, Paul C., assignor.)
Houbigant, Inc. (See Manoha, Jacques, assignor.)
Houdaille-Hershey Corporation. (See Jandus, Herbert S., assignor.)
Houdaille-Hershey Corporation. (See Mills, Donald H., assignor.)
Houle, Melvin C., assignor to O. Housholder and D. C. Cohen, copartners, doing business as Crystal Manufacturing Co., Chicago, Ill. Merchandise display case. 116,561; Sept. 12.
Houle, Melvin C., assignor to O. Housholder and D. C. Cohen, copartners doing business as Crystal Manufacturing Co., Chicago, Ill. Merchandise display rack. 116,562; Sept. 12.
Houle, Melvin C., assignor to O. Housholder and D. C. Cohen, copartners, doing business as Crystal Manufacturing Co., Chicago, Ill. Sign or similar article. 116,605; Sept. 12.
Houle, Melvin C., assignor to O. Housholder and D. C. Cohen, copartners, doing business as Crystal Manufacturing Co., Chicago, Ill. Merchandise display stand. 116,972; Oct. 3.
Houle, Melvin C., assignor to O. Housholder and D. C. Cohen, copartners doing business as Crystal Manufacturing Co., Chicago, Ill. Merchandise display stand. 118,016; Dec. 12.
Houle, Melvin C., Chicago, Ill. Merchandise display rack. 118,117; Dec. 19.
Housholder, Owen. (See Houle, Melvin C., assignor.)
Housholder, Owen, et al. (See Jurs, Ora, assignor.)
Housholder, Owen. (See Trojan, Jose, assignor.)
Housekeeper, Earl J. (See Schellin, J. C., Love, and Housekeeper.)
Housman, David, Boston, Mass. Radio receiving set. 115,148; June 6.
Housman, David, Boston, Mass. Radio receiving set. 115,149; June 6.
Houston, Agnes, Casper, Wyo. Child's dress. 117,005; Oct. 3.
Houston, William A., Bayonne, N. J. Confection. 116,461; Sept. 5.
Hovey, George B., Cincinnati, Ohio. Prayer medal. 117,451; Nov. 7.
Howard, Sylvia, New York, N. Y. Textile fabric. 117,427; Oct. 31.
Howard, Viola T., Saylesville, R. I., assignor to Swank Products, Inc. Belt clasp. 112,997; Jan. 24.
Howell Company, The. (See Hoffmann, Wolfgang, assignor.)
Howell Company, The. (See Waltman, Chauncey E., assignor.)

Howell, Herbert H., Buffalo, N. Y. Lifting jack. 114,068; Apr. 4.
Hower, Harry C., Chicago, Ill. Automobile tire. 115,851; July 25.
Howlett, Lewis G., assignor to Cookware Company of America, Hartford, Mich. Cooking vessel. 113,632; Mar. 7.
Huber, Josephine, Elmwood Park, Ill. Cooky. 117,043; Oct. 10.
Huber, Otto E., Reading, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 117,064; Oct. 10.
Huber, Otto E., Reading, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 117,065; Oct. 10.
Huber, William C., Chicago, Ill. Bumper guard. 116,308; Aug. 22.
Hucknall, Hage W., Douglaston, N. Y. Lace. 112,904; Jan. 10.
Hucknall, Hage W., Douglaston, N. Y. Lace. 112,905; Jan. 10.
Hucknall, Hage W., Douglaston, N. Y. Lace. 112,906; Jan. 10.
Hucknall, Hage W., Douglaston, N. Y., assignor to The American Lace Mfg. Co., Elyria, Ohio. Lace. 113,264; Feb. 7.
Hucknall, Hage W., Douglaston, N. Y., assignor to The American Lace Mfg. Co., Elyria, Ohio. Lace. 117,044; Oct. 10.
Hucknall, Hage W., Douglaston, N. Y., assignor to the American Lace Mfg. Co., Elyria, Ohio. Lace. 117,416; Oct. 31.
Hudachek, Richard F., Los Angeles, Calif. Combination ashtray and cigarette receptacles. 116,368; Aug. 29.
Huesing, Adolf, Passaic, N. J. Cigarette dispenser. 116,823; Sept. 26.
Huestis, Elizabeth A., Greenville, R. I. Doll. 117,668; Nov. 21.
Hufa Cosmetic Company. (See Fabisch, Louise, assignor.)
Huff, Ray Z., Jackson, Mich. Outlet box. 115,206; June 13.
Huffman Manufacturing Company, The. (See Horstman, John H., assignor.)
Hug, Rudolph, West Reading, assignor to Textile Machine Works, Wyomissing, Pa. Thread control device for knitting machines and the like. 113,265; Feb. 7.
Hughes, Edwin J., Jr., Larchmont, N. Y. Combined golf bag and dress shirt compartment. 113,325; Feb. 14.
Huizing, John D., New York, N. Y. Ribbon. 117,343; Oct. 24.
Hull, Robert W., Connersville, Ind. Frozen food cabinet. 116,955; Oct. 3.
Hulsh, Benjamin M. (See Rosen, S., and Hulsh.)
Hummel, Berta, Siessen over Saulgau, assignor to W. Goebel, Oeslau near Coburg, Germany. Statuette or similar article. 116,462; Sept. 5.
Hummel, Berta, Siessen over Saulgau, assignor to W. Goebel, Oeslau near Coburg, Germany. Statuette or similar article. 116,463; Sept. 5.
Hummel, Berta, Siessen over Saulgau, assignor to W. Goebel, Oeslau near Coburg, Germany. Statuette or similar article. 116,464; Sept. 5.
Hummel, Berta, Siessen over Saulgau, assignor to W. Goebel, Oeslau near Coburg, Germany. Statuette or similar article. 116,465; Sept. 5.
Humphries, Earle E., Los Angeles, Calif. Packaged seed display stand. 114,997; May 30.
Hunker, Martin L., assignor to Reeves Steel and Manufacturing Company, Dover, Ohio. Ridge roll. 112,998; Jan. 24.
Hunker, Martin L., assignor to Reeves Steel and Manufacturing Company, Dover, Ohio. Roofing sheet. 113,038; Jan. 24.
Hunt, J Harold, and H. J. Horn, assignors to Motor Wheel Corporation, Lansing, Mich. Wheel. 114,118; Apr. 4.
Hunter, George W., Wayne Township, Cass County, Mich. Envelope. 116,824; Sept. 26.
Hunziker, Hans, Nutley, N. J., assignor to Colonial Mills, Inc., New York, N. Y. Textile fabric. 113,088; Jan. 24.
Huss, Raymond S., Bala-Cynwyd, Pa. Combination desk unit. 116,934; Oct. 3.
Hussmann-Ligonier Company. (See Blazey, Lawrence, assignor.)
Hust, Hurley G., assignor to National Ice Advertising, Inc., Chicago, Ill. Label. 114,104; Apr. 4.
Hutcheson, Ray R., assignor to The Everedy Company, Frederick, Md. Tray. 113,841; Mar. 21.
Hutcheson, Ray R., assignor to The Everedy Company, Frederick, Md. Combined ashtray, cigarette support, and snubber. 113,967; Mar. 28.
Hutchison, Miller R., Jr., Rochester, N. Y. Color temperature meter casing. 112,999; Jan. 24.
Hutchison, William E., Atlanta, Ga. Holder for pocketbooks, gloves, and the like. 113,895; Mar. 21.
Hutt, George A. (See Hutt, Robert J. and G. A.)
Hutt, Robert J. and G. A., Brooklyn, N. Y. Doily. 117,977; Dec. 5.
Huxter, Walker L. C., Richmond, Va. Trailer. 116,321; Aug. 22.
Huxter, Walker L. C., Richmond, Va. Trailer. 116,322; Aug. 22.
Huxter, Walker L. C., Richmond, Va. Trailer. 116,323; Aug. 22.
Hydraulic Development Corporation. (See Ernst, W., and Van Doren, assignors.)
Hydraulic Development Corp. (See Muller, Johan A., assignor.)
Hydraulic Development Corporation. (See Van Doren, H., and Geiger, assignors.)
Hygrade Sylvania Corporation. (See Bowie, Robert M., assignor.)
Hygrade Sylvania Corporation. (See Caverly, Donald P., assignor.)
Hyle, Eburn C. (See Mack, A., and Hyle.)
Hyman, Morris, New York, N. Y. Dress. 115,600; July 4.
Hymer, Harry E., Harrison, N. Y. Game device. 115,115; June 6.
Hyman, Henry. (See Grimsley, Leopold C., assignor.)
Hyman, Henry. (See Muldoon, Bernard F., assignor.)
Hyman, Solomon, New York, N. Y. Belt. 117,428; Oct. 31.
Iannelli, Alfonso, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Coffee maker. 113,512; Feb. 28.
Iannelli, Alfonso, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Coffeepot. 113,513; Feb. 28.
Iannelli, Alfonso, assignor to Chicago Flexible Shaft Company, Chicago, Ill. Coffee maker bowl. 113,514; Feb. 28.
Ideal Fastener Corporation. (See Behrens, Walter A., assignor.)
Ideal Fastener Corporation. (See Lawson, Birdsall P., assignor.)
Ignall, Theodore J., Sunnyside, Long Island, and E. Penker, Astoria, assignors to Cardinal Parfums, Inc., New York City, N. Y. Receptacle for perfume bottles or the like. 118,045; Dec. 12.
Illian, Douglas F., Evanston, Ill. Electric table lamp. 114,998; May 30.
Illmer, Louis. (See Stuart, Harve R., assignor.)
Imperial Brass Manufacturing Company, The. (See McIntosh, Robert D., assignor.)
Ingleby, George A., Cranston, assignor to The Hadley Company, Inc., Providence, R. I. Collar holder or similar article. 114,790; May 16.
Ingleby, George A., Cranston, assignor to The Hadley Company, Inc., Providence, R. I. Cuff link. 116,342; Aug. 29.
Ingraham, E., Company, The. (See Ciccarelli, Ostilio, assignor.)
Ingraham, William W., Williamstown, W. Va. Game board. 116,825; Sept. 26.
Ingram, John L., Hebron, Ohio. Table top. 117,274; Oct. 24.
Ingwer, Carl H., and C. E. Wright, Elyria, Ohio. Die head. 116,266; Aug. 22.
Ingwer, Max, Forest Hills, Long Island, assignor to Consolidated Sewing Machine & Supply Co. Inc., New York, N. Y. Belt guard for sewing machines. 117,692; Nov. 21.
Injection Moulding Corp. (See Berliner, Eleanor S., assignor.)
International Cigar Machinery Company. (See Wheeler, H. H., and Rosengren, assignors.)
International Corset Company. (See Schopbach, C. H., and Laguzzi, assignors.)
International Mutoscope Reel Co. Inc. (See Robin, Jacob I., assignor.)
International Salt Co. (See MacLean, Malcolm F., assignor.)
International Silver Company. (See Conroy, Edward J., assignor.)
International Silver Company. (See Helander, Lillian V. M., assignor.)
International Silver Company. (See Kintz, Alfred G., assignor.)
International Silver Company. (See Mackewicz, Alexandra, assignor.)
International Silver Company. (See Stark, Frederick W., assignor.)
International Silver Company. (See Theobald, Jean G., assignor.)
Ireland, Isabel, New York, N. Y. Glove or similar article. 113,363; Feb. 14.
Irwin, Maude L., Alameda, Calif. Washboard. 115,711; July 11.
Itton, William M., Chicago, Ill. Badge or similar article. 115,265; June 13.
Ivers-Lee Company. (See Salfisberg, Leroy L., assignor.)
Ives, Clifford E., Chicago, Ill. Electric fence controller. 117,417; Oct. 31.
Jacknick, Harry, Arverne, Long Island, N. Y. Perfume bottle. 116,032; Aug. 8.
Jackson, Beverly R., Los Angeles., Calif. Automotive signal lamp. 117,669; Nov. 21.
Jackson Brewing Company. (See Fabacher, Joseph J., assignor.)
Jackson, Charles G. (See Travis, J. M., and Jackson.)
Jackson, Dwight, and M. H. Jackson. (See Jackson, Marshall H. and W.)
Jackson, Henry J., assignor to Mystoplane Company, Inc., New York, N. Y. Spectacle frame. 118,284; Dec. 26.
Jackson, James R., Alpine, N. J. Radio cabinet or similar article. 116,077; Aug. 8.
Jackson, James R., Alpine N. J., Radio cabinet or similar article. 116,079: Aug. 8.

Jackson, Marshall H. and W., River Forest, assignors to Dwight & M. H. Jackson, Chicago, Ill. Seal press or similar article. 114,149; Apr. 4.
Jackson, Warren. (See Jackson, Marshall H. and W.)
Jacobi, Lester E., assignor to Schenley Distillers Corporation, New York, N. Y. Bottle. 113,141; Jan. 31.
Jacobius, Fred, New York, N. Y. Hat rack. 115,870; July 25.
Jacobs Bros. Co. Inc., The. (See Heller, Robert, assignor.)
Jacobs, Dorothy, New York, N. Y. Uniform dress. 115,892; July 25.
Jacobs, Dorothy, New York, N. Y. Uniform dress. 115,893; July 25.
Jacobs, Dorothy, New York, N. Y. Dress uniform. 117,318; Oct. 24.
Jacobs, Joseph, Detroit, Mich. Coin savings bank. 115,555; July 4.
Jacobs, Joseph H., Minneapolis, Minn. Wind driven twin generator. 114,886; May 16.
Jacobs, Joseph H., Minneapolis, Minn. Engine driven electric generator unit. 116,078; Aug. 8.
Jacobsen, Anna E., Windsor, Conn., assignor to Electrical Testing Laboratories, New York, N. Y. Lamp base. 113,039; Jan. 24.
Jacobson, Leo, New York, N. Y. Dress ensemble. 114,589; May 2.
Jacobson, Leo, New York, N. Y. Dress ensemble. 114,590; May 2.
Jaehne, Alfred H. (See Aldrich, R. N., and Jaehne.)
Jaidus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Combined bumper and a guard or similar article. 115,407; June 27.
Jakway, Walter M., Hollywood, Calif. Bottle or similar container. 114,677; May 9.
James, Earl M., Maplewood, Mo. Atomizer. 114,678; May 9.
James, George. (See Boetticher, Herman W., assignor.)
James, Harold V., Denver, Colo. Tire. 112,978; Jan. 17.
Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Combined bumper and a guard or similar article. 115,405; June 27.
Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Combined bumper and a guard or similar article. 115,406; June 27.
Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Bumper guard or similar article. 117,045; Oct. 10.
Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Bumper or similar article. 117,177; Oct. 17.
Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Bumper or similar article. 117,178; Oct. 17.
Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Bumper or similar article. 117,179; Oct. 17.
Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Bumper or similar article. 117,180; Oct. 17.
Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Bumper or similar article. 117,181; Oct. 17.
Jandus, Herbert S., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Bumper guard or similar article. 117,370; Oct. 31.
Janes, Richard B., Detroit, assignor to Gibson Electric Refrigerator Corporation, Greenville, Mich. Refrigerator cabinet. 118,118; Dec. 19.
Jankelson, Bernard, Seattle, Wash. Top for a dental cabinet or similar article. 116,622; Sept. 12.
Jankowsky, Benjamin, New York, N. Y. Finger ring or similar article of jewelry. 116,914; Oct. 3.
Janssen Piano Co. (See Dentz, Thomas J., assignor.)
Janus, Joseph J., Chicago, Ill. Picture frame. 116,164; Aug. 15.
Japan Merchandise Company of Honolulu. (See Toriumi, Albert Y., assignor.)
Jaros, Lawrence, assignor to The W. J. Schoenberger Company, Cleveland, Ohio. Burner. 115,336; June 20.
Jarvis & Jarvis, Inc. (See Scudder, Eliot R., assignor.)
Jay, Ollie M., San Antonio, Tex. Doll. 116,826; Sept. 26.
Jenith Knitwear, Inc. (See Reitmeister, Louis A., assignor.)
Jenkins, Harold, Tuba City, Ariz. Toy. 117,275; Oct. 24.
Jensen, Gustav, assignor to John G. Paton Company, New York, N. Y. Jar. 115,068; May 30.
Jensen, Peter, New York, N. Y. Fencing implement for practice in fencing. 114,376; Apr. 18.
Jensen, Thormod, Laurelton, N. Y., and H. Rosengren, Woodcliff Lake, N. J., assignors to American Machine & Foundry Company. Bread wrapping machine or the like. 116,639; Sept. 12.
Jensen, William A., Hartsdale, assignor to Schenley Distillers Corporation, New York, N. Y. Bottle. 116,915; Oct. 3.
Jervis, Fred, assignor to Bardco Corporation of America, Los Angeles, Calif. Power plant unit. 114,952; May 23.
Jetté, Ellerton M., Waterville, Maine, assignor to T. G. Robinson, New York, N. Y. Button. 113,227; Feb. 7.
Jewett, John H., Detroit, Mich. Picture frame. 115,622; July 11.
Jobst, Conrad, assignor to The Owens Staple-Tied Brush Company, Toledo, Ohio. Nail brush. 113,842; Mar. 21.
Jocell, Esther, New York, N. Y. Dress. 113,186; Jan. 31.
Jocell, Esther, New York, N. Y. Dress. 114,041; Mar. 28.
Johnsen, William H., Dallas, Tex. Exhaust extension. 114,119; Apr. 4.
Johnsen, William H., Dallas, Tex. Light indicator for headlights. 117,992; Dec. 5.
Johnson, Albert H., Detroit, Mich. Combined potato peeler handle and shredder. 113,040; Jan. 24.
Johnson, Ansgarius H., Chicago, Ill. Combined salt and pepper holder. 115,207; June 13.
Johnson, Arnold E., New York, N. Y. Nail file. 115,408; June 27.
Johnson, Beverly, Dallas, Tex. Glider. 117,440; Nov. 7.
Johnson, Clarence L., Burbank, Calif., assignor to Lockheed Aircraft Corporation. Airplane. 116,094; Aug. 8.
Johnson, Doris, New Brighton, assignor to Mayer China Company, Beaver Falls, Pa. Plate or similar article. 116,743; Sept. 19.
Johnson, Edgar, Seymour, Ind. Game board. 115,556; July 4.
Johnson, Edwin K., Munday, Tex. Tobacco can. 114,760; May 16.
Johnson, Fern E., New York, N. Y. Golf dress. 117,885; Nov. 28.
Johnson, Francis A., assignor to Endicott Johnson Corporation, Endicott, N. Y. Combined rubber sole and heel. 117,831; Nov. 28.
Johnson Gear & Manufacturing Co. (See Drake, Frank B., assignor.)
Johnson, Herbert C., Wilmette, Ill. Electric heater. 114,953; May 23.
Johnson, Jay M., Grosse Pointe Park, Mich. Parking meter. 117,371; Oct. 31.
Johnson, Lloyd E. (See MacPhail, W. R., and Johnson.)
Johnson, Lula A., New York, N. Y. Hat. 115,704; July 11.
Johnson, Lulu A., New York, N. Y., assignor to Hat Corporation of America, Norwalk, Conn. Hat. 114,449; Apr. 25.
Johnson, Stephens and Shinkle Shoe Company. (See Sutton, John R., assignor.)
Johnson, Walker. (See Van Doren, H., and Johnson.)
Jones, Don F. (See Wilmet, G., Jones, and Miller.)
Jones, Douglas P., St. Louis County, and H. A. Geauque, St. Louis, Mo. Steam electric iron. 113,670; Mar. 7.
Jones, Ernest M., et al. (See Jones, Lester C., assignor.)
Jones, Gladys M., Washington, D. C. Boutonniere vase, or similar article. 118,017; Dec. 12.
Jones, Harry S., South Orange, and R. P. Moore, Livingston, N. J. Game board. 113,671; Mar. 7.
Jones, James R., Lakewood, assignor to Art Metal Construction Company, Jamestown, N. Y. Drawer pull or similar article. 114,897; May 23.
Jones, Leo D., Philadelphia, Pa. Centrifugal separator. 118,147; Dec. 19.
Jones, Lester C., Corsicana, Tex., assignor of twenty-five per cent to E. M. Jones and twenty-five per cent to A. J. Bedford, Hobbs, N. Mex. Door plate. 118,119. Dec. 19.
Jones, William M., Anderson, Ind. Pull-cord clip for window blinds or the like. 116,033; Aug. 8.
Jordan, Frank W. (See Brandes, A., and Jordan.)
Jorgensen, Enoch B., Los Angeles, Calif. Blanket clasp. 117,670; Nov. 21.
Joseph, Peter, New York, N. Y. Comfortable. 115,653; July 11.
Joseph, Peter, New York, N. Y. Comfortable. 115,654; July 11.
Joseph, Peter, New York, N. Y. Comfortable. 115,655; July 11.
Joseph, Peter, New York, N. Y. Comfortable. 115,671; July 11.
Joseph, Peter, New York, N. Y. Comfortable. 117,097; Oct. 10.
Joyce, Green L., and E. L. Oakley, Bassett, Va. Combination sign board and danger reflector. 116,679; Sept. 19.
Joyce, Green L., and E. L. Oakley, Bassett, Va. Combination sign board and danger reflector. 116,680; Sept. 19.
Joyce, Green L., and E. L. Oakley, Bassett, Va. Combination sign board and danger reflector. 116,681; Sept. 19.
Joyce, Green L., and E. L. Oakley, Bassett, Va. Combination sign board and danger reflector. 116,682. Sept. 19.
Joyce, Green L., and E. L. Oakley, Bassett, Va. Combination sign board and danger reflector. 116,683; Sept. 19.
Joyce, Green L., and E. L. Oakley, Bassett, Va. Combination sign board and danger reflector. 116,684; Sept. 19.
Joyce, Green L., and E. L. Oakley, Bassett, Va. Combination sign board and danger reflector. 116,685; Sept. 19.
Joyce, Green L., and E. L. Oakley, Bassett, Va. Combination sign board and danger reflector. 116,686; Sept. 19.
Joyce, Green L., and E. L. Oakley, Bassett, Va. Combination sign board and danger reflector. 116,687; Sept. 19.

Joyce, Green L., and E. L. Oakley, Bassett, Va. Combination sign board and danger reflector. 116,688; Sept. 19.
Joyce, Green L., and E. L. Oakley, Bassett, Va. Combination sign board and danger reflector. 116,689; Sept. 19.
Joyce, Green L., and E. L. Oakley, Bassett, Va. Combination sign board and danger reflector. 116,690; Sept. 19.
Joyce, Green L., and E. L. Oakley, Bassett, Va. Combination sign board and danger reflector. 116,691; Sept. 19.
Joyce, Green L., and E. L. Oakley, Bassett, Va. Combination sign board and danger reflector. 116,692; Sept. 19.
Joyce, Green L., and E. L. Oakley, Bassett, Va. Combination sign board and danger reflector. 116,693; Sept. 19.
Joyce, Green L., and E. L. Oakley, Bassett, Va. Combination sign board and danger reflector. 116,694; Sept. 19.
Joyce, Green L., and E. L. Oakley, Bassett, Va. Combination sign board and danger reflector. 116,695; Sept. 19.
Joyce, Isabelle Z., assignor to Spaulding-Gorham, Inc., Chicago, Ill. Brooch or similar article of jewelry. 117,924; Dec. 5.
Jubilee Manufacturing Company. (See Nielsen, Peter, assignor.)
Jubilee Manufacturing Company. (See Watson, Max, assignor.)
Judd, H. L., Company. (See Dover, Pierre F., assignor.)
Judenfreund, Jacob, New York, N. Y. Coat. 113,496; Feb. 28.
Judkins, J. B., Company. (See Stickney, Roland L., assignor.)
Julianelli, Charles A. (See Winkel M., and Julianelli.)
Julius, John D., assignor of one-fourth to R. L. Bandy and one-fourth to Z. E. Bandy, Indianapolis, Ind. Combined can punch and pouring spout. 117,506; Nov. 7.
Jung, Albert H., Flushing, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Display stand for collapsible tubes. 113,326; Feb. 14.
Jung, Albert H., Flushing, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Display stand for collapsible tubes. 113,460; Feb. 21.
Jung, Albert H., Flushing, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 116,935; Oct. 3.
Jung, Albert H., Flushing, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Cosmetic container. 117,276; Oct. 24.
Jung, Albert H., Flushing, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Container cap. 117,303; Oct. 24.
Jung, Albert H., Flushing, N. Y. Container cap. 117,717; Nov. 21.
Jung, Albert H., Flushing, assignor to Victor Metal Products Corporation, Brooklyn, N. Y. Closure cap. 118,157; Dec. 19.
Jung, Oscar H., Milwaukee, Wis. Oil lubricator. 115,966; Aug. 1.
Junior Toy Corporation. (See Rideout, John G., assignor.)
Junior Toy Corporation. (See Smith, Walter V., assignor.)
Junkunc, Stephen, Sr. (See Junkunc, Stephen, Jr., assignor.)
Junkunc, Stephen, Jr., assignor to S. Junkunc, Sr., Oak Park, Ill. Burial casket handle. 117,182; Oct. 17.
Junkunc, Stephen, Jr., assignor to S. Junkunc, Sr., Oak Park, Ill. Burial casket handle. 117,183; Oct. 17.
Junkunc, Stephen, Jr., assignor to S. Junkunc, Sr., Oak Park, Ill. Burial casket handle. 117,184; Oct. 17.
Junkunc, Stephen, Jr., assignor to S. Junkunc, Sr., Oak Park, Ill. Burial casket handle. 117,185; Oct. 17.
Junkunc, Stephen, Jr., assignor to S. Junkunc, Sr., Oak Park, Ill. Burial casket handle. 117,277; Oct. 24.
Jurs, Ora, assignor to O. Housholder and D. C. Cohen, copartners, doing business as Crystal Manufacturing Co., Chicago, Ill. Display sign or similar article. 116,606; Sept. 12.
Justema, William, New York, N. Y., assignor to G. Courvoisier, San Francisco, Calif. Molding. 113,000; Jan. 24.
Justema, William, New York, N. Y., assignor to G. Courvoisier, San Francisco, Calif. Molding. 113,001; Jan. 24.
Justema, William, New York, N. Y., assignor to G. Courvoisier, San Francisco, Calif. Molding. 113,002; Jan. 24.
Justema, William, New York, N. Y., assignor to G. Courvoisier, San Francisco, Calif. Molding. 113,003; Jan. 24.
Justrite Manufacturing Company. (See Packer, Charles S., assignor.)
K-D Manufacturing Company. (See Dellinger, Martin C.)
Kaak, Kurt., West Wyomissing, assignor to The Narrow-Fabric Company, West Reading, Pa. Elastic fabric. 115,713; July 11.
Kaak, Kurt., West Wyomissing, assignor to The Narrow-Fabric Company, West Reading, Pa. Elastic fabric. 115,714; July 11.
Kaak, Kurt., West Wyomissing, assignor to The Narrow-Fabric Company, West Reading, Pa. Elastic fabric. 115,715; July 11.
Kaak, Kurt., West Wyomissing, assignor to The Narrow-Fabric Company, West Reading, Pa. Elastic fabric. 115,716; July 11.
Kaak, Kurt, West Wyomissing, assignor to The Narrow Fabric Company, West Reading, Pa. Elastic fabric. 117,066; Oct. 10.
Kaback, Nathan, New York, N. Y. Dress. 117,429; Oct. 31.
Kaback, Nathan, New York, N. Y. Dress. 117,751; Nov. 21.
Kabaker, Annie G., Summit, assignor to John J. Tracey Co., Chicago, Ill. Bar of soap. 117,146; Oct. 17.
Kaempf, Harold B., New York, N. Y. Measuring container. 115,831; July 25.
Kahn, Bertrand B. and J. L. Tupper, Cincinnati, assignors to The Estate Stove Company, Hamilton, Ohio. Heater. 117,850; Nov. 28.
Kahn, David, Inc. (See Weisser, Karl, assignor.)
Kahn, Julius, Jersey City, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Tooth brush. 113,743; Mar. 14.
Kahn, Julius, Jersey City, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Tooth brush. 113,744; Mar. 14.
Kahn, Julius, Jersey City, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Bandeau or similar article. 113,843; Mar. 21.
Kahn, Julius, Jersey City, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Comb or similar article. 113,844; Mar. 21.
Kahn, Leo L., New York, N. Y. Lace. 117,953; Dec. 5.
Kahn, Lester, Upper Montclair, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Combination comb and case. 114,658; May 9.
Kahn, Max, New York, N. Y. Mechanical pencil or similar article. 113,633; Mar. 7.
Kaiser, Charles, Great Neck, assignor to Morimura Bros., Inc., New York, N. Y. Creamer. 117,372; Oct. 31.
Kaiser, Charles, Great Neck, assignor to Morimura Bros., Inc., New York, N. Y. Casserole dish. 117,508; Nov. 7.
Kaiser, John D., assignor to Motor Wheel Corporation, Lansing, Mich. Cabinet for circulating heaters. 115,116; June 6.
Kalamazoo Sled Company. (See Kidder, William E., assignor.)
Kalish, Beatrice C., New York, N. Y. Dress. 113,166; Jan. 31.
Kallman, William K. (See Barth, Bruno H., assignor.)
Kalter, Harold E., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Cycle saddle. 116,137; Aug. 15.
Kalter, Harold E., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Cycle saddle seat. 116,138; Aug. 15.
Kalter, Harold E., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Cycle saddle seat. 117,186; Oct. 17.
Kalter, Harold E., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Cycle saddle seat. 117,477; Nov. 7.
Kalter, Harold E., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Cycle saddle seat. 117,496; Nov. 7.
Kalter, Harold E., assignor to The Troxel Manufacturing Company, Elyria, Ohio. Cycle saddle. 118,262; Dec. 26.
Kamenstein, Meyer, New York, N. Y. Bread box. 113,142; Jan. 31.
Kamenstein, Meyer, New York, N. Y. Tea canister. 114,858; May 16.
Kaminsky, Rubin, New York, N. Y. Slipper. 112,774; Jan. 3.
Kaminsky, Rubin, New York, N. Y. Slipper. 113,968; Mar. 28.
Kandell, Allen, New York, N. Y. Pillow. 118,319; Dec. 26.
Kane, Martine, assignor to Helena Rubenstein, Inc., New York, N. Y. Bottle. 114,659; May 9.
Kann, William L. (See Wise, Leslie M., assignor.)
Kanowitz, Charles, New York, N. Y. Coat or similar article. 114,623; May 2.
Kapikian, Peter R., Astoria, Long Island, N. Y. Ashtray. 114,120; Apr. 4.
Kaplan, Abraham, Sayre, Pa. Knit fabric or similar article. 113,386; Feb. 21.
Kaplan, David, New York, N. Y. Coat. 115,894; July 25.
Kaplan, David, New York, N. Y. Coat. 115,895; July 25.
Kaplan, David, New York, N. Y. Coat. 115,985; Aug. 1.
Kaplan, David, New York, N. Y. Coat. 116,286; Aug. 22.
Kaplan, David, New York, N. Y. Coat. 116,287; Aug. 22.
Kaplan, David, New York, N. Y. Coat. 117,001; Oct. 3.
Kaplan, Jack I., New York, N. Y. Shoe. 112,775; Jan. 3.
Kaplan, Jack I., New York, N. Y. Shoe. 112,776; Jan. 3.
Kaplan, Jack I., New York, N. Y. Shoe. 112,837; Jan. 3.
Kaplan, Michael B., New York, N. Y. Puffed and embroidered textile fabric. 117,974; Dec. 5.
Kaplan, Michael B., New York, N. Y. Tucked textile fabric. 117,997; Dec. 5.
Kaplan, Michael B., New York, N. Y. Tucked textile fabric. 117,998; Dec. 5.

Kaplan, Michael B., New York, N. Y. Tucked textile fabric. 117,999; Dec. 5.
Kaplan, Michael B., New York, N. Y. Embroidered trimming. 118,075; Dec. 12.
Kaplan, Michael B., New York, N. Y. Tucked textile fabric. 118,120; Dec. 19.
Karmiel, Herman, Holyoke, Mass. Slipper. 113,969; Mar. 28.
Karmiel, Herman, Holyoke, Mass. Slipper. 113,970; Mar. 28.
Karoff, Robert B., New York, N. Y. Container for perfume sachets. 113,423; Feb. 21.
Karoff, Robert B., New York, N. Y. Combination container for perfumes. 113,562; Feb. 28.
Karoff, Robert B., New York, N. Y. Combination container for perfumes. 117,147; Oct. 17.
Karoff, Robert B., New York, N. Y. Combination container for perfumes. 117,851; Nov. 28.
Karoff, Robert B., New York, N. Y. Combination container for perfumes. 117,852; Nov. 28.
Karoff, Robert B., New York, N. Y. Combined perfume bottle and holder therefor. 117,978; Dec. 5.
Karples, Franklin E., Poundridge, N. Y. Finger ring or similar article. 117,557; Nov. 14.
Karplus, Ruth, Jackson Heights, assignor to Mavest Inc., New York, N. Y. Jacket. 114,019; Mar. 28.
Karplus, Ruth, Jackson Heights, assignor to Mavest Inc., New York, N. Y. Jacket. 114,020; Mar. 28.
Karplus, Ruth, Jackson Heights, assignor to Mavest Inc., New York, N. Y. Jacket. 114,021; Mar. 28.
Karr, Darwin S., Los Angeles, Calif. Insect trap. 115,150; June 6.
Karstadt, Clarence, assignor to Sears, Roebuck and Co., Chicago, Ill. Outboard motor exhaust tube bracket. 112,907; Jan. 10.
Karstadt, Clarence, assignor to Sears, Roebuck and Co., Chicago, Ill. Outboard motor tank. 112,908; Jan. 10.
Karstadt, Clarence, assignor to Sears, Roebuck and Co., Chicago, Ill. Radio receiver cabinet. 113,004; Jan. 24.
Karstadt, Clarence, assignor to Sears, Roebuck and Co., Chicago, Ill. Sewing cabinet. 113,143; Jan. 31.
Karstadt, Clarence, assignor to Sears, Roebuck and Co., Chicago, Ill. Carafe. 113,228; Feb. 7.
Karstadt, Clarence, assignor to Sears, Roebuck and Co., Chicago, Ill. Combined carafe and cup. 113,229; Feb. 7.
Karstadt, Clarence, assignor to Sears, Roebuck and Co., Chicago, Ill. Cup. 113,230; Feb. 7.
Karstadt, Clarence, assignor to Sears, Roebuck and Co., Chicago, Ill. Pump. 113,845; Mar. 21.
Karstadt, Clarence, assignor to Sears, Roebuck and Co., Chicago, Ill. Pump. 113,846; Mar. 21.
Karstadt, Clarence, Glen Ellyn, assignor to Sears, Roebuck and Co., Chicago, Ill. Bathroom scale. 118,018; Dec. 12.
Kashine, Louis L., New York, N. Y. Dress ensemble. 114,591; May 2.
Kashine, Louis L., New York, N. Y. Dress. 117,538; Nov. 7.
Kashine, Louis L., New York, N. Y. Dress. 117,635; Nov. 14.
Kathe, Felix J., Cleveland, Ohio. Steering wheel. 112,909; Jan. 10.
Katz, Abraham, New York, N. Y. Textile fabric. 116,204; Aug. 15.
Katz, Adolph, New York, N. Y. Clip pin. 114,219; Apr. 11.
Katz, Adolph, New York, N. Y. Clip pin. 114,220; Apr. 11.
Katz, Adolph, New York, N. Y. Clip pin. 114,221; Apr. 11.
Katz, Adolph, New York, N. Y. Clip pin. 114,282; Apr. 11.
Katz, Adolph, New York, N. Y. Clip pin. 114,283; Apr. 11.
Katz, Adolph, New York, N. Y. Clip pin. 114,483; Apr. 25.
Katz, Adolph, New York, N. Y. Clip pin. 114,484; Apr. 25.
Katz, Adolph, New York, N. Y. Clip pin. 114,485; Apr. 25.
Katz, Adolph, New York, N. Y. Clip pin. 114,486; Apr. 25.
Katz, Adolph, New York, N. Y. Brooch or similar article. 115,043; May 30.
Katz, Adolph, New York, N. Y. Brooch or similar article. 115,266; June 13.
Katz, Adolph, New York, N. Y. Brooch or similar article. 115,852; July 25.
Katz, Adolph, New York, N. Y. Brooch or similar article. 116,095; Aug. 8.
Katz, Adolph, New York, N. Y. Brooch or similar article. 116,096; Aug. 8.
Katz, Adolph, New York, N. Y. Brooch or similar article. 116,233; Aug. 22.
Katz, Adolph, New York, N. Y. Pin clip. 116,607; Sept. 12.
Katz, Adolph, New York, N. Y. Brooch or similar article. 116,711; Sept. 19.
Katz, Adolph, New York, N. Y. Brooch or similar article. 116,712; Sept. 19.
Katz, Adolph, assignor to Cohn Rosenberger, Inc., New York, N. Y. Bracelet. 116,288; Aug. 22.
Katz, Adolph, assignor to Cohn Rosenberger, Inc., New York, N. Y. Brooch or similar article. 116,289; Aug. 22.
Katz, Adolph, assignor to Cohn Rosenberger, Inc., New York, N. Y. Bracelet. 116,476; Sept. 5.
Katz, Adolph, assignor to Cohn Rosenberger, Inc., New York, N. Y. Pin clip. 116,477; Sept. 5.
Katz, Adolph, assignor to Cohn Rosenberger, Inc., New York, N. Y. Pin clip. 116,478; Sept. 5.
Katz, Adolph, assignor to Cohn and Rosenberger, Inc., New York, N. Y. Clip or similar article. 118,121; Dec. 19.
Katz, Adolph, assignor to Cohn and Rosenberger, Inc., New York, N. Y. Pendant. 118,122; Dec. 19.
Katz, Louis, New York, N. Y. Dress. 114,504; Apr. 25.
Katz, Louis, New York, N. Y. Dress ensemble. 114,505; Apr. 25.
Katz, Louis, New York, N. Y. Dress ensemble. 114,506; Apr. 25.
Katz, Louis, New York, N. Y. Dress ensemble. 155,360; June 20.
Katz, Louis, New York, N. Y. Dress. 117,248; Oct. 17.
Katz, Louis, New York, N. Y. Dress. 117,249; Oct. 17.
Katz, Louis, New York, N. Y. Dress. 118,337; Dec. 26.
Katz, Morris, Bronx, N. Y. Shopping bag. 114,999; May 30.
Katzinger, Arthur, Glencoe, Ill. Flashlight case. 116,956; Oct. 3.
Katzinger, Edward, Company, The. (See Zimmer, Myron J., assignor.)
Kaufman, Benjamin M., New York, N. Y. Woven textile fabric. 118,046; Dec. 12.
Kaufman, Benjamin M., New York, N. Y. Textile fabric. 118,214; Dec. 19.
Kaufman, Louis, New York, N. Y. Textile fabric. 113,784; Mar. 14.
Kaufman, Louis, New York, N. Y. Textile fabric. 114,398; Apr. 18.
Kaufman, Morris, New York, N. Y. Dress. 113,089; Jan. 24.
Kaufman Plush Company. (See Murray, Robert J., assignor.)
Kaufman, Samuel, New York, N. Y. Leather or similar article. 117,067; Oct. 10.
Kaufman, Solomon, New York, N. Y., assignor to Ostby and Barton Company. Finger ring or similar article. 114,761; May 16.
Kaufmann, George A., Essex Fells, assignor to The H & W Company, Inc., Newark, N. J. Brassière or similar article. 115,705; July 11.
Kaufmann, George A., Essex Fells, N. J. Brassière or similar article. 115,896; July 25.
Kaufmann, George A., Essex Fells, assignor to The H. & W. Company, Inc., Newark, N. J. Brassière or similar article. 117,430; Oct. 31.
Kaufmann, Harry, West Orange, assignor to K. Kaufmann & Co., Inc., Newark, N. J. Overnight case. 116,165; Aug. 15.
Kaufmann, Henry D., New York, N. Y. Textile fabric. 117,431; Oct. 31.
Kaufmann, K., & Co. Inc. (See Kaufmann, Harry, assignor.)
Kaufmännisches Directorium. (See Brown, M. Stanley, assignor.)
Kavalir, Charles, New York, N. Y. Beverage cooler. 113,672; Mar. 7.
Kay, Jack, New York, N. Y. Dress ensemble. 116,518; Sept. 5.
Kay, John, La Porte, Ind. Combination mirror, match box holder and ashtray. 116,267; Aug. 22.
Kay, Ralph, New York, N. Y. Combination slide fastener and mesh cover therefor. 114,022; Mar. 28.
Kay, Ralph, New York, N. Y. Combination slide fastener and mesh cover therefor. 114,023; Mar. 28.
Kay, Ralph, New York, N. Y. Slide fastener closure. 115,455; June 27.
Kay, Ralph, New York, N. Y. Slide fastener closure. 115,456; June 27.
Kay, Ralph, New York, N. Y. Slide fastener closure. 115,457; June 27.
Kay, Ralph, New York, N. Y. Slide fastener closure. 115,458; June 27.
Kay, Ralph, New York, N. Y. Slide fastener closure. 115,459; June 27.
Kay, Ralph, New York, N. Y. Slide fastener closure. 115,557; July 4.
Kay, Ralph, New York, N. Y. Slide fastener closure. 115,927; Aug. 1.
Kay, Ralph, New York, N. Y. Slide fastener closure. 117,671; Nov. 21.
Kayton, Robert, Long Island City, assignor to Robert Kayton Displays, Inc., New York, N. Y. Display cabinet. 117,278; Oct. 24.
Kayton, Robert, Displays, Inc. (See Kayton, Robert, assignor.)
Keaney, Joseph C. (See Guthrie, James M., assignor.)
Keen, Thomas A., San Mateo, Calif., assignor to H. M. Smith, River Forest, Ill. Starting box. 116,139; Aug. 15.
Keene, Otis E., New York, N. Y. Deck of playing cards. 114,578; May 2.
Keenan, Ralph G., Denver, Colo. Service plate. 117,478; Nov. 7.

Keim, Melville, Highland Park, assignor to Clean Home Products, Incorporated, Chicago, Ill. Insecticide container. 115,820; July 18.
Keith, Geo. E., Company. (See Lutz, Albert W., assignor.)
Keller, Jack, New York, N. Y. Decorative nail. 115,853; July 25.
Kelley-Koet Manufacturing Company. (See Eddy, Donald A., assignor.)
Kelley, Richard P., et al. (See Walkley, James M., assignor.)
Kellogg, Homer B., Highland Park, Mich. Stool. 114,681; May 9.
Kelly, Hattie E., Mineral Wells, Tex. Toy dog. 116,034; Aug. 8.
Kelly, Jesse V. (See Gibson, John W., assignor.)
Kelly, Leo J., assignor to The Exhibit Supply Company, Chicago, Ill. Bowling alley. 116,035; Aug. 8.
Kelly, Leo J., Chicago, Ill. Badge or similar article. 116,563; Sept. 12.
Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Punch bowl or similar article. 117,373; Oct. 31.
Kelly, Robert A., East Pittsburgh, assignor to United States Glass Company, Pittsburgh, Pa. Plate or similar article. 117,374; Oct. 31.
Kelsey, Cadwallader W., Troy, N. Y. Tiller. 117,788; Nov. 28.
Kelsey-Hayes Wheel Company. (See Sinclair, Charles W., assignor.)
Kemmer, Paul H., and C. E. Reichert, Dayton, Ohio. Monoplane. 118,285; Dec. 26.
Kemp, William H., Westfield, N. J. Combination calendar desk unit. 114,382; Apr. 18.
Kemsley, Albert, Detroit, Mich. Badge or similar article. 115,252; June 13.
Kende, George. (See Githens, O. W., and Kende.)
Kenley, R. A., et al. (See Bruner, Rea M., assignor.)
Kenney, John E., Portland, Oreg. Combined air conditioner and ozonizer. 114,682; May 9.
Kenney, John E., Portland, Oreg. Ozone machine. 115,500; July 4.
Kenney, John E., Portland, Oreg. Ozone machine. 115,501; July 4.
Kensington, Incorporated. (See Guild, Lurelle, assignor.)
Kent, Elizabeth S., Waterbury, Conn., assignor to I. Zussman, Brookline, Mass., doing business under the name and style of Metro Premium Company. Mirror back or similar article. 113,424; Feb. 21.
Kent, Elizabeth S., Waterbury, Conn., and W. R. Westfall, Kew Gardens, N. Y., assignors to Scovill Manufacturing Company, Waterbury, Conn. Lawn sprinkler. 118,263; Dec. 26.
Kent, Elizabeth S., Waterbury, Conn., and W. R. Westfall, Kew Gardens, N. Y., assignors to Scovill Manufacturing Company, Waterbury, Conn. Lawn sprinkler. 118.264; Dec. 26.
Kent, Fay T., and J. Vandenberg, New York, N. Y.; said Vandenberg assignor to said Kent. Floor machine. 115,690; July 11.
Kenway, Ivor, New York, N. Y., assignor to Devoe & Raynolds Co., Inc. Color psychoanalysis device. 114,683; May 9.
Kenworth Motor Truck Corporation. (See Fitch, James W., assignor.)
Kenzie, Clarence W. (See Lynch, T. B., and Kenzie.)
Kerckhoff, Richard D., Richmond Heights, assignor to Pevely Dairy Company, St. Louis, Mo. Bottle. 114,660; May 9.
Kernes, James, Chicago, Ill. Lamp base. 114,846; May 16.
Kerr, George F., Bronxville, N. Y. Automobile emblem or similar article. 113,387; Feb. 21.
Kersting, Albert H., deceased, by N. F. Kersting, Los Angeles, California, executrix. Spring sash balance housing. 115,712; July 11.
Kersting, Nelle F., executrix. (See Kersting, Albert H.)
Kessler, Betty, New York, N. Y. Dress. 113,475; Feb. 21.
Kessler, Betty, New York, N. Y. Dress. 118,215; Dec. 19.
Kessler, Betty, New York, N. Y. Dress. 118,347; Dec. 26.
Kessler, Betty, New York, N. Y. Dress. 118,348; Dec. 26.
Kessler, Charles J., Cleveland Heights, assignor to Perfection Stove Company, Cleveland, Ohio. Range. 115,044; May 30.
Keuls, Henry P. C., Pittstown, N. J. Combination ash-tray and coaster or similar article. 118,158; Dec. 19.
Key, Ava J., Hempstead, N. Y. Dress ensemble. 117,832; Nov. 28.
Keyes, John W. (See De Masters, J. S.)
Keyes, Kenneth B., New York, N. Y. Shoe or similar article. 112,777; Jan. 3.
Keystone Metal Products Co. (See Havlis, Adolph J., assignor.)
Keystone Slipper Company. (See Prossack, Herman L., assignor.)
Kibbe, Clinton H., New York, N. Y. Magnifying device. 117,772; Nov. 21.
Kidd, Harry M., El Paso, Tex. Combined electric switch plate attachment and calendar. 115,708; July 11.
Kidder, William E., assignor to Kalamazoo Sled Company, Kalamazoo, Mich. Coasting sled. 114,373; Apr. 18.
Kiepe, Henry R., assignor to Baker & Company, Inc., Newark, N. J. Jewelry setting or similar article. 117,902; Dec. 5.
Kilborn-Sauer Company, The. (See Sauer, Henry J., assignor.)
Kimmel, George P., Brookeville, Md. Pair of semirim spectacles. 115,717; July 11.
Kinney, Thomas H., assignor to The Bally Ribbon Mills, Inc., Bally, Pa. Ribbon. 115,518; July 4.
King, Frank G. W., Sutton Coldfield, and L. J. Lambourn, Erdington, England, assignors to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Tire. 113,327; Feb. 14.
King, Thomas F., New Orleans, La. Automotive vehicle. 114,579; May 2.
Kingsbury, George P., Hollis, N. Y. Medicinal measuring cup. 113,538; Feb. 28.
Kinsley, Felix P., St. Louis, Mo. Ring or similar article of jewelry. 116,466; Sept. 5.
Kinsley, Felix P., St. Louis, Mo. Framed monogram unit for necktie holders or the like. 116,802; Sept. 26.
Kintz, Alfred G., Wallingford, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 113,110; Jan. 31.
Kintz, Alfred G., Wallingford, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 115,558; July 4.
Kintz, Alfred G., Wallingford, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 115,580; July 4.
Kipp, William H., Cincinnati, Ohio. Game board. 113,005; Jan. 24.
Kircher, Ralph N., assignor to West Bend Aluminum Company, West Bend, Wis. Serving oven. 115,821; July 18.
Kircher, Ralph N., assignor to West Bend Aluminum Company, West Bend, Wis. Tea kettle. 115,928; Aug. 1.
Kirchhan, Robert O., assignor to Milwaukee Brass Specialty Company, Milwaukee, Wis. Combination frame. 118,047; Dec. 12.
Kirk, Claude R. (See Van Tuyl, Sidney, assignor.)
Kirk, Claude R., River Forest, Ill. Combined platform scale and vending device. 113,006; Jan. 24.
Kirk, Edward B., assignor to D. B. Shapiro, New York, N. Y. Lighting fixture. 113,971; Mar. 28.
Kirsch Company. (See Stratton, Philip B., assignor.)
Kisling, William L., St. Louis, Mo. Combination fan and table. 114,222; Apr. 11.
Kisling, William L., St. Louis, Mo. Combination fan and smoking stand. 114,223; Apr. 11.
Kisling, William L., St. Louis, Mo. Combination fan and smoking table. 114,224; Apr. 11.
Kislingbury, Fred H., assignor to Western States Wholesale Music Corporation, Los Angeles, Calif. Electric guitar. 114,105; Apr. 4.
Kiss, Charles, Hamden, Conn. Wall bracket for flower pots. 115,208; June 13.
Kizer, Howard W., Maplewood, N. J. Tank vehicle. 112,910; Jan. 10.
Klahn, Edwin, assignor to A. C. Blechner, New York, N. Y. Savings bank or similar article. 114,069; Apr. 4.
Klein, Arthur S., et al. (See Hafler, Lizzie, assignor.)
Klein, David, New York, N. Y. Dress ensemble. 114,284; Apr. 11.
Klein, David, New York, N. Y. Dress. 114,714; May 9.
Klein, David, New York, N. Y. Dress. 114,734; May 9.
Klein, David, New York, N. Y. Dress. 114,898; May 23.
Klein, David, New York, N. Y. Dress. 116,957; Oct. 3.
Klein, Franklin S., Malverne, N. Y. Bathing cap. 113,745; Mar. 14.
Klein, Gisele, New York, N. Y. Dress. 113,090; Jan. 24.
Klein, Paul M., Cedarhurst, N. Y. Clock. 114,121; Apr. 4.
Kleinert, I. B., Rubber Company. (See Selverstone, Agnes A., assignor.)
Klepper, Ely, New York, N. Y. Child's coat. 116,744; Sept. 19.
Klepper, Ely, New York, N. Y. Child's coat. 117,098; Oct. 10.
Kleppner, Otto, New York, N. Y. Ice crusher. 113,847; Mar. 21.
Kliche, Curt, New York, N. Y. Shoe. 115,409; June 27.
Kline, Lilyan, New York, N. Y. Dress ensemble. 118,188; Dec. 19.
Kline, Reva, Chicago, Ill. Doll. 116,519; Sept. 5.
Kloos, Gerard, Mount Vernon, assignor to Philips Metalix Corporation, New York, N. Y. X-ray control stand. 118,286; Dec. 26.
Klusmeyer, Harry B., Chicago, Ill. Cooking vessel or similar article. 118,238; Dec. 26.
Kluter, Marlowe H., assignor to The F. & N. Lawn Mower Company, Richmond, Ind. Lawn mower. 116,846; Sept. 26.
Kluter, Marlowe H., assignor to The F. & N. Lawn Mower Company, Richmond, Ind. Lawn mower. 116,847; Sept. 26.
Kluter, Marlowe H., assignor to The F. & N. Lawn Mower Company, Richmond, Ind. Roller supporting arm for a lawn mower. 116,848; Sept. 26.
Kluter, Marlowe H., assignor to The F. & N. Lawn Mower Company, Richmond, Ind. Lawn mower housing. 116,849; Sept. 26.

Kluter, Marlowe H., assignor to The F. & N. Lawn Mower Company, Richmond, Ind. Lawn mower wheel housing. 116,850; Sept. 26.
Kluter, Marlowe H., Richmond, Ind. Lawn mower reel. 116,851; Sept. 26.
Kluter, Marlowe H., assignor to The F. & N. Lawn Mower Company, Richmond, Ind. Lawn mower handle. 117,693; Nov. 21.
Kluter, Marlowe H., Richmond, Ind. Lawn mower handle. 118,159; Dec. 19.
Knap, Ruthe E., New York, N. Y. Dress. 117,230; Oct. 17.
Knapp-Monarch Company. (See Chapman, David, assignor.)
Knapp-Monarch Company. (See Gundelfinger, William E., assignor.)
Knapp, Ruthe E., New York, N. Y. Dress. 116,120; Aug. 8.
Knapp, Ruthe E., New York, N. Y. Dress. 116,121; Aug. 8.
Kneisley, Richard F. (See Wolfe, R. E., and Kneisley.)
Knickerbocker, Leland A., assignor to General Motors Corporation, Detroit, Mich. Locomotive body. 113,563; Feb. 28.
Knight, Arthur E., Jr., Providence, R. I., assignor to Coro-Gram Inc., New York, N. Y. Alphabet for forming monograms. 113,746; Mar. 14.
Knight, Arthur E., Jr., Providence, R. I., assignor to Coro-Gram Inc., New York, N. Y. Alphabet for forming monograms. 113,747; Mar. 14.
Knight, James L., Erie, Pa., assignor to General Electric Company. Refrigerator cabinet. 117,375; Oct. 31.
Knight, James L., Erie, Pa., assignor to General Electric Company. Refrigerator cabinet. 117,376; Oct. 31.
Knight, James L., Erie, Pa., assignor to General Electric Company. Refrigerator cabinet. 117,377; Oct. 31.
Knowles, Karl R. (See Walters, C. G., and Knowles.)
Knudsen, Robert E., Detroit, Mich. Bottle cap. 114,070; Apr. 4.
Knudstrup, Aksel J. C. (See Robinson, H. R., and Knudstrup.)
Kobza, Andrew V., Pottstown, Pa., assignor to Doehler Die Casting Co., Toledo, Ohio. Toilet seat hinge. 116,697; Sept. 19.
Koch, Augustus J., assignor to Onondaga Pottery Company, Syracuse, N. Y. Plate or similar article. 112,945; Jan. 17.
Koch, Louis A., Louisville, Ky. Automobile grille guard. 115,156; June 6.
Koch, Louis A., Louisville, Ky. Automobile grille guard. 115,559; July 4.
Koch, Louis A., Louisville, Ky. Automobile exhaust shroud. 117,279; Oct. 24.
Koch, Louis A., Louisville, Ky. Automobile exhaust shroud. 118,048; Dec. 12.
Koch, Philip, Philadelphia, Pa. Wall clock. 115,315; June 20.
Koch, Roderick M., Evansville, Ind. Window shelf. 115,832; July 25.
Koehler, Ernest F., Berlin, Mass. Air filter. 117,566; Nov. 14.
Koehlinger, Joseph, New York, N. Y. Textile fabric. 116,495; Sept. 5.
Koehlinger, Joseph, New York, N. Y. Textile fabric. 116,496; Sept. 5.
Koehlinger, Joseph, New York, N. Y. Textile fabric. 116,520; Sept. 5.
Kohl, William R., Glen View, Ill. Transparent mothproof garment container. 115,502; July 4.
Kohl, William R., New York, N. Y., assignor to Carr Lowrey Glass Company, Baltimore, Md. Bottle. 113,867; Mar. 21.
Kohlmeyer, George W., assignor to W. A. Case & Son Manufacturing Company, Buffalo, N. Y. Lavatory. 115,623; July 11.
Kohlmeyer, George W., Buffalo, N. Y., and J. Fraser, Wilmington, Del., assignors to W. A. Case & Son Manufacturing Company, Buffalo, N. Y., and Speakman Company, Wilmington, Del., jointly. Lavatory. 117,810; Nov. 28.
Kohorn, Oscar, & Co. (See von Kohorn zu Kornegg, Oscar F., assignor.)
Kojetinsky, Anna, Jackson Heights, N. Y., assignor to Pacific Mills, Lawrence, Mass. Textile fabric. 113,207; Jan. 31.
Kolmer, Max, New York, N. Y. Suit ensemble. 116,430; Aug. 29.
Kollsman, Paul. (See Carbonara, Victor E., assignor.)
Kollsman, Paul, New York, N. Y. Shell of a Pitot static tube. 114,332; Apr. 18.
Kollsman, Paul, New York, N. Y. Shell of a Pitot static tube. 114,333; Apr. 18.
Kooluris, Spero G., Newark, and L. Fox, Cedar Grove, N. J. Clock. 117,903; Dec. 5.
Koonz, Frederick W., Bernardston, assignor to Rogers, Lunt & Bowlen Company, Greenfield, Mass. Spoon or similar article. 116,140; Aug. 15.
Kopanski, Roman, assignor to The Ward Products Corporation, Cleveland, Ohio. Combined telescopic radio antenna and mounting. 118,160; Dec. 19.
Koprucki, Leonard P., Buffalo, N. Y. Perpetual calendar. 114,267; Apr. 11.
Körmendy, Leo, Detroit, Mich. Finger guard, for slicing vegetables, meats, or the like. 117,904; Dec. 5.
Kornfeld, Morton, New York, N. Y. Textile fabric. 113,303; Feb. 7.
Kornfeld, Morton D., New York, N. Y. Textile fabric. 114,307; Apr. 11.
Kornfeld, Morton D., New York, N. Y. Textile fabric. 114,308; Apr. 11.
Kornfeld, Morton D., New York, N. Y. Textile fabric. 114,335; Apr. 18.
Kornfeld, Morton D., New York, N. Y. Textile fabric. 114,336; Apr. 18.
Korshak, Medy, New York, N. Y. Dress. 117,539; Nov. 7.
Korshak, Medy, New York, N. Y. Dress. 117,540; Nov. 7.
Kotz, Arthur F. (See Kotz, Leonard C., and A. F.)
Kotz, Leonard C., and A. F. Kotz, Syracuse, N. Y. Plaque. 115,410; June 27.
Koubek, John L., Anderson, Ind., assignor to General Motors Corporation, Detroit, Mich. Lens. 114,106; Apr. 4.
Koury, Michael, New York, N. Y. Reversible housecoat. 117,221; Oct. 17.
Kovarik, Joseph M., Jr. (See Reinecke, J. O., Kovarik, and Zinkil.)
Kraeft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Juvenile vehicle body. 113,231; Feb. 7.
Kraeft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Toy wagon. 116,036; Aug. 8.
Kraeft, Herman L., Cleveland Heights, assignor to The Murray-Ohio Manufacturing Company, Cleveland, Ohio. Velocipede. 117,905; Dec. 5.
Kraft, Herman T. (See Dodge, H. M., and Kraft.)
Kraft, Herman T., assignor to The General Tire & Rubber Company, Akron, Ohio. Tire. 114,954; May 23.
Kraft, Max E., Cleveland, Ohio, assignor to Cuyahoga Furniture and Lamp Company. Adjustable lamp. 114,024; Mar. 28.
Kraft, Max E., Cleveland, Ohio, assignor to Cuyahoga Furniture and Lamp Company. Combined adjustable lamp and radio. 116,852; Sept. 26.
Kraft, Max E., assignor to Cuyahoga Furniture and Lamp Company, Cleveland, Ohio. Adjustable lamp. 117,672; Nov. 21.
Kranz, Philip, and A. P. Schmid, assignors to B. Wilmsen, Philadelphia, Pa. Christmas tree ornament. 113,848; Mar. 21.
Kranz, Philip, and A. P. Schmid, assignors to B. Wilmsen, Philadelphia, Pa. Christmas tree ornament. 117,789; Nov. 28.
Krasnov, Joseph A., Philadelphia, Pa. Textile fabric. 117,619; Nov. 14.
Krause, Walter E., Granville, assignor to Electronic Research Corporation, Newark, Ohio. Fan. 117,231; Oct. 17.
Kreutzer, Karl, assignor to Firma J. S. Staedtler, Nuremberg, Germany. Pencil. 114,955; May 23.
Krick, Leonard B., assignor to Seminole Flavor Company, Chattanooga, Tenn. Bottle. 114,025; Mar. 28.
Krick, Guy W. (See Baer, E. S., and Krick.)
Krim Beverage Company. (See Strand, B. F., Jr., and Meyer, assignors.)
Krisman, Harry E., University City, Mo. Display counter. 115,929; Aug. 1.
Kroder Reubel Co., The. (See Lester, Sidney, assignor.)
Kroenlein, Henry A., assignor to The Filtex Corporation, Jackson, Mich. Vacuum sweeper. 113,531; Feb. 28.
Kroll, Nathan J. (See Kroll, Samuel and N. J.)
Kroll, Samuel and N. J., Chicago, Ill. Basket support. 117,304; Oct. 24.
Kronstadt, Max, New York, N. Y. Ring. 115,930; Aug. 1.
Kronstadt, Max, New York, N. Y. Ring. 115,931; Aug. 1.
Kropp, Willis A., Oak Park, assignor to Ditto, Incorporated, Chicago, Ill. Rotary duplicating machine. 112,838; Jan. 3.
Kropp, Willis A., Oak Park, assignor to Victor Adding Machine Company, Chicago, Ill. Duplicating machine. 116,936; Oct. 3.
Kruck, Ralph E. (See Wegman, E. S., and Kruck.)
Kruck, Ralph E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Refrigerator cabinet. 112,778; Jan. 3.
Kruck, Ralph E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Air conditioning cabinet or similar article. 112,881; Jan. 10.
Kruck, Ralph E., Springfield, assignor to Florence Stove Company, Gardner, Mass. Oil heater. 112,882; Jan. 10.
Kruck, Ralph E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Combined pitcher and cover therefor. 115,833; July 25.
Kruck, Ralph E., Springfield, assignor to Florence Stove Co., Gardner, Mass. Combined backguard panel and support for timer, controls, and condiment set for stoves. 116,958; Oct. 3.
Kruck, Ralph E., Springfield, Mass., assignor to Westinghouse Electric & Manufacturing Company. Refrigerator cabinet. 117,452; Nov. 7.
Krueger, Alfred P., Stratford, Conn. Envelope-moistener or the like. 115,869; July 25.
Krueger, Arthur W., Chicago, assignor to S. Zidek, Riverside, Ill. Combination desk lamp. 118,161; Dec. 19.
Krüger, Johannes, Erfurt, Germany. Typewriter frame. 116,369; Aug. 29.

Krüger, Johannes, assignor to Olympia Büromaschinenwerke A. G., Erfurt, Germany. Carrying case for typewriters. 115,560; July 4.
Kruger, Maurice J., Brooklyn, assignor to Kruger, Ressner & Arner, Inc., New York, N. Y. Shoulder bag or similar article. 116,166; Aug. 15.
Kruger, Ressner & Arner, Inc. (See Kruger, Maurice J., assignor.)
Krupka, Samuel G., assignor to Ostermoor & Company, Inc., Bridgeport, Conn. Textile fabric. 114,592; May 2.
Kubler, Edwin C. (See Reckford, J. S., and Kubler.)
Kuehn, Walda, assignor to Peck & Peck, New York, N. Y. Merchandise container or similar article. 118,049; Dec. 12.
Kuenstner, Walter, Queens Village, N. Y. Badge or the like. 116,779; Sept. 19.
Kuhlman, William A., Los Angeles, Calif. Ashtray. 116,973; Oct. 3.
Kuhns, Theodore L., Salem, Oreg. Hand truck. 118,239; Dec. 26.
Kunstadter, Sigmund W., assignor to The Formfit Company, Chicago, Ill. Girdle. 113,868; Mar. 21.
Kurtz, Henry F., Rochester, and B. J. Wolfe, Greece, assignors to Bausch & Lomb Optical Company, Rochester, N. Y. Projector. 113,515; Feb. 28.
Kurtz, John W., St. Louis, Mo. Tobacco smoking pipe. 117,567; Nov. 14.
Kurzac, Jean, assignor to Albe Lamp & Shade Co., Philadelphia, Pa. Lamp shade. 113,913; Mar. 21.
Kushman, Louis, New York, N. Y. Dress. 117,979; Dec. 5.
Kushman, Louis, New York, N. Y. Dress. 118,349; Dec. 26.
Kushner, Harry, New York, N. Y. Coat. 116,879; Sept. 26.
Kushner, Jacob J., New York, N. Y. Coat. 112,811; Jan. 3.
Kushner, Jacob J., New York, N. Y. Dress. 116,309; Aug. 22.
Kuznetz, Samuel, New York, N. Y. Dress ensemble. 113,564; Feb. 28.
Kuznetz, Samuel, New York, N. Y. Dress ensemble. 113,565; Feb. 28.
Kuznetz, Samuel, New York, N. Y. Dress ensemble. 116,122; Aug. 8.
Kuznetz, Samuel, New York, N. Y. Dress ensemble. 116,123; Aug. 8.
Kuznetz, Samuel, New York, N. Y. Dress ensemble. 116,408; Aug. 29.
Kuznetz, Samuel, New York, N. Y. Dress ensemble. 116,645; Sept. 12.
Kuznetz, Samuel, New York, N. Y. Dress ensemble. 117,648; Nov. 14.
Kuzniewicz, John and W., New York, N. Y. Ashtray. 114,071; Apr. 4.
Kuzniewicz, Walter. (See Kuzniewicz, John and W.)
Kwestel, Paul, New York, N. Y. Textile fabric or similar article. 117,122; Oct. 10.
Kwik Mix Concrete Mixer Company. (See Parks, Rollin R., assignor.)
Lacy, Franklin R., Jr., Chicago, Ill. Fudge warmer or similar article. 116,234; Aug. 22.
Lacy, Herman E., Chicago, Ill. Display stand. 113,041; Jan. 24.
Lacy, Herman E., Chicago, Ill. Electrically operated bean heater. 113,990; Mar. 28.
Lacy, Herman E., Chicago, Ill., assignor to Helmco, Inc. Electrical self-heating cup. 115,411; June 27.
Lacy, Herman E., Chicago, Ill., assignor to Helmco, Inc. Electrical self-heating cup. 115,412; June 27.
Lacy Products Corp. (See Redlich, Rudolph, assignor.)
Laczko, Marie, New York, N. Y. Dog sweater. 114,976; May 23.
Lady Esther, Ltd. (See Busiel, Alfred, assignor.)
La Forest, Louis Z., Orange, assignor to Thomas A. Edison, Incorporated, West Orange, N. J. Lamp casing. 118,306; Dec. 26.
La Forge, Grace, Stapleton, N. Y. Toy or similar article. 113,991; Mar. 28.
Laguzzi, Mario. (See Schopbach, C. H., and Laguzzi.)
Laib, William L., Oak Park, assignor to Reynolds Electric Company, Chicago, Ill. Motor support. 116,343; Aug. 29.
Laine, Margaret, New York, N. Y. Folding box. 117,833; Nov. 28.
Laird, Hazel E., Berkeley, Calif. Food service building or the like. 116,916; Oct. 3.
Laitman, Michael, Brooklyn, N. Y. Combination card and bowl cover display. 117,068; Oct. 10.
Lake, Mae, Denver, Colo. Pin for supporting ornamental medals or the like. 116,713; Sept. 19.
Lambers, Bernard, Oak Park, assignor to L. J. Harriss, Kenilworth, Ill. Pastry crust. 117,280; Oct. 24.
Lambert, Francis M., Narberth, Pa. Rolled metal bar. 118,162; Dec. 19.
Lambert, Ray W., Chicago, Ill. Memorandum recording device. 117,336; Oct. 24.
Lambourn, Leonard J. (See King, F. G. W., and Lambourn.)
Lambourn, Leonard J., Erdington, Birmingham, England, assignor to Dunlop Tire and Rubber Corporation, Buffalo, N. Y. Tire. 115,834; July 25.
Lamkin, Joseph H., assignor to White-Lamkin, Inc., Chicago, Ill. Golf club cover. 117,281; Oct. 24.
Lampel, Ida, New York, N. Y. Dress. 112,911; Jan. 10.
Lampel, Ida, New York, N. Y. Dress ensemble. 113,673; Mar. 7.
Lampel, Ida, New York, N. Y. Dress. 114,285; Apr. 11.
Lampel, Ida, New York, N. Y. Dress. 116,521; Sept. 5.
Lampl, Walter, New York, N. Y. Charm. 114,541; May 2.
Lampl, Walter, New York, N. Y. Charm. 114,542; May 2.
Lampl, Walter, New York, N. Y. Charm or the like. 116,324; Aug. 22.
Land, Frank S., Kansas City, Mo. Badge. 114,956; May 23.
Landau, Sam, New York, N. Y. Slip. 116,479; Sept. 5.
Landers, Frary & Clark. (See Anderson, O. M., and Almquist, assignors.)
Landgarten, Harry, Brooklyn, N. Y. Shower head. 113,042; Jan. 24.
Landgraf, Myron L., Chicago, Ill. Electric vibrator. 114,337; Apr. 18.
Landis, Chester L., Reading, Pa. Automobile traction device. 113,566; Feb. 28.
Landis Tool Company. (See Hollengreen, M. A., and Mentzer, assignors.)
Landry, Henry J., assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Floor covering or the like. 114,338; Apr. 18.
Lang, Alma, New York, N. Y. Textile fabric or similar article of manufacture. 114,977; May 23.
Lang, Alma, New York, N. Y. Textile fabric or similar article of manufacture. 114,978; May 23.
Lang, Karl, assignor to Garrou Knitting Mills, Morganton, N. C. Stocking. 117,310; Oct. 24.
Langbaum, Maurice, Brooklyn, N. Y. Mirror lamp or similar article. 113,929; Mar. 21.
Langbaum, Maurice, Brooklyn, N. Y. Bed lamp or similar article. 113,945; Mar. 21.
Lange, August, Chicago, Ill. Combined shaving mug and shaving cream dispenser. 113,461; Feb. 21.
Lange, Morris, Cleveland, Ohio. Draped partition or similar article. 113,930; Mar. 21.
Langford, Alfred, Hanford, assignor to The Coalport China Company, (John Rose & Co.) Limited, Stoke-on-Trent, England. Saucer or similar article. 118,123; Dec. 19.
L'Anglais, Pascal. (See Allen, G. N., and L'Anglais.)
L'Anglais, Pascal. (See Bedford, E. B., and l'Anglais.)
Lannes, Julius, Chicago, Ill. Finger ring. 114,450; Apr. 25.
Lantz-Phelps Corporation, The. (See Phelps, Clyde H., assignor.)
Lapin, Samuel, New York, N. Y. Combined lamp pull cord and thermometer. 113,328; Feb. 14.
Larocque, Cyril, Willimansette, Mass. Clippers. 115,932; Aug. 1.
Larsen, Lewis, Menominee, Mich., assignor to Heywood-Wakefield Company, Gardner, Mass. Chair or similar article. 118,019; Dec. 12.
Larsen, Neil P., and H. J. Troche, Cleveland, Ohio. Motor vehicle. 116,853; Sept. 26.
Larson, Karl R., Minneapolis, Minn. Fish lure. 117,378; Oct. 31.
Larus & Brother Company. (See Hobba, Clayton T., assignor.)
Latchford, William J., Jr., assignor to Nesbitt Fruit Products, Inc., Los Angeles, Calif. Bottle. 114,026; Mar. 28.
Lauritano, Arthur, New York, N. Y. Question and answer game device. 113,539; Feb. 28.
Law, Edgar H., Cricklewood, Broadway, London, England, assignor to Rolls Razor Limited. Dry shaver. 118,240; Dec. 26.
Lawrence, Cecil H., Attleboro, Mass., assignor to Evans Case Company. Compact or the like. 116,990; Oct. 3.
Lawrence, Cecil H., Attleboro, Mass., assignor to Evans Case Company. Compact or the like. 116,991; Oct. 3.
Lawrence, Edward M., Lancaster, Ohio. Bottle or similar article. 115,656; July 11.
Lawson, Birdsall P., New York, assignor to Ideal Fastener Corporation, Brooklyn, N. Y. Slider body for slide fasteners. 118,050; Dec. 12.
Lawson, Harriette A. (See Bartholomew, Augusta K., assignor.)
Lawson, Harriette A. (See Fassler, Adolph, assignor.)
Lawson, Harriette A. (See Linde, Gertrude I., assignor.)
Lawson, Harriette A. (See Steinweg, Richard, assignor.)
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 112,812; Jan. 3.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 112,912; Jan. 10.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,007; Jan. 24.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,008; Jan. 24.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,066; Jan. 24.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,067; Jan. 24.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,068; Jan. 24.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,069; Jan. 24.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,070; Jan. 24.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,071; Jan. 24.

Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,072; Jan. 24.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,073; Jan. 24.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,074; Jan. 24.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,075; Jan. 24.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,091; Jan. 24.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,111; Jan. 31.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,112; Jan. 31.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,113; Jan. 31.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,114; Jan. 31.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,115; Jan. 31.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,116; Jan. 31.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,425; Feb. 21.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,426; Feb. 21.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,567; Feb. 28.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,593; Feb. 28.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,594; Feb. 28.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,595; Feb. 28.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,596; Feb. 28.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,597; Feb. 28.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,598; Feb. 28.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,599; Feb. 28.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 113,992; Mar. 28.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 115,657; July 11.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 115,672; July 11.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 115,673; July 11.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 115,674; July 11.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 115,675; July.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 116,167; Aug. 15.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 116,168; Aug. 15.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 116,190; Aug. 15.
Lawson, Harriette A., Signal Mountain, Tenn. Bedspread. 116,191; Aug. 15.
Lawson, William C., Evanston, assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Billiard table. 113,167; Jan. 31.
Lawson, William C., Evanston, assignor to The Brunswick-Balke-Collender Company, Chicago, Ill. Billiard table. 113,972; Mar. 28.
Lawyer, Jean, assignor to Gladding, McBean & Co., Los Angeles, Calif. Vase or similar article. 114,815; May 16.
Lax, Irving M. (See Munson, R., Lax, and Silverstein.)
Lays, Albert F., Pelham Manor, assignor to The Dentists' Supply Company of New York, New York, N. Y. Artificial tooth shade guide case. 117,123; Oct. 10.
Lazare, Louis, New York, N. Y. Textile fabric. 114,982; May 23.
Lazarus, George, Chicago, Ill. Illuminable mirror or similar article. 114,451; Apr. 25.
Lazarus, Peter L., St. Louis, Mo. Tie rack or similar article. 112,779; Jan. 3.
Leach, Walter R., assignor to Carr-Lowrey Glass Company, Baltimore, Md. Bottle. 113,869; Mar. 21.
Leading Perfumers & Chemists, Inc. (See Cohen, Morris, assignor.)
Leathers, Ward, Haworth, N. J., assignor to Quadrex Corporation, New York, N. Y. Suction cleaner. 114,593; May 2.
Le Blond, R. K., Machine Tool Company, The. (See Groene, W. F., and Meyer, assignors.)
Lee, George L., Maplewood, N. J. Display sign. 115,561; July 4.
Lee, Joan B., Richmond Hill, N. Y. Combined powder puff and lipstick container. 114,401; Apr. 18.
Lee, Martin C., Detroit, Mich. Sign. 114,229; Apr. 11.
Leech, Aubrey B., Los Angeles, Calif. Animated decorative lamp. 116,268; Aug. 22.
Leff, Jacques H., New York, N. Y. Brooch or similar article. 113,634; Mar. 7.
Leff, Jacques H., New York, N. Y. Brooch or similar article. 113,748; Mar. 14.
Leff, Jacques H., New York, N. Y. Pin-clip. 114,027; Mar. 28.
Leff, Jacques H., New York, N. Y. Pin-clip. 114,028; Mar. 28.
Leff, Jacques H., New York, N. Y. Brooch pin. 114,225; Apr. 11.
Leff, Jacques H., New York, N. Y. Brooch or similar article. 114,661; May 9.
Leff, Jacques H., New York, N. Y. Brooch or similar article. 114,662; May 9.
Leff, Jacques H., New York, N. Y. Brooch or similar article. 114,663; May 9.
Leff, Jacques H., New York, N. Y. Brooch or similar article. 114,664; May 9.
Leff, Jacques H., New York, N. Y. Pin clip. 116,290; Aug. 22.
Leff, Jacques H., New York, N. Y. Pin clip. 117,925; Dec. 5.
Leff, Jacques H., New York, N. Y. Pin clip. 117,926; Dec. 5.
Leff, Jacques H., New York, N. Y. Pin clip. 117,927; Dec. 5.
Leff, Jacques H., New York, N. Y. Pin clip. 117,928; Dec. 5.
Leff, Jacques H., New York, N. Y. Pin clip. 117,929; Dec. 5.
Leff, Morris, Brooklyn, N. Y. Embroidered textile fabric or similar article. 114,399; Apr. 18.
Leff, Morris, Brooklyn, N. Y. Embroidered textile fabric or similar article. 114,400; Apr. 18.
Leff, Morris, Brooklyn, N. Y. Embroidered textile fabric or similar article. 114,594; May 2.
Leff, Morris, Brooklyn, N. Y. Lace. 116,714; Sept. 19.
Leff, Morris, Brooklyn, N. Y. Lace. 116,715; Sept. 19.
Leff, Morris, Brooklyn, N. Y. Lace. 116,716; Sept. 19.
Leff, Morris, Brooklyn, N. Y. Lace. 116,880; Sept. 26.
Leff, Morris, Brooklyn, N. Y. Lace. 116,881; Sept. 26.
Leff, Morris, Brooklyn, N. Y. Lace. 116,882; Sept. 26.
Leffler, Frank R., assignor to Consolidated Brass Company, Detroit, Mich. Drain cock. 117,400; Oct. 31.
Lehman Company of America, Inc., The. (See Spence, Edmond J., assignor.)
Lehman, Max R., Quincy, assignor to Dixie Foundry Company, Inc., Cleveland, Tenn. Kitchen range. 117,148; Oct. 17.
Lehmann, Herbert G., Wood-Ridge, N. J., assignor to Casco Products Corporation, Bridgeport, Conn. Coffee maker. 117,568; Nov. 14.
Lehmann, Herbert G., Wood-Ridge, N. J., assignor to Casco Products Corporation, Bridgeport, Conn. Coffee maker. 117,569; Nov. 14.
Lehmann, Herbert G., Wood-Ridge, N. J., assignor to Casco Products Corporation, Bridgeport, Conn. Coffee maker. 117,570; Nov. 14.
Lehmann, Herbert G., Wood-Ridge, N. J., assignor to Casco Products Corporation, Bridgeport, Conn. Coffee maker. 117,571; Nov. 14.
Lehmann, Kurt, assignor to Emanuel Roth Co. Inc., New York, N. Y. Textile fabric. 113,266; Feb. 7.
Lehmann, Kurt, assignor to Emanuel Roth Co. Inc., New York, N. Y. Textile fabric. 113,267; Feb. 7.
Lehmann, Kurt, assignor to Emanuel Roth Co. Inc., New York, N. Y. Textile fabric. 113,268; Feb. 7.
Lehmann, Kurt, assignor to Emanuel Roth Co., Inc., New York, N. Y. Textile fabric. 113,269; Feb. 7.
Lehmann, Kurt, assignor to Emanuel Roth Co., Inc., New York, N. Y. Textile fabric. 113,388; Feb. 21.
Lehmann, Kurt, assignor to Emanuel Roth Co. Inc., New York, N. Y. Textile fabric. 113,826; Mar. 14.
Lehmann, Kurt, assignor to Emanuel Roth Co., Inc., New York, N. Y. Textile fabric. 114,518; Apr. 25.
Lehmann, Kurt, assignor to Emanuel Roth Co., Inc., New York, N. Y. Textile fabric. 114,519; Apr. 25.
Lehmann, Kurt, assignor to Emanuel Roth Co., Inc., New York, N. Y. Textile fabric. 114,520; Apr. 25.
Lehmberg, William H., Sturbridge, assignor to American Optical Company, Southbridge, Mass. Respirator facepiece. 118,241; Dec. 26.
Lehner, Charles, New York, N. Y., assignor to Bigelow Sanford Carpet Co. Inc. Carpet or similar article. 113,610; Feb. 28.
Lehner, Charles D., Long Island City, N. Y., assignor to Bigelow-Sanford Carpet Co., Inc., Thompsonville, Conn. Floor covering or the like. 116,205; Aug. 15.
Lehrfeld, William H., Freeport, N. Y. Jeweler's combination tool. 116,235; Aug. 22.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 112,839; Jan. 3.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 114,072; Apr. 4.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 114,073; Apr. 4.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 114,074; Apr. 4.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 114,075; Apr. 4.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 114,076; Apr. 4.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 114,077; Apr. 4.

Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 114,078; Apr. 4.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 114,079; Apr. 4.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 114,080; Apr. 4.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 114,081; Apr. 4.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 114,082; Apr. 4.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 114,083; Apr. 4.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 114,107; Apr. 4.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 114,309; Apr. 11.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 114,402; Apr. 18.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 114,452; Apr. 25.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros. Inc., New York, N. Y. Plate or similar article. 114,684; May 9.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 117,790; Nov. 28.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 117,791; Nov. 28.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 117,792; Nov. 28.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 117,793; Nov. 28.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 117,794; Nov. 28.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 117,811; Nov. 28.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 117,812; Nov. 28.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 117,813; Nov. 28.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 117,814; Nov. 28.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 117,815; Nov. 28.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 117,816; Nov. 28.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 117,817; Nov. 28.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 117,818; Nov. 28.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 117,819; Nov. 28.
Leigh, Cyril W., East Orange, N. J., assignor to Morimura Bros., Inc., New York, N. Y. Plate or similar article. 117,820; Nov. 28.
Leigh, Howard, Chicago, Ill. Shoe sole. 114,187; Apr. 11.
Leishman, Le Roy J., Los Angeles, Calif. Escutcheon plate for a combined radio dial and control panel or the like. 117,522; Nov. 7.
Leishman, Thomas L., New York, N. Y. Mat or similar article. 115,478; June 27.
Leishman, Thomas L., New York, N. Y. Mat or similar article. 115,479; June 27.
Leishman, Thomas L., New York, N. Y. Mat or similar article. 115,480; June 27.
Leishman, Thomas L., New York, N. Y. Mat or similar article. 115,481; June 27.
Leissing, Ada H., Franklin, Mass. Folding bench or similar article of furniture. 116,037; Aug. 8.
Lelong, Lucien, Paris, France, assignor to Lucien Lelong, Inc., Chicago, Ill. Bottle or similar article. 113,300; Feb. 7.
Lelong, Lucien, Paris, France, assignor to Lucien Lelong, Inc., Chicago, Ill. Box or similar container. 113,472; Feb. 21.
Lelong, Lucien, Paris, France, assignor to Lucien Lelong, Inc., Chicago, Ill. Perfume bottle or similar article. 117,718; Nov. 21.
Lelong, Lucien, Paris, France, assignor to Lucien LeLong, Inc., Chicago, Ill. Box or similar article. 118,163; Dec. 19.
Lelong, Lucien, Inc. (See Buckingham, John D., assignor.)
Lelong, Lucien, Inc. (See Hiolle, Philippe, assignor.)
Lelong, Lucien, Inc. (See Lelong, Lucien, assignor.)
Lelong, Lucien, Inc. (See Stein, Joseph S., assignor.)
Lemm, Bonnie E., assignor to Ternstedt Manufacturing Company, Detroit, Mich. Automobile radiator ornament or similar article. 116,467; Sept. 5.
Lentheric Incorporated. (See Gage, Charles S., assignor.)
Lentheric Incorporated. (See McIntosh, Frank, assignor.)
Lentini, Helen, New York, N. Y. Dress. 113,476; Feb. 21.
Lentini, Helen, New York, N. Y. Dress ensemble. 113,477; Feb. 21.
Lentini, Helen, New York, N. Y. Combination dress. 113,674; Mar. 7.
Lentini, Helen, New York, N. Y. Dress ensemble. 114,286; Apr. 11.
Lentini, Helen, New York, N. Y. Dress ensemble. 114,595; May 2.
Lentini, Helen, New York, N. Y. Dress. 116,780; Sept. 19.
Lentini, Helen, New York, N. Y. Dress. 116,781; Sept. 19.
Lentini, Helen, New York, N. Y. Dress. 116,902; Sept. 26.
Lentini, Helen, New York, N. Y. Dress. 116,903; Sept. 26.
Lentini, Helen, New York, N. Y. Dress. 116,904; Sept. 26.
Lentini, Helen, New York, N. Y. Reversible dress. 117,099; Oct. 10.
Lentini, Helen, New York, N. Y. Dress. 117,649; Nov. 14.
Lentini, Helen, New York, N. Y. Dress. 117,882; Nov. 28.
Lenz, Herbert S., Great Neck, assignor to R. H. Macy & Co., Inc., New York, N. Y. Box cover paper or similar article. 112,813; Jan. 3.
Leonard, Joseph E., Berkeley, assignor to Hammer-Bray Company, Ltd., Oakland, Calif. Table-top range. 114,339; Apr. 18.
Leonhardt, Edna F., Mount Airy, Philadelphia, Pa., assignor to Northampton Textile Company, Mount Holly, N. J. Textile fabric for upholstery. 115,093; May 30.
Lerman, Kate, Chicago, Ill. Radio or similar article. 115,413; June 27.
Lessman, Edward J., Minneapolis, Minn., assignor to McQuay, Inc. Radiator cabinet. 117,100; Oct. 10.
Lester Piano Company. (See Manfré, Philip R., assignor.)
Lester, Sidney, Brooklyn, assignor to The Kroder Reubel Co., Inc., New York, N. Y. Curtain rod. 117,673; Nov. 21.
Levay, Joseph, New York, N. Y. Dress. 113,815; Mar. 14.
Levin, David, New York, N. Y. Man's shirt collar. 113,092; Jan. 24.
Levin, David, New York, N. Y. Shoe. 113,973; Mar. 28.
Levin, David, New York, N. Y. Shoe. 116,917; Oct. 3.
Levin, David, New York, N. Y. Leather or similar article. 117,418; Oct. 31.
Levin, David, New York, N. Y., assignor to Newton Elkin Shoe Company, Philadelphia, Pa. Shoe or similar article. 117,379; Oct. 31.
Levin, Joseph, Lancaster, Pa., assignor to Polan, Katz & Company, Baltimore, Md. Umbrella. 115,562; July 4.
Levin, Joseph, Lancaster, Pa., assignor to Polan, Katz & Company, Baltimore, Md. Umbrella. 116,803; Sept. 26.
Levine, Abraham, Elizabeth, N. J. Lock for luggage cases or the like. 114,188; Apr. 11.
Levine, Abraham, Elizabeth, N. J. Lock for luggage cases or the like. 114,189; Apr. 11.
Levine, Abraham, Elizabeth, N. J. Lock for luggage cases or the like. 114,190; Apr. 11.
Levine, Abraham, Elizabeth, N. J. Lock for luggage cases or the like. 114,191; Apr. 11.
Levine, Abraham, Elizabeth, N. J. Lock for luggage containers or the like. 117,101; Oct. 10.
Levine, Abraham, Elizabeth, N. J. Lock for luggage cases or the like. 117,954; Dec. 5.
Levine, Abraham, Elizabeth, N. J. Lock for luggage cases or the like. 117,955; Dec. 5.
Levine, Abraham, New York, N. Y. Coat. 114,762; May 16.
Levine, Michael M., New York, N. Y. Dress. 117,773; Nov. 21.
Levine, Michael M., New York, N. Y. Dress. 117,774; Nov. 21.
Levy, Aaron, New York, N. Y. Textile fabric. 113,270; Feb. 7.
Levy, Aaron, New York, N. Y. Textile fabric. 113,600; Feb. 28.
Levy, Aaron, New York, N. Y. Textile fabric. 113,601; Feb. 28.
Levy, Aaron, New York, N. Y. Textile fabric. 113,602; Feb. 28.
Levy, Aaron, New York, N. Y. Textile fabric. 113,603; Feb. 28.
Levy, Aaron, New York, N. Y. Textile fabric. 113,604; Feb. 28.
Levy, Aaron, New York, N. Y. Textile fabric. 114,494; Apr. 25.

Levy, Aaron, New York, N. Y. Textile fabric. 114,596; May 2.
Levy, Albert A., et al. (See Biva, Lucien, assignor.)
Levy, Albert A., et al., co-executors. (See Biva, Lucien, assignor.)
Levy, Isidore, New York, N. Y. Coat. 113,208; Jan. 31.
Levy, Joseph, New York, N. Y., assignor to Century Lighting, Inc. Lighting fixture lens or the like article. 117,834; Nov. 28.
Levy, Maurice M., New York, N. Y. Game device. 115,209; June 13.
Levy, Viola A., New York, N. Y., assignor to Angelica Jacket Company, St. Louis, Mo. Uniform dress. 115,117; June 6.
Lewinski, George, assignor to The American-National Company, Toledo, Ohio. Tricycle. 117,906; Dec. 5.
Lewinski, George, assignor to The American-National Company, Toledo, Ohio. Tricycle. 117,930; Dec. 5.
Lewis, Bennett, New York, N. Y. Game piece. 114,543; May 2.
Lewis, Bennett, New York, N. Y. Game piece. 114,544; May 2.
Lewis, Bennett, New York, N. Y. Game piece. 114,545; May 2.
Lewis, Bennett, New York, N. Y. Game piece. 114,546; May 2.
Lewis, Bennett, New York, N. Y. Game piece. 114,547; May 2.
Lewis, Bennett, New York, N. Y. Game board. 115,118; June 6.
Lewis, Evelyn C., New York, N. Y. Pendant hanger. 117,674; Nov. 21.
Lewis, Florence N., New York, N. Y. Handbag. 113,043; Jan. 24.
Lewis, Florence N., New York, N. Y. Soap doll. 113,329; Feb. 14.
Lewis, Florence N., New York, N. Y. Combined perfume container and stand therefor. 113,635; Mar. 7.
Lewis, Florence N., New York, N. Y. Combined perfume container and stand therefor. 113,636; Mar. 7.
Lewis, Florence N., New York, N. Y. Handbag. 113,849; Mar. 21.
Lewis, Florence N., New York, N. Y. Apparel pin. 114,226; Apr. 11.
Lewis, Florence N., New York, N. Y. Handbag. 114,847; May 16.
Lewis, Florence N., New York, N. Y. Handbag. 114,848; May 16.
Lewis, Florence N., New York, N. Y. Handbag. 114,859; May 16.
Lewis, Florence N., New York, N. Y. Handbag. 114,860; May 16.
Lewis, Florence N., New York, N. Y. Combined perfume holder and cover. 115,881; July 25.
Lewis, Florence N., New York, N. Y. Combination perfume container. 116,371; Aug. 29.
Lewis, Florence N., New York, N. Y. Combined perfume container and box therefor. 117,069; Oct. 10.
Lewis, Florence N., New York, N. Y. Vanity case. 117,102; Oct. 10.
Lewis, Florence N., New York, N. Y. Handbag. 117,282; Oct. 24.
Lewis, Florence N., New York, N. Y. Combined box and perfume container. 117,572; Nov. 14.
Lewis, George C., Bryn Mawr, Pa. Aspirating air diffuser. 116,854; Sept. 26.
Lewis, George C., Bryn Mawr, Pa. Aspirating air diffuser. 116,855; Sept. 26.
Lewis, George C., Bryn Mawr, Pa. Aspirating air diffuser. 116,856; Sept. 26.
Lewis, George C., Bryn Mawr, Pa. Aspirating air diffuser. 117,694; Nov. 21.
Lewis, Griffith B., Watervliet, assignor to Willcox & Gibbs Sewing Machine Company, New York, N. Y. Sewing machine frame. 112,828; Jan. 3.
Lewis, Howard B., assignor to B. F. McDonald Company, Los Angeles, Calif. Respirator. 113,271; Feb. 7.
Lewis, Paul M., Denver, Colo. Automobile. 117,636; Nov. 14.
Libbey Glass Company. (See Fuerst, Edwin W., assignor.)
Libbey Glass Company. (See Hansen, Melvin O., assignor.)
Libbey Glass Company. (See Viatour, Jean, assignor.)
Liberty Lace and Netting Works. (See Moosherr, John, assignor.)
Lichtinger, Arthur J. (See Swalley, W. C., and Lichtinger.)
Lieberman, Louis B., New York, N. Y. Coat. 113,497; Feb. 28.
Liess, Edward T. (See Bauberger, C. W., and Liess.)
Lima Cord Sole and Heel Company, The. (See Wirries, Walter H., assignor.)
Limmer, Peter, Jamaica Plain, Mass. Ski boot. 117,637; Nov. 14.
Lind, Virginia, Atlanta, Ga. Cleaning device for pipe stems, cigar and cigarette holders. 115,157; June 6.
Linde, Gertrude I., New York, N. Y., assignor to H. A. Lawson, Signal Mountain, Tenn. Bedspread. 113,605; Feb. 28.
Lindemann, A. J., & Hoverson Company. (See Lindemann. Walter C., assignor.)
Lindemann, Walter C., assignor to A. J. Lindemann & Hoverson Company, Milwaukee, Wis. Range or analogous article. 116,370; Aug. 29.
Linder, Charles, and C. Putterman, Brooklyn, N. Y. Slipper. 116,918; Oct. 3.
Linder, Charles, and C. Putterman, Brooklyn, N. Y. Slipper. 116,919; Oct. 3.
Linder, Max, Brooklyn, N. Y. Child's slipper. 115,151; June 6.
Lindstaedt, Frank F., San Francisco, Calif. Combined coupling and spray nozzle. 115,414; June 27.
Lingard, Harold A., Riverside, N. J., assignor to T. H. Coll, Philadelphia, Pa. Door pull or similar article. 116,497; Sept. 5.
Link, Milton P., Glen Rock, N. J., G. P. de Mellier, Wantagh, N. Y., and L. F. Tillinghast, West Englewood, N. J., assignors to Great American Indemnity Company, New York, N. Y. Badge or similar article. 114,084; Apr. 4.
Linney, Albert T., Lexington, Ky. Toy gun. 114,548; May 2.
Linstrom, John B., Newton, Mass. Reflector. 117,479; Nov. 7.
Linyard, Wallace K., Memphis, Tenn. Tool holder. 115,503; July 4.
Lion Manufacturing Corporation. (See Reinecke, Jean O., assignor.)
Lipic, Jos. Pen Co. (See Lipic, Joseph G., Jr., assignor.)
Lipic, Joseph G., Jr., assignor to Jos. Lipic Pen Co., St. Louis, Mo. Combined pencil and thermometer. 114,899; May 23.
Lipof, Joseph, Mattapan, Mass. Dress. 113,568; Feb. 28.
Lipp, Archie C., Akron, Ohio, assignor to The B. F. Goodrich Company, New York, N. Y. Spark plug. 117,232; Oct. 17.
Lippert, Irving, New York, N. Y. Shoe. 113,389; Feb. 21.
Lippert, Morris, Brooklyn, N. Y. Slipper. 117,931; Dec. 5.
Lippold, Richard A., Milwaukee, Wis., assignor to Cherry-Burrell Corporation, Chicago, Ill. Bottle washer. 115,460; June 27.
Litle, Thomas J., Jr., assignor to Easy Washing Machine Corporation, Syracuse, N. Y. Washing machine tub. 117,283; Oct. 24.
Little, John M. (See Van Doren, H., and Little.)
Livingston, Arnold, New York, N. Y. Collar. 114,884; May 16.
Livingston, William, Brooklyn, and G. Freedman, New York, N. Y. Game board. 115,337; June 20.
Lloyd, Philip G., Jackson Heights, N. Y., assignor to Carr-Lowry Glass Co., Baltimore, Md. Bottle. 115,415; June 27.
Lobel, Rudolph, New York, N. Y. Handbag. 117,932, Dec. 5.
Lobl, Otto, Middleboro, Mass. Dispenser for elastic bands or the like. 114,957; May 23.
Lobl, Otto, Middleboro, Mass. Game apparatus. 115,045; May 30.
Lockart, Edward P., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Hollow glass building block. 114,085; Apr. 4.
Lockart, Edward P., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Hollow glass building block. 114,086; Apr. 4.
Lockheed Aircraft Corporation. (See Johnson, Clarence L., assignor.)
Lockshin, Carl, et al. (See D'Addario, Thomas, assignor.)
Lockwood, Charles N., Chicago, Ill. Combination baby's dining tray and cup. 116,623; Sept. 12.
Lockwood Manufacturing Company, The. (See Pater, Ray C., assignor.)
Loeb, Sylvia, New York, N. Y. Handkerchief display unit. 115,210; June 13.
Loewy, Raymond F. (See Forster, W. J., and Loewy.)
Loewy, Raymond, New York, N. Y., assignor to The Greyhound Corporation, Chicago, Ill. Motor coach. 113,009; Jan. 24.
Loewy, Raymond, New York, N. Y., assignor to Sears, Roebuck and Co., Chicago, Ill. Door handle. 117,380; Oct. 31.
Loewy, Raymond, assignor to Parfums Schiaparelli, Inc., New York, N. Y. Combined display device and music box. 118,164; Dec. 19.
Lofgren, Gustaf E., Riverside, Conn., assignor to Electrolux Corporation, Dover, Del. Vacuum cleaner nozzle. 116,593; Sept. 12.
Logan, George M., Jr., New York, N. Y. Handkerchief. 117,752; Nov. 21.
Lohse, Frederick W., Attleboro, assignor to T. J. Holmes Company, Inc., Norton, Mass. Atomizer. 113,364; Feb. 14.
Lombard, Ralph S., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Pneumatic tire. 115,835; July 25.
Lombard, Ralph S., Detroit, Mich., assignor to United States Rubber Company, New York, N. Y. Pneumatic tire. 116,344; Aug. 29.
Long, Edward B., Jr., and H. F. Carpenter, White Plains, N. Y. Holder for a shaving set. 117,401; Oct. 31.
Long, James W., Brooklyn, N. Y. Dart football game board. 113,749; Mar. 14.
Long, Samuel L., Jr., Knoxville, Tenn. Luggage case. 113,044; Jan. 24.
Longmaid, Sydney E., Rosemont, Pa., assignor to The Esterbrook Steel Pen Manufacturing Co., Camden, N. J. Pen point. 115,868; July 25.

Lord, Howard F., assignor to J. W. Wood Elastic Web Co., Stoughton, Mass. Woven elastic fabric. 116,992; Oct. 3.
Lord, Howard F., assignor to J. W. Wood Elastic Web Co., Stoughton, Mass. Woven elastic fabric. 116,993; Oct. 3.
Lorden, Edwin L., assignor to W. Nathanson, Los Angeles, Calif. Radio or phonograph cabinet grille or similar article. 113,870; Mar. 21.
Lorenzen, Arnold I. (See Fuerst, B. D., and Lorenzen.)
Lorenzen, Arnold I., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Bottle. 113,045; Jan. 24.
Lotz, August J., and G. W. Tammen, assignors to Binks Manufacturing Company, Chicago, Ill. Portable air compressor or the like. 118,165; Dec. 19.
Louchheim, Jerome H., Jr. (See Prossack, Herman L., assignor.)
Loudy, Flavius E., Hempstead, N. Y. Airplane. 115,854; July 25.
Love, Jesse M. (See Schellin, J. C., Love, and Housekeeper.)
Love, Kit C., Muskogee, Okla. Bottle. 116,236; Aug. 22.
Love, Lee C., assignor to The Ebco Manufacturing Co., Columbus, Ohio. Combined sink and faucet. 113,232; Feb. 7.
Love, Lee C., assignor to The Ebco Manufacturing Company, Columbus, Ohio. Combined sink and faucet. 116,564; Sept. 12.
Lovejoy, Arthur W., Lowell, assignor to P. I. Morehouse, Lawrence, Mass. Cake box. 116,345; Aug. 29.
Lovejoy, Arthur W., Lowell, assignor to P. I. Morehouse, Methuen, Mass. Cupboard. 116,346; Aug. 29.
Lovelace, William R. (See Boothby, W. M., Bilbulian, and Lovelace.)
Lovgren, Carl, Wilmette, W. J. Burgess, Park Ridge, and V. P. Guild, assignors to T. Buettner & Co., Inc., Chicago, Ill. Rug-making loom. 112,814; Jan. 3.
Lowe, Joe, Corporation. (See West, John W., assignor.)
Lowenstein, Casper, Brooklyn, N. Y., assignor to United-Carr Fastener Corporation, Cambridge, Mass. Handbag clasp. 114,249; Apr. 11.
Lowenstein, Malcolm W., Baltimore, Md. Bottle or similar article. 114,368; Apr. 18.
Lowther, Jesse P., Spokane, Wash. Air exhauster for toilet bowls. 113,168; Jan. 31.
Lubin, Henry G. (See Vivaudou, J. E., and Lubin.)
Lubitsch, Fania, New York, N. Y. Textile fabric. 116,664; Sept. 12.
Lubitsch, Fania, New York, N. Y. Textile fabric. 116,765; Sept. 19.
Ludwig, Louis, Brooklyn, N. Y. Lamp. 112,957; Jan. 17.
Ludwig, Louis, Brooklyn, N. Y. Lamp. 113,850; Mar. 21.
Luger, Elmer R., Anoka, Minn. Chair or similar article. 117,795; Nov. 28.
Lum, George R., assignor to Bell Telephone Laboratories, Incorporated, New York, N. Y. Wall telephone unit. 116,624; Sept. 12.
Luminous Processes, Inc. (See Fordyce, Rufus G., assignor.)
Lummis Glass Company. (See Briner, Darrell E.)
Lummis, Leslie A. (See Briner, Darrell E., assignor.)
Lunning, Frederik, Inc. (See Bojesen, Kay, assignor.)
Lusareta, Joseph, San Luis Obispo, Calif. Penholder. 114,791; May 16.
Lutz, Albert W., Brockton, assignor to Geo. E. Keith Company, Campello, Mass. Shoe. 113,117; Jan. 31.
Lux Clock Manufacturing Company, The. (See Lux, F., and Hersey, assignors.)
Lux, Eugene J., New York, N. Y., assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Goggle. 116,038; Aug. 8.
Lux, Eugene J., New York, N. Y., assignor to Columbia Protektosite Co., Inc., Carlstadt, N. J. Garment supporting hook. 116,450; Sept. 5.
Lux, Frederick, and W. A. Hersey, assignors to The Lux Clock Manufacturing Company, Inc., Waterbury, Conn. Case for range timers. 117,497; Nov. 7.
Lynch, David W., Lancaster, Pa. Sled. 112,958; Jan. 17.
Lynch, Frances D., North Plainfield, N. J. Decorative wall ornament or the like. 115,446; June 27.
Lynch, Jeremiah P., Oak Park, assignor to General Outdoor Advertising Co., Chicago, Ill. Squeegee. 117,402; Oct. 31.
Lynch, Thomas B., and C. W. Kenzie, Irons, Mich. Culinary cabinet. 116,372; Aug. 29.
Lyon, George A., Allenhurst, N. J. Wheel disk or similar article. 113,675; Mar. 7.
Lyon Metal Products, Incorporated. (See O'Connor, John B., assignor.)
Lyon, Rowland, Chevy Chase, Md. Statuette. 114,192; Apr. 11.
Lyons-Magnus, Inc. (See Voorsanger, Leon M., assignor.)
M and M Wood Working Company. (See Hansen, Ray C., assignor.)
Mac Dee Company. (See McDonald, Herman M., assignor.)
Macdonald, Laurie S. (See Sabel, I., and Macdonald.)
MacDonald, Thomas O., Toledo, Ohio. Trigger guard bumper for dispensing nozzles. 114,087; Apr. 4.
Mace, Arthur T., East Cleveland, assignor to The Radiart Corporation, Cleveland, Ohio. Radio antenna or the like. 116,080; Aug. 8.
MacFadden, Glenn E. and L., assignors to Markel Electric Products, Inc., Buffalo, N. Y. Combined wall bracket lamp, pot, and support therefor. 118,287; Dec. 26.
MacFadden, Glenn E. and L., assignors to Markel Electric Products, Inc., Buffalo, N. Y. Wall bracket lamp. 118,288; Dec. 26.
MacFadden, Glenn E. and L., assignors to Markel Electric Products, Inc., Buffalo, N. Y. Wall bracket lamp. 118,307; Dec. 26.
MacFadden, Leland. (See MacFadden, Glenn E. and L.)
MacGregor, Bertha L., as trustee. (See Roessner, William L., assignor.)
Machanoff, Ben, New York, N. Y. Dress. 117,006; Oct. 3.
Machanoff, Ben, New York, N. Y. Dress. 117,007; Oct. 3.
Machanoff, Ben, New York, N. Y. Dress. 116,883; Sept. 26.
Macht, Jack, New York, assignor to Consolidated Slipper Corporation, Bombay, N. Y. Bedroom slipper. 113,750; Mar. 14.
Macht, Jack, New York, assignor to Consolidated Slipper Corporation, Bombay, N. Y. Slipper. 113,751; Mar. 14.
Mack, Alex, and E. C. Hyle, New York, N. Y. Shoe or similar article. 114,150; Apr. 4.
Mackewicz, Alexandra, assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 114,792; May 16.
Macklanburg, Louis A., Oklahoma City, Okla. Grille. 116,920; Oct. 3.
MacLean, Malcolm F., Swampscott, Mass., assignor to International Salt Co., Inc., Scranton, Pa. Holder for a salt block. 118.124; Dec. 19.
MacLeod, Bertram H., Pembroke, assignor to Avon Sole Company, Holbrook, Mass. Composite shoe sole or analogous article. 114,340; Apr. 18.
Macloon, Louis. (See Hater, H. J., and Macloon.)
MacPhail, Walter R., and L. E. Johnson, Jackson, Mich. Audible signal unit or similar article. 112,883; Jan. 10.
Macy, R. H., & Co. (See Dexter, Hildreth L., assignor.)
Macy, R. H., & Co. (See Lenz, Herbert S., assignor.)
Macy, R. H., & Co. (See Platt, Joseph B., assignor.)
Madda, Lauretta S., Chicago, Ill. Combined supporting bracket and shield for a condiment container or similar article. 117,821; Nov. 28.
Madden, William J., Jr. (See Bradley, G. H., Cragun, and Madden.)
Madsen, John S., New York, N. Y. Tablecloth or similar article. 113,752; Mar. 14.
Madsen, John S., New York, N. Y. Scarf or similar article. 114,793; May 16.
Madsen, John S., New York, N. Y. Scarf or similar article. 114,794; May 16.
Madsen, John S., New York, N. Y. Scarf or similar article. 114,795; May 16.
Madsen, John S., New York, N. Y. Scarf or similar article. 114,796; May 16.
Madsen, John S., New York, N. Y. Scarf or similar article. 114,797; May 16.
Madsen, John S., New York, N. Y. Scarf or similar article. 114,816; May 16.
Madsen, John S., New York, N. Y. Doily or similar article. 114,817; May 16.
Madsen, John S., New York, N. Y. Tablecloth or similar article. 114,818; May 16.
Madsen, John S., New York, N. Y. Tablecloth or similar article. 114,819; May 16.
Madsen, John S., New York, N. Y. Tablecloth or similar article. 115,169; June 6.
Madsen, John S., New York, N. Y. Tablecloth or similar article. 117,070; Oct. 10.
Madsen, Paul S., Bethany, assignor to The Seamless Rubber Company, Incorporated, New Haven, Conn. Comb. 116,039; Aug. 8.
Maerz, Frederick K., assignor to H. J. and M. D. Gruber, doing business as Gruber Bros., New York, N. Y. Fluorescent tube socket crown. 115,158; June 6.
Magarian, Masick C., Fresno, Calif. Safety reflector for an automobile or the like. 114,453; Apr. 25.
Magesis, Abraham, New York, N. Y. Dress. 113,569; Feb. 28.
Magill, Jess R. (See Bradford, Harvey M., assignor.)
Mahler, E. B., Company. (See Mahler, Florence M., assignor.)
Mahler, Florence M., assignor to E. B. Mahler Company, Buffalo, N. Y. Jewelry box or similar article. 114,193; Apr. 11.
Mahler, Simon, New York, N. Y. Dress. 118,000; Dec. 5.
Mahler, Simon, New York, N. Y. Dress. 118,001; Dec. 5.
Maidman, Ada, New York, N. Y. Dress. 113,816; Mar. 14.
Maidman, Ada, New York, N. Y. Dress. 116,409; Aug. 29.
Maidman, Ada, New York, N. Y. Dress ensemble. 116,410; Aug. 29.
Maidman, Ada, New York, N. Y. Dress. 116,411; Aug. 29.
Maidman, Ada, New York, N. Y. Dress. 116,905; Sept. 26.
Maidman, Ada, New York, N. Y. Dress. 116,906; Sept. 26.
Maidman, Ada, New York, N. Y. Dress. 117,319; Oct. 24.

Maidman, Ada, New York, N. Y. Dress ensemble. 117,541; Nov. 7.
Maine Canned Foods, Inc. (See Soule, Chester C., assignor.)
Maisch, Jacques E., New York, N. Y. Sunglasses. 115,933; Aug. 1.
Majestic Radio and Television Corporation. (See Bel Geddes, Norman, assignor.)
Majewski, Joseph M., Jr., assignor to F. L. Talge, Kansas City, Mo., doing business as Rival Manufacturing Company. Ice crusher. 116,565; Sept. 12.
Maji, John J., Omaha, Nebr. Game board. 115,836; July 25.
Maling, Roy, West Roxbury, Mass. Shoe. 113,390; Feb. 21.
Maling, Roy, West Roxbury, Mass. Shoe. 113,391; Feb. 21.
Maling, Roy, West Roxbury, Mass. Shoe. 117,103; Oct. 10.
Maling, Roy, West Roxbury, Mass. Shoe. 117,104; Oct. 10.
Malkin, Samuel M., Newark, N. J. Building or similar article. 116,539; Sept. 5.
Mallett, Wayne L., Valparaiso, Ind. Metallized funeral wreath. 115,855; July 25.
Manaster, Ben B., Chicago, Ill. Tie rack. 116,566; Sept. 12.
Manchester, Eugene L., North Attleboro, assignor to R. H. Tucker, Brockton, Mass. Finger ring. 116,237; Aug. 22.
Manchester, Winfield S., Newton Center, and H. Hathaway, Medford, Mass., assignors to The Sherwin-Williams Company, Cleveland, Ohio. Combined paint brush and scraper. 117,933; Dec. 5.
Mandel, Edward, Cleveland, Ohio. Bathing suit. 115,370; June 20.
Mandelbaum, Arthur S., New York, N. Y. Textile fabric. 113,957; Mar. 21.
Mandelbaum, Arthur S., New York, N. Y. Textile fabric. 117,105; Oct. 10.
Mandl, Siegmund, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Torque indicating tool. 115,416; June 27.
Mandl, Siegmund, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. Arbor press. 116,269; Aug. 22.
Mandler, Vera S., New York, N. Y. Dress. 116,347; Aug. 29.
Mandler, Vera S., New York, N. Y. Dress. 116,348; Aug. 29.
Manfré, Philip R., Philadelphia, Pa., assignor to Lester Piano Company. Piano. 115,934; Aug. 1.
Manley, Charles T., assignor to Burch Manufacturing Company, Kansas City, Mo. Combined popcorn machine cabinet and bag compartment. 118,331; Dec. 26.
Mann, Leo, Providence, R. I. Container cap. 116,857; Sept. 26.
Manning, Daniel T., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Brace top link. 113,974; Mar. 28.
Manning, Daniel T., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Suspender end or the like. 114,638; May 9.
Manning, Maxwell & Moore, Incorporated. (See Merrill, Hamilton, assignor.)
Manning, Roland A., Milwaukee, Wis., assignor to Moe-Bridges Corporation. Illuminating fixture. 112,840; Jan. 3.
Manning, Roland A., Milwaukee, Wis., assignor to Moe-Bridges Corporation. Illuminating fixture. 112,841; Jan. 3.
Manning, Roland A., Milwaukee, Wis., assignor to Moe-Bridges Corporation. Illuminating fixture. 112,842; Jan. 3.
Manning, Roland A., Milwaukee, Wis., assignor to Moe-Bridges Corporation. Illuminating fixture. 112,843; Jan. 3.
Manning, Roland A., Milwaukee, Wis., assignor to The Electric Sprayit Co. Sprayer. 112,884; Jan. 10.
Manning, Roland A., Milwaukee, Wis., assignor to The Electric Sprayit Co. Sprayer. 112,885; Jan. 10.
Manning, Roland A., Milwaukee, Wis., assignor to The Electric Sprayit Co. Air compressor. 113,427; Feb. 21.
Manning, Roland A., Milwaukee, Wis., assignor to The Electric Sprayit Co. Air compressor. 113,428; Feb. 21.
Manning, Roland A., Milwaukee, Wis., assignor to Moe-Bridges Corporation. Illuminating floor lamp. 114,088; Apr. 4.
Manning, Roland A., Milwaukee, Wis., assignor to Moe-Bridges Corporation. Illuminating floor lamp. 114,108; Apr. 4.
Manning, Walter E., Jr., Chattanooga, Tenn. Door handle. 113,233; Feb. 7.
Manoha, Jacques, assignor to Houbigant, Inc., New York, N. Y. Bottle. 117,620; Nov. 14.
Man-Sew Pinking Attachment Corp. (See Sigoda, Victor J., assignor.)
Mantle Lamp Company of America, The. (See Bramming, Carl, assignor.)
Mantle Lamp Company of America, The. (See Schwarz, Eugene, assignor.)
Mantz, Robert, assignor to City Novelty Corporation, New York, N. Y. Linked chain. 115,346; June 20.
Manus, Bernice S., Brooklyn, N. Y. Typewriter key top. 114,735; May 9.
Marano, Pasquale, Brooklyn, N. Y. Table. 115,119; June 6.
Marathon Paper Mills Company. (See Broeren, Frank L., assignor.)
Marathon Paper Mills Company. (See Broeren, F. L., and Hope, assignors.)
Marathon Paper Mills Company. (See Holt, George W., Jr., assignor.)
Marathon Paper Mills Company. (See Morris, Elmer C., assignor.)
Marcello, Charles, Brooklyn, N. Y. Shoe or similar article. 112,780; Jan. 3.
Marcello, Charles, Brooklyn, N. Y. Shoe or similar article. 112,781; Jan. 3.
Marcello, Pierre. (See Miller, H., and Marcello.)
March, Walter, West Nyack, N. Y. Building front. 117,753; Nov. 21.
Marchand, Adolph, Jackson Heights, N. Y. Mirror. 116,567; Sept. 12.
Marciano, Gerardo F., Providence, R. I., assignor to Universal Optical Corporation. Sun glasses. 116,141; Aug. 15.
Marcus, Mortimer, New York, N. Y. Belt or similar article. 117,523; Nov. 7.
Marder, Leo, Brooklyn, N. Y. Head for a hand mirror or similar article. 116,040; Aug. 8.
Marder, Leo, Brooklyn, N. Y. Head for a hand mirror or similar article. 116,041; Aug. 8.
Maresca, Frank, New York, N. Y. Display refrigerator. 117,956; Dec. 5.
Marholz, Richard C. (See Dunn, W. L., and Marholz.)
Marholz, Richard S., assignor to Belmont Radio Corporation, Chicago, Ill. Radio receiver cabinet. 112,959; Jan. 17.
Marholz, Richard C., assignor to Belmont Radio Corporation, Chicago, Ill. Control unit for a radio receiver. 116,746; Sept. 19.
Marine Optical Mfg. Co. (See Diodati, Amedeo, assignor.)
Markel Electric Products, Inc. (See MacFadden, Glenn E. and L., assignors.)
Marks, John C., New York, N. Y. Shoe or similar article. 118,125; Dec. 19.
Marks, Murray J., New York, N. Y. Hat. 114,383; Apr. 18.
Marks, Murray J., New York, N. Y. Hat. 115,046; May 30.
Marks, Murray J., New York, N. Y. Hat. 115,371; June 20.
Marrera, Philip C., Chicago, Ill. Grille guard. 113,871; Mar. 21.
Marschner, Max A. (See Percell, William, assignor.)
Marsh, Edward D., Chicago, and M. R. Wiffler, Glenview, Ill. Radio cabinet. 113,272; Feb. 7.
Martial, Jacques, New York, assignor to C. Q. Sherman, Mount Vernon, N. Y. Cabinet for dispensing articles. 114,089; Apr. 4.
Martial, Jacques, New York, assignor to C. Q. Sherman, Mount Vernon, N. Y. Combined storage and dispensing cabinet. 115,504; July 4. a
Martin, Emanuel J., Pittsburgh, Pa. Flower holder. 116,568; Sept. 12.
Martin, Glenn L., Company, The. (See Boulton, B. C., and McCarty, assignors.)
Martin, Glenn L., Company, The. (See McDonnell, James S., Jr., assignor.)
Martin, Glenn L., Company, The. (See Roberts, Clifford E., assignor.)
Martin, Glenn L., Company, The. (See Watter, Michael, assignor.)
Martin, H. H., Products Corporation. (See Martin, Herman H., assignor.)
Martin, Herman H., assignor to H. H. Martin Products Corporation, Toledo, Ohio. Dispensing closure. 116,858; Sept. 26.
Martin, James V., Hempstead, N. Y. Oceanplane. 114,122; Apr. 4.
Martin, Michael A., Erie, Pa. Beverage cooling cabinet or similar article. 117,907; Dec. 5.
Martinet, Eugene F., assignor to The P. A. Geier Company, Cleveland, Ohio. Suction cleaner. 117,775; Nov. 21.
Martino, William, Detroit, Mich. Comb cleaner. 112,946; Jan. 17.
Marx, Bernard C., New York, N. Y. Textile fabric. 117,869; Nov. 28.
Mas, George N., Lynchburg, Va. Bottle. 116,349; Aug. 29.
Mas, George N., Lynchburg, Va. Milk bottle. 116,860; Sept. 26.
Mas, George N., Lynchburg, Va. Milk bottle. 116,861; Sept. 26.
Mas, George N., Lynchburg, Va. Milk bottle. 116,862; Sept. 26.
Mas, George N., Lynchburg, Va. Milk bottle. 116,863; Sept. 26.
Mascitelli, Catherine, New York, N. Y. Dress ensemble. 116,980; Oct. 3.
Mascitelli, Catherine, New York, N. Y. Dress ensemble. 117,480; Nov. 7.
Mascitelli, Catherine G., New York, N. Y. Dress. 116,959; Oct. 3.
Mascitelli, Marie, New York, N. Y. Dress ensemble. 117,481; Nov. 7.

Mascitelli, Marie V., New York, N. Y. Dress. 114,736; May 9.
Mascitelli, Marie V., New York, N. Y. Dress and slip ensemble. 114,958; May 23.
Mascitelli, Marie V., New York, N. Y. Dress. 116,960; Oct. 3.
Mascitelli, Marie V., New York, N. Y. Dress. 116,961; Oct. 3.
Mascitelli, Marie V., New York, N. Y. Dress. 117,250; Oct. 17.
Mascitelli, Marie V., New York, N. Y. Dress ensemble. 117,284; Oct. 24.
Mass, Max, Brooklyn, N. Y. Braid or similar article. 113,392; Feb. 21.
Massow, Morris, New York, N. Y. Dress. 114,042; Mar. 28.
Massow, Morris, New York, N. Y. Dress ensemble. 114,287; Apr. 11.
Massow, Morris, New York, N. Y. Dress. 114,288; Apr. 11.
Massow, Morris, New York, N. Y. Dress. 114,289; Apr. 11.
Massow, Morris, New York, N. Y. Dress. 114,290; Apr. 11.
Massow, Morris, New York, N. Y. Dress ensemble. 114,291; Apr. 11.
Massow, Morris, New York, N. Y. Dress. 114,292; Apr. 11.
Massow, Morris, New York, N. Y. Dress ensemble. 114,293; Apr. 11.
Massow, Morris, New York, N. Y. Dress ensemble. 114,403; Apr. 18.
Massow, Morris, New York, N. Y. Dress. 114,495; Apr. 25.
Massow, Morris, New York, N. Y. Dress. 114,715; May 9.
Massow, Morris, New York, N. Y. Dress. 114,861; May 16.
Massow, Morris, New York, N. Y. Dress ensemble. 114,862; May 16.
Massow, Morris, New York, N. Y. Dress ensemble. 114,872; May 16.
Massow, Morris, New York, N. Y. Dress ensemble. 114,873; May 16.
Massow, Morris, New York, N. Y. Dress. 114,874; May 16.
Massow, Morris, New York, N. Y. Dress. 114,885; May 16.
Master Venetian Blind Hardware Corporation. (See Radel, Aaron A., assignor.)
Mastin, Francis B., New York, N. Y. Eye bandage. 113,676; Mar. 7.
Matarrese, Frank, Ridgefield Park, N. J., assignor to S. Naitove & Co., Inc., New York, N. Y. Textile fabric or similar article. 115,447; June 27.
Mathauer, Edmund G., Philadelphia, Pa., assignor to American Car and Foundry Motors Company, New York, N. Y. Highway vehicle. 115,347; June 20.
Mattes, Harold C., assignor to Belmont Radio Corporation, Chicago, Ill. Portable radio receiver. 116,270; Aug. 22.
Matteson, Burton J., Jr., Mission, assignor to Roadrunner Corporation, Brownsville, Tex. Motor vehicle body. 117,696; Nov. 21.
Matthay, Frank W., assignor to The Parker Pen Company, Jamesville, Wis. Display box. 115,047; May 30.
Matthews, Jas. H., & Company. (See Florig, Frederick F., assignor.)
Matuella, Charles J., Hazleton, Pa. Building. 117,046; Oct. 10.
Mau, Louis A., assignor to Auto Radiator Manufacturing Co., Chicago, Ill. Audible signal unit or similar article. 113,710; Mar. 14.
Mau, Louis A., assignor to Auto Radiator Manufacturing Co., Chicago, Ill. Audible signal unit or similar article. 113,711; Mar. 14.
Mauller, Dixon M., Port Washington, N. Y., assignor, by mesne assignments, to Standard Oil Development Company, Linden, N. J. Display sign. 115,418; June 27.
Maulsby, Helen S., New York, N. Y. Hair drier hood shield. 118,320; Dec. 26.
Maurer, John E., Pomona, Calif. Dispensing cabinet for toilet seat covers. 116,042; Aug. 8.
Mautner, Samuel, New York, N. Y. Jewelry box or similar article. 116,827; Sept. 26.
Mavest Inc. (See Karplus, Ruth, assignor.)
Maxenberger, Ludwig, East Cleveland, Ohio. Radiator ornament or similar article. 115,000; May 30.
May, Edward P., New Brighton, Pa. Display rack. 114,227; Apr. 11.
May, Edward P., New Brighton, Pa. Display rack. 114,228; Apr. 11.
May, Helen, New York, N. Y. Dress. 114,959; May 23.
May, Helen, New York, N. Y. Dress. 116,962; Oct. 3.
May Oil Burner Corporation. (See Sandlas, Henry J., Jr., assignor.)
May, Robert A., assignor to Duncan & Miller Glass Company, Washington, Pa. Dish or similar article. 115,935; Aug. 1.
Mayehoff, Mordecai N., New York, N. Y. Dress. 115,601; July 4.
Mayer China Company. (See Gougler, Marcelline, assignor.)
Mayer China Company. (See Johnson, Doris, assignor.)

Mayer, Frank J., assignor to The National Telephone Supply Company, Cleveland, Ohio. Splicing sleeve compressing tool. 116,745; Sept. 19.
Mayers, L. & C., Company. (See Mayers, Lawrence S., assignor.)
Mayers, Lawrence S., assignor to L. & C. Mayers Company, New York, N. Y. Spoon or other article of flatware. 115,691; July 11.
Maytag Company, The. (See Smith, T. R., and Van Doren, assignors.)
Mazer Bros. (See Wuyts, Joseph, assignor.)
Mazer, Louis, New York, N. Y. Jewelry element for bracelets or similar articles. 114,454; Apr. 25.
Mazer, Louis, New York, N. Y. Jewelry element for bracelets or similar articles. 114,455; Apr. 25.
Mazola, Christine, New York, N. Y. Dress ensemble. 112,980; Jan. 17.
Mazola, Christine, New York, N. Y. Dress ensemble. 117,883; Nov. 28.
Mazola, Christine, New York, N. Y. Dress. 117,884; Nov. 28.
McAlear, Philomene G., Chicago, Ill. Toothpick. 113,516; Feb. 28.
McArthur, Joseph, assignor to James Heddon's Sons, Dowagiac, Mich. Fish lure. 113,611; Feb. 28.
McBride, Clifford A. (See Scanlon, Edward C., assignor.)
McBride, Clifford A., East Providence, R. I. Receptacle for beer scrapers or the like. 115,211; June 13.
McBride, Clifford A., East Providence, R. I. Combination receptacle for beer scrapers or the like and support. 115,212; June 13.
McCabe, Adele. (See McCabe, Alexander and A.)
McCabe, Alexander and A., San Francisco, Calif., assignors to Acme Breweries. Rotatable advertising sign. 114,456; Apr. 25.
McCandless, Estella S., Detroit, Mich. Set of cards. 117,187; Oct. 17.
McCann, Clyde D., Des Moines, Iowa. Desk lamp. 115,417; June 27.
McCarthy, Arthur L., assignor to Eureka Vacuum Cleaner Company, Detroit, Mich. Display stand for a vacuum cleaner or similar article. 113,753; Mar. 14.
McCarthy, Eugene J., assignor to A. G. Walton & Co., Inc., Chelsea, Mass. Shoe sole. 113,851; Mar. 21.
McCarthy, John F., and B. L. Roberts, Nassau, The Bahama Islands, British West Indies. Scarf. 117,251; Oct. 17.
McCarty, Lewis C., Jr. (See Boulton, B. C., and McCarty.)
McClain, Walter A., Lawrence, Kans. Jayhawk paperweight. 117,106; Oct. 10.
McCullouch, William L., Aurora, Ill. Desk telephone directory. 115,763; July 18.
McCutcheon, John G., Scarsdale, N. Y. Textile fabric. 114,250; Apr. 11.
McDanal, Michael R., Denver, Colo. Pair of spectacles. 113,010; Jan. 24.
McDevitt, Harry J., Media, Pa. Safety lock for automobile doors. 116,350; Aug. 29.
McDonald, A. Y., Mfg. Co. (See Groen, Christopher, assignor.)
McDonald, Alexander J., Denver, Colo. Impeller. 117,719; Nov. 21.
McDonald, B. F., Company. (See Lewis, Howard B., assignor.)
McDonald, Eugene F., Jr., assignor to Zenith Radio Corporation, Chicago, Ill. Radio casing. 117,188; Oct. 17.
McDonald, Eugene F., Jr., assignor to Zenith Radio Corporation, Chicago, Ill. Radio casing. 117,189; Oct. 17.
McDonald, Herman M., Evanston, Ill., assignor to Mac Dee Company. Shorts or similar article. 113,896; Mar. 21.
McDonald, James F., Tulsa, Okla. Combined Dinah doll and darning kit. 113,234; Feb. 7.
McDonald, Sterling B. (See Alm, H. G., and McDonald.)
McDonald, Thomas M., assignor to The Weber Dental Manufacturing Company, Canton, Ohio. X-ray unit. 115,291; June 20.
McDonald, Thomas M., and E. L. Monnot, assignors to The Weber Dental Manufacturing Company, Canton, Ohio. Chair. 114,194; Apr. 11.
McDonald, William B., San Francisco, Calif. Can or similar article. 113,330; Feb. 14.
McDonald, William L., North Bergen, N. J., assignor to Catholic War Veterans, Incorporated. Badge or similar article. 116,859; Sept. 26.
McDonnell, James S., Jr., assignor to The Glenn L. Martin Company, Baltimore, Md. Airplane. 117,695; Nov. 21.
McDuff, Eddy R., Detroit, Mich. Combined phonograph, record, and radio cabinet. 117,107; Oct. 10.
McFetridge, Johnson, Washington, D. C. Fishing rod butt. 116,828; Sept. 26.
McGarry, Everett J., Chicago, Ill. Display stand. 116,043; Aug. 8.
McGill, Andrew D. (See Wright, S. M., and McGill.)
McGlynn, Edward, New York, N. Y. Sungoggles. 114,994; May 30.
McGraw Electric Company. (See Reinecke, J. O., and Barnes, assignors.)
McIntosh, Frank, New York, N. Y. Bottle. 112,782; Jan. 3.
McIntosh, Frank, New York, N. Y. Vanity case. 113,273; Feb. 7.

McIntosh, Frank, assignor to Lentheric Incorporated, New York, N. Y. Vanity case. 114,863; May 16.
McIntosh, Frank, assignor to Lentheric Incorporated, New York, N. Y. Cake of soap or the like. 115,181; June 6.
McIntosh, Frank, assignor to Lentheric Incorporated, New York, N. Y. Vanity case. 116,232; Aug. 22.
McIntosh, Frank, assignor to Lentheric Incorporated, New York, N. Y. Box. 116,271; Aug. 22.
McIntosh, Robert D., River Forest, assignor to The Imperial Brass Manufacturing Company, Chicago, Ill. Swing spout faucet. 117,071; Oct. 10.
McKay, John A., Coshocton, Ohio. Lamp housing. 118,308; Dec. 26.
McKee, Arnold W., Des Moines, Iowa. Container top. 113,301; Feb. 7.
McKee Glass Company. (See Smith, Maurice A., assignor.)
McKeen, Margaret, Los Angeles, Calif. Combined manicure bowl and brush. 113,076; Jan. 24.
McKeen, Margaret, Los Angeles, Calif. Combined manicure bowl and brush. 116,272; Aug. 22.
McKeesport Tin Plate Corporation. (See Engstrom, Everett E., assignor.)
McKellar, John D., San Luis Obispo, Calif. Airplane. 116,206; Aug. 15.
McKinney, Sidney R., Oklahoma City, Okla. Counter scale. 114,374; Apr. 18.
McLaughlin, Charles, Garden City, N. Y., assignor to Tilton & Cook Co., Leominster, Mass. Bag frame. 115,361; June 20.
McLaughlin, Charles, Garden City, N. Y., assignor to Tilton & Cook Co., Leominster, Mass. Bag frame. 115,461; June 27.
McPhee, Clement S., Cranston, assignor to Everett and Barron Company, Providence, R. I. Cleaning brush. 112,815; Jan. 3.
McQuay, Inc. (See Lessman, Edward J., assignor.)
McQuay, Inc. (See Wilson, Donald P., assignor.)
McShane, Arthur T., and H. E. Tyler, Columbus, Ohio. Telephone lamp or similar article. 115,213; June 13.
Mechanical Man, Inc. (See Dale, Frank L., assignor.)
Medoff, William, Brooklyn, assignor to National Cellulose Corporation, New York, N. Y. Carton. 112,844; Jan. 3.
Meeker, David A., Troy, Ohio, and E. H. Arens, New York, N. Y., assignors to The Hobart Manufacturing Company, Troy, Ohio. Food mixing apparatus. 116,747; Sept. 19.
Meeker, David A., Troy, and K. C. Allen, Dayton, assignors to The Hobart Manufacturing Company, Troy, Ohio. Scale. 117,190; Oct. 17.
Megibow, George, New York, N. Y. Textile fabric. 114,820; May 16.
Megibow, George, New York, N. Y. Textile fabric. 115,808; July 18.
Mehl, Lucy, Long Island City, N. Y. Beauty mask. 113,429; Feb. 21.
Mehlman, Joseph, Los Angeles, Calif. Safety paper. 115,692; July 11.
Meier, Albert J., Kirkwood, Mo. Name finder. 114,090; Apr. 4.
Meisel, Charles C., Chicago, Ill. Plaque or the like. 116,468; Sept. 5.
Meisel, Samuel, New York, N. Y. Medallion or the like. 113,975; Mar. 28.
Meisler, Henry, New York, N. Y. Dress. 115,094; May 30.
Meisler, Henry, New York, N. Y. Dress. 115,095; May 30.
Meisler, Henry, New York, N. Y. Dress. 115,267; June 13.
Meitner, Kurt, Shaker Heights, Ohio, assignor to Sun Radiator Cover Company, Inc. Chair or similar article. 113,144; Jan. 31.
Mena, Luis A. B., Santurce, P. R. Game board. 112,886; Jan. 10.
Mendelsohn, Lewis H., Paterson, N. J. Stocking. 114,294; Apr. 11.
Mendle, Milton D., Clayton, assignor to American Fixture & Showcase Manufacturing Company, St. Louis, Mo. Clothesrack. 113,517; Feb. 28.
Menger, Edward W., San Antonio, Tex. Door stop. 114,639; May 9.
Menger, Evelyn L., Ardmore, Pa. Doll. 117,593; Nov. 14.
Menken, Gretchen v. B., New York, N. Y. Combined doll and vanity bag or similar article. 114,404; Apr. 18.
Mentzer, Charles R. (See Hollengreen, M. A., and Mentzer.)
Menzer, George L., Union City, N. J. Embroidered lace or similar article. 112,850; Jan. 3.
Menzer, George L., Union City, N. J. Embroidered lace or similar article. 112,851; Jan. 3.
Menzer, George L., Union City, N. J. Embroidered lace or similar article. 112,852; Jan. 3.
Mercer, Fay G., assignor of two-thirds to N. T. Roberts, Phoenix, Ariz. Display stand. 113,637; Mar. 7.
Mergott, J. E., Company, The. (See Green, Jack, assignor.)
Merillat, Harold E., Ottawa Hills, assignor to Willys-Overland Motors, Inc., Toledo, Ohio. Automobile. 114,029; Mar. 28.
Merrill, Hamilton, Bridgeport, Conn., assignor to Manning, Maxwell & Moore, Incorporated. New York, N. Y. Valve or similar article. 118,051; Dec. 12.
Mershon, Isaac, Brooklyn, N. Y. Combined ashtray support and container for cigarettes or like articles. 113,754; Mar. 14.
Metal Arts Company. (See Heberger, Linus F., assignor.)
Metalfield Incorporated. (See Dearling, Harry, assignor.)
Metro Premium Company. (See Kent, Elizabeth S.)
Metzger, Morris D., New York, N. Y. Coat. 116,044; Aug. 8.
Mey, Marcel, New York, N. Y. Textile fabric. 117,453; Nov. 7.
Mey, Marcel, New York, N. Y. Textile fabric. 117,754; Nov. 21.
Meyer, Albert C., Glenshaw, Pa. Glass bottle. 113,872; Mar. 21.
Meyer, Albert C., assignor to Glenshaw Glass Company, Glenshaw, Pa. Bottle. 114,763; May 16.
Meyer, Albert C., assignor to Glenshaw Glass Company, Glenshaw, Pa. Glass bottle. 117,980; Dec. 5.
Meyer, Emile, New York, N. Y. Textile fabric. 117,835; Nov. 28.
Meyer, Frederick, Union, N. J., assignor to Art Metal Works, Inc. Shaving device. 113,518; Feb. 28.
Meyer, George T., Milwaukee, Wis. Combination desk unit. 113,519; Feb. 28.
Meyer, John F., assignor to The Exhibit Supply Company, Chicago, Ill. Vibrator. 115,793; July 18.
Meyer, John F., assignor to The Exhibit Supply Company, Chicago, Ill. Amusement machine cabinet. 116,569; Sept. 12.
Meyer, John F., assignor to The Exhibit Supply Company, Chicago, Ill. Vibrator. 117,573; Nov. 14.
Meyer, Paul A., assignor to General Motors Corporation, Detroit, Mich. Combined automobile hood and fender. 115,348; June 20.
Meyer, Walter H. (See Strand, B. F., Jr., and Meyer.)
Meyer, Walter R. (See Groene, W. F., and Meyer.)
Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Heater casing. 116,045; Aug. 8.
Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Heater. 116,046; Aug. 8.
Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Heater. 116,047; Aug. 8.
Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Actuator for warning signals. 116,540; Sept. 5.
Meyerhoefer, Carl E., Brooklyn, assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Heater. 117,124; Oct. 10.
Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Heater. 117,498; Nov. 7.
Meyerhoefer, Carl E., assignor to E. A. Laboratories, Inc., Brooklyn, N. Y. Heater. 117,499; Nov. 7.
Meyers, Edward G., Maplewood, N. J., assignor to Pacific Mills, Lawrence, Mass. Textile fabric. 113,462; Feb. 21.
Meyers, Harry, New York, N. Y. Accordion grille. 116,142; Aug. 15.
Meyers, Maley. (See Hassen, A., and Meyers.)
Michel, Julius, New York, N. Y. Handbag. 117,524; Nov. 7.
Michelson, Lawrence M., Clayton, Mo. Combined stool pedestal and foot support. 113,309; Feb. 14.
Michelson, Margaret, New York, N. Y. Dress ensemble. 113,274; Feb. 7.
Michelson, Margaret, New York, N. Y. Dress. 113,695; Mar. 7.
Michelson, Margaret, New York, N. Y. Dress. 113,873; Mar. 21.
Michelson, Margaret, New York, N. Y. Dress and slip ensemble. 114,134; Apr. 4.
Michelson, Margaret, New York, N. Y. Dress. 114,428; Apr. 18.
Michelson, Margaret, New York, N. Y. Dress. 114,429; Apr. 18.
Michelson, Margaret, New York, N. Y. Dress ensemble. 114,507; Apr. 25.
Michelson, Margaret, New York, N. Y. Dress. 114,737; May 9.
Michelson, Margaret, New York, N. Y. Dress. 117,525; Nov. 7.
Micro-Westco, Inc. (See Fuller, Park, assignor.)
Midland Wire & Metal Products. (See Zidek, John A., assignor.)
Mikesell, Pearl W., Dayton, Ohio. Cracker tray. 114,685; May 9.
Miles, John R., assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Stereo-campimeter. 115,120; June 6.
Milhening, Frank, Evanston, assignor to J. Milhening, Inc., Chicago, Ill. Ring mounting. 113,011; Jan. 24.
Milhening, Frank, Evanston, assignor to J. Milhening, Inc., Chicago, Ill. Ring mounting. 113,638; Mar. 7.
Milhening, J., Inc. (See Milhening, Frank, assignor.)
Milko Cone & Baking Co. (See Pape, Larry, assignor.)
Millar, Lauretta, Maplewood, N. J. Hat. 117,870; Nov. 28.
Miller, Carroll E., assignor to Cone Automatic Machine Company, Inc., Windsor, Vt. Lathe or similar article. 117,403; Oct. 31.
Miller Company, The. (See Beals, Gillson W., assignor.)
Miller, Donald L., Des Moines, Iowa. Bicycle handle bar brace. 113,677; Mar. 7.
Miller, George P., Dover-Foxcroft, Maine. Pair of spectacles. 116,431; Aug. 29.
Miller, George P., Dover-Foxcroft, Maine. Pair of spectacles. 116,432; Aug. 29.

Miller, Harry, and P. Marcello, New York, N. Y. Buckle or similar article. 115,719; July 11.
Miller, Harry, and P. Marcello, New York, N. Y. Buckle or similar article. 115,720; July 11.
Miller, Harry E., Ardmore, Pa. Toy or similar article. 113,170; Jan. 31.
Miller, Herchael W., Davenport, Iowa, assignor to Cribben and Sexton Company, Chicago, Ill. Stove top. 113,275; Feb. 7.
Miller, Herman. (See Green, S., and Miller.)
Miller, Jack S., Woonsocket, R. I. Illuminated anniversary calendar reminder. 117,526; Nov. 7.
Miller, John W. (See Wilmet, G., Jones, and Miller.)
Miller, Peter J., and R. C. Spooner, assignors to Evans Products Company, Detroit, Mich. Combined automobile hood and air intake grilles. 116,608; Sept. 12.
Miller, Robert A., Tarentum, Pa., assignor to Pittsburgh Plate Glass Company. Door pull. 113,169; Jan. 31.
Miller, Robert J., Chicago, Ill. Pot cover cabinet. 113,874; Mar. 21.
Miller, Walter C., assignor to Quaker Lace Company, Inc., Philadelphia, Pa. Lace table cloth. 114,151; Apr. 4.
Miller, Walter C., assignor to Quaker Lace Company, Inc., Philadelphia, Pa. Lace table cloth. 114,152; Apr. 4.
Miller, Walter C., assignor to Quaker Lace Company, Inc., Philadelphia, Pa. Lace table cloth. 114,153; Apr. 4.
Millett, John E., assignor to Sackner Bag Company, Grand Rapids, Mich. Open mesh bag. 115,233; June 13.
Mills, Donald H., assignor to Houdaille-Hershey Corporation, Detroit, Mich. Automobile fender shield or similar article. 114,341; Apr. 18.
Mine Safety Appliances Company. (See Grannis, R. L., and Perrin, assignors.)
Minkoff, Edward, New York, N. Y. Coat. 113,937; Mar. 21.
Minkoff, Edward, New York, N. Y. Coat. 114,295; Apr. 11.
Minneapolis-Moline Power Implement Company. (See Albertson, V. N., and Henningsen, assignors.)
Minneapolis-Moline Power Implement Company. (See Erickson, Nels E., assignor.)
Milwaukee Brass Specialty Company. (See Kirchhan, Robert O., assignor.)
Milwaukee Saw Trimmer Corporation. (See Morrison, G. F., and Tapper, assignors.)
Minnesota Mining & Manufacturing Company. (See Reinecke, Jean O., assignor.)
Minoff, Jack, Newark, N. J. Knitted fabric. 116,451; Sept. 5.
Minoff, Jack, Newark, N. J. Knitted fabric. 118,126; Dec. 19.
Minoff, Jack, Newark, N. J. Knitted fabric. 118,216; Dec. 19.
Minoff, Jack, Newark, N. J. Knitted fabric. 118,242; Dec. 26.
Minser, William D., Everett, assignor of one-half to E. B. Schwenk, Seattle, Wash. Fishing sinker. 117,285; Oct. 24.
Mirsky, Israel, New York, N. Y. Swim suit. 113,914; Mar. 21.
Miss O'Mist Products, Inc. (See Scmidt, Louis F. and R. T., assignors.)
Mitchell Brothers, Inc. (See Goodman, Lillian, assignor.)
Mitchell, Cora M., Rock River, Wyo. Apron. 114,405; Apr. 18.
Mitchell, Lewis J., Warren, Ohio. Cream pitcher. 116,373; Aug. 29.
MixOmint Corporation. (See Street, Augustus, assignor.)
Miyaki, Shozo, Honolulu, Hawaii. Perfume bottle. 113,875; Mar. 21.
Mladinich, Thomas C., and S. Nicosia, New York, N. Y. Fur sewing machine. 118,243; Dec. 26.
Model Brassiere Corp. (See Schoebel, Henry, assignor.)
Moe-Bridges Corporation. (See Manning, Roland A., assignor.)
Moebus, Jeanne V. (See Moebus, Robert H. and J. V.)
Moebus, Robert H. and J. V., Omaha, Nebr. Bun server. 113,712; Mar. 14.
Moeller, Fred. (See Watling, William, assignor.)
Moeller, George J., assignor to Dazey Churn & Manufacturing Company, St. Louis, Mo. Nutcracker. 113,463; Feb. 21.
Mohawk Brush Company. (See Weber, Frank R., assignor.)
Moloney, Raymond T. (See Gast, George A., assignor.)
Moloney, Raymond T. (See Haggstrom, Arthur C., assignor.)
Monarch Manufacturing Works, Inc. (See Murphy, Thomas W., assignor.)
Monnot, Edward L. (See McDonald, T. M., and Monnot.)
Monnot, Edward L., assignor to The Weber Dental Manufacturing Company, Canton, Ohio. Dental unit. 114,821; May 16.
Monnot, Edward L., assignor to The Weber Dental Manufacturing Company, Canton, Ohio. Standard for a dental unit or the like. 114,822; May 16.
Monnot, Edward L., assignor to The Weber Dental Manufacturing Company, Canton, Ohio. Dental unit. 114,849; May 16.
Montanye, Carlyle N., Baltimore, Md. Calendar stand. 115,624; July 11.
Montanye, Carlyle N., Baltimore, Md. Calendar stand. 115,721; July 11.
Montesi, Fred. (See Garner, L. O., and Montesi.)
Montgomery, Frederick G., Westfield, N. J., assignor to Ekstrand Manufacturing Company, Inc., New York, N. Y. Ashtray. 115,349; June 20.
Montgomery Ward Co. (See Cashmore, Joseph M., assignor.)
Montgomery Ward & Co. (See Faber, Peter J., assignor.)
Montgomery Ward & Co. (See Swainson, Anne, assignor.)
Montgomery Ward & Co. (See Underwood, John A., assignor.)
Moore, Charlie A., assignor of one-half to J. A. Foster, Nashville, Tenn. Comb. 115,214; June 13.
Moore, Madeline, New York, N. Y. Dress ensemble. 116,433; Aug. 29.
Moore, Robert P. (See Jones, H. S., and Moore.)
Moore, Sidney A., assignor to The Prime Manufacturing Company, Milwaukee, Wis. Distribution box for electric fence installations. 114,549; May 2.
Moore, Theodore W., Riverside, Conn. Combined apple slicer and corer. 116,273; Aug. 22.
Moore, Walter B., West Lafayette, Ohio. Combined coffee maker and teapot or similar article. 114,550; May 2.
Moosherr, John, assignor to Liberty Lace and Netting Works, New York, N. Y. Lace. 113,639; Mar. 7.
Moran, Alys C., New York, N. Y., assignor to Hat Corporation of America, Norwalk, Conn. Hat. 115,897; July 25.
Morbee, Richard, Chicago, Ill. Combination field glass and case. 113,640; Mar. 7.
Moreau, Mabel, Detroit, Mich. Liquor goblet. 115,519; July 4.
Moreau, Mabel, Detroit, Mich. Liquor goblet. 115,520; July 4.
Moreau, Mabel, Detroit, Mich. Liquor goblet. 115,521; July 4.
Moreau, Mabel, Detroit, Mich. Liquor goblet. 115,522; July 4.
Morehouse, Philip I. (See Lovejoy, Arthur W., assignor.)
Morgan, Jay A., Chicago, Ill. Combined time conversion chart and indoor radio aerial. 113,931; Mar. 21.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Carafe. 112,947; Jan. 17.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Combined carafe and cup. 112,948; Jan. 17.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Cup. 112,949; Jan. 17.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Kitchen cabinet or similar article. 113,012; Jan. 24.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Combined sink and cabinet. 113,118; Jan. 31.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Combined carafe, cup, and coaster. 113,235; Feb. 7.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Heater. 113,678; Mar. 7.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Steering post shroud for a bicycle or the like. 113,713; Mar. 14.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Steering post shroud for a bicycle or the like. 113,714; Mar. 14.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Steering post shroud for a bicycle or the like. 113,715; Mar. 14.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Crank shroud for a bicycle or the like. 113,716; Mar. 14.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Chain guard for a bicycle. 113,717; Mar. 14.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Combined back guard and high closet for ranges. 113,755; Mar. 14.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Combined luggage carrier and container for a bicycle or the like. 113,785; Mar. 14.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Coaster. 114,551; May 2.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Bicycle frame. 114,552; May 2.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Bicycle frame. 114,553; May 2.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Combined bicycle frame and container. 114,554; May 2.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Container to be mounted on a bicycle. 114,555; May 2.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Combined faucet and spray fixture for sinks. 114,556; May 2.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Outboard motor for boats. 114,597; May 2.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Sink. 114,640; May 9.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Sink. 114,641; May 9.

Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Sink. 114,642; May 9.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Combined sink and cabinet. 114,643; May 9.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Sink cabinet. 114,644; May 9.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Combined sink and drain board. 114,645; May 9.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Bicycle frame. 114,716; May 9.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Bicycle frame. 114,717; May 9.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Automobile heater casing. 114,823; May 16.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Stove. 115,048; May 30.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Sink cabinet. 115,316; June 20.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Support for coal and wood range or the like. 115,563; July 4.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Motor casing. 115,575; July 4.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Portable stove. 115,822; July 18.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Sink cabinet. 116,717; Sept. 19.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Combined fender and skirt and chain guard. 117,796; Nov. 28.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Bicycle frame. 117,853; Nov. 28.
Morgan, John R., Oak Park, Ill., assignor to Sunbeam Electric Manufacturing Co., Evansville, Ind. Door handle. 117,908; Dec. 5.
Morgan, John R., Oak Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Lavatory. 118,289; Dec. 26.
Morimura Bros., Inc. (See Buma, Yukio, assignor.)
Morimura Bros., Inc. (See Kaiser, Charles, assignor.)
Morimura Bros., Inc. (See Leigh, Cyril W., assignor.)
Morley, Charles E., Detroit, Mich. Combined rear view mirror and support therefor. 117,072; Oct. 10.
Morris, Abraham H., New York, N. Y. Dinner dress pajama. 113,464; Feb. 21.
Morris, Abraham H., New York, N. Y. Evening wrap. 113,756; Mar. 14.
Morris, Elmer C., Chicago, Ill., assignor to Marathon Paper Mills Company, Rothschild, Wis. Dispenser for paper napkins. 113,757; Mar. 14.
Morris, Julia, New York, N. Y. Textile fabric. 113,393; Feb. 21.
Morrison, George F., and H. J. Tapper, assignors to Milwaukee Saw Trimmer Corporation, Milwaukee, Wis. Typographical trimming machine. 115,882; July 25.
Morrison, Willard L., Lake Forest, Ill. Direction signal for automobiles. 114,230; Apr. 11.
Morrison, Willard L., Lake Forest, Ill. Radiator grille cover for automobiles. 114,406; Apr. 18.
Morrison, Willard L., Lake Forest, Ill. Radiator grille cover for automobiles. 114,407; Apr. 18.
Morrison, Willard L., Lake Forest, Ill. Automobile. 114,408; Apr. 18.
Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Domestic water heater. 113,758; Mar. 14.
Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Door for a domestic water heater or the like. 113,993; Mar. 28.
Morrow, Clarence H., Shaker Heights, assignor to The Hotstream Heater Company, Cleveland, Ohio. Draft diverter for domestic water heaters or the like. 115,338; June 20.
Mortimer, Charles B., Lakewood, assignor to The Central Brass Manufacturing Company, Cleveland, Ohio. Combined faucet and soap holder. 117,697; Nov. 21.
Mosack, Clarence C., assignor to Consolidated Brass Company, Detroit, Mich. Pop valve. 115,693; July 11.
Moser, Paul, New York, N. Y. Food warmer or similar article. 116,748; Sept. 19.
Moss, Lawrence, New York, N. Y. Handbag. 114,983; May 23.
Mostertz, Ferdinand W., Philadelphia, Pa. Textile fabric or similar article. 117,191; Oct. 17.
Motor Products Corporation. (See Newport, Jesse H., Jr., assignor.)
Motor Wheel Corporation. (See Hunt, J H., and Horn, assignors.)
Motor Wheel Corporation. (See Kaiser, John D., assignor.)
Motor Wheel Corporation. (See Wilmet, Georges, assignor.)
Motor Wheel Corporation. (See Wilmet, G., Jones, and Miller, assignors.)
Moulthrop, Lembert H., Bridgeport, Conn. Electric soldering device. 115,625; July 11.
Moure, Ramiro, New York, N. Y. Die or the like. 113,876; Mar. 21.
Moyer, Ralph H., Detroit, Mich. Pot lifter. 114,369; Apr. 18.
Muckenhirn, Ottilie, Basle, Switzerland. Mop cloth. 115,339; June 20.
Mueller, Louis F., Buffalo, N. Y. Refreshment stand. 114,342; Apr. 18.
Muir, Gordon, Grosse Pointe Park, Mich. Traffic signal. 114,864; May 16.
Muir, Gordon, Grosse Pointe Park, Mich. Traffic signal facing. 114,865; May 16.
Muldoon, Bernard F., Mountain View, N. J. Flashlight head. 114,343; Apr. 18.
Muldoon, Bernard F., Mountain View, N. J., assignor to H. Hyman, Brooklyn, N. Y. Flashlight. 117,192; Oct. 17.
Mülhens, Paul P., Cologne, Germany. Bottle. 114,718; May 9.
Mülhens, Paul P., Cologne-on-the-Rhine, Germany. Bottle. 117,659; Nov. 14.
Muller, Johan A., Mount Gilead, Ohio, assignor to The Hydraulic Development Corp., Inc., Wilmington, Del. Press. 116,169; Aug. 15.
Müller-Munk, Peter, Pittsburgh, Pa., assignor to Prophy-lac-tic Brush Company, Northampton, Mass. Hair brush. 114,195; Apr. 11.
Müller-Munk, Peter, Pittsburgh, Pa., assignor to Prophy-lac-tic Brush Company, Northampton, Mass. Hair brush. 114,196; Apr. 11.
Müller-Munk, Peter, Pittsburgh, Pa., assignor to Prophy-lac-tic Brush Company, Northampton, Mass. Bath brush or the like. 114,197; Apr. 11.
Müller-Munk, Peter, Pittsburgh, Pa., assignor to Prophy-lac-tic Brush Company, Northampton, Mass. Bath brush or the like. 114,198; Apr. 11.
Müller-Munk, Peter, Pittsburgh, Pa., assignor to Prophy-lac-tic Brush Company, Northampton, Mass. Hair brush or the like. 114,344; Apr. 18.
Müller-Munk, Peter, Pittsburgh, Pa., assignor to Pro-phy-lac-tic Brush Company, Northampton, Mass. Hair brush. 115,967; Aug. 1.
Müller-Munk, Peter, Pittsburgh, Pa., assignor to Prophy-lac-tic Brush Company, Northampton, Mass. Hair brush or the like. 117,108; Oct. 10.
Mullett, Howard A., assignor to Bradley Washfountain Company, Milwaukee, Wis. Wash basin. 115,001; May 30.
Mullett, Howard A., assignor to Bradley Washfountain Company, Milwaukee, Wis. Mirror head for washfountains. 115,268; June 13.
Multiplex Faucet Company. (See Travis, J. M., and Jackson, assignors.)
Munk, Max M., Prince Georges County, Md., and G. E. Bockrath, Washington, D. C. Airplane. 117,419; Oct. 31.
Munschauer, George E., Buffalo, N. Y. Press frame. 113,520; Feb. 28.
Munson, Garry W., East Orange, N. J. Cushion cap for cash register control keys. 116,238; Aug. 22.
Munson, Ralph O., assignor to Standard Oil Company, Chicago, Ill. Service station building or the like. 115,936; Aug. 1.
Munson, Ralph O., assignor to Standard Oil Company, Chicago, Ill. Service station building or the like. 115,937; Aug. 1.
Munson, Ralph O., assignor to Standard Oil Company, Chicago, Ill. Service station building or the like. 115,938; Aug. 1.
Munson, Raymond, I. M. Lax, New York, and M. Silverstein, assignors to H. Rothman, Brooklyn, N. Y. Receptacle for paper tissues and the like. 115,419; June 27.
Murdock, James A., Chicago, Ill. Food grater. 117,404; Oct. 31.
Murdock, James A., Chicago, Ill. Food grater. 117,755; Nov. 21.
Murdock, James A., Chicago, Ill. Combination kitchen tool. 118,127; Dec. 19.
Mureau, Charles A. (See Eastley, Mona V., assignor.)
Murphy, Allan, et al. (See Bruner, Rea M., assignor.)
Murphy, Gerald, assignor to Mark Cross Company, New York, N. Y. Handbag or similar article. 118,076; Dec. 12.
Murphy, Roy C., assignor to Corduroy Rubber Company, Grand Rapids, Mich. Tire. 116,310; Aug. 22.
Murphy, Thomas W., Penn Valley, assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa. Oil burner pumping and control unit. 116,374; Aug. 29.
Murphy, Thomas W., Penn Valley, assignor to Monarch Manufacturing Works, Inc., Philadelphia, Pa. Oil burner pumping and control unit. 116,375; Aug. 29.
Murray, Albert H., Buffalo, N. Y. Lamp or similar article. 117,574; Nov. 14.
Murray Corporation of America, The. (See Haberstump, Alfred H., assignor.)
Murray Corporation of America, The. (See Vodoz, F. W., and Haberstump, assignors.)
Murray, Florence, Wichita, Kans. Foundation garment or similar article. 117,286; Oct. 24.
Murray, Leslie L., Beverly, Mass. Ash receiver. 113,759; Mar. 14.
Murray-Ohio Manufacturing Company, The. (See Kraeft, Herman L., assignor.)
Murray, Robert J., assignor to Kaufman Plush Company, Philadelphia, Pa. Textile fabric. 116,594; Sept. 12.
Murray, Robert J., assignor to Kaufman Plush Company, Philadelphia, Pa. Textile fabric. 116,595; Sept. 12.

Murray, Robert J., assignor to Kaufman Plush Company, Philadelphia, Pa. Textile fabric. 116,596; Sept. 12.
Murray, Robert J., assignor to Kaufman Plush Company, Philadelphia, Pa. Textile fabric. 116,609; Sept. 12.
Murray, Robert J., assignor to Kaufman Plush Company, Philadelphia, Pa. Textile fabric. 116,610; Sept. 12.
Murray, Robert J., assignor to Kaufman Plush Company, Philadelphia, Pa. Textile fabric. 116,611; Sept. 12.
Murray, Robert J., assignor to Kaufman Plush Company, Philadelphia, Pa. Textile fabric. 118,077; Dec. 12.
Murray, Robert J., assignor to Kaufman Plush Company, Philadelphia, Pa. Textile fabric. 118,078; Dec. 12.
Murray, Robert J., assignor to Kaufman Plush Company, Philadelphia, Pa. Textile fabric. 118,079; Dec. 12.
Murray, Robert J., assignor to Kaufman Plush Company, Philadelphia, Pa. Textile fabric. 118,080; Dec. 12.
Murray, Robert J., assignor to Kaufman Plush Company, Philadelphia, Pa. Textile fabric. 118,081; Dec. 12.
Murray, Robert J., assignor to Kaufman Plush Company, Philadelphia, Pa. Textile fabric. 118,082; Dec. 12.
Murray, Robert J., assignor to Kaufman Plush Company, Philadelphia, Pa. Textile fabric. 118,083; Dec. 12.
Murray, Robert J., assignor to Kaufman Plush Company, Philadelphia, Pa. Textile fabric. 118,084; Dec. 12.
Murray, Robert J., assignor to Kaufman Plush Company, Philadelphia, Pa. Textile fabric. 118,085; Dec. 12.
Murray, Robert J., assignor to Kaufman Plush Company, Philadelphia, Pa. Textile fabric. 118,086; Dec. 12.
Murray, Robert J., assignor to Kaufman Plush Company, Philadelphia, Pa. Textile fabric. 118,087; Dec. 12.
Murray, Robert J., assignor to Kaufman Plush Company, Philadelphia, Pa. Textile fabric. 118,088; Dec. 12.
Murray, Robert J., assignor to Kaufman Plush Company, Philadelphia, Pa. Textile fabric. 118,089; Dec. 12.
Murray, Robert J., assignor to Kaufman Plush Company, Philadelphia, Pa. Textile fabric. 118,090; Dec. 12.
Murray, Robert J., assignor to Kaufman Plush Company, Philadelphia, Pa. Textile fabric. 118,091; Dec. 12.
Murray, Robert J., assignor to Kaufman Plush Company, Philadelphia, Pa. Textile fabric. 118,092; Dec. 12.
Murray, Robert J., assignor to Kaufman Plush Company, Philadelphia, Pa. Textile fabric. 118,093; Dec. 12.
Musselman, John J., Watertown, N. Y. Bottle. 113,430; Feb. 21.
Mustarkes, Mildred, Newport, R. I. Bird house or the like. 117,482; Nov. 7.
Myers, Roy A., St. Paul, Minn. Disinfector. 114,598; May 2.
Myron, Joseph H., New York, N. Y. Coat. 116,884; Sept. 26.
Mystoplane Company. (See Jackson, Henry J., assignor.)
Naamlooze Vennootschap: Vereinigde Touwfabrieken. (See Hoos, Willem, assignor.)
Nachman, Jack, assignor to L. Nachman & Sons, Philadelphia, Pa. Garment trimming. 117,109; Oct. 10.
Nachman, Jack, assignor to L. Nachman & Sons, Philadelphia, Pa. Embroidered textile fabric. 117,311; Oct. 24.
Nachman, L., & Sons. (See Nachman, Jack, assignor.)
Nagel, Arthur, Cleveland Heights, Ohio. Phonograph cabinet or similar article. 118,244; Dec. 26.
Nagel-Chase Mfg. Co. (See Schultz, Edward, assignor.)
Naitove, S., & Co. (See Matarrese, Frank, assignor.)
Nakashima, Soichi, San Francisco, Calif. Paper napkin. 115,215; June 13.
Na-Mac Products Company. (See Hacmac, Edward R., assignor.)
Napier Company, The. (See Rettenmeyer, Frederick W., assignor.)
Napolillo, Angelo, Chicago, Ill. Culinary mold. 114,900 May 23.
Narrow Fabric Company, The. (See Huber, Otto E., assignor.)
Narrow Fabric Company, The. (See Kaak, Kurt, assignor.)
Nash, Daniel J., New York, N. Y. Change purse. 114,030; Mar. 28.
Nash, Una, Astoria, N. Y. Display hanger or similar article. 114,109; Apr. 4.
Nassimbene, Ernest, assignor to The Gates Rubber Company, Denver, Colo. Belt. 118,168; Dec. 19.
Nathan, Samuel, Allentown, Pa. Handbag. 116,274; Aug. 22.
Nathanson, William. (See Lorden, Edwin L., assignor.)
National Cash Register Company, The. (See Teague, Walter D. and W. D., Jr., and Herman, assignors.)
National Cellulose Corporation. (See Medoff, William, assignor.)
National Enameling & Stamping Co. (See Gardner, Emmet G., assignor.)
National Ice Advertising, Inc. (See Hust, Hurley G., assignor.)
National Pressure Cooker Company. (See Hamilton, Everett R., assignor.)
National Silver Company. (See Bernstein, Milton, assignor.)
National Silver Company. (See Eisenberg, Arthur A., assignor.)
National Silver Company. (See Schulgasser, Milton, assignor.)
National Silver Deposit Ware Co. (See Cravaritis, Andrew, assignor.)
National Telephone Supply Company, The. (See Mayer, Frank J., assignor.)
National Toddle House Corporation, The. (See Wilson, James H., assignor.)
Naubert, Anna, Chicago, Ill. Combination dress. 113,478; Feb. 21.
Naylor, William E., assignor to Fink-Roselieve Co. Inc., New York, N. Y. Audible timer or similar article. 115,626; July 11.
Naylor, William E., New York, N. Y., assignor to Fink-Roselieve Co. Inc., New York, N. Y. Photographic tong or similar article. 117,454; Nov. 7.
Neas, William L., Greeneville, Tenn. Game board. 117,405; Oct. 31.
Neely, Raymond J., Little Falls, N. Y., asignor to Cherry-Burrell Corporation, Chicago, Ill. Liquid filter. 113,679; Mar. 7.
Negbaur, Harry, assignor to Guth Stern & Co., Inc., New York, N. Y. Cigarette dispenser. 113,431; Feb. 21.
Nehi Corporation. (See D'Addario, Thomas D., assignor.)
Nelson, Chester I., Davenport, Iowa. Shovel. 115,159; June 6.
Nelson, John B., assignor to Eastman Kodak Company, Rochester, N. Y. Camera. 117,575; Nov. 14.
Nelson, Marguerite, Kansas City, Mo. Grater holder. 117,381; Oct. 31.
Nelson, Nels A., Frankfort, Mich. Lamp. 113,276; Feb. 7.
Nenninger, Lester F. (See Blood, L. H., and Nenninger.)
Neo-Lite Corporation. (See Diamond, Leon W., assignor.)
Nesbitt, Charles H., Jr., Birmingham, Ala. Flatiron rest. 116,718; Sept. 19.
Nesbitt Fruit Products, Inc. (See Latchford, William J., Jr., assignor.)
Nestle-Lemur Company, The. (See Arens, Egmont, assignor.)
Neu, George H., Buffalo, N. Y. Lighting fixture. 117,073; Oct. 10.
New Era Optical Company. (See Simon, Raymond, assignor.)
New Haven Vibrator Company, The. (See Pickop, George B., assignor.)
New Jersey State Funeral Directors Association, Inc. (See Benners, Walter S., assignor.)
Newman, Alexander I., assignor to Precision Scientific Company, Chicago, Ill. Combined digesting and distilling apparatus. 117,406; Oct. 31.
Newman, Alexander I., assignor to Precision Scientific Company, Chicago, Ill. Water bath. 117,720; Nov. 21.
Newman, Alexander I., assignor to Percision Scientific Company, Chicago, Ill. Water still. 117,756; Nov. 21.
Newman, Alexander I., Chicago, and W. Van Guilder, River Forest, assignors to Precision Scientific Company, Chicago, Ill. Viscosimeter. 117,193; Oct. 17.
Newman, Carl A., Rochester, N. Y. Electric dental implement. 113,432; Feb. 21.
Newman, Louis, New York, N. Y. Coat. 115,077; May 30.
Newman, Louis, New York, N. Y. Coat. 115,078; May 30.
Newman, Louis, New York, N. Y. Woven textile fabric. 115,375; June 20.
Newman, Louis, New York, N. Y. Coat. 115,587; July 4.
Newman, Louis, New York, N. Y. Coat. 115,588; July 4.
Newman, Otto, assignor to Triumph Shoe Co., Inc., New York, N. Y. Shoe. 112,960; Jan. 17.
Newman, Thomas P. (See Andersen, L., Fredrickson, Newman, Van Sciver, and Zinkil.)
Newport, Jesse H., Jr., Birmingham, assignor to Motor Products Corporation, Detroit, Mich. Vending machine. 115,564; July 4.
Newsome, Howard P. G., Memphis, Tenn. Golf club head. 115,216; June 13.
Newsome, Howard P. G., Memphis, Tenn. Golf club head. 115,217; June 13.
Newton, Elkin Shoe Company. (See Levin, David, assignor.)
New York Central Railroad Company, The. (See Dreyfuss, Henry, assignor.)
New York Progressive Wood Heel Corporation. (See Schwartz, Walter, assignor.)
Nichols, Alvin W., Camden, N. J. Smoking stand or the like. 113,521; Feb. 28.
Nichols, Wallace H. (See Rand, H. J., and Nichols.)
Nicholson, Albert H., assignor to The Federal Glass Company, Columbus, Ohio. Glass jug or article of similar nature. 118,309; Dec. 26.
Nicholson, Celtic, assignor to Haldie Nicholson Co., Leominster, Mass. Ferrule. 113,236; Feb. 7.
Nicholson, Haldie, Co. (See Nicholson, Celtic, assignor.)
Nicosia, Michael, Brooklyn, N. Y. Tooth pick dispenser. 118,290; Dec. 26.
Nicosia, Salvatore. (See Mladinich, T. C., and Nicosia.)
Nieberg, Henry, New York, N. Y. Sports jacket. 116,885; Sept. 26.
Niedzinski, Adam, Nutley, N. J. Top. 117,797; Nov. 28.
Nielander, Roy, San Antonio, Tex. Selective counter box for automatic phonographs. 116,541; Sept. 5.
Nielsen, Peter, assignor to Jubilee Manufacturing Company, Omaha, Nebr. Audible signal unit or similar article. 112,961; Jan. 17.
Nielsen, Peter, assignor to Jubilee Manufacturing Company, Omaha, Nebr. Audible signal unit or similar article. 113,046; Jan. 24.

Nielsen, Peter, assignor to Jubilee Manufacturing Company, Omaha, Nebr. Sound-projector for automobile horns or the like. 114,960; May 23.
Nielsen, Peter, assignor to Jubilee Manufacturing Company, Omaha, Nebr. Audible signal unit or similar article. 115,002; May 30.
Nielson, Maurine, New York, N. Y. Hat or similar article. 115,234; June 13.
Niemann, Frederick A., and A. L. Mell, assignors to Felt & Tarrant Manufacturing Co., Chicago, Ill. Calculating machine. 113,817; Mar. 14.
Nierenberg, Albert, New York, assignor to Etched Products Corporation, Long Island City, N. Y. Bookmark. 114,521; Apr. 25.
Niles, Floyd L., Oneida, N. Y. Cylinder-head puller. 114,901; May 23.
Nisenson, Jules, assignor to Unit Venetian Blind Supply Co., New York, N. Y. Tilter for Venetian blinds or similar article. 113,897; Mar. 21.
Nisenson, Jules, assignor to Unit Venetian Blind Supply Co., New York, N. Y. Venetian blind cord lock or similar article. 113,898; Mar. 21.
Nitardy, Ferdinand W., Brooklyn, assignor to E. R. Squibb & Sons, New York, N. Y. Bottle. 114,557; May 2.
Noble, F. H., & Co. (See Allen, Jack G., assignor.)
Noble, Olbert C., assignor to Tygart Valley Glass Company, Washington, Pa. Jar. 112,783; Jan. 3.
Noble, Olbert C., assignor to Tygart Valley Glass Company, Washington, Pa. Jar. 114,665; May 9.
Noble, Olber C., assignor to Tygart Valley Glass Company, Washington, Pa. Jar. 116,048; Aug. 8.
Nock, Harold E., assignor to Towle Manufacturing Company, Newburyport, Mass. Spoon or analogous article. 113,479; Feb. 21.
Nock, Harold E., assignor to Towle Manufacturing Company, Newburyport, Mass. Fork or analogous article. 115,627; July 11.
Nock, Harold E., assignor to Towle Manufacturing Company, Newburyport, Mass. Spoon or analogous article. 116,597; Sept. 12.
Nomsen, Ralph P. (See Perry, B. J., and Nomsen.)
Nordland, Alfred E. (See Gerardy, F. C., and Nordland.)
Norman, Benjamin, New York, N. Y. Pillow covering or similar article. 118,265; Dec. 26.
Norman, George D., assignor to Hoosier Desk Company, Jasper, Ind. Desk. 114,764; May 16.
North and Judd Manufacturing Company. (See Freysinger, John B., assignor.)
North, Mary A., New York, N. Y., assignor to Celluloid Corporation. Combination comb holder and brush. 114,558; May 2.
Northam Warren Corporation. (See Brekke, Marshall T., assignor.)
Northampton Textile Company. (See Leonhardt, Edna F., assignor.)
Norton Lazier Company. (See Schmidt, Louis F., assignor.)
Norton, Roy M., assignor to Safway Steel Scaffolds Co. of Wisconsin, Wauwatosa, Wis. Scaffold end frame. 114,902; May 23.
Noth, Dorothy-Ann M., Grosse Pointe Farms, Mich. Measuring device. 116,049; Aug. 8.
Novak, Syd, Chicago, Ill. Dress ensemble. 116,124; Aug. 8.
Novak, Syd, Chicago, Ill. Dress ensemble. 117,016; Oct. 3.
Novak, Syd, Chicago, Ill. Dress ensemble. 117,125; Oct. 10.
Novak, Syd, Chicago, Ill. Dress ensemble. 117,320; Oct. 24.
Novak, Syd, Chicago, Ill. Dress. 117,527; Nov. 7.
Novick, Daniel, Chicago, Ill. Dress. 114,496; Apr. 25.
Novick, Daniel, Chicago, Ill. Dress. 115,269; June 13.
Novotny, Joseph, assignor to S. F. Bowser & Company, Incorporated, Fort Wayne, Ind. Dry cleaning machine cabinet. 117,957; Dec. 5.
Noy, Annie W., Brooklyn, N. Y., assignor to Bates Manufacturing Company, Lewiston, Maine. Textile fabric. 115,170; June 6.
Nudell, Arthur A., Chicago, Ill. Decorative wall plaque or analogous article. 118,052; Dec. 12.
Nudell, Arthur A., Chicago, Ill. Display stand for perfume or the like. 118,128; Dec. 19.
Nurre Companies, The. (See Silverman, Sebet, assignor.)
Oakley, Ernest L. (See Joyce, G. L., and Oakley.)
Obergfell, Herbert F., River Forest, assignor to Associated Electric Laboratories, Inc., Chicago, Ill. Telephone desk stand. 117,876; Nov. 28.
O'Brien, George R., assignor of one-half to C. De Frehn, Superior, Wis. Hand gaff. 115,764; July 18.
Obstfeld, Abraham. (See Fancher, J., assignor, and Obstfeld.)
Obstfeld, Lou. (See Francher, J., and Obstfeld.)
Obstfeld, Lou, New York, N. Y., and J. Fancher, Chatham, N. J. Combination stapling machine and tacker. 117,110; Oct. 10.
Ochs, Frederick W., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe. 114,457; Apr. 25.
Ochs, Frederick W., Boston, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Shoe. 114,459; Apr. 25.
O'Connor, John B., assignor to Lyon Metal Products, Incorporated, Aurora, Ill. Chair seat. 114,903; May 23.
O'Day, Cortland N., Port Washington, N. Y., assignor to Barber-Colman Company, Rockford, Ill. Air distribution outlet. 113,047; Jan. 24.
Odisco Corporation. (See Pressey, William L., assignor.)
O'Donnell, Charles E., Lynn, Mass. Boot. 115,565; July 4.
Odzer, Harry, New York, N. Y. Textile fabric. 118,166; Dec. 19.
O'Gorman, Mae, and M. E., Los Angeles, Calif. Undergarment. 115,986; Aug. 1.
O'Gorman, Maud E. (See O'Gorman, Mae and M. E.)
Ohio Leather Company, The. (See Becker, F. H., and Peabody, assignors.)
Ohlsson, Irwin G., Los Angeles, and H. T. Rice, San Gabriel, Calif. Miniature airplane engine. 116,981; Oct. 3.
Ohrenschall, Fred E., Baltimore, Md. Perfume demonstrating fountain. 113,465; Feb. 21.
Oil Tool Corporation, The. (See Smith, Milton H., assignor.)
Oker, Arne J., assignor to American Optical Company, Southbridge, Mass. Mirror. 115,121; June 6.
Olden, Harry L., assignor to The Cincinnati Sheet Metal & Roofing Company, Cincinnati, Ohio. Roofing sheet. 115,628; July 11.
Olds, Ambrose D., assignor to The Coleman Lamp and Stove Company, Wichita, Kans. Lamp. 115,505; July 4.
Olean Glass Company. (See Smith, George, Jr., assignor.)
Olds, Ambrose D., assignor to Coleman Lamp & Stove Company, Wichita, Kans. Heating stove. 114,961; May 23.
O'Leary, John A., Hollywood, Calif. Massage glove. 115,171; June 6.
Oliver, Theodore, Detroit, Mich. Douche-bench. 117,735; Nov. 21.
Olley, Raymond H., assignor to Crouse-Hinds Company, Syracuse, N. Y. Enclosed housing for electrical apparatus. 115,709; July 11.
Olson, Charles A., Geneva, assignor to Crane Co., Chicago, Ill. Handwheel. 115,235; June 13.
Olson, Charles A., Geneva, assignor to Crane Co., of Chicago, Ill. Handwheel. 115,566; July 4.
Olympia Büromaschinenwerke A. G. (See Krüger, Johannes, assignor.)
O'Meara, Allan K., New York, N. Y. Utility cabinet. 117,194; Oct. 17.
Oneida Ltd. (See Allen, G. N., and Fleming, assignors.)
Oneida Ltd. (See Allen, G. N., Fleming, and Ressegger, assignors.)
Oneida Ltd. (See Allen, G. N., and Gerth, assignors.)
Oneida Ltd. (See Allen, G. N., and L'Anglais, assignors.)
Oneida Ltd. (See Allen, G. N., and Ressegger, assignors.)
Oneida Ltd. (See Bedford, E. B., and l'Anglais, assignors.)
O'Neill, John D., and A. H. Sullivan, St. Louis, Mo., assignors of one-third to G. A. Halfin, St. Louis, Mo., and two-thirds to said Sullivan. Yarn reel. 114,031; Mar. 28.
Onondaga Pottery Company. (See Bourne, Douglas, assignor.)
Onondaga Pottery Company. (See Koch, Augustus J., assignor.)
Onondaga Pottery Company. (See Wigley, John T., assignor.)
Opp, John, New Philadelphia, Ohio. Clothes sprinkler. 113,680; Mar. 7.
Oppenheim, Albert, Milford, assignor to The Connecticut Web & Buckle Company, Bridgeport, Conn. Rotary back for suspenders. 114,646; May 9.
Oppenheimer, Adolph, New York, N. Y. Coat. 114,904; May 23.
Oppenheimer, Adolph, New York, N. Y. Suit. 115,122; June 6.
Oppermann, Charles T., Detroit, Mich. Anvil. 113,237; Feb. 7.
Oppermann, Charles T., Detroit, Mich. Solder gun. 113,277; Feb. 7.
Oppermann, Charles T., Detroit, Mich. Anvil. 113,760; Mar. 14.
Orange Crush Company. (See Bost, William D., assignor.)
Orenstein Trunk Corporation. (See Balin, Samuel, assignor.)
Orian, John W., New York, N. Y. Finger ring or the like. 115,506; July 4.
Orlik, Hedwig, New York, N. Y. Combined bottle and stopper therefor. 114,458; Apr. 25.
Orth, Richard, assignor to Gill Glass & Fixture Company, Philadelphia, Pa. Torchiere shade. 115,658; July 11.
Ortner, Joseph, Newark, N. J. Suitcase or the like. 114,962; May 23.
Ortwig, William F., Benton Harbor, Mich. Wall shelf. 115,629; July 11.
Osborn, Charles L., Chicago, Ill. Combined earmuff display and stand therefor. 115,765; July 18.
Osbrink, Raymond H., Los Angeles, Calif. Zone marker. 113,522; Feb. 28.
Osbrink, Raymond H., Los Angeles, Calif. Lane marker. 115,236; June 13.
Osius, Adolph P., Detroit, Mich. Vegetable cutter. 116,749; Sept. 19.
Ostby and Barton Company. (See Kaufman, Solomon, assignor.)
Oster Manufacturing Company, The. (See Emery, W. M., and Gould, assignors.)

Oster Manufacturing Company, The. (See Gould, Arthur S., assignor.)
Ostermoor & Company. (See Krupka, Samuel G., assignor.)
Ostrander, Hiram H., Norris, Tenn. Crane bridge or similar article. 116,376; Aug. 29.
Ostrander, Hiram H., Norris, Tenn. Crane bridge or similar article. 116,377; Aug. 29.
Otis, George D., New York, N. Y. Combination drain and cutting block. 114,231; Apr. 11.
Otis, George D., New York, N. Y. Combination drain and cutting block. 114,232; Apr. 11.
Ottenheimer, Reuben E., Baltimore, Md. Display case. 116,480; Sept. 5.
Otter, Judson R., Piedmont, W. Va. Memo-apparatus for automobiles. 118,167; Dec. 19.
Otto, Ferdinand P., assignor to Quaker Lace Company, Inc., Philadelphia, Pa. Lace table cloth. 114,154; Apr. 4.
Otto, Ferdinand P., assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 114,508; Apr. 25.
Otto, Ferdinand P., assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 114,509; Apr. 25.
Otto, Ferdinand P., assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 114,510; Apr. 25.
Otto, Ferdinand P., assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace table cloth. 116,719; Sept. 19.
Otto, Ferdinand P., assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace table cloth. 116,720; Sept. 19.
Otto, Ferdinand P., assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace table cloth. 116,721; Sept. 19.
Otto, Ferdinand P., assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace table cloth. 116,722; Sept. 19.
Ouellette, Paul J., Pasadena, Calif. Citrus fruit peeler. 116,192; Aug. 15.
Owens-Illinois Can Company. (See Garten, William, assignor.)
Owens-Illinois Glass Company. (See Fuerst, Brooks D., assignor.)
Owens-Illinois Glass Company. (See Fuerst, B. D., assignor, and Lorenzen.)
Owens-Illinois Glass Company. (See Fuerst, Edwin W., assignor.)
Owens-Illinois Glass Company. (See Lockart, Edward P., assignor.)
Owens-Illinois Glass Company. (See Lorenzen, Arnold L., assignor.)
Owens-Illinois Glass Company. (See Sutter, John H., assignor.)
Owens Staple-Tied Brush Company, The. (See Jobst, Conrad, assignor.)
Owings, Nathaniel A., Chicago, Ill., assignor to Stefco Steel Company, Michigan City, Ind. Building. 115,003; May 30.
Owings, Nathaniel A., Chicago, Ill., assignor to Stefco Steel Company, Michigan City, Ind. Building. 115,507; July 4.
Ox Fibre Brush Company. (See Paisley, Ray A., assignor.)
Ox Fibre Brush Company. (See Partridge, Melvin H., assignor.)
Oxweld Acetylene Company. (See Carnes, Herman W., assignor.)
Oxweld Acetylene Company. (See Scott, Marvin R., assignor.)
Oya, John A., Honolulu, Hawaii. Bottle or similar container. 112,784; Jan. 3.
Oya, John A., Honolulu, Hawaii. Bottle or similar container. 112,785; Jan. 3.
Oya, John A., Honolulu, Hawaii. Flacon. 116,570; Sept. 12.
Oya, John A., Honolulu, Hawaii. Flacon. 116,571; Sept. 12.
Oya, John A., Honolulu, Hawaii. Flacon. 116,572; Sept. 12.
Oya, John A., Honolulu, Hawaii. Flacon. 116,573; Sept. 12.
Oya, John A., Honolulu, Hawaii. Flacon. 116,963; Oct. 3.
Pacific Mills. (See Kojetinsky, Anna, assignor.)
Pacific Mills. (See Meyers, Edward G., assignor.)
Packard Motor Car Company. (See Wilson, John D., assignor.)
Packer, Charles S., assignor to Justrite Manufacturing Company, Chicago, Ill. Miner's lamp. 115,123; June 6.
Packwood, George H., Jr., St. Louis, Mo. Dispenser for powdered soap or the like. 115,218; June 13.
Packwood, George H., Jr., St. Louis, Mo. Dispenser for powdered soap or the like. 115,219; June 13.
Paisley, Ray A., Frederick, Md., assignor to Ox Fibre Brush Company, Inc., New York, N. Y. Combined clothes brush and shoehorn. 113,433; Feb. 21.
Pajeau, Charles H., assignor to The Toy Tinkers, Inc., Evanston, Ill. Wheeled toy figure. 113,540; Feb. 28.
Pajeau, Charles H., assignor to The Toy Tinkers, Inc., Evanston, Ill. Wheeled toy figure . 113,541; Feb. 28.
Pakula, Harry S., Chicago, Ill. Merchandise display rack. 115,292; June 20.
Paley, Samuel T., New York, N. Y. Textile fabric. 114,719; May 9.
Palko, Charles, assignor to S. Buchsbaum & Co., Chicago, Ill. Belt buckle. 117,111; Oct. 10.
Palmer Brothers Company, The. (See Foggett, Ruth S., assignor.)
Palmigiano, Anthony, Jr., Brooklyn, N. Y. Display bag. 114,765; May 16.
Pancoast, William G., Winnetka, Ill. Pouring top for containers or similar articles. 115,420; June 27.
Panther-Panco Rubber Co. Inc. (See Bernstein, Maurice J., assignor.)
Panzer, William C., assignor to Russakor Can Company, Chicago, Ill. Smoker's ashtray or similar article. 118,310; Dec. 26.
Pape, Larry, assignor to Milko Cone & Baking Co., Inc., Chicago, Ill. Ice cream cone. 116,723; Sept. 19.
Paramount Display Company. (See Harris, Murray, assignor.)
Parfrey, William J., assignor to Spill Manufacturing Co., Inc., East Rutherford, N. J. Sunglasses or similar article. 113,013; Jan. 24.
Parfums Schiaparelli, Inc. (See Loewy, Raymond, assignor.)
Paris, Benjamin, Wellington, New Zealand. Bottle. 117,305; Oct. 24.
Park, Malcolm S., Mount Kisco, N. Y., assignor to The Singer Manufacturing Company, Elizabeth, N. J. Electric fan or similar article. 115,448; June 27.
Parke, Davis & Company. (See Schutz, Thomas A., assignor.)
Parker, Charles, Company, The. (See Connors, James J., assignor.)
Parker, Eugene, Los Angeles, Calif. Tile. 117,287; Oct. 24.
Parker, Eugene, Los Angeles, Calif. Tile. 117,288; Oct. 24.
Parker, Harold B., Pratt, Kans. Housing for an air conditioning expansion coil and fan. 114,666; May 9.
Parker, Kenneth S., and M. S. Baker, Janesville, Wis. Fountain pen. 116,097; Aug. 8.
Parker, Kenneth S., and M. S. Baker, Janesville, Wis. Fountain pen barrel. 116,098; Aug. 8.
Parker, Ovid S., South Gate, assignor to De La Salle Institute, doing business as Christian Brothers, Napa, Calif. Bottle. 117,382; Oct. 31.
Parker, Ovid S., South Gate, assignor to Cameo Vinyards Company, Fresno, Calif. Bottle. 117,500; Nov. 7.
Parker Pen Company, The. (See Matthay, Frank W., assignor.)
Parker Pen Company, The. (See Tefft, I. D., Christenson, and Hoople, assignors.)
Parker, William M., Sr., Granite City, Ill. Casket illuminating lamp. 117,483; Nov. 7.
Parks, Fred B., Grand Rapids, Mich. Wall tie or the like. 115,253; June 13.
Parks, Rollin R., assignor to Kwik Mix Concrete Mixer Company, Port Washington, Wis. Concrete mixer. 113,365; Feb. 14.
Parnis, Jerry, New York, N. Y. Dress. 113,915; Mar. 21.
Parr, George T., Minneapolis, Minn., assignor to Holiday Corporation, Minneapolis, Minn. Confection. 117,455; Nov. 7.
Parr, George T., Minneapolis, Minn., assignor to Holiday Corporation, Minneapolis, Minn. Confection. 117,456; Nov. 7.
Parsons, Edward T., Upper Montclair, assignor to Thomson Machine Company, Belleville, N. J. Feed hopper for dough molding machines. 116,625; Sept. 12.
Parsons, William L., Jr., Omaha, Nebr. Display trailer. 113,681; Mar. 7.
Partridge, Melvin H., New Rochelle, assignor to Ox Fibre Brush Company, Inc., New York, N. Y. Dauber. 115,317; June 20.
Paschell, Anthon H., Cherokee, Iowa. Merchandise display rack. 115,124; June 6.
Pascucci, Emilio, assignor to Corning Glass Works, Corning, N. Y. Fresnel lens or similar article. 117,934; Dec. 5.
Pass & Seymour, Inc. (See Brooks, John W., assignor.)
Pass & Seymour, Inc. (See Poor, Alfred E., assignor.)
Passin, Sidney, New York, N. Y. Lady's coat. 116,750; Sept. 19.
Pasta, Tito, Los Angeles, Calif. Jar. 113,119; Jan. 31.
Patent Button Company, The. (See Carley, Leonard R., assignor.)
Patent Button Company, The. (See Scott, Alexander A., Jr., assignor.)
Pater, Ray C., assignor to The Lockwood Manufacturing Company, Cincinnati, Ohio. Baking pan. 113,761; Mar. 14.
Pater, Ray C., assignor to The Lockwood Manufacturing Company, Cincinnati, Ohio. Baking pan. 114,766; May 16.
Paton, John G., Company. (See Jensen, Gustav, assignor.)
Patten, Ray, Wilton, Conn., assignor to Dictaphone Corporation, New York, N. Y. Control device for phonographs. 114,123; Apr. 4.
Patten, Ray, Wilton, Conn., and L. S. Briggs, assignors to Dictaphone Corporation, New York, N. Y. Phonograph cabinet or similar article. 114,384; Apr. 18.
Patzer, William, and W. A. Tratsch, Chicago, Ill. Coin and slug detector. 115,125; June 6.

Patzer, William, and W. A. Tratsch, Chicago, Ill. Coin and slug detector. 116,143; Aug. 15.
Paul, René, Lyon, France. Irrigating apparatus for the hardening of the bosoms. 116,829; Sept. 26.
Pauly, Nicholas J., Dubuque, Iowa. Baseball schedule card. 116,239; Aug. 22.
Pauzat, Charles E., assignor to Cohn & Rosenberger, Inc., New York, N. Y. Brooch or similar article. 118,129; Dec. 19.
Pauzat, Charles E., assignor to Cohn & Rosenberger, Inc., New York, N. Y. Brooch or similar article. 118,130; Dec. 19.
Pavelka, Joseph. (See Pavelka, Joseph, Jr., assignor.)
Pavelka, Joseph. (See Pavelka, J., Jr., and Cornejo, assignors.)
Pavelka, Joseph, Jr., assignor to J. Pavelka, St. Louis, Mo. Casing for a toasting machine. 113,308; Feb. 14.
Pavelka, Joseph, Jr., and V. Cornejo, assignors to J. Pavelka, St. Louis, Mo. Casing for a bread toaster. 115,630; July 11.
Payne, Clyde S., Jr. (See Welch, F. S., and White, assignors.)
Payne, Theodore, 4th, West Allenhurst, N. J. Photographic birthstone bracelet. 114,963; May 23.
Peabody, Lester F. (See Becker, F. H., and Peabody.)
Pealer, Robert B., assignor to Beaver Pipe Tools Inc., Warren, Ohio. Electric power drive unit for use with hand cutting tools. 114,720; May 9.
Pealer, Robert B., assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Power drive unit for use with hand cutting tools. 115,318; June 20.
Pealer, Robert B., Parkman, assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Die stock. 117,798; Nov. 28.
Pealer, Robert B., Parkman, assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Die stock. 117,799; Nov. 28.
Pealer, Robert B., Parkman, assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Electric power drive unit for use with hand cutting tools. 117,981; Dec. 5.
Pearson-Page-Jewsbury Co. Limited. (See Hill, Sydney E., assignor.)
Pearson, Susan C., New York, N. Y. Bath mitt. 113,093; Jan. 24.
Peck, Lee H., Chagrin Falls, assignor to Porcelain Products, Inc., Findlay, Ohio. Electrical wiring box or similar article. 115,726; July 11.
Peck & Peck. (See Kuehn, Walda, assignor.)
Peck, William F., Kenmore, N. Y., assignor to American Optical Company, Southbridge, Mass. Ophthalmic instrument. 114,487; Apr. 25.
Pecker, Albert, Brooklyn, N. Y. Hat. 112,897; Jan. 10.
Pecora, James C., West Hazleton, Pa. Ice cream cone. 113,171; Jan. 31.
Peerless Chain Company. (See Bambenek, J. B., and Worner, assignors.)
Peerless Manufacturing Corporation. (See Clark, Verdrie F., assignor.)
Pellegrin, Elmer D., Woodstock, and A. L. Welham, assignors to St. Charles Manufacturing Co., St. Charles, Ill. Kitchen cabinet base unit. 116,574; Sept. 12.
Penker, Ernest. (See Ignall, T. J., and Penker.)
Pennino, Oreste, New York, N. Y. Pin or similar article. 114,905; May 23.
Perault, Joseph A., Brooklyn, N. Y. Footwear insole. 117,383; Oct. 31.
Percell, William, assignor of one-half to M. A. Marschner, Willow Grove, Pa. Stocking. 117,871; Nov. 28.
Perell, Margaret, New York, N. Y. Blouse. 113,682; Mar. 7.
Perfection Steel Body Company, The. (See Cobey, Ralph, assignor.)
Perfection Stove Company. (See Adams, Wilbur H., assignor.)
Perfection Stove Company. (See Dahlstrom, John A., assignor.)
Perfection Stove Company. (See Kessler, Charles J., assignor.)
Perfex Corporation. (See Stevens, Clifford B., assignor.)
Perlberg, Fred, New York, N. Y. Dress ensemble. 117,877; Nov. 28.
Perlberg, Fred, New York, N. Y. Dress. 118,094; Dec. 12.
Perlmutter, Henry A., New York, N. Y. Lamp base. 117,484; Nov. 7.
Perlmutter, Isidore, New York, N. Y. Display container. 117,289; Oct. 24.
Perper, Elfie N., New York, N. Y. Dress ensemble. 118,101; Dec. 12.
Perrigo, L., Company. (See Smith, Thomas F., assignor.)
Perrin, Paul C. (See Grannis, R. L., and Perrin.)
Perrin, Paul C., Pittsburgh, Pa., assignor to The Hotstream Heater Company, Cleveland, Ohio. Front for a wall heater. 115,172; June 6.
Perry, Bernard J., and R. P. Nomsen, Sioux City, Iowa. Bicycle lamp or similar article. 115,508; July 4.
Perry, John H., Harrow, England, assignor to Colclough China Ltd. Teapot or similar article. 114,233; Apr. 11.
Perry, John H., Harrow, England, assignor to Colclough China Ltd. Ornamentation transfer sheet for chinaware or the like. 114,979; May 23.
Persons, Lawrence M., St. Louis County, Mo. Dispensing machine cabinet. 113,899; Mar. 21.
Perugia, Andre, Paris, France. Shoe or similar article. 113,877; Mar. 21.
Perullo, John, New York, N. Y. Dress. 113,187; Jan. 31.
Pesola, Niilo, Brooklyn, N. Y. Automobile. 113,466; Feb. 21.
Pestyner, Philip, New York, N. Y. Tie rack. 112,962; Jan. 17.
Petau, Erik. (See Deli, F. C., and Petau.)
Petau, Erik. (See Deli, F. C. Petau, and Tammen.)
Peters, Edward F. (See Caldwell, W. B., and Peters.)
Peters, George E., and L. E. Russell, Springfield, Ohio. Horn operating device for an automobile steering wheel. 113,014; Jan. 24.
Peters and Russell, Inc. (See Russell, Linus E., assignor.)
Petersen, Bennett L., St. Paul, and D. J. Hafften, Minneapolis, Minn. Game board. 115,126; June 6.
Petersen, Edwin W., assignor to American Blower Corporation, Detroit, Mich. Combined portable air conditioner and table. 113,762; Mar. 14.
Peterson, Hubert H. (See Chase, Hamilton C., assignor.)
Peterson, Ivan V., Reedley, Calif. Clock or similar article. 115,939; Aug. 1.
Petroleum Industry Exhibition Inc., The. (See Bay, Howard, assignor.)
Petskeyes, Charles H., Davenport, Iowa, and I. C. Gellman, assignors to Gellman Manufacturing Company, Rock Island, Ill. Bread wrapping machine. 116,626; Sept. 12.
Petterson, Swan H., Clear Lake, assignor of one-half to F. Benson, Mason City, Iowa. Fence post. 117,047; Oct. 10.
Petty, Fred J., assignor to Ball Brothers Company, Muncie, Ind. Glass jar. 113,434; Feb. 21.
Petty, Fred J., assignor to Ball Brothers Company, Muncie, Ind. Glass jar. 114,686; May 9.
Petzold, William B., Pittsfield, Mass., assignor to General Electric Company. Trophy base. 115,004; May 30.
Petzold, William B., Pittsfield, Mass., assignor to General Electric Company. Trophy base. 115,005; May 30.
Petzold, William B., Pittsfield, Mass., assignor to General Electric Company. Trophy base. 115,006; May 30.
Petzold, William B., Pittsfield, Mass., assignor to General Electric Company. Container for toilet articles or the like. 115,837; July 25.
Petzold, William B., Pittsfield, Mass., assignor to General Electric Company. Combined manicure stand and containers therefor. 116,240; Aug. 22.
Pevely Dairy Company. (See Kerckhoff, Richard D., assignor.)
Pfauser, Edward M., Elm Grove, assignor to Blackhawk Mfg. Co., Milwaukee, Wis. V-Base for metal straightening equipment. 113,331; Feb. 14.
Pfeiffer, Arthur E., Worcester, Mass. Shoe. 118,020; Dec. 12.
Pfuhl, Louise, Rochelle Park, N. J. Plate or similar article. 115,350; June 20.
Pharis Tire and Rubber Company, The. (See Van Veen, George C., assignor.)
Pharo, William E., East Orange, N. J. Beach chair. 113,852; Mar. 21.
Phelps, Clyde H., Mount Vernon, N. Y., assignor to The Lantz-Phelps Corporation, Dayton, Ohio. Fuel consumption tester. 113,763; Mar. 14.
Philip, Morris, New York, N. Y. Button. 115,421; June 27.
Philippe, Alfred, New York, N. Y. Necklace. 113,938; Mar. 21.
Philippe, Alfred, New York, N. Y. Bracelet. 113,939; Mar. 21.
Philippe, Alfred, New York, N. Y. Bracelet. 113,940; Mar. 21.
Philippe, Alfred, New York, N. Y. Pin clip. 113,946; Mar. 21.
Philippe, Alfred, New York, N. Y. Clip pin. 114,135; Apr. 4.
Philippe, Alfred, New York, N. Y. Clip pin. 114,136; Apr. 4.
Philippe, Alfred, New York, N. Y. Necklace. 114,137; Apr. 4.
Philippe, Alfred, New York, N. Y. Clip pin. 114,138; Apr. 4.
Philippe, Alfred, New York, N. Y. Necklace. 114,139; Apr. 4.
Philippe, Alfred, New York, N. Y. Clip pin. 114,140; Apr. 4.
Philippe, Alfred, New York, N. Y. Necklace. 114,141; Apr. 4.
Philippe, Alfred, New York, N. Y. Clip pin. 114,234; Apr. 11.
Philippe, Alfred, New York, N. Y. Clip pin. 114,235; Apr. 11.
Philippe, Alfred, New York, N. Y. Clip pin. 114,236; Apr. 11.
Philippe, Alfred, New York, N. Y. Clip pin. 114,237; Apr. 11.
Philippe, Alfred, New York, N. Y. Clip pin. 114,238; Apr. 11.
Philippe, Alfred, New York, N. Y. Clip pin. 114,296; Apr. 11.
Philippe, Alfred, New York, N. Y. Clip pin. 114,297; Apr. 11.
Philippe, Alfred, New York, N. Y. Clip pin. 114,488; Apr. 25.
Philippe, Alfred, New York, N. Y. Clip pin. 114,489; Apr. 25.

Philippe, Alfred, New York, N. Y. Clip pin. 114,490; Apr. 25.
Philippe, Alfred, New York, N. Y. Clip pin. 114,491; Apr. 25.
Philippe, Alfred, New York, N. Y. Clip pin. 114,492; Apr. 25.
Philippe, Alfred, New York, N. Y. Clip pin. 114,493; Apr. 25.
Philippe, Alfred, New York, N. Y. Brooch or similar article. 115,127; June 6.
Philippe, Alfred, New York, N. Y. Brooch or similar article. 115,128; June 6.
Philippe, Alfred, New York, N. Y. Pin clip. 116,081; Aug. 8.
Philippe, Alfred, New York, N. Y. Pin clip. 116,082; Aug. 8.
Philippe, Alfred, New York, N. Y. Pin clip. 116,083; Aug. 8.
Philippe, Alfred, New York, N. Y. Pin clip. 116,084; Aug. 8.
Philippe, Alfred, New York, N. Y. Pin clip. 116,085; Aug. 8.
Philippe, Alfred, New York, N. Y. Pin clip. 116,086; Aug. 8.
Philippe, Alfred, New York, N. Y. Pin clip. 116,087; Aug. 8.
Philippe, Alfred, New York, N. Y. Brooch or similar article. 116,088; Aug. 8.
Philippe, Alfred, New York, N. Y. Brooch or similar article. 116,089; Aug. 8.
Philippe, Alfred, New York, N. Y. Brooch or similar article. 116,090; Aug. 8.
Philippe, Alfred, New York, N. Y. Bracelet. 116,091; Aug. 8.
Philippe, Alfred, New York, N. Y. Pin clip. 116,099; Aug. 8.
Philippe, Alfred, New York, N. Y. Pin clip. 116,100; Aug. 8.
Philippe, Alfred, New York, N. Y. Pin clip. 116,105; Aug. 8.
Philippe, Alfred, New York, N. Y. Pin clip. 116,106; Aug. 8.
Philippe, Alfred, New York, N. Y. Pin clip. 116,107; Aug. 8.
Philippe, Alfred, New York, N. Y. Pin clip. 116,291; Aug. 22.
Philippe, Alfred, New York, N. Y. Pin clip. 116,292; Aug. 22.
Philippe, Alfred, New York, N. Y. Pin clip. 116,293; Aug. 22.
Philippe, Alfred, New York, N. Y. Pin clip. 116,294; Aug. 22.
Philippe, Alfred, New York, N. Y. Pin clip. 116,295; Aug. 22.
Philippe, Alfred, New York, N. Y. Pin clip. 116,296; Aug. 22.
Philippe, Alfred, New York, N. Y. Pin clip. 116,297; Aug. 22.
Philippe, Alfred, New York, N. Y. Necklace. 116,378; Aug. 29.
Philippe, Alfred, New York, N. Y. Bracelet. 116,612; Sept. 12.
Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Pin clip. 113,523; Feb. 28.
Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Pin clip. 113,524; Feb. 28.
Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Pin clip. 113,786; Mar. 14.
Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Pin clip. 113,787; Mar. 14.
Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Pin clip. 113,788; Mar. 14.
Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Pin clip. 113,789; Mar. 14.
Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Pin clip. 113,790; Mar. 14.
Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 113,791; Mar. 14.
Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 113,792; Mar. 14.
Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 113,793; Mar. 14.
Philippe, Alfred, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Bracelet. 114,721; May 9.
Philippe, Alfred, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Bracelet. 114,722; May 9.
Philippe, Alfred, assignor to Trifari, Krussman & Fishel Inc., New York, N. Y. Bracelet. 114,723; May 9.
Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 115,293; June 20.
Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 115,294; June 20.
Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Clip or similar article. 115,295; June 20.
Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Clip or similar article. 115,296; June 20.
Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Brooch or similar article. 115,297; June 20.
Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Earring or similar article. 115,422; June 27.
Philippe, Alfred, assignor to Trifari, Krussman & Fishel, Inc., New York, N. Y. Necklace. 116,575; Sept. 12.
Philips, Hans A., Stratford, assignor to The American Fabrics Company, Bridgeport, Conn. Braid. 112,829; Jan. 3.
Philips Metalix Corporation. (See Kloos, Gerard, assignor.)
Phillips, Jefferson C., Denver, Colo. Spoon. 115,129; June 6.
Phillips Products Company. (See Dick, Delbert A., assignor.)
Phillips, Samuel T. (See Worth, H., and Phillips.)
Phillis, William A., assignor to Beaver Pipe Tools, Inc., Warren, Ohio. Electric power drive unit for use with hand cutting tools. 116,830; Sept. 26.
Phinney-Walker Company. (See Ambrose, John P., assignor.)
Pick, Oswald M., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 112,786; Jan. 3.
Pick, Oswald M., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 112,787; Jan. 3.
Pick, Oswald M., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 112,788; Jan. 3.
Pick, Oswald M., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 112,789; Jan. 3.
Pick, Oswald M., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 116,598; Sept. 12.
Pick, Oswald M., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 118,131; Dec. 19.
Pick, Oswald M., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 118,133; Dec. 19.
Pick, Oswald M., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 118,134; Dec. 19.
Pick, Oswald M., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 118,135; Dec. 19.
Pick, Oswald M., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 118,136; Dec. 19.
Pick, Oswald M., assignor to The Florsheim Shoe Company, Chicago, Ill. Shoe or similar article. 118,137; Dec. 19.
Picker X-ray Corporation, Waite Manufacturing Division, Inc. (See Graves, E. B., and Stava, assignors.)
Pickop, George B., assignor to The New Haven Vibrator Company, Inc., New Haven, Conn. Combined blow-gun and sprayer can. 117,074; Oct. 10.
Picut, Frederick C., Newark, N. J. Beverage dispensing faucet. 113,994; Mar. 28.
Pierce, Ambrose R., assignor to American Stove Company, St. Louis, Mo. Coal range. 113,278; Feb. 7.
Pierie, Edward W. (See Sedlon, V. J., and Pierie.)
Pietzsch, Frank H. (See Campbell, S. H., and Pietzsch.)
Piffath, Peter, Great Neck, N. Y. Magneto housing. 116,576; Sept. 12.
Pike, Eugene W., Elizabeth, N. J. Illuminated magnifying glass. 117,126; Oct. 10.
Pike, Eugene W., Elizabeth, N. J. Illuminated magnifying glass. 117,127; Oct. 10.
Pike, Eugene W., Elizabeth, N. J. Illuminated magnifying glass. 117,128; Oct. 10.
Pileggi, Vincent R., Philadelphia, Pa. Combined comb, hair smoother and wrench. 118,021; Dec. 12.
Pilliod Cabinet Company, The. (See Pilliod, Thomas J., assignor.)
Pilliod, Thomas J., assignor to The Pilliod Cabinet Company, Swanton, Ohio. Merchandise display cabinet. 116,804; Sept. 26.
Pilot, Leo G. (See Footlik, Irving M., assignor.)
Pilot, Leo G., Chicago, Ill. Combined ashtray and glass retainer. 117,854; Nov. 28.
Piluso, Michael, Brooklyn, N. Y. Stopper top. 113,332; Feb. 14.
Piluso, Michael, Brooklyn, N. Y. Stopper top. 113,394; Feb. 21.
Pink, Berry, New York, N. Y. Pocket calendar. 113,878; Mar. 21.
Pinska, Flora M., Oakland, Calif. Guide for an electric iron cord. 114,559; May 2.
Pinski, Max J., New Orleans, La. Combined make-up box and mirror. 113,304; Feb. 7.
Pipenhagen, Charles A., Chicago, Ill. Sprayer pump. 112,845; Jan. 3.
Pipenhagen, Charles A., Chicago, Ill. Combined hat holder and coat hanger supporting bar. 115,182; June 6.
Pittsburgh Plate Glass Company. (See Cox, Samuel F., assignor.)
Pittsburgh Plate Glass Company. (See Miller, Robert A., assignor.)
Pittsburgh Plate Glass Company. (See Stoner, Howard G., assignor.)

Planco, Murray, New York, N. Y. Shoe or similar article. 113,976; Mar. 28.
Planeta, Anthony W., Linden, N. J. Basket. 114,798; May 16.
Planeta, Anthony W., Linden, N. J. Basket. 116,193; Aug. 15.
Planeta, Anthony W., Linden, N. J. Basket. 116,194; Aug. 15.
Platinum Products Corp. (See Andrews, Archie M., assignor.)
Plato, Paul E. (See Edwards, Norman, assignor.)
Platt, Joseph B., assignor to R. H. Macy & Co., Inc., New York, N. Y. Cosmetic cream jar. 114,460; Apr. 25.
Platt, Joseph B., assignor to R. H. Macy & Co., Inc., New York, N. Y. Bottle. 114,461; Apr. 25.
Platt, Joseph B., assignor to R. H. Macy & Co., Inc., New York, N. Y. Bottle. 114,462; Apr. 25.
Platt, Stephen A., assignor to U. S. Manufacturing Corporation, Decatur, Ill. Roll warmer or the like. 115,298; June 20.
Platt, Thomas E., San Francisco, Calif. Combined ash-tray and bracket support therefor. 114,142; Apr. 4.
Poehler, Eleanor N. (See Crandall, Donald O., assignor.)
Pogue, Tony L., May's Lick, Ky. Combined tie clasp and comb. 117,822; Nov. 28.
Polan, Katz & Company. (See Doty, Edward J., assignor.)
Polan, Katz & Company. (Se Levin, Joseph, assignor.)
Poley, Morris, Larchmont, N. Y. Curtain fabric or similar article. 113,641; Mar. 7.
Pollack, George J., New York, N. Y. Dress. 115,999; Aug. 1.
Pomeranz, Jacob J. (See Tanasso, V., and Pomeranz.)
Poncher, Louis S., and J. Y. Grade, Chicago, Ill. Bumper guard. 113,188; Jan. 31.
Popper, Arthur, New York, N. Y. Money rack. 113,542; Feb. 28.
Poole, Frederick A., Barrington, assignor to Production Instrument Company, Chicago, Ill. Counting device. 115,809; July 18.
Poor, Alfred E., Locust, N. J., assignor to Pass & Seymour, Inc., Syracuse, N. Y. Wall bracket for electric light. 118,311; Dec. 26.
Pope, Orson M., Los Angeles, Calif. Directional signal casing. 118,312; Dec. 26.
Porcelain Products, Inc. (See Peck, Lee H., assignor.)
Porter, Geneva T., North Tonawanda, N. Y. Belt. 114,143; Apr. 4.
Posch, Rudolph A., near Lees Summit, assignor to Hillyard Chemical Company, St. Joseph, Mo. Combined floor scrubbing and polishing machine. 116,330; Aug. 22.
Posnack, Emanuel R., New York, N. Y. Combination desk unit. 115,319; June 20.
Posnack, Emanuel R., New York, N. Y. Combination desk unit. 115,320; June 20.
Posnack, Emanuel R., New York, N. Y. Combination desk unit. 115,567; July 4.
Post, Norman W., Miami, Fla. Box. 117,842; Nov. 28.
Poster, Sidney J., New York, N. Y. Dress. 113,279; Feb. 7.
Poster, Sidney J., New York, N. Y. Dress. 116,116; Aug. 8.
Poster, Sidney J., New York, N. Y. Dress. 116,311; Aug. 22.
Postman, Louis, New York, N. Y. Glove. 116,542; Sept. 5.
Postman, Louis, New York, N. Y. Glove. 116,543; Sept. 5.
Poux, Noel J., Meadville, Pa. Pull tab for slide fasteners. 115,069; May 30.
Poux, Noel J., assignor to Talon, Inc., Meadville, Pa. Slider body for slide fasteners. 113,435; Feb. 21.
Poux, Noel J., assignor to Talon, Inc., Meadville, Pa. Slider body for slide fasteners. 113,436; Feb. 21.
Poux, Noel J., assignor to Talon, Inc., Meadville, Pa. Slider body for slide fasteners. 114,268; Apr. 11.
Poux, Noel J., assignor to Talon, Inc., Meadville, Pa. Slider body for slide fasteners. 114,269; Apr. 11.
Poux, Noel J., assignor to Talon, Inc., Meadville, Pa. Slider body for slide fasteners. 114,270; Apr. 11.
Poux, Noel J., assignor to Talon, Inc., Meadville, Pa. Slider body for slide fasteners. 114,271; Apr. 11.
Poux, Noel J., assignor to Talon, Inc., Meadville, Pa. Pull tab for slide fasteners. 115,940; Aug. 1.
Poux, Noel J., assignor to Talon, Inc., Meadville, Pa. Slide fastener pull. 116,937; Oct. 3.
Poux, Noel J., assignor to Talon, Inc., Meadville, Pa. Combined slider body and pull tab bail for slide fasteners. 117,823; Nov. 28.
Poux, Noel J., assignor to Talon, Inc., Meadville, Pa. Bottom stop for slide fasteners. 117,824; Nov. 28.
Poux, Noel J., assignor to Talon, Inc., Meadville, Pa. Slide fastener. 118,022; Dec. 12.
Powdrell and Alexander, Inc. (See Carragher, H. J., and Wilson, assignors.)
Powell, Dwight, assignor to The General Fireproofing Company, Youngstown, Ohio. Chair. 118,138; Dec. 19.
Powers, Thomas F. (See Fuhrmann, Warren, assignor.)
Prahl, Frederick A., Jr., Danvers, Mass., assignor, to United Shoe Machinery Corporation, Paterson, N. J. Casing for a stitching machine. 114,409; Apr. 18.
Prahl, Frederick A., Jr., Danvers, Mass., assignor, to United Shoe Machinery Corporation, Paterson, N. J. Casing for a stitching machine. 114,410; Apr. 18.
Prahl, Frederick A., Jr., Danvers, Mass., assignor, to United Shoe Machinery Corporation, Paterson, N. J. Casing for shoe machines. 114,411; Apr. 18.
Prahl, Frederick A., Jr., Danvers, Mass., assignor, to United Shoe Machinery Corporation, Paterson, N. J. Standard for a shoe machine. 114,412; Apr. 18.
Prahl, Frederick A., Jr., Danvers, Mass., assignor to United Shoe Machinery Corporation, Paterson, N. J. Casing for a stitching machine. 115,423; June 27.
Prahl, Frederick A., Jr., Hamilton, Mass., assignor to United Shoe Machinery Corporation, Borough of Flemington, N. J. Casing for a shoe machine. 118,053; Dec. 12.
Prahl, Frederick A., Jr., Hamilton, and C. C. Bell, Marblehead, Mass., assignors to United Shoe Machinery Corporation, Borough of Flemington, N. J. Spray booth. 118,054; Dec. 12.
Prall, Bert R., Winnetka, assignor to Montgomery Ward 115,321; June 20.
Pratt, Eva H., Wichita, Kans. Broom cover for dusting purposes. 113,048; Jan. 24.
Prazak, Emil, Jr., Elizabeth, N. J. Tucked fabric. 116,831; Sept. 26.
Precision Scientific Company. (See Newman, Alexander I., assignor.)
Precision Scientific Company. (See Newman, A. I., and Van Guilder, assignors.)
Preller, Morris, New York, N. Y. Dress. 113,480; Feb. 21.
Prentice, James M., Holyoke, Mass. Game board. 117,958; Dec. 5.
Prentiss, Polly, Inc., et al. (See Asch, Leonard C., assignor.)
Presser, Harry, New York, N. Y. Dress ensemble. 114,155; Apr. 4.
Presser, Harry, New York, N. Y. Dress. 114,156; Apr. 4.
Presser, Harry, New York, N. Y. Dress ensemble. 114,157; Apr. 4.
Presser, Harry, New York, N. Y. Dress ensemble. 114,158; Apr. 4.
Presser, Harry, New York, N. Y. Dress ensemble. 114,599; May 2.
Presser, Harry, New York, N. Y. Dress ensemble. 114,600; May 2.
Pressey, William L., assignor to Odisco Corporation, Chicago, Ill. Portable washing machine. 117,457; Nov. 7.
Presslaff, Murray, New York, N. Y. Blouse. 114,298; Apr. 11.
Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric iron. 114,463; Apr. 25.
Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric iron. 114,464; Apr. 25.
Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric iron. 114,465; Apr. 25.
Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric iron. 114,466; Apr. 25.
Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric iron. 114,467; Apr. 25.
Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric iron. 114,468; Apr. 25.
Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Waffle iron or similar article. 116,127; Aug. 8.
Preston, Edward S., Hinsdale, assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Electric washing machine. 117,959; Dec. 5.
Price, Arthur E., assignor to Hinckley-Myers Company, Jackson, Mich. Tension wrench. 115,299; June 20.
Price, David W., New York, N. Y. Dress. 113,209; Jan. 31.
Price, David W., New York, N. Y. Dress. 113,280; Feb. 7.
Price, David W., New York, N. Y. Dress. 113,281; Feb. 7.
Price, David W., New York, N. Y. Dress. 113,683; Mar. 7.
Price, David W., New York, N. Y. Dress. 114,032; Mar. 28.
Price, David W., New York, N. Y. Dress. 116,312; Aug. 22.
Price, David W., New York, N. Y. Dress. 116,331; Aug. 22.
Price, David W., New York, N. Y. Dress. 116,665; Sept. 12.
Price, David W., New York, N. Y. Dress. 116,666; Sept. 12.
Price, David W., New York, N. Y. Dress. 116,667; Sept. 12.
Price, David W., New York, N. Y. Dress. 117,002; Oct. 3.
Price, David W., New York, N. Y. Dress. 117,017; Oct. 3.
Price, David W., New York, N. Y. Dress. 117,432; Oct. 31.
Price, David W., New York, N. Y. Dress. 117,528; Nov. 7.

Price, David W., New York, N. Y. Dress. 117,529; Nov. 7.
Price, Herman M., et al. (See Compton, Beaulard J., assignor.)
Price, James R., Cranston, assignor to Gorham Manufacturing Company, Providence, R. I. Spoon or other article of flatware. 115,070; May 30.
Price, James R., Cranston, assignor to Gorham Manufacturing Company, Providence, R. I. Spoon or other article of flatware. 116,144; Aug. 15.
Prime Manufacturing Company, The. (See Moore, Sidney A., assignor.)
Primrose Tapestry Co. Inc. (See Weiss, Roger, assignor.)
Prince, Arthur C., assignor to Chicago Thrift Company, Chicago, Ill. Toy bank. 117,935; Dec. 5.
Prince, Betty E., Loris, S. C. Inflatable water swing. 118,169; Dec. 19.
Princeton Knitting Mills, Incorporated. (See Doft, Max, assignor.)
Procter & Gamble Company, The. (See Gerhart, Charles T., assignor.)
Production Instrument Company. (See Poole, Frederick A., assignor.)
Prokosch, Walther, New York, N. Y. Chair. 115,838; July 25.
Propernick, August A., Bridgeport, Conn., assignor to General Electric Company. Waffle iron or similar article. 114,687; May 9.
Pro-phy-lac-tic Brush Company. (See Conant, Roger, assignor.)
Pro-phy-lac-tic Brush Company. (See Müller-Munk, Peter, assignor.)
Pro-phy-lac-tic Brush Company. (See Whiting, Norma S., assignor.)
Prossack, Herman L., assignor to J. H. Louchheim, Jr., doing business as Keystone Slipper Company, Philadelphia, Pa. Slipper. 112,790; Jan. 3.
Proteau, Andre, New York, N. Y. Textile fabric. 117,736; Nov. 21.
Przywara, Bernard W., Flint, Mich. Radio cabinet or the like. 115,979; Aug. 1.
Pueschel, Paul, Glencoe, Ill. Bird feeding station.
& Co., Incorporated, Chicago, Ill. Tire. 115,424; June 27.
Pugh, Guy L. (See Pugh, Merlin L., assignor.)
Pugh, Merlin L., assignor to G. L. Pugh, Minneapolis, Minn. Case for a combined battery tester and charger. 112,913; Jan. 10.
Pugsley, Edwin, assignor to Western Cartridge Company, New Haven, Conn. Firearm. 117,638; Nov. 14.
Puhl, John, Products Company, The. (See Puhl, Richard J., assignor.)
Puhl, Richard J., assignor to The John Puhl Products Company, Chicago, Ill. Bottle. 116,864; Sept. 26.
Puritan Compressed Gas Corporation. (See Willhelmy, Glenn E., assignor.)
Putnam, James R., Prospect, Conn. Jewelry display box or the like. 113,282; Feb. 7.
Putterman, Charles. (See Linder, C., and Putterman.)
Quackenbush-Caven Company. (See Quackenbush, Edwin, assignor.)
Quackenbush, Edwin, Ridgewood, N. J., assignor to Quackenbush-Caven Company, Inc., New York, N. Y. Textile fabric or similar article. 114,387; Apr. 18.
Quadrex Corporation. (See Leathers, Ward, assignor.)
Quaker Lace Company. (See Miller, Walter C., assignor.)
Quaker Lace Company Inc. (See Otto, Ferdinand P., assignor.)
Quaker Lace Company. (See Waterfield, James, assignor.)
Quaker Lace Company Inc. (See Wolf, William, assignor.)
Quint, Bertram M., Leominister, Mass., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Mirror or similar article. 114,313; Apr. 11.
Racine Shoe Manufacturing Company. (See Schmidt, Edward P., assignor.)
Radel, Aaron A., assignor to Master Venetian Blind Hardware Corporation, New York, N. Y. Venetian blind tilter. 113,570; Feb. 28.
Radiart Corporation, The. (See Mace, Arthur T., assignor.)
Radtke, Adelbert C., Forest Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Combined spray gun and container cap. 114,866; May 16.
Radtke, Adelbert C., Forest Park, assignor to Sears, Roebuck and Co., Chicago, Ill. Compressor casing. 116,241; Aug. 22.
Raehrs, Emery C. (See Vancil, E. D., and Raehrs.)
Ragan, Mike, Los Angeles, Calif. Fingernail bowl. 113,853; Mar. 21.
Rambo, Ingar G. (See Uecker, R., Beatty, and Rambo.)
Ramsthal, Alfred F., assignor to West Bend Aluminum Co., West Bend, Wis. Coffee server. 116,379; Aug. 29.
Ramsthal, Alfred F., assignor to West Bend Aluminum Co., West Bend, Wis. Coffee maker. 116,380; Aug. 29.
Ramsthal, Alfred F., assignor to West Bend Aluminum Co., West Bend, Wis. Handle for sauce pans. 118,023; Dec. 12.
Ramstrum, Eric, Philadelphia, Pa., assignor to American Car and Foundry Motors Company, New York, N. Y. Highway vehicle. 115,968; Aug. 1.
Ramstrum, Eric, Philadelphia, Pa., assignor to American Car and Foundry Motors Company, New York, N. Y. Highway vehicle. 115,969; Aug. 1.
Rand, Henry J., New York, N. Y., and W. H. Nichols, Westfield, N. J., assignors to Remington Rand Inc., Buffalo, N. Y. Electric razor. 113,854; Mar. 21.
Rand, James H., Jr., Stamford, and R. G. Thompson, West Hartford, Conn., assignors to Remington Rand Inc., Buffalo, N. Y. Typewriting machine. 113,145; Jan. 31.
Randall, Walter H., Waterville, assignor, by mesne assignments, to The Canal National Bank of Portland, Portland, Maine. Combined molded pulp container and cover therefor for a food product, drinking cup, or the like. 115,523; July 4.
Randall, Walter H., Waterville, assignor, by mesne assignments, to The Canal National Bank of Portland, Portland, Maine. Molded pulp plate or the like. 115,524; July 4.
Randall, Walter H., Waterville, assignor, by mesne assignments, to The Canal National Bank of Portland, Portland, Maine. Molded pulp container for a food product, drinking cup, or the like. 115,525; July 4.
Rannells, John, New York, N. Y. Head covering or similar article. 116,646; Sept. 12.
Ranney, Fred T., Minneapolis, Minn. Highway marker. 117,675; Nov. 21.
Raphaels, Edwin, New York, N. Y. Textile fabric. 113,764; Mar. 14.
Raseman, Rachel D., Bloomfield Hills, assignor to Evans Products Company, Detroit, Mich. Air circulating space heater or the like. 113,350; Feb. 14.
Raseman, Rachel D., Bloomfield Hills, assignor to Evans Products Company, Detroit, Mich. Tractive vehicle. 116,434; Aug. 29.
Rask, Harry J., Portland, Oreg. Combined display case and stand. 115,351; June 20.
Rau, John A., assignor to Allison Steel Manufacturing Company, Phoenix, Ariz. Elevated tank. 116,052; Aug. 8.
Rauch, Albert, New York, N. Y. Fur collar. 116,050; Aug. 8.
Rauch, Albert, New York, N. Y. Fur collar. 116,051; Aug. 8.
Ray, Don, Beverly Hills, Calif. Protective hood for milk bottles and the like. 117,721; Nov. 21.
Ray, William A., Glendale, Calif., assignor to General Controls Co. Valve. 113,437; Feb. 21.
Ray, William A., Glendale, Calif., assignor to General Controls Co. Valve. 113,438; Feb. 21.
Ray, William A., Glendale, Calif., assignor to General Controls Co. Combined thermostat case and mounting therefor or similar article. 114,091; Apr. 4.
Ray, William A., Glendale, Calif. Fluid control valve. 114,497; Apr. 25.
Reckford, Joseph S., New York, and E. C. Kubler, Hollis, N. Y., assignors to American Lead Pencil Company, Hoboken, N. J. Pencil tip. 116,412; Aug. 29.
Reconstruction Finance Corporation. (See Staines, Samuel E., assignor.)
Rector, Walter W., assignor to The American Fork & Hoe Company, Cleveland, Ohio. Hammer or similar article. 117,207; Oct. 17.
Red Jacket Manufacturing Company. (See Deters, Elmer M., assignor.)
Redlich, Rudolph, assignor to Lacy Products Corp., Chicago, Ill. Display stand. 115,509; July 4.
Reed & Barton. (See Turner, George L., assignor.)
Reed, Thomas H., Jr., Albany, Calif. Badge or similar article. 113,049; Jan. 24.
Reeder, Homer E., Lima, Ohio. Electric gear shift motor. 117,306; Oct. 24.
Reese, Mary J., Pittsburg, Kans. Match holder. 113,467; Feb. 21.
Reeves Steel and Manufacturing Company. (See Hunker, Martin L., assignor.)
Reggie, Christy, Queens Village, N. Y. Shoe last. 117,909; Dec. 5.
Reich, Melvin A., Buffalo, N. Y. Finger ring. 115,300; June 20.
Reichart, James H., Muncie, Ind. Sewing case or similar article. 113,351; Feb. 14.
Reichenbach, Howard F., assignor to Chase Brass & Copper Co. Incorporated, Waterbury, Conn. Combined ashtray and support for cigarettes and the like. 116,974; Oct. 3.
Reichert, Carl E. (See Kemmer, P. H., and Reichert.)
Reid, Elmer A., Morrisville, Pa. Portable electric humidifier. 115,173; June 6.
Reiff, Meyer, Philadelphia, Pa. Blank for a pendant cruciform. 115,794; July 18.
Reighard, Catherine F., New York, N. Y. Doll or similar article. 113,238; Feb. 7.
Reilly, Alfred F., North Attleboro, Mass., assignor to Evans Case Company. Handbag frame or the like. 117,312; Oct. 24.
Reiman, Paul, New York, N. Y. Towel or similar article. 117,878; Nov. 28.
Reiman, Paul, New York, N. Y. Towel or similar article. 117,879; Nov. 28.
Reinecke, Jean O. (See Barnes, J. F., and Reinecke.)
Reinecke, Jean O., Chicago, Ill., assignor to Dazey Churn & Manufacturing Company, St. Louis, Mo. Ice crushing machine. 113,015; Jan. 24.

Reinecke, Jean O., Chicago, Ill., assignor to Dazey Churn & Manufacturing Company, St. Louis, Mo. Ice crushing machine. 113,016; Jan. 24.
Reinecke, Jean O., assignor to Crane Co., Chicago, Ill. Combined handle and escutcheon. 113,395; Feb. 21.
Reinecke, Jean O., assignor to Crane Co., Chicago, Ill. Bath spout. 113,396; Feb. 21.
Reinecke, Jean O., assignor to Crane Co., Chicago, Ill. Deviator spout. 113,397; Feb. 21.
Reinecke, Jean O., assignor to Crane Co., Chicago, Ill. Combined lavatory spout and waste handle. 113,398; Feb. 21.
Reinecke, Jean O., assignor to Crane Co., Chicago, Ill. Combined escutcheon and handle. 113,399; Feb. 21.
Reinecke, Jean O., assignor to Crane Co., Chicago, Ill. Shower head. 113,439; Feb. 21.
Reinecke, Jean O., assignor to Crane Co., Chicago, Ill. Curtain rod wall flange. 113,532; Feb. 28.
Reinecke, Jean O., assignor to Lion Manufacturing Corporation, Chicago, Ill. Electric razor. 115,130; June 6.
Reinecke, Jean O., assignor to Crane Co., Chicago, Ill. Shower head. 115,795; July 18.
Reinecke, Jean O., assignor to Crane Co., Chicago, Ill. Combined handle and escutcheon. 115,796; July 18.
Reinecke, Jean O., assignor to Crane Co., Chicago, Ill. Combined lavatory spout, waste handle and ice-water faucet. 115,797; July 18.
Reinecke, Jean O., and J. M. Kovarik, Jr., Chicago, and R. H. Zinkil, Oak Park, assignors to Crane Co., Chicago, Ill. Combined lavatory leg and towel bar. 115,810; July 18.
Reinecke, Jean O., assignor to Crane Co., Chicago, Ill. Combined lavatory supply fixture and waste handle. 115,811; July 18.
Reinecke, Jean O., Chicago, Ill., assignor to Minnesota Mining & Manufacturing Company, St. Paul, Minn. Tape dispenser. 116,599; Sept. 12.
Reinecke, Jean O., assignor to Cole Hot Blast Mfg. Co., Chicago, Ill. Space heater. 118,170; Dec. 19.
Reinecke, Jean O., and J. F. Barnes, assignors to McGraw Electric Company, Chicago, Ill. Glass dish. 113,571; Feb. 28.
Reiner, Imre, Lugano, Switzerland. Printing type font. 118,171; Dec. 19.
Reiser, Edward A., Dayton, Ohio. Combined egg cup and cover therefor. 112,846; Jan. 3.
Reiss-Premier Corporation, The. (See Hirsch, Rudolph, assignor.)
Reitmeister, Louis A., Great Neck, N. Y., assignor to Jenath Knitwear, Inc. Sweater. 114,345; Apr. 18.
Reliance Art Metal Inc. (See Dreher, Stanley C., assignor.)
Rembrecht, Therese, New York, N. Y. Doll. 115,576; July 4.
Rembrecht, Therese, New York, N. Y. Pillowcase. 116,108; Aug. 8.
Remington Arms Company. (See Barry, W. H., and Stauffer, assignors.)
Remington Arms Company. (See Vassos, John, assignor.)
Remington Rand Inc. (See Rand, H. J., and Nichols, assignors.)
Remington Rand Inc. (See Rand, J. H., Jr., and Thompson, assignors.)
Remington Rand Inc. (See Wolters, C. F., and Tober, assignors.)
Renaldo, Leandre G., Paris, France. Shoe sole. 114,511; Apr. 25.
Renga, Farnando L., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Vibrator. 115,049; May 30.
Renga, Fernando L., assignor to Chicago Electric Manufacturing Company, Chicago, Ill. Vibrator. 115,237; June 13.
Renown Stove Company. (See Heym, Norman F., assignor.)
Reppert, Roland, Pelham Manor, assignor to American Hard Rubber Company, New York, N. Y. Receptacle for batteries or similar articles. 112,914; Jan. 10.
Reppert, Roland, Pelham Manor, assignor to American Hard Rubber Company, New York, N. Y. Receptacle for batteries or similar articles. 113,283; Feb. 7.
Ressegger, Lloyd E. (See Allen, G. N., and Ressegger.)
Ressegger, Lloyd E. (See Allen, G. N., Fleming, and Ressegger.)
Rettenmeyer, Frederick W., assignor to The Napier Company, Meriden, Conn. Display article holder. 114,199; Apr. 11.
Reutter, Carl. (See Robinson, F. A., and Reutter.)
Reutter, Frederick. (See Hoffman, A. C., and Reutter.)
Reverse Camera Company. (See Sperry, Philmore F., assignor.)
Revlon Products Corporation. (See Breen, Fred, assignor.)
Reynolds, James C., Sheridan, Wyo. Statuette or similar article. 118,024; Dec. 12.
Reynolds Metals Company. (See Broderick, Frank W., assignor.)
Reynolds Electric Company. (See Laib, William L., assignor.)
Reynolds Metals Company. (See Sunderhauf, F. A., and Broderick, assignors.)
Reznek, Ben, Washington, D. C. Parking meter. 116,805; Sept. 26.
Rice, Henry T. (See Ohlsson, I. G., and Rice.)
Rice, Sidney S., Jr., et al. (See Hafler, Lizzie, assignor.)
Rice, William W., Chicago, Ill. Self-photographing apparatus. 115,631; July 11.
Rich, Jeannette, Chicago, Ill. Vanity case or similar article. 117,485; Nov. 7.
Rich, Jeannette, Chicago, Ill. Vanity case or similar article. 117,639; Nov. 14.
Richards, Albert A., Montebello, Calif. Tile unit or analogous article. 116,806; Sept. 26.
Richardson Company, The. (See Rieser, Oliver O., assignor.)
Richardson, Ethel M., Hartford, Conn. Contribution box. 115,152; June 6.
Richardson, Irving, Newark, N. J. Carpet sweeper shell. 112,963; Jan. 17.
Richardson, Irving, Newark, N. J. Carpet sweeper. 112,964; Jan. 17.
Richardson, Irving, Newark, N. J. Carpet sweeper shell. 117,676; Nov. 21.
Richardson, Marguerite R., and E. Staber, New York, N. Y. Dress ensemble. 114,159; Apr. 4.
Richardson, Marguerite R., and E. Staber, New York, N. Y. Dress ensemble. 114,964; May 23.
Richter, Maxwell, New York, N. Y. Dress. 115,050; May 30.
Richter, Maxwell, New York, N. Y. Dress. 117,233; Oct. 17.
Rideout, John G., Cleveland, Ohio, assignor to Calumet Manufacturing Corporation, Hammond, Ind. Chair back. 115,051; May 30.
Rideout, John G., Cleveland, Ohio, assignor to Junior Toy Corporation, Hammond, Ind. Cycle saddle seat. 117,594; Nov. 14.
Rideout, John G., Cleveland, Ohio, assignor to Junior Toy Corporation, Hammond, Ind. Scooter footboard or similar article. 118,245; Dec. 26.
Riedner, Renaté, New York, N. Y. Glove. 112,816; Jan. 3.
Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Battery box. 117,698; Nov. 21.
Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery case. 117,699; Nov. 21.
Rieser, Oliver O., Oak Park, Ill., assignor to The Richardson Company, Lockland, Ohio. Storage battery box. 117,722; Nov. 21.
Rinaldi, Albert, Chicago, Ill. Dress. 118,350; Dec. 26.
Ripich, Louis J., Cleveland, Ohio. Noise making toy airplane. 117,290; Oct. 24.
Rising, Paul E., Beverly Hills, assignor to Hay's Beverages, Inc., Los Angeles, Calif. Beverage bottle. 117,723; Nov. 21.
Risk, George, Des Moines, Iowa. Cabinet for inter-building communication systems. 113,765; Mar. 14.
Rithner, Henry, Wellsburg, W. Va. Vigil candle tumbler or similar article. 115,659; July 11.
Rithner, Henry, Wellsburg, W. Va. Combined ashtray and candle holder or similar article. 116,242; Aug. 22.
Rittelman, Lawrence, New York, N. Y. Admission ticket. 114,522; Apr. 25.
Rittenhouse, A. E., Co., The. (See Rittenhouse, Lloyd, assignor.)
Rittenhouse, A. E., Co., The. (See Rittenhouse, L., and Crossett, assignors.)
Rittenhouse, Lloyd, assignor to The A. E. Rittenhouse Co., Inc., Honeoye Falls, N. Y. Signal device. 114,965; May 23.
Rittenhouse, Lloyd, assignor to The A. E. Rittenhouse Co., Inc., Honeoye Falls, N. Y. Signal device. 115,449; June 27.
Rittenhouse, Lloyd, assignor to The A. E. Rittenhouse Co., Inc., Honeoye Falls, N. Y. Housing for signal device. 116,170; Aug. 15.
Rittenhouse, Lloyd, Honeoye Falls, and S. M. Crossett, Rochester, assignors to The A. E. Rittenhouse Co., Inc., Honeoye Falls, N. Y. Signal device. 114,688; May 9.
Ritter, Carl A., Chicago, Ill. Flashlight. 113,146; Jan. 31.
Ritter, Carl A., Chicago, Ill. Flashlight. 113,400; Feb. 21.
Ritter Dental Manufacturing Company. (See Cameron, Gordon K., assignor.)
Ritter, Saul, New York, N. Y. Bracelet chain. 113,333; Feb. 14.
Ritter, Saul, New York, N. Y. Bracelet chain. 113,334; Feb. 14.
Ritz-Woller, Oliver C., Chicago, Ill. Combined rear view mirror and support therefor. 116,053; Aug. 8.
Ritz-Woller, Oliver C., Chicago, Ill. Combined flares and receptacle therefor. 117,433; Oct. 31.
Rival Manufacturing Company. (See Majewski, Joseph M., Jr.)
Riverdale Mfg. Co. Inc. (See Fluegelman, Arthur, assignor.)
Rixson, Oscar C., Co., The. (See Garrison, Forrest C., assignor.)
Rizsak, Lillian G., New York, N. Y. Dress. 116,207; Aug. 15.
Rizsak, Lillian G., New York, N. Y. Dress ensemble. 116,313; Aug. 22.
Rizsak, Lillian G., New York, N. Y. Dress. 116,481; Sept. 5.
Roadrunner Corporation. (See Matteson, Burton J., Jr., assignor.)

Robb, Frank B., Chagrin Falls, Ohio. Combination desk and play board. 114,767; May 16.
Robb, Frank B., Chagrin Falls, Ohio. Combination desk and play board. 115,660; July 11.
Roberts, Bertram L. (See McCarthy, J. F., and Roberts.)
Roberts, Clifford E., Joppa, assignor to The Glenn L. Martin Company, Baltimore, Md. Airplane. 114,299; Apr. 11.
Roberts, Donald B. (See Critchfield, R. M., and Roberts.)
Roberts, Earla M., assignor to Armstrong Cork Company, Lancaster, Pa. Water bottle or similar article. 118,246; Dec. 26.
Roberts, Earla M., assignor to Armstrong Cork Company, Lancaster, Pa. Water bottle or similar article. 118,247; Dec. 26.
Roberts, Henry T., assignor to J. P. Seeburg Corporation, Chicago, Ill. Phonograph cabinet or the like. 113,284; Feb. 7.
Roberts, Henry T., assignor to J. P. Seeburg Corporation, Chicago, Ill. Phonograph cabinet or the like. 113,285; Feb. 7.
Roberts, Henry T., assignor to J. P. Seeburg Corporation, Chicago, Ill. Phonograph cabinet or the like. 113,286; Feb. 7.
Roberts, Henry T., assignor to J. P. Seeburg Corporation, Chicago, Ill. Phonograph cabinet top member or the like. 114,647; May 9.
Roberts, John J., Louisville, Ky. Electric traffic timing signal. 116,314; Aug. 22.
Roberts, John J., Louisville, Ky. Electric hammer drill. 117,112; Oct. 10.
Roberts, Nathaniel T. (See Mercer, Fay G., assignor.)
Robin, Jacob I., assignor to International Mutoscope Reel Co. Inc., New York, N. Y. Changeable exhibitor. 117,149; Oct. 17.
Robinson, Charles A., Los Angeles, Calif. Combined portable rotisserie and barbecue stand. 116,964; Oct. 3.
Robinson, Frank A., and C. Reutter, North Beverly, Mass. Illuminable traffic signal. 114,469; Apr. 25.
Robinson, Frank A., and C. Reutter, North Beverly, Mass. Illuminable traffic signal. 114,470; Apr. 25.
Robinson, Grace C., New York, N. Y. Bottle or similar container. 114,667; May 9.
Robinson, Grace C., New York, N. Y. Lipstick holder. 115,823; July 18.
Robinson, Hanson, Wayne, Pa. Badge or similar article. 115,450; June 27.
Robinson, Hilyard R., Washington, D. C., and A. J. C. Knudstrup, Vienna, Va. Desk lamp. 114,110; Apr. 4.
Robinson, Joseph, New York, N. Y. Electric vaporizer. 117,150; Oct. 17.
Robinson, Theodore G. (See Jetté, Ellerton M., assignor.)
Robinson, Thomas R., Everett, Wash. Combination table and settee. 113,401; Feb. 21.
Roche, William J., Hewlett, N. Y. Textile fabric. 118,351; Dec. 26.
Rochester Manufacturing Co. (See Ford, George E., assignor.)
Rochester Germicide Company. (See Grover, Frederic S., assignor.)
Rockola, David C., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonograph cabinet. 113,287; Feb. 7.
Rockola, David C., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonograph cabinet. 113,302; Feb. 7.
Rockola, David C., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonograph cabinet. 113,572; Feb. 28.
Rockola, David C., assignor to Rock-Ola Manufacturing Corporation, Chicago, Ill. Phonograph cabinet. 113,606; Feb. 28.
Rock-Ola Manufacturing Corporation. (See Rockola, David C., assignor.)
Rodgers, Annetta K., assignor of one-third to F. W. Williams, Philadelphia, Pa. Finger ring. 116,171; Aug. 15.
Rodriguez, Jose, New York, N. Y. Brooch or similar article. 116,482; Sept. 5.
Rodriguez, Jose, New York, N. Y. Brooch or similar article. 116,483; Sept. 5.
Roessner, William L., Chicago, Ill., assignor to B. L. MacGregor, as trustee. Fire extinguishing grenade. 115,824; July 18.
Roffy, Joseph T., Los Angeles, Calif. Fan housing. 112,847; Jan. 3.
Rogers, Jackson D., Bay Village, Ohio. Chair or similar article. 114,768; May 16.
Rogers, Jackson D., Bay Village, Ohio. Chair. 115,425; June 27.
Rogers, Lunt & Bowlen Company. (See Koonz, Frederick W., assignor.)
Rogers Peet Company. (See Forbell, Charles H., assignor.)
Rogers, Sam T., Washington, D. C. Airship. 113,879; Mar. 21.
Rogers, Sam T., Washington, D. C. Airship. 113,880; Mar. 21.
Rogers, Sam T., Washington, D. C. Airship. 113,881; Mar. 21.
Rogers, Walter F., Oak Park, assignor to Crown Stove Works, Cicero, Ill. Range. 115,362; June 20.
Roher, Harry, New York, N. Y. Dress ensemble. 116,315; Aug. 22.
Roher, Harry, New York, N. Y. Dress. 116,668; Sept. 12.
Roher, Harry, New York, N. Y. Dress. 116,669; Sept. 12.
Roher, Harry, New York, N. Y. Dress. 116,670; Sept. 12.
Roher, Harry, New York, N. Y. Dress. 117,512; Nov. 7.
Rohtman, Harris A., New York, N. Y. Embroidered textile fabric. 115,812; July 18.
Rohtman, Harris A., New York, N. Y. Embroidered textile fabric. 115,813; July 18.
Rolfe, Nathan, New York, N. Y. Dress. 114,966; May 23.
Rolfe, Nathan, New York, N. Y. Dress. 116,886; Sept. 26.
Roller, Robert, Haddonfield, N. J. Combination kitchen tool. 117,910; Dec. 5.
Rollocurl Corporation. (See Schlicker, Herman C., assignor.)
Rolls Razor Limited. (See Law, Edgar H., assignor.)
Romano, Joseph, West New York, N. J. Combined tie rack and toilet article container. 118,172; Dec. 19.
Ronacher, Vincent, New York, N. Y. Electrically illuminated picture viewer or similar article. 115,766; July 18.
Roos, Leopold, New York, N. Y. Combined cracker and pick. 115,426; June 27.
Root, John W., Chicago, Ill. Combined divan and bed. 113,147; Jan. 31.
Roper, Geo. D., Corporation. (See Hennessy, John F., assignor.)
Roper, Geo. D., Corporation. (See Hobson, Stanley H., assignor.)
Roschen, William E., et al. (See Biva, Lucien, assignor.)
Roschen, Wm. E., et al., executors. (See Biva, Lucien, assignor.)
Roschen, William E., et al., coexecutors. (See Biva, Lucien, assignor.)
Rose, Elmer D., Bradford, Pa. Game board. 115,220; June 13.
Rose, Emil, Providence, R. I. Combined illuminated crucific and holy water fount. 113,335; Feb. 14.
Rose, Felicia L., New York, N. Y. Dress. 117,195; Oct. 17.
Rose, Felicia L., New York, N. Y. Dress. 117,542; Nov. 7.
Rose, Lloyd, Long Beach, N. Y. Cigarette vending cabinet. 115,007; May 30.
Roselund, Harold A., assignor to The De Vilbiss Company, Toledo, Ohio. Spray gun. 114,560; May 2.
Roseman, Zoltan, assignor to V. R. Saunt, Cleveland, Ohio. Window frame. 118,248; Dec. 26.
Rosen, Leon, New York, N. Y. Revolving display stand. 116,758; Sept. 19.
Rosen, Max J., Brooklyn, N. Y. Handkerchief. 117,519; Nov. 7.
Rosen, Max J., Brooklyn, N. Y. Handkerchief. 117,530; Nov. 7.
Rosen, Max J., Brooklyn, N. Y. Handkerchief. 117,640; Nov. 14.
Rosen, Max J., Brooklyn, N. Y. Handkerchief. 117,641; Nov. 14.
Rosen, Max J., Brooklyn, N. Y. Handkerchief. 117,757; Nov. 21.
Rosen, Max J., Brooklyn, N. Y. Handkerchief. 117,776; Nov. 21.
Rosen, Samuel, and B. M. Hulsh, Chicago, Ill. Rug cleaning device or similar article. 114,601; May 2.
Rosen, Sydelle, New York, N. Y. Dress. 117,758; Nov. 21.
Rosen, Sydelle, New York, N. Y. Dress. 117,759; Nov. 21.
Rosenak, Theodore, Fox Point, assignor to Jos. Schlitz Brewing Company, Milwaukee, Wis. Display stand. 118,139; Dec. 19.
Rosenbaum, Harry, Denver, Colo. Handkerchief or similar article. 114,850; May 16.
Rosenbaum, Maria, née Boevers, Hanover, Germany. Label container. 113,720; Mar. 14.
Rosenbaum, Maria, née Boevers, Hanover, Germany. Label container. 113,721; Mar. 14.
Rosenberg, Eli, New York, N. Y. Handbag or similar article. 115,071; May 30.
Rosenberg, Enid, New York, N. Y. Dress ensemble. 114,160; Apr. 4.
Rosenberg, George, New Rochelle, N. Y. Compact. 113,995; Mar. 28.
Rosenberg, George, New Rochelle, N. Y. Compact. 113,996; Mar. 28.
Rosenberg, George, New Rochelle, N. Y. Lady's handbag frame. 114,033; Mar. 28.
Rosenberg, George, New Rochelle, N. Y. Panel for a compact or similar article. 115,676; July 11.
Rosenberg, Myer, Chicago, Ill. Fruit coring tool. 114,471; Apr. 25.
Rosenblatt, Henry, assignor to Cohn & Rosenberger, Inc., New York, N. Y. Brooch pin or similar article. 113,766; Mar. 14.
Rosenblatt, Samuel, New York, N. Y. Coat. 113,094; Jan. 24.
Rosener, Jane, New York, N. Y. Dress. 116,000; Aug. 1.
Rosener, Jane, New York, N. Y. Dress. 117,982; Dec. 5.
Rosener, Jane, New York, N. Y. Dress. 118,173; Dec. 19.
Rosener, Jane, New York, N. Y. Dress. 118,338; Dec. 26.
Rosenfeld, Milton G., St. Louis, Mo. Coat. 116,298; Aug. 22.
Rosengren, Herbert. (See Jensen, T., and Rosengren.)

Rosengren, Herbert. (See Wheeler, H. H., and Rosengren.)
Rosenshein, Philip, New York, N. Y. Coat. 114,300; Apr. 11.
Rosenstein, Charles, Paterson, N. J. Textile fabric or similar article. 115,596; July 4.
Rosenstein, Charles, Paterson, N. J. Textile fabric or similar article. 116,887; Sept. 26.
Rosenstein, Charles, Paterson, N. J. Textile fabric or similar article. 116,888; Sept. 26.
Rosenthal, Samuel W., New York, N. Y. Reading lamp. 114,624; May 2.
Rosenthal, Samuel W., New York, N. Y. Permanent wave machine. 115,131; June 6.
Rosenthal, Samuel W., New York, N. Y. Adjustable lamp. 115,340; June 20.
Rosenzweig, Arthur, New York, N. Y. Coat. 116,351; Aug. 29.
Rosenzweig, Arthur, New York, N. Y. Coat. 117,384; Oct. 31.
Rosenzweig, Arthur, New York, N. Y. Coat. 117,532; Nov. 7.
Ross, Eugene S., New York, N. Y. Textile fabric. 116,413; Aug. 29.
Ross, Joseph M., New York, N. Y. Revolving perfume stand. 113,172; Jan. 31.
Ross, Walter, New York, N. Y. Textile fabric. 114,043; Mar. 28.
Ross, William P., Lakewood, assignor to The Standard Tool Co., Cleveland, Ohio. Drill holder. 116,054; Aug. 8.
Rost, Katheryn, New York, N. Y. Dress. 113,173; Jan. 31.
Rost, Katheryn, New York, N. Y. Dress. 113,818; Mar. 14.
Rost, Katheryn, New York, N. Y. Dress. 113,819; Mar. 14.
Rost, Katheryn, New York, N. Y. Dress. 113,820; Mar. 14.
Rost, Katheryn, New York, N. Y. Dress. 114,161; Apr. 4.
Rost, Katheryn, New York, N. Y. Dress. 116,001; Aug. 1.
Rost, Katheryn, New York, N. Y. Dress. 116,117; Aug. 8.
Rost, Katheryn, New York, N. Y. Dress. 116,414; Aug. 29.
Rost, Katheryn, New York, N. Y. Dress. 117,029; Oct. 3.
Rost, Katheryn, New York, N. Y. Dress. 117,543; Nov. 7.
Rost, Katheryn, New York, N. Y. Dress. 117,544; Nov. 7.
Rost, Katheryn, New York, N. Y. Dress. 117,650; Nov. 14.
Rost, Katheryn, New York, N. Y. Dress. 117,993; Dec. 5.
Rost, Katheryn, New York, N. Y. Dress. 118,095; Dec. 12.
Rost, Katheryn, New York, N. Y. Dress. 118,096; Dec. 12.
Rost, Katheryn, New York, N. Y. Dress. 118,102; Dec. 12.
Roth, Andrew W., Harrison, assignor to Roth-Getzoff & Company, New York, N. Y. Woven textile fabric. 118,055; Dec. 12.
Roth, Andrew W., Harrison, assignor to Roth-Getzoff & Company, New York, N. Y. Woven textile fabric. 118,056; Dec. 12.
Roth, Andrew W., assignor to Roth-Getzoff & Company, New York, N. Y. Woven textile fabric. 118,266; Dec. 26.
Roth, Andrew W., assignor to Roth-Getzoff & Company, New York, N. Y. Woven textile fabric. 118,267; Dec. 26.
Roth, Bernard S., St. Louis, Mo. Dress. 116,415; Aug. 29.
Roth, Charles H., Jr. (See Steiner, O., and Roth.)
Roth, Emanuel, Co. (See Lehmann, Kurt, assignor.)
Roth-Getzoff & Company. (See Roth, Andrew W., assignor.)
Roth, Isadore, St. Louis, Mo. Dress. 113,821; Mar. 14.
Roth, Isadore, St. Louis, Mo. Dress. 113,822; Mar. 14.
Roth, Isadore, St. Louis, Mo. Dress. 117,651; Nov. 14.
Roth, Jules, New York, N. Y. Dress. 115,174; June 6.
Roth, Jules, New York, N. Y. Dress. 115,175; June 6.
Roth, Jules, New York, N. Y. Dress. 115,176; June 6.
Roth, Jules, New York, N. Y. Dress. 115,183; June 6.
Roth, Jules, New York, N. Y. Dress. 115,270; June 13.
Roth, Jules, New York, N. Y. Dress. 115,271; June 13.
Rothchild, Aaron, New York, N. Y. Hat. 114,906; May 23.
Rothe, William H., Irvington, N. J. Ring mounting. 117,407; Oct. 31.
Rothenberg, Charles, New York, N. Y. Hat. 114,625; May 2.
Rothenberg, Edward, Brooklyn, N. Y. Textile fabric. 117,486; Nov. 7.
Rothermel, Harry J. (See Eickmeyer, E. E., Butler, and Rothermel.)
Rothman, Harry. (See Munson, R., Lax, and Silverstein, assignors.)
Rothstein, Dorothy, New York, N. Y. Dress. 117,321; Oct. 24.
Rovin, Edmond. (See Estel, E., Boonshaft, and Rovin.)
Rowe Manufacturing Co. (See Blazey, Lawrence, assignor.)
Roy Toy Company. (See Blanchard, Royal I., assignor.)
Royak, Louis, New York, N. Y. Protective transparent hat covering. 115,482; June 27.
Royal Paper Corporation. (See Baron, Abner, assignor.)
Royal Typewriter Company. (See Dowd, B. J., and Hart, assignors.)
Royal Typewriter Company. (See Dreyfuss, Henry, assignor.)
Rubel, Bernard, New York, N. Y. Rubber heel. 113,767; Mar. 14.
Rubenberg, Dan, assignor to Rubenberg Silk Company, Inc., New York, N. Y. Embroidered textile fabric or similar article. 115,079; May 30.
Rubenberg, Dan, assignor to Rubenberg Silk Company, Inc., New York, N. Y. Embroidered textile fabric or similar article. 115,080; May 30.
Rubenberg, Dan, assignor to Rubenberg Silk Company, Inc., New York, N. Y. Embroidered textile fabric or similar article. 115,081; May 30.
Rubenberg Silk Company. (See Rubenberg, Dan, assignor.)
Rubenstein, Helena, Inc. (See Kane, Martine, assignor.)
Rubenstein, Louis M., New York, N. Y. Handbag. 118,321; Dec. 26.
Rubin, Herbert, Brooklyn, N. Y. Bottle. 116,498; Sept. 5.
Rubin, Jack, New York, N. Y. Textile fabric. 115,082; May 30.
Rubin, Jack, New York, N. Y. Textile fabric. 115,083; May 30.
Rubin, Jack, New York, N. Y. Textile fabric. 115,084; May 30.
Rubin, Jack, New York, N. Y. Textile fabric. 115,272; June 13.
Rubin, Jack, New York, N. Y. Textile fabric. 115,273; June 13.
Rubin, Jack, New York, N. Y. Textile fabric. 115,274; June 13.
Rubin, Jack, New York, N. Y. Textile fabric. 115,275; June 13.
Rubin, Jack, New York, N. Y. Textile fabric. 115,276; June 13.
Rubin, Jack, New York, N. Y. Textile fabric. 115,581; July 4.
Rubin, Jack, New York, N. Y. Textile fabric. 117,151; Oct. 17.
Rubin, Milton H., New York, N. Y. Textile fabric. 114,867; May 16.
Rubin, Milton H., New York, N. Y. Textile fabric. 114,868; May 16.
Rubin, Milton H., New York, N. Y. Textile fabric. 114,869; May 16.
Rubin, Samuel, New York, N. Y. Combination bottle and cap. 112,950; Jan. 17.
Rubino, Ralph, New York, N. Y. Napkin. 115,377; June 20.
Rubner, Gustave, Tuckahoe, N. Y. Tinsel appliqued fabric. 116,627; Sept. 12.
Rubner, Gustave, Tuckahoe, N. Y. Tinsel appliqued fabric. 116,628; Sept. 12.
Rubner, Gustave, Tuckahoe, N. Y. Tinsel appliqued fabric. 116,629; Sept. 12.
Rubner, Gustave, Tuckahoe, N. Y. Tinsel appliqued fabric. 116,630; Sept. 12.
Rubner, Gustave, Tuckahoe, N. Y. Tinsel appliqued fabric. 116,631; Sept. 12.
Rubner, Gustave, Tuckahoe, N. Y. Tinsel appliqued fabric. 116,632; Sept. 12.
Rubner, Gustave, Tuckahoe, N. Y. Tinsel appliqued fabric. 116,633; Sept. 12.
Ruchman, Albert, New York, N. Y. Dress. 113,189; Jan. 31.
Ruchman, Albert, New York, N. Y. Dress. 113,190; Jan. 31.
Ruchman, Albert, New York, N. Y. Dress. 113,288; Feb. 7.
Ruchman, Albert, New York, N. Y. Dress. 113,289; Feb. 7.
Ruchman, Albert, New York, N. Y. Dress. 113,823; Mar. 14.
Ruchman, Albert, New York, N. Y. Dress. 113,916; Mar. 21.
Ruchman, Albert, New York, N. Y. Dress. 113,917; Mar. 21.
Ruchman, Albert, New York, N. Y. Dress. 113,918; Mar. 21.
Ruchman, Albert, New York, N. Y. Dress. 113,919; Mar. 21.
Ruchman, Albert, New York, N. Y. Dress. 113,920; Mar. 21.
Ruchman, Albert, New York, N. Y. Dress. 114,498; Apr. 25.
Ruchman, Albert, New York, N. Y. Dress. 115,825; July 18.
Ruchman, Albert, New York, N. Y. Dress. 116,125; Aug. 8.
Ruchman, Albert, New York, N. Y. Dress. 117,030; Oct. 3.
Ruchman, Samuel, New York, N. Y. Dress. 116,766; Sept. 19.
Ruchman, Samuel, New York, N. Y. Dress. 117,652; Nov. 14.
Ruchman, Samuel, New York, N. Y. Dress. 117,653; Nov. 14.
Rudic, Julia, Philadelphia, Pa. Stocking or similar article. 117,152; Oct. 17.
Rudie, Julius, St. James, Minn. Casing for a label cutting machine. 113,352; Feb. 14.

Rudolph Wurlitzer Company, The. (See Zaiser, William, assignor.)
Ruger, Harry C., New York, N. Y. Watch. 116,938; Oct. 3.
Runnels, Garland D., Seattle, Wash. Toilet case. 116,613; Sept. 12.
Runstein, Aaron, Jersey City, N. J. Slipper. 116,724; Sept. 19.
Ruopp, George F., Marshalltown, Iowa. Combined temperature and altitude gauge for steam boilers. 116,698; Sept. 19.
Ruskin, Mabel C., Abingdon, Va. Cup or the like. 113,017; Jan. 24.
Russakor Can Company. (See Panzer, William C., assignor.)
Russakov, Jacob I., Chicago, Ill. Smoker's ash stand. 113,336; Feb. 14.
Russakov, Jacob I., Chicago, Ill. Smoker's ash stand. 113,768; Mar. 14.
Russell, Linus E. (See Peters, G. E., and Russell.)
Russell, Linus E., Springfield, Ohio. Exhaust pipe extension. 112,848; Jan. 3.
Russell, Linus E., Springfield, Ohio. Pneumatic pump housing. 114,561; May 2.
Russell, Linus E., assignor to Peters and Russell, Inc., Springfield, Ohio. Pneumatic pump frame. 115,798; July 18.
Russell, Linus E., assignor to Peters and Russell, Inc., Springfield, Ohio. Exhaust pipe extension. 116,299; Aug. 22.
Russell, Linus E., assignor to Peters and Russell, Inc., Springfield, Ohio. Exhaust pipe extension. 116,300; Aug. 22.
Russell, Linus E., assignor to Peters and Russell, Inc., Springfield, Ohio. Exhaust pipe extension. 116,301; Aug. 22.
Russell, Manilla Z., New York, N. Y. Dress. 115,898; July 25.
Russell, William J., and D. L. Hadley, Mansfield, Ohio, assignors to Westinghouse Electric & Manufacturing Company. Electric range. 113,290; Feb. 7.
Russell, William J., and M. C. Yerigan, Mansfield, Ohio, assignors to Westinghouse Electric & Manufacturing Company. Combined table cooking stove and support. 116,807; Sept. 26.
Rusting, Frank J., Oakland, Calif. Condiment shaker. 114,562; May 2.
Ruth, George M., Short Hills, N. J. Textile fabric. 114,251; Apr. 11.
Rutten, Peter, Plainfield, Ill. Silo lug. 117,960; Dec. 5.
Ruttner, David, Binghamton, N. Y. Vehicle body. 116,544; Sept. 5.
Ryan, Edmund C., Mansfield, Ohio. Electric contact device. 114,239; Apr. 11.
Ryan, Owen W., New York, N. Y. Game counter. 116,325; Aug. 22.
Saaf, Dirk G., assignor to Goodrich Electric Company, Chicago, Ill. Reflector. 116,725; Sept. 19.
Sabel, Isadore, West Philadelphia, Pa., and L. S. Macdonald, Brockton, Mass. Shoe. 113,353; Feb. 14.
Sackner Bag Company. (See Millett, John E., assignor.)
Sacksteder, Overton, Jr., Muncie, Ind. Lamp shade. 117,075; Oct. 10.
Sacksteder, Overton, Jr., Muncie, Ind. Lamp shade. 117,911; Dec. 5.
Sadinoff, Max, New York, N. Y. Curtain or similar article. 116,751; Sept. 19.
Sadinoff, Max, New York, N. Y. Textile fabric for draperies. 116,832; Sept. 26.
Sadtler, Helena S., Chestnut Hill, Pa. Smocked textile fabric or similar article. 113,210; Jan. 31.
Safway Steel Scaffolds Co. of Wisconsin, The. (See Norton, Roy M., assignor.)
Safway Steel Scaffolds Co. of Wisconsin, The. (See Uecker, R., Beatty, and Rambo, assignors.)
Sager, Abraham, Chicago, Ill. Finger ring. 115,510; July 4.
Sailors, James C., Jasper, Ala. Fishhook. 112,791; Jan. 3.
St. Charles Manufacturing Co. (See Pellegrin, E. D., and Welham, assignors.)
Sakier, George, New York, N. Y., assignor to Fostoria Glass Company, Moundsville, W. Va. Goblet or similar article. 115,799; July 18.
Sakier, George, New York, N. Y., assignor to Fostoria Glass Company, Moundsville, W. Va. Plate or similar article. 115,800; July 18.
Sakier, George, New York, N. Y., assignor to Fostoria Glass Company, Moundsville, W. Va. Pickle dish or similar article. 115,801; July 18.
Salee, Max, New York, N. Y. Marking paper for tailors' use. 117,076; Oct. 10.
Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Multiple envelope or similar package. 113,440; Feb. 21.
Salfisberg, Leroy L., South Orange, assignor to Ivers-Lee Company, Newark, N. J. Multiple envelope or similar package. 115,526; July 4.
Salit, Jonah, New York, N. Y. Tooth brush. 118,268; Dec. 26.
Salomon, Irving, Chicago, Ill. Chair. 113,191; Jan. 31.
Salomon, Irving, Chicago, Ill. Chair. 115,052; May 30.
Salomon, Irving, Chicago, Ill. Metal chair or similar article. 115,661; July 11.
Saltman, David J. (See Cross, Thomas M., assignor.)
Sam, Ole H., Stillwater, Minn. Alphabet or similar article. 114,967; May 23.
Sammons, Herbert F., assignor to Crane Co., Chicago, Ill. Indicating knob. 112,966; Jan. 17.
Samson-United Corporation. (See Samuels, Abe O., assignor.)
Samuels, Abe O., assignor to Samson-United Corporation, Rochester, N. Y. Frame for electric space heaters. 113,498; Feb. 28.
Samuels, Rudolph, Los Angeles, Calif., assignor to Carr-Lowrey Glass Company, Baltimore, Md. Bottle. 116,865; Sept. 26.
Sand, John, assignor to Gemex Company, Newark, N. J. Bracelet chain. 117,576; Nov. 14.
Sand, John, assignor to Gemex Company, Newark, N. J. Bracelet chain. 117,577; Nov. 14.
Sand, John, assignor to Gemex Company, Newark, N. J. Bracelet chain. 117,578; Nov. 14.
Sand, John, assignor to Gemex Company, Newark, N. J. Bracelet chain. 117,579; Nov. 14.
Sand, John, assignor to Gemex Company, Newark, N. J. Bracelet chain. 117,580; Nov. 14.
Sand, John, assignor to Gemex Company, Newark, N. J. Bracelet chain. 117,595; Nov. 14.
Sand, John, assignor to Gemex Company, Newark, N. J. Bracelet chain. 117,596; Nov. 14.
Sand, John, assignor to Gemex Company, Newark, N. J. Bracelet chain. 117,597; Nov. 14.
Sand, John, assignor to Gemex Company, Newark, N. J. Bracelet chain. 117,598; Nov. 14.
Sand, John, assignor to Gemex Company, Newark, N. J. Bracelet chain. 117,599; Nov. 14.
Sand, John, assignor to Gemex Company, Newark, N. J. Bracelet chain. 117,700; Nov. 21.
Sand, John, assignor to Gemex Company, Newark, N. J. Bracelet link. 117,701; Nov. 21.
Sanders, Altina, New York, N. Y. Spectacle frame. 113,882; Mar. 21.
Sandlas, Henry J., Jr., Randallstown, Md., assignor to May Oil Burner Corporation. Oil burner. 115,568; July 4.
Sandlas, Henry J., Jr., Randallstown, Md., assignor to May Oil Burner Corporation. Casing for boiler burner units or the like. 117,291; Oct. 24.
Sandor, Nicholas, Haymarket, London, England, assignor to Jacob S. Sherman, Chicago, Ill. Combined appointment pad and clock. 114,472; Apr. 25.
Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Soap dish or similar article. 113,997; Mar. 28.
Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Detachable towel rack or similar article. 115,856; July 25.
Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Combination soap dish and brackets. 117,487; Nov. 7.
Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Soap dish or similar article. 117,581; Nov. 14.
Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Tumbler holder or similar article. 117,582; Nov. 14.
Sanford, Roy S., assignor to The Autoyre Company, Incorporated, Oakville, Conn. Combination tumbler and tooth brush holder or similar article. 117,583; Nov. 14.
Sanitary Vending Company. (See Gabriel, William A., assignor.)
Sannar, Ray E., L. P. Tufford, and A. G. Smith, Elyria, Ohio. Rubber heel. 114,346; Apr. 18.
Sapione, James J., Port Chester, N. Y. Automobile ornament plate. 118,057; Dec. 12.
Sappington, Harry L., Jefferson City, Mo. Edible ice cream container or the like. 117,458; Nov. 7.
Sauer, Henry J., assignor to The Kilborn-Sauer Company, Fairfield, Conn. Direction signal lamp for motor vehicles. 112,965; Jan. 17.
Saunt, Violet R. (See Roseman, Zoltan, assignor.)
Savastano, Alfred, New York, N. Y. Picture frame or similar article. 116,172; Aug. 15.
Saville Perfumery Limited. (See West, David, assignor.)
Saville Perfumery Limited. (See Worssam, George S., assignor.)
Sawicki, Maryan E., Franklin, N. H. Drawer pull. 117,800; Nov. 28.
Sayre, Charles H., assignor to Trayer Products, Incorporated, Elmira, N. Y. Automotive spring shackle side link. 114,981; May 23.
Scala, Jacob, Brooklyn, N. Y. Handbag. 115,238; June 13.
Scammell China Co. (See Guildford, Frank, assignor.)
Scanlon, Edward C., Providence, assignor to C. A. McBride, East Providence, doing business as General Products Company, Providence, R. I. Combination beverage dispenser receptacle and support. 116,522; Sept. 5.
Schaefer, Otto T., Detroit, Mich. Dust mop head. 112,887; Jan. 10.
Scharf, Leon, New York, N. Y. Jacket. 117,459; Nov. 7.
Schaper, William H., Robbinsdale, Minn. Fish lure. 117,048; Oct. 10.
Scharfenberg, George T., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Handle for sadiron. 114,092; Apr. 4.

Scharfenberg, George T., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Sadiron. 114,093; Apr. 4.
Scharfenberg, George T., assignor to Chicago Flexible Shaft Company, Chicago, Ill. Electric shaver. 117,196; Oct. 17.
Scharlott, Jack, New York, N. Y. Dress. 114,738; May 9.
Scharlott, Jack, New York, N. Y. Wedding gown. 116,784; Sept. 19.
Scharlott, Jack, New York, N. Y. Wedding gown. 116,785; Sept. 19.
Scharlott, Jack, New York, N. Y. Wedding gown. 116,786; Sept. 19.
Schechtel, Harry, Denver, Colo. Air conditioner. 116,381; Aug. 29.
Schellin, John C., J. M. Love, and E. J. Housekeeper, assignors to Akron Brass Manufacturing Company, Inc., Wooster, Ohio. Signal lamp. 117,197; Oct. 17.
Schenley Distillers Corporation. (See De Nero, John, assignor.)
Schenley Distillers Corporation. (See Jacobi, Lester E., assignor.)
Schenley Distillers Corporation. (See Jensen, William A., assignor.)
Schenley Distillers Corporation. (See Schuellein, Edward J., assignor.)
Schenley Import Corporation. (See Wile, Oscar J., assignor.)
Schepps, Nellie M., Darien, Conn. Bird cage. 115,427; June 27.
Schetagne, Eva, New York, N. Y. Dress. 117,654; Nov. 14.
Scheuer, Samuel, New York, N. Y. Hat. 113,366; Feb. 14.
Scheuer, Samuel, New York, N. Y. Hat. 114,252; Apr. 11.
Schiaparelli, Elsa, assignor to Societe Des Parfums Schiaparellis (Societe Anonyme), Paris, France. Perfume bottle. 116,055; Aug. 8.
Schiaparelli, Elsa, assignor to Societe des Parfums Schiaparelli (Societe Anonyme), Paris, France. Compact holder. 116,726; Sept. 19.
Schiff, Henry T., Chicago, Ill. Camera. 113,239; Feb. 7.
Schiff, Henry T., Chicago, Ill. Shaving implement. 114,144; Apr. 4.
Schiff, Henry T., Chicago, Ill. Camera. 117,677; Nov. 21.
Schiffmann, Robert P., Chicago, Ill. Game board. 113,883; Mar. 21.
Schiller, Ralph, New York, N. Y. Slip. 113,573; Feb. 28.
Schilling, Arthur O., Rochester, N. Y., assignor to The Seventh Worlds Poultry Congress and Exposition, Cleveland, Ohio. Display placard or the like. 115,941; Aug. 1.
Schlappritzi, Edward W., Minneapolis, Minn. Seat spring unit. 117,322; Oct. 24.
Schlenker, Max, Peru, Ill., assignor to General Time Instruments Corporation, New York, N. Y. Clock casing. 113,120; Jan. 31.
Schlenker, Max, Peru, Ill., assignor to General Time Instruments Corporation, New York, N. Y. Clock casing. 117,912; Dec. 5.
Schlessel, Philip, New York, N. Y. Dress ensemble. 113,291; Feb. 7.
Schlessel, Philip, New York, N. Y. Dress. 116,118; Aug. 8.
Schlessel, Philip, New York, N. Y. Dress. 116,808; Sept. 26.
Schlessel, Philip, New York, N. Y. Dress. 117,434; Oct. 31.
Schlessel, Philip, New York, N. Y. Dress ensemble. 117,435; Oct. 31.
Schlessinger, Ludwig S., New York, N. Y. Handbag. 114,968; May 23.
Schlicker, Herman C., Brooklyn, assignor to Rollocurl Corporation, New York, N. Y. Combined comb and curler. 118,058; Dec. 12.
Schlitz, Jos., Brewing Company. (See Rosenak, Theodore, assignor.)
Schlup, Emil J., Terre Haute, Ind. Combined seat and cabinet. 112,864; Jan. 10.
Schmerler, Charles, New York, N. Y. Dress. 118,352; Dec. 26.
Schmerler, Charles, New York, N. Y. Dress. 118,353; Dec. 26.
Schmerler, Charles, New York, N. Y. Dress. 118,354; Dec. 26.
Schmid, Albert P. (See Kranz, P., and Schmid.)
Schmidt, Edward P., Milwaukee, assignor to Racine Shoe Manufacturing Company, Racine, Wis. Shoe or similar article. 112,792; Jan. 3.
Schmidt, Ferdinand W. (See Greenfield, Irving, assignor.)
Schmidt, Louis F., assignor to Norton Lazier Company, Chicago, Ill. Casing for door closing and checking or similar article. 114,824; May 16.
Schmidt, Louis F., assignor to Norton Lazier Company, Chicago, Ill. Casing for door closing and checking device or similar article. 114,825; May 16.
Schmidt, Louis F., assignor to Norton Lazier Company, Chicago, Ill. Casing for door closing and checking device or similar article. 114,826; May 16.
Schmidt, Louis F., assignor to Norton Lazier Company, Chicago, Ill. Casing for door closing and checking device or similar article. 114,827; May 16.
Schmidt, Louis F., assignor to Norton Lazier Company, Chicago, Ill. Casing for door closing and checking device or similar article. 114,828; May 16.
Schmidt, Louis F., assignor to Norton Lazier Company, Chicago, Ill. Casing for door closing and checking device or similar article. 114,829; May 16.
Schmidt, Louis F., assignor to Norton Lazier Company, Chicago, Ill. Casing for door closing and checking device or similar article. 114,830; May 16.
Schmidt, Louis F., assignor to Norton Lazier Company, Chicago, Ill. Casing for door closing and checking device or similar article. 114,831; May 16.
Schmidt, Louis F., assignor to Norton Lazier Company, Chicago, Ill. Casing for door closing and checking device or similar article. 114,832; May 16.
Schmidt, Louis F., assignor to Norton Lazier Company, Chicago, Ill. Casing for door closing and checking device or similar article. 114,833; May 16.
Schmidt, Louis F. and R. T., assignors to Miss O'Mist Products, Inc., Chicago, Ill. Vaporizing machine. 114,473; Apr. 25.
Schmidt, Omar J., Fox Lake, Wis. Combined canopy for a hammock and supporting pillars therefor. 112,793; Jan. 3.
Schmidt, Rheinhold T. (See Schmidt, Louis F. and R. T.)
Schmidt, Richard E., Philadelphia, Pa., assignor of forty percent to H. W. Cullen, Catonsville, Md., and thirty percent to W. E. Smith, Westchester, N. Y. Carburetor. 115,428; June 27.
Schmidt, William, Jr., Newark, N. J. Coffeepot or similar article. 113,441; Feb. 21.
Schmitt, William A., Rutherford, N. J. Combined cap and can. 112,967; Jan. 17.
Schneider, Frank H., assignor to The Floyd-Wells Company, Royersford, Pa. Stove. 115,569; July 4.
Schneider, John J., Buffalo, N. Y. Device for teaching golf. 117,600; Nov. 14.
Schneider, Louis J., Chicago, Ill. Sign supporting bracket. 117,501; Nov. 7.
Schneider, Matthew W., Chicago, Ill. Dental furnace or similar article. 115,132; June 6.
Schnitzer, Louis M., New York, N. Y. Metal tray. 116,243; Aug. 22.
Schoebel, Henry, West Hempstead, assignor to Model Brassiere Corp., Brooklyn, N. Y. Brassière. 114,413; Apr. 18.
Schoen, Elizabeth, New York, N. Y. Hat. 113,696; Mar. 7.
Schoen, Elizabeth, New York, N. Y. Hat. 113,921; Mar. 21.
Schoen, Rhoda, New York, N. Y. Dress. 113,292; Feb. 7.
Schoenberger, W. J., Company, The. (See Jaros, Lawrence, assignor.)
Schofield, Earl L., assignor to Henney Motor Company, Freeport, Ill. Hearse body. 117,702; Nov. 21.
Scholes, Howard S., West Barrington, R. I. Display box. 116,145; Aug. 15.
Scholle, Charles F., Larchmont, N. Y. Oilcloth or similar article. 116,833; Sept. 26.
Scholle, Charles F., Larchmont, assignor to Standard Coated Products Corporation, New York, N. Y. Oilcloth or similar article. 117,502; Nov. 7.
Schollhorn, Wm., Company, The. (See Heise, Arthur R., assignor.)
Schonberg, Alfred W., Minneapolis, Minn. Motor vehicle bumper. 117,505; Nov. 7.
Schopbach, Charles H., and M. Laguzzi, assignors to International Corset Company, Aurora, Ill. Corset 113,684; Mar. 7.
Schopbach, Charles H., and M. Laguzzi, assignors to International Corset Company, Aurora, Ill. Foundation garment. 113,685; Mar. 7.
Schor, Mary G., New York, N. Y. Dress. 116,435; Aug. 29.
Schrader, J., Company, The. (See Gagnon, Lawrence J., assignor.)
Schram, John S., Columbus, Ohio. Wall mounted eyeglass holder. 113,402; Feb. 21.
Schrenker, Henry, Elwood, Ind. Fish bait. 117,292; Oct. 24.
Schuellein, Edward J., assignor to Schenley Distillers Corporation, New York, N. Y. Bottle. 116,352; Aug. 29.
Schuhmann, Richard L. (See Adams, D. W., and Schuhmann.)
Schulgasser, Milton, assignor to National Silver Company, New York, N. Y. Spoon or similar article. 115,632; July 11.
Schulgasser, Milton, assignor, by mesne assignments, to National Silver Company, New York, N. Y. Spoon or similar article. 116,146; Aug. 15.
Schulgasser, Milton, assignor, by mesne assignments, to National Silver Company, New York, N. Y. Spoon or similar article. 116,147; Aug. 15.
Schulgasser, Milton, assignor, by mesne assignments, to National Silver Company, New York, N. Y. Spoon or similar article. 116,148; Aug. 15.
Schulgasser, Milton, assignor to National Silver Company, New York, N. Y. Spoon or similar article. 116,834; Sept. 26.

Schulgasser, Milton, assignor to National Silver Company, New York, N. Y. Fork or similar article. 116,835; Sept. 26.
Schultz, Edward, assignor to The Nagel-Chase Mfg. Co., Chicago, Ill. Smoking stand. 114,769; May 16.
Schultz, Henry, New York, N. Y. Dress. 113,192; Jan. 31.
Schultz, Joseph S., Jersey City, N. J. Slipper. 112,794; Jan. 3.
Schultz, Joseph S., Jersey City, N. J. Shoe. 113,077; Jan. 24.
Schultz, Victor J., Chicago, Ill. Ornament for graves. 118,025; Dec. 12.
Schumann, Otto A., Houston, Tex. Tellurian. 114,648; May 9.
Schutz, Thomas A., Chicago, Ill., assignor to Parke, Davis & Company, Detroit, Mich. Counter display case. 116,577; Sept. 12.
Schutz, Thomas A., Chicago, Ill., assignor to Parke, Davis & Company, Detroit, Mich. Counter display case. 117,293; Oct. 24.
Schwartz, Anna, New York, N. Y. Dress ensemble. 113,481; Feb. 21.
Schwartz, Anna, New York, N. Y. Dress ensemble. 113,686; Mar. 7.
Schwartz, Anna H., New York, N. Y. Dress ensemble. 114,044; Mar. 28.
Schwartz, Anna H., New York, N. Y. Dress ensemble. 114,145; Apr. 4.
Schwartz, David, New York, N. Y. Dress. 114,045; Mar. 28.
Schwartz, Fred, New York, N. Y. Coat. 115,589; July 4.
Schwartz, Fred, New York, N. Y. Coat. 115,590; July 4.
Schwartz, Gustaf, assignor to Certified Burglar Alarm Systems, Inc., Chicago, Ill. Bell housing for electrically operated alarms. 115,239; June 13.
Schwartz, Josephine, New York, N. Y. Dress. 118,103; Dec. 12.
Schwartz, Max, New York, N. Y. Combined bottle and display holder therefor. 113,240; Feb. 7.
Schwartz, Morris, New York, N. Y. Dress. 117,031; Oct. 3.
Schwartz, Nan R., New York, N. Y. Dress. 116,889; Sept. 26.
Schwartz, Nan R., New York, N. Y. Dress. 116,890; Sept. 26.
Schwartz, Otto, St. Louis, Mo. Shoe. 113,574; Feb. 28.
Schwartz, Samuel M., Paterson, N. J. Textile fabric. 117,760; Nov. 21.
Schwartz, Walter, New York, assignor to New York Progressive Wood Heel Corporation, Brooklyn, N. Y. Heel. 113,018; Jan. 24.
Schwarz, Eugene, Alexandria, Ind., assignor to The Mantle Lamp Company of America, Chicago, Ill. Heat insulated jug. 117,621; Nov. 14.
Schwarz, Gustav, Northbrook, Ill. Massage device. 117,337; Oct. 24.
Schwenk, Earl B. (See Minser, William D., assignor.)
Schwinn, Frank W., Chicago, Ill. Bicycle. 115,942; Aug. 1.
Scofield, Theodore J., assignor to Sparks-Withington Company, Jackson, Mich. Combined visual and audible alarm. 114,724; May 9.
Scofield, Theodore J., assignor to The Sparks-Withington Company, Jackson, Mich. Puch button switch. 115,857; July 25.
Scott, Alexander A., Jr., Knoxville, Tenn., assignor to The Patent Button Company, Waterbury, Conn Button. 114,347; Apr. 18.
Scott, Alexander A., Jr., Knoxville, Tenn., assignor to The Patent Button Company, Waterbury, Conn. Button. 114,348; Apr. 18.
Scott, Augusta L., Brooklyn, N. Y. Combined dial and hands for a watch or similar article. 118,026; Dec. 12.
Scott, Marvin R., Elizabeth, N. J., assignor to Oxweld Acetylene Company. Multiple flame welding tip. 115,858; July 15.
Scovill Manufacturing Company. (See Barnes, J. F., and Reinecke, assignors.)
Scovill Manufacturing Company. (See Hoffman, A. C., and Reutter, assignors.)
Scovill Manufacturing Company. (See Kent, E. S., and Westfall, assignors.)
Scovill Manufacturing Company. (See Seyfried, Arthur W., assignor.)
Scrimgeour, William, assignor to William Scrimgeour, Engineer and Contractor, Washington, D. C. Kitchen spoon or similar article. 115,570; July 4.
Scrimgeour, William, Engineer and Contractor. (See Scrimgeour, William, assignor.)
Scudder, Eliot R., Braintree, assignor to Jarvis & Jarvis, Inc., Palmer, Mass. Chambermaid's truck. 115,352; June 20.
Scudder, Eliot R., Braintree, assignor to Jarvis & Jarvis, Inc., Palmer, Mass. Library truck. 115,527; July 4.
Seamless Rubber Company, The. (See Madsen, Paul S. assignor.)
Seamon, Louis, Brooklyn, N. Y. Billfold. 116,965; Oct. 3.
Searcy, Charles. (See Allen, Reginald B., assignor.)
Sears, Roebuck and Co. (See Bourke, Robert E., Jr., assignor.)
Sears, Roebuck and Co. (See Karstadt, Clarence, assignor.)
Sears, Roebuck and Co. (See Loewy, Raymond, assignor.)
Sears, Roebuck and Co. (See Morgan, John R., assignor.)
Sears Roebuck and Co. (See Radtke, Adelbert C., assignor.)
Security Manufacturing and Contracting Company. (See Bienemann, Raymond D., assignor.)
Security Steel Equipment Corporation. (See Haag, Theodore T., assignor.)
Sedlon, Vincent J., and E. W. Pierie, Cleveland, Ohio. Faucet. 114,200; Apr. 11.
Seeburg, J. P., Corporation. (See Roberts, Henry T., assignor.)
Seeburg, J. P., Corporation. (See Vose, Walter F., assignor.)
Seelbach, Kurt L., Cleveland, Ohio. Steam cooker. 117,113; Oct. 10.
Seeman Brothers. (See Smith, Frasier, assignor.)
Seiler, Herman, Chicago, Ill. Door knocker. 113,884; Mar. 21.
Self, Edgar A., Bronxville, assignor to Cordley & Hayes, New York, N. Y. Water cooler cabinet. 114,689; May 9.
Sell, Henry B., assignor to Vitamins Plus, Inc., New York, N. Y. Scarf. 113,482; Feb. 21.
Selverstone, Agnes S., Brooklyn, assignor to I. B. Kleinert Rubber Company, New York, N. Y. Textile fabric. 114,253; Apr. 11.
Selverstone, Agnes A., Brooklyn, assignor to I. B. Kleinert Rubber Company, New York, N. Y. Textile fabric. 116,416; Aug. 29.
Seminole Flavor Company. (See Krick, Leonard B., assignor.)
Senkewitz, Charles F., Dearborn, Mich. Paring knife. 114,474; Apr. 25.
Sessions Clock Company, The. (See Simmons, Charles B., assignor.)
Settell, Ansel R., Bloomfield, Nebr. Dental demonstration model. 114,512; Apr. 25.
Seventh Worlds Poultry Congress and Exposition, The. (See Schilling, Arthur O., assignor.)
Seventh Worlds Poultry Congress and Exposition, The. (See Thoresen, George A., assignor.)
Seversky Aircraft Corporation. See de Seversky, Alexander P., assignor.)
Seward, Emory A., Chicago, Ill. Wall switch plate. 118,174; Dec. 19.
Seward, Emory A., Chicago, Ill. Wall switch plate. 118,175; Dec. 19.
Seward, Emory A., Chicago, Ill. Wall switch plate. 118,176; Dec. 19.
Seward, Emory A., Chicago, Ill. Wall switch plate. 118,177; Dec. 19.
Seward, Emory A., Chicago, Ill. Wall switch plate. 118,178; Dec. 19.
Seward, Emory A., Chicago, Ill. Wall switch plate. 118,179; Dec. 19.
Seyfried, Arthur W., Racine, Wis., assignor to Scovill Manufacturing Company, Waterbury, Conn. Drink mixer agitator. 118,249; Dec. 26.
Shaer, Davd, Manchester, N. H. Shoe or similar article. 113,769; Mar. 14.
Shafer, Eugene W., San Mateo, assignor to Ralph N. Brodie Company, Oakland, Calif. Casing for a fluid meter counter or similar article. 113,794; Mar. 14.
Shaffer, Harry, New York, N. Y. Nightgown or similar article. 114,310; Apr. 11.
Shalkhauser, Carl G., Waverly, Iowa. Game board. 113,575; Feb. 28.
Shanklin Manufacturing Company. (See Horsley, James H., assignor.)
Shannon, Jesse M., Chicago, Ill. Artificial bait. 117,198; Oct. 17.
Shannon, David B., Allendale, N. J., assignor to Eagle Pencil Company, New York, N. Y. Combined eraser and pencil tip. 113,977; Mar. 28.
Shanzer, Max, New York, N. Y. Slipper. 114,124; Apr. 4.
Shapiro, Abraham, assignor to Universal Stamping & Mfg. Co., Chicago, Ill. Sound on film motion picture projector. 114,272; Apr. 11.
Shapiro, Benjamin, New York, N. Y. Dress. 115,483; June 27.
Shapiro, Benjamin, New York, N. Y. Dress. 116,126; Aug. 8.
Shapiro, Benjamin, New York, N. Y. Dress. 116,671; Sept. 12.
Shapiro, Charles, New York, N. Y. Coat. 115,591; July 4.
Shapiro, Charles, New York, N. Y. Coat. 115,592; July 4.
Shapiro, David. (See Kirk, Edward B., assignor.)
Shapiro, Herbert R., New York, N. Y. Textile fabric. 117,872; Nov. 28.
Shapiro, Jules C., Pelham Manor, N. Y. Textile fabric. 113,293; Feb. 7.
Shapiro, Jules C., Pelham Manor, N. Y. Textile fabric. 114,046; Mar. 28.
Shapiro, Murray J., New York, N. Y. Wedding gown. 114,414; Apr. 18.
Shapiro, Murray J., New York, N. Y. Wedding gown. 114,602; May 2.
Shapiro, Murray J., New York, N. Y. Wedding gown. 114,799; May 16.

Shapiro, Murray J., New York, N. Y. Wedding gown. 114,907; May 23.
Shapiro, Murray J., New York, N. Y. Wedding gown. 115,008; May 30.
Shapiro, Murray J., New York, N. Y. Dress. 116,523; Sept. 5.
Shapiro, Murray J., New York, N. Y. Dress. 117,199; Oct. 17.
Shapiro, Murray J., New York, N. Y. Dress. 117,338; Oct. 24.
Shapiro, Solomon H., New York, N. Y. Combined advertising sign and clock. 118,145; Dec. 19.
Sharlitt, Herbert V., and P. J. Arnoff, Cleveland, Ohio. Transparent food receptacle. 116,149; Aug. 15.
Sharlitt, Herbert V., and P. J. Arnoff, Cleveland, Ohio. Transparent food receptacle. 116,150; Aug. 15.
Sharp, John H., Ottumwa, Iowa. Game board. 117,294; Oct. 24.
Shatt, Daniel, New York, N. Y. Combination desk unit. 116,382; Aug. 29.
Shaw, Dugald A., Canton, Ohio, assignor to The United States Air Compressor Company. Lubricator casing. 115,053; May 30.
Shaw, John N., Seattle, Wash. Coffee urn. 117,703; Nov. 21.
Shaw, Imogene C., Reynoldsburg, Ohio. Hose supporter. 113,078; Jan. 24.
Sheaffer, W. A., Pen Company. (See Fish, Ned D., assignor.)
Sheaffer, W. A., Pen Company. (See Holt, George C., assignor.)
Sheaffer, W. A., Pen Company. (See Holt, G. C., and Fish, assignors.)
Sheer, Ben, New York, N. Y. Dress. 118,217; Dec. 19.
Sheer, Harry, assignor to City Novelty Corporation, New York, N. Y. Linked chain. 116,484; Sept. 5.
Shell, Elizabeth, Festus, Mo. Dress. 113,947; Mar. 21.
Shelton, Hannah C., New York, N. Y. Dress. 113,193; Jan. 31.
Shelton, Hannah C., New York, N. Y. Dress ensemble. 113,948; Mar. 21.
Shelton, Hannah C., New York, N. Y. Dress ensemble. 113,949; Mar. 21.
Shelton, Hannah C., New York, N. Y. Dress. 113,950; Mar. 21.
Shelton, Hannah C., New York, N. Y. Dress. 113,951; Mar. 21.
Shelton, Hannah C., New York, N. Y. Dress. 114,430; Apr. 18.
Shelton, Hannah C., New York, N. Y. Dress. 114,431; Apr. 18.
Shelton, James W., et al. (See Walkley, James M., assignor.)
Shelton, Lee A., Des Moines, Iowa. Display rack. 116,383; Aug. 29.
Sherman, Abraham, New York, N. Y. Coat. 113,468; Feb. 21.
Sherman, Alvin G., Grosse Pointe, assignor to Sherman-Jackson-Roose Company, Detroit, Mich. Combined burner and grate. 113,770; Mar. 14.
Sherman, Charles Q. (See Martial, Jacques, assignor.)
Sherman, Florence A., New York, N. Y. Doll. 117,880; Nov. 28.
Sherman, Florence A., New York, N. Y. Doll. 117,881; Nov. 28.
Sherman-Jackson-Roose Company. (See Sherman, Alvin G., assignor.)
Sherman, Jacob S. (See Sandor, Nicholas, assignor.)
Sherman, Jacob S., Chicago, Ill. Combined scratch pad and pencil holder. 118,291; Dec. 26.
Sherman, Jacob S., Chicago, Ill. Desk clock. 118,292; Dec. 26.
Sherman, William N. (See Hazelwood, F. P., Sherman, and Wheeler.)
Shernov, Albert, New York, N. Y. Composite character sign. 118,059; Dec. 12.
Sherwin-Williams Company, The. (See Manchester, W. S., and Hathaway, assignors.)
Shields, Lowell W., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Character bearing holder for necktie holders or the like. 114,580; May 2.
Shillaber, William R., New York, N. Y. Combined watch and compass. 115,072; May 30.
Shirk, Paul T., Lebanon, Pa. Flower holder. 116,056; Aug. 8.
Shoe Form Co. (See De Witt, William J., assignor.)
Sholtz, David, Miami, Fla., assignor, by mesne assignments, to Thompson's Limited, New York, N. Y. Pocket medicine container. 113,687; Mar. 7.
Sholtz, Leo, New York, N. Y. Shoe or similar article. 115,633; July 11.
Sholtz, Leo, New York, N. Y. Shoe or similar article. 115,634; July 11.
Sholtz, Leo, New York, N. Y. Shoe heel or similar article. 115,635; July 11.
Sholtz, Leo, New York, N. Y. Shoe or similar article. 117,936; Dec. 5.
Sholtz, Leo, New York, N. Y. Shoe or similar article. 117,937; Dec. 5.
Sholtz, Leo, New York, N. Y. Shoe or similar article. 117,938; Dec. 5.
Sholtz, Leo, New York, N. Y. Shoe or similar article. 117,939; Dec. 5.
Sholtz, Leo, New York, N. Y. Shoe or similar article. 117,961; Dec. 5.
Sholtz, Leo, New York, N. Y. Shoe or similar article. 117,962; Dec. 5.
Sholtz, Leo, New York, N. Y. Shoe or similar article. 117,963; Dec. 5.
Short, Bessie L., Ames, Iowa. Combined tooth brush and powder holder. 115,133; June 6.
Showerway Company, The. (See Ebling, Paul, assignor.)
Shull, Harry, New York, N. Y. Dress. 116,208; Aug. 15.
Shull, Harry, New York, N. Y. Dress. 116,485; Sept. 5.
Shull, Harry, New York, N. Y. Dress ensemble. 116,486; Sept. 5.
Shull, Harry, New York, N. Y. Dress. 116,524; Sept. 5.
Shull, Harry, New York, N. Y. Dress. 116,966; Oct. 3.
Shull, Harry, New York, N. Y. Dress. 116,994; Oct. 3.
Shull, Harry, New York, N. Y. Dress ensemble. 117,488; Nov. 7.
Shull, Harry, New York, N. Y. Dress ensemble. 117,503; Nov. 7.
Shurcliff, Sarah P., New York, N. Y., assignor to Heywood Wakefield Company, Gardner, Mass. Bedstead. 116,244; Aug. 22.
Shurcliff, Sarah P., New York, N. Y., assignor to Heywood-Wakefield Company, Gardner, Mass. Chest. 116,245; Aug. 22.
Siegel, David, Commack, N. Y. Knitted fabric. 113,612; Feb. 28.
Siegel, Eugene, assignor to American Lady Corset Co. Inc., Detroit, Mich. Girdle. 114,770; May 16.
Siegel, Jacob, New York, N. Y. Dress. 117,655; Nov. 14.
Siegel, Sidney, New York, N. Y. Dress. 117,234; Oct. 17.
Siegler, Eugene G. and R. J., Marion County, Ill. Heater or similar article. 113,442; Feb. 21.
Siegler, Eugene G. and R. J., Marion County, Ill. Heater or similar article. 116,384; Aug. 29.
Siegler, Raymond J. (See Siegler, Eugene G. and R. J.)
Siemund, Herman, assignor to Greenview Manufacturing Company, Chicago, Ill. Combined glass scraper and guard therefor or similar article. 114,254; Apr. 11.
Sierad, Albert E., Larchmont, assignor to George W. Button Corporation, New York, N. Y. Perfume container. 116,921; Oct. 3.
Sight Light Corporation, The. (See Doane, Leroy C., assignor.)
Signal Service Corporation. (See Haggart, John C., Jr., assignor.)
Sigoda, Mark, Laurelton, Long Island, N. Y. Textile fabric or similar article. 116,385; Aug. 29.
Sigoda, Mark, Laurelton, Long Island, N. Y. Textile fabric or similar article. 116,386; Aug. 29.
Sigoda, Mark, Laurelton, Long Island, N. Y. Textile fabric or similar article. 116,387; Aug. 29.
Sigoda, Mark, Laurelton, Long Island, N. Y. Textile fabric or similar article. 116,388; Aug. 29.
Sigoda, Victor J., Brooklyn, assignor to Man-Sew Pinking Attachment Corp., New York, N. Y. Pinking machine. 113,050; Jan. 24.
Silex Company, The. (See Wolcott, Frank E., assignor.)
Silverman, Charles, Providence, R. I. Monogrammed necktie fastener or similar article. 116,275; Aug. 22.
Silverman, Jacob A., New York, N. Y. Coat. 115,085; May 30.
Silverman, Jacob A., Brooklyn, N. Y. Coat. 115,593; July 4.
Silverman, Jacob A., Brooklyn, N. Y. Fur collar. 116,057; Aug. 8.
Silverman, Jacob A., Brooklyn, N. Y. Coat. 116,891; Sept. 26.
Silverman, Jacob A., Brooklyn, N. Y. Suit. 116,614; Sept. 12.
Silverman, Jacob A., Brooklyn, N. Y. Coat. 116,615; Sept. 12.
Silverman, Jacob A., Brooklyn, N. Y. Suit ensemble. 116,647; Sept. 12.
Silverman, Jacob A., Brooklyn, N. Y. Suit. 117,533; Nov. 7.
Silverman, Jacob A., Brooklyn, N. Y. Coat. 118,107; Dec. 12.
Silverman, Max, New York, N. Y. Cigarette belt. 115,582; July 4.
Silverman, Max, New York, N. Y. Flexible neckpiece. 116,246; Aug. 22.
Silverman, Sebet, Atlantic City, assignor to The Nurre Companies, Inc., Egg Harbor City, N. J. Mirror. 115,839; July 25.
Silverman, Sebet, Atlantic City, assignor to The Nurre Companies, Inc., Egg Harbor City, N. J. Mirror. 116,353; Aug. 29.
Silvers, Harry A., Beverly Hills, Calif. Base for a display standard. 115,528; July 4.
Silverstein, Abraham, New York, N. Y. Coat. 118,322; Dec. 26.
Silverstein, Henry, Brooklyn, N. Y. Airplane or the like. 113,019; Jan. 24.
Silverstein, Milton. (See Munson, R. Lax, and Silverstein.)
Simbeck, Alex, San Francisco, Calif. Hat. 113,499; Feb. 28.
Simeone, Michael, New York, N. Y. Textile fabric. 116,436; Aug. 29.
Simmon, Rudolph, Long Island City, N. Y. Photographic enlarger. 116,151; Aug. 15.
Simmons, Charles B., Bristol, assignor to The Sessions Clock Company, Forestville, Conn. Clock case or similar article. 114,969; May 23.

Simon, Irwin B., San Francisco, Calif. Hat. 117,534; Nov. 7.
Simon, Irwin B., San Francisco, Calif. Hat. 117,545; Nov. 7.
Simon, Irwin B., San Francisco, Calif. Hat. 117,873; Nov. 28.
Simon, Irwin B., San Francisco, Calif. Ribbon fabric. 118,097; Dec. 12.
Simon, Raymond, assignor to New Era Optical Company, Chicago, Ill. Eye goggle frame. 114,800; May 16.
Simon, William, Clifton, N. J., assignor to B. F. Hirsch, Inc., New York, N. Y. Jewelry setting or similar article. 114,475; Apr. 25.
Simon, William, Clifton, N. J., assignor to B. F. Hirsch, Inc., New York, N. Y. Combined setting and jewels. 114,649; May 9.
Simonetti, Charles J., New York, N. Y. Slipper. 116,058; Aug. 8.
Simonetti, Charles J., New York, N. Y. Slipper. 116,059; Aug. 8.
Simpson, Wesley, New York, N. Y. Textile fabric. 113,922; Mar. 21.
Simpson, Wesley, New York, N. Y. Textile fabric. 114,047; Mar. 28.
Sinclair, Charles W., assignor to Kelsey-Hayes Wheel Company, Detroit, Mich. Wheel body. 113,688; Mar. 7.
Sinclair, Homer M., assignor to American Tissue Mills, Holyoke, Mass. Wrapping paper or similar article. 115,980; Aug. 1.
Singer Manufacturing Company, The. (See Park, Malcolm S., assignor.)
Singer, Stanley, New York, N. Y. Textile fabric or similar article. 114,523; Apr. 25.
Siverts, Anna L., New York, N. Y. Dress. 116,417; Aug. 29.
Siverts, Anna L., New York, N. Y. Dress ensemble. 116,418; Aug. 29.
Siverts, Anna L., New York, N. Y. Dress. 116,648; Sept. 12.
Siverts, Anna L., New York, N. Y. Dress. 116,649; Sept. 12.
Siverts, Anna L., New York, N. Y. Dress. 116,650; Sept. 12.
Siverts, Anna L., New York, N. Y. Dress. 116,672; Sept. 12.
Skellern, Victor, Fenton, Stoke-on-Trent, England, assignor to Josiah Wedgwood & Sons, Inc., of America, New York, N. Y. Plate or similar article. 114,908; May 23.
Skellern, Victor, Fenton, Stoke-on-Trent, England, assignor to Josiah Wedgwood & Sons, Inc., of America, New York, N. Y. Plate or similar article. 115,767; July 18.
Skellern, Victor, Fenton, Stoke-on-Trent, England, assignor to Josiah Wedgwood & Sons, Inc., of America, New York, N. Y. Plate or similar article. 116,060; Aug. 8.
Skilsaw, Inc. (See Sullivan, Bolton, assignor.)
Sklar, Louis B., Philadelphia, Pa. House number casing. 116,578; Sept. 12.
Sklar, Samuel B., New York, N. Y. Pedate vibrator. 113,855; Mar. 21.
Skolnick, William, New York, N. Y. Dress. 116,892; Sept. 26.
Skolnick, William, New York, N. Y. Dress. 116,896; Sept. 26.
Skolnick, William, New York, N. Y. Dress. 117,129; Oct. 10.
Skolnick, William, New York, N. Y. Dress. 117,323; Oct. 24.
Skolnick, William, New York, N. Y. Dress. 118,002; Dec. 5.
Skolnick, William, New York, N. Y. Dress. 118,189; Dec. 19.
Slavin, John E., New Haven, Conn. Badge or similar article. 115,134; June 6.
Slepin, William, Philadelphia, Pa. Dress. 113,367; Feb. 14.
Slepin, William, Philadelphia, Pa. Dress. 113,368; Feb. 14.
Sluizer, Hans, Nutley, N. J. Textile fabric or similar article. 114,255; Apr. 11.
Small, Seldon B. (See Griffith, Earl R., assignor.)
Smith, Albert W., Springfield, Mass. Combined portable milk bar and cabinet. 116,579; Sept. 12.
Smith, Arthur G. (See Sannar, R. E., Tufford, and Smith.)
Smith, Cecil H., assignor to American-La France-Foamite Corporation, Elmira, N. Y. Combined hose nozzle and handle. 113,174; Jan. 31.
Smith, Charles C., La Jolla, Calif. Ashtray or similar article. 112,795; Jan. 3.
Smith, Claire K., Brooklyn, N. Y. Serving platter or similar article. 113,856; Mar. 21.
Smith, Curtiss F., West Hartford, Conn. Dust remover. 112,796; Jan. 3.
Smith, Elmer H., assignor to Smith Welding Equipment Corporation, Minneapolis, Minn. Cutting torch. 117,504; Nov. 7.
Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. 114,370; Apr. 18.
Smith, Frasier, assignor to Hazel-Atlas Glass Company, Wheeling, W. Va. Jar. 115,054; May 30.
Smith, Frasier, Wheeling, W. Va., assignor to Seeman Brothers, New York, N. Y. Jar. 115,162; June 6.
Smith, Frasier, Wheeling, W. Va., assignor, by mesne assignments, to Federal Tool Corporation, Chicago, Ill. Jar. 117,843; Nov. 28.
Smith, Fred E., Stowe, Vt. Knife holder. 117,825; Nov. 28.
Smith, Fulton W., Howard Beach, N. Y., assignor to Colgate-Palmolive-Peet Company, Jersey City, N. J. Bottle. 117,295; Oct. 24.
Smith, George, Jr., assignor to Olean Glass Company, Olean, N. Y. Jar or similar article. 113,578; Feb. 28.
Smith, George, Jr., assignor to Olean Glass Company, Olean, N. Y. Jar or similar article. 114,240; Apr. 11.
Smith, George, Jr., assignor to Olean Glass Company, Olean, N. Y. Jar or similar container. 115,529; July 4.
Smith, George, Jr., assignor to Olean Glass Company, Olean, N. Y. Jar. 117,844; Nov. 28.
Smith, George, Jr., assignor to Olean Glass Company, Olean, N. Y. Bottle. 117,983; Dec. 5.
Smith, Hannah M. (See Keen, Thomas A., assignor.)
Smith, Harry E., Maplewood, N. J., assignor to Celluloid Corporation. Plastic sheet or similar article. 117,049; Oct. 10.
Smith, Iredell M., Richmond Heights, Mo. Sandal. 113,241; Feb. 7.
Smith, Mary C., South Weymouth, Mass. Doll. 115,768; July 18.
Smith, Mary M., assignor to Armstrong Cork Company, Lancaster, Pa. Water bottle or similar article. 118,250; Dec. 26.
Smith, Mary M., assignor to Armstrong Cork Company, Lancaster, Pa. Syringe bag or similar article. 118,251; Dec. 26.
Smith, Maurice A., assignor to McKee Glass Company, Jeannette, Pa. Glass dish. 115,009; May 30.
Smith, Milton H., assignor to The Oil Tool Corporation, Long Beach, Calif. Gas burner. 116,580; Sept. 12.
Smith, Norman J., Medfield, assignor to Crosby Steam Gage & Valve Company, Boston, Mass. Recorder chart hub. 115,859; July 25.
Smith, Robert L., Long Branch, N. J. Windbreaker jacket. 115,484; June 27.
Smith, Russel W., Des Moines, Iowa. Display rack. 116,767; Sept. 19.
Smith, Samuel K., Chicago, Ill. Cover for a merchandise container or similar article. 113,722; Mar. 14.
Smith, Thomas E., New York, N. Y., assignor to Swan Eng. Co., Inc., Newark, N. J. Chair. 117,964; Dec. 5.
Smith, Thomas F., Elm Grove, W. Va., assignor to L. Perrigo Company. Bottle or similar article. 116,866; Sept. 26.
Smith, Thomas R., Newton, Iowa, and H. Van Doren, Toledo, Ohio. Washing machine. 116,967; Oct. 3.
Smith, Thomas R., Newton, Iowa. Washing machine. 116,982; Oct. 3.
Smith, Thomas R., Newton, Iowa, and H. Van Doren, Toledo, Ohio, assignors to The Maytag Company, Newton, Iowa. Wringer. 117,296; Oct. 24.
Smith, Walter E., et al. (See Schmidt, Richard E., assignor.)
Smith, Walter V., assignor to The American-National Company, Toledo, Ohio. Bicycle. 115,010; May 30.
Smith, Walter V., assignor to The American-National Company, Toledo, Ohio. Bicycle. 115,011; May 30.
Smith, Walter V., assignor to Junior Toy Corporation, Hammond, Ind. Sled. 118,180; Dec. 19.
Smith, Walter V., assignor to Junior Toy Corporation, Hammond, Ind. Velocipede deck plate. 118,252; Dec. 26.
Smith Welding Equipment Corporation. (See Smith, Elmer H., assignor.)
Smith, Wilbert C., Washington, Pa. Vase or similar article. 117,050; Oct. 10.
Smith, Wilbert C., Washington, Pa. Candelabrum. 117,836; Nov. 28.
Smith, William I., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Swing. 117,622; Nov. 14.
Smith, William I., Perrysburg, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Tea cart. 118,060; Dec. 12.
Smithken, Murray, New York, N. Y. Coat. 116,061; Aug. 8.
Smoleroff, Henry J., New York, assignor to Etched Products Corporation, Long Island City, N. Y. Card holder. 114,476; Apr. 25.
Snavely, Thomas J., Peabody, Kans., assignor to American Optical Company, Southbridge, Mass. Pair of spectacles. 115,769; July 18.
Snedaker, Frank C., & Co. (See Druckenmiller, Joseph E., assignor.)
Snell, Samuel A., assignor to The American-National Company, Toledo, Ohio. Velocipede. 113,020; Jan. 24.
Snyder, Clarence B., Athol, Mass. Shoe. 113,576; Feb. 28.
Snyder, Clarence B., Athol, Mass. Shoe. 113,577; Feb. 28.
Snyder, Cyrus N. (See Chagnon, F. P., and Snyder.)
Snyder, Francis J., assignor to The Armstrong Rubber Company, Incorporated, West Haven, Conn. Tire casing. 117,601; Nov. 14.

Snyder, Robert O., Baltimore, Md. Baby coach or similar article. 115,135; June 6.
Sobel, Samuel, New York, N. Y. Display stand for hosiery. 117,913; Dec. 5.
Sobke, Henry W., Calexico, Calif. Direction signal. 117,297; Oct. 24.
Sobol Bros. Service Stations, Inc. (See Allen, John E., assignor.)
Societe Des Parfums Schiaparelli (Societe Anonyme). (See Schiaparelli, Elsa, assignor.)
Soderberg, Louis R., Great Neck, N. Y. Combination mirror and direction indicator. 115,802; July 18.
Sokso, John. (See Cochran, G. M., and Sokso.)
Solash, Max, Linden, N. J. Hat. 116,640; Sept. 12.
Solash, Max, Linden, N. J. Hat. 117,761; Nov. 21.
Soldinger, Harry, Edgemere, Long Island, N. Y. Fur cape. 115,055; May 30.
Solomon, Hyman, New York, N. Y. Dress. 112,915; Jan. 10.
Solomon, Hyman, New York, N. Y. Dress. 112,916; Jan. 10.
Solomon, Mortimer, New York, N. Y. Bathing suit. 113,095; Jan. 24.
Solomon, Nathan L., Mount Vernon, N. Y. Combined comb and brush. 116,509; Sept. 5.
Solosko, Abraham. Hat block. 117,008; Oct. 3.
Sonntag, Bernhard, Dallas, Tex. Kitchen ventilator. 113,051; Jan. 24.
Sonotone Corporation. (See Young, Donald H., assignor.)
Soprani, Mario, Castelfidardo, Italy, assignor to Continental Music Company, Inc., Chicago, Ill. Accordion or similar article. 113,242; Feb. 7.
Soprani, Mario, Castelfidardo, Italy, assignor to Continental Music Company, Inc., Chicago, Ill. Accordion or similar article. 113,243; Feb. 7.
Soule, Chester C., assignor to Maine Canned Foods, Inc., Portland, Maine. Bean pot. 112,951; Jan. 17.
Sova, Anton, Euclid, Ohio. Combination picture and music record and support for same. 117,584; Nov. 14
Sowl, Orville H., Ord, Nebr. Building. 115,577; July 4.
Sozonian Vault Company, The. (See Haaser, Lawrence C., assignor.)
Spanel, Abraham N., Dover, Del. Pants. 114,162; Apr. 4.
Spanel, Abraham N., Dover, Del. Apron. 115,086; May 30.
Spánel, Abraham N., Dover, Del. Apron. 117,436; Oct. 31.
Spánel, Abraham N., Dover, Del. Apron. 118,218; Dec. 19.
Spánel, Abraham N., Dover, Del. Cape. 118,219; Dec. 19.
Spánel, Abraham N., Dover, Del. Mitt. 118,220; Dec. 19.
Sparks-Withington Company. (See Scofield, Theodore J., assignor.)
Sparrow, Frank I., Union, N. J. Combined vase and support. 114,349; Apr. 18.
Spathelf, David E., University City, Mo. Shoe. 115,943; Aug. 1.
Spatz, Benjamin B., New York, N. Y. Textile fabric or similar article. 118,190; Dec. 19.
Spaulding-Gorham, Inc. (See Joyce, Isabelle Z., assignor.)
Speaker, J. W., Corporation. (See Stein, Adolph T., assignor.)
Speakman Company. (See Fraser, James, assignor.)
Speakman Company et al. (See Kohlmeyer, G. W., and Fraser, assignors.)
Spear, Harry B., Cradock, Va. Passenger vessel. 113,885; Mar. 21.
Spence, Edmond J., Batavia, N. Y., assignor to The Lehman Company of America, Inc., Connelton, Ind. Crib. 114,371; Apr. 18.
Spence, James E., assignor to The Hazel-Atlas Glass Company, Wheeling, W. Va. Drinking glass. 114,690; May 9.
Sperling, Samuel, New York, N. Y. Dress. 113,579; Feb. 28.
Spero, Leon, East Cleveland, Ohio. Shade holder. 115,770; July 18.
Sperry, Paul A., New Haven, Conn. Shoe sole. 115,636; July 11.
Sperry, Paul A., New Haven, Conn. Shoe sole. 117,585; Nov. 14.
Sperry, Philmore F., assignor to Excel Auto Radiator Company, Chicago, Ill. Moving picture camera. 114,603; May 2.
Sperry, Philmore F., assignor to Revere Camera Company Chicago, Ill. Motion picture projector. 115,771; July 18.
Spexarth, August G., Astoria, Oreg. Wrench. 115,301; June 20.
Spielholz, Emanuel, North Bergen, N. J., assignor to Duro-Test Corporation. Fluorescent tube unit. 117,077; Oct. 10.
Spill Manufacturing Co. (See Parfrey, William J., assignor.)
Spira, Rudolph R., New York, N. Y. Combination reamer, juice strainer, and extractor. 114,201; Apr. 11.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Bar material for ophthalmic mountings. 113,121; Jan. 31.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Bar material for ophthalmic mountings. 113,122; Jan. 31.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Bar material for ophthalmic mountings. 113,123; Jan. 31.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Bar material for ophthalmic mountings. 113,148; Jan. 31.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Bridge for ophthalmic mountings. 115,302; June 20.
Splaine, Edward M., assignor to American Optical Company, Southbridge, Mass. Pair of spectacles. 115,772; July 18.
Spooner, Richard C. (See Miller, P. J., and Spooner.)
Spray booth. F. A. Prahl, Jr., and C. C. Bell. 118,054; Dec. 12.
Squibb, E. R. & Sons. (See Nitardy, Ferdinand W., assignor.)
Squire, Gwen G., New York, N. Y. Pendant or the like. 117,051; Oct. 10.
Squire, Gwen G., New Yok, N. Y. Stickpin or similar article. 117,052; Oct. 10.
Squire, Jacob, Astoria, N. Y. Shoe or similar article. 112,968; Jan. 17.
Squires, Preston H. (See Ford, G. F., Barbee, and Squires.)
Staber, Eugenia. (See Richardson, M. R., and Staber.)
Staber, Eugenia, New York, N. Y. Dress. 115,694; July 11.
Stadelhofer, Fred, Berkeley, Calif. Centrifugal pump and motor unit. 117,153; Oct. 17.
Staedtler, J. S. (See Kreutzer, Karl, assignor.)
Staf, Axel H. (See Woodward, F. R., and Staf.)
Stafford, Wendell, Effingham, Ill., assignor to Vulcan Corporation, Portsmouth, Ohio. Shoe heel. 116,939; Oct. 3.
Stahl, Albert R., Somerset, Pa. Lens for a headlight or the like. 114,870; May 16.
Staines, Samuel E., Allendale, N. J. Textile fabric. 117,642; Nov. 14.
Staines, Samuel E., Allendale, N. J. Textile fabric. 117,656; Nov. 14.
Staines, Samuel E., Allendale, N. J. Textile fabric. 118,003; Dec. 5.
Staines, Samuel E., Allendale, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric. 112,917; Jan. 10.
Staines, Samuel E., Allendale, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric. 113,052; Jan. 24.
Staines, Samuel E., Allendale, assignor to Botany Worsted Mills, Passaic, N. J. Textile fabric. 113,097; Jan. 24.
Staines, Samuel E., Ridgewood, N. J., assignor, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Textile fabric. 113,096; Jan. 24.
Staines, Samuel E., Ridgewood, N. J., assignor, by mesne assignments, to Reconstruction Finance Corporation, New York, N. Y. Textile fabric. 113,697; Mar. 1.
Staley, Frank D., Indianapolis, Ind. Sign. 113,795; Mar. 14.
Stamm, Alfred H., and H. S. Barton, Peoria, Ill. Building block. 113,978; Mar. 28.
Stanbury, William E., Kansas City, Mo. Badge or similar article. 113,723; Mar. 14.
Standard Coated Products Corporation. (See Scholle, Charles F., assignor.)
Standard Oil Company, The. (See Carmitchell, Alfred B., assignor.)
Standard Oil Company. (See Elliott, Samuel H., assignor.)
Standard Oil Company. (See Munson, Ralph O., assignor.)
Standard Oil Company of California. (See Aldrich, R. N., and Jaehne, assignors.)
Standard Oil Company of California. (See Willoughby, Walter J., Jr., assignor.)
Standard Oil Development Company. (See Meuller, Dixon M., assignor.)
Standard Oil Development Company. (See Thompson, Lewis S., assignor.)
Standard Tool Co., The. (See Ross, William P., assignor.)
Stark, Arvid, assignor to L. J. Bratrud, Minneapolis, Minn. Sickle mower. 117,965; Dec. 5.
Stark, Frederick W., assignor to International Silver Company, Meriden, Conn. Spoon or other article of flatware. 113,124; Jan. 31.
Stark, Frederick W., assignor to International Silver Company, Meriden, Conn. Coffeepot or similar article. 116,248; Aug. 22.
Stark, Frederick W., assignor to International Silver Company, Meriden, Conn. Sugar bowl or similar article. 116,249; Aug. 22.
Stark, Frederick W., assignor to International Silver Company, Meriden, Conn. Coffeepot or similar article. 116,250; Aug. 22.
Stark, Frederick W., assignor to International Silver Company, Meriden, Conn. Sugar bowl or similar article. 116,251; Aug. 22.
Starr, Lillie B., New York, and S. E. Badanes, Flushing, N. Y. Dress or similar article. 115,277; June 13.
Starr, Neuman B., New York, N. Y. Textile fabric. 114,273; Apr. 11.
Starr, Samuel, Gloversville, N. Y. Glove. 115,899; July 25.
Statter, Benjamin H. (See Brotzman, W. F., and Statter.)

Staub, David E., Detroit, assignor to Allied Manufacturers, Incorporated, Ypsilanti, Mich. Wheelbarrow. 116,868; Sept. 26.
Stauffer, William O. (See Barry, W. H., and Stauffer.)
Stava, Robert J. (See Graves, E. B., and Stava.)
Stavely, Robert W., Cleveland, Ohio. Rack for periodicals. 116,581; Sept. 12.
Stavely, Robert W., Cleveland, Ohio. Rack for periodicals. 116,582; Sept. 12.
Stavely, Robert W., Cleveland, Ohio. Rack for periodicals. 116,583; Sept. 12.
Staver, Edward F. (See Hafecost, F., and Staver.)
Steam-Electric Corporation. (See Eckstein, Louis V., assignor.)
Stearngold, Jacob M., New York, N. Y. Dress. 114,875; May 16.
Steeb, Emil and A. T. Wallace, Indianapolis, Ind.; said Stebb assignor to said Wallace. Combination lamp and ash receiver. 117,678; Nov. 21.
Steele, Jesse O., Lund, Utah. Combination stove and lamp. 113,998; Mar. 28.
Steelman, James S., Millville, N. J., assignor to Armstrong Cork Company, Lancaster, Pa. Bottle or similar article. 116,173; Aug. 15.
Stefco Steel Company. (See Owings, Nathaniel A., assignor.)
Steffens, Eugene C., Chicago, Ill. Lock set. 115,981; Aug. 1.
Stegeman, Albert V., Jr., Fort Thomas, assignor to The Wadsworth Watch Case Company, Dayton, Ky. Watchcase. 112,797; Jan. 3.
Stegeman, Albert V., Jr., Fort Thomas, Ky., assignor to The Wadsworth Watch Case Company, Dayton, Ky. Wrist watch. 113,771; Mar. 14.
Stein, Adolph T., assignor to J. W. Speaker Corporation, Chicago, Ill. Clamping device. 114,350; Apr. 18.
Stein, Alfred, New York, N. Y. Garment hanger. 117,078; Oct. 10.
Stein, Earl A., San Francisco, Calif. Tooth brush holder. 117,408; Oct. 31.
Stein, Joseph S., assignor to Lucien Le Long, Inc., Chicago, Ill. Combined display container and supporting base for perfume bottles or similar articles. 113,443; Feb. 21.
Stein, Marjorie, New York, N. Y. Dress. 117,200; Oct. 17.
Stein, Marjorie, New York, N. Y. Dress. 117,201; Oct. 17.
Stein, Marjorie, New York, N. Y. Dress. 117,202; Oct. 17.
Stein, Marjorie, New York, N. Y. Dress. 117,222; Oct. 17.
Stein, Marjorie, New York, N. Y. Dress. 117,223; Oct. 17.
Stein, Marjorie, New York, N. Y. Dress. 117,657; Nov. 14.
Stein, Marjorie, New York, N. Y. Dress. 117,886; Nov. 28.
Stein, Milton, New York, N. Y. Tablecloth or similar article. 113,607; Feb. 28.
Stein, Nathan, New York, N. Y. Coat. 114,771; May 16.
Stein, Sara, New York, N. Y. Brassière. 114,909; May 23.
Steinberg, Frederick, Bronx, N. Y. Bird cage or similar article. 115,695; July 11.
Steinberg, Julius, New York, N. Y. Veil scarf. 117,724; Nov. 21.
Steiner, Ernest, New York, N. Y. Folding cigarette tray. 112,952; Jan. 17.
Steiner, Louis, New York, N. Y. Vending machine casing or the like. 113,999; Mar. 28.
Steiner, Louis, New York, N. Y. Vending machine casing or the like. 114,000; Mar. 28.
Steiner, Louis, New York, assignor to U-Need-A-Pak Products Corporation, Brooklyn, N. Y. Vending machine casing or the like. 116,616; Sept. 12.
Steiner, Oscar, Irondequoit, and C. H. Roth, Jr., assignors to The Folmer Graflex Corporation, Rochester, N. Y. Photographic camera or similar article. 117,154; Oct. 17.
Steiner, Oscar, Irondequoit, and C. H. Roth, Jr., assignors to The Folmer Graflex Corporation, Rochester, N. Y. Photographic camera or similar article. 117,155; Oct. 17.
Steinhardt, Irving, New York, N. Y. Puzzle. 118,253; Dec. 26.
Steinlauf, Irving, New York, N. Y. Dress. 113,580; Feb. 28.
Steinman, Samuel J., New York, N. Y. Combined billfold, change purse, and key holder. 114,351; Apr. 18.
Steinway & Sons. (See Gugler, Eric, assignor.)
Steinweg, Richard, New York, N. Y., assignor to H. A. Lawson, Signal Mountain, Tenn. Bedspread. 113,581; Feb. 28.
Steinweg, Richard, New York, N. Y., assignor to H. A. Lawson, Signal Mountain, Tenn. Bedspread. 113,582; Feb. 28.
Steinweg, Richard, New York, N. Y., assignor to H. A. Lawson, Signal Mountain, Tenn. Bedspread. 113,583; Feb. 28.
Steinweg, Richard, New York, N. Y., assignor to H. A. Lawson, Signal Mountain, Tenn. Bedspread. 113,613; Feb. 28.
Steinweg, Richard, New York, N. Y., assignor to H. A. Lawson, Signal Mountain, Tenn. Bedspread. 114,256; Apr. 11.
Steinweg, Richard, New York, N. Y., assignor to H. A. Lawson, Signal Mountain, Tenn. Bedspread. 114,274; Apr. 11.
Steinweg, Richard, New York, N. Y., assignor to H. A. Lawson, Signal Mountain, Tenn. Bedspread. 115,278; June 13.
Steinweg, Richard, New York, N. Y. Bedspread. 115,662; July 11.
Steinweg, Richard, New York, N. Y. Bedspread. 115,663; July 11.
Steinweg, Richard, New York, N. Y., assignor to H. A. Lawson, Signal Mountain, Tenn. Bedspread. 116,195; Aug. 15.
Steinweg, Richard, New York, N. Y., assignor to H. A. Lawson, Signal Mountain, Tenn. Bedspread. 116,196; Aug. 15.
Steinweg, Richard, New York, N. Y., assignor to H. A. Lawson, Signal Mountain, Tenn. Bedspread. 116,197; Aug. 15.
Stephens, George H., Glencoe, assignor to Hammond Instrument Company, Chicago, Ill. Electrical musical instrument. 113,021; Jan. 24.
Stephens, Henry G., Gadsden, Ala. Whatnot. 114,477; Apr. 25.
Stern, Max, Brooklyn, N. Y. Clock or similar article. 116,062; Aug. 8.
Sterngold, Jacob M., New York, N. Y. Dress. 114,725; May 9.
Sterngold, Jacob M., New York, N. Y. Dress. 114,726; May 9.
Sterngold, Jacob M., New York, N. Y. Dress. 114,727; May 9.
Sterngold, Jacob M., New York, N. Y. Dress. 114,728; May 9.
Sterngold, Jacob M., New York, N. Y. Dress. 114,729; May 9.
Sterngold, Jacob M., New York, N. Y. Dress. 114,876; May 16.
Sterngold, Jacob M., New York, N. Y. Dress. 115,363; June 20.
Sterngold, Jacob M., New York, N. Y. Dress. 115,485; June 27.
Sterzik, Adolf, St. Louis, Mo. Combined shoe sole and heel. 117,079; Oct. 10.
Stetson Shoe Company, The. (See Wales, Burton L., assignor.)
Steuber, George A., Penfield, assignor to Dispatch Shops, Inc., East Rochester, N. Y. Freight car body. 115,240; June 13.
Stevens, Clifford B., assignor to Durant Manufacturing Company, Milwaukee, Wis. Counter. 113,337; Feb. 14.
Stevens, Clifford B., assignor to Perfex Corporation, Milwaukee, Wis. Air conditioning control. 117,679; Nov. 21.
Stevens, Clifford B., Milwaukee, Wis. Automobile truck. 118,221; Dec. 19.
Stevens, George J., Cleveland, Ohio. Door knocker. 115,221; June 13.
Stewart, Charles D., Glendale, Calif. Draftsman's compass. 112,849; Jan. 3.
Stewart, Lemuel L., Chicago, Ill., assignor to The Adlake Company. Lighting fixture or similar article. 113,125; Jan. 31.
Stewart, Lemuel L., Elkhart, Ind., assignor to The Adlake Company. Lighting fixture or similar article. 113,642; Mar. 7.
Stewart, Lemuel L., Chicago, Ill. Lighting fixture or similar article. 115,970; Aug. 1.
Stewart, Lemuel L., Chicago, Ill. Lighting fixture or similar article. 115,971; Aug. 1.
Stewart, Lemuel L., Elkhart, Ind., assignor to The Adlake Company. Lighting fixture or similar article. 116,063; Aug. 8.
Stewart, Lemuel L., Elkhart, Ind., assignor to The Adlake Company. Lighting fixture or similar article. 117,298; Oct. 24.
Stewart, Lemuel L., Elkhart, Ind., assignor to The Adlake Company. Lighting fixture unit or similar article. 117,643; Nov. 14.
Stewart and McGuire, Incorporated. (See Hoban, Fairfield W., assignor.)
Stewart-Warner Corporation. (See Dean, Arthur F., assignor.)
Stickney, Roland L., New York, N. Y., assignor to J. B. Judkins Company, Merrimac, Mass. Restaurant building or similar article. 115,803; July 18.
Stiffel, Theophile A., Chicago, Ill. Illuminable holder for pictures or the like. 117,680; Nov. 21.
Stiller, Paul. (See Altman, B., and Stiller.)
Stillger, Amel A., Huntington Park, assignor to The Fluor Corporation, Ltd., Los Angeles, Calif. Water cooling tower. 116,727; Sept. 19.
Stimell, Samuel, New York, N. Y. Coat. 118,269; Dec. 26.
Stinson, Jack B., Jackson Heights, N. Y. Pin. 116,064; Aug. 8.
Stinson, Jack B., Jackson Heights, N. Y. Pin. 116,065; Aug. 8.
Stinson, Jack B., Jackson Heights, N. Y. Pin. 118,254; Dec. 26.
Stohl, Ludwig A., Sun Prairie, Wis. Porcelain insulator. 115,530; July 4.

Stohl, Ludwig A., Sun Prairie, Wis. Porcelain insulator. 115,578; July 4.
Stolkin, Jack, New York, N. Y. Dress. 118,323; Dec. 26.
Stoll, Charles, New York, N. Y. Sofa or similar article. 114,378; Apr. 18.
Stoll, Charles, New York, N. Y. Sofa or similar article. 114,415; Apr. 18.
Stoll, Charles, New York, N. Y. Sofa or similar article. 114,416; Apr. 18.
Stoll, Charles, New York, N. Y. Sofa or similar article. 114,563; May 2.
Stoll, Charles, New York, N. Y. Sofa or similar article. 115,056; May 30.
Stoll, Charles, New York, N. Y. Sofa or similar article. 115,254; June 13.
Stoll, Charles, New York, N. Y. Sofa or similar article. 115,429; June 27.
Stoll, Charles, New York, N. Y. Sofa or similar article. 115,664; July 11.
Stoll, Sam, New York, N. Y. Jacket. 114,834; May 16.
Stone, Joseph L., Chicago, Ill. Clock. 113,022; Jan. 24.
Stone, Mollie, New York, N. Y. Dress. 114,301; Apr. 11.
Stone, Mollie, New York, N. Y. Dress. 114,302; Apr. 11.
Stone, Mollie, New York, N. Y. Dress. 114,604; May 2.
Stone, Mollie, New York, N. Y. Dress. 114,730; May 9.
Stone, Mollie, New York, N. Y. Dress. 114,739; May 9.
Stone, Mollie, New York, N. Y. Dress. 114,910; May 23.
Stone, Mollie, New York, N. Y. Dress. 115,364; June 20.
Stone, Mollie, New York, N. Y. Dress. 116,002; Aug. 1.
Stone, Mollie, New York, N. Y. Dress. 116,003; Aug. 1.
Stone, Mollie, New York, N. Y. Dress. 117,203; Oct. 17.
Stone, Mollie, New York, N. Y. Dress. 117,344; Oct. 24.
Stone, Mollie, New York, N. Y. Dress. 117,385; Oct. 31.
Stoner, Howard G., Pittsburgh, Pa., assignor to Pittsburgh Plate Glass Company. Door handle. 113,175; Jan. 31.
Stopa, Walter T., Chicago, Ill., assignor to Edison General Electric Appliance Company. Combined receptacle and cover therefor. 115,160; June 6.
Stopa, Walter T., Chicago, Ill., assignor to Edison General Electric Appliance Company. Combined receptacle and cover therefor. 115,161; June 6.
Stopa, Walter T., Chicago, Ill., assignor to Edison General Electric Appliance Company. Water jug or similar article. 115,531; July 4.
Storch, Max H., Bell Harbor, Long Island, N. Y. Hand mirror. 115,222; June 13.
Storey, Emma A., and D. E. Vertuno, Oak Park, Ill. Combined coat and head covering. 113,194; Jan. 31.
Storkline Furniture Corporation. (See Feldman, Abraham G., assignor.)
Stough, Turney H., Jeannette, Pa. Jar or similar container. 113,053; Jan. 24.
Stough, Turney H., Jeannette, Pa. Candy container. 115,241; June 13.
Stough, Turney H., Jeannette, Pa. Candy container. 115,532; July 4.
Stough, Turney H., Jeannette, Pa. Candy container. 115,533; July 4.
Stough, Turney H., Jeannette, Pa. Baby nursing bottle. 116,651; Sept. 12.
Stracks, Harry, Hewlitt, N. Y. Coat. 117,204; Oct. 17.
Strand, Bert F., Jr., Toledo, Ohio, and W. H. Meyer, Erie, Mich., assignors to Krim Beverage Company, Lebanon, Pa. Bottle. 118,313; Dec. 26.
Strand, Jacob, New York, N. Y. Cup hook. 115,773; July 18.
Strand, Jacob, New York, N. Y. Cup hook. 116,867; Sept. 26.
Stratton, Philip B., assignor to Kirsch Company, Sturgis, Mich. Curtain rod. 114,564; May 2.
Stratton, Philip B., assignor to Hirsch Company, Sturgis, Mich. Curtain rod. 117,205; Oct. 17.
Stratton, Philip B., assignor to Hirsch Company, Sturgis, Mich. Curtain rod. 117,206; Oct. 17.
Straus, Sylvan M., Gloversville, N. Y. Glove. 112,830; Jan. 3.
Straus, Sylvan M., Gloversville, N. Y. Glove. 113,149; Jan. 31.
Straus, Sylvan M., Gloversville, N. Y. Glove. 113,150; Jan. 31.
Straus, Sylvan M., Gloversville, N. Y. Bird house. 117,053; Oct. 10.
Strauss, Arthur, New York, N. Y. Stamp or similar article. 116,983; Oct. 3.
Strauss, Arthur, New York, N. Y. Stamp or similar article. 117,080; Oct. 10.
Strauss, Hermann M. A., assignor to A. F. Dormeyer Mfg. Co., Chicago, Ill. Supporting stand for motor driven food appliances or similar articles. 117,762; Nov. 21.
Strauss, Hermann M. A., assignor to A. F. Dormeyer Mfg. Co., Chicago, Ill. Electric food mixer. 117,763; Nov. 21.
Strauss, Hermann M. A., assignor to A. F. Dormeyer Mfg. Co., Chicago, Ill. Combined electric motor and power unit for electric food devices. 117,764; Nov. 21.
Strauss, Hermann M. A., assignor to A. F. Dormeyer Mfg. Co., Chicago, Ill. Combined electric mixer and food chopper unit. 118,270; Dec. 26.
Strauss, Ira, New York, N. Y. Textile fabric. 115,367; June 20.
Strauss, Ira, New York, N. Y. Textile fabric. 115,376; June 20.
Streckfuss, Elmer G., assignor to The Cincinnati Time Recorder Co., Cincinnati, Ohio. Time recorder. 113,354; Feb. 14.
Street, Augustus, assignor to MixOmint Corporation, Vicksburg, Miss. Bottle. 115,430; June 27.
Streit, Irving, New York, N. Y. Matzo. 115,322; June 20.
Stricker, Ethel E., New York, N. Y. Negligee. 113,824; Mar. 14.
Strite, Lloyd C., Chicago, Ill. Fish lure. 115,571; July 4.
Stroever, Louis T., Piedmont, Calif. Combined camera and grip therefor. 113,403; Feb. 21.
Stuart, Harve R., Springfield, Ohio, assignor of one-half to L. Illmer, Cortland, N. Y. Direction indicating signal controller for automotive vehicles. 115,341; June 20.
Stuart, Henry A., assignor to Goodyear Footwear Corporation, Providence, R. I. Overshoe or similar waterproof article. 116,634; Sept. 12.
Stuart, Henry A., assignor to Goodyear Footwear Corporation, Providence, R. I. Overshoe or similar waterproof article. 116,635; Sept. 12.
Stuart, Henry A., assignor to Goodyear Footwear Corporation, Providence, R. I. Boot or similar waterproof article. 116,636; Sept. 12.
Stump, Lewis S., assignor to W. B. and J. B. Boice, Toledo, Ohio. Combined drill press head and motor. 113,369; Feb. 14.
Sturtevant, Paul A., Elmhurst, Ill. Wrench or similar article. 112,888; Jan. 10.
Sullivan, Alexander H. (See O'Neill, J. D., and Sullivan.)
Sullivan, Bolton, Winnetka, assignor to Skilsaw, Inc., Chicago, Ill. Electric hand saw. 114,970; May 23.
Sullivan, George D., assignor to Trabert & Hoeffer, Inc., New York, N. Y. Bracelet. 114,835; May 16.
Sullivan, John H. L., Roxbury, and E. B. Thibedeau, Gloucester, Mass. Knee rest for gardeners. 114,303; Apr. 11.
Sullivan, John J., et al. (See Forman, Mark K., assignor.)
Sumergrade, Harry, New York, N. Y. Comfortable. 113,772; Mar. 14.
Summers, Caleb E., and W. A. Engelhart, Pontiac, Mich. Highway marker. 116,584; Sept. 12.
Summers, Otto M., Glasgow, Ky. Dwelling. 116,247; Aug. 22.
Sun Radiator Cover Company. (See Meltner, Kurt, assignor.)
Sunbeam Electric Manufacturing Co. (See Morgan, John R., assignor.)
Sundberg, C. W., and M. Ferar, Detroit, assignors to Clark Equipment Company, Buchanan, Mich. Industrial tractor. 116,092; Aug. 8.
Sundee, John R., assignor to Buffalo Jewelry Case Co. Inc., Buffalo, N. Y. Jewelry box. 113,857; Mar. 21.
Sunderhauf, Frederick A., Rutherford, N. J., and F. W. Broderick, New Brighton, N. Y., assignors to Reynolds Metals Company, Richmond, Va. Bottle display card. 117,602; Nov. 14.
Sunshine, Herbert S., assignor to Epiphone, Inc., New York, N. Y. Electric Hawaiian guitar or similar article. 114,772; May 16.
Sunshine, Herbert S., assignor to Epiphone, Inc., New York, N. Y. Electric Hawaiian guitar or similar article. 114,773; May 16.
Superior Electric Products Corp. (See Barrett, Joseph E., assignor.)
Surbeck, Harry K., Cleveland, Ohio. Baseball game device. 115,860; July 25.
Surles, Thomas C., Beverly, Mass. Emblem lamp. 115,431; June 27.
Sussman, Fannie, New York, N. Y. Dress. 116,419; Aug. 29.
Sussman, Fannie, New York, N. Y. Dress. 117,801; Nov. 28.
Sutera, Roland, Brooklyn, N. Y. Combined letter opener and watch. 115,451; June 27.
Sutter, John H., New York, N. Y., assignor to Owens-Illinois Glass Company, Toledo, Ohio. Hollow glass building block. 115,432; June 27.
Sutton-Horsley Company Limited. (See Horsley, Caperton B., assignor.)
Sutton, John R., assignor to Johnson, Stephens and Shinkle Shoe Company, St. Louis, Mo. Shoe. 115,866; July 25.
Sutton, John R., assignor to Johnson, Stephens and Shinkle Shoe Company, St. Louis, Mo. Shoe. 115,867; July 25.
Swainson, Anne, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Radio cabinet. 114,565; May 2.
Swalley, William C., and A. J. Lichtinger, assignors to The Dialite Company, Cleveland, Ohio. Combined lamp and stand for dial telephone. 113,698; Mar. 7.
Swalley, William C., and A. J. Lichtinger, assignors to The Dialite Company, Cleveland, Ohio. Combined lamp and stand for a dial telephone. 115,057; May 30.
Swan Eng. Co. (See Smith, Thomas E., assignor.)
Swank Products, Inc. (See Baer, Lawrence E., assignor.)
Swank Products, Inc. (See Howard, Viola T., assignor.)
Swanson, Oscar A. (See Taylor, J. G., and Swanson.)
Swanson, Oscar A. (See Taylor, J. G., Wilson, and Swanson.)

Swartz, Abraham, New York, N. Y. Dress. 116,673; Sept. 12.
Swezey, Christopher, Manchester Depot, Vt. Clothespin. 116,975; Oct. 3.
Swindell Brothers, Incorporated. (See Dunnock, John L., assignor.)
Swisher, Murray T., Clairton, Pa. Sundial. 116,452; Sept. 5.
Szach, Marie A., Astoria, N. Y., assignor to Cheney Brothers, New York, N. Y. Textile fabric or similar article. 114,379; Apr. 18.
Tabb, Warner L., High Point, N. C. Tray. 113,023; Jan. 24.
Tabin, Adrian, Chicago, Ill. Textile fabric. 117,009; Oct. 3.
Tabin, Adrian, Chicago, Ill. Textile fabric. 117,130; Oct. 10.
Tabin, Adrian, Chicago, Ill. Textile fabric. 117,131; Oct. 10.
Tabin, Adrian, Chicago, Ill. Textile fabric. 118,150; Dec. 19.
Taddeo, Arthur A. (See Taddeo, Luigi, assignor.)
Taddeo, Luigi, assignor to A. A. Taddeo, Cleveland, Ohio. Soap holder. 115,433; June 27.
Tailor Maid Blouses. (See Hafler, Lizzie, assignor.)
Taisch, Rose E., New York, N. Y. Bathing suit. 113,796; Mar. 14.
Taks, William, Brooklyn, N. Y. Combination muff and pocket book. 116,525; Sept. 5.
Talge, Foster L. (See Majewski, Joseph M., Jr., assignor.)
Talon, Inc. (See Bailey, Perkins, H., assignor.)
Talon, Inc. (See Poux, Noel J., assignor.)
Tammen, Glenn W. (See Deli, F. C., Petau, and Tammen.)
Tammen, Glenn W. (See Lotz, A. J., and Tammen.)
Tammen, Glenn W., assignor to Autopoint Company, Chicago, Ill. Thermoplastic tube or similar article. 114,566; May 2.
Tammen, Glenn W., assignor to Autopoint Company, Chicago, Ill. Thermoplastic tube or similar article. 114,567; May 2.
Tammen, Glenn W., assignor to Binks Manufacturing Company, Chicago, Ill. Spray gun for spraying coating material or the like. 117,307; Oct. 24.
Tammen, Glenn W., assignor to Binks Manufacturing Company, Chicago, Ill. Spray gun for spraying coating material or the like. 117,308; Oct. 24.
Tanasso, Vincent, Harrison, and J. J. Pomeranz, Brooklyn, N. Y. Spectacle front. 114,125; Apr. 4.
Tanzi, Guido, Brooklyn, N. Y., assignor to B. Filippone & Co., Inc., Passaic, N. J. Macaroni. 116,617; Sept. 12.
Tapper, Harry J. (See Morrison, G. F., and Tapper.)
Tauriello, Sebastian J., Buffalo, N. Y. News stand. 117,586; Nov. 14.
Tausend, Felix, & Sons. (See Elfenbein, Bert, assignor.)
Tautz, Herbert E., assignor to Delta Manufacturing Company, Milwaukee, Wis. Casing for a woodworking machine. 117,460; Nov. 7.
Tautz, Herbert E., assignor to Delta Manufacturing Company, Milwaukee, Wis. Combination top, gauge, and guide bars for woodworking machines. 117,461; Nov. 7.
Taylor, Cooper E., Charlotte, N. C. Display stand. 115,255; June 13.
Taylor, Fleety E. (See Bowen, A. O., and Taylor.)
Taylor, Harry, New York, N. Y. Table lamp or similar article. 115,242; June 13.
Taylor, James G., and H. W. Case, Dayton, Ohio, assignors to the Government of the United States of America, as represented by the Secretary of War. Medium range load carrying airplane. 113,689; Mar. 7.
Taylor, James G., Dayton, R. C. Wilson, Fairfield, and O. A. Swanson, Dayton, Ohio, assignors to Government of United States of America, as represented by Secretary of War, and his successors in office. Low wing cantilever monoplane. 114,417; Apr. 18.
Taylor, James G., Dayton, R. C. Wilson, Fairfield, and O. A. Swanson, Dayton, Ohio, assignors to Government of United States of America, as represented by Secretary of War, and his successors in office. High wing cantilever monoplane. 114,626; May 2.
Taylor, James G., Fairfield, and O. A. Swanson, Dayton, Ohio, assignors to the Government of the United States of America, as represented by the Secretary of War, and his successors in office. Symmetrically sectioned, all wing cantilever monoplane. 114,851; May 16.
Taylor, John J., Wadsworth, Ohio. Electric insulator. 114,352; Apr. 18.
Teague, Walter D., Jr. (See Teague, W. D., and W. D. Teague, Jr.)
Teague, Walter D., Jr. (See Teague, Walter D. and W. D., Jr., and Herman.)
Teague, Walter D., New York, N. Y., assignor to American Gas Machine Company, Incorporated, Albert Lea, Minn. Space heater. 113,294; Feb. 7.
Teague, Walter D., New York, N. Y., assignor to American Gas Machine Company, Incorporated, Albert Lea, Minn. Space heater. 114,691; May 9.
Teague, Walter D., New York, assignor to Eastman Kodak Company, Rochester, N. Y. Camera. 117,587; Nov. 14.
Teague, Walter D., and W. D. Teague, Jr., New York, N. Y. Automobile. 115,177; June 6.
Teague, Walter D. and W. D., Jr., New York, N. Y., and E. W. Herman, assignors to The National Cash Register Company, Dayton, Ohio. Cash register. 113,900; Mar. 21.
Tefft, Ivan D., Janesville, Wis., and T. Christenson, Jr., and W. W. Hoople, Chicago, Ill., assignors to The Parker Pen Company, Janesville, Wis. Bottle. 113,858; Mar. 21.
Terker, Harry J., Brooklyn, N. Y. Chair or similar article. 114,478; Apr. 25.
Ternstedt Manufacturing Company. (See Curtiss, George E., assignor.)
Ternstedt Manufacturing Company. (See Hollindale, Wilfred H., assignor.)
Ternstedt Manufacturing Company. (See Lemm, Bonnie E., assignor.)
Terry, Robert S., Utica, N. Y. Pajama shirt or similar article. 116,699; Sept. 19.
Terry, William F., Washington, D. C. Fender direction signal lamp. 115,861; July 25.
Textile Machine Works. (See Hug, Rudolph, assignor.)
Theobald, Jean G., assignor to International Silver Company, Meriden, Conn. Dish or other article of hollowware. 114,241; Apr. 11.
Thibedeau, Elmer B. (See Sullivan, J. H. L., and Thibedeau.)
Thierfelder, Hans, Auerbach in Erzgebirge, Germany. Stocking. 115,722; July 11.
Thom, Wah C., Honolulu, Hawaii. Box or similar article. 115,462; June 27.
Thomas, Joseph C., Akron, Ohio, assignor to E. Edelmann & Co., Chicago, Ill. Battery service kit or the like. 115,353; June 20.
Thomas, Morton S., Albion, Ind. Combined grocery reminder and spice cabinet. 117,299; Oct. 24.
Thompson, Guy W., Pueblo, Colo. Combined pocket comb and clip. 116,869; Sept. 26.
Thompson, Lewis S., Lincroft, N. J., assignor to Standard Oil Development Company. Advertising sign. 116,922; Oct. 3.
Thompson, Russell G. (See Rand, J. H., Jr., and Thompson.)
Thompson, Thomas C., University City, Mo. Display cabinet. 116,968; Oct. 3.
Thompson's Limited. (See Sholtz, David, assignor.)
Thomson Machine Company. (See Parsons, Edward T., assignor.)
Thoren, Fridolf E., Chicaco, Ill. Toy wind-operated device. 117,603; Nov. 14.
Thoresen, George A., Providence, R. I., assignor to The Seventh Worlds Poultry Congress and Exposition, Cleveland, Ohio. Badge or similar article. 114,911; May 23.
Thorley, Joseph P., assignor to The Hall China Company, East Liverpool, Ohio. Teapot. 117,855; Nov. 28.
Thorley, Joseph P., assignor to The Hall China Company, East Liverpool, Ohio. Teapot. 117,856; Nov. 28.
Thorley, Joseph P., assignor to The Hall China Company, East Liverpool, Ohio. Covered casserole. 117,857; Nov. 28.
Thorley, Joseph P., assignor to The Hall China Company, East Liverpool, Ohio. Shirred egg dish. 117,858; Nov. 28.
Thorley, Joseph P., assignor to The Hall China Company, East Liverpool, Ohio. Teapot or similar article. 117,859; Nov. 28.
Thorn, Robert J., and T. Hess, Chicago, Ill; said Hess assignor to said Thorn. Multiple letter tray. 116,600; Sept. 12.
Threadgill, John G., Oklahoma City, Okla. Baking iron. 116,940; Oct. 3.
Threlfall, Fredric J., Philadelphia, Pa. Deck of playing cards. 113,724; Mar. 14.
Tiffany & Company. (See Barney, Arthur L., assignor.)
Tillinghast, Leslie F. (See Link, M. P., de Mellier, and Tillinghast.)
Tillman, Abe, New York, N. Y. Textile fabric. 116,109; Aug. 8.
Tillman, Abe, New York, N. Y. Textile fabric. 116,328; Aug. 22.
Tillman, Abe, New York, N. Y. Woven textile fabric. 117,984; Dec. 5.
Tillman, Abe, New York, N. Y. Textile fabric. 118,004; Dec. 5.
Tillman, Nathan, New York, N. Y. Textile fabric. 116,128; Aug. 8.
Tilton & Cook Co. (See McLaughlin, Charles, assignor.)
Tilz, Charles, Pleasantville, N. J. Hot water bottle. 115,012; May 30.
Timberlake, Lawrence E., South Portsmouth, Ky., assignor to Vulcan Corporation, Portsmouth, Ohio. Shoe heel. 116,753; Sept. 19.
Timme, E. F., & Sons. (See Biva, Lucien.)
Timme, E. F., & Son. (See Biva, Lucien, assignor.)
Timme, Otto. (See Biva, Lucien, assignor.)
Timme, Otto, estate of. (See Biva, Lucien.)
Timme, Otto, Estate of. (See Biva, Lucien.)
Tint, Mollie S., New York, N. Y. Dress. 114,418; Apr. 18.
Tint, Mollie S., New York, N. Y. Dress. 114,419; Apr. 18.
Tint, Mollie, New York, N. Y. Dress. 117,887; Nov. 28.
Tint, Mollie, New York, N. Y. Dress. 117,888; Nov. 28.

Tint, Mollie, New York, N. Y. Dress. 117,889; Nov. 28.
Tint, Mollie, New York, N. Y. Dress. 117,890; Nov. 28.
Tint, Mollie, New York, N. Y. Dress. 118,005; Dec. 5.
Tischler, Abraham, New York, N. Y. Atomizer. 114,524; Apr. 25.
Titus, Thomas L., Denver, Colo., assignor to The Wyott Manufacturing Company, Cheyenne, Wyo. Liquid dispenser or similar article. 113,725; Mar. 14.
Titze, Walter K., Oklahoma City, Okla., assignor to Universal Potteries, Inc., Cambridge, Ohio. Bowl or similar article. 113,024; Jan. 24.
Tjaarda, John, assignor to Briggs Manufacturing Company, Detroit, Mich. Combination kitchen unit. 115,826; July 18.
Tober, Allan H. (See Wolters, C. F., and Tober.)
Tobin, Nathan H., Brooklyn, N. Y. Woman's coat. 115,365; June 20.
Tobler, Hans, Teaneck, N. J. Embroidered textile fabric. 114,001; Mar. 28.
Tobler, Hans, Teaneck, N. J. Embroidered textile fabric. 114,002; Mar. 28.
Tobler, Hans, Teaneck, N. J. Embroidered textile fabric. 114,003; Mar. 28.
Todd, Juanita G., Yonkers, assignor to Sidney Blumenthal & Co. Inc., New York, N. Y. Pile fabric or similar article. 113,295; Feb. 7.
Tomlinson, Ambrose J., assignor to The Church of God, Cleveland, Tenn., through its trustees. Flag. 113,244; Feb. 7.
Tomshinsky, Victor, New York, N. Y. Dress. 115,096; May 30.
Tomshinsky, Victor, New York, N. Y. Dress 116,768; Sept. 19.
Tomshinsky, Victor, New York, N. Y. Dress. 116,769; Sept. 19.
Tomshinsky, Victor, New York, N. Y. Dress. 117,132; Oct. 10.
Tomshinsky, Victor, New York, N. Y. Dress. 117,133; Oct. 10.
Toran, Fay, New York, N. Y. Dress. 116,437; Aug. 29.
Toran, Fay, New York, N. Y. Dress. 117,324; Oct. 24.
Toriumi, Albert Y., assignor to Japan Merchandise Company of Honolulu, Honolulu, Hawaii. Textile fabric. 115,725; July 11.
Torrington Manufacturing Co., The. (See Upson, Walter L., assignor.)
Tost, Charles R., Cranston, assignor to The Hadley Company, Inc., Providence, R. I. Cravat holder or similar article. 117,507; Nov. 7.
Tourian, Pierre, New York, N. Y. Souvenir nutcracker. 117,623; Nov. 14.
Toussaint, Jeanne, assignor to Cartier, Societe Anonyme, Paris, France. Clip or similar article. 113,245; Feb. 7.
Toussaint, Jeanne, assignor to Cartier, Societe Anonyme, Paris, France. Brooch or similar article. 113,404; Feb. 21.
Toussaint, Jeanne, assignor to Cartier, Societe Anonyme, Paris, France. Clip or similar article. 113,979; Mar. 28.
Toussaint, Jeanne, assignor to Cartier, Societe Anonyme, Paris, France. Clip or similar article. 113,980; Mar. 28.
Toussaint, Jeanne, assignor to Cartier, Societe Anonyme, Paris, France. Clip or similar article. 113,981; Mar. 28.
Towle Manufacturing Company. (See Nock, Harold E., assignor.)
Towle Manufacturing Company. (See Nock, Harold E., assignor.)
Towns, Eugene S., Brownsville, Tex. Wheeled scooter. 113,338; Feb. 14.
Trabert & Hoeffer, Inc. (See Sullivan, George D., assignor.)
Trabold, Frank W., deceased, Detroit, Mich.; Detroit Trust Company and I. J. F. Trabold, executors. Frankfurter. 116,174; Aug. 15.
Trabold, Irma J. F., et al., executors. (See Trabold, Frank W.)
Tracey, John J., Co. (See Kabaker, Annie G., assignor.)
Trafton, Howard A., assignor to Bauer Type Foundry, Inc., New York, N. Y. Printing type font. 113,797; Mar. 14.
Trahan, Deas, assignor of one-half to B. Bernear, Long Island City, N. Y. Gear shift knob or similar article. 113,246; Feb. 7.
Tratsch, Walter A. (See Patzer, W., and Tratsch.)
Trautmann, Otto E., Irondequoit, assignor to Bausch & Lomb Optical Company, Rochester, N. Y. Light projector. 118,293; Dec. 26.
Travis, John M., and C. G. Jackson, assignors to Multiplex Faucet Company, St. Louis, Mo. Beverage dispenser. 118,181; Dec. 19.
Trayer Products, Incorporated. (See Sayre, Charles H., assignor.)
Toy Tinkers, Inc., The. (See Pajeau, Charles H., assignor.)
Trencavel, Albert B., New York, N. Y. Combined stove top plate and hot-water coil. 114,513; Apr. 25.
Tresenberg, Paul, New York, N. Y. Cosmetic spreading roller. 113,690; Mar. 7.
Tresenberg, Paul, New York, N. Y. Massage roller. 114,731; May 9.
Trifari, Krussman & Fishel Inc. (See Philippe, Alfred, assignor.)
Trippe, Graham, Chicago, Ill. Auxiliary lamp for vehicles. 113,444; Feb. 21.
Tritt, Olga, New York, N. Y. Necklace. 118,255; Dec. 26.
Triumph Shoe Co. (See Newman, Otto, assignor.)
Troche, Herman J. (See Larsen, N. P., and Troche.)
Trojan, José, assignor to O. Householder and D. C. Cohen, a copartnership doing business as Crystal Manufacturing Co., Chicago, Ill. Merchandise display case. 112,865; Jan. 10.
Trojan José, assignor to O. Householder and D. C. Cohen, copartners, doing business as Crystal Manufacturing Co., Chicago, Ill. Merchandise display case. 116,585; Sept. 12.
Trojan, José, assignor to O. Householder and D. C. Cohen, copartners, doing business as Crystal Manufacturing Co., Chicago, Ill. Sign or similar article. 116,618; Sept. 12.
Trojan, José, assignor to O. Householder and D. C. Cohen, copartners, doing business as Crystal Manufacturing Co., Chicago, Ill. Sign or similar article. 116,619; Sept. 12.
Trojan, José, assignor to O. Householder and D. C. Cohen, copartners, doing business as Crystal Manufacturing Co., Chicago, Ill. Sign or similar article. 116,620; Sept. 12.
Trojan, José, assignor to O. Housholder and D. C. Cohen, doing business as Crystal Manufacturing Co., Chicago, Ill. Combined merchandise display case and mirror. 116,752; Sept. 19.
Trojan, José, Chicago, Ill., assignor to Owen Householder and D. C. Cohen, co-partners, doing business as Crystal Manufacturing Co. Merchandise display case. 117,489; Nov. 7.
Trojan, José, assignor to O. Housholder and D. C. Cohen, copartners, doing business as Crystal Manufacturing Co., Chicago, Ill. Combined display stand and mirror for electric safety razors. 118,027; Dec. 12.
Trojan, José, assignor to O. Housholder and D. C. Cohen, copartners, doing business as Crystal Manufacturing Co., Chicago, Ill. Merchandise display rack. 118,140; Dec. 19.
Trojan, Jose, assignor to O. Housholder and D. C. Cohen, copartners doing business as Crystal Manufacturing Co., Chicago, Ill. Merchandise display stand. 118,294; Dec. 26.
Trollen, Martin E., assignor to Brown & Bigelow, St. Paul, Minn. Combination desk unit. 116,453; Sept. 5.
Tropauer, Henry, Los Angeles, Calif. Stool. 118,295; Dec. 26.
Troxel Manufacturing Company, The. (See Kalter, Harold E., assignor.)
Troy, Seymour, New York, N. Y. Shoe or similar article. 113,405; Feb. 21.
Tru-Ade Inc. (See Ward, Lee C., assignor.)
Trumbull, Frank S., Providence, R. I. Spoon or similar article. 115,153; June 6.
Trumbull, Frank S., Providence, R. I. Spoon or similar article. 115,774; July 18.
Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Book cover or similar article. 118,191; Dec. 19.
Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Book cover or similar article. 118,192; Dec. 19.
Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Book cover or similar article. 118,193; Dec. 19.
Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Book cover or similar article. 118,194; Dec. 19.
Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Book cover or similar article. 118,195; Dec. 19.
Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Book cover or similar article. 118,196; Dec. 19.
Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Book cover or similar article. 118,197; Dec. 19.
Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Book cover or similar article. 118,198; Dec. 19.
Trussell, Clarence D., assignor to Trussell Manufacturing Company, Poughkeepsie, N. Y. Book cover or similar article. 118,199; Dec. 19.
Trussell Manufacturing Company. (See Trussell, Clarence D., assignor.)
Tucker, Ruel H. (See Manchester, Eugene L., assignor.)
Tufford, Leonhard P. (See Sannar, R. E., Tufford, and Smith.)
Tull, Neta M., Oklahoma City, Okla. Shampoo apron or similar article. 113,773; Mar. 14.
Tuomey, John, Forest Hills, New York, N. Y. Projector. 114,275; Apr. 11.
Tuomey, John, New York, N. Y. Casing for a cinematograph. 118,296; Dec. 26.
Tupper, James L. (See Kahn, B. B., and Tupper.)
Turner, Archibald J., assignor to General Sports, Inc., Chicago, Ill. Soft-ball glove. 112,817; Jan. 3.
Turner, Archibald J., assignor to General Sports, Inc., Chicago, Ill. Soft-ball glove. 112,818; Jan. 3.
Turner, Archibald J., assignor to General Sports, Inc., Chicago, Ill. Soft-ball mitt. 112,819; Jan. 3.

Turner, Evelyn W., Hollywood, Calif. House dress. 114,048; Mar. 28.
Turner, George L., assignor to Reed & Barton, Taunton, Mass. Spoon or similar article. 113,025; Jan. 24.
Turner, Harry E., Pacific Palisades, assignor of one-half to A. O. Garrett, Los Angeles, Calif. Film viewing machine. 114,353; Apr. 18.
Turner & Seymour Manufacturing Company. (See Abell, John W., assignor.)
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 112,979; Jan. 17.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 113,054; Jan. 24.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 113,151; Jan. 31.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 113,152; Jan. 31.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 113,153; Jan. 31.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 113,923; Mar. 21.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 114,049; Mar. 28.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 114,311; Apr. 11.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 114,312; Apr. 11.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 114,354; Apr. 18.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 114,605; May 2.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 114,836; May 16.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 114,837; May 16.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 114,852; May 16.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 115,452; June 27.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 115,453; June 27.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 115,454; June 27.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 116,101; Aug. 8.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 116,119; Aug. 8.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 116,129; Aug. 8.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 116,420; Aug. 29.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 116,421; Aug. 29.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 116,641; Sept. 12.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 116,674; Sept. 12.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 116,893; Sept. 26.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 116,894; Sept. 26.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 116,895; Sept. 26.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 117,018; Oct. 3.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 117,156; Oct. 17.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 117,157; Oct. 17.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 118,355; Dec. 26.
Turpan, Mark, West Englewood, N. J. Textile fabric or similar article. 118,356; Dec. 26.
Tuttle, Homer S., Weedsport, N. Y. Cylinder type vacuum cleaner cabinet. 117,837; Nov. 28.
Tweeddale, Francis D., Pomona, Calif. License plate for automobiles. 115,178; June 6.
Tweeddale, Francis D., Pomona, Calif. License plate for automobiles. 116,809; Sept. 26.
Twomey, Lenora, New York, N. Y. Hair dress comb or similar article. 115,534; July 4.
Twomey, Madeline C., New York, N. Y. Combination ash tray and saucer. 115,058; May 30.
Twomey, Madeline C., Brookline, Mass. Combined stopper and fingernail polish brush. 116,066; Aug. 8.
Tygart Valley Glass Company. (See Noble, Olbert C., assignor.)
Tyler, Harry E. (See McShane, A. T., and Tyler.)
Tyson, Edmund H., Essex Fells, N. J., assignor to E. I. du Pont de Nemours & Company, Wilmington, Del. Plastic sheet or similar article. 117,826; Nov. 28.
Tyzzer, Howard J., assignor to The Crosley Radio Corporation, Cincinnati, Ohio. Radio set. 113,924; Mar. 21.
Uber, Harold R., Lakewood, assignor to The Cleveland Welding Company, Cleveland, Ohio. Chair back or similar article. 113,310; Feb. 14.
Uber, Harold R., Lakewood, assignor to The Cleveland Welding Company, Cleveland, Ohio. Chair back or similar article. 113,406; Feb. 21.
Uber, Harold R., Lakewood, assignor to The Cleveland Welding Company, Cleveland, Ohio. Chair. 113,407; Feb. 21.
Uber, Harold R., Lakewood, assignor to The Cleveland Welding Company, Cleveland, Ohio. Chair back or similar article. 113,408; Feb. 21.
Uecker, Reinhold A., D. E. Beatty, and I. G. Rambo, assignors to The Safway Steel Scaffolds Co. of Wisconsin, Wauwatosa, Wis. Scaffold end frame. 114,355; Apr. 18.
Uhlemann Optical Company of Illinois. (See Uhlemann, William R., assignor.)
Uhlemann, William R., Evanston, assignor to Uhlemann Optical Company of Illinois, Chicago, Ill. Pair of spectacles. 117,766; Nov. 21.
Uihlein, George V., Worcester, Mass. Rug or similar article. 117,134; Oct. 10.
Uihlein, George V., Worcester, Mass. Rug or similar article. 117,462; Nov. 7.
Uihlein, George V., Worcester, Mass. Carpet or similar article. 117,624; Nov. 14.
Uihlein, George V., Worcester, Mass. Carpet or similar article. 117,737; Nov. 21.
Uihlein, George V., Worcester, Mass. Carpet or similar article. 117,738; Nov. 21.
Uihlein, George V., Worcester, Mass. Rug or similar article. 118,182; Dec. 19.
Uhlir, Joseph F., Chicago, Ill. Combined pin cushion and spool holder. 115,696; July 11.
Ullmo, André A., Cleveland Heights, Ohio. Manicure lamp or similar article. 115,677; July 11.
Underwood, Chester R., Jackson, Miss. Jar. 113,055; Jan. 24.
Underwood, John A., Evanston, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Cooking range. 116,389; Aug. 29.
Underwood, John A., Evanston, assignor to Montgomery Ward & Co., Incorporated, Chicago, Ill. Cooking range. 116,390; Aug. 29.
U-Need-A-Pak Products Corporation. (See Steiner, Louis, assignor.)
Union Special Machine Company. (See Christensen, Norman V., assignor.)
Unit Venetian Blind Supply Co. (See Nisenson, Jules, assignor.)
United-Carr Fastener Corporation. (See Lowenstein, Casper, assignor.)
United Shoe Machinery Corporation. (See Ochs, Frederick W., assignor.)
United Shoe Machinery Corporation. (See Prahl, Frederick, A., Jr., assignor.)
United Shoe Machinery Corporation. (See Prahl, F. A., Jr., and Bell, assignors.)
United States Air Compressor Company, The. (See Shaw, Dugald A., assignor.)
United States Glass Company. (See Kelly, Robert A., assignor.)
United States Hoffman Machinery Corporation. (See Failmezger, Eugene A., assignor.)
U. S. Manufacturing Corporation. (See Platt, Stephen A., assignor.)
United States Rubber Company. (See Bovay, Norman E., assignor.)
United States Rubber Company. (See Cairns, William F., assignor.)
United States Rubber Company. (See Craver, Bates B., assignor.)
United States Rubber Company. (See Fitzgerald, Lucille B., assignor.)
United States Rubber Company. (Se Lombard, Ralph S., assignor.)
U. S. Slicing Machine Company. (See Ahrndt, Arthur H., assignor.)
United States Travelware Corporation. (See Hobbs, Laurence G., assignor.)
Universal Camera Corporation. (See Githens, O. W., and Kende, assignors.)
Universal Chain Co. (See Augenstein, Eugen, assignor.)
Universal Chain Co. Inc. (See Dieterich, Frederick A., assignor.)
Universal Cooler Corporation. (See Higham, William W., assignor.)
Universal Dental Company. (See Barnes, Glenn A.)
Universal Optical Corporation. (See Marciano, Gerardo F., assignor.)
Universal Potteries, Inc. (See Titze, Walter K., assignor.)
Universal Stamping & Mfg. Co. (See Shapiro, Abraham, assignor.)
Universal Trunk Company. (See Hamlin, Benjamin M., assignor.)
Unschuld, Henry, Chicago, Ill. Weighing scale. 116,302; Aug. 22.
Unterreiner, Victor, Budapest, Hungary. Scarf. 114,877; May 16.
Uphues, Frank P., assignor to Crane Co., Chicago, Ill. Combined tank, bowl, and bowl support. 116,810; Sept. 26.
Upson, Walter L., Litchfield, assignor to The Torrington Manufacturing Co., Torrington, Conn. Propeller type fan. 117,860; Nov. 28.
Upton, Clifford D., Covington, Ohio. Crutch or similar article. 114,912; May 23.
Urbanek, James F., Elmwood Park, Ill. Merchandise display stand. 115,303; June 20.
Utah Radio Products Company. (See Barrett, Edward L., assignor.)

Uttz, William A., Sr., assignor to H. L. Collins, Sr., Fort Worth, Tex. Animal trap. 112,969; Jan. 17.
Vaccaro, Mrs. Steven L., Jr., administratrix. (See Vaccaro, Steven L., Jr.)
Vaccaro, Steven L., Jr., deceased, New Orleans, La.; Mrs. S. L. Vaccaro, Jr., administratix. Vehicle body. 117,985; Dec. 5.
Vaclavik, Vincent F., St. Louis, Mo. Combined cooling and serving cabinet. 116,454; Sept. 5.
Vaiana, Frank, Alhambra, Calif. Safety glove or similar article. 117,081; Oct. 10.
Vaisey, Harold C., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Alphabet letters for forming monograms. 113,958; Mar. 21.
Vaisey, Harold C., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Garment clasp. 114,050; Mar. 28.
Vaisey, Harold C., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Alphabet for forming monograms. 116,923; Oct. 3.
Vaisey, Harold C., assignor to Hickok Manufacturing Company, Inc., Rochester, N. Y. Medal or the like. 118,028; Dec. 12.
Valenti, Providence, New York, N. Y. Dress. 112,820; Jan. 3.
Valenzuela, Pedro G., and E. S. Castro, Kapapala, Pahala, Kau, Hawaii. Game table. 114,650; May 9.
Vallon, Samuel, San Francisco, Calif. Knife rack. 115,013; May 30.
Vamos, Alfred, New York, N. Y. Shoe. 116,924; Oct. 3.
Vamos, Alfred, New York, N. Y. Shoe. 116,925; Oct. 3.
Van Auken, Charles M., Highland Park, Mich. Radiator grille guard. 113,691; Mar. 7.
Vancil, Edgar D., and E. C. Raehrs, assignor to The Cincinnati Milling Machine Co., Cincinnati, Ohio. Machine tool unit. 115,223; June 13.
Van Cott, Kenneth, New York, N. Y. Combined bracelet and memo pad. 113,859; Mar. 21.
Vandenberg, John. (See Kent, F. T., and Vandenberg.)
Vanderput, Anthony W., Los Angeles, Calif. Store building. 117,588; Nov. 14.
Van Doren, Harold. (See Ernst, W., and Van Doren.)
Van Doren, Harold. (See Smith, T. R., and Van Doren.)
Van Doren, Harold, and W. Johnson, Toledo, assignors to The Aro Equipment Corporation, Bryan, Ohio. Cabinet for greasing equipment or the like. 114,774; May 16.
Van Doren, Harold, Toledo, Ohio, assignor to Baker Perkins Company, Inc., Saginaw, Mich. Dough mixer. 115,511; July 4.
Van Doren, Harold, Toledo, and G. Geiger, Mount Gilead, Ohio, assignors to The Hydraulic Development Corporation, Inc., Wilmington, Del. Radial pump unit. 116,252; Aug. 22.
Van Doren, Harold, Toledo, and G. Geiger, Mount Gilead, Ohio, assignors to The Hydraulic Development Corporation, Inc., Wilmington, Del. Radial pump. 116,253; Aug. 22.
Van Doren, Harold L., assignor to The American-National Company, Toledo, Ohio. Chair back or similar article. 116,811; Sept. 26.
Van Doren, Harold, and J. M. Little, Toledo, Ohio, assignors to Baker Perkins Inc., Saginaw, Mich. Dough divider. 118,271; Dec. 26.
Van Gaasbeek, William H., East Orange, N. J. Artificial horizon. 116,941; Oct. 3.
Van Guilder, Walter. (See Newman, A. I., and Van Guilder.)
Van Ostrom, William M., Cranford, N. J. Cap for a bottle or similar container. 117,300; Oct. 24.
Van Schuck, Leon F., New Orleans, La. Combined radio and advertising display. 116,093; Aug. 8.
Van Sciver, Hugh R. (See Andersen, L., Fredrickson, Newman, Van Sciver, and Zinkil.)
Van Sciver, Hugh R. (See Andersen, L., Fredrickson, Van Sciver, and Zinkil.)
Van Tuyl, Sidney, Berwyn, assignor to C. R. Kirk, River Forest, Ill. Vending machine cabinet. 113,543; Feb. 28.
Van Veen, George C., Chicago, Ill., assignor to The Pharis Tire and Rubber Company, Newark, Ohio. Tire construction display unit. 117,914; Dec. 5.
Van Woert, Kenneth B., Sr., Oakland, Calif. Egg beater. 112,953; Jan. 17.
Vassos, John, New Canaan, Conn. Bicycle. 113,584; Feb. 28.
Vassos, John, New Canaan, Conn., assignor to Remington Arms Company, Inc. Bicycle. 112,889; Jan. 10.
Vassos, John, New Canaan, Conn., assignor to Remington Arms Company, Inc. Cleaver knife. 113,026; Jan. 24.
Vassos, John, New Canaan, Conn., assignor to M. Hohner, Inc., New York, N. Y. Harmonica. 116,067; Aug. 8.
Vassos, John, New Canaan, Conn., assignor to M. Hohner, Inc., New York, N. Y. Harmonica. 116,068; Aug. 8.
Vassos, John, New Canaan, Conn., assignor to M. Hohner, Inc., New York, N. Y. Harmonica. 116,069; Aug. 8.
Vaughan & Bushnell Mfg, Co. (See Vaughan, Sanford S., assignor.)
Vaughan, Sanford S., Oak Park, Ill. Hatchet. 117,803; Nov. 28.
Vaughan, Sanford S., Oak Park, assignor to Vaughan & Bushnell Mfg Co., Chicago, Ill. Hatchet head. 115,256; June 13.
Vaughn, Henry P., assignor to Grand Rapids Store Equipment Co., Grand Rapids, Mich. Display case. 116,152; Aug. 15.
Vaughn, Henry P., assignor to Grand Rapids Store Equipment Co., Grand Rapids, Mich. Display case. 116,153; Aug. 15.
Vaughn, Henry P., assignor to Grand Rapids Store Equipment Co., Grand Rapids, Mich. Display case. 116,455; Sept. 5.
Vaughn, Henry P., assignor to Grand Rapids Store Equipment Co., Grand Rapids, Mich. Display case. 116,456; Sept. 5.
Vaughn, Henry P., assignor to Grand Rapids Store Equipment Co., Grand Rapids, Mich. Display case. 117,463; Nov. 7.
Vavrik, Louis, Rossford, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Chair. 112,866; Jan. 10.
Vavrik, Louis, Rossford, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Glider. 112,867; Jan. 10.
Vavrik, Louis, Rossford, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Chair. 112,868; Jan. 10.
Vavrik, Louis, Rossford, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Chair. 112,869; Jan. 10.
Vavrik, Louis, Rossford, and C. E. Friesner, assignors to The Hettrick Manufacturing Company, Toledo, Ohio. Glider frame. 112,870; Jan. 10.
Vavrik, Louis, Rossford, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. Table. 113,409; Feb. 21.
Vendo Company, The. (See Hagstrom, Joseph E., assignor.)
Verhagen, Christian M., Elkhart, Ind., assignor to The Adlake Company. Combined baggage rack and lighting fixture, or similar article. 118,272; Dec. 26.
Vernon, William F., Newton, Iowa. Door pull. 117,464; Nov. 7.
Verrand, Mamie, New York, N. Y. Dress. 117,135; Oct 10.
Verrecchio, Gene, Providence, R. I., assignor to Cohn & Rosenberger Inc., New York, N. Y. Pin clip. 117,802; Nov. 28.
Vertuno, Daniel E. (See Storey, E. A., and Vertuno.)
Viatour, Jean, Soignies, Belgium, assignor to Libbey Glass Company, Toledo, Ohio. Tumbler. 114,568; May 2.
Victor Adding Machine Company. (See Kropp, Willis A., assignor.)
Victor Metal Products Corporation. (See Jung, Albert H., assignor.)
Vischer, Alfred, Jr., Park Ridge, assignor to Vischer Products Company, Chicago, Ill. Pressure cooker. 113,027; Jan. 24.
Vischer Products Company. (See Vischer, Alfred, Jr., assignor.)
Vise, Boyce M., assignor of one-half to S. R. Coleman, Columbia, S. C. Bottle dispensing refrigerator or the like. 114,569; May 2.
Vitamins Plus, Inc. (See Sell, Henry B., assignor.)
Vivaudou, Jean E., and H. G. Lubin, New York, N. Y. Sachet ball. 115,972; Aug. 1.
Vivaudou, Jean E., and H. G. Lubin, New York, N. Y. Sachet. 117,208; Oct. 17.
Vodoz, Frederick W., Wilmette, Ill., and A. H. Haberstump, Detroit, Mich., assignors to The Murray Corporation of America, Detroit, Mich. Stoker. 115,434; June 27.
Vogel, Max, Bridgeport, Conn. Paper clip. 116,969; Oct. 3.
Volk, Paul F., Warwick, assignor to Carl-Art, Inc., Providence, R. I. Jewelry finding for chains or the like. 114,244; Apr. 11.
Volupte, Inc. (See Derr, Clyde, assignor.)
Volupte, Inc. (See Gaige, Richard T., assignor.)
Von Ehrn, Carl W., assignor to Holyoke Card & Paper Company, Springfield, Mass. Decorative paper. 113,925; Mar. 21.
Von Ehrn, Carl W., assignor to Holyoke Card & Paper Company, Springfield, Mass. Decorative paper. 115,279; June 13.
Von Eisenbarth, August, Bronxville, N. Y. Textile fabric or similar article. 114,356; Apr. 18.
Von, Frank, Los Angeles, Calif. Manicure drier. 113,643; Mar. 7.
Von Godin, Wilhelmine, New York, N. Y. Rug. 116,870; Sept. 26.
Von Kohorn zu Kornegg, Oscar F., assignor to Oscar Kohorn & Co., Ltd., New York, N. Y. Filter body. 116,209; Aug. 15.
Von Nessen, Walter, New York, N. Y., assignor to Chase Brass & Copper Co., Incorporated, Waterbury, Conn. Handle for chafing dishes, toasters, and the like. 113,410; Feb. 21.
Voorhees, Ralph S., Jr., Rochester, N. Y. Combined dental table and cabinet. 112,970; Jan. 17.
Voorsanger, Leon M., Larkspur, assignor to Lyons-Magnus, Inc., San Francisco, Calif. Glass bottle or similar article. 113,445; Feb. 21.
Vose, Walter F., assignor to J. P. Seeburg Corporation, Chicago, Ill. Cooler cabinet or the like. 115,136; June 6.

Vuillemenot, Frederic A., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizer. 114,242; Apr. 11.
Vuillemenot, Frederic A., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizer. 114,243; Apr. 11.
Vuillemenot, Frederic A., assignor to The De Vilbiss Company, Toledo, Ohio. Perfume atomizer. 114,570; May 2.
Vuillemenot, Frederic A., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizer. 114,571; May 2.
Vuillemenot, Frederic A., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizer. 115,137; June 6.
Vuillemenot, Frederic A., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizing device. 115,138; June 6.
Vuillemenot, Frederic A., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizer. 115,243; June 13.
Vuillemenot, Frederic A., assignor to The De Vilbiss Company, Toledo, Ohio. Atomizer. 118,228; Dec. 26.
Vulcan Corporation. (See Stafford, Wendell, assignor.)
Vulcan Corporation. (See Timberlake, Lawrence E., assignor.)
Wadsworth Watch Case Company, The. (See Stegeman, Albert V., Jr., assignor.)
Wagman, Aleck E., Dorchester, Mass. Shoe or similar article. 113,126; Jan. 31.
Wagner Electric Corporation. (See Cox, John C., assignor.)
Wagner, Nicholas W., Jamaica, assignor to Cypress Novelty Corporation, Brooklyn, N. Y. Candle holder. 113,056; Jan. 24.
Wahl, Charles, New York, N. Y. Ornamental belt. 115,987; Aug. 1.
Wahl, Robert W., Broken Bow, Nebr. Combined grave preserver and marker. 114,245; Apr. 11.
Waite Carpet Company. (See Beck, August, assignor.)
Waite, Fred M., Saranac Lake, N. Y. Combined hair pomade and holder therefor. 115,678; July 11.
Wales, Burton L., Abington, assignor to The Stetson Shoe Company, Incorporated, Weymouth, Mass. Shoe. 114,606; May 2.
Wales, George F., Buffalo, assignor to American Radiator Company, New York, N. Y. Display stand. 113,411; Feb. 21.
Walker, Albert M., Akron, assignor to The Bailey-Walker China Company, Bedford, Ohio. Plate or similar article. 113,311; Feb. 14.
Walker, Albert M., Akron, assignor to The Bailey-Walker China Company, Bedford, Ohio. Plate or similar article. 113,774; Mar. 14.
Walker, Albert M., Akron, assignor to The Bailey-Walker China Company, Bedford, Ohio. Plate or similar article. 115,840; July 25.
Walker, George W., Pleasant Ridge, assignor to Detrola Corporation, Detroit, Mich. Radio cabinet. 114,651; May 9.
Walker, Katherine F., Sioux City, Iowa. Mimeograph equipment board. 114,357; Apr. 18.
Walker, Ralph M., Atlanta, Ga. Weatherproof box for electrical devices. 117,420; Oct. 31.
Walker, Ross B., et al. (See Compton, Beaulard J., assignor.)
Walklet, Mercer D., Akron, Ohio, assignor to American Chain & Cable Company, Inc. Automobile bumper guard. 116,070; Aug. 8.
Walklet, Mercer D., Akron, Ohio, assignor to American Chain & Cable Company, Inc. Automobile bumper guard. 116,071; Aug. 8.
Walkley, James M., assignor of twenty-five percent to J. W. Shelton, twenty-five percent to R. P. Kelley, and fifteen percent to E. Heichelbech, Akron, Ohio. Combined clock and smoking stand. 114,668; May 9.
Wallace, Alvie T. (See Steeb, E., and Wallace.)
Wallace, David A., Detroit, Mich. Sandwich. 114,775; May 16.
Wallace R., & Sons Manufacturing Company. (See Warren, William S., assignor.)
Walters, Charles G., Storm Lake, and K. R. Knowles, Spencer, Iowa. Pump. 114,669; May 9.
Walters, Joseph C., Philadelphia, Pa., assignor to John Hoffmann & Sons Company, Milwaukee, Wis. Bag. 112,971; Jan. 17.
Walther, John L., New York, N. Y. Woven textile fabric. 116,198; Aug. 15.
Walther, John L., New York, N. Y. Woven textile fabric. 116,422; Aug. 29.
Walther, John L., New York, N. Y. Woven textile fabric. 116,675; Sept. 12.
Walther, John, New York, N. Y. Textile fabric. 118,324; Dec. 26.
Waltman, Chauncey E., Chicago, assignor to Altorfer Bros. Company, Peoria, Ill. Wringer. 114,094; Apr. 4.
Waltman, Chauncey E., Chicago, assignor to Benjamin Electric Mfg. Company, Des Plaines, Ill. Lighting fixture. 115,014; May 30.
Waltman, Chauncey E., Chicago, assignor to The Howell Company, St. Charles, Ill. Smoking stand. 116,175; Aug. 15.
Waltman, Chauncey E., Chicago, assignor to The Howell Company, St. Charles, Ill. Smoking stand. 116,176; Aug. 15.
Waltman, Chauncey E., Chicago, Ill., assignor to The Howell Company, St. Charles, Ill. Smoking stand. 116,586; Sept. 12.
Waltman, Chauncey E., Chicago, assignor to The Howell Company, St. Charles, Ill. Smoking stand. 116,970; Oct. 3.
Walton, A. G., & Co. (See McCarthy, Eugene J., assignor.)
Ward, Lee C., assignor to Tru-Ade Inc., Los Angeles, Calif. Bottle. 115,163; June 6.
Ward, Miriam E., Leominster, England. Dress. 116,759; Sept. 19.
Ward, Montgomery, & Co. (See Evans, Clinton T., assignor.)
Ward Products Corporation, The. (See Kopanski, Roman, assignor.)
Ward Products Corporation, The. (See Wiesenberger, Ralph N., assignor.)
Warren Telechron Company. (See Bruce, Leo I., assignor.)
Warren Telechron Company. (See Goulet, Robert W., assignor.)
Warren Telechron Company. (See Williams, Findley, assignor.)
Warren, William S., Meriden, assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or other article of flatware. 114,126; Apr. 4.
Warren, William S., Meriden, assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or other article of flatware. 114,127; Apr. 4.
Warren, William S., Meriden, assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or other article of flatware. 114,128; Apr. 4.
Warren, William S., Meriden, assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Mirror or similar article. 117,409; Oct. 31.
Warren, William S., Meriden, assignor to R. Wallace & Sons Manufacturing Company, Wallingford, Conn. Spoon or other article of flatware. 117,940; Dec. 5.
Warshauer, Benjamin, Stockton, Calif. Shoe. 115,697; July 11.
Warshaw, Samuel M., New York, N. Y. Shirt. 113,886; Mar. 21.
Wartsky, Morris, New York, N. Y. Bolero. 115,988; Aug. 1.
Warwick Manufacturing Corporation. (See Brittan, Gordon G., assignor.)
Washburn Company, The. (See Dreyfuss, Henry, assignor.)
Washburn, Donald K., Huntington Park, Calif. Bottle carrier. 114,034; Mar. 28.
Washington, James E., Portsmouth, Va. Abbreviated shirt. 113,469; Feb. 21.
Wasserman, Abraham, Brooklyn, N. Y. Slipper. 117,209; Oct. 17.
Waterbury Button Company, The. (See Hersey, William A., assignor.)
Waterfield, James, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth or similar article. 117,082; Oct. 10.
Waterfield, James, assignor to Quaker Lace Company, Philadelphia, Pa. Lace tablecloth or similar article. 117,083; Oct. 10.
Watling, Burns S., assignor to Watling Scale Company, Chicago, Ill. Scale. 114,572; May 2.
Watling, Burns S., assignor to Watling Scale Company, Chicago, Ill. Weighing scale. 115,944; Aug. 1.
Watling, John, assignor to Watling Scale Company, Chicago, Ill. Scale panel. 117,604; Nov. 14.
Watling Scale Company. (See Watling, Burns S., assignor.)
Watling Scale Company. (See Watling, John, assignor.)
Watling, William, Chicago, Ill. Weighing scale. 116,177; Aug. 15.
Watling, William, Chicago, assignor to F. Moeller, Wheeling, Ill. Weighing scale. 118,273; Dec. 26.
Watson, Arthur C., Marietta, Ohio. Rotatable neon sign. 116,926; Oct. 3.
Watson Company, The. (See Brown, William T., assignor.)
Watson, John F., Maplewood, N. J., assignor to The Borden Company, New York, N. Y. Bottle. 112,798; Jan. 3.
Watson, John F., Maplewood, N. J., assignor to The Borden Company, New York, N. Y. Bottle. 112,799; Jan. 3.
Watson, John F., Maplewood, N. J., assignor to The Borden Company, New York, N. Y. Bottle. 112,800; Jan. 3.
Watson, Hubert C., New York, N. Y. Overshoe. 114,035; Mar. 28.
Watson, Max, assignor to Jubilee Manufacturing Company, Omaha, Nebr. Display stand for automobile horns. 117,915; Dec. 5.
Watter, Michael, assignor to The Glenn L. Martin Company, Baltimore, Md. Airplane. 113,775; Mar. 14.
Waugh, Gwenyth, New York, N. Y. Textile fabric or similar article. 113,827; Mar. 14.
Waugh, Gwenyth, New York, N. Y. Textile fabric or similar article. 113,828; Mar. 14.
Waugh, Gwenyth, New York, N. Y. Textile fabric or similar article. 114,163; Apr. 4.
Waxelbaum, Sol J., Atlanta, Ga. Pump. 118,297; Dec. 26.
Weaver, Walter E., Houston, Tex. Pipe holder. 117,158; Oct. 17.
Webb, William T., Daly City, Calif. Hat display holder. 118,029; Dec. 12.

Weber Dental Manufacturing Company, The. (See McDonald, Thomas M., assignor.)
Weber Dental Manufacturing Company, The. (See McDonald, T. M., and Monnot, assignors.)
Weber Dental Manufacturing Company, The. (See Monnot, Edward L., assignor.)
Weber, Frank R., Troy, assignor to Mohawk Brush Company, Albany, N. Y. Combination cloth and hair brush. 118,061; Dec. 12.
Weber, Irving, New York, N. Y. Dress. 117,658; Nov. 14.
Webster, Jeanne K., Galveston, Tex. Combined piano case, radio, phonograph, and music cabinet. 117,589; Nov. 14.
Wechsler, Daniel A., New York, N. Y. Textile fabric or similar article. 118,325; Dec. 26.
Wechsler, Daniel A., New York, N. Y. Textile fabric or similar article. 118,326; Dec. 26.
Wechsler, Daniel A., New York, N. Y. Textile fabric or similar article. 118,357; Dec. 26.
Wechter, Louis, Brooklyn, N. Y. Slipper. 113,412; Feb. 21.
Wedgwood, Josiah, & Sons, Inc., of America. (See Skellern, Victor, assignor.)
Wege, John P., assignor to Amity Leather Products Co., West Bend, Wis. Billfold. 114,479; Apr. 25.
Wege, John P., assignor to Amity Leather Products Co., West Bend, Wis. Billfold. 114,480; Apr. 25.
Wegman, Evert S., East Longmeadow, and R. E. Kruck, Springfield, Mass. Beverage cooler cabinet. 115,015; May 30.
Weidner, Victor, Port Washington, assignor to The Western Union Telegraph Company, New York, N. Y. Teleprinter cabinet. 114,164; Apr. 4.
Weidner, Victor, Port Washington, assignor to The Western Union Telegraph Company, New York, N. Y. Display stand. 114,776; May 16.
Weidner, Victor, Port Washington, assignor to The Western Union Telegraph Company, New York, N. Y. Teleprinter cabinet. 117,535; Nov. 7.
Weidner, Victor, Port Washington, assignor to The Western Union Telegraph Company, New York, N. Y. Teleprinter cabinet. 117,536; Nov. 7.
Weil, Joseph, Brooklyn, N. Y. Brush or similar article. 116,072; Aug. 8.
Weill, Samuel, New York, N. Y. Ensemble dress. 114,036; Mar. 28.
Weill, Samuel, New York, N. Y. Ensemble dress. 114,037; Mar. 28.
Weill. Samuel, New York, N. Y. Ensemble dress. 114,838; May 16.
Weiner, Ben, Lewiston, Maine. Shoe. 113,644; Mar. 7.
Weiner, Ben, Lewiston, Maine. Shoe. 116,754; Sept. 19.
Weingarten, Jack H., New York, N. Y. Slide fastener closure. 113,127; Jan. 31.
Weinstein, Benjamin, New York, N. Y. Dress. 117,891; Nov. 28.
Weinstein, Herman, New York, N. Y. Coat. 114,304; Apr. 11.
Weiss, Albert S., Cleveland, Ohio. Box or similar article. 117,986; Dec. 5.
Weiss, Eugene, New York, N. Y. Pencil sharpener. 112,801; Jan. 3.
Weiss, Jacob M., Brooklyn, N. Y. Combined sandglass timer and case. 113,982; Mar. 28.
Weiss, Leo L., New York, N. Y. Stuffed animal toy. 115,572; July 4.
Weiss, Roger, Brooklyn, N. Y., assignor to Primrose Tapestry Co. Inc., Rome, Ga. Textile fabric or similar article. 117,644; Nov. 14.
Weisser, Karl, Union City, assignor to David Kahn, Inc., North Bergen Township, Hudson County, N. J. Fountain pen and pencil clip. 114,095; Apr. 4.
Welch, Fred S., and G. O. White, assignors to Clyde S. Payne, Jr., Los Angeles, Calif. Toy. 118,062; Dec. 12.
Welch, Kenneth C., assignor to Grand Rapids Store Equipment Company, Grand Rapids, Mich. Lighting fixture. 117,301; Oct. 24.
Welham, Alfred L. (See Pellegrin, E. D., and Welham.)
Welky, John J., Hazleton, Pa. Milk bottle. 114,246; Apr. 11.
Weller, Ernest E., Cranston, R. I. Tassel. 114,853; May 16.
Wellins, Sidney, New York, N. Y. Dress. 118,314; Dec. 26.
Wellins, Sidney, New York, N. Y. Dress. 118,315; Dec. 26.
Wellins, Sidney, New York, N. Y. Dress ensemble. 118,327; Dec. 26.
Wellins, Sidney, New York, N. Y. Dress ensemble. 118,328; Dec. 26.
Wellman, John H., East Cleveland, Ohio. Drinking glass. 113,154; Jan. 31.
Wells, Alvin W., Chicago, assignor of one-half to J. W. Wells, Decatur, Ill. Loud speaker cabinet. 116,316; Aug. 22.
Wells, Jewell W. (See Wells, Alvin W., assignor.)
Wells, Walter O., Elkhart, Ind. Trailer. 114,385; Apr. 18.
Welsh, Albert D., Ladue, Mo. Baby swing. 116,317; Aug. 22.
Wendler, William J., North Tonawanda, assignor to Allan Herschell Company, Incorporated, Tonawanda, N. Y. Amusement device. 115,224; June 13.
Wengen, Frank J., assignor to Eagle Knitting Mills, Inc., Milwaukee, Wis. Cap. 114,980; May 23.
Wenger, Georg, assignor to George Wenger Corporation, New York, N. Y. Carrying case. 115,862; July 25.
Wenger, Georg, Corporation. (See Wenger, Georg, assignor.)
Wennerholm, Hugh A., Santa Monica, Calif. Photographic exposure calculator. 118,063; Dec. 12.
Werman, Jack, Brooklyn, N. Y. Vamp of a shoe. 112,802; Jan. 3.
Werner, Alfred M., New York, N. Y. Textile fabric. 116,637; Sept. 12.
Werner, Alfred M., New York, N. Y. Textile fabric. 117,386; Oct. 31.
Wersching, Nicholas L., New York, N. Y. Textile fabric or similar article. 117,410; Oct. 31.
West Bend Aluminum Company. (See Kircher, Ralph N., assignor.)
West Bend Aluminum Co. (See Ramsthal, Alfred F., assignor.)
West, Carmon E., Sylvania, assignor to The Hettrick Manufacturing Company, Toledo, Ohio. End frame for chairs, tables, or the like. 117,739; Nov. 21.
West, David, Dalegarth, Woodwaye, Oxhey, Watford, assignor to Saville Perfumery Limited, Watford, England. Combined perfume container and support therefor. 113,887; Mar. 21.
West, John W., Maplewood, N. J., assignor to Joe Lowe Corporation, New York, N. Y. Mold displacing apparatus. 113,247; Feb. 7.
West, Peter S. L., Brooklyn, N. Y. Aeroplane. 116,326; Aug. 22.
Wester Bros. (See Wester, Herbert, assignor.)
Wester, Herbert, Millburn, N. J., assignor to the firm Wester Bros., New York, N. Y. Pair of shears. 115,945; Aug. 1.
Western Cartridge Company. (See Pugsley, Edwin, assignor.)
Western Cataphote Corporation. (See Happel, Albert W., assignor.)
Western Railway Equipment Company. (See Campbell, S. H., and Pietzsch, assignors.)
Western States Wholesale Music Corporation. (See Kislingbury, Fred H., assignor.)
Western Union Telegraph Company, The. (See Weidner, Victor, assignor.)
Westfall, William R. (See Kent, E. S., and Westfall.)
Westinghouse Electric & Manufacturing Company. (See Barnsteiner, A., and Hadley, assignors.)
Westinghouse Electric & Manufacturing Company. (See Breckenridge, Frank, assignor.)
Westinghouse Electric & Manufacturing Company. (See Haas, Carl F., assignor.)
Westinghouse Electric & Manufacturing Company. (See Hadley, Donald L., assignor.)
Westinghouse Electric & Manufacturing Company. (See Harms, Joe G., assignor.)
Westinghouse Electric & Manufacturing Company. (See Kruck, Ralph E., assignor.)
Westinghouse Electric & Manufacturing Company. (See Russell, W. J., & Hadley, assignor.)
Westinghouse Electric & Manufacturing Company. (See Russell, W. J., and Yerigan, assignors.)
Weston Electrical Instrument Corporation. (See Dowden, James B., assignor.)
Weston, Eugen W., Elginburgh, Ontario, Canada. Bottle capper casing or the like. 115,573; July 4.
Wethington, Adolph J., Dayton, Ohio. Directory. 118,030; Dec. 12.
Weyand, Joseph R., St. Louis, Mo. Shoe. 118,141; Dec. 19.
Wheeler, Elmer C. (See Hazelwood, F. P., Sherman, and Wheeler.)
Wheeler, Henry H., Brooklyn, N. Y., and H. Rosengren, Woodcliffe Lake, N. J., assignors to International Cigar Machinery Company. Cigar machine or similar article. 115,435; June 27.
Whelan, Daniel P., Merrick, N. Y. Transparent bar. 116,073; Aug. 8.
White, Dexter G., Philadelphia, Pa. Traveling bag. 113,446; Feb. 21.
White, Edward J., Newark, N. J. Electric lamp. 117,084; Oct. 10.
White, Glyn O. (See Welch, F. S., and White.)
White, H. N., Company, The. (See White, Henderson N., assignor.)
White, Henderson N., assignor to The H. N. White Company, Cleveland, Ohio. Neck strap attachment for a saxophone. 115,354; June 20.
Whitehouse, John N., Camden, N. J. Cuticle remover. 113,776; Mar. 14.
White-Lamkin, Inc. (See Lamkin, Joseph H., assignor.)
Whiting, Norma S., South Hadley, assignor to Pro-phylac-tic Brush Company, Northampton, Mass. Mirror back or similar article. 115,863; July 25.
Whiting, Norma S., South Hadley, assignor to Pro-phylac-tic Brush Company, Northampton, Mass. Brush back or similar article. 115,864; July 25.
Whitted, John B. (See Christensen, O. Neil, assignor.)
Wicha, Sarah, New York, N. Y. Dress. 114,971; May 23.
Widess, David, Pasadena, Calif. Finger ring or similar article. 118,031; Dec. 12.
Wieder, Emanuel. (See Friend, L., and Wieder.)

Wiesenberger, Ralph N., assignor to The Ward Products Corporation, Cleveland, Ohio. Automobile grille protector. 114,247; Apr. 11.
Wiffler, Minerva R. (See Marsh, E. D., and Wiffler.)
Wigley, John T., assignor to Onondaga Pottery Company, Syracuse, N. Y. Plate or similar article. 114,573; May 2.
Wightman, Henry H., Vancouver, British Columbia, Canada. Novelty puzzle. 116,469; Sept. 5.
Wilcox, Ralph R., Jr., Alhambra, Calif. Tricycle. 113,888; Mar. 21.
Wilde, Hans W., Cliffside Park, N. J. Textile fabric. 118,183; Dec. 19.
Wile, Oscar J., assignor to Schenley Import Corporation, New York, N. Y. Bottle. 118,316; Dec. 26.
Wiley-Bickford-Sweet Corp. (See Bickford, Ernest A., assignor.)
Wiley, Clarence F., Norton, assignor to Glenwood Range Company, Taunton, Mass. Range. 115,059; May 30.
Wiley, Clarence F., Norton, assignor to Glenwood Range Company, Taunton, Mass. Baffle plate for oil burning stoves. 115,946; Aug. 1.
Wilhide, Glenn C., assignor to The Black & Decker Manufacturing Company, Towson, Md. Portable power driven tool unit. 113,355; Feb. 14.
Wilhide, Glenn C., assignor to The Black & Decker Manufacturing Company, Towson, Md. Portable power driven tool unit. 113,447; Feb. 21.
Willa, Susanne, New York, N. Y. Doll or similar article. 112,972; Jan. 17.
Willcox & Gibbs Sewing Machine Company. (See Cumfer, Donald A., assignor.)
Willcox & Gibbs Sewing Machine Company. (See Lewis, Griffith B., assignor.)
Willhelmy, Glenn E., assignor to Puritan Compressed Gas Corporation, Kansas City, Mo. Nasal inhaler. 118,142; Dec. 19.
Williams, Alfred O. (See Burrows, R. J., and Williams.)
Williams, Arthur F., assignor to Wils-edge Corporation, St. Paul, Minn. Pair of semirimless spectacles. 118,298; Dec. 26.
Williams, Edward M., Detroit, Mich. Cabinet or similar article for smoking tobacco and game equipment. 115,535; July 4.
Williams, Findley, Park Ridge, Ill., assignor to Warren Telechron Company, Ashland, Mass. Clock case. 117,916; Dec. 5.
Williams, Findley, Park Ridge, Ill., assignor to Warren Telechron Company, Ashland, Mass. Clock case. 118,143; Dec. 19.
Williams, Frederick W. (See Rodgers, Annetta K., assignor.)
Williams, Milford L., Moline, Ill. Electric water pump unit. 115,244; June 13.
Williams, Othneil G., Winsted, Conn. Clock case. 115,436; June 27.
Williams, Rachel D., New Rochelle, N. Y. Garment form. 116,587; Sept. 12.
Williams, Robert G., Toledo, Ohio. Flashlight. 113,413; Feb. 21.
Williams, Thomas J., Chicago, Ill. Insect trap or similar article. 117,114; Oct. 10.
Willoughby, Walter J., Jr., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Display cabinet. 113,312; Feb. 14.
Willoughby, Walter J., Jr., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Display cabinet. 113.313; Feb. 14.
Willoughby, Walter J., Jr., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Display cabinet. 113,314; Feb. 14.
Willoughby, Walter J., Jr., Berkeley, assignor to Standard Oil Company of California, San Francisco, Calif. Display cabinet. 113,315; Feb. 14.
Willson Products, Inc. (See Willson, Thomas A., assignor.)
Willson, Thomas A., Wyomissing, assignor to Willson Products, Inc., Reading, Pa. Goggles. 115,437; June 27.
Willys-Overland Motors, Inc. (See De Smet, Edgard C., assignor.)
Willys-Overland Motors, Inc. (See Merillat, Harold E., assignor.)
Wilmet, Georges, Roslyn, N. Y., assignor to Motor Wheel Corporation, Lansing, Mich. Cabinet for circulating heater. 115,463; June 27.
Wilmet, Georges, Roslyn, assignor to American Safety Razor Corporation, Brooklyn, N. Y. Dry shaver casing. 116,871; Sept. 26.
Wilmet, Georges, Roslyn, N. Y., D. F. Jones, and J. W. Miller, assignors to Motor Wheel Corporation, Lansing, Mich. Air circulating unit. 117,235; Oct. 17.
Wilmsen, Bernard. (See Kranz, P., and Schmid, assignors.)
Wils-edge Corporation. (See Williams, Arthur F., assignor.)
Wilson, Donald P., Minneapolis, Minn., assignor to McQuay, Inc. Overhead air conditioning appliance. 113,339; Feb. 14.
Wilson, Harold D. (See Birdseye, C., Wilson, and Heath.)
Wilson, Harold F., Los Angeles, Calif. Mounting for fishing reels. 116,927; Oct. 3.
Wilson, James H., Altoona, Pa., assignor to The National Toddle House Corporation, Memphis, Tenn. Plate. 117,387; Oct. 31.
Wilson, John D., Grosse Pointe, assignor to Packard Motor Car Company, Detroit, Mich. Vehicle ornament or similar article. 114,358; Apr. 18.
Wilson, Joseph P., Atlanta, Ga. Astrological and mystic robot. 115,225; June 13.
Wilson, Lester F., San Gabriel, Calif. Candle. 115,947; Aug. 1.
Wilson, Raymond O. (See Berdner, J. T., Fennell, and Wilson.)
Wilson, Roscoe C. (See Taylor, J. G., Wilson, and Swanson.)
Wilson, Thurston B. (See Carragher, H. J., and Wilson.)
Wilson, William R. (See Busian, Gerhard L., assignor.)
Wilson, William R., Detroit, Mich. Pipe coupling elbow. 117,590; Nov. 14.
Winchester, Coleman S., Brockton, Mass. Shoe lace. 117,765; Nov. 21.
Window frame. Z. Roseman. 118,248; Dec. 26.
Windwer, Sam, New York, N. Y. Dress. 114,607; May 2.
Winkel, Mabel, New York, N. Y. Leather. 114,051; Mar. 28.
Winkel, Mabel, and C. A. Julianelli, New York, N. Y. Shoe. 115,323; June 20.
Winston, Virginia, Jackson Heights, N. Y. Tablecloth or similar article. 113,296; Feb. 7.
Winston, Virginia, Jackson Heights, N. Y. Tablecloth or similar article. 113,297; Feb. 7.
Winston, Virginia, Jackson Heights, N. Y. Tablecloth or similar article. 113,645; Mar. 7.
Winston, Virginia, Jackson Heights, N. Y. Tablecloth or similar article. 113,646; Mar. 7.
Winston, Virginia, Jackson Heights, N. Y. Tablecloth or similar article. 113,647; Mar. 7.
Winston, Virginia, Jackson Heights, N. Y. Tablecloth or similar article. 114,165; Apr. 4.
Winter & Co. (See Heller, Henry R., assignor.)
Winters & Crampton Corporation. (See Hefferman, Robert F., assignor.)
Winters, Larry, Brooklyn, N. Y. Brooch or similar article. 113,585; Feb. 28.
Wipperman, Hildegard, assignor to The H. W. Gossard Co., Chicago, Ill. Foundation garment. 116,110; Aug. 8.
Wirklich, Abraham. (See Cohn, M. J., and Wirklich.)
Wirries, Walter H., assignor to The Lima Cord Sole and Heel Company, Lima, Ohio. Shoe sole. 115,438; June 27.
Wise, Leslie M., McKeesport, assignor of one-half to W. L. Kann, Pittsburgh, Pa. Highway traffic marker. 113,298; Feb. 7.
Wise, Solomon, Cleveland, Ohio. Padlock. 117,838; Nov. 28.
Wishny, Milton, and F. C. Gray, Los Angeles, Calif. Combined house number illuminator and plate. 113,983; Mar. 28.
Withey, John M., Howell, Mich. Fish bait. 117,941; Dec. 5.
Wittmayer, Sandor A., New York, N. Y. Ring or similar article. 113,692; Mar. 7.
Woinarovicz, Teofil, Worcester, Mass. Surface coating spreading tool. 117,388; Oct. 31.
Wojtalewicz, Frank M., Chicago, Ill. Candle holder. 114,839; May 16.
Wojtalewicz, Frank M., Chicago, Ill. Card holder. 114,854; May 16.
Wojtalewicz, Frank M., Chicago, Ill. Prayer rail. 116,354; Aug. 29.
Wolcott, Frank E., West Hartford, Conn., assignor to The Silex Company. Coffee maker. 114,692; May 9.
Wolcott, Frank E., West Hartford, Conn., assignor to The Silex Company. Coffee maker. 115,226; June 13.
Wolf, William, assignor to Quaker Lace Company Inc., Philadelphia, Pa. Lace tablecloth. 114,514; Apr. 25.
Wolfberg, Irene, Cleveland, Ohio. Toy figure. 117,159; Oct. 17.
Wolfberg, Irene, Cleveland, Ohio. Toy figure. 117,160; Oct. 17.
Wolfe, Bernard J. (See Kurtz, H. F., and Wolfe.)
Wolfe, R. M. (See Goodman, H., and Dillingham, assignors.)
Wolfe, Robert E., and R. F. Kneisley, assignors to The American Floor Surfacing Machine Company, Toledo, Ohio. Surfacing machine. 113.860; Mar. 21.
Wolters, Carl F., Kenmore, and A. H. Tober, assignors to Remington Rand Inc., Buffalo, N. Y. Photographic printer. 115,775; July 18.
Wolters, Carl F., Kenmore, and A. H. Tober, assignors to Remington Rand Inc., Buffalo, N. Y. Combined photographic printer and holder therefor. 115,776; July 18.
Wood, Clarence H., South Lancaster, Mass. Wooden chair. 114,693; May 9.
Wood, J. W., Elastic Web Co. (See Lord, Howard F., assignor.)
Wood, Otis F., New York, N. Y. Decorated feather. 115,139; June 6.
Wood, Perry W., et al. (See Booharin, Leo Y., assignor.)
Wood, Schuyler A., Dolgeville, N. Y. Shoe or similar article. 113,098; Jan. 24.
Wood, Schuyler A., Dolgeville, N. Y. Shoe or similar article. 113,525; Feb. 28.
Wood, Schuyler A., Dolgeville, N. Y. Shoe or similar article. 115,865; July 25.
Wood, Schuyler A., Dolgeville, N. Y. Shoe or similar article. 116,728; Sept. 19.

Wood, Schuyler A., Dolgeville, N. Y. Shoe or similar article. 116,729; Sept. 19.
Woodford, Arthur W., Chicago, Ill. Hair curler. 117,861; Nov. 28.
Woodruff, Albert E., Oak Park, and A. F. Horlacher, assignors to Associated Electric Laboratories, Inc., Chicago, Ill. Throat microphone. 117,003; Oct. 3.
Woods, Joseph W., Company. (See Brewster, Louise H., assignor.)
Woodward, F. Russell, Attleboro, Mass., and A. H. Staf, assignors to Gorham Manufacturing Company, Providence, R. I. Spoon or other article of flatware. 116,154; Aug. 15.
Wooga, Itsuo, Tokyo, Japan. Lamp. 113,718; Mar. 14.
Wooga, Itsuo, Tokyo, Japan. Lamp. 113,719; Mar. 14.
Woolworth, F. W., Co. (See Bovers, William J., assignor.)
Worner, Peter. (See Bambenek, J. B., and Worner.)
Worssam, George S., Watford, assignor to Saville Perfumery Limited, Watford Junction, Watford, England. Combined perfume bottle and container therefor. 113,777; Mar. 14.
Worth, Henry, and S. T. Phillips, New York, N. Y. Container for perfume bottles. 116,074; Aug. 8.
Worthington, Everett, Scarsdale, assignor to American Can Company, New York, N. Y. Lunch box or similar article. 114,202; Apr. 11.
Worthington, Everett, Scarsdale, assignor to American Can Company, New York, N. Y. Jar or similar container. 115,804; July 18.
Worthington, Everett, Scarsdale, assignor to American Can Company, New York, N. Y. Spray gun or similar article. 115,883; July 25.
Worthington, Everett, Scarsdale, assignor to American Can Company, New York, N. Y. Spray gun or similar article. 115,884; July 25.
Wortman, Paul W. (See Holister, F. O., and Wortman.)
Wright, Clyde E. (See Ingwer, C. H., and Wright.)
Wright, Denver M., Brentwood, Mo. Appointment pad. 117,681; Nov. 21.
Wright, Frank L., Spring Green, Wis. Desk. 114,203; Apr. 11.
Wright, Frank L., Taliesin, Wis. Dwelling. 114,204; Apr. 11.
Wright, Horace C., assignor to Flexible Shaft Company, Chicago, Ill. Toilet case. 115,805; July 18.
Wright, Richard H., Cleveland Heights, Ohio. Valance clip. 116,438; Aug. 29.
Wright, Russel, New York, N. Y. Cheese server dish. 113,414; Feb. 21.
Wright, Stanley M., and A. D. McGill, Denver, Colo. Fish lure. 118,064; Dec. 12.
Wronke, Louis J., Chicago, Ill., assignor to Belmont Radio Corporation. Radio receiver cabinet. 113,028; Jan. 24.
Wughalter, Abraham, New York, N. Y. Dress. 118,104; Dec. 12.
Wuischpard, Alphonse, Plandome, N. Y. Wrist watch case. 113,248; Feb. 7.
Wurlitzer, Rudolph, Company, The. (See Farny, Cyril, assignor.)
Wurlitzer, Rudolph, Company, The. (See Fuller, Paul M., assignor.)
Wurlitzer, Rudolph, Company, The. (See Zaiser, William, assignor.)
Wuyts, Joseph, assignor to Mazer Bros., New York, N. Y. Clip or similar article. 114,801; May 16.
Wyman, Harry L., Minneapolis, Minn. Store front. 115,304; June 20.
Wyott Manufacturing Company, The. (See Titus, Thomas L., assignor.)
Yamen, Michael J. (See Balough, E., and Yamen.)
Yanofsky, David, New York, N. Y. Coat. 117,438; Oct. 31.
Yarick, Floyd D., Detroit, Mich. Stoker. 114,205; Apr. 11.
Yarick, Floyd D., Detroit, Mich. Stoker. 116,178; Aug. 15.
Yates, William K., Jr., Wilmette, Ill. Pocket tool. 116,179; Aug. 15.
Yellow Truck & Coach Manufacturing Company. (See Block, William O., assignor.)
Yerigan, Marion C. (See Russell, W. J., and Yerigan.)
Young, Donald H., White Plains, N. Y., assignor to Sonotone Corporation. Intercommunicating telephone housing. 113,586; Feb. 28.
Young, Donald H., White Plains, N. Y., assignor to Sonotone Corporation. Intercommunicating telephone housing. 113,587; Feb. 28.
Young, Donald H., White Plains, N. Y., assignor to Sonotone Corporation. Intercommunicating telephone housing. 113,588; Feb. 28.
Young, Howard. (See Young, James R. and H.)
Young, James R. and H., Mayfield, Redditch, England. Fishing reel. 115,841; July 25.
Young, Leonard P., Chester, Conn. Soldering iron stand. 114,574; May 2.
Younghusband, James L., Chicago, Ill. Lipstick case. 113,470; Feb. 21.
Younghusband, James L., Chicago, Ill. Lipstick case. 114,359; Apr. 18.
Younghusband, James L., Chicago, Ill. Lipstick case. 114,887; May 16.
Yutzey, Marvin G., assignor to Fostoria Glass Company, Moundsville, W. Va. Plate or similar article. 115,637; July 11.
Yutzey, Marvin G., assignor to Fostoria Glass Company, Moundsville, W. Va. Sugar bowl or similar article. 115,638; July 11.
Zack, Samuel E., assignor to Gulbranson Company, Chicago, Ill. Piano case. 113,316; Feb. 14.
Zahn, Philip, New York, N. Y. Dress. 116,303; Aug. 22.
Zahn, Philip, New York, N. Y. Dress. 116,424; Aug. 29.
Zahn, Philip, New York, N. Y. Dress. 116,652; Sept. 12.
Zahn, Samuel, New York, N. Y. Dress. 116,423; Aug. 29.
Zahn, Samuel, New York, N. Y. Dress. 118,222; Dec. 19.
Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Piano. 112,803; Jan. 3.
Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Piano. 112,804; Jan. 3.
Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Piano bench. 113,648; Mar. 7.
Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Piano. 115,639; July 11.
Zaiser, William, Rockville Centre, N. Y., assignor to The Rudolph Wurlitzer Company, Cincinnati, Ohio. Piano. 117,085; Oct. 10.
Zalimeni, Michael A., Ashtabula, Ohio. Trailer. 118,184; Dec. 19.
Zaretzky, Oscar, New York, N. Y. Convertible gilet dress. 117,236; Oct. 17.
Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 115,187; June 6.
Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 115,188; June 6.
Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 115,982; Aug. 1.
Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 116,102; Aug. 8.
Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 116,199; Aug. 15.
Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 116,200; Aug. 15.
Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 116,201; Aug. 15.
Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 116,202; Aug. 15.
Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 116,203; Aug. 15.
Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 116,355; Aug. 29.
Zavell, Arnold, New York, N. Y. Textile fabric or similar article. 116,391; Aug. 29.
Zelinka, David, New York, N. Y. Coat. 116,755; Sept. 19.
Zell, David H., Brooklyn, N. Y. Coin bank. 113,889; Mar. 21.
Zell, David H., Brooklyn, N. Y. Vanity case or similar article. 115,324; June 20.
Zendman, Isaac, Jr., New York, N. Y. Lace. 115,698; July 11.
Zenith Radio Corporation. (See McDonald, Eugene F., Jr., assignor.)
Zenzen, Oliver, Washburn, Ill. Combined aquarium and radio cabinet. 117,704; Nov. 21.
Zesbaugh, Paul L., Minneapolis, Minn. Ash receptacle. 113,589; Feb. 28.
Zeus Corporation. (See Cippico, Giuseppe, assignor.)
Zidek, John A., assignor to Midland Wire & Metal Products, Chicago, Ill. Combined cigarette receptacle and ash receiver. 117,237; Oct. 17.
Zidek, John A., assignor to Midland Wire & Metal Products, Chicago, Ill. Smoking stand. 117,238; Oct. 17.
Zidek, Stephen. (See Krueger, Arthur W., assignor.)
Zimmer, Myron J., assignor to The Edward Katzinger Company, Chicago, Ill. Knife sharpener. 113,211; Jan. 31.
Zimmer, Myron J., assignor to The Edward Katzinger Company, Chicago, Ill. Handle for kitchen utensils or similar articles. 114,096; Apr. 4.
Zimmer, Myron J., assignor to The Edward Katzinger Company, Chicago, Ill. Combined towel bar and bracket. 114,111; Apr. 4.
Zimmer, Myron J., assignor to The Edward Katzinger Company, Chicago, Ill. Can opener. 115,140; June 6.
Zimmer, Myron J., assignor to The Edward Katzinger Company, Chicago, Ill. Can opener. 117,210; Oct. 17.
Zimmer, Myron J., assignor to The Edward Katzinger Company, Chicago, Ill. Food preparing and serving implement or similar article. 117,994; Dec. 5.
Zimmerly, Edward, Chicago, Ill. Cake cutter. 114,372; Apr. 18.
Zimmerman, Charles E., Chicago, Ill. Broiler. 115,536; July 4.
Zimmerman, Samuel, New York, N. Y. Suit. 113,099; Jan. 24.
Zimmerman, Samuel, New York, N. Y. Coat. 113,195; Jan. 31.
Zimmerman, Samuel, New York, N. Y. Coat. 113,196; Jan. 31.
Zimmerman, Samuel, New York, N. Y. Coat. 113,197; Jan. 31.

Zimmerman, Samuel, New York, N. Y. Coat. 113,212; Jan. 31.
Zimmerman, Samuel, New York, N. Y. Coat. 113,356; Feb. 14.
Zimmerman, Samuel, New York, N. Y. Coat. 113,471; Feb. 21.
Zimmerman, Samuel, New York, N. Y. Suit ensemble. 113,483; Feb. 21.
Zimmerman, Samuel, New York, N. Y. Suit ensemble. 113,484; Feb. 21.
Zimmerman, Samuel, New York, N. Y. Coat. 113,500; Feb. 28.
Zimmerman, Samuel, New York, N. Y. Coat. 113,533; Feb. 28.
Zimmerman, Samuel, New York, N. Y. Coat. 113,590; Feb. 28.
Zimmerman, Samuel, New York, N. Y. Suit. 113,699; Mar. 7.
Zimmerman, Samuel, New York, N. Y. Suit. 113,700; Mar. 7.
Zimmerman, Samuel, New York, N. Y. Coat. 113,778; Mar. 14.
Zimmerman, Samuel, New York, N. Y. Coat. 113,941; Mar. 21.
Zimmerman, Samuel, New York, N. Y. Suit. 113,952; Mar. 21.
Zimmerman, Samuel, New York, N. Y. Coat. 114,052; Mar. 28.
Zimmerman, Samuel, New York, N. Y. Coat. 114,381; Apr. 18.
Ziniti, Evelyn, New York, N. Y. Slipper. 115,227; June 13.
Zinkil, Roy H. (See Andersen, L., Fredrickson, Newman Van Sciver, and Zinkil.)
Zinkil, Roy H. (See Andersen, L., Fredrickson, Van Sciver, and Zinkil.)
Zinkil, Roy H. (See Reinecke, J. O., Kovarik, and Zinkil.)
Zinkil, Roy H., Oak Park, and E. A. Fredrickson, assignors to Crane Co., Chicago, Ill. Dual flushing valve. 112,890; Jan. 10.
Zinn, Harry, New York, N. Y. Dress. 112,918; Jan. 10.
Zinn, Harry, New York, N. Y. Dress. 113,100; Jan. 24.
Zinn, Harry, New York, N. Y. Dress. 113,101; Jan. 24.
Zitzerman, Jacob, Brooklyn, N. Y. Portable refrigerator. 113,029; Jan. 24.
Zoll, Henry, Elmhurst, assignor to Eberhard Faber Pencil Co., Brooklyn, N. Y. Fountain pen or similar article. 117,839; Nov. 28.
Zucker, Fannie, New York, N. Y. Evening wrap. 115,164; June 6.
Zucker, Lillian, and H. Feigenbaum, New York, N. Y. Coat. 113,203; Jan. 31.
Zucker, Lillian, and H. Feigenbaum, New York, N. Y. Coat. 113,204; Jan. 31.
Zuckerman, Harry, New York, N. Y. Coat. 115,900; July 25.
Zuckerman, Harry, New York, N. Y. Coat. 116,075; Aug. 8.
Zuckerman, Harry, New York, N. Y. Coat. 116,076; Aug. 8.
Zuckerman, Harry, New York, N. Y. Coat. 116,588; Sept. 12.
Zuckerman, Harry, New York, N. Y. Coat. 116,589; Sept. 12.
Zuckerman, Harry, New York, N. Y. Coat. 116,590; Sept. 12.
Zuckerman, Harry, New York, N. Y. Coat. 116,984; Oct. 3.
Zuckerman, Harry, New York, N. Y. Coat. 117,115; Oct. 10.
Zuckerman, Harry, New York, N. Y. Coat. 117,243; Oct. 17.
Zuckerman, Harry, New York, N. Y. Coat. 118,144; Dec. 19.
Zumft, George, Stony Brook, N. Y. Illuminable compact or similar article. 115,184; June 6.
Zurawin, Raymond, New York, N. Y. Fruit juice extractor or the like. 115,885; July 25.
Zussman, Irving. (See Kent, Elizabeth S., assignor.)

LIST OF DISCLAIMERS

Aceves, Julius Gourgues, and Ernest Valentine Amy, New York, N. Y. Disclaimer filed by the assignee, Amy, Aceves & King, Inc. No. 2,002,844; disclaimer filed Sept. 16, 1939; v. 507; p. 225.
Adams, Walter L., Akron, Ohio. Disclaimer filed by the assignee, The Enterprise Manufacturing Company. No. 1,932,360; disclaimer filed Sept. 29, 1939; v. 607; p. 785.
Adamson, Percy, Rye, N. Y. Disclaimer filed by the assignee, United States Rubber Company. Patent No. 1,822,847; disclaimer filed Mar. 10, 1939; v. 501; p. 16.
Allen, Earl M., Swissvale, Pa. Disclaimer filed by the assignee, The Union Switch & Signal Company. No. 2,046,049; disclaimer filed Mar. 21, 1939; v. 501; p. 576.
Atchison, Leonard W., Schenectady, N. Y. (Two cases.) Disclaimers filed by the assignee, General Electric Company. Nos. 2,030,676 and 2,059,840; disclaimers filed Feb. 1 and July 7, 1939; v. 499; p. 531; and v. 505; p. 10.
Bachmann, Jakob August, Alameda, and Roy Wilkins, Hamburg, Calif. Disclaimer filed by the patentees. No. 2,086,891; disclaimer filed Sept. 29, 1939; v. 507; p. 785.
Bakke, Hans A., Swampscott, Mass. Disclaimer filed by the assignee, General Electric Company. No. 2,105,396; disclaimer filed June 9, 1939; v. 504; p. 10.
Bangert, Charles A., Columbus, Ohio. Disclaimer filed by the assignee, Lamneck Products, Incorporated. No. 2,092,722; disclaimer filed Feb. 4, 1939; v. 500; p. 272.
Baum, William A., New York, N. Y. Disclaimer filed by the assignee, W. A. Baum Co., Inc. No. 1,821,902; disclaimer filed Feb. 15, 1939; v. 500; p. 272.
Bedell, Frederick, Ithaca, N. Y. Disclaimer filed by the assignee, General Radio Company. Re. No. 20,945; disclaimer filed November 20, 1939; v. 509; p. 16.
Bergstein, Robert Morris, Cincinnati, Ohio. Disclaimer filed by the patentee and Edna May Bergstein, as trustees. No. 2,114,623; disclaimer filed June 12, 1939; v. 504; p. 590.
Bernfeld, James, Newark, N. J. Disclaimer filed by the patentee. No. 2,120,347; disclaimer filed May 26, 1939; v. 503; p. 581.
Bertran, Benjamin E., and Josie A. Bertran, Los Angeles, Calif. Disclaimer filed by the patentees. No. 1,854,823; disclaimer filed July 19, 1939; v. 505; p. 242.
Best, John C., and Frank Lee Marsh, Medicine Lodge, Kans. Disclaimer filed by the assignee, National Gypsum Company. No. 2,031,585; disclaimer filed Feb. 21, 1939; v. 500; p. 518.
Blake, Eli J., Haddonfield, N. J. Disclaimer filed by the assignee, The Union Switch & Signal Company. No. 2,098,910; disclaimer filed Apr. 18, 1939; v. 502; p. 567.
Borden, Perry A., Waterbury, Conn. Disclaimer filed by the assignee, The Bristol Company. No. 1,979,311; disclaimer filed Oct. 27, 1939; v. 509; p. 16.
Boveri, Willi, Zurich, and Armin Leuthold, Baden, Switzerland. Disclaimer filed by the assignee, Aktiengesellschaft Brown Bovery & Cie. No. 1,908,949; disclaimer filed Sept. 30, 1939; v. 507; p. 785.
Bradley, Charles E., Montclair, N. J., and John McGavack, Elmhurst, N. Y. Disclaimer filed by the assignee, Marbo Patents, Inc. No. 1,519,659; disclaimer filed Sept. 5, 1939; v. 507; p. 1.
Bradley, Theodore F., Westfield, N. J. Disclaimer filed by the assignee, American Cyanamid Company. No. 1,780,375; disclaimer filed Feb. 16, 1939; v. 500; p. 272.
Bremer, Edmund W., Weehawken Township, Hudson County, N. J. Disclaimer filed by the assignee, Electrolux Company, Inc. No. 2,094,784; disclaimer filed June 7, 1939; v. 504; p. 10.
Buchanan, Leslie B. M., Springfield, Mass. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,123,497; disclaimer filed Jan. 13, 1939; v. 499; p. 264.
Buell, Edward J., Niagara Falls, N. Y., and Francis D. Martin, Niagara Falls, Ontario, Canada. Disclaimer filed by the assignee, The Lindsay Wire Weaving Company. No. 2,113,265; disclaimer filed Feb. 18, 1939; v. 500; p. 518.
Buell, Edward J., Niagara Falls, N. Y., and Frederick C. Few, Niagara Falls, Ontario, Canada. Disclaimer filed by the assignee, The Lindsay Wire Weaving Company. No. 2,113,266; disclaimer filed Feb. 18, 1939; v. 500; p. 518.
Buschbeck, Werner, and Hans Prost, Berlin, Germany. Disclaimer filed by the assignee, Telefunken Gesellschaft für Drahtlose Telegraphie, m. b. H. No. 2,159,731; disclaimer filed Dec. 1, 1939; v. 509; p. 796.
Caldwell, Frank W., Hartford, Conn. Disclaimer filed by the assignee, United Aircraft Corporation; the inventor approving and consenting. No. 2,145,859; disclaimer filed July 13, 1939; v. 505; p. 243.
Callsen, Albert, Stuttgart-Botnang, Germany. Disclaimer filed by the assignee, Robert Bosch Gesellschaft mit beschrankter Haftung. No. 2,123,133; disclaimer filed May 2, 1939; v. 502; p. 873.
Carpenter, Morris T., Chicago, Ill. Disclaimer filed by the assignee, Standard Oil Company (Indiana). No. 2,122,878; disclaimer filed Aug. 25, 1939; v. 506; p. 538.
Carrier, Willie H., Essex Fells, and John H. Holton, Maplewood, N. J. Disclaimer filed by the assignee, Carrier Corporation. No. 2,119,127; disclaimer filed Sept. 30, 1939; v. 507; p. 786.
Carter, Phillip S., Port Jefferson, N. Y. Disclaimer filed by the patentee; the assignee, Radio Corporation of America, consenting. No. 2,128,400; disclaimer filed Oct. 19, 1939; v. 508; p. 16.

Case, Francis M., Cleveland Heights, Ohio. Disclaimer filed by the assignee, The Enterprise Manufacturing Company. No. 1,637,437; disclaimer filed Sept. 29, 1939; v. 507; p. 785.
Case, Nelson P., Great Neck, N. Y. Disclaimer filed by the inventor. No. 2,093,416; disclaimer filed June 26, 1939; v. 504; p. 590.
Case, Theodore Willard, Auburn, N. Y. Disclaimer filed by the inventor; the assignee, Case Research Laboratory, Incorporated, consenting. No. 1,790,898; disclaimer filed Aug. 22, 1939; v. 506; p. 288.
Casto, Lloyd V., and George E. Lang, Detroit, Mich. Disclaimer filed by the assignee, Oxford Varnish Corporation. No. 1,807,891; disclaimer filed Aug. 16, 1939; v. 506; p. 16.
Cavanagh, John F., Providence, R. I. Disclaimer filed by the assignee, Boston Wire Stitcher Company; the inventor, consenting. No. 2,137,642; disclaimer filed Nov. 28, 1939; v. 509; p. 796.
Cheney, Allan, Melrose, Mass. Disclaimer filed by the assignee, The Cheney Company. No. 1,871,585; disclaimer filed Jan. 30, 1939; v. 499; p. 264.
Clute, Donald, Detroit, Mich. Disclaimer filed by the assignee, The Oilgear Company. No. 1,985,443; disclaimer filed Feb. 15, 1939; v. 500; p. 272.
Coast, John W., Jr., Tulsa, Okla. Disclaimer filed by the assignee, Cities Service Oil Company. No. 1,585,233; disclaimer filed Mar. 10, 1939; v. 501; p. 16.
Cole, Don, Chicago, Ill. Disclaimer filed by the assignee, Bendix Products Corporation. No. 2,141,594; disclaimer filed Oct. 18, 1939; v. 508; p. 16.
Cope, Arthur C., Bryn Mawr, Pa.; Walter H. Hartung, Baltimore, Md.; and Frank S. Crossley, Philadelphia, Pa. Disclaimer filed by the assignee, Sharp & Dohme, Incorporated. No. 2,119,526; disclaimer filed Oct. 14, 1939; v. 508; p. 16.
Cowdrey, Charles Francis, Fitchburg, Mass. Disclaimer filed by the assignee, Bendix-Cowdrey Brake Tester, Inc. No. 1,767,348; disclaimer filed Jan. 7, 1939; v. 498; p. 967.
Crain, John J., Waterbury, Conn. Disclaimer filed by the patentee; the assignee, The Waterbury Tool Company, assenting. No. 1,794,946; disclaimer filed Dec. 29, 1938; v. 498; p. 760.
Creech, Taylor, Davenport, Iowa. Disclaimer filed by the assignee, Micro-Westco, Inc. No. 2,056,134; disclaimer filed Aug. 24, 1939; v. 506; p. 538.
Criner, Harry J., and Harry E. Criner, Davenport, Iowa. Disclaimer filed by the patentees; the assignee of one-third interest, A. G. Bush, assenting. No. 2,087,021; disclaimer filed Feb. 6, 1939; v. 500; p. 1.
Crowell, Erd V., Los Angeles, Calif. Disclaimer filed by the patentee. No. 2,071,389; disclaimer filed Nov. 14, 1939; v. 509; p. 16.
Delbord, Yvon, Paris, France. Disclaimer filed by the assignee, General Electric Company. No. 2,133,849; disclaimer filed Mar. 22, 1939; v. 501; p. 576.
De Ridder, Oliver E., Rochester, N. Y. Disclaimer filed by the executors, Lincoln-Alliance Bank & Trust Company and Cornelia J. De Ridder. No. 1,984,257; disclaimer filed Dec. 23, 1938; v. 498; p. 528.
Dicke, Oscar H., Rochester, N. Y. Disclaimer filed by the assignee, General Railway Signal Company. No. 2,129,168; disclaimer filed Mar. 1, 1939; v. 500; p. 518.
Dickieson, Jr., Edward F., Detroit, Mich. Disclaimer filed by the assignee, Bendix Products Corporation. No. 2,084,387; disclaimer filed Apr. 3, 1939; v. 502; p. 1.
Dietenberger, Joseph A., Cleveland, Ohio. Disclaimer filed by the trustee, The Apex Electrical Manufacturing Company, and the assignee, Industrial Improvements Incorporated. No. 1,712,755; disclaimer filed Feb. 4, 1939; v. 500; p. 272.
Dow, Dewey M., and Lynn H. Latta, Toledo, Ohio. Disclaimer filed by the assignee, Air-Way Electric Appliance Corporation. No. 2,133,741; disclaimer filed Oct. 26, 1939; v. 508; p. 565.
Engel, Edward, Bloomington, Ill. Disclaimer filed by the assignee, Electric Household Utilities Corporation. No. 2,124,972; disclaimer filed Nov. 8, 1939; v. 508; p. 841.
Engelmann, Max, and Albert L. Flenner, Wilmington, Del. (Two cases.) Disclaimers filed by the assignee, E. I. du Pont de Nemours and Company. Nos. 1,993,776 and 1,993,777; disclaimers filed Nov. 10, 1939; v. 509; p. 16.
Erben, Henry V., Philadelphia, Pa. Disclaimer filed by the assignee, General Electric Company. No. 2,098,801; disclaimer filed June 16, 1939; v. 504; p. 295.
Fairchild, Walter L., New York, N. Y. (Two cases.) Disclaimers filed by the patentee; the exclusive licensee approving and consenting. Re. No. 16,542 and No. 1,773,810; disclaimers filed Jan. 10, 1939; v. 499; p. 1.
Fay, Horace B., Shaker Heights, and Nelson J. Quinn, Toledo, Ohio. Disclaimer filed by the patentees. No. 2,092,962; disclaimer filed Mar. 14, 1939; v. 501; p. 576.
Feucht, Albert, Garfield Heights, Ohio. Disclaimer filed by the assignee, The Cleveland Rock Drill Company. No. 2,107,198; disclaimer filed Aug. 21, 1939; v. 506; p. 538.
Finigan, Edwin P., San Francisco, Calif. Disclaimer filed by the patentee. No. 1,921,664; disclaimer filed Mar. 22, 1939; v. 501; p. 576.
Fisher, Cecil Clair, Fort Wayne, Ind. Disclaimer filed by the assignee, The Magnavox Company, Incorporated. No. 2,115,924; disclaimer filed Feb. 3, 1939; v. 499; p. 783.
Fisher, Horace H., Salt Lake City, Utah. Disclaimer filed by the assignee, Crown Cork & Seal Company, Inc. No. 2,046,256; disclaimer filed Dec. 2, 1939; v. 509; p. 796.
Foster, Boutwell H., Maplewood, N. J., and Kenneth B. Cook, Winnsboro, S. C. Disclaimer filed by the assignee, United States Rubber Company. No. 1,816,574; disclaimer filed May 20, 1939; v. 503; p. 312.
Frech, Theodore W., Shaker Heights, Ohio. Disclaimer filed by the assignee, General Electric Company. No. 2,033,699; disclaimer filed Apr. 10, 1939; v. 502; p. 1.
Friden, Carl M. F., Piedmont, Calif. Disclaimer filed by the assignee, International Business Machines Corporation. No. 1,979,208; disclaimer filed Mar. 30, 1939; v. 501; p. 863.
Fruth, Hal F., Indianapolis, Ind. Disclaimer filed by the assignee, P. R. Mallory & Co., Inc. No. 2,020,408; disclaimer filed Mar. 9, 1939; v. 501; p. 16.
Fulton, Otho, New York, N. Y. Disclaimer filed by Mae Fenster, administratrix of the estate of Otho Fulton, deceased. No. 2,127,331; disclaimer filed Mar. 30, 1939; v. 501; p. 576.
Gabriel, John C., New York, and George Rodwin, Randall Manor, N. Y. Disclaimer filed by the assignee, Bell Telephone Laboratories, Incorporated. No. 2,097,519; disclaimer filed Mar. 24, 1939; v. 501; p. 576.
Garner, Fred G., and George A. Auer, Chicago, Ill. Disclaimer filed by the assignee, Wagner Sign Service, Inc. No. 2,119,430; disclaimer filed July 21, 1939; v. 505; p. 511.
Gerhart, Howard L., Whiting, Ind. Disclaimer filed by the assignee, Standard Oil Company (Indiana). No. 2,051,840; disclaimer filed Jan. 5, 1939; v. 499; p. 1.
Giles, Roy N., Casper, Wyo. Disclaimer filed by the assignee, Standard Oil Company. No. 1,943,236; disclaimer filed Mar. 25, 1939; v. 501; p. 576.
Gillett, Edward Henry James Cecil, West Hampstead, London, England. Disclaimer filed by the assignee, Reduction Gears, Limited; the licensee, Borg-Warner Corporation, approving. No. 2,087,643; disclaimer filed Jan. 20, 1939; v. 499; p. 264.
Graenacher, Charles, Basel, Franz Ackermann, Binnengen, near Basel, and Heinrich Bruengger, Basel, Switzerland. Disclaimer filed by the assignee, Society of Chemical Industry in Basle. No. 2,170,262; disclaimer filed Nov. 15, 1939; v. 509; p. 16.
Graves, George De Witt, Wilmington, Del. Disclaimer filed by the assignee, E. I. du Pont de Nemours and Company. No. 2,111,769; disclaimer filed June 14, 1939; v. 504; p. 10.
Gulick, Edward J., Elkhart, Ind. Disclaimer filed by the assignee, The Cleveland Trust Company. No. 1,815,733; disclaimer filed Dec. 31, 1938; v. 498; p. 760.
Hammond, Laurens, Chicago, Ill. Disclaimer filed by the patentee. No. 2,126,464; disclaimer filed July 15, 1939; v. 505; p. 243.
Harris, Benjamin R., Chicago, Ill. Disclaimer filed by the assignee, The Emulsol Corporation. No. 2,022,766; disclaimer filed Jan. 7, 1939; v. 499; p. 783.
Hazard, Charles S., New York, N. Y. (Three cases.) Disclaimers filed by the assignee, Neptune Meter Company. No. 2,109,352; disclaimers filed Aug. 17 and Sept. 15, 1939; No. 2,109,353; disclaimer filed July 12, 1939; v. 506; p. 288; v. 507; p. 225; and v. 505; p. 242.
Heiniger, William B., Jersey City, N. J. Disclaimer filed by the assignee, Richard Irvin & Company Incorporated, and the inventor. No. 1,658,678; disclaimer filed July 19, 1939; v. 505; p. 242.
Herold, Walter F., Upper Montclair, N. J. Disclaimer filed by the assignee, The Bassick Company. No. 1,752,983; disclaimer filed July 22, 1939; v. 505; p. 511.
Hewitt, Ellis E., Edgewood, Pa. Disclaimer filed by the patentee; the assignee, The Westinghouse Air Brake Company, consenting. No. 2,152,256; disclaimer filed Oct. 11, 1939; v. 507; p. 1029.
Hill, Edward G., Chicago, Ill. Disclaimer filed by the assignee, Hill Engineering Corporation. No. 1,964,693; disclaimer filed Dec. 16, 1938; v. 498; p. 275.
Hill, Edward G., and Henry W. Hey, Richmond, Va. Disclaimer filed by the assignee, Automatic Shifters, Inc. No. 2,030,838; disclaimer filed Mar. 17, 1939; v. 501; p. 576.
Holcomb, Harry E., Stratford, Conn. Disclaimer filed by the assignee, Johns-Manville Corporation. No. 2,030,633; disclaimer filed Oct. 5, 1939; v. 507; p. 1029.
Holdsworth, Harry, Bronxville, N. Y. Disclaimer filed by the assignee, Milcor Steel Company. No. 2,105,770; disclaimer filed Nov. 2, 1939; v. 508; p. 841.
Holland, William W., Baltimore, Md. Disclaimer filed by the assignee, Petroleum Conversion Corporation. No. 2,125,636; disclaimer filed July 1, 1939; v. 504; p. 843.

Hopkinson, Ernest, New York, N. Y. Disclaimer filed by the assignee, United States Rubber Company. No. 1,784,523; disclaimer filed May 20, 1939; v. 503; p. 312.

Hopkinson, Ernest, New York, and Willis A. Gibbons, Little Neck, N. Y. Disclaimer filed by the assignee, United States Rubber Company. Re. No. 16,873; disclaimer filed Feb. 25, 1939; v. 500; p. 517.

Horn, Henry J., Lansing, Mich. Disclaimer filed by the assignee, Motor Wheel Corporation. No. 2,127,220; disclaimer filed Apr. 6, 1939; v. 502; p. 1.

Horton, Albert J., White Plains, N. Y. Disclaimer filed by the assignee, R. Hoe & Co., Inc. No. 2,122,796; disclaimer filed July 29, 1939; v. 505; p. 757.

Hosking, Richard T., Wilmette, Ill. Disclaimer filed by the assignee, Illinois Tool Works. No. 1,604,122; disclaimer filed Sept. 20, 1939; v. 507; p. 225.

Jamar, Mitchell F., Jr., Dowagiac, Mich. Disclaimer filed by the assignee, James Heddon's Sons. No. 1,892,892; disclaimer filed Mar. 16, 1939; v. 501; p. 16.

Kalischer, Milton, Springfield, Mass. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,125,727; disclaimer filed Jan. 20, 1939; v. 499; p. 264.

Kimbell, Fordyce, Miami, Fla. Disclaimer filed by the assignee, United States Describer, Inc. No. 2,081,822; disclaimer filed Jan. 12, 1939; v. 399; p. 1.

Kingsley, George A., Jackson, Mich. Disclaimer filed by the assignee, Hayes Industries, Inc. No. 2,088,296; disclaimer filed Aug. 31, 1939; v. 506; p. 799.

Kirby, James B., West Richfield, Ohio. (Four cases.) Disclaimers filed by the assignee, Industrial Improvements Incorporated, and the trustee, The Apex Electrical Manufacturing Company. Nos. 1,842,030, 1,927,665, 1,969,178, and Re. No. 18,240; disclaimers filed Feb. 2 and Feb. 4, 1939; v. 499; p. 531; and v. 500; p. 272.

Kline, Fred J., Bayville, N. Y. Disclaimer filed by the assignee, Acco Products, Inc. No. 1,658,052; disclaimer filed Feb. 8, 1939; v. 500; p. 1.

Knoll, Max, Berlin-Lichterfelde, Ludwig Schiff, Berlin, and Carl Stoerk, Berlin-Neukolin, Germany. Disclaimer filed by the patentees. No. 2,036,532; disclaimer filed Feb. 13, 1939; v. 500; p. 518.

Knowles, Dewey D., Wilkinsburg, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,079,354; disclaimer filed Mar. 9, 1939; v. 501; p. 16.

Koch, Winfield R., Camden, N. J. Disclaimer filed by the assignee, Radio Corporation of America. No. 2,144,337; disclaimer filed Nov. 22, 1939; v. 509; p. 16.

Koeberle, Karl, Robert Schweizer, and Christian Steigerwald, Ludwigshafen-on-the-Rhine, Germany. Disclaimer filed by the assignee, General Aniline Works, Inc. No. 2,050,704; disclaimer filed June 27, 1939; v. 504; p. 590.

Kollsman, Paul, Woodhaven, N. Y. Disclaimer filed by the patentee. No. 1,930,899; disclaimer filed Feb. 27, 1939; v. 500; p. 518.

Labombarde, Harold S., Nashua, N. H. Disclaimer filed by the assignee, The International Paper Box Machine Company. No. 2,173,171; disclaimer filed Oct. 19, 1939; v. 508; p. 16.

Lawrence, Winthrop Stanley, Rego Park, N. Y. Disclaimer filed by the assignee, Kaumograph Company. No. 1,939,821; disclaimer filed May 20, 1939; v. 503; p. 312.

Lear, Joseph D., Buffalo, N. Y. Disclaimer filed by the assignee, Fedders Manufacturing Company, Inc. No. 2,113,351; disclaimer filed Sept. 5, 1939; v. 507; p. 1.

Leishman, Le Roy J., Los Angeles, Calif. (Three cases.) Disclaimers filed by the patentee. Re. No. 20,827; disclaimers filed Jan. 16 and Nov. 10, 1939; v. 499; p. 254; and v. 509; p. 16; and No. 2,134,194; disclaimer filed Jan. 16, 1939; v. 499; p. 264.

Levy, Edward J., (now by judicial change of name Edward Levy Mayo), Cleveland, Ohio. (Two cases.) Disclaimers filed by the assignee, The Bishop & Babcock Mfg. Company. Nos. 1,763,802 and 1,822,863; disclaimers filed Nov. 13, 1939; v. 509; p. 16.

Lewers, George R., Brooklyn, N. Y. Disclaimer filed by the assignee, Underpinning & Foundation Company, Inc. No. 2,117,487; disclaimer filed July 6, 1939; v. 504; p. 843.

Liebowitz, Benjamin, New York, N. Y. (Two cases.) Disclaimers filed by the assignee, Celanese Corporation of America. Nos. 1,968,409 and 1,968,410; disclaimers filed May 17, 1939; v. 503; p. 312.

Lincoln, Willis B., Jr., Indianapolis, Ind. Disclaimer filed by the assignee, Inland Container Corporation. No. 2,078,087; disclaimer filed July 3, 1939; v. 505; p. 10.

Lind, Arthur C., Milwaukee, Wis. Disclaimer filed by the assignee, Chain Belt Company. No. 2,124,965; disclaimer filed Aug. 21, 1939; v. 506; p. 288.

Longtin, William J., Reading, Pa. Disclaimer filed by the assignee, Infant Socks, Inc. No. 2,054,059; disclaimer filed Jan. 31, 1939; v. 500; p. 761.

Lower, Nathan M., and Albert R. Chalker, Pittsburgh, Pa. Disclaimer filed by the assignee, The Standard Stoker Company, Incorporated. No. 1,642,076; disclaimer filed May 25, 1939; v. 503; p. 581.

Lummerzheim, Hermann, Dessau-Ziebigk, and Eduard Schnitzler, Dessau-in-Anhalt, Germany. Disclaimer filed by the assignee, Agfa Ansco Corporation. No. 1,983,910; disclaimer filed June 19, 1939; v. 504; p. 295.

Lyon, George Albert, Detroit, Mich. Disclaimer filed by the inventor. No. 1,986,153; disclaimer filed Aug. 4, 1939; v. 506; p. 16.

Macdonald, Walter, North Providence, R. I. Disclaimer filed by the inventor; the assignee, American Moistening Company, agreeing and consenting. No. 2,097,696; disclaimer filed June 28, 1939; v. 504; p. 843.

Martin, Erle, West Hartford, Conn. Disclaimer filed by the assignee, United Aircraft Corporation; the patentee, consenting and approving. No. 2,105,089; disclaimer filed Feb. 20, 1939; v. 500; p. 518.

Maus, Frank, San Francisco, Calif. (Two cases.) Disclaimer filed by the assignee, The Apex Electrical Manufacturing Company. No. 2,021,097; disclaimers filed Feb. 8 and Feb. 16, 1939; v. 500; p. 1.

Maxfield, Daniel E., Philadelphia, Pa. Disclamer filed by the assignee, Stokes and Smith Company. No 2,145,941; disclaimer filed Nov. 8, 1939; v. 508; p. 841.

McBain, William C., Youngstown, Ohio. Disclaimer filed by the assignee, The Cold Metal Process Company. No. 1,881,056; disclaimer filed Sept. 1, 1939; v. 506; p. 799.

McCurrach, Mabel C., Brooklyn, N. Y. Disclaimer filed by the patentee. No. 1,891,477; disclaimer filed Apr. 14, 1939; v. 502; p. 567.

McLaren, Walter, Dayton, Ohio. Disclaimer filed by the assignee, National Biscuit Company. No. 1,551,998; disclaimer filed Aug. 23, 1939; v. 506; p. 538.

McNeil, Robert Lincoln, Philadelphia, Pa. Disclaimer filed by the assignee, McNeil Laboratories, Inc. No. 2,091,212; disclaimer filed Apr. 22, 1939; v. 502; p. 567.

Miessner, Benjamin F., Millburn Township, Essex County, and Charles T. Jacobs, Chatham Borough, N. J. Disclaimer filed by the assignee, Miessner Inventions, Inc. No. 1,915,859; disclaimer filed Mar. 15, 1939; v. 501; p. 16.

Miller, Benjamin, Richmond Hill, N. Y. Disclaimer filed by the assignee, Power Patents Company. No. 2,073,247; disclaimer filed Jan. 25, 1939; v. 499; p. 264.

Miller, Ernest F., Prospect Park, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,122,210; disclaimer filed Aug. 3, 1939; v. 505; p. 757.

Mittag, Albert H., Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,084,159; disclaimer filed June 15, 1939; v. 504; p. 295.

Moore, William E., Beaver, Pa. Disclaimer filed by the assignee, Pittsburgh Research Corporation. No. 1,532,599; disclaimer filed Jan. 14, 1939; v. 499; p. 264.

Moore, William E., Beaver; Herbert Franklin Alter and Edward At Lee Hanff, Pittsburgh; and John Raymond Eckley, New Kensington, Pa.; and Frank Wright, Newport, Ky. Disclaimer filed by the assignee, Pittsburgh Research Corporation. No. 1,444,980; disclaimer filed Jan. 14, 1939; v. 499; p. 1.

Morgan, Leo Clark, Wichita, Kans. Disclaimer filed by the patentee. No. 2,128,161; disclaimer filed July 3, 1939; v. 504; p. 843.

Morrison, William A., Easton, Pa. Disclaimer filed by the assignee, Ingersoll-Rand Company. No. 2,124,627; disclaimer filed Sept. 22, 1939; v. 507; p. 224.

Morschel, Heinrich, Leverkusen-Wiesdorf, and Felix Gund, Cologne-Deutz, Germany. Disclaimer filed by the assignee, General Aniline Works, Inc. No. 2,099,272; disclaimer filed Jan. 20, 1939; v. 499; p. 264.

Mosel, Joseph H., Columbus, Ohio. Disclaimer filed by the assignee, The Jaeger Machine Company. No. 2,054,436; disclaimer filed May 15, 1939; v. 503; p. 10.

Nellen, Arthur H., Merion, Pa. Disclaimer filed by the assignee, Lee Rubber & Tire Corporation. Re. No. 20,316; disclaimer filed June 8, 1939; v. 504; p. 10.

Nelson, Adolph L., Detroit, Mich. Disclaimer filed by the assignee, Bohn Aluminum & Brass Corporation. No. 1,830,172; disclaimer filed Jan. 9, 1939; v. 499; p. 1.

Nelson, William K., Chicago, Ill. Disclaimer filed by the assignee, Universal Gypsum & Lime Co. No. 1,863,990; disclaimer filed Oct. 19, 1939; v. 508; p. 16.

Nixon, Jeddy D., Houston, Tex. Disclaimer filed by the patentee, and the assignee of one-half interest, Wilson Supply Company. No. 2,132,081; disclaimer filed Dec. 10, 1938; v. 498; p. 275.

Offenhauser, William H., Jr., New York, N. Y. Disclaimer filed by the assignee, Radio Corporation of America. No. 1,855,196; disclaimer filed Mar. 31, 1939; v. 502; p. 1.

Pack, Charles, Forest Hills, N. Y. Disclaimer filed by the assignee, Tennessee Eastman Corporation; the patentee, assenting. No. 2,033,735; disclaimer filed Feb. 25, 1939; v. 500; p. 761.

Padgett, Joseph E., Toledo, Ohio. Disclaimer filed by the patentee. No. 2,032,497; disclaimer filed July 12, 1939; v. 505; p. 242.

Paggi, Louis, Belleville, N. J. Disclaimer filed by the assignee, E. I. du Pont de Nemours and Company. No. 2,113,767; disclaimer filed Feb. 11, 1939; v. 500; p. 272.

Penick, Arthur J., and Kirby T. Penick, Houston, Tex. Disclaimer filed by the patentees. Re. No. 20,529; disclaimer filed Mar. 8, 1939; v. 501; p. 16.

Pflueger, Charles T., Akron, Ohio. Disclaimer filed by the assignee, The Enterprise Manufacturing Company. No. 1,871,386; disclaimer filed Sept. 29, 1939; v. 507; p. 785.

Philipp, Lawrence A., Detroit, Mich. Disclaimer filed by the patentee; the assignee, Nash-Kelvinator Corporation, approving. No. 2,157,012; disclaimer filed Nov. 6, 1939; v. 509; p. 16.

Potthoff, Kurt T., Brooklyn, N. Y. Disclaimer filed by the assignee, U. S. Galvanizing & Plating Equipment Corporation. No. 1,959,799; disclaimer filed July 11, 1939; v. 505; p. 242.

Potthoff, Louis, deceased, by Hamilton Trust Company, executor, a corporation of Brooklyn, N. Y. Disclaimer filed by the assignee, U. S. Galvanizing & Plating Equipment Corporation. No. 1,475,198; disclaimer filed July 11, 1939; v. 505; p. 242.

Potts, Louis M., Evanston, Ill. Disclaimer filed by the assignee, Teletypesetter Corporation. No. 2,062,332; disclaimer filed Jan. 25, 1939; v. 499; p. 264.

Power, Laurence E., and Lynde Bradley, Milwaukee, Wis. Disclaimer filed by the assignee, Allen-Bradley Company. No. 1,927,185; disclaimer filed May 25, 1939; v. 503; p. 581.

Prachar, deceased, late of Cleveland, Ohio, by the Apex Electrical Manufacturing Company, assignee. (Two cases.) Disclaimers filed by the assignee, The Apex Electrical Manufacturing Company. Re. No. 19,217; disclaimers filed Feb. 8, 1939; v. 500; p. 1.

Preston, Neil D., Rochester, N. Y. Disclaimer filed by the assignee, General Railway Signal Company. No. 2,129,182; disclaimer filed Mar. 1, 1939; v. 500; p. 518.

Pulfrich, Hans, Berlin-Wilmersdorf, Germany. Disclaimer filed by the assignee, General Electric Company. No. 2,098,811; disclaimer filed May 2, 1939; v. 502; p. 873.

Raney, Clemma R., Riverside, Ill. Disclaimer filed by the patentee. No. 2,029,190; disclaimer filed Oct. 12, 1939; v. 508; p. 16.

Raver, Francis M., York, Pa. Disclaimer filed by the assignee, York Ice Machinery Corporation. No. 2,120,767; disclaimer filed June 29, 1939; v. 504; p. 843.

Reed, Dempson H., Houston, Tex. Disclaimer filed by the patentee, and the assignee of one-half interest, James S. Abercrombie. No. 1,936,643; disclaimer filed Apr. 8, 1939; v. 502; p. 1.

Reilly, Frank J., Miami, Fla. Disclaimer filed by the assignee, Produce Conditioners, Inc. No. 2,061,329; disclaimer filed Oct. 28, 1939; v. 508; p. 841.

Remington, Frederic, Elizabeth, and Lambert Sigfred Lindroth, Jr., Newark, N. J. Disclaimer filed by the assignee, Peerless Tube Company. No. 2,066,947; disclaimer filed Nov. 3, 1939; v. 508; p. 841.

Riddell, William A., Rochester, N. Y. Disclaimer filed by the assignee, Eastman Kodak Company. No. 2,105,228; disclaimer filed May 6, 1939; v. 502; p. 1184.

Rieke, Theodore W., Auburn, Ind. (Two cases.) Disclaimers filed by the assignee, Rieke Metal Products Corporation. Re. No. 19,956 and No. 2,011,013; disclaimers filed Jan. 14, 1939; v. 499; p. 1.

Roberts, Eugene, Hastings, N. Y. Disclaimer filed by the assignee. The Western States Machine Company. No. 2,096,341; disclaimer filed May 24, 1939; v. 503; p. 581.

Rode, Frederich J., and Meredith R. Hatch, Toledo, Ohio. Disclaimer filed by the inventors and and the licensees, E. W. Bliss Company and Toledo Machine & Tool Company. No. 2,009,301; disclaimer filed Aug. 11, 1939; v. 505; p. 1030.

Rogers, Harry L., Brooklyn, N. Y. Disclaimer filed by the patentee. No. 2,107,216; disclaimer filed May 26, 1939; v. 503; p. 859.

Ruthruff, Robert F., Joseph K. Roberts, and Morris T. Carpenter, Hammond, Ind. Disclaimer filed by the assignee, Standard Oil Company. No. 2,035,409; disclaimer filed Apr. 22, 1939; v. 502; p. 567.

Schaaf, James E., Nutley, N. J. Disclaimer filed by the assignees, General Electric Company and General Motors Corporation. No. 2,126,285; disclaimer filed July 19, 1939; v. 505; p. 243.

Schaberle, George Stephen, Glendive, Mont. Disclaimer filed by the inventor. No. 2,068,040; disclaimer filed Aug. 12, 1939; v. 506; p. 16.

Schmid, Max, Riechen, near Basel, Switzerland. Disclaimer filed by the assignee, Society of Chemical Industry in Basle. No. 2,043,869; disclaimer filed Mar. 23, 1939; v. 501; p. 576.

Schoepf, Theodore H., and David M. Ritchie, Cincinnati, Ohio. (Two cases.) Disclaimers filed by the assignee, The Westinghouse Air Brake Company. Nos. 2,085,871 and 2,085,873; disclaimers filed Oct. 21, 1939; v. 508; p. 299.

Seiter, Eugene R., Ridgefield Park, N. J. Disclaimer filed by the assignee, T. W. & C. B. Sheriden Company. No. 1,791,081; disclaimer filed Sept. 9, 1939; v. 507; p. 785.

Shaw, Victor S., Cardington, Ohio. Disclaimer filed by the assignee, The Hydraulic Press Corporation, Inc.; the patentee joining and concurring. No. 2,107,190; disclaimer filed Feb. 25, 1939; v. 500; p. 518.

Sheets, Robert A., Oak Park, and Stanley E. Noble, Lake Forest, Ill. Disclaimer filed by the assignee, General Railway Signal Company. No. 2,115,979; disclaimer filed May 17, 1939; v. 503; p. 312.

Smede, Lloyd, and Errol B. Shand, Pittsburgh, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 1,852,093; disclaimer filed Aug. 2, 1939; v. 505; p. 757.

Smith, Frank L., Jacob S. Caufield, and Charles J. Peterson, Sacramento, Calif. Disclaimer filed by the assignee, Super Mold Corporation. No. 1,662,035; disclaimer filed May 18, 1939; v. 503; p. 312.

Smith, Swan, White Bear, Minn. Disclaimer filed by the assignee, David C. Shepard. No. 2,097,899; disclaimer filed Nov. 8, 1939; v. 509; p. 16.

Söll, Julius, Leverkusen-I. G. Werk, Germany. Disclaimer filed by the assignee, I. G. Farbenindustrie Aktiengesellschaft. No. 2,129,289; disclaimer filed Feb. 21, 1939; v. 500; p. 518.

Sonneborn, John R., Willow Grove, Pa. Disclaimer filed by the assignee, Autokraft Box Corporation. No. 1,646,563; disclaimer filed June 3, 1939; v. 503; p. 859.

Specht, Christian H., Los Angeles, Calif. Disclaimer filed by the patentee. No. 2,178,975; disclaimer filed Dec. 4, 1939; v. 509; p. 796.

Stansbury, Carroll, Wauwatosa, Wis. Disclaimer filed by the assignee, Cutler-Hammer, Inc. No. 2,002,281; disclaimer filed Nov. 6, 1939; v. 509; p. 16.

Steckel, Abram P., Youngstown, Ohio. (Two cases.) Disclaimers filed by the assignee, The Cold Metal Process Company. Nos. 1,744,017 and 1,744,018; disclaimers filed Sept. 1, 1939; v. 506; p. 799.

Steenstrup, Christian, Shenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,071,183; disclaimer filed Feb. 18, 1939; v. 500; p. 518.

Stein, Irving M., and Jacob C. Peters, Jr., Philadelphia, Pa. Disclaimer filed by the assignee, Leeds and Northrup Company. No. 2,119,061; disclaimer filed May 5, 1939; v. 502; p. 873.

Stewart, William M., San Francisco, Calif. Disclaimer filed by the assignee, Controlled Refrigerants Company Ltd. No. 2,011,881; disclaimer filed July 22, 1939; v. 505; p. 757.

Stoddard, Ralph N., Pittsburgh, and Edwin H. Vedder, Forest Hills, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,134,538; disclaimer filed Apr. 27, 1939; v. 502; p. 873.

Storck, Frederick W., Arlington, Mass. Disclaimer filed by the assignee, Standard Mailing Machines Company. Re. No. 19,951; disclaimer filed Jan. 31, 1939; v. 499; p. 531.

Stuart, Harve R., Springfield, Ohio. Disclaimer filed by the assignee, Elisha N. Falls; the licensee, Zenith Radio Corporation, joining and approving. No. 1,802,094; disclaimer filed Dec. 12, 1938; v. 498; p. 275.

Sugerman, Louis, Chicago, Ill. Disclaimer filed by the assignee, Leon Benoit; the patentee, concurring. Re. No. 19,028; disclaimer filed Feb. 21, 1939; v. 500; p. 517.

Sutherlin, Lee, Wilkinsburg, and Albert J. Harcher, Homestead, Pa. Disclaimer filed by the assignee, Westinghouse Electric & Manufacturing Company. No. 2,088,493; disclaimer filed Nov. 15, 1939; v. 509; p. 16.

Tears, Claude F., Mountain Lakes, N. J. Disclaimer filed by the assignee, The Petroleum Process Corporation. No. 2,067,802; disclaimer filed Oct. 28, 1939; v. 508; p. 565.

Thienemann, Rolf A., Chicago, Ill. Disclaimer filed by the assignee, Teletypesetter Corporation. No. 2,060,838; disclaimer filed Jan. 25, 1939; v. 499; p. 531.

Thies, Herman R., and Theodore A. Riehl, Akron, Ohio. Disclaimer filed by the assignee, Wingfoot Corporation. No. 2,054,454; disclaimer filed Mar. 30, 1939; v. 501; p. 576.

Thrift, Dean, San Antonio, Tex. Disclaimer filed by the patentee. No. 2,046,798; disclaimer filed Feb. 27, 1939; v. 500; p. 518.

Tyler, Tracy B., Detroit, Mich. Disclaimer filed by the assignee, Steiner Sales Company. No. 1,959,938; disclaimer filed Dec. 23, 1938; v. 498; p. 967.

Van Orden, Millard E., Ithaca, N. Y. Disclaimer filed by the patentee. No. 2,094,861; disclaimer filed Jan. 19, 1939; v. 499; p. 783.

Wallace, Archibald L., Brooklyn, N. Y. Disclaimer filed by the assignee, Metal Hose & Tubing Co. Inc. No. 1,915,041; disclaimer filed Mar. 30, 1939; v. 501; p. 863.

Walliser, Robert E., Chicago, Ill. Disclaimer filed by the patentee; the assignee, Lewis G. Blessing, assenting and concurring. No. 1,660,536; disclaimer filed Apr. 15, 1939; v. 502; p. 263.

Wasberg, Axel, Chicago, Ill. Disclaimer filed by the assignee, Chicago Railway Equipment Company. No. 2,096,569; disclaimer filed Aug. 28, 1939; v. 506; p. 538.

Welch, Jack T., San Diego, Calif. Disclaimer filed by the assignee, James Heddon's Sons. Re. No. 18,390; disclaimer filed Dec. 4, 1939; v. 509; p. 795.

Welch, Lourde J., Chicago, Ill. Disclaimer filed by the assignee, The Classroom Teacher, Inc. No. 1,964,236; disclaimer filed May 11, 1939; v. 502; p. 1184.

West, Francis, Jr., Chilmarks, Mass. Disclaimer filed by the patentee. No. 2,060,766; disclaimer filed June 6, 1939; v. 503; p. 859.

Wight, Sedgwick N., Rochester, N. Y. Disclaimer filed by the assignee, General Railway Signal Company. No. 2,132,139; disclaimer filed May 13, 1939; v. 503; p. 10.

Wilford, Edward Burke, Merion, and Elliot Daland, Philadelphia, Pa. Disclaimer filed by the patentees. No. 2,068,617; disclaimer filed Mar. 23, 1939; v. 501; p. 576.

Williams, Ira, Wilmington, Del. Disclaimer filed by the assignee, E. I. du Pont de Nemours and Company, Inc. No. 1,950,436; disclaimer filed Nov. 13, 1939; v. 509; p. 16.

Withrow, Joseph E., and Lyman W. Close, Toledo, Ohio. Disclaimer filed by the assignee. No. 1,732,708; disclaimer filed July 14, 1939; v. 505; p. 242.

Woelm, Alfred, Berlin, Germany. Disclaimer filed by the assignee, Penmac Corporation. No. 1,700,246; disclaimer filed Oct. 12, 1939; v. 508; p. 299.

Yorke, George M., New York, and Robert F. Dirkes, Jamaica, N. Y. Disclaimer filed by the assignee, The Western Union Telegraph Company. No. 2,048,311; disclaimer filed May 13, 1939; v. 503; p. 10.

Zimmerman, William R., Cleveland, Ohio. Disclaimer filed by the assignee, The Bishop & Babcock Mfg. Company. No. 1,590,146; disclaimer filed Nov. 13, 1939; v. 509; p. 16.

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Apple. J. W. Savely. 327; Apr. 18.
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Chrysanthemum. R. C. Murphey. 310; Jan. 17.
Dahlia. R. Y. Kimura. 322; Mar. 28.
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Poinsettia. P. Ecke. 336; Aug. 8.
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A and B battery combination. W. H. Huth. 2,176,671; Oct. 17.
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Abietyl compounds and products produced thereby, Treatment of. E. R. Littmann. 2,143,989; Jan. 17.
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Abietyl compounds and products produced thereby, Treatment of. E. R. Littmann. 2,177,530; Oct. 24.
Abrading and blackboard cleaning machine. H. A. Swan. 2,178,865; Nov. 7.
Abrading apparatus. C. H. Hammell. 2,154,843; Apr. 18.
Abrading apparatus. E. O. Hamren. 2,160,697; May 30.
Abrading apparatus. W. A. Rosenberger. 2,163,631; June 27.
Abrading apparatus. L. B. and S. J. Tuchmann. 2,161,112; June 6.
Abrading device. A. V. Breed. 2,166,676; July 18.
Abrading device. C. Trinkle. 2,178,381; Oct. 31.
Abrading element. F. Postma. 2,167,312; July 25.
Abrading implement and making and assembling the same. L. Hale, E. M. Pennock, and E. E. Price. 2,185,027; Dec. 26.
Abrading machine. A. N. Emmons. 2,148,061; Feb. 21.
Abrading machine. A. N. Emmons. 2,179,995; Nov. 14.
Abrading machine. A. S. Johnson. 2,179,507; Nov. 14.
Abrading machine. V. Kadri. 2,158,940; May 16.
Abrading tool. L. O. Beard. 2,170,585; Aug. 22.
Abrading tool. N. H. Knowlton. 2,146,302; Feb. 7.
Abrading tool. H. R. Moulton and F. D. Kinney. 2,145,888; Feb. 7.
Abrading tool. T. M. Schupp. 2,168,497; Aug. 8.
Abrading wheel. F. J. Hohnhorst. 2,162,013; June 13.
Abrasive. W. E. Catlin. 2,154,436; Apr. 18.
Abrasive. D. E. Edgar and H. G. Stauffer. 2,184,293; Dec. 26.
Abrasive and making the same, Bonded. N. P. Robie. 2,154,185; Apr. 11.
Abrasive article. J. F. A. Davis. 2,164,800; July 4.
Abrasive article. R. C. Benner and N. P. Robie. 2,179,487; Nov. 14.
Abrasive article. S. S. Kistler. 2,177,940; Oct. 31.
Abrasive article and its manufacture. W. P. Fitz-Randolph. 2,173,833; Sept. 26.
Abrasive article and manufacture. S. S. Kistler. 2,150,121; Mar. 7.
Abrasive article and manufacturing the same. F. J. Tone. 2,152,392; Mar. 28.
Abrasive article, Resinoid bonded. B. Sanford. 2,168,281; Aug. 1.
Abrasive article, Waterproof. H. R. Stratford. 2,174,902; Oct. 3.
Abrasive articles, Making. N. P. Robie and W. D. Rossow. 2,171,635; Sept. 5.
Abrasive articles, Manufacture of synthetic resin bonded. E. E. Novotny. 2,174,755; Oct. 3.
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Abrasive blanket, Resilient. C. B. Schneible. 2,178,728; Nov. 7.
Abrasive, Coated. J. F. A. Davis. 2,156,492; May 2.
Abrasive, Coated. N. E. Oglesby. 2,184,896; Dec. 26.
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Abrasive material, Metallic. J. F. Ervin. 2,145,757; Jan. 31.
Abrasive, Metallic. J. F. Ervin. 2,171,081–3; Aug. 29.
Abrasive product and making same, Water-resistant. C. R. Walker. 2,165,186; July 4.
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Abrasive treatment of metal sheets and the like, Method of and apparatus for. A. E. Jesser. 2,173,364; Sept. 19.
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Abrasive wheel and its manufacture. F. J. Tone. 2,143,636; Jan. 10.
Abrasive wheel, Segmental. H. W. H. Beth. 2,168,283; Aug. 1.
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Abrasive wheels during fabrication, Apparatus for balancing. O. S. Buckner and D. B. Wilson. 2,172,006; Sept. 5.
Abrasive wheels, Manufacture of. R. J. Goodnow and D. B. Wilson. 2,172,243; Sept. 5.
Absorbent and abrasive fabric. S. M. Smith, Jr. 2,156,549; May 2.
Absorbent article-saturating apparatus. S. P. Miller. 2,158,334; May 16.
Absorbents for hydrogen sulphide. J. C. Goshorn and P. O. Rockwell. 2,175,190; Oct. 10.
Absorber for refrigerating systems. E. Babcock. 2,156,908; May 2.
Absorber for refrigerating systems. C. C. Coons. 2,156,912; May 2.
Absorber for refrigerating systems. C. C. Coons. 2,178,869; Nov. 7.
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Absorber for refrigerating systems. A. D. Siedle. 2,156,925–6; May 2.
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Absorption device. T. A. Solberg. 2,151,053; Mar. 21.
Absorption medium. M. J. Copley. 2,149,937; Mar. 7.
Absorption of gases in liquids, Method of and apparatus for. S. Morse. 2,150,452; Mar. 14.
Absorption process. P. M. Raigorodsky. 2,168,683; Aug. 8.
Absorption refrigerating apparatus. R. S. Nelson. 2,152,269; Mar. 28.
Abutment and operating means, Rotary engine. A. G. Halverson. 2,149,767; Mar. 7.
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Acceleration and deceleration control. J. W. Logan, Jr. 2,151,924; Mar. 28.
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Accelerator and brake control. W. J. Smith. 2,176,280; Oct. 17.
Accelerator control, Automobile. J. S. Rodgers. 2,145,665; Jan. 31.
Accelerator control for motor vehicles. H. A. Liley. 2,165,897; July 11.
Accelerator-controlling device. A. E. Johnson. 2,167,843; Aug. 1.
Accelerator for automobiles, Left-foot. J. A. Gintling. 2,175,772; Oct. 10.
Accelerator governor linkage. E. M. Hinton and W. A. Brandt. 2,179,788; Nov. 14.
Accelerator mechanism. F. J. Hansen. 2,166,866; July 18.
Accelerator of vulcanization. P. C. Jones. 2,177,548; Oct. 24.
Accelerator of vulcanization. L. B. Sebrell. 2,173,732; Sept. 19.
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Accelerator timer control. A. P. Bloxsom. 2,169,216; Aug. 15.
Accelerators. H. I. Cramer. 2,150,424; Mar. 14.
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Accelerometer. E. Bach. 2,183,002; Dec. 12.
Accessories on steering wheels, Mounting ornamental. G. A. Lyon. 2,153,380; Apr. 4.
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Accessory for steering. J. L. Barr. 2,143,182; Jan. 10.
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Accordion bellows lock. J. M. Bolster. 2,162,054; June 13.
Accordions, Double bass shift for. C. Lindeberg. 2,180,684; Nov. 21.
Accordions, Transposing device for piano. F. Kostka. 2,148,206; Feb. 21.
Accounting apparatus. J. W. Bryce, G. F. Daly, and G. Lowkrantz. 2,174,683; Oct. 3.
Accounting apparatus. F. Thomas. 2,147,067; Feb. 14.
Accounting, checking, and punch-recording system. J. P. Buckley. 2,161,280; June 6.
Accounting device, Slip. A. M. Martin. 2,170,642; Aug. 22.
Accounting machine. W. A. Anderson. 2,177,817; Oct. 31.
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Accounting machine. J. T. Davidson. Re. 21,051; Apr. 18.
Accounting machine. M. M. Goldberg. 2,167,714; Aug. 1.
Accounting machine. M. M. Goldberg. 2,175,346; Oct. 10.
Accounting machine. C. L. Lee. 2,167,760; Aug. 1.
Accounting machine. C. L. Lee. 2,181,975; Dec. 5.
Accounting machine. A. W. Mills. 2,172,067; Sept. 5.

Accounting machine. J. R. Peirce. 2,182,001; Dec. 5.
Accounting machine. V. O. Wilkerson. 2,165,325; July 11.
Accounting machine. G. Ziguelde. 2,172,078; Sept. 5.
Accounting or the like machine. E. Breitling and H. Schwenk. 2,142,346; Jan. 3.
Accounting system. H. G. Johnstone and J. C. Gates. 2,158,872; May 16.
Accounting system. W. W. Lasker and W. F. Kelley. 2,172,754; Sept. 12.
Accounting system and machine. W. W. Lasker and W. F. Kelley. 2,165,556; July 11.
Accumulator. L. N. Ascari. 2,176,781; Oct. 17.
Accumulator, Removable. H. F. Allen. 2,170,890; Aug. 29.
Acetal resin sheets containing tetrahydrofurfuryl maleate, Polyvinyl. H. B. Smith. 2,184,155; Dec. 19.
Acetaldehyde from gases containing acetylene, Production of. F. Lieseberg. 2,153,578; Apr. 11.
Acetaldehyde from gases containing acetylene, Production of. F. Lieseberg and G. Wietzel. 2,153,985; Apr. 11.
Acetals of formaldehyde, Preparing cyclic. K. Billig. 2,182,754; Dec. 5.
Acetic acid, Photochemical purification of. A. W. Goos and J. S. Owens. 2,149,765; Mar. 7.
Acetic anhydride, Making. G. Benson. 2,170,002; Aug. 22.
Acetic anhydride, Separation of. H. M. Guinot. 2,159,146; May 23.
Acetone fermentation process, Butyl. F. M. Hildebrandt and N. M. Erb. 2,169,246; Aug. 15.
Acetylene, Apparatus for the preparation of. H. Holler and O. Mues. 2,180,085; Nov. 14.
Acetylene, Catalytic polymerization of. A. S. Carter and H. W. Starkweather. 2,162,373; June 13.
Acetylene from gaseous mixtures, Separation of. F. R. Balcar. 2,180,386; Nov. 21.
Acetylene gas producing plant. H. Gebhardt. 2,148,935; Feb. 28.
Acetylene glycols, Preparation of. A. D. Macallum. 2,162,676; June 13.
Acetylene, Manufacture of. F. J. Metzger. 2,179,379; Nov. 7.
Acetylene, Manufacture of. W. H. Smyers. 2,165,820; July 11.
Acetylene, Preparing. R. E. Burk. 2,153,115; Apr. 4.
Acetylene, Producing monovinyl. H. Berg, H. Heim, and F. Leiss. 2,158,051; May 16.
Acetylene, Production of. F. J. Metzger. 2,179,378; Nov. 7.
Acetylene solution. N. D. Scott and C. R. Harris. 2,146,448; Feb. 7.
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Acetic acid.
Acid addition compounds of higher fatty acid amides. E. A. Mauersberger. 2,151,788; Mar. 28.
Acid, Aliphatic sulphonic. H. Holsten. 2,170,380; Aug. 22.
Acid amide compounds, Sulphonic. R. Behnisch, J. Klarer, and F. Mietzsch. 2,169,971; Aug. 15.
Acid amides, Preparation of acetoacetyl aromatic. A. B. Boese, Jr. 2,152,787; Apr. 4.
Acid amides, Production of carboxylic. H. Hopff, H. Kellermann, and A. Freytag. 2,168,161; Aug. 1.
Acid-amine condensation product. A. G. Hovey and T. S. Hodgins. 2,153,801; Apr. 11.
Acid-amine condensation products. A. G. Hovey and T. S. Hodgins. 2,149,678; Mar. 7.
Acid and derivatives thereof, N-diphenyl oxamic. J. E. Malowan. 2,143,520; Jan. 10.
Acid and its isomers, Production of ascorbic. R. Pasternack and P. P. Regna. 2,165,151; July 4.
Acid and its salts, Apparatus for the electrolytic manufacture of persulphuric. J. Müller. 2,177,626; Oct. 24.
Acid and other lower fatty acids, Dehydration of acetic. D. F. Othmer. 2,157,143; May 9.
Acid and preparing it, Cativic. N. L. Kalman. 2,152,743; Apr. 4.
Acid and preparing the same, Polycarboxylic. A. W. Ralston. 2,162,971; June 20.
Acid anhydrides, Preparing aliphatic. J. Lösch, F. Walter, H. Behringer, and O. Schlottig. 2,177,494; Oct. 24.
Acid anhydrides, Production of volatile fatty. H. Schulz. 2,163,013; June 20.
Acid, Apparatus for concentrating sulphuric. J. Bachi. 2,155,633; Apr. 25.
Acid, Apparatus for making aqueous hydrofluoric. H. C. Kremers. 2,155,315; Apr. 18.
Acid by reaction of nitric acid and arsenious oxide, with recovery of nitric acid, Producing arsenic. B. M. Carter. 2,165,957; July 11.
Acid components from hydrocarbon distillates, Removing. D. L. Yabroff. 2,152,720; Apr. 4.
Acid components from hydrocarbon distillates, Removing. D. L. Yabroff. 2,152,723; Apr. 4.
Acid components from hydrocarbon distillates, Removing. D. L. Yabroff. 2,168,078; Aug. 1.
Acid components from hydrocarbon distillates, Removing. D. L. Yabroff. 2,183,801; Dec. 19.
Acid components from hydrocarbon solutions, Removing. D. L. Yabroff and E. R. White. 2,149,379–80; Mar. 7.
Acid components from hydrocarbon solutions, Removing. D. L. Yabroff and E. R. White. 2,160,632; May 30.
Acid compounds, Diphenyl-diamino. E. A. Markush and J. Miller. 2,164,932; July 4.
Acid compounds, Stabilization of fatty. G. D. Martin. 2,154,341; Apr. 11.
Acid compounds, Thiobarbituric. A. W. Dox. 2,153,711–12; Apr. 11.
Acid, Concentrating acetic. D. F. Othmer. 2,184,563; Dec. 26.
Acid contact process, Sulphuric. N. A. Laury. 2,142,855; Jan. 3.
Acid, Deodorizing of spent sulphuric. G. T. Reich. 2,145,316; Jan. 31.
Acid derivatives, Carbonic. K. Miescher and H. Kaegi. 2,173,423; Sept. 19.
Acid derivatives of polyisobutylene, Sulphuric. J. Ross. 2,160,343; May 30.
Acid derivatives, Preparing acetyl acetic. A. H. Gleason. 2,174,239; Sept. 26.
Acid derivatives, Thiobarbituric. E. H. Volwiler and D. L. Tabern. 2,153,729–32; Apr. 11.
Acid distillation, Fatty. C. E. McCulloch. 2,147,306; Feb. 14.
Acid ester compositions, Rubber hydrohalide-salicylic. H. A. Winkelmann and E. W. Moffett. 2,167,381; July 25.
Acid esters and making, Diazo sulphonic. J. G. Kern. 2,154,509; Apr. 18.
Acid esters and process of manufacture, Keto carboxylic. I. Gubelmann. 2,144,455; Jan. 17.
Acid esters, Forming sulphuric. M. E. Cupery and J. H. Shipp. 2,147,785; Feb. 21.
Acid esters from starch factory by-products, Production of fatty. S. M. Cantor. Re. 21,291; Dec. 12.
Acid esters from starch factory byproducts, Production of fatty. S. M. Cantor. 2,147,241; Feb. 14.
Acid esters of cellulose, Manufacture of mixed. C. J. Malm and G. D. Hiatt. 2,172,250; Sept. 5.
Acid esters of cellulose, Preparation of high viscosity organic. C. J. Malm. 2,176,088; Oct. 17.
Acid esters of cellulose, Preparation of mixed fatty. C. J. Malm. 2,173,945; Sept. 26.
Acid esters of polyhydroxy compounds and monohydroxy alcohols, Preparation of mixed dicarboxylic. C. J. Malm and C. R. Fordyce. 2,170,030; Aug. 22.
Acid esters of 2-chloroallyl alcohol, Saturated polycarboxylic. G. H. Coleman and B. C. Hadler. 2,159,008; May 23.
Acid esters, Preparation of phosphorus. T. H. Rogers, C. M. Loane, and B. H. Shoemaker. 2,175,509; Oct. 10.
Acid esters, Preparation of the redicto-dehydrocholic. M. Bockmühl, G. Ehrhart, and H. Ruschig. 2,143,676; Jan. 10.
Acid fermentation process, Lactic. J. F. Walsh and H. C. Needle. 2,143,358; Jan. 10.
Acid from gases containing the same, Removal of gaseous weak. H. Ulrich, R. Fick, H. Baehr, and W. Wenzel. 2,176,441; Oct. 17.
Acid glycerides, Hydrogenation of fatty. I. Seto and M. Sato. 2,147,177; Feb. 14.
Acid liquors, Treating. A. J. Tulleners. 2,155,027; Apr. 18.
Acid, Manufacture of arsenic. G. L. Scott. 2,165,944; July 11.
Acid, Manufacture of formic. J. F. Eversole. 2,160,064; May 30.
Acid, Manufacture of glycolic. D. J. Loder. 2,152,852; Apr. 4.
Acid, Manufacture of hydrocyanic. C. R. Harris. 2,184,062; Dec. 19.
Acid, Manufacture of levo-ascorbic. F. Elger. 2,179,977–8; Nov. 14.
Acid, Manufacture of levo-ascorbic. W. Wenner. 2,159,191; May 23.
Acid, Manufacture of mellitic. B. Juettner. 2,176,348; Oct. 17.
Acid, Manufacture of phosphatic. J. E. Malowan. 2,169,588–9; Aug. 15.
Acid, Manufacture of sulphuric. B. M. Carter. 2,180,727; Nov. 21.
Acid, Manufacture of sulphuric. E. S. Ridler and J. F. W. Schulze. 2,173,916; Sept. 26.
Acid manufacture, Sulphuric. F. G. Brueckmann and W. G. Roesch. 2,146,792; Feb. 14.
Acid, Manufacturing sebacic. H. A. Bruson and L. W. Covert. 2,182,056; Dec. 5.
Acid nitriles, Production of unsaturated aliphatic or cycloaliphatic carboxylic. K. Pieroh. 2,174,756; Oct. 3.
Acid, 1-naphthaleneacetic. R. O. Roblin, Jr., and I. Hechenbleikner. 2,166,554; July 18.
Acid pickling bath device. C. F. Franzwa. 2,177,101; Oct. 24.
Acid, Preparation of crystalline anhydrous citric. R. Pasternack and J. C. L. Blagg. 2,148,874; Feb. 28.
Acid, Preparation of glycolic. A. T. Larson. 2,153,064; Apr. 4.
Acid, Preparation of methacrylic. W. Bauer. 2,153,406; Apr. 4.
Acid, Preparing octadecadiene. R. Priester. 2,156,737; May 2.
Acid, Pressure synthesis of sulphuric. E. Berl. 2,184,707; Dec. 26.
Acid, Producing acrylic. H. Berg and F. Leiss. 2,146,282; Feb. 7.

Acid, Producing ascorbic. R. Pasternack and P. P. Regna. 2,165,184; July 4.
Acid. Producing highly concentrated nitric. R. Wendlandt. 2,169,826; Aug. 15.
Acid, Producing sulphuric. J. B. Castner. 2,163,371; June 20.
Acid production, Glutamic. G. Braun. 2,176,785; Oct. 17.
Acid, Production of glutaric. M. H. Nelles. 2,168,844; Aug. 8.
Acid, Production of nitric. S. L. Handforth and J. W. Tilley. 2,142,646; Jan. 3.
Acid, Production of pure benzoic. W. Koch. 2,154,626; Apr. 18.
Acid, Production of sulphuric. C. T. Koolman, W. Siecke, and M. Wohlwill. 2,172,617; Sept. 12.
Acid purification, Phosphoric. R. J. Kepfer and W. R. Devor. 2,174,158; Sept. 26.
Acid, Purifying phosphoric. A. B. Hettrick. 2,165,100; July 4.
Acid, Recovery of hydrocyanic. F. W. Sperr, Jr. 2,143,821; Jan. 10.
Acid recovery, Sulphuric. M. C. Rogers, F. G. Brueckmann, and W. G. Roesch. 2,150,750; Mar. 14.
Acid resin and making same, Polyhydric alcohol polybasic. I. Rosenblum. 2,154,471; Apr. 18.
Acid resinous products, Making lactic. P. D. Watson. 2,174,491; Sept. 26.
Acid solutions by means of seven carbon atom aliphatic esters and five carbon atom aliphatic alcohol entrainers, Concentrating aqueous aliphatic. C. C. Hyatt, Jr. 2,176,500; Oct. 17.
Acidic solutions, Method and apparatus for handling. P. L. Menaul. 2,149,617; Mar. 7.
Acid synthesis, Propionic. D. J. Loder. 2,170,825; Aug. 29.
Acid to maleic anhydride, Conversion of maleic. L. U. Spence and J. C. Mitchell. 2,166,556; July 18.
Acid, Treatment of aqueous solutions of acetic. C. J. L. Coutor. 2,175,879; Oct. 10.
Acid treatment of cracked distillates. M. T. Kendall. 2,164,771; July 4.
Acid treatment of oils, Sulphuric. T. O. Edwards, Jr. and D. D. Stark. 2,155,007; Apr. 18.
Acids, Alkyl-substituted aromatic sulphonic. L. P. Kyrides. 2,161,173–4; June 6.
Acids and derivatives thereof, Manufacture of polymer carboxylic. K. Hamann. 2,163,238; June 20.
Acids and esters and manufacture thereof, Polyene carboxylic. R. Kuhn and C. Grundmann. 2,175,843; Oct. 10.
Acids and esters thereof, The dehydrogenation of hydroxy carboxylic. W. A. Lazier. 2,178,760; Nov. 7.
Acids and making the same, Substituted aryl sulphonic. A. L. Osterhof. 2,145,369; Jan. 31.
Acids and preparing them, Amino-carboxylic. C. Platz and J. Rosenbach. 2,164,781; July 4.
Acids and salts thereof, Producing sulphonic. W. Schrauth and E. Schirm. 2,171,117; Aug. 29.
Acids and their salts, Aliphatic aminomethane sulphinic R. Adams. 2,146,280; Feb. 7.
Acids and their salts, Aminoarylsulphonylamino aliphatic. M. E. Hultquist. 2,142,847; Jan. 3.
Acids and their salts, Paraminoarylsulfonamidoaryl orthosulfonic. E. H. Northey. 2,154,248; Apr. 11.
Acids and their salts, Preparing 2-keto-aldonic. R. Pasternack and P. P. Regna. 2,153,311; Apr. 4.
Acids and their salts, Production of saccharosonic. H. Ohle. 2,160,621; May 30.
Acids, Azeotropic distillation of aliphatic. J. J. Gordon and A. W. Bright. 2,171,549; Sept. 5.
Acids, Concentration of aliphatic. H. E. Martin. 2,156,345–6; May 2.
Acids containing quaternary carbon atoms, Substituted barbituric. F. C. Whitmore and M. A. Thorpe. 2,161,212; June 6.
Acids, Derivative of substituted succinic. W. Pinkernelle. 2,182,178; Dec. 5.
Acids derived from terpenemaleic anhydride addition products and preparing them, Keto carboxylic. J. H. Sachs. 2,144,464; Jan. 17.
Acids, Esterification of organic. H. J. West and A. O. Jaeger. 2,169,012; Aug. 8.
Acids exuding from silicious cements, Neutralization of. J. H. Schlesinger. 2,154,413; Apr. 11.
Acids from gases containing the same, Removing weak gaseous. H. Ulrich, H. Baehr, and W. Wenzel. 2,143,393; Jan. 10.
Acids from sludge, Recovery of. W. E. Fisher. 2,159,984; May 30.
Acids higher than acetic acid, Synthesis of organic. D. J. Loder. 2,162,459; June 13.
Acids, Making hydroxamic. S. B. Lippincott. 2,168,305; Aug. 1.
Acids, Manufacture of aliphatic. W. O. Kenyon. 2,184,555; Dec. 26.
Acids, Manufacture of derivatives of unsaturated. P. D. Ritchie, D. T. Jones, and R. Burns. 2,183,357; Dec. 12.
Acids, Manufacture of unsaturated. H. P. Staudinger. 2,183,325; Dec. 12.
Acids, Manufacture of unsaturated fatty. K. Hennig. 2,159,700; May 23.
Acids of aromatic compounds, Sulphonic. C. A. Thomas. 2,180,314; Nov. 14.
Acids of the cyclo-pentano polyhydro-phenanthrene series and preparing them, Carboxylic. M. Bockmühl, G. Ehrhart, and H. Ruschig. 2,171,959; Sept. 5.
Acids of the dioxazine series, Preparing dyestuff sulphonic. H. Greune and M. Thiele. 2,143,598; Jan. 10.
Acids, 1-aryl-5-pyrazolone-3 carboxylic. M. A. Dahlen and M. E. Friedrich. 2,153,615; Apr. 11.
Acids, 1,5,5-alkyl-substituted barbituric. E. H. Volwiler and D. L. Tabern. 2,152,512; Mar. 28.
Acids, Preparation of organic. J. F. Walker. 2,171,871; Sept. 5.
Acids, Process for the separation and purification of organic. H. C. Howard. 2,176,343; Oct. 17.
Acids product and manufacture, Amino. K. S. Kemmerer. 2,180,636–7; Nov. 21.
Acids, Production of amino. W. H. Engels and G. A. Stein. 2,163,594; June 27.
Acids, Purification of naphthenic. H. G. Reiber. 2,170,506; Aug. 22.
Acids, Recovering aliphatic. H. G. Stone. 2,180,021; Nov. 14.
Acids, Recovering fatty. O. M. Urbain and W. R. Stemen. 2,171,198; Aug. 29.
Acids, Recovering fatty. O. M. Urbain and W. R. Stemen. 2,171,200; Aug. 29.
Acids, Recovering fatty. O. M. Urbain and W. R. Stemen. 2,171,202; Aug. 29.
Acids, Refining phosphatovanadic. F. C. Bowman. 2,163,773; June 27.
Acids, Separating and recovering aliphytic. G. F. Nadeau and W. E. Fisher. 2,165,293; July 11.
Acids, Thermal dehydration of aliphatic. H. Dreyfus. 2,160,840–2; June 6.
Acids, Thiobarbituric. A. W. Dox. 2,182,518; Dec. 5.
Acids, Treatment of fatty. F. G. Amthor and G. Zinzalian. 2,162,542; June 13.
Acids with ketones and esters, Dehydration of lower fatty. D. F. Othmer. 2,170,834; Aug. 29.
Acoustic apparatus. G. M. Giannini. 2,172,871; Sept. 12.
Acoustic assembly for the hard of hearing. C. A. Volf. 2,180,889; Nov. 21.
Acoustic device. H. W. Bryant. 2,143,404; Jan. 10.
Acoustic device. R. J. Emmert. Re. 21,159; July 25.
Acoustic device. E. P. Kennedy. 2,164,157; June 27.
Acoustic device. E. E. Mott. 2,162,270; June 13.
Acoustic device. E. E. Mott. 2,170,571; Aug. 22.
Acoustic device. A. L. Thuras. 2,171,733; Sept. 5.
Acoustic material. G. E. Hudson. 2,165,101; July 4.
Acoustic surfacing for walls, ceilings, partitions, or the like. P. M. Heerwagen. 2,161,708; June 6.
Acoustic translating devices, Method of and apparatus for testing. R. G. Piety. 2,178,347; Oct. 31.
Acoustical device. J. M. Franzblau. 2,182,865; Dec. 12.
Acoustical device. E. H. Schwencke. 2,167,377; July 25.
Acoustical measuring device. H. Belar. 2,184,542; Dec. 26.
Acoustical treatment for upholstered structures. T. M. Prudden. 2,168,627; Aug. 8.
Acrylates. W. A. Lott. 2,158,239; May 16.
Acrylic and alkacrylic compounds, Polymerizing. H. R. Dittmar. 2,163,305; June 20.
Activator for oxygen baths. R. Neu. 2,176,508; Oct. 17.
Actuating mechanism. R. O. Hoyt. 2,176,008; Oct. 10.
Actuating mechanism. A. Langsner. 2,171,755; Sept. 5.
Actuating mechanism for a press. J. P. Daly. 2,145,294; Jan. 31.
Actuator for glare shields. M. J. Larson. 2,158,330; May 16.
Acyl derivatives of tetralylquinol, Preparing. Y. Asahina. 2,151,371; Mar. 21.
Acyl derivatives of the dihydrofollicle hormone and resulting product, Producing. F. Hildebrandt and E. Schwenk. 2,154,272; Apr. 11.
Acylacetic arylides, Preparation of. F. H. Adams. 2,145,617; Jan. 31.
Acyloins and producing them, Sulphated. C. O. Henke and J. L. Richmond. 2,174,127; Sept. 26.
Adapter. R. S. Woodruff. 2,179,912; Nov. 14.
Adapter for miniature lantern slides. O. Wittel. 2,153,221; Apr. 4.
Adapters, Producing. W. J. Gazey. 2,176,993; Oct. 24.
Adding and calculating machine. L. M. Llorens. 2,152,320; Mar. 28.
Adding, subtracting, and multiplying machine. H. L. Clary. 2,167,827; Aug. 1.
Address stabilizing system, Public. E. W. Kellogg. 2,157,177–8; May 9.
Address system, Public. A. B. Smith. 2,149,637; Mar. 7.
Addresses or the like, Printing. R. X. Perry. 2,176,187; Oct. 17.
Addressing. H. P. Elliott. 2,145,301; Jan. 31.
Addressing and listing machine. P. M. Rainey. 2,153,642; Apr. 11.
Addressing and printing machine. C. Smith. Re. 21,110; June 6.
Addressing machine. H. P. Elliott. 2,144,650; Jan. 24.
Addressing machine. H. P. Elliott. 2,152,179; Mar. 28.
Addressing machine and card feeding mechanism therefor. H. P. Elliott. 2,165,748; July 11.
Addressing machine and card feeding mechanism therefor. H. P. Elliott. 2,185,014; Dec. 26.
Addressing machine with counter. M. Maul. 2,146,307; Feb. 7.

Adhesive. P. B. Davidson and J. R. Adams. 2,159,613; May 23.
Adhesive. L. Davis. 2,162,194; June 13.
Adhesive. A. J. Heberer. 2,181,129; Nov. 28.
Adhesive. W. Hentrich and R. Köhler. 2,145,303; Jan. 31.
Adhesive. W. Hentrich, R. Köhler, and F. Schlegel. 2,148,554; Feb. 28.
Adhesive. W. Hentrich and R. Köhler. 2,164,585; July 4.
Adhesive. W. P. Hilbourn. 2,182,399; Dec. 5.
Adhesive. R. Köhler. 2,180,152; Nov. 14.
Adhesive. R. W. Maxwell. 2,182,524; Dec. 5.
Adhesive. A. Menger. 2,142,279; Jan. 3.
Adhesive. W. H. Moss. 2,153,584; Apr. 11.
Adhesive and making the same. W. D. Fawthrop. 2,164,269; June 27.
Adhesive attachment strip. E. Karfiol. 2,142,194; Jan. 3.
Adhesive composition. J. G. Little. 2,179,339; Nov. 7.
Adhesive composition. W. L. Morgan. 2,170,273; Aug. 22.
Adhesive composition, Liquid. A. D. Macdonald. 2,163,611; June 27.
Adhesive compositions. H. F. and J. V. Bauer and D. M. Hawley. 2,145,195; Jan. 24.
Adhesive compositions. A. D. Macdonald. 2,163,610; June 27.
Adhesive compositions, Plastic polymerized chloroprene. A. D. Macdonald. 2,163,609; June 27.
Adhesive compositions, Waterproof. E. O. Groskopf. 2,175,797; Oct. 10.
Adhesive, Decalcomania. P. D. Dexheimer. 2,143,868; Jan. 17.
Adhesive, Depilating. C. T. Walter. 2,176,162; Oct. 17.
Adhesive for insecticides. L. D. Goodhue. 2,146,257–8; Feb. 7.
Adhesive for linoleum and the like floor coverings. C. Schülein. 2,154,872; Apr. 18.
Adhesive handling apparatus. J. F. Smith. 2,165,767; July 11.
Adhesive or sizing material, Making. J. F. Corwin and H. V. Dunham. 2,174,438; Sept. 26.
Adhesive, Preparing an. A. D. Macdonald. 2,163,612; June 27.
Adhesive sheet, Pressure sensitive. R. T. K. Cornwell. 2,171,140; Aug. 29.
Adhesive sheeting. R. G. Drew. 2,177,627; Oct. 31.
Adhesive sheets, Preparing. W. L. Morgan. 2,170,949; Aug. 29.
Adhesive, Sound-deadening. J. A. Torri. 2,175,767; Oct. 10.
Adhesive tape. L. W. Geller. 2,156,335; May 2.
Adhesive tape. C. B. Strauch. 2,164,359; July 4.
Adhesive, Water-resistant. G. M. Shisler and E. Bergey. 2,150,849; Mar. 14.
Adhesives, Applying. R. Barnard. 2,151,344; Mar. 21.
Adiponitrile, Process and apparatus for the production of. W. A. Lazier. 2,144,340; Jan. 17.
Adiponitriles to produce hexamethylene diamines, Catalytic hydrogenation of. B. W. Howk. 2,166,151; July 18.
Adjustable air filter. C. Lichtman. 2,175,903; Oct. 10.
Adjustable arm support. A. Rosenberg. 2,172,178; Sept. 5.
Adjustable bier pin. W. E. Binkley. 2,148,677; Feb. 28.
Adjustable book support. W. D. Smith. 2,173,379; Sept. 19.
Adjustable coupling. A. F. Robertson. 2,161,956; June 13.
Adjustable door. J. Rivard. 2,159,403; May 23.
Adjustable dual condenser. J. K. Johnson. 2,155,050; Apr. 18.
Adjustable electric lamp. W. Knapp. 2,170,201; Aug. 22.
Adjustable head support. A. M. Lewallen. 2,172,797; Sept. 12.
Adjustable mold. W. F. Eppensteiner. 2,154,234; Apr. 11.
Adjustable printing die. J. W. Ogden. 2,179,269; Nov. 7.
Adjustable reclining chair. A Lorenz and H. Luckhardt. 2,173,283; Sept. 19.
Adjustable relief valve, Liquid pressure. H. Allen. 2,179,003; Nov. 7.
Adjustable resilient seat. A. F. Raders. 2,150,844; Mar. 14.
Adjustable saddle support. P. A. Vollmer. 2,159,188; May 23.
Adjustable seat. A. A. Buchner. 2,151,419; Mar. 21.
Adjustable seat. D. E. Crabb. 2,177,384; Oct. 24.
Adjustable seat. J. P. De Rose. 2,179,085; Nov. 7.
Adjustable seat. O. Kuhler. 2,153,763; Apr. 11.
Adjustable support. H. C. Johansen. 2,183,867; Dec. 19.
Adjustable support. T. A. McGregor. 2,161,366; June 6.
Adjustable support. T. A. McGregor. 2,179,129; Nov. 7.
Adjustable support. T. A. McGregor and A. J. Rhodes. 2,161,367; June 6.
Adjustable support. J. D. Piotrowski. 2,146,913; Feb. 14.
Adjustable thermostatic switch. L. L. Cunningham. 2,171,273; Aug. 29.
Adjustable treatment pad. S. A. Albert. 2,182,861; Dec. 12.
Adjustable wrench. A. R. Bunting. 2,181,012; Nov. 21.
Adjuster. A. G. and O. H. Juilfs. 2,176,629; Oct. 17.
Adjuster for swinging doors. A. Schneider. 2,164,948; July 4.
Adjusting and fastening means for corsets, girdles, and the like. H. P. Corsa. 2,155,305; Apr. 18.
Adjusting device. T. Koppelman. 2,143,561; Jan. 10.
Adjusting device, Automatic. R. C. Talbot. 2,174,426; Sept. 26.
Adjusting device for endless chains. J. H. Wilson. 2,180,449; Nov. 21.
Adjusting device for photographic and cinematographic objectives. M. Brinck and W. Grönebaum. 2,164,695; July 4.
Adjusting device for railroad switch points. W. S. Newhall. 2,177,148; Oct. 24.
Adjusting means. F. Moore. 2,184,358; Dec. 26.
Adjusting means for optical instruments. E. N. Anketell. 2,142,627; Jan. 3.
Adjusting means for rotary systems, particularly direction-finders, Automatic. R. Weber. 2,153,782; Apr. 11.
Adjusting mechanism for propeller blades and the like. U. de Caria. 2,182,285; Dec. 5.
Adjusting mechanism for tractor implements. H. P. Smith. 2,180,124; Nov. 14.
Adjustment device for brakes, Automatic. W. W. Riedel. 2,154,075; Apr. 11.
Adjustment means, Automatic. O. M. Burkhardt. 2,183,668; Dec. 19.
Adsorbent agent, Producing an. H. R. Kraybill, P. H. Brewer, and M. H. Thornton. 2,174,177; Sept. 26.
Adsorbent and drying agent and producing it. P. H. Brewer and H. R. Kraybill. 2,176,851; Oct. 17.
Adsorbent filter. E. R. Sutcliffe and W. E. Edwards. 2,181,672; Nov. 28.
Adsorbent, Solvent regeneration of decolorizing. A. E. Miller and W. B. Chenault. 2,161,307; June 6.
Adsorbent, Solvent regeneration of spent decolorizing. A. E. Miller and G. R. Lord. 2,161,306; June 6.
Adsorbents, Revivification of spent. H. C. Cowles, Jr., and A. B. Hersberger. 2,168,327; Aug. 8.
Adsorber apparatus. L. A. Logan. 2,180,712; Nov. 21.
Adsorber apparatus. R. H. Osterloh and W. L. Scarborough. 2,180,119; Nov. 14.
Adsorption material. G. W. Brant. 2,177,473; Oct. 24.
Adsorption system of air conditioning. W. L. Fleisher. 2,147,248; Feb. 14.
Advertising and display device. J. Schweiger. 2,171,246; Aug. 29.
Advertising and display sign. W. A. C. Trollope and L. E. M. McVicar. 2,171,462; Aug. 29.
Advertising and educational device. M. Rivkin. 2,149,363; Mar. 7.
Advertising and warning sign. R. S. Kimball. 2,165,276; July 11.
Advertising apparatus. N. L. Askew. 2,145,747; Jan. 31.
Advertising apparatus. O. Twele. 2,165,736; July 11.
Advertising apparatus, Illuminating. H. Fürstenthal. 2,175,505; Oct. 10.
Advertising demonstration device. P. Crosley, Jr. 2,152,731; Apr. 4.
Advertising device. E. Dobrowsky. 2,143,143; Jan. 10.
Advertising device. C. Doering. 2,157,199; May 9.
Advertising device. H. J. Moorhouse. 2,181,104; Nov. 21.
Advertising device. A. St. C. Perry. 2,160,561; May 30.
Advertising device. H. S. Ray. 2,163,763; June 27.
Advertising device. D. A. Weis and W. L. Woolfe. 2,152,296; Mar. 28.
Advertising device, Aerial. C. E. Haines. 2,153,924; Apr. 11.
Advertising device and card holder, Combined. M. Cooper. 2,143,343; Jan. 10.
Advertising device and secondary closure. J. D. Baker. 2,177,359; Oct. 24.
Advertising device, Electroilluminating. A. J. Waterman. 2,150,643; Mar. 14.
Advertising device for cash registers, Illuminated. R. Venting. 2,178,087; Oct. 31.
Advertising device, Illuminated. J. A. Howenstine. 2,178,634; Nov. 7.
Advertising device, Luminous. G. L. Hall. 2,173,939; Sept. 26.
Advertising device, Portable. C. E. Stainbrook. 2,174,047; Sept. 26.
Advertising display case. S. P. C. Porter. 2,158,085; May 16.
Advertising display, Changeable. E. S. Corcoran. 2,144,217; Jan. 17.
Advertising display device. C. B. Graben. 2,162,915; June 20.
Advertising display device. E. J. Hayden and G. A. Smith. 2,177,136; Oct. 24.
Advertising display device. W. D. Humphrey. 2,172,583; Sept. 12.
Advertising display, Illuminating. R. Lancelot. 2,170,641; Aug. 22.
Advertising novelty. G. Arndt. 2,152,299; Mar. 28.
Advertising novelty. F. J. Gaudé. 2,144,877; Jan. 24.
Advertising sign. A. F. Eckel. 2,146,944; Feb. 14.
Advertising sign. R. J. Guba. 2,154,088; Apr. 11.
Advertising sign. W. W. Patterson. 2,181,409; Nov. 28.
Advertising sign. L. Skerl. 2,143,583; Jan. 10.
Advertising sign. J. Taddonio. 2,144,397; Jan. 17.

Aerated products. A. Musher. 2,162,585; June 13.
Aerating apparatus. A. J. Sackett. 2,174,896; Oct. 3.
Aerating device. J. Lockey. 2,176,558; Oct. 17.
Aerating machine. L. E. Booth. 2,182,442; Dec. 5.
Aerating tank. K. Imhoff. 2,180,148; Nov. 14.
Aeration apparatus. J. Lockey. 2,151,126; Mar. 21.
Aerial. H. J. Chapman. 2,180,398; Nov. 21.
Aerial. E. C. Cork. 2,153,298; Apr. 4.
Aerial. A. O. Haukedahl. 2,151,102; Mar. 21.
Aerial. T. O. Theobald. 2,167,286; July 25.
Aerial and aerial mounting arrangements. E. H. Trump. 2,144,038; Jan. 17.
Aerial and the like. A. T. Mace. 2,179,415; Nov. 7.
Aerial, Automatic slide. S. J. Max. 2,159,903; May 23.
Aerial, Automobile. L. C. Armstrong. 2,160,192; May 30.
Aerial, Automobile. R. A. Becwar. 2,161,736; June 6.
Aerial, Automobile radio. R. B. Blackmore. 2,157,278; May 9.
Aerial, Car. O. S. Harrington. 2,166,589; July 18.
Aerial device. C. B. Chupp. 2,181,477; Nov. 28.
Aerial display. N. N. Shorb. 2,153,940; Apr. 11.
Aerial, Motor vehicle. J. J. Clark. 2,161,698; June 6.
Aerial navigation, Method and means of. J. A. Zublin. 2,179,570; Nov. 14.
Aerial, Radio. E. B. Moullin. 2,171,256; Aug. 29.
Aerial system, Direction finding. S. B. Smith. 2,160,093; May 30.
Aerial system, Wireless. K. H. Barbour. 2,160,053; May 30.
Aerial system, Wireless. K. H. Barbour. 2,168,857; Aug. 8.
Aerial system, Wireless. E. C. Cork and J. L. Pawsey. 2,167,709; Aug. 1.
Aerobic filter. A. A. Page. 2,183,657; Dec. 19.
Aerological instrument. C. P. Yaglou. 2,154,927; Apr. 18.
Aeromuffler. M. E. Rutherford. 2,172,713; Sept. 12.
Age resistor. A. M. Clifford. 2,153,956; Apr. 11.
Age resistor. A. M. Clifford. 2,165,960; July 11.
Age resistor. W. Scott. 2,184,168; Dec. 19.
Agents for combating rodents, Manufacture and application of. P. Herzig and H. Kükenthal. 2,177,598; Oct. 24.
Agents of capillary activity. A. Steindorff, G. Balle, P. Heimke, and K. Horst. 2,167,325–6; July 25.
Ager for treating printed and like fabrics. Z. Sochor, A. Kvasnička, and S. Moch. 2,161,726; June 6.
Agglomerates, Forming. J. F. W. Schulze. 2,164,950; July 4.
Aggregate processing apparatus. I. J. Overman. 2,146,405; Feb. 7.
Aggregates in portable rock crusher machines, Conveying. P. C. Malmsten. 2,179,747; Nov. 14.
Agitating, advertising, and dispensing device. A. S. Levin. 2,172,104; Sept. 5.
Agitating and mixing mechanism. W. O. Chace. 2,183,859; Dec. 19.
Agitating device. C. J. Scudder. 2,144,127; Jan. 17.
Agitating device. R. H. Waller. 2,176,112; Oct. 17.
Agitator. F. P. Chapman. 2,161,134; June 6.
Agitator. J. H. Ingraham. 2,146,372; Feb. 7.
Agitator. L. A. James. 2,164,277; June 27.
Agitator. W. C. Knapp. 2,145,768; Jan. 31.
Agitator. E. Pick. 2,179,271; Nov. 7.
Agitator. J. W. Stevens. 2,151,944; Mar. 28.
Agitator and conditioner, Positively controlled vertical. M. Gaertner. 2,143,652; Jan. 10.
Agitator drive means for liquid containers. C. B. Dalzell and R. J. Neely. 2,144,715; Jan. 24.
Agitator, Drum. C. E. Farrington. 2,143,511; Jan. 10.
Agitator for food mixers. J. B. Kessel. 2,161,867; June 13.
Agitator for washing machines. P. E. Geldhof. 2,150,654; Mar. 14.
Agitator for washing machines. J. C. Nelson. 2,150,454; Mar. 14.
Agitator for washing machines. J. C. Nelson. 2,167,218; July 25.
Agitator for washing machines. C. C. Scheele. 2,168,887; Aug. 8.
Agitator insert for stoker retorts. A. J. Raddatz. 2,163,291; June 20.
Agitator, Washing machine. R. W. Carter. 2,177,383; Oct. 24.
Agitator, Washing machine. R. W. Janda. 2,159,271; May 23.
Agitator, Water driven. D. Canady. 2,142,237; Jan. 3.
Agricultural digging machine. C. Pezzolo. 2,161,428; June 6.
Agricultural implement. G. F. Dennler. 2,177,871; Oct. 31.
Agricultural implement. A. B. Ingram. 2,151,918; Mar. 28.
Agricultural implement. C. W. Kelsey. 2,176,261; Oct. 17.
Agricultural implement. A. J. Olson. 2,159,448; May 23.
Agricultural implement. J. R. Smith. 2,149,190; Feb. 28.
Agricultural implement attachment. A. H. Splittstoesser. 2,152,290; Mar. 28.
Agricultural implement, Depression-forming. O. E. and G. E. Miller. 2,150,839; Mar. 14.
Agricultural machine. A. M. A. Ferté. 2,177,803; Oct. 31.
Agricultural machine. W. D. Haines. 2,161,705; June 6.
Agricultural machine. L. D. Hillyer. 2,162,434; June 13.
Agricultural machine. E. B. Moore. 2,180,253; Nov. 14.
Agricultural machine. L. J. Pfister. 2,163,849–51; June 27.
Agriculture machine. D. Blunt. 2,163,726; June 27.
a-Halogenvinylketone. L. W. Metzger and O. Bayer. 2,173,066; Sept. 12.
Aileron device. E. F. Zaparka. 2,173,674; Sept. 19.
Air actuated acid feeder, Intermittent. A. E. Kittredge, and V. A. Rohlin. 2,155,943; Apr. 25.
Air and combustion products recovery system and apparatus therefor. J. F. Winkler. 2,160,187; May 30.
Air and fuel inlet for furnaces. G. A. Kohout. 2,178,359; Oct. 31.
Air, and the production of oxygen therefrom, and the liquefaction and separation of other gases, Production of liquid. G. Maiuri. 2,160,077; May 30.
Air, Apparatus and method for improving the. E. Gehrcke. 2,147,435; Feb. 14.
Air, Apparatus for cleaning. T. W. Hallerberg. Re. 21,272; Nov. 21.
Air, Apparatus for cleaning. T. W. Hallerberg. 2,179,229; Nov. 7.
Air, Apparatus for controlling the delivery of. D. Handelan. 2,147,741; Feb. 21.
Air, Apparatus for purifying. U. V. d'Annunzio. 2,150,027; Mar. 7.
Air brake. C. A. Campbell. 2,156,720; May 2.
Air brake. C. A. Campbell. 2,159,686–7; May 23.
Air brake. C. A. Campbell. 2,172,498; Sept. 12.
Air brake. C. A. Campbell. 2,177,767; Oct. 31.
Air brake. C. A. Campbell. 2,178,927; Nov. 7.
Air brake. C. A. Campbell. 2,181,223; Nov. 28.
Air brake. C. A. Campbell. 2,183,303; Dec. 12.
Air brake. N. E. Erickson. 2,155,701; Apr. 25.
Air brake. L. A. Safford. 2,167,057; July 25.
Air brake. R. R. Stitt. 2,175,510; Oct. 10.
Air bubbles from film dope, Removing. E. K. Carver. 2,168,972; Aug. 8.
Air circulating and conditioning apparatus, Vehicle body. J. N. H. Christman. 2,158,741; May 16.
Air circulating attachment for heating radiators. C. M. Woolley. 2,151,725; Mar. 28.
Air circulating attachment for refrigerator cars. W. A. Conwell. 2,184,488; Dec. 26.
Air circulating device. F. C. Kilb. 2,158,074; May 16.
Air circulating device. W. R. Wais. 2,159,189; May 23.
Air circulating system for rolling stock. E. L. Scheufler. 2,165,580; July 11.
Air circulator. H. J. Krackowizer. 2,148,238; Feb. 21.
Air cleaner. E. L. Cloud. 2,168,472; Aug. 8.
Air cleaner. R. C. Darnell. 2,159,551; May 23.
Air cleaner. J. C. Evans. 2,168,670; Aug. 8.
Air cleaner. W. J. Foster. 2,158,042; May 9.
Air cleaner. F. P. Frankford. 2,162,550; June 13.
Air cleaner. C. J. Glanzer. 2,151,593; Mar. 21.
Air cleaner. E. W. Graham. 2,180,411; Nov. 21.
Air cleaner. H. G. Kamrath. 2,171,752; Sept. 5.
Air cleaner. C. E. Loehr and J. H. Hill. 2,143,421; Jan. 10.
Air cleaner. M. A. Mieras and T. W. Hallerberg. 2,150,745; Mar. 14.
Air cleaner. W. A. Shaw. 2,155,911; Apr. 25.
Air cleaner and silencer, Combination. H. G. Kamrath. 2,143,350; Jan. 10.
Air cleaning and conditioning apparatus. J. T. Norman. 2,164,833; July 4.
Air compression system of variable radiation capacity. L. F. Wilson and J. M. Lammedee. 2,162,148; June 13.
Air compressor. C. E. Burch. 2,151,402; Mar. 21.
Air compressor. R. E. Lamberton. 2,161,828; June 13.
Air compressor and the like. A. H. Coleman. 2,174,032; Sept. 26.
Air conditioner. E. L. Anderson. 2,176,319; Oct. 17.
Air conditioner. W. Brown. 2,184,277; Dec. 26.
Air conditioner. M. Crandall and M. Sanders. 2,169,942; Aug. 15.
Air conditioner. C. C. Hunicke. 2,150,505; Mar. 14.
Air conditioner. A. J. Lamm. 2,178,176; Oct. 31.
Air conditioner. J. E. Long. 2,158,294; May 16.
Air conditioner, Dry ice. R. F. Peo. 2,171,762; Sept. 5.
Air conditioner for automobiles, buses, and the like. J. T. Gibbs and W. P. Young. 2,183,452; Dec. 12.
Air conditioner, Portable. M. Buck. 2,164,763; July 4.
Air conditioner, Roof mounted. R. F. Peo. 2,182,569; Dec. 5.
Air conditioning. C. F. Beeler. 2,168,614; Aug. 8.
Air conditioning. S. C. Coey. 2,162,158; June 13.
Air conditioning. R. B. P. Crawford. 2,177,869; Oct. 31.
Air conditioning. C. B. Grady. 2,170,992–3; Aug. 29.
Air conditioning. W. A. Gunter. 2,145,222; Jan. 24.
Air conditioning. W. S. H. Hamilton. 2,181,053; Nov. 21.
Air, Conditioning. H. J. Kaufman. 2,184,998; Dec. 26.
Air conditioning. C. A. Rodman. 2,164,223; June 27.
Air conditioning. L. N. Scott and S. C. Coey. 2,184,782; Dec. 26.
Air conditioning. H. M. Ullstrand. 2,179,734; Nov. 14.
Air conditioning. G. V. Woodling. 2,142,593; Jan. 3.
Air-conditioning and heating system, Piped. C. J. Thatcher. Re. 21,203; Sept. 5.

Air conditioning and purifying device, Portable. F. W. Klein. 2,144,426; Jan. 17.
Air conditioning apparatus. C. M. Ashley. 2,181,617; Nov. 28.
Air conditioning apparatus. W. H. Aubrey. 2,184,481; Dec. 26.
Air conditioning apparatus. H. F. Beeman. 2,157,519; May 9.
Air conditioning apparatus. H. E. Blood and R. R. Potter. 2,162,523; June 13.
Air conditioning apparatus. E. Q. Cole. 2,182,690; Dec. 5.
Air conditioning apparatus. H. B. Davison and E. M. Rice. 2,181,801; Nov. 28.
Air conditioning apparatus. C. R. Downs and J. W. Spiselman. 2,174,186; Sept. 26.
Air conditioning apparatus. M. N. Farr. 2,162,805; June 20.
Air conditioning apparatus. A. Feinberg. 2,143,979; Jan. 17.
Air conditioning apparatus. W. L. Fleisher. 2,149,593; Mar. 7.
Air conditioning apparatus. N. H. Gay. 2,152,251; Mar. 28.
Aid conditioning apparatus. C. B. Grady. 2,170,991; Aug. 29.
Air conditioning apparatus. G. Griffiths. 2,171,088; Aug. 29.
Air conditioning apparatus. J. Gottlieb. 2,155,484; Apr. 25.
Air conditioning apparatus. B. Headrick. 2,165,854; July 11.
Air conditioning apparatus. H. Hersperger. 2,159,024; May 23.
Air conditioning apparatus. H. C. Hewitt. 2,144,626; Jan. 24.
Air conditioning apparatus. F. J. Horvath. 2,146,071; Feb. 7.
Air conditioning apparatus. R. E. Husted. 2,143,777; Jan. 10.
Air conditioning apparatus. R. D. Lambert. 2,159,030; May 23.
Air conditioning apparatus. E. S. Lea. 2,143,628; Jan. 10.
Air conditioning apparatus. E. S. Lea. 2,153,932; Apr. 11.
Air conditioning apparatus. S. J. Levine. 2,184,354; Dec. 26.
Air conditioning apparatus. B. McInnerney. 2,150,514; Mar. 14.
Air conditioning apparatus. T. A. Milholland. 2,175,536; Oct. 10.
Air conditioning apparatus. C. T. Morse. 2,153,267; Apr. 4.
Air conditioning apparatus. M. L. Mueller. 2,172,399; Sept. 12.
Air conditioning apparatus. W. M. Neubert. 2,175,758; Oct. 10.
Air conditioning apparatus. J. P. Nicholson. 2,165,979; July 11.
Air conditioning apparatus. W. M. Niehart. 2,174,060; Sept. 26.
Air conditioning apparatus. F. D. Pfening and M. Conklin. 2,156,162; Apr. 25.
Air conditioning apparatus. B. F. Randel. 2,172,408; Sept. 12.
Air conditioning apparatus. D. H. Reeves. 2,154,638; Apr. 18.
Air conditioning apparatus. R. J. Ridge. 2,157,145; May 9.
Air conditioning apparatus. F. C. Seeger. 2,156,609; May 2.
Air conditioning apparatus. L. E. Seeley. 2,161,834; June 13.
Air conditioning apparatus. J. B. Shaver. 2,170,576; Aug. 22.
Air conditioning apparatus. J. H. Simpson. 2,169,435; Aug. 15.
Air conditioning apparatus. W. H. Sloan. 2,142,289; Jan. 3.
Air conditioning apparatus. L. C. Smith. 2,150,993; Mar. 21.
Air conditioning apparatus. M. C. Terry. 2,161,438; June 6.
Air conditioning apparatus. E. T. Turner. 2,152,574; Mar. 28.
Air conditioning apparatus. W. H. Wilbur. 2,147,475; Feb. 14.
Air conditioning apparatus, Control system for. R. J. Eisinger. 2,145,298; Jan. 31.
Air conditioning apparatus for motor vehicles. R. L. Bunting. 2,164,566; July 4.
Air conditioning apparatus for motor vehicles. E. J. Decker. 2,178,033; Oct. 31.
Air conditioning apparatus for passenger cars. W. J. Madden. 2,150,449; Mar. 14.
Air conditioning apparatus for railway vehicles. T. H. Schoepf and D. M. Ritchie. 2,143,284; Jan. 10.
Air conditioning apparatus for railway vehicles. T. H. Schoepf and D. M. Ritchie. 2,161,686; June 6.
Air conditioning apparatus for vehicle bodies. W. Lintern. 2,147,906; Feb. 21.
Air-conditioning appliance. F. A. Whiteley. 2,162,394; June 13.
Air conditioning control. H. L. Smith, Jr., and L. N. Jones. 2,156,317; May 2.
Air conditioning control system. C. W. Nessell. 2,170,388; Aug. 22.
Air conditioning device. F. J. Kurth. 2,160,549; May 30.
Air conditioning device. M. Mohrdieck. 2,175,779; Oct. 10.
Air conditioning device. F. B. Rentz. 2,158,707; May 16.
Air conditioning device. T. A. Taylor. 2,182,973; Dec. 12.
Air conditioning device, Automobile. D. T. Craft. 2,173,961; Sept. 26.
Air conditioning means for brooders and the like, Portable. W. E. Lyon. 2,179,893; Nov. 14.
Air conditioning mechanism. G. D. Kingsland. 2,154,511; Apr. 18.
Air conditioning mechanism. E. C. Warwick. 2,152,294; Mar. 28.
Air conditioning method. R. R. Bottoms. 2,183,132; Dec. 12.
Air conditioning, Method of and apparatus for controlled. W. J. Peltier. 2,171,147; Aug. 29.
Air conditioning, Summer-winter. G. D. Kingsland. Re. 21,154; July 18.
Air conditioning system. S. M. Anderson. 2,155,632; Apr. 25.
Air conditioning system. S. M. Anderson. 2,158,684; May 16.
Air conditioning system. S. M. Anderson. 2,165,829; July 11.
Air conditioning system. S. M. Anderson. 2,183,387; Dec. 12.
Air conditioning system. S. M. Anderson. 2,184,110; Dec. 19.
Air conditioning system. S. M. Anderson and R. T. Palmer. 2,152,130; Mar. 28.
Air conditioning system. W. J. Aulsebrook. 2,165,831; July 11.
Air conditioning system. G. D. Bower. 2,170,232; Aug. 22.
Air conditioning system. R. B. Crawford. 2,167,878; Aug. 1.
Air conditioning system. F. A. Ecoff. 2,164,579; July 4.
Air conditioning system. H. F. Finnemore. 2,182,174; Dec. 5.
Air conditioning system. H. Gibson. 2,166,813; July 18.
Air conditioning system. H. W. Heisterkamp. 2,180,467; Nov. 21.
Air conditioning system. E. F. Hubacker. 2,180,634; Nov. 21.
Air conditioning system. R. S. Kopp. Re. 21,004; Feb. 14.
Air conditioning system. A. J. Lawless. 2,159,276; May 23.
Air conditioning system. W. L. McGrath. 2,154,858; Apr. 18.
Air conditioning system. W. R. Miller. 2,146,127; Feb. 7.
Air conditioning system. L. B. Miller and J. E. Haines. 2,177,496; Oct. 24.
Air conditioning system. R. T. Palmer. 2,160,389; May 30.
Air conditioning system. M. Parcaro. 2,172,877; Sept 12.
Air conditioning system. P. Parke and F. O. Marshall. 2,154,769; Apr. 18.
Air conditioning system. N. Passur. 2,160,984; June 6.
Air conditioning system. C. H. Peters. 2,158,250; May 16.
Air conditioning system. L. A. Philipp. 2,146,483; Feb. 7.
Air conditioning system. L. A. Philipp. 2,153,695–6; Apr. 11.
Air conditioning system. L. A. Philipp. 2,162,860; June 20.
Air conditioning system. L. A. Philipp. 2,169,899–900; Aug. 15.
Air conditioning system. L. A. Philipp. 2,180,479; Nov. 21.
Air conditioning system. W. B. Shepperd. 2,155,510; Apr. 25.
Air conditioning system. P. F. Shivers. 2,183,874; Dec. 19.
Air conditioning system. S. J. Shure. 2,150,252; Mar. 14.
Air conditioning system. J. H. Spaan. 2,177,602; Oct. 24.
Air conditioning system. J. M. Sperzel. 2,158,869; May 16.
Air conditioning system. W. A. Wulle. 2,162,152; June 13.
Air conditioning system, All year. G. D. Kingsland and J. E. Robb. 2,143,351; Jan. 10.
Air conditioning system, Automatic. L. B. Miller and H. F. Dever. 2,143,356; Jan. 10.
Air conditioning system, Automotive. A. R. Locke. 2,166,635; July 18.
Air conditioning system for automobiles. H. W. McPherson and H. L. Chisholm, Jr. 2,162,512; June 13.
Air conditioning system for automobiles. R. F. Peo. 2,180,943; Nov. 21.
Air conditioning system for passenger vehicles. S. M. Anderson. 2,165,830; July 11.
Air conditioning system for passenger vehicles. H. Hemming and C. E. Sweet. 2,158,966; May 16.
Air conditioning system for rail cars. R. J. Burrows and A. O. Williams. 2,148,105; Feb. 21.

Air conditioning system for railroad cars. W. H. Carrier. 2,154,263; Apr. 11.
Air conditioning system for railway cars. E. W. Test, M. P. Winther, and H. F. Peterson. 2,170,101; Aug. 22.
Air conditioning system, Summer-winter. J. E. Haines. 2,177,597; Oct. 24.
Air conditioning system utilizing refrigeration. S. M. Anderson. 2,152,129; Mar. 28.
Air conditioning system utilizing refrigeration. S. M. Anderson. 2,157,685; May 9.
Air conditioning system utilizing refrigeration. S. M. Anderson. 2,165,197; July 11.
Air conditioning system utilizing refrigeration. H. R. Sewell and R. T. Palmer. 2,159,570; May 23.
Air conditioning systems, Controlling. H. Seid. 2,144,693; Jan. 24.
Air conditioning systems, Method and apparatus for automatically controlling the operation of. A. E. Beals. Re. 21,166; Aug. 1.
Air conditioning unit. N. J. Bordner. 2,173,645; Sept. 19.
Air conditioning unit. H. R. Harding. 2,163,239; June 20.
Air conditioning unit. D. R. Isles. 2,148,161; Feb. 21.
Air conditioning unit. A. Weiland and H. L. Galson. 2,148,596; Feb. 28.
Air conditioning unit and hair drier, Combined. J. R. Zwickl. 2,157,047; May 2.
Air conditioning unit for vehicles, Dry ice. R. F. Peo. 2,162,538; June 13.
Air conditioning units, Condensate disposal unit for. A. Weiland. 2,145,380; Jan. 31.
Air conditions, Apparatus for determining. G. V. Woodling. 2,166,697; July 18.
Air control, Automatic emergency train line. J. W. Price. 2,163,519; June 20.
Air control device. W. J. Uksila. 2,168,690; Aug. 8.
Air control device for combustion apparatus. D. J. Mosshart. 2,149,402; Mar. 7.
Air control for blowers for automatic stokers. W. W. Sayers. 2,163,706; June 27.
Air control for fluid fuel burners. H. C. Olvitt. 2,162,857; June 20.
Air control for furnaces. E. W. Ballentine. 2,160,408; May 30.
Air control for kiln-cooler assemblies. R. D. Cheesman. 2,160,956; June 6.
Air control valve, Auxiliary. F. Gianatasio. 2,158,819, May 16.
Air controller for internal combustion engines and the like, Automatic oscillating and rotary. A. Skok and N. O. Binley. 2,183,411; Dec. 12.
Air controller for internal combustion engines, Auxiliary. P. A. R. Weiertz and L. K. Olsson. 2,169,622; Aug. 15.
Air-cooled bicycle motor. G. Steinlein and L. Bruckmoser. 2,179,764; Nov. 14.
Air cooled display case, Forced. R. H. Tull. 2,181,635; Nov. 28.
Air cooled in-line engine. D. S. Fahrney. 2,145,253; Jan. 31.
Air cooling and circulating device. W. L. Morrison. 2,154,466; Apr. 18.
Air cooling and circulating device for vehicles. D. R. Haynes. 2,169,693; Aug. 15.
Air cooling apparatus. K. E. Whitlock. 2,167,380; July 25.
Air cooling device. F. A. Helfrecht. 2,157,409; May 9.
Air cooling for thermionic tubes. J. L. Finch. 2,176,657; Oct. 17.
Air cooling means. J. J. Yoch. 2,154,226; Apr. 11.
Air cooling means for dry rectifiers. G. W. Müller. 2,169,109; Aug. 8.
Air cooling system for internal combustion engines. C. T. Doman. 2,142,499; Jan. 3.
Aircraft. G. Barrow. 2,147,188; Feb. 14.
Aircraft. H. Bolas. 2,152,835; Apr. 4.
Aircraft. M. H. Delanne. 2,147,968; Feb. 21.
Aircraft. J. W. Dyer, and D. Kay. 2,163,728; June 27.
Aircraft. D. S. Fahrney. 2,183,555; Dec. 19.
Aircraft. J. M. Gwinn, Jr. 2,183,676; Dec. 19.
Aircraft. J. W. Jackson. 2,176,904; Oct. 24.
Aircraft. G. V. Lachmann. 2,156,994; May 2.
Aircraft. A. R. Long. 2,164,414; July 4.
Aircraft. G. Minelli. 2,152,144; Mar. 28.
Aircraft. G. S. Schairer. 2,177,499; Oct. 24.
Aircraft. R. J. Thompson. 2,167,143; July 25.
Aircraft. E. B. Wilford. Re. 21,306; Dec. 19.
Aircraft. E. B. Wilford and A. Herzog. 2,155,881; Apr. 25.
Aircraft and gas turbines, Propulsion of. F. Whittle. 2,168,726; Aug. 8.
Aircraft and sustaining rotors therefor. J. A. J. Bennett and N. Mearns. 2,154,601; Apr. 18.
Aircraft and the like, Method and apparatus for construction of. H. Klemm. 2,168,280; Aug. 1.
Aircraft, Apparatus for lifting or propelling. E. Dall'Asta. 2,183,186; Dec. 12.
Aircraft, Apparatus for the starting and landing of. R. Weichardt, W. Freistadt, and J. Hicke. 2,160,449; May 30.
Aircraft at night, System of locating. F. R. House. 2,159,482; May 23.
Aircraft, Autorotative-winged. J. G. Ray, H. F. Pitcairn, and A. E. Larsen. 2,174,946; Oct. 3.
Aircraft, Blind landing of. H. Diamond. 2,179,499; Nov. 14.
Aircraft blind landing system. H. Chireix. 2,170,852; Aug. 29.
Aircraft construction. P. M. Adams. 2,150,143; Mar. 14.
Aircraft construction. J. M. Jacobson and M. Watter. 2,176,817; Oct. 17.
Aircraft construction. T. H. Jenkins. 2,152,053; Mar. 28.
Aircraft construction. G. L. Martin. 2,147,795; Feb. 21.
Aircraft construction. L. C. McCarty, Jr., and R. G. Nightingale. 2,183,279; Dec. 12.
Aircraft construction. M. Watter. 2,158,598; May 16.
Aircraft control. J. F. Read. 2,173,767; Sept. 19.
Aircraft, Control of. E. Wolf. 2,162,150; June 13.
Aircraft, Disengaging means for automatic control systems for. E. Fischel and G. Klein. 2,175,627; Oct. 10.
Aircraft having rotative sustaining means. P. Cameron. 2,163,481–2; June 20.
Aircraft in flight or like operation, Refueling. R. L. R. Atcherley. 2,166,575; July 18.
Aircraft instrument. K. E. Kunze and T. L. Soo-Hoo. 2,181,815; Nov. 28.
Aircraft landing equipment. H. I. Becker. 2,151,549; Mar. 21.
Aircraft landing gear. V. A. Larsen. 2,176,461; Oct. 17.
Aircraft landing system. E. G. Linder. 2,178,237; Oct. 31.
Aircraft, Measuring the altitude of. M. Baesecke. 2,167,412; July 25.
Aircraft navigation and landing system. C. D. Barbulesco. 2,174,548; Oct. 3.
Aircraft navigation system. D. N. Sharma. 2,173,863; Sept. 26.
Aircraft position indicator. J. F. Solski. 2,142,291; Jan. 3.
Aircraft power plant. D. R. Berlin. 2,165,443; July 11.
Aircraft power plant. A. Lysholm. 2,162,956; June 20.
Aircraft power plant installation. E. C. Wells. 2,153,603; Apr. 11.
Aircraft recording means. C. R. Kines. 2,170,383; Aug. 22.
Aircraft, Rotary wing. E. Daland and H. A. Backus. 2,161,801; June 13.
Aircraft, Rotary wing. R. Hafner. 2,150,969; Mar. 21.
Aircraft, Rotary wing. O. von Asboth. 2,162,794; June 20.
Aircraft, Rotative winged. H. S. Campbell. 2,151,687; Mar. 28.
Aircraft, Rotative winged. H. S. Campbell. 2,153,610; Apr. 11.
Aircraft, Rotative-winged. A. E. Larsen. 2,155,426; Apr. 25.
Aircraft, Rotative-winged. A. E. Larsen. 2,183,119; Dec. 12.
Aircraft speed indicator. C. J. Crane and F. G. Nesbitt. 2,152,635; Apr. 4.
Aircraft, Steering. R. H. Goddard. 2,183,311; Dec. 12.
Aircraft structure. A. P. de Seversky. 2,165,459; July 11.
Aircraft structure. A. P. de Seversky. 2,173,273; Sept. 19.
Aircraft structure. A. P. de Seversky. 2,180,462; Nov. 21.
Aircraft, Submersible. P. De Asis. 2,162,066; June 13.
Aircraft, System for piloting. D. S. Basim, R. T. Freng, and J. D. Woodward. 2,143,137; Jan. 10.
Aircraft system, Radio controlled. F. J. Hooven. 2,173,841; Sept. 26.
Aircraft to pick up while in flight articles or persons, Means adapted to enable. D. C. Croom-Johnson. 2,150,599; Mar. 14.
Aircraft trim indicator. B. G. Carlson. 2,171,265; Aug. 29.
Aircraft turret. F. Amiot. 2,167,561; July 25.
Aircraft undercarriage. G. H. Dowty. 2,174,315; Sept. 26.
Aircraft wing. D. S. Fahrney. 2,173,832; Sept. 26.
Aircraft wing heating means. Z. Riddle. 2,142,699; Jan. 3.
Aircraft wing, Slot foil. D. S. Fahrney. 2,172,370; Sept. 12.
Aircraft with autorotative wings. J. de la Cierva. 2,155,409; Apr. 25.
Aircraft with rotative sustaining blades. H. F. Pitcairn. 2,169,849; Aug. 15.
Aircraft with rotative wings. J. S. Pecker. 2,150,129; Mar. 7.
Air, Device and method for determining upper air wind direction and velocity. H. B. Kaster. 2,162,582; June 13.
Air, Directing engine cooling. T. B. Rhines. 2,145,131; Jan. 24.
Air distributing device. F. J. Kurth. 2,144,631; Jan. 24.
Air distribution, System of. W. J. Madden. 2,159,219; May 23.
Air distributor. S. M. Anderson. 2,149,382; Mar. 7.
Air distributor. J. Wagner. 2,164,262; June 27.
Air draft control appliance. C. Vincent. 2,180,622; Nov. 21.

Air eliminator. J. W. Davis and R. G. Houston. 2,150,714; Mar. 14.
Air engine. R. D. Conklin and P. R. Forman. 2,147,150; Feb. 14.
Air feed for diving suits. E. Topper. 2,152,111; Mar. 28.
Air feeding apparatus, Compressed. A. E. McElroy. 2,173,369; Sept. 19.
Air filter. A. H. Bahnson. 2,178,463; Oct. 31.
Air filter. E. E. Hewitt. 2,170,074; Aug. 22.
Air filter. G. Slayter. 2,178,614; Nov. 7.
Air filter. G. Slayter and J. S. Irvine. 2,160,003; May 30.
Air filter, Automatic. L. L. Dollinger. 2,144,451; Jan. 17.
Air filter lint screen. A. Nutting. 2,167,283; July 25.
Air filter washer. C. Lester. 2,156,594; May 2.
Air flow control apparatus. R. G. Anderson, K. J. Ahnell, and T. R. Goldsmith. 2,153,359; Apr. 4.
Air flow control for underfeed stokers. H. C. Carter. 2,149,934; Mar. 7.
Air foam, Producing. A. Weissenborn. 2,151,398; Mar. 21.
Airfoil. W. K. Rose. 2,167,601; July 25.
Airfoil construction. G. E. Barnhart. 2,158,686; May 16.
Airfoil, Jet controlled. E. F. Zap. 2,176,809; Oct. 17.
Airfoil mechanism. E. F. Zaparka. 2,170,886; Aug. 29.
Airfoil, Self-controllable. M. M. Munk. 2,172,289; Sept. 5.
Airfoil structure, Variable. R. M. Hill and R. D. Wiley. 2,155,546; Apr. 25.
Airfoil used in aeronautics. L. Bechereau. 2,177,798; Oct. 31.
Air for breathing, Purifying. M. L. Myers and E. J. Morris. 2,151,792; Mar. 28.
Air for heating, Circulation of. L. Lee. 2,146,122; Feb. 7.
Air-fuel ratios, in combustion, Determining. E. Pick. 2,168,236; Aug. 1.
Air heater. A. J. E. Roualet. 2,177,840; Oct. 31.
Air heater. J. Schmid. 2,144,712; Jan. 24.
Air heater. H. W. Schramm. 2,150,345; Mar. 14.
Air heater. A. A. Wolf. 2,165,523; July 11.
Air heating and conditioning apparatus. C. H. Wagner. 2,174,710; Oct. 3.
Air heating and conditioning unit. E. W. Jorolemon. 2,160,269; May 30.
Air heating and conditioning unit. R. G. Le Tourneau. 2,173,280; Sept. 19.
Air heating system. L. Lee. 2,180,532; Nov. 21.
Air heating system, Warm. W. L. Steele. 2,144,129; Jan. 17.
Air in an enclosure, Conditioning the. A. J. Loepsinger. 2,163,692; June 27.
Air injector for internal combustion engines. A. J. Loebs. 2,157,551; May 9.
Air inlet device for flush valves. W. C. Shanley. 2,155,845; Apr. 25.
Air intake for gas burners, Secondary. W. Schonwald. 2,167,856; Aug. 1.
Air intake for internal combustion engines, Auxiliary. E. Stimac. 2,153,350; Apr. 4.
Air launder. R. D. Nichols. 2,149,744; Mar. 7.
Air lift or control for heating systems. C. W. McQuaid. 2,177,220; Oct. 24.
Air line trap. T. C. Browning, deceased. 2,168,512; Aug. 8.
Air, Method and apparatus for cleaning. H. C. Lambert and S. E. Garnsey. 2,171,574; Sept. 5.
Air, Method and apparatus for conditioning. C. R. Downs. 2,183,136; Dec. 12.
Air, Method and apparatus for conditioning. H. J. Kaufman. 2,175,469; Oct. 10.
Air, Method and apparatus for conditioning. E. T. Turner. 2,144,169; Jan. 17.
Air, Method and apparatus for conditioning. F. A. Whiteley. 2,173,405; Sept. 19.
Airplane. C. R. A. M. de Rougé. 2,160,455; May 30.
Airplane. R. F. Hall. 2,166,292; July 18.
Airplane. W. A. Horlacher. 2,143,317; Jan. 10.
Airplane. W. E. Looney. 2,151,128; Mar. 21.
Airplane. H. T. Nelson. 2,176,185; Oct. 17.
Airplane. H. H. Nicholson. 2,176,542; Oct. 17.
Airplane. J. P. Rogers. 2,164,545; July 4.
Airplane. G. S. Schairer. 2,160,089; May 30.
Airplane. G. Solomon. 2,182,648; Dec. 5.
Airplane. C. Twining. 2,176,476; Oct. 17.
Airplane, All metal miniature. A. A. Caprine. 2,143,541; Jan. 10.
Airplane control. G. De Beeson. 2,146,800; Feb. 14.
Airplane control. H. D. Hoekstra. 2,153,667; Apr. 11.
Airplane control apparatus. E. F. Zaparka. 2,147,360; Feb. 14.
Airplane control device. R. B. Beisel. 2,181,501; Nov. 28.
Airplane control system. J. D. McKellar. 2,173,538; Sept. 19.
Airplane empennage. J. S. McDonnell, Jr. 2,142,450; Jan. 3.
Airplane engine. L. R. Spencer. 2,156,202; Apr. 25.
Airplane generator and power system. A. C. Peterson. 2,183,151; Dec. 12.
Airplane having folding wings. J. L. Atwood and V. H. Pavlecka. 2,166,564; July 18.
Airplane indicator. H. L. McPherson. 2,170,087; Aug. 22.
Airplane landing gear. S. J. Wittman. 2,163,653; June 27.
Airplane motor. A. J. Dence. 2,173,012; Sept. 12.
Airplane or glider, Model. W. E. Back. 2,157,448; May 9.
Airplane propeller blade. F. Leeb. 2,175,609; Oct. 10.
Airplane propeller, Variable pitch. P. G. A. Levasseur. 2,144,927; Jan. 24.
Airplane propelling means. A. L. Widdis. 2,145,034; Jan. 24.
Airplane propulsion. F. Lawrence. 2,178,725; Nov. 7.
Airplane rib. K. Schmidt. 2,167,686; Aug. 1.
Airplane, Rigging an. T. De Port. 2,147,638; Feb. 21.
Airplane, Safety. A. and G. E. Bisaillon. 2,145,414; Jan. 31.
Airplane safety device. F. R. Shanley. 2,182,706; Dec. 5.
Airplane strut. E. W. Cleveland. 2,174,312; Sept. 26.
Airplane wheel and tire construction. L. Y. Booharin. 2,143,471; Jan. 10.
Airplane wing construction. R. W. Cone. 2,152,029; Mar. 28.
Airplane wing construction. J. Potoczek. 2,148,962; Feb. 28.
Airplane wing rib construction. K. Schmidt. 2,146,768; Feb. 14.
Airplane wing tip, Slotted. C. H. Zimmerman. 2,163,655; June 27.
Airplane wing with variable angles of incidence. U. H. Taylor. 2,152,981; Apr. 4.
Airplane with separable flotation section, All-wing. V. J. Burnelli. 2,181,574; Nov. 28.
Airplanes, Control device for. J. G. Lee. 2,164,531; July 4.
Airplanes, Lateral control means for. W. K. Rose. 2,170,787; Aug. 22.
Airplanes, Lateral control surfaces of. H. Rivière. 2,156,403; May 2.
Air preheater. H. Karlsson and W. D. Yerrick. 2,183,936; Dec. 19.
Air-pressure reducing and regulating device. F. E. Thomes and A. E. Nugent. 2,164,095; June 27.
Air propeller. L. Hoffmann. 2,152,805; Apr. 4.
Air propeller blade. V. Lougheed. 2,175,204; Oct. 10.
Air propeller, Multiple. J. S. Kane. 2,183,195; Dec. 12.
Air propeller with automatically variable pitch. U. C. De Caria. 2,177,315; Oct. 24.
Air pump for windshields. R. E. Kennedy and R. W. Bartle. 2,168,216; Aug. 1.
Air purifier. G. B. Gelakoski. 2,176,174; Oct. 17.
Air purifier. J. F. Heuberger. 2,145,049; Jan. 24.
Air, Purifying contaminated. N. C. Schellenger. 2,177,289; Oct. 24.
Air regenerator for coke ovens. M. D. Curran. 2,147,827; Feb. 21.
Air regulating means. R. B. Beisel and A. L. MacClain. 2,168,599; Aug. 8.
Air release mechanism for dispensing apparatus. C. P. Griffith. Re. 20,186; Aug. 29.
Air resistance indicating means for automobiles. F. R. West. 2,173,382; Sept. 19.
Air resistor. T. J. Byrnes. 2,149,161; Feb. 28.
Air, Saturating transmission. E. Brunatto. 2,149,504; Mar. 7.
Air separator for fuel pumping apparatus of internal combustion engines. W. Voit and J. F. Janssen. 2,183,034; Dec. 12.
Airship. G. Forton. 2,160,850; June 6.
Airship. H. M. Knight. 2,147,654; Feb. 21.
Airship. R. B. Respess. 2,146,851; Feb. 14.
Airship. W. Wiese. 2,157,045; May 2.
Airship and sustaining the same. A. J. Dardel. 2,180,036; Nov. 14.
Air-speed indicator. J. P. Heagney. 2,178,422; Oct. 31.
Air supply device. F. J. Kurth and F. Honerkamp. 2,153,576; Apr. 11.
Air-supplying means for stokers. E. L. Zehrbach. 2,171,958; Sept. 5.
Air, System for cleaning, sterilizing, and conditioning. J. W. D. Chesney. 2,150,263; Mar. 14.
Air tempering unit. J. V. Falco. 2,145,621; Jan. 31.
Air-testing method. R. W. McAllister. 2,176,462; Oct. 17.
Airtight receptacle. J. I. Wiseman. 2,166,885; July 18.
Air to the engines of automobiles, Supplying cooling. M. Klavik. 2,175,529; Oct. 10.
Air treating device. A. J. Desautels and L. L. Levesque. 2,183,766; Dec. 19.
Air treatment device. C. W. Pierson. 2,173,073; Sept. 12.
Air valve. W. C. Groeniger. 2,162,671; June 13.
Air valve. J. K. Lund. 2,147,984; Feb. 21.
Air venting and vacuum maintaining valve. L. L. Lasher, W. R. Chesley, and J. A. Parks, Jr. 2,163,909; June 27.
Air vent valve. G. B. Duffield. 2,167,433; July 25.
Air-volume control mechanism. A. W. Burks. 2,172,057; Sept. 5.
Air-volume control mechanism. A. W. Burks. 2,172,097; Sept. 5.
Aileron. Retractable lateral control. F. E. Weick. 2,174,542; Oct. 3.
Alarm. H. A. Gunion. 2,165,893; July 11.

Alarm and ignition lock, Automobile theft. C. Vignos and C. D. Vollmer. 2,153,903; Apr. 11.
Alarm and sprinkler head, Combination fire. J. O. Fortin. 2,164,611; July 4.
Alarm, Automatic Burglar and fire. E. R. Mountstephen. 2,161,526; June 6.
Alarm, Automatic Burglar, fire, or like. E. R. Mountstephen. 2,161,525; June 6.
Alarm, Burglar. J. C., O. C., and E. J. Becker. 2,181,648; Nov. 28.
Alarm, Burglar. J. V. Caneghem. 2,154,972; Apr. 18.
Alarm, Burglar. O. M. Nelson. 2,178,489; Oct. 31.
Alarm, Burglar. G. Peterse, Sr. 2,149,901; Mar. 7.
Alarm device. F. Brinkmann. 2,156,080; Apr. 25.
Alarm device. B. Griffin. 2,180,047; Nov. 14.
Alarm device. G. C. Queen. 2,153,875; Apr. 11.
Alarm dispatching device and system. J. H. Wheelock. 2,159,304; May 23.
Alarm dispatching mechanism. J. F. Ebert and T. A. Terjesen. 2,179,994; Nov. 14.
Alarm, Electric switch. J. Komorowski. 2,154,459; Apr. 18.
Alarm, Escaping gas. J. P. Caldwell. 2,174,820; Oct. 3.
Alarm, Fire. H. R. Alker. 2,159,650; May 23.
Alarm, Fire. J. J. Piper. 2,166,264; July 18.
Alarm, Fire. T. Ślusarz. 2,156,437; May 2.
Alarm for tires, Low-pressure. F. E. Smith. 2,149,555; Mar. 7.
Alarm lock. J. R. Rodth. 2,170,521; Aug. 22.
Alarm mechanism for handbags or the like. C. E. Lewis. 2,185,060; Dec. 26.
Alarm, Reel-end. I. G. Fry. 2,175,938; Oct. 19.
Alarm signal system. J. H. Wheelock and F. Scherma. 2,149,200; Feb. 28.
Alarm system. F. G. Collins. 2,152,535; Mar. 28.
Alarm system. C. H. Sims. 2,147,272; Feb. 14.
Alarm system, Fire. F. R. Bridges and F. E. Weld. 2,165,174; July 4.
Alarm system, Underground. W. A. McCurdy and F. Wedlake. 2,181,336; Nov. 28.
Alarm, Tank. L. H. Morse. 2,143,492; Jan. 10.
Alarm timer, Repeating. H. E. Warren. 2,163,419; June 20.
Alarm, Tire. H. H. and L. J. Brandert. 2,157,655; May 9.
Album. A. A. Ainsworth. 2,149,488–9; Mar. 7.
Album, Photographic. A. Oppermann. 2,155,327; Apr. 18.
Albuminous substances, Hardening. J. Brunken. 2,169,513; Aug. 15.
Albuminous substances, Hardening. J. Brunken. 2,180,335; Nov. 21.
Albumin test, Urine. W. B. Fortune. 2,171,962; Sept. 5.
Alcohol, Acetylenic. G. A. Perkins. 2,161,191; June 6.
Alcohol and acetone by fermentation, Producing butyl. A. Frey and H. Glück. 2,146,892; Feb. 14.
Alcohol and product, Producing hydrogenated abietyl. I. W. Humphrey. 2,146,897; Feb. 14.
Alcohol by fermentation of liquids containing carbohydrates, Obtaining. F. Bergius, H. Koch, and H. Zimmermann. 2,146,326; Feb. 7.
Alcohol containing a lower alkyl acetal, Denatured. L. J. Figg, Jr., and J. W. Rhea. 2,180,000; Nov. 14.
Alcohol containing a lower alkyl amyl mixed ether, Denatured. L. J. Figg, Jr., and J. W. Rhea. 2,184,010; Dec. 19.
Alcohol containing dibenzylamine, Denatured. L. J. Figg, Jr. 2,163,834; June 27.
Alcohol containing dichloroalkyl ether, Denatured. L. J. Figg, Jr., and J. W. Rhea. 2,176,490; Oct. 17.
Alcohol containing diphenyl ether, Denatured. L. J. Figg, Jr. 2,176,489; Oct. 17.
Alcohol containing ethylene diamine, Denatured. L. J. Figg, Jr. 2,179,997; Nov. 14.
Alcohol containing formamide, Denatured. L. J. Figg, Jr. 2,176,491; Oct. 17.
Alcohol containing quinoline, Denatured. L. J. Figg, Jr. 2,179,998; Nov. 14.
Alcohol containing tetrahydrofurfuryl alcohol, Denatured. L. J. Figg, Jr. 2,179,999; Nov. 14.
Alcohol, Dehydration of allyl. H. R. Slagh. 2,179,059; Nov. 7.
Alcohol from the first runnings, Separation of. E. von Retze and F. Flügge. 2,148,846; Feb. 28.
Alcohol from wood spirits residue, Separation of allyl. E. C. Britton and G. H. Coleman. 2,176,055; Oct. 17.
Alcohol, Preparation of beta-phenylethyl. J. W. Britton, G. H. Coleman, and B. C. Hadler. 2,185,141; Dec. 26.
Alcohol repellent compositions and manufacture thereof. E. C. De Stubner. Re. 20,997; Feb. 7.
Alcohol resins, Polyhydric. W. H. Butler. 2,144,101; Jan. 17.
Alcohol soluble resins. W. H. Carmody. 2,160,537; May 30.
Alcohol sulphates and making the same, Purified. H. Beller and J. J. Owen. 2,149,265; Mar. 7.
Alcoholic liquids and the like, Multiple effect distillation of. G. T. Reich. 2,148,712; Feb. 28.
Alcoholic solutions of sulphur and metal sulphides, Production of. P. Nitsche. 2,160,030; May 30.
Alcohols and hydroxyl acids, and sulphonated and hydrolized derivatives thereof, Sulphonated and acetylated. W. Schrauth. 2,163,133; June 20.
Alcohols and products resulting therefrom, Esterification of allyl type. H. P. A. Groll and G. Hearne. 2,164,188; June 27.
Alcohols, Condensation of. N. D. Scott. 2,145,097; Jan. 24.
Alcohols, Dehydrogenating. R. L. Hasche. 2,173,111; Sept. 19.
Alcohols, Halogenation of tertiary. B. T. Brooks. 2,165,782; July 11.
Alcohols, Manufacture of aliphatic tertiary. W. Engs and A. W. Fairbairn. 2,143,478; Jan. 10.
Alcohols, Preparation of acetylenic. T. H. Vaughn. 2,163,720; June 27.
Alcohols, Producing. L. M. Christensen. 2,182,550; Dec. 5.
Alcohols, Production of higher molecular. W. Hentrich, C. A. Lainau, and W. J. Kaiser. 2,151,106; Mar. 21.
Alcohols, Purification of polyhydric. T. Evans. 2,154,930; Apr. 18.
Alcohols, Sulphonated aromatic ether. H. A. Bruson and C. W. MacMullen. 2,184,935; Dec. 26.
Alcohols to aromatic hydrocarbons, Conversion of. V. Komarewsky. 2,172,540; Sept. 12.
Aldehyde and an olefin monohalide, Forming an. J. L. Amos. 2,183,036; Dec. 12.
Aldehyde, Manufacture of propionic. M. Gallagher and R. L. Hasche. 2,150,158; Mar. 14.
Aldehydes, Catalytic formation of long-chain. W. A. Lazier. 2,178,761; Nov. 7.
Aldehydes, Preparing higher fatty. A. W. Ralston and R. J. Vander Wal. 2,145,801; Jan. 31.
Aldehydes, Production of aromatic. W. C. Meuly. 2,158,518–9; May 16.
Aldehydes, Stabilization of. J. A. Wyler. 2,170,625; Aug. 22.
Algebraic totalizer. O. J. Sundstrand. 2,160,296; May 30.
Alginate in oleomargarine. V. K. Wilt. 2,156,036; Apr. 25.
Alginate product and process, Amine. B. Preble. 2,158,486; May 16.
Alginate product and process, Triethanolamine. B. Preble. 2,158,487; May 16.
Alginate salts and making same. B. Preble. 2,158,485; May 16.
Aligner. B. J. Beckwith. 2,164,853; July 4.
Aligner. G. Mafera. 2,147,909; Feb. 21.
Aligner. G. Mafera. 2,164,615; July 4.
Aligner. G. Mafera. 2,170,690; Aug. 22.
Aligning and racket stringing device. F. T. Lee and A. D. Henry. 2,157,616; May 9.
Aligning arrangement for printing presses. E. L. Hamilton, Jr. 2,172,279; Sept. 5.
Aligning device for welding casings. J. R. Gardner. 2,148,394; Mar. 7.
Aliphatic compounds, Concentration of. C. I. Haney. 2,148,460; Feb. 28.
Aliphatic compounds, Concentration of. H. E. Martin. 2,156,344; May 2.
Aliphatics, Producing and recovering branched chain. E. A. Ocon. 2,175,359; Oct. 10.
Alkali and alkaline earth metal nitrates, Production of. H. A. Beekhuis, Jr. 2,148,429; Feb. 28.
Alkali cellulose. W. R. Collings, L. De Pree, and M. H. Weymouth. 2,145,862; Feb. 7.
Alkalicellulose and the like, Apparatus for the steeping of. W. Grötzinger. 2,174,241; Sept. 26.
Alkali cellulose, Manufacture and production of. E. A. Morton. 2,149,178; Feb. 28.
Alkali cyanides, Protecting. J. H. Schmitt. 2,150,786; Mar. 14.
Alkali hydrates or carbonates and of aluminum hydroxide from the double silicates of alkali and alumina, Extraction of. R. S. Opatowski and P. Adamoli. 2,163,466; June 20.
Alkali metal fluorides and hydroxides, Manufacture of. F. Gewecke. 2,151,022; Mar. 21.
Alkali metal hydroxides, Production and dehydration of. G. L. Cunningham. 2,144,364; Jan. 17.
Alkali metal hyposulphites. H. Dehnert. 2,172,275; Sept. 5.
Alkali metal nitrate melts used in the heat treatment of metals, Stabilizing. J. M. Michel. 2,166,364; July 18.
Alkali metal perborates and urea, Preparing addition products of. F. Kühnle. 2,155,717; Apr. 25.
Alkali metal peroxides, Production of. G. Pfleiderer. 2,158,523; May 16.
Alkali phosphates, Producing commercial. A. Wehrstein. 2,162,657; June 13.
Alkaline accumulator, Electric. C. H. O. Lübeck. 2,167,809; Aug. 1.
Alkaline compounds, Preparing solid. G. W. Smith. 2,164,092; June 27.
Alkaline liquids laden with hydrogen sulphide, Degisifucation of. H. Baehr and K. Braus. 2,168,150; Aug. 1.
Alkene sulphides, Production of. W. Coltof. 2,183,860; Dec. 19.
Alkoxyacetones, Production of. H. C. Chitwood. 2,170,855; Aug. 29.
Alkoxyacetonitriles, Higher. H. A. Bruson and R. F. McCleary. 2,169,578; Aug. 15.
Alkoxyl derivatives of nitro-aromatic compounds, Producing. H. McCormack and G. J. Stockmann. 2,166,917; July 18.

Alkyl amide, Aliphatic mercurated. D. L. Tabern. 2,163,296; June 20.
Alkyl and aralkyl halides, Preparing. O. Leuchs. 2,168,167; Aug. 1.
Alkylaryloxy alkyl sulphates, Tertiary. H. A. Bruson and O. Stein. 2,143,759; Jan. 10.
Alkyl bromide, Production of. D. J. Pye and H. H. Purcell. 2,173,133; Sept. 19.
Alkyl cyclohexanones and producing same. W. A. Lazier. 2,163,284; June 20.
Alkyl derivatives of phenols, Forming nuclear. L. H. Flett. 2,166,136; July 18.
Alkyl esters of leuco dibenzanthrone. O. Stallmann. 2,183,628; Dec. 19.
Alkyl guaiacols. R. R. Read. 2,178,608; Nov. 7.
Alkyl halides, Producing. H. E. Buc and A. H. Gleason. 2,153,170; Apr. 4.
Alkyl hydroxy aromatic compounds. L. H. Flett. 2,178,571; Nov. 7.
Alkyl phenols, Desulphurizing. W. J. Hund, S. B. Thomas, and D. B. Luten, Jr. 2,163,227; June 20.
Alkyl sulphates, Purification of. E. V. Fasce and E. C. Rolfs, Jr. 2,178,786; Nov. 7.
Alkyl 12-ketostearate. H. L. Cox. 2,180,730; Nov. 21.
Alkylene oxides, Isomerization of. G. H. Law and R. W. McNamee. 2,159,507; May 23.
Alkylene oxide-tannic acid reaction product. K. M. Herstein. 2,167,073; July 25.
Alkyl halides, Making. O. C. Slotterbeck and R. Rosen. 2,174,278; Sept. 26.
Alkyl halides, Preparing. F. Rothweiler. 2,172,568; Sept. 12.
Alkyl halo-diphenyloxides. G. H. Coleman and R. R. Dreisbach. 2,170,989; Aug. 29.
Alkylolamine derivatives, Preparation of. M. B. Katzman and A. K. Epstein. 2,173,448; Sept. 19.
Alkylolamine recovery. W. Coltof. 2,146,201; Feb. 7.
Alkylolamino-methylene compound and making. J. G. Kern. 2,169,736; Aug. 15.
Allantoin, Synthesizing. C. N. Zellner and J. R. Stevens. 2,158,098; May 16.
Alloy: *See*—

Aluminum base alloy.	Heat-resistant alloy.
Bearing alloy.	Lead alloy.
Brazing alloy.	Magnesium alloy.
Chromium-titanium-silicon alloy.	Magnesium base alloy.
Copper alloy.	Metal alloy.
Copper base alloy.	Precious metal alloy.
Copper - silver - beryllium-nickel alloy.	Silicon-iron alloy.
Corrosion resistant steel alloy.	Silver alloy.
Dental casting alloy.	Silver base alloy.
Ferrous alloy.	Sintered hard metal alloy.
Iron - manganese - copper alloy.	Steel alloy.
Hard facing alloy.	Tin alloy.
	Tool alloy.
	Wear resisting alloy.
	Zinc base alloy.
	Zirconium magnetic alloy.

Alloy. G. M. Bouton and E. E. Schumacher. 2,170,650; Aug. 22.
Alloy. J. O. Betterton, A. J. Phillips, and A. A. Smith, Jr. 2,159,124; May 23.
Alloy. A. G. de Golyer. 2,147,636–7; Feb. 21.
Alloy. F. R. Hensel and E. I. Larsen. 2,161,467; June 6.
Alloy. F. R. Hensel and E. I. Larsen. 2,171,697; Sept. 5.
Alloy. W. M. Kay. 2,174,919; Oct. 3.
Alloy. A. R. MacGregor. 2,162,627; June 13.
Alloy. A. W. Peterson. 2,164,938; July 4.
Alloy. A. W. Peterson. 2,166,768; July 18.
Alloy. A. W. Peterson. 2,169,592; Aug. 15.
Alloy. H. W. Russell. 2,146,231; Feb. 7.
Alloy. C. B. Sawyer. 2,167,684; Aug. 1.
Alloy. H. H. Schwarzkopf. 2,170,431; Aug. 22.
Alloy. W. F. Stoody and J. R. Spence. 2,160,423; May 30.
Alloy. A. Szabo. 2,182,041; Dec. 5.
Alloy. H. L. Whitman. 2,144,279; Jan. 17.
Alloy. H. L. Whitman. 2,165,085; July 4.
Alloy articles, Producing nickel. L. Schlecht and W. Schubardt. 2,159,231; May 23.
Alloy cast iron. E. A. Jones and A. H. Dierker. 2,167,301; July 25.
Alloy casting, Heat-enduring ferrous. B. J. Sayles. 2,143,090; Jan. 10.
Alloy composition, Ferrous. J. V. Emmons. 2,183,014; Dec. 12.
Alloy compositions. J. V. Emmons. 2,147,119; Feb. 14.
Alloy compositions. J. V. Emmons. 2,147,122; Feb. 14.
Alloy compositions and articles made therefrom. J. V. Emmons. 2,147,121; Feb. 14.
Alloy compositions, Ferrous. J. V. Emmons. 2,147,120; Feb. 14.
Alloy compositions, Ferrous. J. V. Emmons. 2,147,123; Feb. 14.
Alloy for machining hard castings, Sintered hard. R. Chelius. 2,166,795; July 18.
Alloy having artificial radio activity, Preparing an. O. Yadoff. 2,175,236; Oct. 10.
Alloy, Making an. W. Hermsen and F. J. Delves. 2,184,716; Dec. 26.
Alloy making, Chrome. M. J. Udy. 2,176,687; Oct. 17.
Alloy parts, Connecting light metal. H. Caminez. 2,150,875; Mar. 14.
Alloy steel. G. A. Reinhardt. 2,182,135; Dec. 5.
Alloy steel. B. D. Saklatwalla. 2,150,341; Mar. 14.
Alloy steel and structural member. B. D. Saklatwalla. 2,150,342; Mar. 14.
Alloy steel for internal combustion valves or valve elements. H. L. Frevert and F. B. Foley. 2,142,781; Jan. 3.
Alloy steel for internal combustion valves or valve elements. H. L. Frevert and F. B. Foley. 2,177,454; Oct. 24.
Alloy steels. M. A. Grossmann. 2,155,347–8; Apr. 18.
Alloy steels. W. Mathesius and M. A. Grossmann. 2,155,349–50; Apr. 18.
Alloys. J. Johnson. 2,146,630; Feb. 7.
Alloys. E. F. Kingsbury and H. T. Reeve. 2,148,562; Feb. 28.
Alloys, Age-hardening lead base. B. W. Gonser. 2,148,741; Feb. 28.
Alloys, Aluminum. I. Igarashi and G. Kitahara. 2,166,495–6; July 18.
Alloys, Aluminum. E. A. Schmeller. 2,157,741; May 9.
Alloys, Aluminum base. J. H. Dickin. 2,143,595; Jan. 10.
Alloys, Aluminum-chromium-titanium. G. F. Comstock. 2,146,331; Feb. 7.
Alloys, Aluminum-zinc. G. F. Comstock. 2,146,330; Feb. 7.
Alloys and in particular of ferro-alloys or of inoxidizable steels, Manufacture of. R. Perrin. 2,169,741; Aug. 15.
Alloys, Austenitic chromium nickel steel. P. Schafmeister. 2,157,060; May 2.
Alloys containing aluminum, Soft soldering. G. H. Howe. 2,169,098; Aug. 8.
Alloys containing beryllium, Production of. B. R. F. Kjellgren and C. B. Sawyer. 2,176,906; Oct. 24.
Alloys containing iron, chromium, silicon, and carbon from chromite ores, Making. M. J. Udy. 2,176,689; Oct. 17.
Alloys, Copper. W. B. Price. 2,177,745; Oct. 31.
Alloys, Copper base. W. Hessenbruch. 2,172,639; Sept. 12.
Alloys, Copper-cobalt-beryllium. G. R. Brophy. 2,166,794; July 18.
Alloys, Copper zinc. W. J. Müller and M. Niessner. 2,156,348; May 2.
Alloys, Corrosion-resistant chromium-manganese-iron. A. Kroff. 2,184,305; Dec. 26.
Alloys, Corrosion-resistant ferrous. H. H. Uhlig. 2,172,421–2; Sept. 12.
Alloys, Corrosion-resistant ferrous. J. C. Wulff and H. H. Uhlig. 2,172,428; Sept. 12.
Alloys, Cupro-nickel. R. A. Wilkins. 2,153,978; Apr. 11.
Alloys, Drawn brass bearing. E. Vaders. 2,145,065; Jan. 24.
Alloys, Electrodeposition of tungsten. H. H. Armstrong and A. B. Menefee. 2,160,321–2; May 30.
Alloys, Ferro-aluminum-zirconium. G. F. Comstock. 2,143,686; Jan. 10.
Alloys, Free cutting. A. Beck and H. Bohner. 2,184,692–3; Dec. 26.
Alloys, Free-cutting aluminum. A. Beck and H. Bohner. 2,165,441; July 11.
Alloys, Improving the magnetic properties of ferrous. O. Dahl and F. Pawlek. 2,145,712; Jan. 31.
Alloys, Lead. J. O. Betterton, A. J. Phillips, and A. A. Smith, Jr. 2,142,835–6; Jan. 3.
Alloys, Magnesium. F. Christen. 2,166,039; July 11.
Alloys, Making. H. S. Cooper and C. H. Van Dusen, Jr. 2,157,979; May 9.
Alloys, Making hard metal. J. Romp. 2,176,802; Oct. 17.
Alloys, Making lead. H. S. Cooper. 2,156,802; May 2.
Alloys, Manufacturing hard frittered. M. Oswald. 2,160,670; May 30.
Alloys of copper and nickel, Making. F. Leverick. 2,168,129; Aug. 1.
Alloys of improved qualities, Copper-magnesium. F. R. Hensel and E. I. Larsen. 2,157,934; May 9.
Alloys of iron and steel, Making. C. J. Head. 2,185,081; Dec. 26.
Alloys, Producing. R. G. Guthrie. 2,154,613; Apr. 18.
Alloys, Production of. P. P. Alexander. 2,163,224; June 20.
Alloys, Production of beryllium copper. H. Gruber. 2,149,257; Mar. 7.
Alloys, Relief of stress cracking in aluminum-magnesium. F. P. Somers. 2,157,150; May 9.
Alloys, Stabilizing silicon. E. F. Doom. 2,171,108; Aug. 29.
Alloys, Stain resisting. F. M. Becket. 2,144,713; Jan. 24.
Alloys, Treating. F. Noll and P. Wolf. 2,174,368; Sept. 26.
Alloys, Treating aluminum. H. H. Wetzel. 2,174,645; Oct. 3.
Alloys, Treating lead. H. L. Smith. 2,184,535; Dec. 26.
Alloys, Treatment of nickel-chromium. H. J. Fraser, W. G. Drugan, and J. O. McDowell. 2,142,869; Jan. 3.
Alloys, Working zinc. H. Winter, W. Fahrenhorst, and E. Schmid. 2,169,441; Aug. 15.
α-Amino-anthraquinones and making same. F. Felix, P. Grossmann, and M. Bommer. 2,180,805; Nov. 21.
Alpha aryl phthalides, Preparing. P. R. Austin and P. L. Salzberg. 2,150,595; Mar. 14.
α-naphthacetyl-amino acids and manufacture of same. O. Isler. 2,179,979; Nov. 14.
Alpha naphthol soluble in water, Process to make. F. Herb. 2,171,555; Sept. 5.

Alternating current apparatus. J. S. Parsons and G. O. Harrison. 2,179,346; Nov. 7.
Alternating current induction motor, Reversible. J. Larocca. 2,178,691; Nov. 7.
Alternating current motor. W. E. Bostwick. 2,151,460; Mar. 21.
Altimeter for aircraft. G. M. Wright and A. McLellan. 2,178,027; Oct. 31.
Altimeter for aircraft, Ultra-short wave. R. A. Heising. 2,183,399; Dec. 12.
Altimeter, Settable. A. Urfer. 2,164,601; July 4.
Altitude control for aircraft. B. G. Carlson. 2,143,140; Jan. 10.
Altitude determining system for airplanes. J. H. Hammond, Jr. 2,174,785; Oct. 3.
Altitude determining system for aircraft. E. S. Purington. 2,152,325; Mar. 28.
Alumina cement and pig iron in blast furnaces, Simultaneous production of. S. Ruzicka. 2,184,318; Dec. 26.
Alumina, Manufacture of abrasive. B. Barnes. 2,163,532; June 20.
Aluminates, Preparing. H. Zirngibl. 2,176,444; Oct. 17.
Aluminum alloys. E. G. Grundstrom. 2,150,219; Mar. 14.
Aluminum alloys, Manufacture of. C. G. Goetzel. 2,155,651; Apr. 25.
Aluminum and making the same, Granular. G. F. Comstock and V. V. Efimoff. 2,162,938; June 20.
Aluminum base alloy. O. Dahl and H. Dallmann. 2,183,391; Dec. 12.
Aluminum body and making same. F. Pavelka. 2,168,134; Aug. 1.
Aluminum chloride, Producing. W. H. Shiffler and W. P. Anderson. Re. 21,265; Nov. 14.
Aluminum, Coating. J. W. Newsome and J. D. Edwards. 2,146,838–40; Feb. 14.
Aluminum compounds, Manufacture of very pure. N. Griunsteinas. 2,167,238; July 25.
Aluminum compounds, Recovery of. L. Fréling and J. Dorren. 2,174,825; Oct. 3.
Aluminum, Electrodeposition of. F. C. Mathers and R. D. Blue. 2,170,375; Aug. 22.
Aluminum formate and solutions thereof, Stable basic. L. A. Kramer. 2,154,170; Apr. 11.
Aluminum hydroxide, Colloidal. H. W. Jones. 2,166,868; July 18.
Aluminum or aluminum alloys, Protectively coating. W. K. Rankin and J. R. Brossman. 2,161,636; June 6.
Aluminum or its alloys for acid proof and alkali proof, Coloring the surface of. K. Nagata. 2,150,395; Mar. 14.
Aluminium oxide from bauxite, Continuous extraction of. W. Fulda and R. Wittig. 2,143,310; Jan. 10.
Aluminum, Producing etched surfaces on. R. B. Mason. 2,168,909; Aug. 8.
Aluminum, Refining and producing. C. B. Willmore. 2,184,705; Dec. 26.
Aluminum surfaces, Producing reflective. J. M. Guthrie. 2,153,060; Apr. 4.
Aluminum surfaces, Treating. H. K. Work and C. J. Slunder. 2,157,155; May 9.
Alunite, Decomposition of. F. K. Cameron, E. O. Huffman, and J. A. Taylor. 2,174,684; Oct. 3.
Amalgam films on amalgam alloys, Forming. K. Schumpelt and E. O. Liebig. 2,143,959; Jan. 17.
Amalgamator. C. A. Hahn. 2,168,619; Aug. 8.
Amalgamator, Power-operated. C. P. Russell. 2,169,817; Aug. 15.
Amides and their preparation, Acetoacetyl. A. B. Boese, Jr. 2,152,132; Mar. 28.
Amides and their production, Cyclic. A. L. Lippert and E. E. Reid. 2,156,300; May 2.
Amides, Hydrogenation of. H. Adkins. 2,143,751; Jan. 10.
Amides of acids of phosphorus. R. B. Flint and P. L. Salzberg. 2,151,380; Mar. 21.
Amides, Purification of carboxylic acid. H. Slagh. 2,156,642; May 2.
Amidines, Thermapeutically active. K. Miescher and E. Urech. 2,149,457; Mar. 7.
Amine derivatives, Furyl. H. I. Cramer. 2,150,423; Mar. 14.
Amine derivatives, Hydrogenated furyl. H. I. Cramer. 2,150,422; Mar. 14.
Amine of the dimethyl aniline type, Manufacture of tertiary. W. M. Hinman and W. G. Hillmann. 2,150,832; Mar. 14.
Amine salt preparation for internal medication. F. B. Fisk. 2,165,470; July 11.
Amines and making them, Halogenated. L. Lilienfeld. 2,167,807; Aug. 1.
Amines and their preparation, Aromatic. R. E. Etzelmiller. 2,144,220; Jan. 17.
Amines by the catalytic hydrogenation of nitriles, Production of. W. Schmidt. 2,165,515; July 11.
Amines from reduction masses, Distillation of. H. G. Mow. 2,174,008; Sept. 26.
Amines, Manufacture of. H. A. Bruson. 2,170,111; Aug. 22.
Amines, Manufacture of. L. H. Clark, J. F. Olin, and C. W. Deibel. 2,183,499; Dec. 12.
Amines, Manufacture of aromatic. L. C. Holt and L. L. Alexander. 2,143,152; Jan. 10.
Amines, Manufacture of para diazonium tertiary. W. M. Hinman and W. G. Hollmann. 2,178,585; Nov. 7.
Amines, Preparing cyclohexyl. J. A. Bertsch. 2,184,070; Dec. 19.
Amines, Preparing hexadecyl. L. W. Covert. 2,160,058; May 30.
Amines, Preparing secondary aryl. E. W. Cook. 2,165,747; July 11.
Amines, Producing. R. H. McKee and C. T. Bahner. 2,164,587; July 4.
Amines, Production of. R. L. Hasche. 2,182,807; Dec. 12.
Amines, Production of. W. Schmidt and K. Huttner. 2,166,971; July 25.
Amines, Production of aliphatic. W. Schmidt. 2,160,578; May 30.
Amines, Production of tertiary aliphatic. B. Christ. 2,170,746; Aug. 22.
Amines, Purification of aryl. R. L. Jenkins. 2,153,960; Apr. 11.
Amines, Separation and refining of. R. L. Hasche and L. G. Davy. 2,180,006; Nov. 14.
Amino-acid derivatives and their manufacture. F. Bechererer, M. Iselin, and J. Bindler. 2,153,707; Apr. 11.
Amino alcohols, Secondary. H. B. Hass and B. M. Vanderbilt. 2,164,271; June 27.
Amino-aliphatic sulphonamides and preparing them. W. G. Christiansen. 2,184,279; Dec. 26.
Amino compounds of the anthraquinone series, Manufacture of. G. Lord and G. Reeves. 2,183,652; Dec. 19.
Aminodiphenyls, Separation of. R. L. Jenkins. 2,149,525; Mar. 7.
Aminoglycols. H. B. Haas and B. M. Vanderbilt. 2,174,242; Sept. 26.
Aminohydroxy compounds as wetting agents. J. Martin. 2,181,534; Nov. 28.
Amino ketones and making. R. A. Jacobson. 2,179,215; Nov. 7.
Aminotriazines, Manufacture of. G. Widmer, W. Fisch, and J. Jakl. 2,161,940; June 13.
Amino-triazines, Manufacture of. G. Widmer and W. Fisch. 2,170,491; Aug. 22.
Ammonia, Apparatus for decomposing. J. L. Pearson. 2,161,746; June 6.
Ammonia from ammonium sulphate, Production of. E. P. Fleming and M. F. Perkins. 2,182,078; Dec. 5.
Ammonia from its elements, Synthesis of. J. H. Shapleigh. 2,166,611; July 18.
Ammonia from used cuprammonium artificial silk precipitation liquors, Recovering. A. Haltmeier. 2,184,923;
Ammonia, Oxidizing. F. E. Carter, S. L. Handforth, and W. E. Kirst. 2,167,708; Aug. 1.
Ammoniacal solutions of metal salts for recovering their constituents, Treatment of. K. Pattock and H. Wassenegger. 2,184,943; Dec. 26.
Ammonium bases, Producing quaternary. H. Ulrich and E. Ploetz. 2,173,069; Sept. 12.
Ammonium compounds and preparing the same, Quaternary. J. H. Shipp. 2,146,408; Feb. 7.
Ammonium compounds and preparing them, Polyoxyalkylene. H. Ulrich. 2,185,163; Dec. 26.
Ammonium derivatives of amides, Quaternary. A. K. Epstein and M. Katzman. 2,176,896; Oct. 24.
Ammonium fluosilicates, Long chain alkyl quaternary. R. B. Flint. 2,150,601; Mar. 14.
Ammonium hydrogen fluoride, Manufacture of. A. R. Bozarth. 2,156,273; May 2.
Ammonium nitrate, Manufacture of. R. W. Cairns. 2,166,579; July 18.
Ammonium nitrate, Manufacture of. D. A. Rogers and C. W. Brown. 2,167,464; July 25.
Ammonium nitrate, Manufacture of. W. B. Gideon and T. W. Hauff. 2,174,238; Sept. 26.
Ammonium nitrate, Preparation of. G. Fauser. Re. 21,217; Sept. 26.
Ammonium perphosphate, Production of solid. W. Völkel. 2,162,655; June 13.
Ammonium salts, Manufacture of new quaternary. H. A. Piggott. 2,146,406; Feb. 7.
Ammonium salts, Quaternary. A. W. Baldwin and E. E. Walker. 2,146,392; Feb. 7.
Ammonium salts, Quaternary. A. W. Baldwin and H. A. Piggott. 2,147,811; Feb. 21.
Ammonium sulphate, Manufacture of. J. W. R. Rayner. 2,178,082; Oct. 31.
Ammonium thiocyanate, Manufacture of. R. A. Mathes. 2,179,943; Nov. 14.
Ammunition. W. Brün and J. E. Burns. 2,160,469; May 30.
Ammunition. A. G. Schuricht and A. J. Hindrichs. 2,144,780; Jan. 24.
Ammunition box. W. Rethel. 2,157,306; May 9.
Ammunition for explosive operated tool. P. E. Littlehale. 2,149,814; Mar. 7.
Amplification control circuit. H. Bartels. 2,151,070; Mar. 21.
Amplifier. C. W. Hansell. 2,175,838; Oct. 10.
Amplifier. H. Mayer. 2,162,267; June 13.
Amplifier. N. C. Norman. 2,153,638; Apr. 11.
Amplifier. H. M. Owendoff. 2,162,744; June 20.
Amplifier. J. F. Toennies. 2,147,940; Feb. 21.
Amplifier and tone regulator. A. J. Kuhlenbeck and F. L. Manning. 2,184,646; Dec. 26.
Amplifier arrangement. O. Wohlfarth and G. de Niem. 2,144,237; Jan. 17.

Amplifier, Audio frequency. M. C. Jones. 2,179,260; Nov. 7.
Amplifier, Audio frequency. W. R. Koch. 2,179,263; Nov. 7.
Amplifier, Balanced electron tube. W. Soller. 2,166,184; July 18.
Amplifier, Broad band. M. Cawein. 2,174,234; Sept. 26.
Amplifier cascade with negative feedback. J. Bäbler. 2,161,844; June 13.
Amplifier circuit. L. M. Craft. 2,155,404; Apr. 25.
Amplifier circuit. K. Steimel and R. Urtel. 2,144,349; Jan. 17.
Amplifier circuit, Distortion-free. H. Tischner, J. Flurl, and H. Wessels. 2,165,769; July 11.
Amplifier, Contrast. P. J. Konkle. 2,179,414; Nov. 7.
Amplifier device. F. Kreienfeld. 2,183,748; Dec. 19.
Amplifier device. R. Urtel. 2,156,659; May 2.
Amplifier, Direct current. D. G. C. Luck. 2,179,265; Nov. 7.
Amplifier, Discharge tube. A. Nyman. 2,144,226; Jan. 17.
Amplifier, Discharge tube. K. Rath. 2,149,361; Mar. 7.
Amplifier, Electric. G. L. Beers. Re. 21,014; Feb. 28.
Amplifier, Electron discharge. H. Nelson. 2,175,697; Oct. 10.
Amplifier, Electron discharge device. G. M. Wright. 2,183,731; Dec. 19.
Amplifier feedback suppression. F. Strecker. 2,170,878; Aug. 29.
Amplifier for electrons. R. Barthelemy. 2,179,112; Nov. 7.
Amplifier for television synchronization, Filter. K. Schlesinger. 2,152,824; Apr. 4.
Amplifier, High frequency. R. A. Braden. 2,155,467; Apr. 25.
Amplifier, High frequency. V. D. Landon. 2,173,232; Sept. 19.
Amplifier, High frequency. L. C. Peterson. 2,170,645; Aug. 22.
Amplifier, High frequency. W. J. Poch. 2,183,203; Dec. 12.
Amplifier, Impedance coupled. A. C. Stocker. 2,173,238; Sept. 19.
Amplifier, Intermediate frequency. C. D. Kentner. 2,164,745; July 4.
Amplifier, Low-frequency. C. E. Granqvist. 2,169,837; Aug. 15.
Amplifier, Low frequency. R. F. Volz and A. J. W. de Groot. 2,150,567; Mar. 14.
Amplifier, Magnetron. R. Serrell. 2,155,844; Apr. 25.
Amplifier, Microware electronic. E. G. Linder. 2,184,556; Dec. 26.
Amplifier, Multigrid tube. K. C. Black. 2,181,865; Dec. 5.
Amplifier, Negative feedback. F. B. Anderson, A. W. Clement, and I. G. Wilson. 2,170,046; Aug. 22.
Amplifier, Neutralized high frequency. W. Buschbeck. 2,182,960; Dec. 12.
Amplifier, Photocell. R. H. Ranger. 2,179,954; Nov. 14.
Amplifier, Photoelectric. A. Karolus. 2,148,023; Feb. 21.
Amplifier, Piston travel. F. E. Schwentler. 2,165,985; July 11.
Amplifier, Radio frequency multipactor. P. T. Farnsworth. 2,172,152; Sept. 5.
Amplifier, Resistance-coupled. W. Buschbeck. 2,143,540; Jan. 10.
Amplifier, Resistance-coupled. W. Buschbeck. 2,183,707; Dec. 19.
Amplifier, Self-compensating. L. Merz. 2,172,961; Sept. 12.
Amplifier, Sound. W. R. Allison. 2,146,325; Feb. 7.
Amplifier, Stabilized tuned radio frequency. B. Salzberg. 2,172,454; Sept. 12.
Amplifier system. R. H. George and H. J. Heim. 2,151,757; Mar. 28.
Amplifier system. H. A. Wheeler. 2,152,618; Mar. 28.
Amplifier system, Electrical. O. W. Greenberg. 2,169,096; Aug. 8.
Amplifier system, Intermediate frequency. W. L. Carlson. 2,167,605; July 25.
Amplifier systems, Output control for. A. J. Stimson. 2,155,807; Apr. 25.
Amplifier, Telemetering torque. A. J. Moore. 2,164,179; June 27.
Amplifier tune and circuit. W. J. O'Brien. 2,145,368; Jan. 31.
Amplifier, Ultra-short wave high frequency. M. von Ardenne. 2,144,784; Jan. 24.
Amplifier, Wide band. W. Buschbeck. 2,164,899; July 4.
Amplifiers, Arrangement for shielding. V. Gandtner. 2,170,050; Aug. 22.
Amplifiers, Neutralizing high-frequency push-pull. W. Buschbeck and H. Prost. 2,159,731; May 23.
Amplifiers, Stabilization of image. K. Schlesinger. 2,163,219; June 20.
Amplifying device, Fluid pressure. E. A. Rockwell. 2,163,764; June 27.
Amplifying system. C. F. Wiebusch. 2,162,986; June 20.
Amplifying system and operation, Electrical. J. J. Numans. 2,158,248; May 16.
Amplifying systems, Push-pull and like. J. Ruston. 2,162,389; June 13.
Amplitude contractor and expander. H. Shore. 2,156,658; May 2.
Amplitude filter. W. Dillenburger. 2,171,918; Sept. 5.
Amplitude limiting device. F. Strecker. 2,144,036; Jan. 17.
Amplitude modulation reception. H. H. Beverage. 2,173,156; Sept. 19.
Ampoule. J. A. Saffir. 2,184,152; Dec. 19.
Ampoule filler. F. Cozzoli. 2,150,760; Mar. 14.
Ampoule sealing apparatus. O. G. Bennett. 2,168,509; Aug. 8.
Amusement and advertising device, Combination. C. G. Lamica. 2,157,266; May 9.
Amusement apparatus. N. Bartlett. 2,169,403; Aug. 15.
Amusement apparatus. J. W. Farmer. 2,147,526; Feb. 14.
Amusement apparatus. J. H. McMahon and A. W. Miller. 2,180,638–9; Nov. 21.
Amusement apparatus. B. E. Mills. 2,152,598; Mar. 28.
Amusement apparatus. A. W. Swenson. 2,164,361; July 4.
Amusement apparatus. J. H. Warner. 2,181,984; Dec. 5.
Amusement device. H. F. Bethell. 2,174,716; Oct. 3.
Amusement device. A. Bisch. 2,142,169; Jan. 3.
Amusement device. A. Bisch. 2,152,679; Apr. 4.
Amusement device. A. Bisch. 2,162,877; June 20.
Amusement device. A. Bisch. 2,163,360; June 20.
Amusement device. A. H. Bland. 2,165,743; July 11.
Amusement device. J. S. Compton. 2,182,517; Dec. 5.
Amusement device. S. H. Dixon and L. Hurd. 2,178,300; Oct. 31.
Amusement device. W. A. Etter. 2,174,206; Sept. 26.
Amusement device. M. Goldman. 2,148,346; Feb. 21.
Amusement device. H. W. Hanna. 2,177,804; Oct. 31.
Amusement device. W. D. Keith and R. W. Walker. 2,158,073; May 16.
Amusement device. P. B. Lloyd. 2,149,815; Mar. 7.
Amusement device. J. Loeffler. 2,176,675; Oct. 17.
Amusement device. J. L. McGrath. 2,175,944; Oct. 10.
Amusement device. F. Neuklis. 2,157,798; May 9.
Amusement device. A. Novak. 2,163,348; June 20.
Amusement device. C. H. Perry. 2,175,971; Oct. 10.
Amusement device. W. J. Rogers. 2,175,649; Oct. 10.
Amusement device. A. F. Schaeffer. 2,181,979; Dec. 5.
Amusement device. H. Singer. 2,183,468; Dec. 12.
Amusement device. S. Switlik. 2,153,011; Apr. 4.
Amusement device. J. Whiteley. 2,170,935; Aug. 29.
Amusement device. F. W. Williams. 2,180,448; Nov. 21.
Amusement devices, Method and apparatus for animated. J. E. Cook. 2,179,084; Nov. 7.
Amusement ride. T. B. Powers. 2,172,451; Sept. 12.
Amusement ride. H. Witt. 2,173,703; Sept. 19.
Amyl-ortho-cresol, Tertiary. G. W. Raiziss and L. W. Clemence. 2,157,014; May 2.
Analysis, Method of. W. O. Walker and W. R. Rinelli. 2,145,203; Jan. 24.
Analyzer plug. P. Kalencik. 2,163,201; June 20.
Anchor. G. S. Allin. 2,170,889; Aug. 29.
Anchor. W. C. Dillon. 2,176,566; Oct. 17.
Anchor, Adjustable. F. R. Sedore. 2,174,844; Oct. 3.
Anchor, Bolt. J. C. Mushet. 2,171,985; Sept. 5.
Anchor, Bolt. H. W. Pleister. 2,143,086; Jan. 10.
Anchor breaking device, Folding. H. R. Weeks. 2,144,645; Jan. 24.
Anchor, Earth. C. W. Brakensiek. 2,150,358; Mar. 14.
Anchor, Earth. C. E. Handel. 2,159,268; May 23.
Anchor, Earth. L. D. Kroff. 2,181,660; Nov. 28.
Anchor, Flange protecting rail. H. G. Warr. 2,163,299; June 20.
Anchor, Gas. C. T. Anderson. 2,143,836; Jan. 17.
Anchor, Gas. R. A. Werts. 2,170,881; Aug. 29.
Anchor, Insert. R. P. Heckman. 2,163,446; June 20.
Anchor, Marine. C. W. Filby. 2,161,906; June 13.
Anchor, Multiple disk expansion. A. J. Scholtes. 2,147,357; Feb. 14.
Anchor, Pump. W. H. Jackson and H. S. Kelley. 2,177,890; Oct. 31.
Anchor, Rail. G. A. Johnson. 2,161,925; June 13.
Anchor, Rail. H. G. Warr. 2,171,819; Sept. 5.
Anchor, Rail. H. G. Warr. 2,181,616; Nov. 28.
Anchor rail clip. R. P. Clarkson. 2,183,513; Dec. 12.
Anchor, Rock. W. L. Hollander. 2,177,138; Oct. 24.
Anchor, Self-cleaning. F. E. O'Neill. 2,175,540; Oct. 10.
Anchor, Sheathing. G. F. Barnett. 2,144,700; Jan. 24.
Anchor, Spring. A. E. Hopkins. 2,145,419; Jan. 31.
Anchor, Stovepipe. E. C. Rosencranz. 2,179,055; Nov. 7.
Anchor, Truck. E. G. Ulrich. 2,169,508; Aug. 15.
Anchor, Wall. C. W. Dunlap. 2,183,712; Dec. 19.
Anchor, Wash-pipe. L. A. Layne and L. C. Mundt. 2,155,718; Apr. 25.
Anchor, Whip stock. R. B. Kinzbach. 2,145,422; Jan. 31.
Anchorage apparatus. H. Rosenberg. 2,165,010–11; July 4.
Anchorage for cargo binders, Car wall. M. L. Rowe. 2,170,913; Aug. 29.
Anchorage for multiple strand cables. L. S. Moisseiff and F. Lienhard. 2,178,147; Oct. 31.
Anchorage for securing structural parts to concrete bases. F. Birch. 2,165,882; July 11.
Anchored adjustable chair. W. W. Churchill. 2,162,060; June 13.
Anchoring device. H. E. Sipe. 2,150,866; Mar. 14.
Anchoring for concrete or the like. R. S. Peirce. 2,158,302; May 16.
Anchoring means for candle holders. H. Vogel, Jr. 2,159,115; May 23.

Andiron, Adjustable. F. J. Plym. 2,161,194; June 6.
Androstendione and producing the same. W. Schoeller, A. Serini, and W. Logemann. 2,175,220; Oct. 10.
Anemometer with altitude correction. U. Ciamberlini. 2,177,244; Oct. 24.
Aneroid altimetric device with a high amplitude for aircraft. R. Blondelle. 2,172,694; Sept. 12.
Aneroid, Self-compensating. P. Kollsman. 2,150,771; Mar. 14.
Aneroids, Method of and apparatus for making. P. Kollsman. 2,154,273; Apr. 11.
Anesthetic. G. F. Rorer. 2,175,782; Oct. 10.
Anesthetic apparatus. J. G. Sholes and J. T. Glekler. 2,185,069; Dec. 26.
Anesthetic screen. M. G. Richardson. 2,180,480; Nov. 21.
Anesthetics, Apparatus for self-administration of. J. G. Sholes. 2,185,067; Dec. 26.
Anesthetics, Apparatus for self-administration of. J. G. Sholes and O. J. Smith. 2,185,068; Dec. 26.
Angle-indicating device. J. T. Fairchild. 2,175,751; Oct. 10.
Angle measuring device. G. Gardner. 2,142,124; Jan. 3.
Angle switching device for synchronizing two synchronous motors. C. C. Shutt. 2,175,923; Oct. 10.
Angling service. C. S. Herman. 2,145,929; Feb. 7.
Angular control system, Nonhunting. A. S. Riggs. 2,172,410; Sept. 12.
Angularity adjusting means for feathering rotors and the like. J. L. John. 2,159,382; May 23.
Anhydride, Distilling organic acid. J. Lösch. 2,166,997; July 25.
Anhydrides by the use of ketene, Preparation of. A. H. Gleason. 2,178,752; Nov. 7.
Anhydrides of unsaturated aliphatic monobasic acids, Manufacture of. L. Rubenstein. 2,143,924; Jan. 17.
Anhydrides, Treating. H. E. Martin. 2,170,972; Aug. 29.
Anhydrite, Making insoluble. R. S. Roberts. 2,151,331; Mar. 21.
Anilines, Manufacture of nuclear alkylated. R. R. Dreisbach. 2,159,370; May 23.
Animal actuated door. V. M. Nidever. 2,153,673; Apr. 11.
Animal, Animated artificial. F. E. Sullivan. 2,176,936; Oct. 24.
Animal fibers, Treatment of. L. Frenkel. 2,155,647; Apr. 25.
Animal figure. J. G. Dietrich. 2,183,306; Dec. 12.
Animal restrainer. A. Marty. 2,159,441; May 23.
Animal restraining apparatus. E. Speckels. 2,183,470; Dec. 12.
Animal shipping box. I. C. Robrahn. 2,169,030; Aug. 8.
Animal trap. E. L. Allen. 2,163,577; June 27.
Animal trap. R. C. Burnley. 2,160,809; June 6.
Animal trap. D. W. Burt. 2,163,827; June 27.
Animal trap. B. C. Chappell. 2,170,470; Aug. 22.
Animal trap. S. Cooper. 2,155,006; Apr. 18.
Animal trap. G. W. Duncan. 2,143,305; Jan. 10.
Animal trap. H. R. Graybill. 2,178,256; Oct. 31.
Animal trap. A. J. Hayden. 2,181,551; Nov. 28.
Animal trap. W. S. Heath. 2,178,789; Nov. 7.
Animal trap. F. F. Hosmer. 2,148,813; Feb. 28.
Animal trap. M. A. Huebener and J. U. Lehn. 2,159,483; May 23.
Animal trap. W. Knippelmeir. 2,146,019; Feb. 7.
Animal trap. J. U. Lehn and J. D. Zahm. 2,161,874; June 13.
Animal trap. R. C. Porciuncula. 2,151,046; Mar. 21.
Animal trap. J. Rafferty and T. Cowperthwaite. 2,160,986; June 6.
Animal trap. G. Schmitt. 2,144,940; Jan. 24.
Animal trap. T. W. Slutz. 2,174,929; Oct. 3.
Animal trap. H. A. Stilson. 2,146,361; Feb. 7.
Animal trap. H. A. Stilson and R. H. Sharp. 2,157,222; May 9.
Animal trap. C. J. White. 2,156,213; Apr. 25.
Animal trap. E. J. Willis. 2,183,926; Dec. 19.
Animal trap. G. L. Wingfield. 2,161,789; June 13.
Animal trap. E. E. Young. 2,145,537; Jan. 31.
Anion exchange, Effecting. O. M. Urbain and W. R. Stemen. 2,157,510–11; May 9.
Anion mercuri 1,3-dihydroxy 4-alkyl 6-halo benzene. W. G. Christiansen. 2,163,745; June 27.
Anionic exchanges in solutions, Effecting. B. A. Adams and E. L. Holmes. 2,151,883; Mar. 28.
Ankle support. G. H. Wilkinson. 2,165,879; July 11.
Annealing. C. J. Toll. 2,144,904; Jan. 24.
Annealing apparatus. J. Cook. 2,176,583; Oct. 17.
Annealing apparatus. F. C. Kuhnle. 2,182,294; Dec. 5.
Annealing apparatus. C. J. Toll. 2,174,642; Oct. 3.
Annealing box. K. J. Deahl. 2,157,231; May 9.
Annealing box. K. J. Deahl. 2,163,937; June 27.
Annealing box cover. J. B. Richards. 2,177,811; Oct. 31.
Annealing cover. C. C. Clark. 2,183,785; Dec. 19.
Annealing furnace. E. I. Huff. 2,146,432; Feb. 7.
Annealing furnace. A. N. Otis. 2,181,738; Nov. 28.
Annealing furnace. J. C. Woodson. 2,171,776–7; Sept. 5.
Annealing furnace, Ball type. A. V. Ritts and O. R. Olson. 2,144,742; Jan. 24.
Annealing furnace, Pipe joint. B. Ronay. 2,147,673; Feb. 21.
Annealing plant. L. Iversen. 2,168,527; Aug. 8.
Annealing process. J. L. Pearson. 2,146,760; Feb. 14.
Announcer, Phonographic time. D. A. Herman. 2,144,625; Jan. 24.
Annunciating apparatus. J. W. Logan, Jr. 2,178,284; Oct. 31.
Annunciator. M. L. Haselton and H. F. May. 2,146,576; Feb. 7.
Annunciator, Radio program. G. Babcock. 2,168,662; Aug. 8.
Annunciator system. L. J. Stevens. 2,148,913; Feb. 28.
Announcing system for ships. L. B. Logsdon. 2,172,066; Sept. 5.
Anode and manufacturing the same. J. A. Zitzler. 2,158,998; May 23.
Anode, Carbon. J. A. Zitzler. 2,158,996–7; May 23.
Anode, Carbon exterior. I. E. Mouromtseff. 2,154,278; Apr. 11.
Anode for electrodeposition of tungsten. H. H. Armstrong and A. B. Menefee. 2,145,746; Jan. 31.
Anodes, Manufacturing. J. A. Zitzler. 2,158,995; May 23.
Anodic oxidized coating of aluminum or its alloys, Dyeing. Y. Yasoshima. 2,150,409; Mar. 14.
Ant exterminator. S. J. Hurwitt. 2,176,345; Oct. 17.
Ant trap. C. J. Himel. 2,168,339; Aug. 8.
Antenna. A. Alford. 2,147,808; Feb. 21.
Antenna. A. Alford. 2,159,646; May 23.
Antenna. A. Alford. 2,167,735; Aug. 1.
Antenna. W. Berndt. 2,153,292; Apr. 4.
Antenna. W. Berndt. 2,163,743; June 27.
Antenna. W. Buschbeck. 2,181,171; Nov. 28.
Antenna. P. S. Carter. 2,166,750; July 18.
Antenna. P. S. Carter. 2,177,449; Oct. 24.
Antenna. J. L. Hathaway. 2,161,707; June 6.
Antenna. R. Kopanski. 2,152,316; Mar. 28.
Antenna. A. T. Mace. 2,163,465; June 20.
Antenna. H. O. Peterson. 2,153,589; Apr. 11.
Antenna. R. von Radinger. 2,163,770; June 27.
Antenna. L. Walter. 2,169,377; Aug. 15.
Antenna. H. E. Williams. 2,179,365; Nov. 7.
Antenna and support therefor, Wide-band short-wave. P. S. Carter. 2,175,254; Oct. 10.
Antenna and transmission line system, Wide band, short wave. P. S. Carter. 2,181,870; Dec. 5.
Antenna, Aperiodic. P. S. Carter. 2,165,958; July 11.
Antenna, Automobile radio. M. F. Shea and E. A. Speakman. 2,146,654; Feb. 7.
Antenna coupling device for radio receivers. B. Bauer and R. B. Albright. 2,159,546; May 23.
Antenna coupling means. H. O. Roosenstein. 2,184,771; Dec. 26.
Antenna coupling system. R. A. Cushman, P. H. Smith, and M. A. Specht. 2,166,237; July 18.
Antenna coupling system. W. R. Peterson. 2,161,192; June 6.
Antenna, Directional. A. Alford. 2,147,806; Feb. 21.
Antenna, Directional. P. S. Carter. 2,183,784; Dec. 19.
Antenna, Directive. E. Bruce. 2,145,024; Jan. 24.
Antenna for automobiles, Radio. E. I. Wiggins. 2,160,047; May 30.
Antenna for motor vehicles. M. Sharp. 2,163,471; June 20.
Antenna for radio transmission and reception. W. White. 2,142,226; Jan. 3.
Antenna, Loaded. W. R. Koch. 2,147,165; Feb. 14.
Antenna, Loop. B. L. Dolbear. 2,169,040; Aug. 8.
Antenna, Radio. L. A. Hyland. 2,159,379; May 23.
Antenna reel. R. M. Heintz and H. W. A. Gruenhagen. 2,161,044; June 6.
Antenna reel, Radio transmitter. E. C. Moore. 2,173,126; Sept. 19.
Antenna, Short wave. W. Buschbeck. 2,158,271; May 16.
Antenna, Short wave. P. S. Carter. 2,175,252–3; Oct. 10.
Antenna structure. W. M. Hahnemann. 2,147,814; Feb. 21.
Antenna suspension, Multiple V. H. Pratt. 2,167,774; Aug. 1.
Antenna system. J. W. Alexander and H. Rinia. Re. 21,157; July 25.
Antenna system. A. B. Bailey. 2,184,729; Dec. 26.
Antenna system. E. Bellini. 2,146,247; Feb. 7.
Antenna system. G. H. Brown. 2,157,159; May 9.
Antenna system. P. S. Carter. 2,149,726; Mar. 7.
Antenna system. J. B. Dow. 2,142,117; Jan. 3.
Antenna system. V. D. Landon. 2,147,168; Feb. 14.
Antenna system. L. M. Leeds. 2,158,875; May 16.
Antenna system. J. F. Morrison. 2,153,768; Apr. 11.
Antenna system. W. Moser and H. E. Paul. 2,158,376; May 16.
Antenna system. G. T. Royden. 2,159,637; May 23.
Antenna system. R. M. Wundt and O. Cordsmeier. 2,180,855; Nov. 21.
Antenna system, Directional. A. Alford. 2,177,415; Oct. 24.
Antenna system, Directive. H. Diamond. 2,172,365; Sept. 12.
Antenna system, Directive. H. O. Peterson. 2,155,955; Apr. 25.
Antenna system, Directive. H. O. Peterson. 2,160,899; June 6.
Antenna system for motor vehicles. R. M. Smith. 2,161,435; June 6.
Antenna system for vehicles. D. E. Foster. 2,157,532; May 9.

Antenna system, Permeability tuned. F. N. Jacob. 2,153,622; Apr. 11.
Antenna system, Short wave. A. Alford. 2,177,416; Oct. 24.
Antenna, Top cowl vehicle. H. Greenberg and P. Morrison. 2,170,684; Aug. 22.
Antenna, Variable-length. W. Berndt. 2,168,860; Aug. 8.
Antenna, Vertical. W. Berndt. 2,149,415; Mar. 7.
Antenna, Vertical. W. Berndt. 2,170,849; Aug. 29.
Antennas, Combined low frequency and turnstile. G. H. Brown. 2,149,333; Mar. 7.
Anthracene, Manufacture of. W. J. Mattox and A. V. Grosse. 2,180,814; Nov. 21.
Anthranilate and preparing same, Menthyl. M. S. Carpenter. 2,170,185; Aug. 22.
Anthraquinone compounds, Preparation of. M. A. Perkins. 2,180,299; Nov. 14.
Anthraquinone derivatives. P. Grossmann and M. Bommer. 2,149,433; Mar. 7.
Anthraquinone derivatives. G. C. Semple and C. Shaw. 2,145,954; Feb. 7.
Anthraquinone derivatives and preparing the same. W. Mieg. 2,149,064; Feb. 28.
Anthraquinone products and method of making. A. Miller. 2,155,673; Apr. 25.
Anthraquinone series, Compounds of the. W. Dettwyler. 2,165,618; July 11.
Anthraquinonediphenyldithiazoles, Preparation of. E. E. Beard. 2,150,092; Mar. 7.
Anthraquinones, Preparation of di(arylamino). W. A. Herrett. 2,152,191; Mar. 28.
Anthraquinonoyl-amino anthraquinones. J. Deinet. 2,181,048; Nov. 21.
Antibacklash device. P. G. Jacobson. 2,166,662; July 18.
Antibody compositions, Purification of. I. A. Parfentjev. 2,175,090; Oct. 3.
Antibutting device for farm animals. F. C. Sacker. 2,177,789; Oct. 31.
Anticheat device for games, etc. R. H. Breither. 2,178,276; Oct. 31.
Anticorrosion agent. R. Kern. 2,148,862; Feb. 28.
Antidetonating agent and motor fuel containing same. C. F. Prutton and D. R. Frey. 2,145,889; Feb. 7.
Antidistortion device. W. Kautter. Re. 21,248; Oct. 24.
Antifreeze composition. W. R. Canfield. 2,174,220; Sept. 26.
Antifreeze device. C. C. Farmer and A. B. Wood. 2,147,288; Feb. 14.
Antifreeze liquid, Noncorrosive. A. L. Bayes. 2,147,395; Feb. 14.
Antifreeze liquid, Noncorrosive. L. J. Clapsadle and A. H. Tenney. 2,147,149; Feb. 14.
Antifreeze liquid, Noncorrosive. H. Lamprey. 2,147,409; Feb. 14.
Antifreeze liquid, Noncorrosive alcohol. H. Lamprey. 2,153,961; Apr. 11.
Antifreeze solution. O. M. Williams, J. W. Baker, and B. F. Butler. 2,183,178; Dec. 12.
Antifreeze system. E. Watkins. 2,172,882; Sept. 12.
Antifriction bearing. R. Bode and A. von Petery. 2,171,390; Aug. 29.
Antifriction bearing. R. D. Brouwer. 2,168,469; Aug. 8.
Antifriction bearing. E. F. Fay. 2,173,250; Sept. 19.
Antifriction bearing. S. R. Large. 2,174,325; Sept. 26.
Antifriction bearing. L. Langhaar. 2,142,474; Jan. 3.
Antifriction bearing. W. T. Murden. 2,142,574; Jan. 3.
Antifriction bearing. A. R. Spicacci. 2,168,499; Aug. 8.
Antigen, Carcinoma. B. Gruskin. 2,165,370; July 11.
Antigen, Hay-fever. G. E. Rockwell. 2,150,131; Mar. 7.
Antigen, Pregnancy. B. Gruskin. 2,151,697; Mar. 28.
Antigen, Sarcoma. B. Gruskin. 2,165,371; July 11.
Antigenic polysaccharide complex. P. Masucci. 2,166,963; July 25.
Antiglare device. G. H. Parks. 2,147,543; Feb. 14.
Antihalation layer and filter layer. W. Schneider. 2,147,112; Feb. 14.
Antihalation layer for photographic sensitive materials. O. F. Bloch. 2,171,911; Sept. 5.
Antihalation layers for photographic films. L. E. Muehler. 2,150,695; Mar. 14.
Antiknock control system. R. Couch. 2,145,156; Jan. 24.
Antineuritic substances, Preparing. E. R. Buchman. 2,166,233; July 18.
Antioxidant. A. M. Clifford. 2,180,666; Nov. 21.
Antioxidant. H. I. Cramer. 2,150,421; Mar. 14.
Antioxidant. W. L. Semon. 2,166,223; July 18.
Antioxidant for rubber composition. R. F. Dunbrook and B. J. Humphrey. 2,160,200; May 30.
Antioxidants. A. M. Clifford. 2,178,536; Nov. 7.
Antioxidants, Manufacture of aliphatic ketone-dairylamine. L. Meuser and C. S. Dewey. 2,160,223; May 30.
Antioxidants, Nonstaining. P. C. Jones. 2,153,804; Apr. 11.
Antioxygenic composition. S. Musher. 2,176,037; Oct. 10.
Antipilferage device. A. McWalters. 2,163,955; June 27.
Antirachitic substances, Preparing dietary. J. K. Elderkin and E. Hofman. 2,183,933; Dec. 19.
Antirattling means for telescopically extensible members. A. T. Mace. 2,179,472; Nov. 7.
Antiseepage breast device. H. R. Littlehales. 2,163,792; June 27.
Antiseptic and making it. R. Hopkinson and A. V. Tolstoouhov. 2,162,014; June 13.
Antiseptic, disinfecting, and preserving media. B. Puetzer. 2,156,193; Apr. 25.
Antiseptic dispenser, Pocket. C. Layne. 2,180,248; Nov. 14.
Antishock spring. J. V. Rice, Jr. 2,145,891; Feb. 7.
Antisiphon device for fuel tanks. R. S. Fellows and E. O. Immel. 2,145,759; Jan. 31.
Antisiphon valve. W. C. Groeniger. 2,174,742; Oct. 3.
Antisiphoning device. W. C. Groeniger. 2,174,743; Oct. 3.
Antiskid chain. G. C. T. Kunkle. 2,176,631; Oct. 17.
Antiskid chain. E. Littmann. 2,151,520; Mar. 21.
Antiskid chain. R. C. Rueff and L. Hammond. 2,164,945; July 4.
Antiskid cross chain. J. Senft. 2,165,114; July 4.
Antiskid device. W. C. Jackson. 2,183,321; Dec. 12.
Antiskid device. W. E. Lincoln. 2,178,592; Nov. 7.
Antiskid device. B. Littmann and R. C. Rueff. 2,150,448; Mar. 14.
Antiskid device. W. H. Miller. 2,176,637; Oct. 17.
Antiskid device. L. R. Poe. 2,143,523; Jan. 10.
Antiskid device. W. P. Wannemacher. 2,166,454; July 18.
Antiskid device. W. L. Wettlaufer. 2,158,264; May 16.
Antiskid device. J. G. Young. 2,177,340; Oct. 24.
Antiskid device for automobiles. R. M. Dole. 2,168,440; Aug. 8.
Antiskid device for motor vehicles. C. Ehret. 2,184,664; Dec. 26.
Antiskid device for vehicle wheels. T. Hamalainen. 2,169,950; Aug. 15.
Antiskid device for vehicles. G. L. Schiding. 2,162,643; Jan. 10.
Antiskid device for wheel tires. A. Lindberg. 2,143,784; 27.
Antiskidding appliance for vehicles. L. Duranton. 2,172,700; Sept. 12.
Antiskidding device for motor vehicles. F. Hanel. 2,155,130; Apr. 18.
Antislipping attachment for ladders. L. R. Brown. 2,145,619; Jan. 31.
Antislipping device. F. O. Lawson. 2,166,958; July 25.
Antislipping device. G. A. Moriarty. 2,160,601; May 30.
Antislipping means, Detachable. H. C. Oakland. 2,157,561; May 9.
Antisnoring device. D. H. Waite. 2,178,128; Oct. 31.
Antiteetering device. E. R. Frost. 2,176,255; Oct. 17.
Antitheft device. H. F. George. 2,146,697; Feb. 7.
Antivibration mounting. F. W. Meredith and J. W. Barnes. 2,175,405; Oct. 10.
Anti-wheel-lock system. C. F. Hirshfeld and A. H. Brown. 2,182,694; Dec. 5.
Anti-window-rattle device. A. G. Grondahl. 2,143,266; Jan. 10.
Anvil, Ledger plate. E. L. Mulvaney. 2,164,283; June June 13.
Aperiodic current. W. R. Mayberry. 2,172,050; Sept. 5.
Apparatus and method for grinding and polishing bore holes. E. T. Meakin. 2,165,566; July 11.
Apparatus and method of forming crosses in warp beams and thread windings therefor. B. J. Goldsmith. 2,176,710; Oct. 17.
Apparatus controller, Mechanical interlock multiple. J. N. McClure. 2,150,838; Mar. 14.
Apparatus for abraiding coatings from rods. J. E. Anderson. 2,170,672; Aug. 22.
Apparatus for abrasively treating metallic objects. D. C. Turnbull. 2,154,878; Apr. 18.
Apparatus for accurate pneumatic separation of particles of a mass. H. M. Sutton and E. G. Steele. 2,163,332; June 20.
Apparatus for air conditioning. N. Weinstein. 2,185,047; Dec. 26.
Apparatus for amplifying electrical currents. J. E. Parker. Re. 21,305; Dec. 19.
Apparatus for analyzing a gas. P. T. and C. A. Sprague. 2,180,322; Nov. 14.
Apparatus for and method of combustion. D. J. Mosshart. 2,143,834; Jan. 10.
Apparatus for and method of reducing distortion in the reception of electromagnetic waves. D. A. Wilbur. 2,179,872; Nov. 14.
Apparatus for applying adhesive to labels and the like. N. Lanes. 2,168,222; Aug. 1.
Apparatus for applying identifying means. A. J. Freeman. 2,169,413; Aug. 15.
Apparatus for applying material such as glue to successive pieces. G. G. Pierson. 2,175,760; Oct. 10.
Apparatus for applying mirror surface to the interior of lamp bulbs. M. E. Macksoud. 2,164,332; July 4.
Apparatus for assembling parts. E. Wensley and J. S. Stull. 2,169,063; Aug. 8.
Apparatus for assembling piano cases. J. Sauerland. 2,174,670; Oct. 3.
Apparatus for automatically controlling the current in an alternating current circuit. A. H. B. Walker. 2,177,556; Oct. 24.
Apparatus for automatically determining the exposure in photographic apparatus. O. Riszdorfer. Re. 21,210; Sept. 19.
Apparatus for automatically indicating the weight of the pickling brine to be supplied to meat for the purpose of pickling the latter. G. Beisser, deceased. 2,148,923; Feb. 28.

Apparatus for bench grinding long blades. W. F. Ocenasek. 2,153,502; Apr. 4.
Apparatus for canning meat. S. L. Komarik. 2,181,945; Dec. 5.
Apparatus for carrying out the bleaching of bast fibers. P. Siedler, E. Kayser, H. Korte, and W. Waibel. 2,184,477; Dec. 26.
Apparatus for charging containers with insert gas and materials. M. Wagner. 2,182,187; Dec. 5.
Apparatus for checking receipts. E. K. Portman-Dixon. 2,144,564; Jan. 17.
Apparatus for circle shearing. H. Demmon. 2,181,315; Nov. 28.
Apparatus for clarifying liquors containing suspended and flocculent matter, such as sugar juices and similar liquors. N. B. Bach. 2,153,607; Apr. 11.
Apparatus for classifying finely granulated solids according to size. H. E. T. Haultain. 2,168,207; Aug. 1.
Apparatus for cleaning and pumping oil wells. F. G. Beckman. 2,163,115; June 20.
Apparatus for cleaning elongated metal objects. J. M. Hilbish and J. K. McCahan. 2,174,879; Oct. 3.
Apparatus for coating articles. C. J. Aulbach. 2,178,158; Oct. 31.
Apparatus for comparing a plurality of oscillatory systems. L. W. Blau and A. B. Bryan. 2,148,678; Feb. 28.
Apparatus for continuous heating and cooling of metals. K. A. Juthe. 2,182,616; Dec. 5.
Apparatus for controlling flow of fuel to a heating device. W. D. Bell. 2,157,109; May 9.
Apparatus for controlling industrial processes. J. R. Stricklen and E. B. Foote. 2,179,166; Nov. 7.
Apparatus for controlling liquid levels. P. F. Danel. 2,168,117; Aug. 1.
Apparatus for controlling pressure fluid. J. Briscoe. 2,180,395; Nov. 21.
Apparatus for controlling the operation of internal combustion engines of the multicylinder type. K. W. Rohlin. 2,166,968; July 25.
Apparatus for countersinking operations and the like. H. C. Burden. 2,148,433; Feb. 28.
Apparatus for creating a layer of secondary air and steam above a hearth. J. Arkin and E. Mille. 2,165,880; July 11.
Apparatus for cutting threads. W. L. Benninghoff. 2,184,136; Dec. 19.
Apparatus for decreasing rail contact resistance. H. A. Thompson. 2,176,616; Oct. 17.
Apparatus for delivering material in solid, plastic, or semiliquid form from storage containers. P. F. Crothers; 2,154,325; Apr. 11.
Apparatus for detecting and maintaining fire in a stoker. L. R. Teeple. 2,154,787; Apr. 18.
Apparatus for detecting ionizing radiations of very low intensity. L. Rovner. 2,161,979; June 13.
Apparatus for determining bearing play. T. V. Buckwalter. 2,185,142; Dec. 26.
Apparatus for determining depth of submarine cable trench during cable laying operations. C. S. Lawton. 2,142,136; Jan. 3.
Apparatus for determining insulating values. F. C. Doble and G. H. Browning. 2,170,813; Aug. 29.
Apparatus for determining liquid levels. W. P. Thomas, C. L. Howse, H. E. Brelsford, and F. Bowers. 2,153,213; Apr. 4.
Apparatus for determining the printing time for photographic negatives. I. L. Gartland. 2,167,884; Aug. 1.
Apparatus for dispensing carbonated water. J. G. Nelson. 2,184,397; Dec. 26.
Apparatus for displaying and advertising merchandise. L. H. Williams. 2,171,054; Aug. 29.
Apparatus for distributing fire-extinguishing foam. L. G. M. Timpson. 2,183,339; Dec. 12.
Apparatus for drying and shaping the shoulders of garments. R. J. Beede. 2,184,375; Dec. 26.
Apparatus for drying warps of textiles. E. A. Stienen. 2,168,456; Aug. 8.
Apparatus for electrical precipitation. F. W. Hoss and W. Deutsch. 2,142,129; Jan. 3.
Apparatus for elongating and decreasing the wall thickness of tubular blanks. R. C. Stiefel. 2,176,155; Oct. 17.
Apparatus for establishing an artificial horizon. H. Langgässer. 2,167,422; July 25.
Apparatus for evaporating and distilling. B. Fox and C. E. Ericson. Re. 21,129; June 27.
Apparatus for evaporating and distilling. B. Fox and C. E. Ericson. 2,165,044; July 4.
Apparatus for extracting. J. J. Gordon and J. H. Zeigler. 2,176,899; Oct. 24.
Apparatus for fabricating structural elements. R. L. Burke. 2,164,567; July 4.
Apparatus for fabricating structural elements. R. L. Burke. 2,176,664; Oct. 17.
Apparatus for feeding countercurrent extraction units. M. Bonotto. 2,158,782; May 16.
Apparatus for filament coiling. R. B. Thomas. 2,163,565; June 20.
Apparatus for finishing circular objects. H. W. Zimmerman. 2,176,163; Oct. 17.
Apparatus for finishing the edges of wallboard. C. O. Walper. 2,180,570; Nov. 21.
Apparatus for forming blanks for collapsible tubes. P. Witte. 2,172,745; Sept. 12.
Apparatus for forming shaped small objects. C. Pfanstiehl. 2,169,281; Aug. 15.
Apparatus for forming spacing bends in wire fabrics. A. Chambers. 2,154,149; Apr. 11.
Apparatus for forming window openings in traveling webs. A. Potdevin. 2,152,708; Apr. 4.
Apparatus for gauging sheet material. D. Buccicone and B. W. Frazier. 2,184,036; Dec. 19.
Apparatus for getting superelevations for curves of various radii and speeds for highways and railroads. F. E. Willson. 2,160,049; May 30.
Apparatus for governing movement of hand controlled power transmission. H. F. Vickers. 2,164,971; July 4.
Apparatus for grinding liquid or semisolid substances. L. K. V. Helstrup. 2,170,303; Aug. 22.
Apparatus for grinding material in a more or less viscous condition. A. Sonsthagen. 2,163,765; June 27.
Apparatus for gunnery calculators. K. Papello. 2,174,330; Sept. 26.
Apparatus for handling strip material. H. J. Arthur. 2,158,790; May 16.
Apparatus for heat treating. A. C. Dames. 2,179,073; Nov. 7.
Apparatus for heating tubular members. P. A. Smith. 2,182,364; Dec. 5.
Apparatus for holding sleeves. J. A. and C. W. Peyton. 2,175,308; Oct. 10.
Apparatus for imparting stretchability to webs. W. W. Rowe and W. A. Morris. Re. 20,970; Jan. 3.
Apparatus for incineration of garbage and refuse. J. B. Black and F. Denig. 2,171,538; Sept. 5.
Apparatus for increasing efficiency of gas cutting operations. R. L. Wagner. 2,167,399; July 25.
Apparatus for indicating employment schedules. D. L. Burk. 2,183,183; Dec. 12.
Apparatus for introducing an odorant fluid into a gas line. R. M. and F. Y. Hutchison. 2,175,526; Oct. 10.
Apparatus for introducing fluid into a deep well pump. C. J. Coberly. 2,179,480; Nov. 14.
Apparatus for lining pipes with cementitious material. W. T. Tate. Re. 21,164; July 25.
Apparatus for locating concealed conductive bodies. T. Ryan. 2,167,490; July 25.
Apparatus for magnetically separating materials. A. L. J. Queneau. 2,177,809; Oct. 31.
Apparatus for maintaining adjacent railway cars on a level plane. T. H. Schoepf and D. M. Ritchie. 2,161,687; June 6.
Apparatus for maintaining constant hydrostatic pressure upon a liquid. C. M. and R. T. Fields. 2,180,818; Nov. 21.
Apparatus for making a bung ring. S. Schwartz. 2,158,434; May 16.
Apparatus for making dipped goods. J. R. Gammeter. 2,146,293; Feb. 7.
Apparatus for making iced bodies, Portable. V. Planer. 2,155,956; Apr. 25.
Apparatus for making incisions. H. M. Janowski. 2,178,665; Nov. 7.
Apparatus for making measurements and graphs of successive tree ring widths. L. M. Solomon. 2,180,485; Nov. 21.
Apparatus for making pipe. V. Brunetti. 2,178,015; Oct. 31.
Apparatus for making roll-forged articles. J. F. Ferm. 2,183,557; Dec. 19.
Apparatus for making strands. J. W. Olson. 2,168,431; Aug. 2.
Apparatus for manufacturing plaited upholstery with mismatched seams. A. S. Mitchell. 2,183,429; Dec. 12.
Apparatus for marking the position of a vehicle on a map. R. M. R. Courtois-Suffit and H. E. Tailleferre. 2,163,746; June 27.
Apparatus for materials testing, Rate of load control. A. H. Emery. 2,167,332; July 25.
Apparatus for measuring and marking web materials. P. A. van Kempen. 2,174,129; Sept. 26.
Apparatus for measuring area. D. C. Stockbarger and J. L. Jones. 2,184,159; Dec. 19.
Apparatus for measuring area. D. C. Stockbarger and J. L. Jones. 2,184,162; Dec. 19.
Apparatus for measuring charges of powdered and granular materials. A. D. Paull. 2,161,190; June 6.
Apparatus for measuring frequency. J. E. Echlin and L. G. Erickson. 2,161,146; June 6.
Apparatus for measuring predetermined quantities by weighing. A. van Duyn. 2,157,197; May 9.
Apparatus for measuring the liquid contents of a container or vessel. E. Fischel. 2,161,510; June 6.
Apparatus for measuring the quantity of fluid in vessels or containers. K. Saur. 2,168,106; Aug. 1.
Apparatus for melting magnesium. C. S. Harris. 2,173,063; Sept. 12.
Apparatus for mixing different or similar substances. O. Hummel. 2,167,805; Aug. 1.
Apparatus for multiple stage cementing. O. L. Morrisett. 2,169,568; Aug. 15.
Apparatus for observing revolving objects. A. R. Boaz. 2,153,448; Apr. 4.
Apparatus for obtaining high-tension alternating current from low-tension direct current. R. J. Elsome-Jones. 2,144,593; Jan. 17.

Apparatus for operating upon articles. C. W. Leguillon and O. F. Homeier. 2,177,898; Oct. 31.
Apparatus for orienting materials. R. Wright. 2,182,859; Dec. 12.
Apparatus for packaging products. E. A. Muller. 2,182,700; Dec. 5.
Apparatus for placing protective covering around pipes. C. H. Mull. 2,177,221; Oct. 24.
Apparatus for placing reinforcement in concrete. O. F. Arthur. 2,175,240; Oct. 10.
Apparatus for playing a game of skill. H. Leach. 2,155,794; Apr. 25.
Apparatus for pneumatic separation of materials of different specific gravities and sizes. F. F. Ridley. 2,183,281; Dec. 12.
Apparatus for polishing thermoplastic articles. J. S. Reid. 2,182,388; Dec. 5.
Apparatus for posting electrically transmitted information. L. L. Rustad and V. E. Extrom. 2,182,355; Dec. 5.
Apparatus for preparing padded trim panels. C. W. Avery and A. H. Haberstump. 2,167,862; Aug. 1.
Apparatus for pressing tubular garment elements. J. H. Leef. 2,180,940; Nov. 21.
Apparatus for printing, punching, and applying closure blanks. G. W. Booth. 2,175,338; Oct. 10.
Apparatus for producing a package. R. K. Slocum. 2,179,024; Nov. 7.
Apparatus for producing artificial respiration. A. C. N. Andersen. 2,169,784; Aug. 15.
Apparatus for producing fire extinguishing foam. W. Friedrich. 2,164,153; June 27.
Apparatus for producing from endless fibers a card sliver suitable for drawings. K. J. Schmitt. 2,180,172; Nov. 14.
Apparatus for producing high light in half-tones. G. W. Morris, Jr. 2,145,427; Jan. 31.
Apparatus for producing musical sounds. A. N. Gardiner. 2,167,600; July 25.
Apparatus for producing reciprocatory or vibratory motion. M. Knobel. 2,154,627; Apr. 18.
Apparatus for producing stereoscopic effects in motion pictures. H. A. Adams and R. D. Lemert. 2,146,135; Feb. 7.
Apparatus for pumping wells. F. E. Scheider and J. C. Hinkle. 2,172,016; Sept. 5.
Apparatus for putting slack in anchoring assemblies of electrical conductors. U. C. Dunaway and F. M. Cunningham. 2,162,070; June 13.
Apparatus for receiving compressional waves. W. Kallmeyer. 2,181,132; Nov. 28.
Apparatus for recording and reproducing sound records. G. Rattray. 2,174,167; Sept. 26.
Apparatus for reduction. R. S. Butler. 2,168,082; Aug. 1.
Apparatus for refrigerating purposes. P. A. Bancel. Re. 21,193; Sept. 5.
Apparatus for removing devices from wells. E. P. Halliburton. 2,177,886; Oct. 31.
Apparatus for removing foreign material from air. J. D. Schmieg. 2,163,452; June 20.
Apparatus for scaling fish. W. D. Grow. 2,172,471; Sept. 12.
Apparatus for separating blanks from sheet material. A. J. Evers. 2,168,401; Aug. 8.
Apparatus for sharpening knife edges. J. Gattoni. 2,180,952; Nov. 21.
Apparatus for shielding a body from fluid currents. A. Huet. 2,177,887; Oct. 31.
Apparatus for shock absorbers for articulated trunnions. T. H. Schoepf and D. M. Ritchie. 2,161,685; June 6.
Apparatus for skirt cutting means. P. Favata. 2,176,252; Oct. 17.
Apparatus for spinning prevention of traction wheels. W. Rieger. 2,170,766; Aug. 22.
Apparatus for stabilizing sprung bodies. W. R. Oyston. 2,151,663; Mar. 21.
Apparatus for stenciling articles. H. W. Schneider. 2,179,220; Nov. 7.
Apparatus for straightening out deformities in mudguards. H. Hou. 2,183,427; Dec. 12.
Apparatus for supplying cut tobacco to cigarette machines. H. Klüx. 2,149,056; Feb. 28.
Apparatus for surface hardening the teeth of double helical gears. H. Holler. 2,151,971; Mar. 28.
Apparatus for surfacing felted sheets. O. W. Frost. 2,178,631; Nov. 7.
Apparatus for synchronizing machines for handling tubular fabric. S. Cohn and J. G. Walter. 2,171,741; Sept. 5.
Apparatus for taking fluid samples. J. B. Clark. 2,161,557; June 6.
Apparatus for tapping sheet metal. J. H. Parsons and R. M. Powell. 2,180,545; Nov. 21.
Apparatus for testing axles and the like. O. J. Horger. 2,180,363; Nov. 21.
Apparatus for testing layers of insulation. G. B. Kidd. 2,177,528; Oct. 4.
Apparatus for testing magnetizable workpieces. F. Jähne. 2,170,371; Aug. 22.
Apparatus for testing the mechanical oscillation properties of bodies. F. Förster. 2,178,252; Oct. 31.
Apparatus for testing tubular members. C. A. Richardson. 2,183,974; Dec. 19.
Apparatus for testing vision. F. W. Jobe. 2,184,507; Dec. 26.
Apparatus for the application of injection pressure in pressure casting machines. W. H. Schwartz. 2,182,059; Dec. 5.
Apparatus for the continuous distillation of high-boiling hydrocarbons to coke. A. Knudsen. 2,164,247; June 27.
Apparatus for the continuous mixing and homogenizing of substances. P. Smit. 2,177,910; Oct. 31.
Apparatus for the control of highway crossing signals. C. W. Bell. 2,174,253; Sept. 26.
Apparatus for the control of highway crossing signals. J. K. Mickley. 2,182,158; Dec. 5.
Apparatus for the control of highway crossing signals. G. R. Pflasterer. 2,175,408; Oct. 10.
Apparatus for the control of highway crossing signals. P. J. Simmen. 2,184,878; Dec. 26.
Apparatus for the electrolytic production of metallic shapes. V. L. Tannehill. 2,171,437; Aug. 29.
Apparatus for the elevation and disposal of spoil. C. W. F. Hamilton. 2,147,530; Feb. 14.
Apparatus for the manufacture of artificial filaments. L. S. Fryer. 2,181,052; Nov. 21.
Apparatus for the manufacture of indented corrugated paper products. C. Q. Ives. 2,154,940; Apr. 18.
Apparatus for the production of music. B. F. Miessner and C. T. Jacobs. Re. 21,225; Oct. 3.
Apparatus for the transportation of molten materials. J. D. Pugh. 2,151,392; Mar. 21.
Apparatus for the transportation of molten materials. S. W. Randolph. 2,151,393; Mar. 21.
Apparatus for the treatment of the skin or the like. V. Sommer, B. R. Roberts, and F. M. Faust. 2,183,726; Dec. 19.
Apparatus for tracing curved lines. D. J. Witherspoon. 2,156,417; May 2.
Apparatus for transferring molten materials. J. D. Pugh. 2,151,391; Mar. 21.
Apparatus for treating articles with fluid. G. Kuhn. 2,171,449; Aug. 29.
Apparatus for treating linseed-oil, resins, and copals. R. Wirth. 2,146,164; Feb. 7.
Apparatus for treating loose flowable material. F. H. Barnsdale. 2,183,274; Dec. 12.
Apparatus for treating matters in hot liquid state. A. Vogt. 2,182,064; Dec. 5.
Apparatus for treating metal articles. D. C. Turnbull. 2,154,879; Apr. 18.
Apparatus for trimming and joining the ends of fabric pieces. H. Corrall and J. Heggie. 2,163,304; June 20.
Apparatus for tunneling in consolidated material. L. F. Parker and H. L. Myer. 2,164,753; July 4.
Apparatus for velocity particle-stream propagation. W. A. Hext. 2,176,497; Oct. 17.
Apparatus for water sports. S. L. Kent, Jr. 2,175,197; Oct. 10.
Apparatus for weatherproofing composition board. R. S. Maclean and C. W. Pollard. 2,163,757; June 27.
Apparatus for welding metal strip end to end. F. C. Biggert, Jr. 2,181,502; Nov. 28.
Apparatus for well cleaning. W. J. Crites. 2,179,619; Nov. 14.
Apparatus for winding material. E. E. Franz. 2,144,840; Jan. 24.
Apparatus for winding scrap from multiple slitting shears. F. R. Eddy. 2,185,076; Dec. 26.
Apparatus responsive to frequency difference. C. W. La Pierre. 2,176,742; Oct. 17.
Apparatus sensitive to atmospheric conditions. A. T. Matthews and C. C. Cadden. 2,153,425; Apr. 4.
Apparatus, Size-reducing. R. S. Butler. 2,168,091; Aug. 1.
Apparatus subjected to heat and cold alternately. R. Franks. 2,159,723; May 23.
Apparatus to make steel reinforced looseleaf paper sheets. F. S. Schade. 2,157,270; May 9.
Apparatus with scintillating effect, Illuminated advertising. A. Gentilini. 2,170,368; Aug. 22.
Apparel and making the same, Wearing. C. A. J. Schaefer. 2,142,288; Jan. 3.
Apparel and making the same, Wearing. H. C. Underwood. 2,163,717; June 27.
Apparel and parts thereof. J. H. Lind. 2,143,381; Jan. 10.
Apparel, Folding wearing. F. A. Wiegman. 2,152,940; Apr. 4.
Apparel, Wearing. I. C. Allen. 2,159,119; May 23.
Apparel, Wearing. F. Eaton. 2,167,350; July 25.
Apparel, Wearing. R. H. Guinzburg. 2,162,810; June 20.
Apparel, Wearing. I. E. Heller. 2,177,023; Oct. 24.
Apparel, Wearing. A. J. Steinberger. 2,153,352; Apr. 4.
Appliance for correcting bunions. H. J. Strickland. 2,171,247; Aug. 29.
Appliance for protecting portions of a shoe during cleaning or polishing. M. M. Brennan. 2,170,652; Aug. 22.
Appliance for use in the teaching of arithmetic. C. Kuiper. 2,150,508; Mar. 14.
Applicating apparatus and method. F. W. Britt. 2,173,959; Sept. 26.
Application machine for insulating material. R. B. Patterson. 2,183,583; Dec. 19.
Applicator. A. H. Jung. 2,164,244; June 27.

Applicator. E. J. Leffler. 2,180,533; Nov. 21.
Applicator. E. E. Rieber. 2,165,508; July 11.
Applicator, Cervical. J. S. Heintz and M. S. Cook. 2,146,472; Feb. 7.
Applicator, Cleaning. J. H. Stroop. 2,160,921; June 6.
Applicator, Fluid. C. J. Rohland. 2,147,458; Feb. 14.
Applicator for planographic printing machines, Material. F. E. Curtis. 2,165,234–5; July 11.
Applicator for vibratory massagers. O. T. Buffalow. 2,156,839; May 2.
Applicator, Lipstick. M. V. Eastley. 2,143,061; Jan. 10.
Applicator, Liquid. V. G. Corel. 2,170,550; Aug. 22.
Applicator pad, Wax charged. R. B. Kingman. 2,157,543; May 9.
Applicator, Powder. B. Bolte. 2,151,418; Mar. 21.
Applicator, Rapid action ratchet torque. K. W. Archibald. 2,172,490; Sept. 12.
Applicator, Soil fumigant. A. L. Taylor. 2,177,792; Oct. 31.
Applicator, Thermal. C. F. Townsan. 2,145,534; Jan. 31.
Applicator, Tonic and oil. E. J. Hewitt. 2,166,295; July 18.
Applicator, Wax or like. R. B. Kingman. 2,160,155; May 30.
Apportioning device. B. Slipikas. 2,168,050; Aug. 1.
Approach control apparatus for railway signaling systems. H. G. Blosser. 2,174,255; Sept. 26.
Approach control apparatus for railway signaling systems. H. G. Blosser. 2,177,089–90; Oct. 24.
Approach control apparatus for railway signaling systems. H. G. Blosser. 2,184,543; Dec. 26.
Approach control apparatus for railway signaling systems. E. U. Thomas. 2,172,893; Sept. 12.
Apron, Adjustable. P. P. Dosberg. 2,148,152; Feb. 21.
Apron, Bib. H. McEldowney. 2,152,073; Mar. 28.
Apron, Stay-bib bonnet. H. M. Hall. 2,156,495; May 2.
Aquarium conditioner. J. L. Magnus. 2,172,799; Sept 12.
Aquarium, Floral. F. W. Tredup. 2,155,811; Apr. 25.
Aquarium, Wall. M. Skolnick. 2,144,551; Jan. 17.
Aralkenyl compounds and polymerization products thereof, Production of. H. I. Waterman and W. J. C. de Kok. 2,145,501; Jan. 31.
Arbor, Split straightening. C. E. Pierce. 2,154,582; Apr. 18.
Arc apparatus for producing chemical reactions, Electric. V. F. Hanson. 2,167,976; Aug. 1.
Arc back protection. W. R. Taliaferro. 2,179,308; Nov. 7.
Arc discharge device or rectifier, Grid-controlled mercury. F. P. Whitaker. 2,151,576; Mar. 21.
Arc extinguishing method and device. H. A. Triplett. 2,175,495; Oct. 10.
Arc for searchlights, Remotely controlled. F. R. House. 2,146,503; Feb. 7.
Arc lamp. J. Gelb. 2,171,027; Aug. 29.
Arc lamp. A. Stahn. 2,156,360; May 2.
Arc lamp, Enclosed. C. W. Jameson. 2,152,763; Apr. 4.
Arc lamp, Metal vapor. W. T. Anderson, Jr. 2,179,606; Nov. 14.
Arc quencher. F. B. Adam and F. S. Green. 2,159,645; May 23.
Arc-rays treating machine. R. R. Rold. 2,148,174; Feb. 21.
Arc rupturing device for electric safety fuses. E. Lange. 2,147,848; Feb. 21.
Arc welding. V. J. Chapman. 2,184,335; Dec. 26.
Arc welding generator, Direct-current. E. E. Tisza, and J. Tyrner. 2,163,418; June 20.
Arcs, Apparatus for the operation of direct current electric. P. Baumann, K. Krapp, H. Schilling, and R. Stadler. 2,160,452; May 30.
Arch structure. P. B. Hill. 2,175,292; Oct. 10.
Arch support. A. J. Cote. 2,163,906; June 27.
Arch support. R. L. Latham. 2,178,910; Nov. 7.
Arch support. J. F. Schipper. 2,154,997; Apr. 18.
Arch support. W. Seigle. 2,178,651; Nov. 7.
Arch support. H. F. Swant. 2,170,737; Aug. 22.
Arch support. J. Wysowski. 2,148,974; Feb. 28.
Arch support for shoes. W. H. Nickerson. 2,150,779; Mar. 14.
Arch support, Orthopedic foot. H. Seligmann. 2,167,933; Aug. 1.
Arch support, Two-piece. W. D. Moore. 2,147,913; Feb. 21.
Arch supporting pad. L. Rosenthal. 2,181,522; Nov. 28.
Area measuring apparatus and method. E. L. Bowles. 2,184,156; Dec. 19.
Area measuring device. P. L. Tea. 2,179,000; Nov. 7.
Area measuring machine. J. L. Jones. 2,184,157; Dec. 19.
Areaway construction. R. J. Martin. 2,162,628; June 13.
Arm, Artificial. A. F. Carmack. 2,157,747; May 9.
Armchair, Folding. J. B. Adler. 2,155,522; Apr. 25.
Arm construction. J. W. Early. 2,174,693; Oct. 3.
Arm construction, Side. V. W. Todd. 2,143,118; Jan. 10.
Arm device, Supporting. K. H. Ekstrand. 2,184,587; Dec. 26.
Arm holder. F. C. Anderson, Jr. 2,180,270; Nov. 14.
Arm, Loading. L. J. Bishop. 2,146,617; Feb. 7.
Arm rest. W. R. Haines. 2,178,788; Nov. 7.
Arm rest container. H. F. Rehg. 2,160,282; May 30.
Arm rest for fishing poles. C. T. Bowen. 2,158,104; May 16.
Arm rest for motor vehicles. A. P. Fall. 2,184,181; Dec. 19.
Arm, Unloading. L. J. Bishop. 2,146,616; Feb. 7.
Arms for door checks, Releasable holding. D. R. Lasier. 2,182,206; Dec. 5.
Armature and coil winding machine. D. Armstrong 2,173,091; Sept. 19.
Armature brake. R. A. Nevinger. 2,144,416; Jan. 17.
Armature for watt-hour meters, Adjustable damping. S. S. Green. 2,149,288; Mar. 7.
Armature, Motor. F. P. Forss. 2,154,740; Apr. 18.
Armature winding machine. R. Abrams. 2,144,477; Jan. 17.
Armature winding, Split throw. P. Bollinger. 2,182,654; Dec. 5.
Armor for sheaths of electric cables. M. Hochstadter. 2,147,096; Feb. 14.
Armored electrical cable. J. Wertzheiser and H. Charmoy. 2,164,168; June 27.
Armored shoe. H. G. Josephson. 2,151,554; Mar. 21.
Aroma diffusing apparatus. M. W. Merz. 2,144,190; Jan. 17.
Aromatic amines, Production of. H. G. Mow. 2,163,617; June 27.
Arrangement for duplex operation. H. L. Dietrich. 2,144,836; Jan. 24.
Arrangement for suppressing high frequency interference. L. H. Daniel. 2,165,886; July 11.
Arrangement for the composition of characters. M. V. Morrissey. 2,145,946; Feb. 7.
Arrangement to avoid condensation within cold insulations. H. Niemann. 2,151,713; Mar. 28.
Arrester, Hydraulic back-pressure. M. P. De Motte. 2,161,700; June 6.
Arrow. W. E. Sweetland. 2,182,951; Dec. 12.
Arrowhead construction. B. Pearson. 2,182,320; Dec. 5.
Arsenious oxide and product thereof, Inhibiting dusting of. M. F. Perkins. 2,183,337; Dec. 12.
Arseno compounds, Asymmetric. K. Streitwolf, A. Fehrle, and W. Herrmann. 2,161,538; June 6.
Arseno compounds, Asymmetric. K. Streitwolf, A. Fehrle, and W. Herrmann. 2,180,778; Nov. 21.
Art work. H. Henriksen. 2,184,121; Dec. 19.
Article and alloy and their manufacture, Resilient. R. B Wasson and A. V. de Forest. 2,174,171; Sept. 26.
Article and device for making same, Extruded. R. P. Piperoux. 2,161,588; June 6.
Article and forming the same, Coated. R. E. Coleman. 2,185,126; Dec. 26.
Article and making it, Seamed. E. J. Ovington. 2,170,693; Aug. 22.
Article and making, Ornamental. W. F. Schmalz. 2,166,879; July 18.
Article and making same, Upholstered. J. M. Vallone. 2,178,412; Oct. 31.
Article and making the same. W. M. Spencer. 2,177,538; Oct. 24.
Article and making the same. R. N. Wallach and W. L. Morgan. 2,183,948; Dec. 19.
Article and making the same, Composite molded. F. Groff. 2,149,732; Mar. 7.
Article and process for multiplying records. W. D. Foster. Re. 21,204; Sept. 12.
Article and producing same, Composite. W. H. Charch and D. E. Bateman. 2,159,007; May 23.
Article and producing the same. W. M. Spencer 2,152,826; Apr. 4.
Article, Coated hard rubber. A. K. Doolittle. 2,161,024; June 6.
Article collection and delivery box. S. H. Stough. 2,169,855; Aug. 15.
Article container. K. S. Kagen. 2,162,089; June 13.
Article container. G. L. McCann. 2,163,759; June 27.
Article, Decorated. L. J. Most. 2,161,549; June 6.
Article, Decorative. R. Cooley. 2,143,141; Jan. 10.
Article feeder for can making machines. W. F. Butler. 2,175,177; Oct. 10.
Article feeding apparatus. G. A. Maurath and H. D. Leverett. 2,167,049; July 25.
Article for structural and other purposes. R. H. Anderson. 2,151,066; Mar. 21.
Article formed of flexible strip material, Hollow. E. L. Diot. 2,183,475; Dec. 12.
Article handling apparatus. H. R. Gotthardt. 2,146,893; Feb. 14.
Article holder. D. K. Copell. 2,161,854; June 13.
Article, Making a multipiece. G. A. Lyon. 2,162,733; June 20.
Article, Making an. R. F. Warren. 2,169,825; Aug. 15.
Article, Metallic. L. Schlecht and W. Schubardt. 2,159,604; May 23.
Article of apparel. E. F. Alexander. 2,154,059; Apr. 11.
Article of attire. H. C. Underwood. 2,163,718; June 27.
Article of cellulose. A. F. Caprio. 2,143,639; Jan. 10.
Article of footwear. A. A. Glidden. 2,147,197; Feb. 14.
Article of footwear, Making an. E. F. Roberts and A. G. McKinnon. 2,158,153; May 16.
Article of furniture. E. E. Woller. 2,164,438; July 4.
Article of jewelry, Separable. J. Fielding. 2,145,716; Jan. 31.
Article of linen or garment. R. Hönigsberg and O. Ebner. 2,180,758; Nov. 21.
Article of manufacture. J. C. MacIldowie. 2,168,445; Aug. 8.

Article of manufacture and making same. H. C. Forrest. 2,174,576; Oct. 3.
Article of manufacture and making the same. W. R. Seigle. 2,170,434; Aug. 22.
Article of manufacture and producing same. F. K. Bezzenberger. 2,150,671; Mar. 14.
Article of wearing apparel. H. S. Kohler. 2,161,063; June 6.
Article or manufacture and producing same. H. P. Sparkes. 2,176,773; Oct. 17.
Article, Packaged. F. M. Slusar. 2,160,235; May 30.
Article, particularly airscrew blade of laminated wood, and method of manufacture, Pressed. B. Jablonsky. 2,155,375; Apr. 18.
Article, Self-luminous. E. F. Seaman. 2,155,449; Apr. 25.
Article sorting, High speed differentially functioning. L. Day. 2,183,606; Dec. 19.
Article, Threaded hollow. H. A. Unke. 2,156,169; Apr. 25.
Article transfer apparatus for conveyers. A. A. Wegner. 2,156,248; Apr. 25.
Article, Welded. F. Leitner. 2,156,298; May 2.
Article with pouch, Circular knitted. H. H. Holmes. 2,145,197; Jan. 24.
Article, Wrapped. E. F. Cornock. 2,146,940; Feb. 14.
Articles and making same, Polymerized vinyl alcohol. W. O. Herrmann, E. Baum, and W. Haehnel. 2,146,295; Feb. 7.
Articles, Apparatus for cleaning metallic. R. Fritzsche and A. Bauer. 2,163,276; June 20.
Articles, Apparatus for coating. J. H. Flink. 2,171,723 Sept. 5.
Articles, Apparatus for forming bonded granular. R. L. Melton, H. P. Kirchner, and R. C. Benner. 2,150,034; Mar. 7.
Articles, Apparatus for forming composite metal. W. E. McCullough. 2,156,998; May 2.
Articles, Apparatus for forming molded. A. McDonald. 2,167,392; July 25.
Articles, Apparatus for making roll-forged. F. N. Ross, F. L. Scoutten, and J. F. Ferm. 2,150,402; Mar. 14.
Articles, Apparatus for manufacturing plastic. W. Ward. 2,165,671; July 11.
Articles, Applying fluids to and cleaning. R. D. Petre. 2,178,701; Nov. 7.
Articles, Arranging. J. A. Rheinstrom. 2,183,433; Dec. 12.
Articles, as hats, from textile goods, Producing waterproof, form-retaining. H. Siber. 2,162,866; June 20.
Articles, Banding. H. R. Schutz. 2,167,589; July 25.
Articles by dipping, Method of and apparatus for coating. E. T. Ferngren. 2,165,364; July 11.
Articles by means of precoated grain, Making abrasive. A. G. Scutt. 2,164,476; July 4.
Articles by vaporized coating materials, Coating. W. Burkhardt and R. Reinecke. 2,157,478; May 9.
Articles consisting of a band of the helical type, Method and device for making. H. M. E. Du Boscq de Beaumont. 2,179,881; Nov. 14.
Articles containing polymerized styrene, Stabilizing. S. M. Stoesser. 2,142,968; Jan. 3.
Articles, Covering elongated. J. E. Coffin and S. J. Haggan. 2,147,281; Feb. 14.
Articles for defects, Method and apparatus for testing metal. H. C. Knerr and C. Farrow. Re. 21,003; Feb. 14.
Articles for multicolor printing, Registration of. F. and Q. H. Shurley. 2,150,522; Mar. 14.
Articles formed of flexible strip material, Manufacturing hollow. E. L. Diot. 2,151,088; Mar. 21.
Articles, Forming cold-worked. E. S. Cornell, Jr. 2,170,811; Aug. 29.
Articles, Forming laminated shaped. R. W. Camfield. 2,149,507; Mar. 7.
Articles from a stack of such articles, Apparatus for extracting the successive endmost. H. P. Elliott. 2,145,299; Jan. 31.
Articles from aqueous rubber dispersions, Manufacture of. S. B. Neiley. 2,172,400; Sept. 12.
Articles from cellulose, Shaped. W. Becker, O. Bayer, and W. Harz. 2,148,895; Feb. 28.
Articles from plastic materials, Apparatus for the manufacture of. W. J. Miller. 2,160,484; May 30.
Articles from polyvinyl alcohol, Producing homogeneous solid. E. Schnabel. 2,177,612; Oct. 24.
Articles from powdered metals, Manufacture of. G. J. Comstock. 2,162,701; June 20.
Articles from steel alloys, Manufacture of. F. K. Naumann. 2,157,653–4; May 9.
Articles having a pattern extending right through them from materials in powder form, Production of pressed. H. Skolaude. 2,169,665; Aug. 15.
Articles having a variegated composition and an undulated surface and the product thereof, Producing. K. H. Quasebarth. 2,144,388; Jan. 17.
Articles in sorting and like machines, Apparatus for feeding. W. R. Horsfield. 2,160,101; May 30.
Articles in transit, Apparatus for refrigerating. P. Phelps and W. E. Zoeller. 2,154,696; Apr. 18.
Articles in warerooms, and the like, Storing. T. E. Foulkes. 2,174,260; Sept. 26.
Articles in warerooms, Storing. T. E. Foulkes. 2,166,704; July 18.
Articles, Making and covering. O. J. Kuhlke. 2,166,568; July 18.
Articles, Making hardened surface. F. S. Denneen and W. C. Dunn. 2,145,864; Feb. 7.
Articles, Making hollow. W. Scrimgeour. 2,177,192; Oct. 24.
Articles, Making round compound metallic. H. Kretz. 2,177,435; Oct. 24.
Articles, Manufacture of extruded. H. A. Anderson. 2,177,681; Oct. 31.
Articles, Manufacture of molded, waterlaid fiber. M. O. Schur. 2,159,638; May 23.
Articles, Manufacturing. A. J. Hixon. 2,156,692; May 2.
Articles, Manufacturing hollow glass. W. P. Zimmerman and M. K. Holmes. 2,149,246; Feb. 28.
Articles, Manufacturing sheet metal. G. A. Lyon. 2,163,005; June 20.
Articles, Marking. F. Autem. 2,177,615; Oct. 24.
Articles, Method and apparatus for packaging. L. L. Salfisberg. 2,180,966; Nov. 21.
Articles, Method of and apparatus for forming. E. Wensley. 2,146,868; Feb. 14.
Articles, Method of and apparatus for making. V. D. Barker. 2,183,635; Dec. 19.
Articles molded from cellulosic fibrous pulp, Manufacture of. I. B. Berghoff. 2,161,224; June 6.
Articles of clay, Apparatus for manufacturing porous. A. Nielsen. 2,151,932; Mar. 28.
Articles of Hadfield manganese steel, Producing. E. B. Welch. 2,152,006; Mar. 28.
Articles of highly polymeric compounds, Manufacture of shaped. O. Hauffe. 2,154,203; Apr. 11.
Articles of iron, Producing aluminum treated. M. G. Whitfield and V. Sheshunoff. 2,167,701; Aug. 1.
Articles of rubber, Manufacture of hollow. J. A. Hagen. 2,153,184; Apr. 4.
Articles, Producing molded rubber. M. Carter. 2,161,281; June 6.
Articles, Production of hollow. E. A. Murphy, G. W. Trobridge, and J. A. Andrews. 2,167,724; Aug. 1.
Articles, Production of metal. A. R. Walton. 2,143,336; Jan. 10.
Articles to alloy constituents metals, Treating metal. C. G. Fink and P. Deren. 2,156,262; May 2.
Articles, Treating dipped rubber. J. R. Gammeter. 2,163,784; June 27.
Articles, Treating hollow glass. O. G. Burch. 2,154,490; Apr. 18.
Articles under heat and pressure, Producing molded. V. H. Turkington. 2,183,857; Dec. 19.
Articles with a cell-like surface, Providing cast-iron. J. W. Howlett. 2,151,972; Mar. 28.
Articles with fluidic material, Mechanism for impregnating. E. L. Miller. 2,165,936; July 11.
Articles with polymerized adhesives, Bonding of composite. G. I. Clapp. 2,153,660; Apr. 11.
Articles with pouches. Manufacture of circular knitted. H. H. Holmes. 2,163,557; June 20.
Articles with rubber, Lining hollow. H. M. Lodge. 2,149,991; Mar. 7.
Articles, Wrapping. W. B. Bronander. 2,182,113; Dec. 5.
Articulated car. M. P. Blomberg. 2,158,062; May 16.
Articulated mechanism for the transmission of movement. F. R. Ibañez. 2,159,896; May 23.
Articulator. M. Galetti. 2,180,673; Nov. 21.
Articulator. J. W. Guinn. 2,148,692; Feb. 28.
Articulator, Dental. R. A. Pittman and J. A. Gardner. 2,164,144; June 27.
Artificial ankle joint. W. F. Kaiser. 2,183,076; Dec. 12.
Artificial lure. J. H. Hayes. 2,167,335; July 25.
Artificial structure and making same, Regenerated. L. Lilienfeld. 2,176,799; Oct. 17.
Artificial tooth holder. A. Martin. 2,184,977; Dec. 26.
Artist's equipment. M. M. Kándle. 2,180,059; Nov. 14.
Aryl mercaptans, Preparing. J. E. Cole. 2,148,106; Feb. 21.
Arylamino-aryloxy-hydroxy-anthraquinones. E. C. Buxbaum. 2,151,634; Mar. 21.
Arylamino-derivatives of 2,4-dinitro phenol. E. C. Britton, F. B. Smith, J. E. Livak, and W. W. Sunderland. 2,158,956; May 16.
Arylides, Sulphonated. L. H. Flett. 2,166,949; July 25.
Arylnitroalkanols, Preparation of. J. Kamlet. 2,151,517; Mar. 21.
Asbestos and cement products, Making. E. W. Rembert and D. Bertogliat. 2,182,353; Dec. 5.
Ash disposal means. G. M. Peltz. 2,182,093; Dec. 5.
Ash-forming constituents from a residual petroleum oil, Removing. F. M. Archibald. 2,157,315; May 9.
Ashpan. S. J. Hogan. 2,162,579; June 13.
Ash receiver. R. F. De Boer. 2,149,207–8; Feb. 28.
Ash receiver. D. Heller. 2,142,647; Jan. 3.
Ash receiver. J. Visser. Re. 21,118; June 13.
Ash receiver. J. Visser. 2,159,061; May 23.
Ash receiver and cigarette extinguisher, Combined. J. G. Thomas. 2,146,489; Feb. 7.
Ash receiver, Gear shift lever. A. J. K. Wallace. 2,160,348; May 30.
Ash receiver, Removable. R. C. Jacobs. 2,174,244; Sept. 26.
Ash receiver, Sliding. R. F. De Boer. Re. 21,080; May 16.
Ash-receiving attachment for restaurant tables. C. N. Paleologos. 2,182,947; Dec. 12.

Ash receiving container. J. Visser. 2,159,062; May 23.
Ash remover for furnaces, Automatic. L. Schwitzer and J. Roland. 2,176,563; Oct. 17.
Ash removing device. J. Martin. 2,160,026; May 30.
Ash trap. W. J. Groth. 2,166,291; July 18.
Ashtray. G. E. Bench, Jr. 2,179,081; Nov. 7.
Ashtray. R. W. Cotton. 2,165,885; July 11.
Ashtray. C. C. Crawford. 2,175,956; Oct. 10.
Ashtray. R. M. Del Orsinee. 2,182,916; Dec. 12.
Ashtray. H. G. Dyke. 2,184,994; Dec. 26.
Ashtray. R. E. Gordenier. 2,165,544; July 11.
Ashtray. P. Laracine. 2,144,188; Jan. 17.
Ashtray. J. Raisler. 2,166,021; July 11.
Ashtray. H. J. Thomas. 2,161,109; June 6.
Ashtray. G. Weiske. 2,183,375; Dec. 12.
Ashtray and cigarette extinguisher. N. M. Cameron. 2,171,489; Aug. 29.
Ashtray and cigarette extinguisher. E. Harper. Re. 21,303; Dec. 19.
Ashtray and holder, Cigarette. H. P. Ryan. 2,156,738; May 2.
Ashtray and the like. W. A. Welden. 2,147,586; Feb. 14.
Ashtray attachment. A. A. Kickhofel. 2,154,335; Apr. 11.
Ashtray for smoker's use. D. Lazaridés. 2,145,517; Jan. 31.
Ashtray, Mobile. E. H. Barbe. 2,183,419; Dec. 12.
Ashtray with extinguisher for cigarettes or cigars. F. Vajda. 2,156,906; May 2.
Ashes, Device for removing. G. Schwabach. 2,153,276; Apr. 4.
Asparagus sorting machine. J. Albertoli. 2,155,378; Apr. 25.
Asparagus trimming machine. F. W. Fetterman. 2,144,567; Jan. 17.
Asphalt emulsions and making same. A. L. Halvorsen. 2,157,698; May 9.
Asphalt laying apparatus. F. Jiedicke. 2,170,330; Aug. 22.
Asphalt, Manufacture of. J. B. Heid. 2,154,746; Apr. 18.
Asphalt, Manufacture of. E. B. McConnell. 2,148,869; Feb. 28.
Asphalt, Preparation of. C. H. Whitacre. 2,179,988; Nov. 14.
Asphalt, Preparing oxidized. P. Subkow. 2,172,821; Sept. 12.
Asphaltic coating and protecting pipe lines with same. L. B. Beckwith. 2,158,772; May 16.
Asphaltic product and producing same. P. L. Smith, V. L. Shipp, and A. H. Boenau. 2,144,694; Jan. 24.
Asphaltic sand rock composition and producing same. G. J. Hines. 2,162,720; June 20.
Asphalts, Manufacture of improved. R. E. Burk and C. H. Whitacre. 2,179,208; Nov. 7.
Aspirator arrangement. R. A. Gulick. 2,169,640; Aug. 15.
Aspirator assembly. L. F. Whitney. 2,169,626; Aug. 15.
Assemblies, Apparatus for stitching. H. W. Faeber. 2,152,137; Mar. 28.
Assembling instrument for piling. J. S. Miller and B. E. Rhoads. 2,161,482; June 6.
Assembling machine. F. L. Darling. 2,175,744; Oct. 10.
Assembling tool. R. R. Nydegger. 2,172,847; Sept. 12.
Assembly. S. E. Werner and C. F. Mathisen. 2,183,600; Dec. 19.
Assist strap. L. F. Schmidt. 2,163,106; June 20.
Atomizer. W. S. Bowen. 2,159,201; May 23.
Atomizer. A. J. Loepsinger. 2,173,072; Sept. 12.
Atomizer. R. H. Seaman and A. Monk. 2,159,407; May 23.
Atomizer, Centrifugal. H. A. Kjos. 2,157,416; May 9.
Atomizer for liquid with pressure pump constructed as flat extensible vessel. H. Maltner. 2,143,079; Jan. 10.
Atomizer for liquids. J. Kampschulte. 2,154,941; Apr. 18.
Atomizer for liquids. F. Salsas-Serra. 2,166,772; July 18.
Atomizer for liquids in general and in particular for liquid fuels. P. Pulidori. 2,153,024; Apr. 4.
Atomizer, Leakproof. F. W. Lohse. 2,149,611; Mar. 7.
Atomizer or dispersing device. H. Schlagintweit. 2,161,235; June 6.
Atomizer or sprayer. R. C. Seyforth. 2,176,642; Oct. 17.
Atomizer, Pocket. R. C. Seyforth. 2,162,756; June 20.
Atomizer, Vacuum. A. L. Swengel. 2,175,675; Oct. 10.
Atomizer. Wide range. G. P. Haynes and S. Letvin. 2,177,780; Oct. 31.
Atomizing device. D. Hoppenstand. 2,147,603; Feb. 14.
Attaching device for bag frame fasteners. H. J. Murphy. 2,159,445; May 23.
Attaching mechanism. M. L. Bowen. 2,161,404; June 6.
Attachment assembly for liquid coolers. R. Berry. 2,156,834; May 2.
Attachment for bag-filling tubes. A. Tangdall. 2,154,920; Apr. 18.
Attachment for brush handles, Grip. E. D. Lukenbill. 2,179,266; Nov. 7.
Attachment for carton stitching machines. J. K. Wickliffe. 2,182,189; Dec. 5.
Attachment for circular knitting machines, Added thread-feeding. C. A. Fenstermacher. 2,160,614; May 30.
Attachment for clothes wringers. J. Dougherty, Sr. 2,179,590; Nov. 14.
Attachment for collapsible tubes. A. H. Jung. 2,161,516; June 6.
Attachment for condensed milk, Pouring. L. J. Gauvreau. 2,176,256; Oct. 17.
Attachment for cultivators. A. J. Meeks. 2,179,596; Nov. 14.
Attachment for cutter grinders. R. K. Le Blond. 2,164,212; June 27.
Attachment for cutter grinders. R. K. Le Blond. 2,182,231; Dec. 5.
Attachment for electrical apparatus. P. E. Hamilton. 2,154,160; Apr. 11.
Attachment for faucets, Fountain. J. P. Brunetti. 2,171,471; Aug. 29.
Attachment for fishing lines. C. Fernstrom. 2,181,317; Nov. 28.
Attachment for grinding machines. H. W. Miller. 2,183,686; Dec. 19.
Attachment for headlights. F. L. Slizinsky and I. F. Elder. 2,175,766; Oct. 10.
Attachment for heating stoves, Hot blast cooking. J. A. Underwood. 2,159,576; May 23.
Attachment for lawn mowers. W. Bishir. 2,172,786; Sept. 12.
Attachment for line casting machines. L. C. Geissel. 2,180,410; Nov. 21.
Attachment for melting furnaces. C. A. Barlow. 2,144,699; Jan. 24.
Attachment for milk pails, Leg-gripping. W. B. Stevens. 2,184,106; Dec. 19.
Attachment for milling or other machines. V. Palumbo. 2,183,166; Dec. 12.
Attachment for motor vehicles, Antisideslipping. H. L. Norton. 2,179,515; Nov. 14.
Attachment for paint cans or the like. L. Eisenberg. 2,180,581; Nov. 21.
Attachment for photocopy machines. E. R. Sabel. 2,179,164; Nov. 7.
Attachment for power razors, Hair retaining. R. T. and H. V. Hogg. 2,180,738; Nov. 21.
Attachment for rib-knitting machines, Loop-cutting. C. E. Spicher and F. W. Robinson. 2,167,534; July 25.
Attachment for road machines, Slope finisher. J. P. Burns. 2,173,407; Sept. 19.
Attachment for shoes, Antislipping. E. D. Gibb. 2,171,692; Sept. 5.
Attachment for shoes, Nonslip. A. Schulman. 2,175,034; Oct. 3.
Attachment for shoe stretchers. J. Romano. 2,183,106; Dec. 12.
Attachment for smoking appliances. C. P. Nash, Jr. 2,184,054; Dec. 19.
Attachment for steering gears of motor vehicles. A. F. Woida. 2,159,644; May 23.
Attachment for tapering bodies, Soldering. A. M. Cameron. 2,179,479; Nov. 14.
Attachment for tractors and the like. H. A. Hutchins. 2,171,792; Sept. 5.
Attachment for typewriters. F. W. Vollans. 2,154,058; Apr. 11.
Attachment for washing machines. G. B. Keil. 2,164,070; June 27.
Attachment for winding taper ended packages. E. G. Hill and W. A. Seem. 2,154,847; Apr. 18.
Attachment for wire stretchers, Pay out. H. Bastian. 2,143,295; Jan. 10.
Attachment, Interchangeable. B., I., and S. Darvie. 2,169,461; Aug. 15.
Attachment means for digging teeth and excavating buckets and the like. N. H. Reynolds. 2,145,663; Jan. 31.
Attachment plug. A. Boggild. 2,178,417; Oct. 31.
Attachment plug. A. Brownstein. 2,169,219; Aug. 15.
Attachment plug. N. Chirelstein. 2,181,575–6; Nov. 28.
Attachment plug. A. E. Grant. 2,145,596; Jan. 31.
Attachment plug. J. P. Ogle. 2,151,226; Mar. 21.
Attachment to cultivators. R. A. Burke. 2,178,469; Oct. 31.
Attachment to typewriter keys. L. Munoz. 2,171,470; Aug. 29.
Attachment to wire cables, Securing. R. Tondeur. 2,171,280; Aug. 29.
Attenuation or gain control system, Variable. F. V. Becker. 2,182,192; Dec. 5.
Attenuator, Variable. E. L. Gove. 2,167,237; July 25.
Attitude control means for aircraft. A. Protzen. 2,162,862; June 20.
Attrition mill. G. F. Ainsa. 2,171,525; Sept. 5.
Audio amplifier circuit. S. Hunt. 2,153,756; Apr. 11.
Audio frequencies, Method and device for reducing and increasing. L. Gabrilovitch. 2,170,751; Aug. 22.
Audiometer. W. H. Huth and J. R. Cubert. 2,156,945; May 2.
Audiphone. T. J. Carlson. 2,148,233; Feb. 21.
Audiphone. A. S. Craig. 2,179,615; Nov. 14.
Audiphone, Bone conduction. H. Koch. 2,144,458; Jan. 17.
Audiphone, Bone conduction. H. Koch. 2,148,477; Feb. 28.
Audiphone, Bone conduction. H. Koch. 2,165,710; July 11.
Audition apparatus, Bone. H. Koch. 2,148,024; Feb. 21.
Auger, Chained-head. W. D. Osborn. 2,181,306; Nov. 28.

Auger, Expanding. S. G. Ruddell and T. Fraser. 2,176,410; Oct. 17.
Auto cooling unit, Self-contained. D. B. Dewey. 2,184,833; Dec. 26.
Auto direction signal. H. W. Shelly. 2,149,125; Feb. 28.
Auto jack, Bumper type. W. C. Tyler. 2,155,157; Apr. 18.
Auto signal. L. H. Hendrickson. 2,147,404; Feb. 14.
Autoclave. C. A. Menzel. 2,165,935; July 11.
Autoclave and accessory therefor. I. N. Beall, and J. B. and E. B. Wise. 2,145,679; Jan. 31.
Auto-diagraph for ball games. A. B. White. 2,149,325; Mar. 7.
Automatic air coupling. C. C. Montgomery and C. Johnson. 2,159,906; May 23.
Automatic bed light. O. J. Daigle. 2,185,051; Dec. 26.
Automatic check and shut-off valve. J. R. Polston. 2,171,190; Aug. 29.
Automatic check valve. O. H. Dorer. 2,174,153; Sept. 26.
Automatic choke valve. J. E. Eshbaugh. 2,154,086; Apr. 11.
Automatic choke valve. R. F. Holmes and L. M. Crabb. 2,154,090; Apr. 11.
Automatic clutch. H. Nutt. 2,164.540; July 4.
Automatic clutch. H. Nutt. 2,176.224; Oct. 17.
Automatic clutch. F. H. Wetmore. 2,159,956; May 23.
Automatic control clutch. J. Elliott and E. E. Garner. 2,152,733; Apr. 4.
Automatic diaphragm press. R. W. Stanley. 2,172,002; Sept. 5.
Automatic door lock. C. L. Crooks. 2,181,393; Nov. 28.
Automatic draft regulator. D. F. Jones. 2,176,217; Oct. 17.
Automatic draft regulator. C. D. Montague. 2,170,728; Aug. 22.
Automatic draft regulator. P. Reichert. 2,174,277; Sept. 26.
Automatic draft regulator. J. Schultz. 2,184,228; Dec. 19.
Automatic drain valve. B. S. Aikman. 2,173,926; Sept. 26.
Automatic fading control circuit. F. Klutke. 2,151,120; Mar. 21.
Automatic fish trap. S. J. Zonn. 2,144,175; Jan. 17.
Automatic flow cap. S. E. Tobey. 2,168.179; Aug. 1.
Automatic fluid trap. C. M. Willis. 2,145,783; Jan. 31.
Automatic frequency control circuit. R. E. Schock. 2,172,456; Sept. 12.
Automatic frictional clutch. A. C. Peterson. 2,178,050; Oct. 31.
Automatic gate. P. F. Danel. 2,160,959; June 6.
Automatic hydraulic clutch. J. R. Hyde. 2,153,372; Apr. 4.
Automatic load lock. H. B. Bryson. 2,159,421; May 23.
Automatic lubricator. B. G. Capra. 2,178.335; Oct. 31.
Automatic mechanism, Time clock controlled. J. H. Grayson. 2,166,683; July 18.
Automatic pressure release ratchet wrench. C. A. Latimer. 2,179,855; Nov. 14.
Automatic reel. F. M. Littell. 2,161,228; June 6.
Automatic regulator. A. L. Berger. 2,148,230; Feb. 21.
Automatic separator. C. W. Herrin. 2,155,489; Apr. 25.
Automatic shaver indicator. H. F. Gundlach. 2,148,426; Feb. 28.
Automatic temperature regulator. E. L. Berks. 2,172,828; Sept. 12.
Automatic valve. H. L. Beekley and J. G. Whiting. 2,158,715; May 16.
Automatic valve. J. I. Hill, L. M. Hathaway, and O. B. Newberry. 2,177,278; Oct. 24.
Automatic valve. T. Kramer. 2,174,057; Sept. 26.
Automatic voltage regulator. M. Debrey. 2,165,887; July 11.
Automatic volume control circuit. D. E. Foster. 2,183,609; Dec. 19.
Automatic wrench. P. E. Fleming. 2,153,828; Apr. 11.
Automobile. W. Boxan. 2,171,469; Aug. 29.
Automobile. J. Haltenberger. Re. 21,138; July 4.
Automobile. R. E. Johnson. 2,167,929; Aug. 1.
Automobile. V. W. Kliesrath. 2,160,271; May 30.
Automobile. W. L. Morrison. 2.171,801; Sept. 5.
Automobile. O. Siebler. 2,162,320; June 13.
Automobile. E. T. Turner. 2.152.573; Mar. 28.
Automobile accessory. G. H. Garrison. 2,174,876; Oct. 3.
Automobile accessory. C. A. McDowell and L. J. Smith. 2,156,432; May 2.
Automobile accessory and making same. R. Blaho. 2,174,549; Oct. 3.
Automobile, Ambulance. H. T. Nicou. 2,145,523; Jan. 31.
Automobile body. J. Tjaarda. 2,160,097–8; June 27.
Automobile body construction. C. L. Waterhouse, Jr. 2,165.594; July 11.
Automobile body, Convertible. J. Falcon. 2,169,340; Aug. 15.
Automobile body heater. E. Ludlow and E. C. Booth. 2,153,120; Apr. 4.
Automobile body repairing appliance. I. A. Weaver. 2,151,063; Mar. 21.
Automobile brake. N. M. Lower. 2,178,144; Oct. 31.
Automobile clutch. W. S. Wolfram. 2,146,042–3; Feb. 7.
Automobile clutch. W. S. Wolfram. 2,154,117; Apr. 11.
Automobile clutch. W. S. Wolfram. 2,182,999; Dec. 12.
Automobile construction. H. Brewster. 2,164,150; June 27.
Automobile control appliance. E. H. Lange. 2,183,354; Dec. 12.
Automobile direction indicator. R. Atti. 2,157,317; May 9.
Automobile direction indicator. R. J. Gorman and W. J. McInnch. 2,176,378; Oct. 17.
Automobile driver's instant foot control. V. Pomernacki. 2,167,959; Aug. 1.
Automobile dump body and hoist. E. R. Barrett. 2,162,831; June 20.
Automobile, Flying. T. B. Holliday. 2,156,288; May 2.
Automobile frame. N. T. Dietrich. 2,174,915; Oct. 3.
Automobile frame. I. G. Eklund. 2,173,516; Sept. 19.
Automobile frame. R. H. Wallace. 2,173,525; Sept. 19.
Automobile frame. A. V. Zuver. 2,172,885; Sept. 12.
Automobile frame mounting. A. F. Mapes. 2,142,613; Jan. 3.
Automobile heater. P. Brown. 2,179,322; Nov. 7.
Automobile heater. W. Karsel. 2,165,269; July 11.
Automobile heater. H. J. D. McCollum and T. F. Spackman. 2,177,114; Oct. 24.
Automobile heater. N. Triplett. 2,176,282; Oct. 17.
Automobile heater. A. Vang. 2,143,964; Jan. 17.
Automobile-hood lock. M. Carver. 2,168,973; Aug. 8.
Automobile jack. J. M. De Nault. 2,169,913; Aug. 15.
Automobile jack. E. E. Gottman. 2,147,837; Feb. 21.
Automobile jack. H. O. Haferkorn. 2,149,248; Feb. 28.
Automobile jack. E. M. Pfauser. 2,164,621; July 4.
Automobile jack. J. W. Skroback. 2,184,061; Dec. 19.
Automobile jack. F. F. Weller. 2,160,770; May 30.
Automobile latch. A. A. Kraft. 2,184,388; Dec. 26.
Automobile license holder. L. A. Schupbach. 2,147,560; Feb. 14.
Automobile lighting device. O. H. Underdorfel. 2,164,149; June 27.
Automobile lock. V. L. Gilpin. 2,169,796; Aug. 15.
Automobile lock. H. S. Jandus. 2,158,455; May 16.
Automobile lock. S. P. Peterson. 2,152,565; Mar. 28.
Automobile marker lock. J. R. Purvis. 2,183,266; Dec. 12.
Automobile parking device. G. Solomon. 2,180,127; Nov. 14.
Automobile protective device. A. L. McGregor. 2,162,099–100; June 13.
Automobile recording device. W. F. Barcraft. 2,142,103; Jan. 3.
Automobile roof. M. S. Randall. 2,147,059; Feb. 14.
Automobile running gear. S. A. Snell. 2,172,811; Sept. 12.
Automobile seat, Convertible. P. R. Liptak. 2,145,987; Feb. 7.
Automobile securing device. J. McMullen. 2,178,693; Nov. 7.
Automobile service apparatus. L. L. Smalley. 2,173,597; Sept. 19.
Automobile signal. W. Hargrave. 2.168,673; Aug. 8.
Automobile signal switch. R. Markham. 2,182,029; Dec. 5.
Automobile steering wheel. P. E. Erickson. 2,184,588; Dec. 26.
Automobile steering wheel. T. M. Ragan. 2,168,961; Aug. 8.
Automobile supporting means. W. S. Helmer. 2,165,376; July 11.
Automobile towing device. E. W. and E. W. Holmes, Jr. 2,183,478; Dec. 12.
Automobile transmission. L. W. Chilton. 2,147,524; Feb. 14.
Automobile-type lamp. R. W. Johnson. 2,156,947; May 2.
Automobile vehicle. G. Bunau-Varilla. 2,168,108; Aug. 1.
Automobile vehicle. O. Hacker. 2,161,760; June 6.
Automobile visor bracket. R. C. Jacobs. 2,156,091; Apr. 25.
Automobile wheel. A. Dias. 2,174,822; Oct 3.
Automobiles and like vehicles, Suspension of. G. W. Bell. 2,150,576; Mar. 14.
Automobiles, Attachment for. C. W. De Porter. 2,170.552; Aug. 22.
Automobiles in freight cars, Supporting and elevating. E. W. Henry and T. H. Everett. 2,164.456; July 4.
Automobiles, Preventing theft of. J. L. Osgood. 2,164,076; June 27.
Automobiles with rear engines, Rear part of. M. Klavik. 2,175,528; Oct. 10.
Automotive body and storage locker construction. F. Biszantz. 2,146,106; Feb. 7.
Automotive brake. T. P. Chase. 2,146,009; Feb. 7.
Automotive control. R. S. Sanford. 2,175,219; Oct. 10.
Automotive device. G. Eaton. 2,161,287; June 6.
Automotive mechanism. F. C. Reilly, P. M. Carter, and D. F. Linsley. 2,161,088; June 6.
Automotive multiwheel vehicle. L. R. Buckendale. 2,168,970; Aug. 8.
Automotive trailer coupling. J. C. Browne. 2,168,058; Aug. 1.
Automotive vehicle. H. N. Durham. 2,154,497; Apr. 18.
Automotive vehicle. N. H. Nelson. 2,155,147; Apr. 18.
Automotive vehicle. H. K. Reinoehl and D. G. Renno. 2,154,011; Apr. 11.
Automotive vehicle. L. H. Vanderwerf. 2,174,493; Sept. 26.

Auxiliary unit for operating power plants. G. B. Warren. 2,149,107; Feb. 28.
Averaging device for observation instruments. T. L. Thurlow. 2,162,767; June 20.
Awning. G. A. Houseman. Re. 20,975; Jan. 10.
Awning. A. T. Matthews. Re. 21,053; Apr. 18.
Awning. M. S. Tyson. 2,168,811; Aug. 8.
Awning blind. H. Ruscher. 2,168,046; Aug. 1.
Awning for automobiles. C. Peckat. 2,180,909; Nov. 21.
Awning, Lateral arm. F. A. Anton. 2,144,827; Jan. 24.
Awning, Window screen. M. P. Burke. 2,179,541; Nov. 14.
Ax handle. R. B. Montgomery. 2,182,031; Dec. 5.
Axe handle fastening. H. E. Fulton. 2,155,893; Apr. 25.
Axle. B. H. Urschel. 2,148,714; Feb. 28.
Axle and housing construction. R. J. Brittain, Jr. 2,184,578; Dec. 26.
Axle and making same. J. H. Friedman. 2,165,472; July 11.
Axle and oiling the same, Speed change. C. E. Starr. 2,178,900; Nov. 7.
Axle arrangement for motor-driven vehicles. M. Wagner. 2,169,670; Aug. 15.
Axle assembly, Drive. D. D. Ormsby. 2,180,962; Nov. 21.
Axle, Automotive drive. G. W. Carlson and R. C. Russell. 2,147,144–6; Feb. 14.
Axle drive for generators. C. W. Spicer. 2,160,445; May 30.
Axle, Driving. W. F. Double and A. P. Armington. 2,147,285; Feb. 14.
Axle, Dual ration drive. L. R. Buckendale. 2,183,667; Dec. 19.
Axle for motor vehicles, Pivoted. H. Pinard. 2,154,957; Apr. 18.
Axle for steel farm trucks, Pivotal. D. W. Voorhees, Jr. 2,145,675; Jan. 31.
Axle for trucks, Tandem. C. J. Patterson. 2,185,062; Dec. 26.
Axle hook-up, Tandem. W. J. Hyatt. 2,150,604; Mar. 14.
Axle housing. R. H. Wallace and E. Riemenschneider. 2,153,287; Apr. 4.
Axle housing and making same. W. E. Schirmer. 2,167,088; July 25.
Axle housing and making the same. C. Spatta. 2,151,948; Mar. 21.
Axle housings, Making. G. Spatta. 2,178,350; Oct. 31.
Axle housings, Rolling banjo type. G. Spatta. 2,160,179; May 30.
Axle lubricator. F. Pesarese. 2,166,606; July 18.
Axle mounting and driving mechanism for the driving wheels of multiple axle motor road vehicles. O. D. North. 2,165,723; July 11.
Axle of motor and other vehicles, Frame and wheel. P. G. Rose. 2,172,177; Sept. 5.
Axle straightener. W. J. Johnston. 2,142,850; Jan. 3.
Axle, Trailer. R. C. Townsend. 2,155,156; Apr. 18.
Axle, Two-speed rear. D. D. Ormsby. 2,152,771; Apr. 4.
Axle, Vehicle. T. H. Jacob. 2,155,939; Apr. 25.
Axle, Vehicle. H. M. Northrup, A. E. Bartz, and R. H. Whisler. 2,176,978; Oct. 24.
Azo compound. A. R. Murphy and H. Jordan. 2,182,347; Dec. 5.
Azo compounds. J. G. McNally and J. B. Dickey. 2,150,180; Mar. 14.
Azo compounds. J. G. McNally and J. B. Dickey. 2,176,505; Oct. 17.
Azo compounds. F. Mietzsch and J. Klarer. 2,148,705; Feb. 28.
Azo compounds. F. Mietzsch and J. Klarer. 2,148,910; Feb. 28.
Azo compounds and coloring therewith. J. G. McNally, J. B. Dickey, and W. H. Zugschwerdt. 2,171,159; Aug. 29.
Azo compounds and coloring therewith. J. G. McNally and J. B. Dickey. 2,180,012; Nov. 14.
Azo compounds and coloring therewith. J. G. McNally and J. B. Dickey. 2,183,997–9; Dec. 19.
Azo compounds and producing the same, Heterocyclic. A. Binz and O. von Schickh. 2,156,141; Apr. 25
Azo compounds of high molecular weight. K. Koeberle 2,163,950; June 27.
Azole series, Producing compounds of the. W. Zerweck and E. Schwamberger. 2,148,920; Feb. 28.
B-methyl acrolein, Preparation of. C. T. Kautter. 2,171,727; Sept. 5.
BX cable cutter. R. C. Bowen. 2,153,510; Apr. 4.
Baby bathing and dressing stand, Foldable. R. B. Bukolt. 2,178,468; Oct. 31.
Baby chair. F. M. Cobb. 2,168,513; Aug. 8.
Baby walker and carriage, Collapsible. M. Sacheroff. 2,179,275; Nov. 7.
Backdraft diverter. F. B. Peters. 2,165,811; July 11.
Back pressure arrester, Hydraulic. C. Ness. 2,157,914; May 9.
Backstay for loom reeds. W. M. Wattie. 2,161,787; June 13.
Backstop apparatus, Basketball. E. F. Hoppes, F. C. Garratt, Jr., and W. B. Evans. 2,162,085; June 13.
Back-up stand. A. C. Van Bolt. 2,177,168; Oct. 24.
Backed roll mill. G. Catulle. 2,181,173; Nov. 28.
Bacteria and the like, Device for counting. S. P. Sparks. 2,157,438; May 9.

Bactericidal agent and composition obtained from reaction of meta-dihydroxybenzene and gum camphor, Preparing a. M. S. Glauser. 2,174,976; Oct. 3.
Bactericide, Stabilized. W. G. Christiansen. 2,176,890; Oct. 24.
Bacteriological digester for conversion of organic waste. G. H. Earp-Thomas. 2,178,818; Nov. 7.
Badge. H. W. Draper and J. C. Day. 2,145,296; Jan. 31.
Badge. O. E. Hacker. 2,177,406; Oct. 24.
Badge plate and pin assembly, Solderless. C. Prissmeyer. 2,153,157; Apr. 4.
Badminton bird. R. T. Collier. 2,163,236; June 20.
Baffle construction for air valves. H. B. Ahlberg. 2,144,097; Jan. 17.
Baffle, Oil. A. C. Hess. 2,163,490; June 20.
Baffle plate for mufflers. B. G. Robbins. 2,179,054; Nov. 7.
Baffled mercury switch. J. H. Staley. 2,182,216; Dec. 5.
Bag: *See*—

Carry bag.	Self-closing bag.
Clothespin bag.	Shoe bag.
Clothing bag.	Shopping bag.
Dressing bag.	Sleeping bag.
Garment bag.	Striking bag.
Golf bag.	Tea bag.
Harvester bag.	Tea or coffee bag.
Heat bag.	Toy punching bag.
Ice and the like bag.	Traveling bag.
Interchangeable utility bag	Valve bag.
Paper bag.	Vacuum cleaner bag.
Punching bag.	Vegetable bag.
Record bag.	

Bag. M. M. Davenport. 2,164,641; July 4.
Bag. P. Mathiesen. 2,165,869; July 11.
Bag. E. B. Nathan. 2,144,266; Jan. 17.
Bag. H. H. Orr. 2,151,523; Mar. 21.
Bag. W. A. Plummer, Jr. 2,150,985; Mar. 21.
Bag. W. E. Scott. 2,179,864; Nov. 14.
Bag. M. Wagner. 2,169,936; Aug. 15.
Bag. R. J. Williams. 2,157,392; May 9.
Bag and making same. D. Schmidt. 2,149,872; Mar. 7.
Bag-closing apparatus. J. D. Merrifield. 2,171,130; Aug. 29.
Bag closing apparatus. F. F. Zeier. 2,146,279; Feb. 7.
Bag closing device. H. Kluger. 2,142,764; Jan. 3.
Bag closing machine. C. F. Allison. 2,154,715; Apr. 18.
Bag closing machine. R. N. Cundall. 2,175,557; Oct. 10.
Bag closure means. G. C. Nydegger. 2,142,330; Jan. 3.
Bag closing unit, Filled. N. V. Christensen. 2,156,526; May 2.
Bag, coffee bag, and the like, Tea. R. N. Doble. 2,147,831; Feb. 21.
Bag, coffee bag, and the like, Tea. R. N. Doble. 2,157,656; May 9.
Bag-condition indicator for suction cleaners. D. G. Smellie. 2,174,604; Oct. 3.
Bag construction. A. Klass. 2,152,745; Apr. 4.
Bag construction, Paper. H. A. Wolf. 2,172,555; Sept. 12.
Bag containing beverage material. H. Cross. 2,143,302; Jan. 10.
Bag filler, Automatic weighing. J. A. Cook. 2,181,756; Nov. 28.
Bag filling and weighing machine. J. M. Low. 2,160,746; May 30.
Bag filling device. J. J. and H. G. Neuman. 2,156,224; Apr. 25.
Bag filling device. J. J. and H. G. Neuman. 2,159,858; May 23.
Bag filling machine. A. S. Chandler. 2,173,409; Sept. 19.
Bag filling machine. A. Krasa. 2,155,196; Apr. 18.
Bag for vacuum cleaners, Dust. N. Berman. 2,171,909; Sept. 5.
Bag frame. B. Blacher. 2,158,955; May 16.
Bag frame jaw for luggage carriers. B. and P. Platt. 2,184,848; Dec. 26.
Bag frame locking device. H. J. Murphy. 2,147,951; Feb. 21.
Bag handles and bags combined therewith, Manufacture of. W. H. Stark. 2,150,043; Mar. 7.
Bag handling mechanism. G. Long. 2,181,603; Nov. 28.
Bag holder. P. P. Barker and J. J. Smuczynski. 2,172,529; Sept. 12.
Bag holder. F. P. Noffsinger. 2,162,113; June 13.
Bag holder, Paper. J. W. Blackwell. 2,146,327; Feb. 7.
Bag hook. M. M. Rodin. 2,169,127; Aug. 8.
Bag of paper or other material, Multiwall. E. Hoppe and K. Johnsson. 2,176,499; Oct. 17.
Bag making machine. A. Potdevin. 2,182,002; Dec. 5.
Bag manufacture. T. M. Avery. 2,179,464; Nov. 7.
Bag manufacture. W. H. Engel. 2,146,946; Feb. 14.
Bag manufacture. A. Novick. 2,147,856; Feb. 21.
Bag-opening machine. A. McCallum. 2,183,081; Dec. 12.
Bag or the like of composite materials. W. W. Rowe. 2,142,656; Jan. 3.
Bag pressure indicating device for suction cleaners. Q. Berg. 2,179,808; Nov. 14.
Bag pressure indicator for suction cleaners. D. C. Gerber. 2,184,421; Dec. 26.
Bag sealing. W. R. Kohl. 2,177,492; Oct. 24.
Bag sealing machine. C. T. Hayes. 2,163,278; June 20.
Bag sealing machine. W. R. Kohl. 2,166,761; July 18.
Bag, Shopping. H. K. Steen. Re. 21,228; Oct. 3.

Bag, tea bag, and the like, Coffee. W. S. Patterson. 2,162,272; June 13.
Bag testing device. C. B. Pooler. 2,180,608; Nov. 21.
Bag top closure means. E. L. Le Vesconte and H. J. Harvey. 2,178,044; Oct. 31.
Bags, Apparatus and method for creasing. W. F. Habas and H. A. Bauer. 2,154,743; Apr. 18.
Bags, Apparatus for closing and sealing filled. R. N. and L. A. Cundall. 2,164,502; July 4.
Bags, Apparatus for closing, sewing, and sealing. R. N. Cundall. 2,160,059; May 30.
Bags, Apparatus for filling. R. N. Cundall. 2,160,060; May 30.
Bags, Apparatus for filling, sewing, and sealing. R. N. and L. A. Cundall. 2,164,501; July 4.
Bags, Apparatus for making paper. F. J. Coty. 2,184,233; Dec. 19.
Bags, Closing of valve. A. Du Bois. 2,147,970; Feb. 21.
Bags, Filling and sealing flat. B. Steinkemper. 2,169,542; Aug. 15.
Bags, Making. T. M. Avery. 2,179,463; Nov. 7.
Bags, Method and apparatus for closing. R. E. Hockman. 2,144,154; Jan. 17.
Bags, Method and device for the mechanical production of multiple walled paper. M. Goder. 2,150,275; Mar. 14.
Bags, Method of and machine for making. F. Ricks. 2,170,094; Aug. 22.
Bags, Method of and machine for producing crinkled paper lined. F. T. Robinson. 2,180,431; Nov. 21.
Bags, Sealing tin-tie. H. I. Matchett. 2,159,976; May 30.
Bagger. H. E. Weinstein. 2,150,753; Mar. 14.
Bail attaching means. A. W. Nelson. 2,144,661; Jan. 24.
Bail for baskets or hampers, Detachable. F. J. Brown. 2,156,274; May 2.
Bailer. T. J. Hamilton. 2,170,369; Aug. 22.
Bailer. G. D. Johnson. 2,155,601; Apr. 25.
Bailer. J. P. Stephens. 2,170,355; Aug. 22.
Bailer. J. P. Stephens and T. J. Hamilton. 2,170,354; Aug. 22.
Bailer. C. C. Taylor. 2,144,669; Jan. 24.
Bailer. D. C. Walker. 2,160,320; May 30.
Bailer and cleaner, Oil well. P. Cavins. 2,166,716; July 18.
Bailer, Cement dump. C. R. Dale. 2,155,785; Apr. 25.
Bailer, Pump type. P. G. Gates. 2,166,488–9; July 18.
Bailer, Well. W. H. Dumble. 2,180,935; Nov. 21.
Bailer, Well clean-out. J. H. Notley. 2,169,922; Aug. 15.
Bails to cans, Attaching. T. J. Gorman, Jr. 2,176,711; Oct. 17.
Bait. J. Swanberg. 2,183,849; Dec. 19.
Bait and tackle box, Combination. A. E. Cooper. 2,153,549; Apr. 11.
Bait, Artificial. W. Bilinski. 2,148,799; Feb. 28.
Bait, Artificial. J. H. Hayes. 2,167,334; July 25.
Bait, Artificial. C. T. Pflueger. 2,158,037; May 9.
Bait, Artificial fish. J. A. Arbogast. 2,168,894; Aug. 8.
Bait, Artificial fish. H. C. Toepper. 2,167,163; July 25.
Bait carrier, Live. E. Gulden. 2,149,996; Mar. 7.
Bait container, Live. W. Newton. 2,151,225; Mar. 21.
Bait, Fish. C. A. Scogland and P. H. Sanders. 2,159,606; May 23.
Bait float. F. Eckert. 2,157,819; May 9.
Bait for animal traps. L. H. Fowler. 2,152,034; Mar. 28.
Bait harness, Frog and minnow. H. Wagner. 2,150,874; Mar. 14.
Bait holder. J. B. Hadaway. 2,164,708; July 4.
Bait holder. G. E. Speer. 2,173,027; Sept. 12.
Bait holder and hook. J. B. Hadaway. 2,157,333; May 9.
Bait or bug, Cast. C. Stracener. 2,165,734; July 11.
Bait or decoy plug, Artificial. F. J. Kelly. 2,147,444; Feb. 14.
Bait or lure, Artificial. C. J. Clarke. 2,184,792; Dec. 26.
Bait receptacle. C. B. Spiner and E. Pulaski. 2,159,718; May 23.
Bait, Spoon. E. Nisses-Gagnér. 2,143,631; Jan. 10.
Bait, Weedless. H. Lund. 2,166,311; July 18.
Baked product, Leavened. J. Freilich and C. N. Frey. 2,178,959; Nov. 7.
Baker's machine for cutting and spreading the cut portions. P. Kellner. 2,166,159; July 18.
Bakery product. R. L. Lloyd. 2,172,211; Sept. 5.
Bakery products, Apparatus for the treatment of. M. H. Duval and R. Vezin. 2,171,922; Sept. 5.
Baking and cooking oven. K. E. Bemis. 2,168,391; Aug. 8.
Baking assembly. T. H. Gibson. 2,164,582; July 4.
Baking greasing method and product. I. de F. Savage. 2,165,154; July 4.
Baking mold. J. Damon. 2,167,038; July 25.
Baking powder. W. L. Morgan. 2,170,274; Aug. 22.
Baking powder. J. R. Schlaeger. 2,160,233; May 30.
Baking preparation. W. H. Knox, Jr. 2,160,701; May 30.
Balance computer. L. W. Imm. 2,179,822; Nov. 14.
Balance, Letter. R. Westermann. 2,157,807; May 9.
Balance, Spring sash. A. H. Kersting. 2,164,654; July 4.
Balance staff. R. E. Conyne and T. P. Dolby. 2,174,122; Sept. 26.
Balance tester. J. W. Morse. 2,176,269; Oct. 17.
Balance wheel and self-oiling wrist pin. J. H. Meagher. 2,157,242; May 9.
Balance, Window sash. A. Viehweger. 2,178,533; Oct. 31.
Balanced double seated valve. W. F. Mesinger. 2,178,079; Oct. 31.
Balancer. W. W. Nash. 2,152,969; Apr. 4.
Balancer for machine tools, Dynamic. J. C. Campbell. 2,164,900; July 4.
Balancer for vehicle road wheels, Harmonic. M. Olley. 2,149,863; Mar. 7.
Balancing apparatus and method. R. N. Janeway. 2,177,830; Oct. 31.
Balancing machine. C. C. Cadden. 2,155,528; Apr. 25.
Balancing machine. H. O. Fuchs. 2,171,927; Sept. 5.
Balancing machine. S. D. Livingston. 2,174,665; Oct. 3.
Balancing machine. T. Ongaro. 2,160,314; May 30.
Balancing system. C. Dornier. 2,152,033; Mar. 28.
Bale, Cloth. H. M. Sides. 2,179,303; Nov. 7.
Bales and the like, Apparatus for handling. C. A. Bertel. 2,150,960; Mar. 21.
Baling. C. W. Lanter. 2,157,765; May 9.
Baling, Apparatus for. G. Innes. Re. 21,132; June 27.
Baling attachment for a harvester, Chaff. J. M. Dalimata. 2,158,745; May 16.
Baling machine. W. H. Lamp. 2,179,937; Nov. 14.
Baling press. A. J. Kruse. 2,170,084; Aug. 22.
Baling press. G. W. Langford. 2,181,019; Nov. 21.
Ball and lacing therefor, Inflated. V. R. McMillan. 2,148,082; Feb. 21.
Ball and making same, Hollow metal. K. Knudsen. 2,177,928; Oct. 31.
Ball and socket joint. E. Bugatti. 2,151,833; Mar. 28.
Ball, Athletic game. M. B. Reach. 2,175,128; Oct. 3.
Ball attachment, Bowling. C. M. MacChesney. 2,147,907; Feb. 21.
Ball bearing. C. G. Quick and H. W. Shadrack. 2,184,081; Dec. 19.
Ball, Bowling. R. D. Bodycomb. 2,176,520; Oct. 17.
Ball catching and throwing apparatus. H. A. Hunter. 2,147,705; Feb. 21.
Ball, Drum. F. Goertz. 2,147,157; Feb. 14.
Ball ejector. E. F. Sears. 2,151,993; Mar. 28.
Ball, Flush. E. C. Halteman. 2,142,393; Jan. 3.
Ball, Golf. B. Bogoslowsky. 2,153,410; Apr. 4.
Ball, Grinding. C. W. Hagenbuch and F. A. McCoy. 2,182,805; Dec. 12.
Ball, Inflatable. H. Denkert. 2,143,409; Jan. 10.
Ball joint. W. A. Flumerfelt. 2,181,300; Nov. 28.
Ball, Making a reinforced. W. J. Voit and L. C. Weimer. 2,157,580; May 9.
Ball mill. A. P. Daniel and C. S. Ramsey. 2,144,145; Jan. 17.
Ball, Play or game. M. B. Reach. 2,182,052–3; Dec. 5.
Ball, Playing. H. T. Winterbauer. Re. 21,115; June 13.
Ball, Resilient. E. O. Dieterich. 2,175,685; Oct. 10.
Ball return for bowling alleys. Q. A. Edwards. 2,175,750; Oct. 10.
Ball rolling game obstacle. D. E. Hooker. 2,163,122; June 20.
Ball rolling machine. F. H. G. Brandt and B. B. Bocking. 2,178,222; Oct. 31.
Ball, Rubber playing. C. A. Webb. 2,172,425; Sept. 12.
Ball transmission mechanism. A. S. Edmonds. 2,160,308; May 30.
Ball-up detector. J. E. McGowan. 2,142,521; Jan. 3.
Balls, Apparatus for shaping and sizing. F. H. G. Brandt. 2,178,031; Oct. 31.
Balls, Covering tennis. S. G. Ball. 2,171,118; Aug. 29.
Balls, Making. W. J. Voit. Re. 21,063; Apr. 25.
Balls, Making golf. B. Bogoslowsky. 2,153,408; Apr. 4.
Balls, Making playing. J. T. Riddell. 2,149,465; Mar. 7.
Balls, Manufacturing chilled hollow. S. Nakagawa. 2,184,257; Dec. 19.
Balls, Method and apparatus for winding. F. Honig. 2,156,896; May 2.
Balls, Method and apparatus for winding. F. Honig. 2,161,546; June 6.
Balls, Producing rubber. F. C. Dalmau. 2,178,528; Oct. 31.
Ballast, Apparatus for cleaning. H. W. Protzeller. 2,165,068; July 4.
Ballast cleaning apparatus. C. A. Gill. 2,145,763; Jan. 31.
Ballast device for aircraft, Water. L. Duerr. 2,161,739; June 6.
Ballast, Method of and apparatus for cleaning and handling. H. W. Protzeller. 2,142,208; Jan. 3.
Ballast working implement and method. P. P. Jargick. 2,155,713; Apr. 25.
Balloon and producing same. J. F. Boyle. 2,165,610; July 11.
Band and hose supporter for foundation garments, Leg. M. M. Scheinberg. 2,149,149; Feb. 28.
Band blade slicing machine. W. W. Hartman. 2,181,233; Nov. 28.
Band, Bottle closure sealing. A. B. Colby. 2,151,689–90; Mar. 28.
Band brake. A. A. Darmstaetter. 2,146,287; Feb. 7.
Band clamp. B. Hillberg. 2,162,349; June 13.
Band clamp. G. L. McKee. 2,163,048; June 20.
Band, Decorative. S. F. Bauwens. 2,166,337; July 18.
Band device, Adjustable head. D. E. Kimball. 2,184,425; Dec. 26.

Band discriminating means and method. G. H. Fritzinger. 2,178,072; Oct. 31.
Band, Facing. I. D. Wolfson. 2,176,754; Oct. 17.
Band filtering device with variable band breadth. H. Wechsung. 2,145,742; Jan. 31.
Band for wedding rings, Attached remembrance. J. W. Gittler. 2,146,426; Feb. 7.
Band forming and placing apparatus. W. H. Taylor and S. C. Kershaw. 2,151,340; Mar. 21.
Band, Garment. H. Hardie and J. F. Hargreaves. 2,183,257; Dec. 12.
Band, Hat. H. Rolnick. 2,178,495; Oct. 31.
Band, Marking. W. D. Barker. 2,163,016; June 20.
Band modulation, Single side. C. W. Hansell. 2,163,680; June 27.
Band modulation, Wide. G. Schaffstein. 2,163,707; June 27.
Band pass filter. V. D. Landon. 2,167,079; July 25.
Band pass filter. W. Runge. 2,160,088; May 30.
Band-pass filter. N. M. Rust. 2,161,593; June 6.
Band-pass filter. H. A. Wheeler. 2,181,499; Nov. 28.
Band-pass selector. H. A. Wheeler. 2,156,137; Apr. 25.
Band, Tear strip. H. A. Burns. 2,178,557; Nov. 7.
Band, Tie. J. D. Lane. 2,173,972; Sept. 26.
Band, Tie. R. H. Wilbur. 2,173,989; Sept. 26.
Band, Tree. W. B. Kirkpatrick. 2,170,822; Aug. 29.
Band, Tree. M. L. Wexler. 2,143,043; Jan. 10.
Jan. 24.
Band width and tone control circuit. J. Weinberger. 2,182,328; Dec. 5.
Band width indicator circuit. C. N. Kimball and E. W. Wilby. 2,165,799; July 11.
Bands of cellulose foil, metal foil, and the like, Apparatus for perforating. A. Rambold. 2,143,209; Jan. 10.
Bands or the like, Joining the edges of metal. A. E. Sonesson. 2,171,195; Aug. 29.
Bandage package. M. Samuel. 2,172,455; Sept. 12.
Bandage, Plaster. J. K. Audley-Charles. 2,144,675;
Bandeau, Controlling. I. R. Versoy. 2,180,180; Nov. 14.
Banding apparatus. H. R. Schutz. 2,170,610; Aug. 22.
Banding machine. H. W. Schneider and L. O. Mankin. 2,179,221; Nov. 7.
Banding mechanism. J. A. Neumair. 2,169,591; Aug. 15.
Banding tool. G. L. McKee. 2,175,478; Oct. 10.
Bank, Registering. H. T. Kingsbury. 2,158,459; May 16.
Bank, Savings. H. E. Soref and J. K. Marshall. 2,170,097; Aug. 22.
Bank switch installations. D. T. Wadsworth. 2,161,492; June 6.
Banker's safety unit. G. S. and J. D. Minear. 2,147,050; Feb. 14.
Banner, Aerial advertising. P. E. Hovgard. 2,153,562; Apr. 11.
Bar: *See*—

Bus bar.	Mandrel bar.
Candy bar.	Metal bar.
Cell bar.	Meter bar.
Circulating spray bar.	Rail joint bar.
Collapsible crow bar.	Refreshment bar.
Detector bar.	Sash bar.
Flexible link bar.	Splice bar.
Glazing bar.	Spring bar.
Grate bar.	Sway bar.
Handle bar.	Venetian blind head bar.
Horseshoe calk bar.	

Bar and supporting means therefor. L. T. Mueller. 2,143,567; Jan. 10.
Bar construction, Division and corner. C. D. Lowry. 2,182,480; Dec. 5.
Bar cutter. P. Phelps. 2,154,697; Apr. 18.
Bar for doors, Metal safety. L. G. López. 2,163,206; June 20.
Bar for heddle frames, Center. P. L. Spencer. 2,178,127; Oct. 31.
Bar for helical springs. J. F. Fleck. 2,157,820; May 9.
Bar for snow removing mechanism, Thrust. W. E. Klauer. 2,144,315; Jan. 17.
Bar mill, Roller and breast. C. Carruthers and J. R. Torrance. 2,156,619; May 2.
Bar support and spacer. W. P. Awbrey. 2,157,275; May 9.
Bar support and spacer, Combined. B. Hillberg. 2,154,748; Apr. 18.
Bars and the like, Device for supporting. W. T. Walker. 2,156,748; May 2.
Bars, Apparatus for making perforated angle. A. Henderson. 2,183,018; Dec. 12.
Bars from centrifugally cast ingots, Method and device for producing straight metal. E. Schütz. 2,175,574; Oct. 10.
Bars, Making ratchet. F. W. Schmidt. 2,153,524; Apr. 4.
Bars, rounds, or the like, Apparatus for straightening. P. B. Abramsen. 2,147,589; Feb. 14.
Barbecue machine. G. G. Garvis. 2,182,225; Dec. 5.
Barbecue machine. M. P. Spartalis. 2,179,646; Nov. 14.
Barbecue stand. J. M. Huntington. 2,154,165; Apr. 11.
Barbecue furnace. K. E. Bemis. 2,168,388; Aug. 8.
Barber's chair. A. T. Hascham. 2,158,183; May 16.
Barbituric acid compounds. P. Rosengart and E. Rabald. 2,146,989; Feb. 14.
Barbs and down from the stems of feathers, Removing. W. H. Edmister. 2,173,935; Sept. 26.
Barge construction. H. C. Elliott. 2,150,763; Mar. 14.
Barite, Concentration of. F. X. Tartaron. 2,144,442; Jan. 17.
Barium hydroxide production. A. T. Mertes. 2,173,912; Sept. 26.
Barium sulphate, Manufacture of. E. J. Roberts. 2,161,652; June 6.
Barium sulphate, Manufacture of. L. T. Work and H. Alessandroni. 2,161,650; June 6.
Bark, Artificial tree. P. J. Fritsch. 2,166,002; July 11.
Barrel-changing device for automatic firearms. E. Murbach. 2,149,707; Mar. 7.
Barrel closure. H. L. Newton. 2,176,310; Oct. 17.
Barrel electroplating machine. A. H. Hannon. 2,177,982; Oct. 31.
Barrel, Lined tumbling. J. Lupo, Jr. 2,158,076; May 16.
Barrel making machine. T. A. McMahon, W. Hierholzer, and W. Glazat. 2,163,344; June 20.
Barrel, Metal. F. Gettelman. 2,161,155; June 6.
Barrel, Metal shipping. R. S. Rheem. 2,146,381; Feb. 7.
Barrel, Noncreeping. J. D. Lear. 2,144,069; Jan. 17.
Barrel plating machine. A. H. Hannon. 2,148,552; Feb. 28.
Barrel rack. A. M. Barrett. 2,162,497; June 13.
Barrel rack. A. H. Sissom. 2,182,709; Dec. 5.
Barrel ring. F. R. Schaefer and R. W. Emery. 2,159,862; May 23.
Barrel, Rubber lined. C. C. Shenk and A. Lansberry. 2,145,613; Jan. 31.
Barrel structure. E. H. Little and W. R. Vansant. 2,172,286; Sept. 5.
Barrel-tapping apparatus. V. Beecher. 2,173,529; Sept. 19.
Barrel, Thermal exchange. E. C. Deibel. 2,184,380; Dec. 26.
Barrel washing and rinsing machine. F. C. Chapman. 2,158,404; May 16.
Barrel washing apparatus. G. A. Doty and S. F. Kimball. 2,147,247; Feb. 14.
Barrels and discharging the contents thereof, System of and apparatus for handling. W. E. Sparling and W. K. Stokes. 2,155,173; Apr. 18.
Barrette. N. L. Solomon. 2,168,369; Aug. 8.
Barrier for bus ducts. M. J. De Mask. 2,150,963; Mar. 21.
Barrier for elevated highways, Movable. W. T. Curtis. 2,143,433; Jan. 10.
Barrier, Pedestrian. B. J. Belsher. 2,153,708; Apr. 11.
Barrier, Submarine. J. J. Morrison and J. F. Howe. 2,170,481; Aug. 22.
Barytes, Treatment of. A. G. Wuethrich. 2,163,388; June 20.
Baseball projecting apparatus. C. T. Barron. 2,182,369; Dec. 5.
Base cleaner. M. Liebman. 2,162,955; June 20.
Base construction. R. J. Brandt. 2,170,006; Aug. 22.
Base for a slug-casting machine. C. E. Murray. 2,172,322; Sept. 5.
Base for an electric appliance, Insulating. H. A. Smith. 2,166,451; July 18.
Base for color copying screens. F. Piller. 2,152,621; Mar. 28.
Base for display devices, Support-engaging. W. G. Huber. 2,166,470; July 18.
Base for electrical household appliances. O. M. Anderson and N. T. Almquist. 2,172,687; Sept. 12.
Base for fixtures. W. C. Heindl. 2,161,674; June 6.
Base for incandescent lamps and similar devices. C. A. Brown and C. E. Hahn. 2,184,269; Dec. 26.
Base for machine tools and the like. W. B. Boom. 2,159,247; May 23.
Base, Interchangeable meter. R. A. Road and S. S. Green. 2,154,411; Apr. 11.
Base, Metal. A. R. Stancampiano and P. A. Geraci. 2,178,501; Oct. 31.
Base, or emulsifying vehicle, for flavoring agents. H. E. Allen. 2,165,828; July 11.
Base, Paint and tile. F. W. Corkery. 2,180,729; Nov. 21.
Base structure for electron ray tubes. E. Ruska. 2,174,759; Oct. 3.
Base, Supporting. G. L. Chapel. 2,177,170; Oct. 24.
Base, Trolley. E. H. Piron. 2,181,570; Nov. 28.
Basin. C. H. Windsor. 2,147,805; Feb. 21.
Basin, Adjustable catch. E. E. Ward. 2,180,268; Nov. 14.
Basin fitting. A. T. Hagerty. 2,147,839; Feb. 21.
Basin-forming device. F. Thompson. 2,172,994; Sept. 12.
Basin forming implement. C. E. White. 2,184,691; Dec. 26.
Basin wrench. L. Sharpe. 2,166,449; July 18.
Basket. B. Frazier. 2,179,180; Nov. 7.
Basket. R. E. Lowey. 2,153,334; Apr. 4.
Basket. E. T. H. Schmidt. 2,161,639; June 6.
Basket and carriage, Combination. S. N. Goldman. 2,155,896; Apr. 25.
Basket and stand therefor, Combined. F. L. Humphrey. 2,183,455; Dec. 12.
Basketball backstop. E. J. Gross. 2,144,148; Jan. 17.
Basket, Bicycle. C. S. Glenny. 2,143,065; Jan. 10.
Basket construction, Handle. E. E. Mohler. 2,178,802; Nov. 7.
Basket cover fastener. P. Hintz and A. H. Schmidtke. 2,163,120; June 20.
Basket, Display. J. Doig. 2,144,648; Jan. 24.

Basket display. H. Ziemmerman. 2,156,250; Apr. 25.
Basket, Drainer. H. J. Watral. 2,184,245; Dec. 19.
Basket, Fish. L. M. Dickson. 2,152,346; Mar. 28.
Basket for clothes chutes, Catch. C. E. Carlson. 2,182,689; Dec. 5.
Basket for collective dishwashing, Cup and saucer. C. Barrie. 2,157,276; May 9.
Basket for collective dishwashing, Plate. C. Barrie. 2,159,365; May 23.
Basket for collective dishwashing, Tumbler. C. Barrie. 2,152,456; Mar. 28.
Basket liner. D. E. Lower. 2,154,985; Apr. 18.
Basket, Paperboard. P. J. Brooks. 2,167,936; Aug. 1.
Basket, Paperboard. B. F. Kells. 2,179,555; Nov. 14.
Basket, Rubber. W. C. Reynolds and W. H. Jordan. 2,185,093; Dec. 26.
Bass bar for musical instruments, Adjustable. G. Frazier. 2,145,978; Feb. 7.
Bast fibers, Wet treatment of raw. H. Korte. 2,180,087; Nov. 14.
Basting device for cooking meats, vegetables, and the like. G. G. Kitzeman. 2,164,072; June 27.
Bat for games such as table tennis. E. W. Burnard. 2,152,239; Mar. 28.
Bat-forming table. L. Marino. 2,159,282; May 23.
Bat marking, Fibrous. H. W. Collins. 2,184,286; Dec. 26.
Bat or the like, Streamlined basball. T. Taylor. 2,169,774; Aug. 15.
Batch distillation of liquid mixtures. W. J. D. van Dijck. 2,159,621; May 23.
Bath. W. Oliver. 2,174,445; Sept. 26.
Bath, Cyanide salt. L. Sarvis. 2,169,008; Aug. 8.
Bath, Heat ray. B. E. Golder. 2,183,883; Dec. 19.
Bath, Portable Turkish or Russian steam. P. Varga. 2,151,490; Mar. 21.
Bath spray support. J. E. Conklin. 2,174,653; Oct. 3.
Bath water conditioner. F. A. Gilford. 2,156,114; Apr. 25.
Baths, Supervision of the uniformity of galvanic. G. Kloz. 2,167,304; July 25.
Bathing device, Infant's. D. M. Kennedy. 2,162,483; June 13.
Bathing device, Infant's. D. M. Kennedy. 2,182,669; Dec. 5.
Bathing fixture, Safety. R. H. Zinkin. 2,168,079; Aug. 1.
Bathtub. A. H. Dean. 2,161,952; June 13.
Bathtub. J. L. Houston. 2,166,469; July 18.
Bathtub. A. Radimsky. 2,163,154; June 20.
Bathtub. C. J. Steele and R. C. Troeger. Re. 21,019; Feb. 28.
Bathtub. O. G. Watt. 2,150,531; Mar. 14.
Bathtub and dressing table, Infant's combination. C. T. De Puy. 2,146,174; Feb. 7.
Bathtub control, Dual. S. J. Stanton. 2,171,133; Aug. 29.
Bathtub, Elevated. S. J. S. Stanton. 2,173,185; Sept. 19.
Bathtub fixture. H. Cave. 2,152,429; Mar. 28.
Bathtub, Rubber. J. Berger. 2,143,674; Jan. 10.
Bathtub seat. G. B. Bentz. 2,142,434; Jan. 3.
Baton. E. L. Clark. 2,162,157; June 13.
Baton, Drum major's. F. W. Miller. 2,146,972; Feb. 14.
Batteries, Method of and system for measuring the state of charge or discharge of secondary. E. Witte. 2,161,495; June 6.
Batteries, Producing elements for dry. F. MacCallum. 2,165,061; July 4.
Battery: *See*— Electric storage battery.
Battery. W. Matthews. 2,159,034; May 23.
Battery attachment. O. A. Tollefson. 2,162,322; June 13.
Battery box. A. G. Dean. 2,158,784; May 16.
Battery-box composition, Storage. A. L. Simison. 2,148,510; Feb. 28.
Battery cap. M. J. Schwartz. 2,182,266; Dec. 5.
Battery carrier. J. A. Wiora. 2,158,646; May 16.
Battery case for automobiles. L. F. Ferguson. 2,159,890; May 23.
Battery charge responsive means. E. C. McRae. 2,184,193; Dec. 19.
Battery charger, Industrial truck and tractor. E. W. Breisch. 2,158,979; May 16.
Battery charger, Self-regulating. S. J. Murcek. 2,179,299; Nov. 7.
Battery charger, Wind driven. B. F. Grohmann. 2,145,511; Jan. 31.
Battery charging apparatus. J. F. Cullin. 2,159,885; May 23.
Battery charging rack. G. Bright. 2,145,581; Jan. 31.
Battery charging system. C. B. Mirick. 2,157,139; May 9.
Battery clamp. J. Michalski and Y. V. Sims. 2,181,337; Nov. 28.
Battery clamp remover. T. E. Waters. 2,149,564; Mar. 7.
Battery connector. F. S. Shipman. 2,160,422; May 30.
Battery construction, Storage. M. A. Hopkins. 2,180,959; Nov. 21.
Battery construction, Vehicle. J. Galamb. 2,151,424; Mar. 21.
Battery, Dry. F. MacCallum. 2,146,377; Feb. 7.
Battery, Dry. F. MacCallum. 2,154,312; Apr. 11.
Battery, Electric secondary. L. Fuller and E. W. Sudlow. 2,176,173; Oct. 17.
Battery electrode element and making the same. A. I. Eddy. 2,157,072; May 2.
Battery for hearing-aids, Storage. G. Wheat. 2,179,393; Nov. 7.
Battery, Galvanic. E. Marhenkel. 2,164,755; July 4.
Battery grid casting and trimming machine, Automatic. G. A. Donath. 2,156,379; May 2.
Battery holder. E. N. Anketell. 2,154,653; Apr. 18.
Battery lamp. A. J. Seiss. 2,153,814; Apr. 11.
Battery level indicator, Storage. R. L. Smith. 2,148,657; Feb. 28.
Battery lifter. L. J. Blum. 2,169,119; Aug. 8.
Battery plate and treating such plate, Electric storage. A. R. Reid. 2,159,226; May 23.
Battery plates, Apparatus for drying. B. G. Lindstrom. 2,149,813; Mar. 7.
Battery plates, Apparatus for setting and drying. H. B. Lockwood. 2,152,554; Mar. 28.
Battery plates, Drying. B. G. Lindstrom. 2,149,812; Mar. 7.
Battery, Primary. A. I. Eddy. 2,175,885; Oct. 10.
Battery, Primary. G. W. Heise and E. A. Schumacher. 2,180,955; Nov. 21.
Battery, Primary. F. C. F. Portail. 2,146,348; Feb. 7.
Battery, Rechargeable dry cell. C. F. Bonilla. 2,157,111; May 9.
Battery retainer, Electric storage. W. E. Kershaw. 2,176,427; Oct. 17.
Battery, Secondary or storage. W. E. Kershaw. 2,176,428; Oct. 17.
Battery sediment measuring device, Storage. M. Rabl. 2,183,492; Dec. 12.
Battery-servicing unit. J. C. Thomas. 2,173,736; Sept. 19.
Battery, Storage. L. R. Adams. 2,184,373; Dec. 26.
Battery, Storage. C. J. Dunzweiler. 2,180,463; Nov. 21.
Battery, Storage. C. G. Reetz. 2,158,988; May 16.
Battery, Storage. S. W. Rolph. 2,169,771; Aug. 15.
Battery supporting means. L. L. Jaskey. 2,155,941; Apr. 25.
Battery terminal. C. L. Feldtkeller. 2,148,738; Feb. 28.
Battery terminal. C. J. Goguen. 2,175,164; Oct. 3.
Battery terminal. J. Plachy. 2,142,759; Jan. 3.
Battery terminal. R. L. Welch and R. A. Cotton. 2,172,884; Sept. 12.
Battery terminal clamp. M. Hunefeld and A. M. Kallansrud. 2,154,507; Apr. 18.
Battery terminal connector. H. J. Rich. 2,159,512; May 23.
Battery terminal connector. W. S. Thomas. 2,156,411; May 2.
Battery terminal connection clamp. C. R. Graves and J. C. Stout. 2,156,013; Apr. 25.
Battery terminal, Corrosion-resistant. L. F. Jourdan and H. A. Levey. 2,159,854; May 23.
Battery terminal protector. J. H. Ryalls. 2,145,135; Jan. 24.
Battery tester. J. H. Kolseth. 2,155,314; Apr. 18.
Battery testing apparatus. W. C. Leingang and R. C. Rudisill. 2,181,303; Nov. 28.
Battery testing clip. F. F. Henriot. 2,142,314; Jan. 3.
Battery unit, Dry cell. C. P. Deibel. 2,151,193; Mar. 21.
Battery venting means, Storage. S. C. Aikenhead. 2,160,806; June 6.
Battery venting means, Storage. H. Cantoni. 2,152,240; Mar. 28.
Battery water gauge. J. W. Foutch. 2,145,510; Jan. 31.
Battery with unit insulation, Storage. S. W. Rolph. 2,157,629; May 9.
Bauxite adsorbent, Regenerating a. A. Kinsel. 2,160,874; June 6.
Bauxite and other aluminum containing substances, Extraction of. R. Scholder. 2,181,669; Nov. 28.
Bauxite, Impregnation of. B. Barnes. 2,165,173; July 4.
Beach and lawn chair. A. E. Brandon. 2,148,898; Feb. 28.
Beach maintaining apparatus and a beach maintaining method. E. J. Prendergast. 2,158,046; May 9.
Beacon, Airport. R. F. Bass and W. L. Rives. 2,165,211; July 11.
Beacon, Multiple beam radio. K. Schmid, W. Ilberg, and W. Runge. 2,173,918; Sept. 26.
Beacon, Radio. C. W. Hansell. 2,165,256; July 11.
Beacon, Radio. D. N. Sharma. 2,173,137; Sept. 19.
Bead-forming machine. S. S. Millen. 2,158,011; May 9.
Bead making machine. A. Weiner. 2,159,066; May 23.
Bead trim retainer clip. J. H. Van Uum. 2,154,711; Apr. 18.
Beaded surfaces. D. G. Higgins. 2,153,755; Apr. 11.
Beading and forming machine, Double. R. L. Loggins. 2,165,282; July 11.
Beading, Corner protecting. W. E. Miller. 2,144,116; Jan. 17.
Beading, Flexible. B. J. Lee and H. Gora. 2,171,728; Sept. 5.
Beading for furniture or the like, Protective metal. W. F. Herold. 2,149,089; Feb. 28.
Beam. N. V. Andersson. 2,157,104; May 9.
Beam, Articulated. M. Le Roy. 2,143,953; Jan. 17.
Beam changer for incandescent searchlights. W. J. Day. 2,144,526; Jan. 17.

Beam, Ferro-concrete. U. Finsterwalder. 2,155,121; Apr. 18.
Beam, Section or warper. R. U. Thornton. 2,148,394; Feb. 21.
Beam stop, Automatic. H. A. Hadley. 2,167,204; July 25.
Beam-testing machine. R. L. Grant, Jr. 2,158,008; May 9.
Beam, Warp. W. D. Leinbach. 2,144,070; Jan. 17.
Beam, Warp dye. H. M. Craig. 2,177,096; Oct. 24.
Beam weight. W. C. Trout and J. L. Fincher. 2,179,649; Nov. 14.
Beams, columns, or the like, Apparatus for producing. W. Sykes. 2,179,802–3; Nov. 14.
Beams, Making. A. A. Proback. 2,172,806; Sept. 12.
Bean-slicing machine. M. R. Anstice. 2,160,693; May 30.
Beans, Debitterizing soy. R. A. Wait. 2,148,142; Feb. 21.
Bear stabilizer coil control. R. G. Minea. 2,143,565; Jan. 10.

Bearing: *See*—

Antifriction bearing.
Ball bearing.
Block bearing.
Bronze faced bearing.
Center iron bearing.
Cone bearing.
Constant-fit bearing.
Crankpin bearing.
Cushion bearing.
Double row roller bearing.
Fan bearing.
Journal bearing.
Oilless bearing.
Radial antifriction bearing.
Radial bearing.
Radial plain bearing.
Rocker arm bearing.
Roll bearings.
Roller bearing.
Roller bit bearing.
Roller chain bearing.
Roller side bearing.
Seal bearing.
Self-aligning bearing.
Shaft bearing.
Side bearing.
Submerged bearing.
Thin babbitt bearing.
Threaded bearing.
Thrust bearing.
Truck center bearing.
Vehicle side bearing.
Walking beam bearing.
Water-lubricated bearing.

Bearing. W. Bartosch. 2,159,545; May 23.
Bearing. A. H. Dall and H. Ernst. 2,160,778; May 30.
Bearing. C. A. Ferguson. 2,147,787; Feb. 21.
Bearing. J. P. Galtney. 2,143,240; Jan. 10.
Bearing. J. Gottlieb. 2,143,551; Jan. 10.
Bearing. J. V. Hendrick. 2,159,327; May 23.
Bearing. F. Leister. 2,160,220; May 30.
Bearing. W. T. Murden. 2,142,477; Jan. 3.
Bearing. H. Potter. 2,157,098; May 9.
Bearing. F. Schanzer. 2,153,028; Apr. 4.
Bearing. R. R. Searles. 2,143,091; Jan. 10.
Bearing. R. R. Searles. 2,162,034; June 13.
Bearing. R. R. Searles. 2,162,977; June 20.
Bearing. J. W. Smith. 2,157,101; May 9.
Bearing. W. F. Smith. 2,149,983; Mar. 7.
Bearing. A. G. F. Wallgren. 2,148,144; Feb. 21.
Bearing. A. G. F. Wallgren. 2,149,712; Mar. 7.
Bearing. A. G. F. Wallgren. 2,172,486; Sept. 12.
Bearing alloy. E. R. Darby, L. A. Barera, and P. J. Potter. 2,157,121; May 9.
Bearing and balls of ceramic material, Ball. H. Schröder. 2,158,156; May 16.
Bearing and making same. H. Steudel. 2,170,039; Aug. 22.
Bearing and making same, Antifriction. W. T. Murden. 2,177,303; Oct. 24.
Bearing and making the same, Threaded. J. W. Leighton. 2,179,856; Nov. 14.
Bearing and sealing means. E. S. Bissell. 2,165,916; July 11.
Bearing assembling and lubricating machine, Roller. A. F. Rehnberg. 2,172,145; Sept. 5.
Bearing assembly for internal combustion engines, Connecting rod. B. Kahn. 2,174,981; Oct. 3.
Bearing assembly, Self-ventilating. H. L. Corwin. 2,174,854; Oct. 3.
Bearing block or pedestal for marine vessels. A. Groote. 2,156,848; May 2.
Bearing combination. R. L. Strickland. 2,178,149; Oct. 31.
Bearing construction for roller hearth furnaces. A. H. Vaughan. 2,175,233; Oct. 10.
Bearing device. W. T. Murden. 2,142,478; Jan. 3.
Bearing element, Replaceable shaft surfacing. E. F. Burton. 2,170,545; Aug. 22.
Bearing for clockwork mechanism, Cap jewel. H. Colomb. 2,146,329; Feb. 7.
Bearing for clockwork mechanism, Cap jewel. H. Colomb. 2,184,580; Dec. 26.
Bearing for connecting rods, Antifriction. D. C. Vaughn. 2,146,663; Feb. 7.
Bearing for crossheads and the like. T. V. Buckwalter. 2,180,315; Nov. 14.
Bearing for earth working tools. W. E. Goble. Des. Re. 21,145; July 11.
Bearing for grease lubrication, Radial plane. N. A. Palmgren. Re. 21,124; June 20.
Bearing for grease lubrication, Radial plain. N. A. Palmgren. 2,176,435; Oct. 17.
Bearing for hydraulic turbine shafts. G. K. Litsinger. 2,154,759; Apr. 18.
Bearing for press beds. A. F. Herb. 2,142,974; Jan. 3.
Bearing for railway vehicles, Axle. G. Nemetz. 2,158,905; May 16.
Bearing for revolving head ventilators, Insulated. R. G. Ferris. 2,142,724; Jan. 3.
Bearing for rolling mills. C. P. Kimmel. 2,157,455; May 9.
Bearing for rolling mills and the like. P. G. Palmgren. 2,182,994; Dec. 12.
Bearing for rolling mills, Thrust. W. R. Duda. 2,178,628; Nov. 7.
Bearing for rotor shafts, Ball. R. Annen. 2,149,492; Mar. 7.
Bearing for shaft couplings, Throw-out. R. Binder. 2,145,538; Jan. 31.
Bearing for spring leaves, Lubricating. W. Fred. 2,180,464; Nov. 21.
Bearing for valve springs, Adjustable thrust. J. Kirchhof. 2,155,195; Apr. 18.
Bearing for vehicles. J. P. Rock. 2,164,840; July 4.
Bearing for weighing scales. A. E. Bennett. 2,159,684; May 23.
Bearing hold-up and hold-down. W. C. Trout. 2,152,508; Mar. 28.
Bearing housing support. A. Leufén. 2,167,457; July 25.
Bearing lubricating system. B. S. Cain. 2,155,218; Apr. 18.
Bearing manufacture. W. G. Calkins and A. J. Langhammer. 2,178,529; Oct. 31.
Bearing member. J. C. Tarbell. 2,182,414; Dec. 5.
Bearing pile construction. G. G. Greulich. 2,165,190; July 4.
Bearing pin, Expanding. Q. E. Conner. 2,147,883; Feb. 21.
Bearing play, Apparatus for determining. H. R. Clapper. 2,170,493; Aug. 22.
Bearing retainer and making same. T. C. Pew. 2,146,440; Feb. 7.
Bearing seats, Making. A. Lefere. 2,175,084; Oct. 3.
Bearing shackle, Roller. J. W. Leighton. 2,170,455; Aug. 22.
Bearing support, Universal. C. B. Cronan. 2,149,728; Mar. 7.
Bearing surface, Lubricating. T. L. Cantrell and J. O.
Bearing surfaces, Forming. I. T. Bennett. 2,166,701; July 18.
Bearingizing tool. S. A. Cogsdill. 2,170,631; Aug. 22.
Bearings, Apparatus for boring crank case. P. Jescher. 2,170,054; Aug. 22.
Bearings, Forming. E. A. Ryder. 2,145,460; Jan. 31.
Turner. 2,145,970–1; Feb. 7.
Bearings from light metal alloys, Manufacturing cast. C. Steiner. 2,171,229; Aug. 29.
Bearings in roll housings and the like, Retention of. M. Morgan. 2,184,463; Dec. 26.
Bearings, Making. H. P. Ford. 2,164,737; July 4.
Bearings, Making. W. R. Griswold. 2,174,262; Sept. 26.
Bearings, Making. R. P. Koehring and J. M. Hildabolt. 2,158,461; May 16.
Bearings, Making. J. W. Leighton. 2,180,282–3; Nov. 14.
Bearings, Making journal. G. R. Coleman. 2,164,902; July 4.
Bearings, Making roller. L. R. Heim. 2,160,382; May 30.
Bearings, Manufacture of. H. Jaeger. 2,157,453; May 9.
Bearings, Method and apparatus for cooling. M. S. Kice, Jr. 2,175,470; Oct. 10.
Bearings, Method and apparatus for protecting. J. M. Hait. 2,161,862; June 13.
Bearings, Sizing porous metal. J. C. Lemming. 2,168,300; Aug. 1.
Beater. P. J. Musolf. 2,161,881; June 13.
Beater. A. J. Piperi. 2,158,912; May 16.
Beater. H. H. Todd. 2,184,132; Dec. 19.
Beater and mixer. E. R. Hacmac. 2,182,984; Dec. 12.
Beater device. A. Kelley. 2,169,607; Aug. 15.
Beater, Mixing machine. W. F. Dehuff. 2,181,078; Nov. 21.
Beater or mixer. C. Palmieri. 2,181,833; Nov. 28.
Beater, Rotary. C. M. Herter. 2,182,921; Dec. 12.
Beating and mixing device. A. Illsche. 2,162,017; June 13.
Beat-up mechanism of looms for weaving. O. and D. W. Shimwell. 2,159,865; May 23.
Beauty parlor chair. A. A. Mullooly. 2,150,720; Mar. 14.
Bed. G. W. Gail. 2,149,167; Feb. 28.
Bed. T. I. Means. 2,156,507; May 2.
Bed. R. P. McGrew. 2,146,970; Feb. 14.
Bed accessory, Invalid. J. A. Johnson. 2,168,649; Aug. 8.
Bed, Adjustable. O. C. Caldwell. 2,159,883; May 23.
Bed air conditioning apparatus. C. F. Kettering and E. C. Sittler. 2,159,741; May 23.
Bed and dinette, Combined wall. R. A. Wright. 2,159,494; May 23.
Bed and luggage carrier, Convertible camp. W. L. Chambers. 2,170,987; Aug. 29.
Bed attachment. B. Hudon. 2,174,582; Oct. 3.
Bed, Automobile. W. E. Stewart. 2,178,923; Nov. 7.
Bedclothes adjuster. H. B. James. 2,177,986; Oct. 31.
Bed, Collapsible. B. M. Graham. 2,168,982; Aug. 8.
Bed construction. W. E. Wunderlich. 2,157,064; May 2.
Bed, Convertible chair. C. Hoehl. 2,155,490; Apr. 25.
Bed, Couch. J. C. Feldman. 2,144,651; Jan. 24.
Bed couch, Convertible. J. M. Vallone. 2,142,577–8; Jan. 3.

Bed covering support. C. M. Schadell. 2,160,443; May 30.
Bed, Folding. A. G. Gilson. 2,161,958; June 13.
Bed for invalids. R. E. Beaufour. 2,174,434; Sept. 26.
Bed lamp. S. Davio. 2,158,408; May 16.
Bedpan. C. C. Richard. 2,147,174; Feb. 14.
Bedpan. F. D. Schermerhorn. 2,166,480; July 18.
Bedplate for paper pulp beaters, V type. A. L. Bolton. 2,174,774; Oct. 3.
Bed rail connector, Adjustable. D. W. Causey. 2,169,138; Aug. 8.
Bed, Sanitary. C. B. Kane. 2,165,385; July 11.
Bed service. W. J. Maloney. 2,183,265; Dec. 12.
Bedsheet. A. R. De Voe. 2,151,375; Mar. 21.
Bedsheet. R. C. Dick. 2,145,715; Jan. 31.
Bed side, Removable. J. Erdos. 2,159,323; May 23.
Bedspring. W. J. Duvall and G. W. Froemke. 2,184,517; Dec. 26.
Bedspring. W. E. Wunderlich. 2,148,889; Feb. 28.
Bedspring cover. A. Schulman. 2,159,535; May 23.
Bed, Studio. E. J. Stauffer and A. Knosher. 2,146,864–5; Feb. 14.
Bed, Trailer. H. W. Hafer. 2,156,850; May 2.
Bedtray and bedside table. G. F. Scriven. 2,183,410; Dec. 12.
Beds cut by a bore hole, Method and arrangement for determining the direction and the value of the dip of. H. G. Doll. 2,176,169; Oct. 17.
Beer and preparing same. P. P. Gray and I. Stone. 2,159,985; May 30.
Beer and preparing same. A. Schapiro. 2,157,633; May 9.
Beer can. S. A. Wark and A. C. Torem. 2,147,004; Feb. 14.
Beer cooler. M. Del Nero. 2,177,207; Oct. 24.
Beer dispensing apparatus. J. Z. Kornblatt. 2,164,714; July 4.
Beer dispensing apparatus. H. Söllinger. 2,147,862; Feb. 21.
Beer dispensing device. T. A. Hutsell. 2,151,110; Mar. 21.
Beer dispensing device. E. G. Rolande. 2,154,052; Apr. 11.
Beer drawing apparatus. J. C. Baker. 2,165,605; July 11.
Beer, Preparing a low-extract. M. Thomas. 2,146,240; Feb. 7.
Beer return device. C. Horansky and F. J. Suchanek. 2,180,828; Nov. 21.
Beer tap. J. F. Wilcox. 2,145,702; Jan. 31.
Beer wort, Making hopped. C. Rach. 2,163,468; June 20.
Beet-cutting machine. A. Bachofner. 2,148,922; Feb. 28.
Beet gathering and loading machine, Topped. J. H. Hall. 2,144,970; Jan. 24.
Beet harvester, Combine. J. Devey, Jr. 2,166,626; July 18.
Beet lifter. M. H. Tuft and C. T. Rasmussen. 2,174,310; Sept. 26.
Beet topper, Rotary. F. S. Hill. 2,167,754; Aug. 1.
Beet topping machine. H. V. Shuler. 2,183,779; Dec. 19.
Beets from beet leaves, Apparatus for separating. W. E. Urschel. 2,183,631; Dec. 19.
Bell. G. R. Eaton. 2,156,842; May 2.
Bell and alarm, Door. D. Borland. 2,164,029; June 27.
Bellows control device, Combination spring. D. L. Hay. 2,162,719; June 20.
Bellows for milking machine pulsators. S. J. Erling. 2,175,596; Oct. 10.
Bellows, Manufacture of built-up. L. C. Shippy. 2,145,376; Jan. 31.
Belly skinning machine. N. J. Miller. 2,155,730; Apr. 25.
Bellows structure, High-pressure. A. Brendlin. 2,173,678; Sept. 19.
Belt. P. A. Cady. 2,178,558; Nov. 7.
Belt. A. L. Freedlander. Re. 21,075; May 9.
Belt. A. L. Freedlander. 2,167,384; July 25.
Belt. A. L. Freedlander. 2,179,691; Nov. 14.
Belt. J. A. Jepson. 2,177,410; Oct. 24.
Belt and belt connector. A. L. Freedlander. 2,171,055; Aug. 29.
Belt and making it, Flexible. T. G. Myers. 2,173,340; Sept. 19.
Belt and making same. W. M. Yeakel. 2,182,461; Dec. 5.
Belt, Apparel. J. R. Craighead. 2,156,373; May 2.
Belt, Catamenial. F. W. O'Neill. 2,146,088; Feb. 7.
Belt connector. A. L. Freedlander and N. J. Ritzert. 2,151,095; Mar. 21.
Belt connector. A. L. Freedlander and N. J. Ritzert. 2,176,735; Oct. 17.
Belt connector. E. H. Kremer. 2,179,697; Nov. 14.
Belt connector. G. I. Welsh. 2,165,020; July 4.
Belt, Conveyer. P. J. Birkmeyer. 2,145,786; Jan. 31.
Belt, Conveyer. C. M. MacChesney. 2,165,283; July 11.
Belt, Conveyer. C. M. MacChesney and A. B. Wilson. 2,165,395; July 11.
Belt conveyer. A. Simon. 2,146,689; Feb. 7.
Belt, Conveyer. G. Stanius. 2,165,422; July 11.
Belt, Conveyer. A. B. Wilson. 2,165,434; July 11.
Belt, Conveyer. R. E. Winch. 2,168,013; Aug. 1.
Belt coupling. E. P. Webster. 2,176,617; Oct. 17.
Belt drive. J. H. Cantrell. 2,174,119; Sept. 26.
Belt drive. W. M. Gettys. 2,152,038; Mar. 28.
Belt drive. L. Kellenberger. 2,170,925; Aug. 29.
Belt drive. E. Siegling. 2,147,465; Feb. 14.
Belt, Driving. E. Siegling. 2,157,061; May 2.
Belt, Elastic. I. Monesson. 2,160,368; May 30.
Belt, Endless flexible. E. Nassimbene. 2,163,347; June 20.
Belt, Enrober. J. T. Berry. 2,172,341; Sept. 12.
Belt fastener. H. Koester. 2,183,937; Dec. 19.
Belt fastener. J. C. Olsen. 2,170,973; Aug. 29.
Belt fastener. J. C. Olsen. 2,182,232; Dec. 5.
Belt fastener, Flexible. J. C. Olsen. 2,145,455; Jan. 31.
Belt for textile spindles, Drive. R. W. Cutler. 2,179,655; Nov. 14.
Belt hook holder. A. Bray. 2,164,049; June 27.
Belt-hook press. H.-J. Ziller. 2,167,820; Aug. 1.
Belt lacing setting device. J. C. Olsen. 2,162,787; June 20.
Belt, Metallic cartridge. T. E. Bergmann. 2,163,725; June 27.
Belt or strip, Metallic cartridge. W. T. Gorton. 2,173,837; Sept. 26.
Belt, Power-transmitting. J. W. Smith. 2,181,001; Nov. 21.
Belt retaining device for vacuum cleaners. S. Gasner. 2,149,138; Feb. 28.
Belt, Reversible. E. S. Mix. 2,159,857; May 23.
Belt reversing device. W. Chercass. 2,182,424; Dec. 5.
Belt, Safety. W. C. Walker. 2,166,777; July 18.
Belt, Safety. F. J. Wight. 2,149,803; Mar. 7.
Belt, Safety life. G. J. Peterson. 2,165,300; July 11.
Belt sander. W. B. Hickey. 2,147,840; Feb. 21.
Belt shifter. R. W. Skerratt. 2,179,865; Nov. 14.
Belt shifting mechanism for a lathe. T. E. Brown. 2,157,398; May 9.
Belt splice. H. C. Clay. 2,179,813; Nov. 14.
Belt, Swimming. A. J. Boudreaux. 2,145,289; Jan. 31.
Belt, Trouser. D. J. Schaffner. 2,171,601; Sept. 5.
Belt unit. A. L. Freedlander. 2,167,942; Aug. 1.
Belt, Vegetable grader. J. Achatz. 2,183,439; Dec. 12.
Belt, Wire. N. S. Harter. 2,151,913; Mar. 28.
Belting. P. T. Evans, J. H. Wright, and H. Brammer. 2,184,796; Dec. 26.
Belting and the like, Shaping and vulcanizing. J. M. Bierer. 2,179,444; Nov. 7.
Belting, Curing endless. J. M. Bierer. 2,142,971; Jan. 3.
Belting, Ironer. W. D. Ellis, III, and C. B. Haydon. 2,158,007; May 9.
Belting, Producing. W. H. Tobey. 2,174,022; Sept. 26.
Belting splice and method. J. M. Bierer. 2,182,169; Dec. 5.
Belts, Curing endless. J. M. Bierer. 2,142,972; Jan. 3.
Belts, Manufacture of power transmission. L. S. M. Lejeune. 2,153,966; Apr. 11.
Bench and blackboard, Combined. C. E. Beeman. 2,159,517; May 23.
Bench back rest. W. V. Newport. 2,158,247; May 16.
Bench, Draw. M. A. Nye and E. J. McIlvried. 2,182,902; Dec. 12.
Bench, Greenhouse. M. Winandy. 2,150,257; Mar. 14.
Bench, Photographer's studio. C. K. Cahill. 2,145,505; Jan. 31.
Bench, Piano. M. L. Crawford. 2,166,485; July 18.
Bench, Tube drawing. H. E. Passmore, Jr. 2,179,194; Nov. 7.
Bench, Work. M. H. McMillan. 2,159,172; May 23.
Bend, Expansion. W. Peuthert. 2,157,564; May 9.
Bending machine. A. E. Brickman and L. S. Platou. 2,178,926; Nov. 7.
Bending machine. J. F. Fischer. 2,182,626; Dec. 5.
Bending machine. G. R. Goin. 2,142,443; Jan. 3.
Bending machine. A. R. Kelso. 2,143,443; Jan. 10.
Bending machine, Angle-iron. A. Wachs. 2,169,669; Aug. 15.
Bending machine, Pipe or tube. J. H. Hawes. 2,168,123; Aug. 1.
Bending press, Hydraulic. J. R. Sheppard. 2,169,113; Aug. 8.
Bending tool. H. G. Holmes. 2,153,867; Apr. 11.
Benzanilides and their preparation, Substituted. S. S. Rossander and H. W. Mathieu. 2,150,190; Mar. 14.
Benzanthrone, Bromination of. M. A. Perkins and J. Deinet. 2,180,835; Nov. 21.
Benzanthrone series, Compounds of the. E. T. Howell. 2,170,381; Aug. 22.
Benzenecarboxylic acid fluorides containing trifluomethyl groups and preparing them. H. Kracker, O. Scherer, F. Müller, and W. Schumacher. 2,181,554; Nov. 28.
Benzene derivatives and uses therefor, Hydroxy halogenated. L. P. Kyrides. 2,171,494; Aug. 29.
Benzene derivatives, Preparation of. C. Conover and A. E. Huff. 2,143,509; Jan. 10.
Benzenes, Hydrogenation of mono nitrated alkoxy. C. O. Henke and R. G. Benner. 2,164,154; June 27.
Benzimidazoles and making same. C. Graenacher and J. Meyer. 2,170,474; Aug. 22.
Benzine, Ethylated-di-isipropyl. R. R. Dreisbach. 2,149,762; Mar. 7.
Benzol, Acid treating of. A. T. Scott. 2,155,367; Apr. 18.
Benzoquinone, Purification of. J. C. Schumacher. 2,144,433; Jan. 17.
Benzyl-oxyalkyl and hydroxyalkyl ethers of cinchona alkaloids and preparation. C. L. Butler, A. G. Renfrew, and L. H. Cretcher. 2,172,607–8; Sept. 12.

Beryllium and beryllium alloys, Production of reguline. H. von Zeppelin. 2,171,439; Aug. 29.
Beryllium compounds, Recovery of. A. Wille and G. Jaeger. 2,162,323; June 13.
Beryllium fluoride free from oxide, Obtaining. C. Adamoli. 2,173,290; Sept. 19.
Beryllium minerals, particularly beryl, Decomposing. G. Jaeger and A. Wille. 2,160,547; May 30.
Beryllium ores, Treatment of. D. Gardner. 2,166,659; July 18.
Beryllium oxide, Making. R. E. Windecker. 2,148,520; Feb. 28.
Beta-halogen-butadienes-1,3, Preparing. H. Lange and O. Horn. 2,180,115; Nov. 14.
Beta lactose, Making. P. F. Sharp and D. B. Hand. 2,182,618; Dec. 5.
Beta lactose, Preparing. P. F. Sharp and D. B. Hand. 2,182,619; Dec. 5.
Beta-(p-hydroxyphenyl)-isopropylamine, Preparation of derivatives of. G. Hildebrandt. 2,146,477–8; Feb. 7.
Beta-(p-hydroxyphenyl)-isopropylmethylamine, Preparation of. G. Hildebrandt. 2,146,473–5; Feb. 7.
Beta-(p-hydroxyphenyl)-isopropylmethylamines, Preparation of optically active. G. Hildebrandt and C. Freese. 2,146,476; Feb. 7.
Beverage. S. Musher. 2,176,032; Oct. 10.
Beverage. A. Schapiro. 2,157,632; May 9.
Beverage and liquid dispenser. R. A. Hennings. 2,168,211; Aug. 1.
Beverage brewing device. S. H. Geffner. 2,147,646; Feb. 21.
Beverage cooler. A. L. Hann. 2,169,387; Aug. 15.
Beverage cooler. C. Kavalir. 2,181,697; Nov. 28.
Beverage cooling and dispensing apparatus. F. G. Wilson. 2,144,005; Jan. 17.
Beverage cooling and dispensing apparatus and method. H. W. Ribble. 2,159,729; May 23.
Beverage cooling cabinet. H. A. Pfeiffer. 2,179,898; Nov. 14.
Beverage cooling device. F. Kurpiewski. 2,145,487; Jan. 31.
Beverage cooling device. F. Kurpiewski. 2,162,260; June 13.
Beverage device. C. E. Page. 2,166,728; July 18.
Beverage conditioning and dispensing apparatus, Portable. L. G. Copeman. 2,182,116; Dec. 5.
Beverage dispenser. F. L. Arensberg. 2,145,331; Jan. 31.
Beverage dispenser. D. H. Dolison and W. R. Kromer. 2,162,842; June 20.
Beverage dispenser. L. Wertheimer. 2,173,007; Sept. 12.
Beverage dispensing apparatus. F. W. and C. L. Holderle. 2,167,547; July 25.
Beverage dispensing apparatus. J. Mason. 2,143,823; Jan. 10.
Beverage dispensing apparatus. O. Muller. 2,182,032; Dec. 5.
Beverage dispensing apparatus. J. L. Norton. 2,167,309; July 25.
Beverage dispensing assembly. F. C. Hamilton. 2,150,439; Mar. 14.
Beverage dispensing device. C. H. Heitman. 2,151,104; Mar. 21.
Beverage dispensing system. N. De Steffan. 2,150,673; Mar. 14.
Beverage dispensing system with electrical advertising device. W. S. Kearns. 2,183,840; Dec. 19.
Beverage display and mixing machine. A. F. Willat. 2,150,792; Mar. 14.
Beverage flow control, Carbonated. F. W. Hess. 2,150,655; Mar. 14.
Beverage making apparatus. F. Lobl. 2,151,407; Mar. 21.
Beverage mixer. H. J. Chilton. 2,174,256; Sept. 26.
Beverage of reduced inebriating capacity, Alcoholic. L. Lilienfeld. 2,159,167; May 23.
Beverage serving apparatus. R. A. Riesgo. Re. 20,981; Jan. 17.
Beverages, Process and apparatus for conditioning and dispensing. T. L. Hartman. 2,154,677; Apr. 18.
Bias control, Automatic. R. B. Dome. 2,143,689; Jan. 10.
Bias transmitter. E. W. F. Hanke and W. J. Zenner. 2,183,613; Dec. 19.
Bias woven fabric. A. J. Gash. 2,159,264; May 23.
Bib. A. P. Elson. 2,174,694; Oct. 3.
Bib. H. E. Woolever. 2,164,369; July 4.
Bib, Paper. E. C. Gillette. 2,172,162; Sept. 5.
Bibb, Filler. W. H. Longstreet. 2,144,427; Jan. 17.
Bicycle. P. F. Meyer. 2,184,244; Dec. 19.
Bicycle. G. H. Mieher. 2,182,345; Dec. 5.
Bicycle. O. E. Stutsman and G. L. Becker. 2,182,828; Dec. 12.
Bicycle. R. H. Sullivan. 2,145,436; Jan. 31.
Bicycle basket mounting. E. F. Pawsat. 2,168,916; Aug. 8.
Bicycle drive. W. Hartmann. 2,172,473; Sept. 12.
Bicycle, Electric. T. M. McDonald. 2,179,418; Nov. 7.
Bicycle forks, Making. J. M. Singer. 2,160,039; May 30.
Bicycle frame. H. H. Henry. 2,153,249; Apr. 4.
Bicycle frame. F. W. Schwinn. 2,151,533; Mar. 21.
Bicycle frame or the like. E. E. Pease. 2,178,939; Nov. 7.
Bicycle front fork structure. F. W. Schwinn. 2,160,035; May 30.
Bicycle lock. R. E. Coats. 2,149,761; Mar. 7.
Bicycle lock. O. Taman. 2,143,502; Jan. 10.
Bicycle, Motor. L. Bruckmoser. 2,179,478; Nov. 14.
Bicycle, Motor powered. B. Roberts. 2,173,956; Sept. 26.
Bicycle spring fork mechanism. F. W. Schwinn. 2,160,034; May 30.
Bicycle transmission, Two-speed. F. F. Hosmer. 2,152,886; Apr. 4.
Bid scoring device for contract and auction bridge. W. B. Hill. 2,180,873; Nov. 21.
Bier. R. F. Brown. 2,177,169; Oct. 24.
Bier, Adjustable. B. J. and M. W. Lang. 2,158,546; May 16.
Bier, Casket. W. E. Klever. 2,150,582; Mar. 14.
Biguanides as flotation reagents, Substituted. D. W. Jayne, Jr., and A. E. Anderson. 2,180,926; Nov. 21.
Bilirubin, Preparing. J. D. Porsche, E. F. Pike, and J. L. Gabby. 2,166,073; July 11.
Billboard, Opened-face. H. E. Byrkett and C. H. Dial. 2,157,931; May 9.
Billboard, Prefabricated. M. Rosner. 2,151,872; Mar. 28.
Bill-coin-key case. C. E. Martin. 2,154,857; Apr. 18.
Billet handling device for tube mills. W. J. Assel. 2,156,218; Apr. 25.
Billfold. L. L. Gardner. 2,182,867; Dec. 12.
Billfold. A. Rauhaus. 2,158,913; May 16.
Billfold. I. Schwartz. 2,156,875; May 2.
Billfold. B. Stember and H. Weinstein. 2,154,826; Apr. 18.
Billfold. R. N. Wallace. 2,178,090; Oct. 31.
Billfold and handkerchief simulation, Combined. W. R. Cronn. 2,176,791; Oct. 17.
Billfold and key holder, Combined. P. Wege. 2,172,883; Sept. 12.
Billfold with secret pocket. T. M. Segal. 2,150,989; Mar. 21.
Billiard table. G. Proust. 2,147,107; Feb. 14.
Billing system, Automatic. C. L. Goodrum, E. E. Hinrichsen, and L. Keller. 2,165,925; July 11.
Bimetallic ice rack. M. Hokanson. 2,157,130; May 9.
Bin, Harvest collection. L. C. Pilcher. 2,147,798; Feb. 21.
Bin structure. J. H. Noggle. 2,143,227; Jan. 10.
Binder. H. T. Adams. 2,180,892; Nov. 21.
Binder. D. J. Akin. 2,178,275; Oct. 31.
Binder. H. Fabry. 2,178,887; Nov. 7.
Binder. H. E. Goldblatt. 2,146,013; Feb. 7.
Binder. G. Hammer. 2,180,106; Nov. 14.
Binder. J. Mandel. 2,157,080; May 2.
Binder. H. Thomsen. 2,174,144; Sept. 26.
Binder. C. D. Trussell. 2,156,232; Apr. 25.
Binder. E. A. Trussell. 2,157,872; May 9.
Binder. C. D. Trussell. 2,177,270; Oct. 24.
Binder. P. O. Unger. 2,151,539; Mar. 21.
Binder and coating materials and producing the same. R. E. Palmateer. 2,179,453; Nov. 7.
Binder and cutter mechanism for knitting machines. H. McAdams. 2,173,788; Sept. 19.
Binder composition. W. C. Chedic. 2,162,059; June 13.
Binder, Double duty. W. H. Knox and W. Graham. 2,164,746; July 4.
Binder for receipts and the like. W. L. Wolford. Re. 21,044; Apr. 4.
Binder, Foundry core. H. K. Salzberg. 2,145,317; Jan. 31.
Binder, Foundry core. H. K. Salzberg. 2,181,004; Nov. 21.
Binder, Load. S. M. Evans. 2,179,177; Nov. 7.
Binder, Load. L. Haubert. 2,157,451; May 9.
Binder, Loom. J. Dewhurst. 2,153,662; Apr. 11.
Binder, Loose leaf. R. S. Brown. 2,164,496; July 4.
Binder, Loose-leaf. E. J. Brunner. 2,178,277; Oct. 31.
Binder, Loose leaf. E. F. Buenger. 2,146,008; Feb. 7.
Binder, Loose leaf. J. Cooper and G. H. J. Baule. 2,159,009; May 23.
Binder, Loose-leaf. J. Cooper and J. M. Wall. 2,156,147; Apr. 25.
Binder, Loose leaf. J. O. Davis and F. M. Martin. 2,153,661; Apr. 11.
Binder, Loose-leaf. E. G. Dortch. 2,178,472; Oct. 31.
Binder, Loose leaf. K. Handler. 2,179,627; Nov. 14.
Binder, Looseleaf. R. W. Hunt. 2,160,147; May 30.
Binder, Loose leaf. C. H. Law. 2,177,144; Oct. 24.
Binder, Loose leaf. A. G. Lotter. 2,180,833; Nov. 21.
Binder, Loose leaf. D. McChesney and J. Cooper. 2,164,659; July 4.
Binder, Loose leaf. J. R. Newland. 2,168,802; Aug. 8.
Binder, Loose leaf. J. Schade. 2,181,769; Nov. 28.
Binder, Loose leaf. L. F. Scherzinger. 2,167,685; Aug. 1.
Binder, Loose-leaf. C. D. Trussell. 2,178,546; Nov. 7.
Binder, Loose-leaf. C. D. Trussell. 2,183,231; Dec. 12.
Binder, Loose leaf. P. O. Unger. 2,148,789; Feb. 28.
Binder, Loose leaf. P. O. Unger. 2,157,721; May 9.
Binder, Loose leaf. P. O. Unger. 2,164,967; July 4.
Binder, Loose leaf. P. O. Unger and J. H. Talmage. 2,178,767; Nov. 7.
Binder, Loose leaf. E. H. Zerbe. 2,162,153; June 13.
Binder, Loose-leaf ring. F. S. Schade. 2,150,590; Mar. 14.
Binder, Loose leaf ring. F. S. Schade. 2,163,856; June 27.

Binder, Loose leaf shift. W. E. Haskin. 2,142,786; Jan. 3.
Binder, Loose-leaf visible index. J. Schade. 2,179,756; Nov. 14.
Binder mechanism. H. Auburn. 2,179,874; Nov. 14.
Binder, Mineral fiber. J. H. Plummer. 2,184,316; Dec. 26.
Binder or holder for groups of periodicals and the like, and elements thereof. G. R. Thompson. 2,182,858; Dec. 12.
Binder, Ring. C. C. Cruzan. 2,170,260; Aug. 22.
Binder, Sample. A. Steinthal. 2,153,399; Apr. 4.
Binder, Ski. R. F. Meis. 2,153,809; Apr. 11.
Binder, Spiral. S. W. Dow. 2,169,943; Aug. 15.
Binder, Temporary. E. W. Ericson and R. Brauer. 2,181,968; Dec. 5.
Binders, Attachment for grain. W. A. Gooden. 2,153,461; Apr. 4.
Binders, Loose-leaf. E. Anthony. 2,170,106; Aug. 22.
Binders, Making loose-leaf. S. G. Johnson. 2,172,909; Sept. 12.
Binding. C. L'Enfant. 2,154,516; Apr. 18.
Binding, Apparatus for spiral. V. Catini. 2,177,054; Oct. 24.
Binding arrangement. J. F. Russell. 2,176,314; Oct. 17.
Binding construction. W. Grumbacher. 2,142,816; Jan. 3.
Binding device and pencil support. C. E. Morris. 2,171,188; Aug. 29.
Binding, Edge. J. S. Willis. 2,183,088; Dec. 12.
Binding for books. M. Gudis. 2,142,817; Jan. 3.
Binding for floor coverings, End. R. G. Knowland and J. N. Dow. 2,142,729; Jan. 3.
Binding, Leaf assembly. M. Wolfson. 2,155,576; Apr. 25.
Binding, Loose leaf. V. Catini. 2,149,838; Mar. 7.
Binding machine, Spiral. V. Catini. 2,166,519; July 18.
Binding medium. A. M. Fleuret. 2,182,291; Dec. 5.
Binding, Ski. E. R. Keller. 2,142,727; Jan. 3.
Binding, Ski. A. Refsdal. 2,183,171; Dec. 12.
Binding, Ski. T. Schlytter. 2,181,794; Nov. 28.
Binding, Ski. R. L. Tiefel. 2,144,207; Jan. 17.
Binding, Ski. R. Van Brunt. 2,166,979; July 25.
Binding, Spiral. W. Grumbacher. 2,147,369; Feb. 14.
Binding strip affixing device. A. W. Engel. 2,165,540; July 11.
Bindings to container mouth covers, Applying. R. O. Wilson. 2,151,000; Mar. 21.
Bindweed cutter. A. J. Warta. 2,150,304; Mar. 14.
Binocular loupe. C. H. O. Wittig. 2,155,575; Apr. 25.
Binocular viewing device for stereophotogrammetric instruments. H. Guldbrandsen. 2,149,601; Mar. 7.
Biological product. G. Shwartzman. 2,149,233; Feb. 28.
Bird caller. O. H. Harbin. 2,182,692; Dec. 5.
Birdproofing. J. S. Peles. 2,142,371; Jan. 3.
Biscuit molding machine. O. Kremmling. 2,167,388; July 25.
Biscuits, Apparatus for producing. W. P. Morton. 2,149,537; Mar. 7.
Biscuits, Producing. W. P. Morton. 2,149,538; Mar. 7.
Bismuth from copper or copper-containing melts and products, Removing. O. Nielsen and E. R. Lauber. 2,155,325; Apr. 18.
Bisulphite solutions, Apparatus for producing. G. Haglund. 2,147,161; Feb. 14.
Bisulphite solutions, Production of. G. Haglund. 2,147,162; Feb. 14.

Bit: *See*—

Composite bit.	Roller bit.
Core bit.	Rotary bit.
Demountable rock bit.	Rotary drill well bit.
Detachable blade core bit.	Rotary drilling bit.
Detachable drill bit.	Rotary well bit.
Diamond bit.	Spudding bit.
Drill bit.	Star-disk roller bit.
Drilling bit.	Tricone bit.
Four cone bit.	Turbine drill bit.
Mouth bit.	Well bit.
Rock bit.	Well-drilling bit.

Bit and holder therefor, Adjustable shankless. E. Reaney. 2,181,151; Nov. 28.
Bit and shank, Drill. L. Saltzer. 2,180,120; Nov. 14.
Bit brace. T. Hallikas. 2,142,750; Jan. 3.
Bit construction, Well. A. C. Catland. 2,182,247; Dec. 5.
Bit cutting machine, Conoidal. W. F. Zimmermann. 2,161,268; June 6.
Bit heating apparatus. L. A. Galambos, Jr. 2,160,265; May 30.
Bit shank slotting device, Detachable drill. C. E. Cook. 2,159,840; May 23.
Bit sharpening attachment for grinding machines. W. S. Schick. 2,146,355; Feb. 7.
Bit structure, Manufacturing roller. R. R. Crum. 2,171,058; Aug. 29.
Bit structure, Roller. R. R. Crum. 2,143,909; Jan. 17.
Bits, Casting diamond core drill. W. S. Jamar and E. H. Dodd. 2,147,843; Feb. 21.
Bits, Fabricating detachable drill. C. E. Cook. 2,159,842; May 23.
Bits, Making cutter. F. L. Fulke. 2,156,725; May 2.
Bits or other tools, Manufacturing diamond drill. F. W. Rolland. 2,147,175; Feb. 14.
Bits, Reconditioning detachable drill. C. E. Cook. 2,159,841; May 23.
Bite gauge. C. A. Butts. 2,154,148; Apr. 11.
Bitt and ventilator, Combined ship's. P. F. Leon. 2,150,556; Mar. 14.
Bitumen dispersions and making same. L. G. Gabriel and J. F. T. Blott. 2,163,445; June 20.
Bitumens, Products for treating. O. Smiley. 2,154,873; Apr. 18.
Bituminous bodies, Manufacture of formed. H. W. Greider and H. Marc. 2,157,696; May 9.
Bituminous emulsion and preparing the same, Stable. C. L. McKesson. 2,170,152; Aug. 22.
Biuret, Preparation of. J. Harmon. 2,145,392; Jan. 31.
Blackboard. G. W. Pettis. 2,161,587; June 6.
Black printer for photomechanical processes. J. A. C. Yule. 2,183,524; Dec. 19.
Black spot correcting means. R. Urtel. 2,169,714; Aug. 15.
Blade and packet, Protected. C. J. Tuttle. 2,150,592; Mar. 14.
Blade construction for aircraft sustaining rotors. J. A. J. Bennett. 2,152,861; Apr. 4.
Blade cutter. J. A. W. Madsen. 2,154,211; Apr. 11.
Blade, Cutting. C. L. Jeffrey. 2,184,045; Dec. 19.
Blade, Demountable. W. L. Valiquette. 2,178,710; Nov. 7.
Blade for aircraft sustaining rotors. J. de la Cierva. 2,161,699; June 6.
Blade holder. J. Benda. 2,166,855; July 18.
Blade holding means for hacksaws and the like. D. E. Priest and H. P. Macomber. 2,166,446; July 18.
Blade magazine. J. Muros. 2,159,933; May 23.
Blade or wing for aircraft, Rotary. J. A. J. Bennett. 2,164,678; July 4.
Blade sharpening machine. W. W. Hartman. 2,151,204; Mar. 21.
Blade slicing machine, Band. W. W. Hartman. 2,173,038; Sept. 12.
Bladed structure. F. J. Sullivan. 2,181,592; Nov. 28.
Bladed structure and producing same. F. J. Sullivan. 2,157,441; May 9.
Blades, Apparatus for grinding curved. H. W. Barnard. 2,147,079; Feb. 14.
Blades, Making cutting. A. B. Harris. 2,168,406; Aug. 8.
Blades, Making rib-back. M. Parker and J. W. B. Ladd. 2,184,150; Dec. 19.
Blank, Aluminum record. J. D. Edwards. 2,174,720; Oct. 3.
Blank feeding device. G. H. Esch. 2,175,169; Oct. 10.
Blank feeding device. S. I. Johnson. 2,163,145; June 20.
Blank for and making writing pens. L. H. Ashmore. 2,168,311; Aug. 1.
Blank for and method of manufacturing steel pens. S. E. Longmaid. 2,156,302; May 2.
Blank, Nut lock. W. A. Bergstrom. 2,164,305; July 4.
Blanket, Child. I. Bjornson. 2,150,486; Mar. 14.
Blanket, Crib. L. Malah. 2,151,434; Mar. 21.
Blanket fastener. M. Liebmann. 2,149,970–1; Mar. 7.
Blanket or plaid, Bed. E. H. Wallin. 2,164,848; July 4.
Blanket winding for a printing cylinder. I. Tornberg. 2,164,480; July 4.
Blanking machine. J., Jr., W. F., C. F., and J. Weber, Sr. 2,171,464; Aug. 29.
Blanks, Apparatus for reducing tubular. F. R. Krause. 2,161,065; June 6.
Blanks, Forming. W. W. Criley. 2,169,894; Aug. 15.
Blanks from plastic strip material, Cutting. F. Zonino. 2,167,734; Aug. 1.
Blanks from sheet material, Separating. A. J. Evers. 2,168,400; Aug. 8.
Blanks, Method and apparatus for elongating metal. F. R. Krause. 2,161,064; June 6.
Blanks, Printing and punching. A. C. Wood. 2,150,016; Mar. 7.
Blanks, Producing slitted H. M. Gersman. 2,181,228; Nov. 28.
Blanks, Sealing paperboard. S. Bergstein. 2,145,334; Jan. 31.
Blast burner. M. F. Betzold. 2,153,497; Apr. 4.
Blast material, Metallic. J. F. Ervin. 2,145,756; Jan. 31.
Blasting assembly. F. Young. 2,171,384; Aug. 29.
Blasting cap, Electric. C. R. Johnson and W. E. Kirst. 2,150,374; Mar. 14.
Blasting device. A. J. Tomalis. 2,163,475; June 20.
Blasting initiator, Electric. L. A. Burrows. 2,173,270; Sept. 19.
Blasting machine. M. D. McCarty. 2,160,222; May 30.
Bleaching. M. Evoy. 2,173,474; Sept. 19.
Bleaching. W. Hirschkind, D. J. Pye, and E. G. Thompson. 2,161,045; June 6.
Bleaching. G. P. Vincent. 2,166,330; July 18.
Bleaching and sterilizing agent, Preparation of a. G. van der Lee. 2,155,914; Apr. 25.
Bleaching process and composition. J. S. Reichert, W. S. Hinegardner, and H. L. Potter. 2,160,391; May 30.
Bleaching, Vapor phase. P. L. Magill. 2,155,728; Apr. 25.
Bleaching, washing, cleansing, and rinsing agents. O. Lind. 2,152,520; Mar. 28.
Bleaching with organic bleaching agent. P. J. Carlisle. 2,152,532; Mar. 28.
Bleed line by diffusion of light, Producing. O. R. Huggins. 2,178,118; Oct. 31.
Bleed lines on printing surfaces, Establishing. O. R. Huggins. 2,175,194; Oct. 10.

Bleeder, Automatic. L. A. Layne and H. C. Block. 2,169,561; Aug. 15.
Blending agent for gasoline. E. R. Gilliland and R. Rosen. 2,184,956; Dec. 26.
Blind. A. Durre. 2,179,882; Nov. 14.
Blind. A. T. Waterman. 2,155,985; Apr. 25.
Blind actuating mechanism, Venetian. H. K. Lorentzen. 2,165,492; July 11.
Blind, Adjustable. H. E. Mortimer. 2,152,705; Apr. 4.
Blind and awning, Flexible. C. Bauer. 2,149,157; Feb. 28.
Blind attachment, Venetian. E. H. Spenard. 2,181,101; Nov. 21.
Blind, Fabric Venetian. W. Houmère. 2,173,275; Sept. 19.
Blind, Hunter's. G. Killinger. 2,159,273; May 23.
Blind of the roller type, Flexible. A. Valeri. 2,152,936; Apr. 4.
Blind operating mechanism, Venetian. W. E. Shehan. 2,157,637; May 9.
Blind structure, Venetian. C. C. Zubiria. 2,158,454; May 16.
Blind tilter, Venetian. J. Nisenson. 2,181,706; Nov. 28.
Blind tilting structure, Venetian. H. H. Nelson. 2,174,994; Oct. 3.
Blind, Venetian. A. Bowman. 2,179,572; Nov. 14.
Blind, Venetian. J. Carreras and R. Laborda. 2,170,938; Aug. 29.
Blind, Venetian. C. E. Clancy. 2,180,863; Nov. 21.
Blind, Venetian. W. D. Clark, Jr. 2,142,629; Jan. 3.
Blind, Venetian. C. M. Guy. 2,176,259; Oct. 17.
Blind, Venetian. H. R. Haase. 2,172,657; Sept. 12.
Blind, Venetian. H. R. Haase. 2,182,804; Dec. 12.
Blind, Venetian. H. R. Haase. 2,183,289–90; Dec. 12.
Blind, Venetian. R. K. Hollingsworth. 2,148,812; Feb. 28.
Blind, Venetian. P. H. Kuyper. 2,166,599; July 18.
Blind, Venetian. P. H. Kuyper. 2,175,532; Oct. 10.
Blind, Venetian. F. E. Lawson. 2,149,301; Mar. 7.
Blind, Venetian. C. A. Lemp and L. H. Russell. 2,184,098; Dec. 19.
Blind, Venetian. H. K. Lorentzen. 2,154,909; Apr. 18.
Blind, Venetian. L. S. and C. W. Morse. 2,165,292; July 11.
Blind, Venetian. M. J. Nardulli and H. B. Jacobson. 2,175,549; Oct. 10.
Blind, Venetian. R. C. Pierce. 2,156,163; Apr. 25.
Blind, Venetian. R. C. Pratt. 2,174,249; Sept. 26.
Blind, Venetian. L. S. Simon. 2,170,877; Aug. 29.
Blind, Venetian. S. Udstad. 2,164,556; July 4.
Blind, Ventian. W. Wade and E. North. 2,152,116–17; Mar. 28.
Blind, Venetian. C. H. Wood. 2,181,412; Nov. 28.
Blind, Ventilator. T. Copeland. 2,153,075; Apr. 4.
Blind, Window. M. R. Kapp. 2,181,897; Dec. 5.
Blind, Window. H. L. Stone. 2,152,000; Mar. 28.

Block: *See*—
- Building block.
- Composite block.
- Concrete building block.
- Connector block.
- Crown block.
- Display block.
- Flier block.
- Flooring block.
- Fuse block.
- Glass building block.
- Index follower block.
- Knock-off block.
- Polishing block.
- Scotch block.
- Snatch block.
- Starting block.
- Stock feeding block.
- Toy building block.
- Tube and cooling block.
- Welded anchor block.
- Wire block.
- Wood sectional block.

Block and honeycomb work for regenerators, Filling. A. Schack and E. Pohl. 2,172,714; Sept. 12.
Block and insulation, Apparatus for manufacture of cork. P. E. Flotron. 2,167,801; Aug. 1.
Block and method of producing the same, Refractory cast. G. S. Fulcher. 2,145,113; Jan. 24.
Block and wall assembly, Glass construction. E. J. Winship. 2,162,987; June 20.
Block bearing. G. Fast. 2,167,882; Aug. 1.
Block construction, Multiple sheave. H. T. Nichols. 2,180,541; Nov. 21.
Block for bailing presses, Division. J. H. Blakemore. 2,184,577; Dec. 26.
Block for germinating seeds and growing plants and manufacture of such block. H. C. Avery. 2,143,468; Jan. 10.
Block for road surface marking. P. Shaw. 2,146,359; Feb. 7.
Block or conduit forming apparatus. D. Shaw. 2,164,953; July 4.
Block or the like, Building. J. J. Cantwell. 2,160,792; May 30.
Block press. G. J. Root and A. H. McCall. 2,152,569; Mar. 28.
Block system. M. H. Loughridge. 2,164,331; July 4.
Blocker, Skirt. H. Kirtley. 2,148,626; Feb. 28.
Blocks, Apparatus for assembling hollow building. M. K. Holmes and D. Jones. 2,143,696; Jan. 10.
Blocks, Apparatus for making. J. Gaskell. 2,147,836; Feb. 21.
Blocks for hollow walls, Building. E. G. Miller. 2,145,187; Jan. 24.
Blocks, Method of and apparatus for forming glass building. R. H. Barnard. 2,179,317; Nov. 7.
Blocks in frames, Securing structural. S. F. Cox. 2,156,678; May 2.
Blocks, Producing glass building. J. E. Bauer. 2,170,602; Aug. 22.
Blood circulation, Apparatus for stimulating. J. H. Emerson. 2,142,689; Jan. 3.
Blood pressure, Obtaining a substance lowering the. E. Wollheim. 2,175,334; Oct. 10.
Blood pressure testing machine. G. A. Snyder. 2,149,690; Mar. 7.
Blood product, Manufacturing of a. J. L. Norman. 2,165,721; July 11.
Blood stancher. W. O. Herrmann. 2,160,503; May 30.
Blood-sugar test. W. B. Fortune. 2,171,961; Sept. 5.
Blood, Treating. J. L. Norman. 2,165,722; July 11.
Blow-off apparatus for locomotive boilers. W. H. Hinsch. 2,146,144; Feb. 7.
Blow-off valve. W. H. Hinsch. 2,171,240; Aug. 29.
Blow-out preventer. L. F. Baash. 2,177,164; Oct. 24.
Blow-out preventer. L. E. Day. 2,168,764; Aug. 8.
Blow-out preventer. M. C. Inge. 2,162,018; June 13.
Blow-out preventer. J. W. MacClatchie. 2,144,682; Jan. 24.
Blowout preventer. J. W. MacClatchie. 2,159,540–1; May 23.
Blow-out preventer. A. J. and K. T. Penick. 2,145,458; Jan. 31.
Blow-out preventer. A. J. and K. T. Penick. 2,155,837; Apr. 25.
Blowout preventer. A. J. and K. T. Penick. 2,165,410; July 11.
Blow-out preventer for casing heads. E. J. Roach. 2,175,648; Oct. 10.
Blowpipe. H. S. George. 2,157,331; May 9.
Blowpipe. S. R. Oldham. 2,147,171; Feb. 14.
Blowpipe. A. L. Peterson. 2,164,256; June 27.
Blowpipe. R. L. Wagner. 2,164,972; July 4.
Blowpipe igniting apparatus. L. W. Young. 2,144,238; Jan. 17.
Blowpipe machine, Portable. L. W. Young. 2,148,666; Feb. 28.
Blower. E. L. Anderson. 2,143,100; Jan. 10.
Blower. E. L. Anderson. 2,155,631; Mar. 25.
Blower. O. D. H. Bentley. 2,150,670; Mar. 14.
Blower. F. C. Reggio. 2,178,405; Oct. 31.
Blower, A. G. Sutcliffe. 2,166,647; July 18.
Blower. H. P. Toler. 2,143,335; Jan. 10.
Blower. J. E. Whitfield. 2,180,377; Nov. 21.
Blower, Air. S. Squiller. 2,153,349; Apr. 4.
Blower and powder spraying device, Combined. H. W. Hoffman. 2,153,419; Apr. 4.
Blower apparatus. W. B. Flanders. 2,169,232; Aug. 15.
Blower apparatus. A. I. Ponomareff. 2,169,233–4; Aug. 15.
Blower cooling means for air cooled engines. F. W. Caldwell. 2,173,896; Sept. 26.
Blower, Crop. E. W. Saiberlich. 2,180,838; Nov. 21.
Blower, Electrically heated. G. Slayter. 2,175,224; Oct. 10.
Blower for annealing furnaces and the like. O. Wechsberg and H. Werner. 2,169,331; Aug. 15.
Blower, Gas turbine driven. A. Buchi. 2,159,422; May 23.
Blower, Soot. H. E. Brelsford, C. L. Howse, and F. Bowers. 2,142,778; Jan. 3.
Blower, Soot. R. J. Glinn. 2,142,783; Jan. 3.
Blower, Soot. E. Hahn. 2,163,489; June 20.
Blower, Soot. J. W. L. Simpson. 2,144,744; Jan. 24.
Blower, Turbine driven. A. Schütte. 2,173,595; Sept. 19.
Blower, Turbine driven. A. Schütte. 2,184,197; Dec. 19.
Blower valve. C. J. Scanlan. 2,147,801; Feb. 21.
Blowing device for rock drills. E. B. Lear. 2,177,391; Oct. 24.
Blue print coating. G. P. Ham. 2,165,166; July 4.
Blue-print coatings, Stabilization of. G. P. Ham and R. B. Barnes. 2,166,546; July 18.
Blue print machine and drier, Combined. W. L. Sullivan. 2,179,026; Nov. 7.
Blue-print sheets, Manufacture of. W. M. Hinman and W. G. Hollmann. 2,154,506; Apr. 18.

Board: *See*—
- Carton board.
- Dice board.
- Drop hammer board.
- Engraver's shading board.
- Foldable slicing board.
- Folding ironing board.
- Game board.
- Glass-cutting board.
- Health balancing board.
- Indicating board.
- Insulating structural board.
- Ironing board.
- Lazy board.
- Mortar board.
- Panel board.
- Pin board.
- Practice board.
- Shirt board.
- Stock quotation board.
- Stock quotation display board.
- Teeter board.

Board-cutting machine. T. T. Youngfelt, J. A. Besal, and R. H. Hurd. 2,169,575; Aug. 15.
Board for sinks, Draining. W. S. C. Glover. 2,144,183; Jan. 17.
Boardlike products, Making hard, dense, fibrous. G. H. Ellis. 2,161,655; June 6.
Boards of composition material, Method of and apparatus for treating. J. Ferla. 2,156,383; May 2.
Boards, Treating composition. J. Ferla. 2,156,382; May 2.
Boat. A. P. Brush. 2,162,058; June 13.
Boat. E. Bugatti. 2,151,836; Mar. 28.
Boat. A. J. Dawson. 2,171,686; Sept. 5.

Boat. D. Frisendahl. 2,154,040; Apr. 11.
Boat. E. G. Grant. 2,165,545; July 11.
Boat. E. G. Grant. 2,183,017; Dec. 12.
Boat. J. D. Hunt. 2,165,633; July 11.
Boat, Collapsible. G. Fischer. 2,183,137; Dec. 12.
Boat construction. A. H. Alexander. 2,150,958; Mar. 21.
Boat for exercises. A. E. Brandon. 2,183,345; Dec. 12.
Boat for use in high temperature furnaces, Metallic. G. H. Howe. 2,142,846; Jan. 3.
Boat hull construction. A. J. Higgins. 2,144,111; Jan. 17.
Boat lifting rack. G. L. Horton. 2,185,083; Dec. 26.
Boat mooring apparatus. E. J. Gorskey. 2,155,043; Apr. 18.
Boat, Pneumatic. L. A. Brown. 2,156,175; Apr. 25.
Boat, Portable. W. E. S. Thompson. 2,149,903; Mar. 7.
Boat propelling device. N. H. Nelson. 2,172,401; Sept. 12.
Boat, Speed. R. W. Frost. 2,172,674; Sept. 12.
Boat trailer apparatus. B. L. Payson. 2,171,889; Sept. 5.
Bobbin. F. E. Douglas. 2,170,773; Aug. 22.
Bobbin. W. J. Elvin. 2,166,243; July 18.
Bobbin. G. B. Markle, Jr. 2,155,140; Apr. 18.
Bobbin. A. D. Muller. 2,163,618; June 27.
Bobbin carrier for braiding machines. O. MacMurray. 2,147,493; Feb. 14.
Bobbin, Conditioning-yarn. R. B. Smith. 2,171,409; Aug. 29.
Bobbin for automatic looms, Antiturning. R. G. Turner. 2,172,335; Sept. 5.
Bobbin for wire weaving looms. J. P. Lacks. 2,170,334; Aug. 22.
Bobbin holder. J. V. Mann. 2,145.362; Jan. 31.
Bobbin receiver for looms. F. E. Douglas. 2,178,518; Oct. 31.
Bobbin, Spinner. W. W. Tew. 2,144,903; Jan. 24.
Bobbin stand. R. H. Lawson. 2,179,015; Nov. 7.
Bobbin stripper. J. E. Kimbirl. 2,149,778; Mar. 7.
Bobbin stripping mechanism. D. H. Donahoo. 2,183,863; Dec. 19.
Bobbin support for battery looms. W. H. Bahan. 2,154,656–7; Apr. 18.
Bobbin supporting and driving device. E. G. Guenther. 2,161,348; June 6.
Bobbing device. M. Ewald. 2,161,806; June 13.
Bodies and containers from artificial resins, Manufacture of hollow. H. Hoenig. 2,181,786; Nov. 28.
Bodies by the local application of heat, Apparatus for hardening metallic. W. E. Sykes. 2,156,884; May 2.
Bodies, Casting. A. L. Bennett. 2,159,349; May 23.
Bodies consisting substantially of magnesium oxide and calcium compounds, Producing lumpy, water-resistant. A. Pollak. 2,144,740; Jan. 24.
Bodies during shipment, Securing heavy. V. J. Gibbons. 2,159,848; May 23.
Bodies, Dynamic balancing of rotating. W. F. Westendorp. 2,165,992; July 11.
Bodies from cellulose products and other plastic masses. Process and apparatus for the production of hollow. K. Bratring. Re. 21,094; May 23.
Bodies in holes in other bodies, Method of and apparatus for securing hollow. J. F. G. Chobert. 2,150,361; Mar. 14.
Bodies of calcium chloride hydrate or analogous material, Apparatus for making formed. J. W. Spiselman and C. R. Downs. 2,154,708; Apr. 18.
Bodies of plastic material, Apparatus for making hollow. E. V. C. Fejmert. 2,163,118; June 20.
Bodies of solid calcium chloride hydrate, Formed. C. R. Downs and J. W. Spiselman. 2,154,672; Apr. 18.
Bodies on vehicles, Mechanism for holding demountable. B. F. Fitch. 2,166,948; July 25.
Bodies soluble in liquid, Cutting. E. Gerlach. 2,144,370; Jan. 17.
Body adjuster. N. T. Fogg. 2,172,609; Sept. 12.
Body and chassis construction, Combined. C. L. Eksergian. 2,157,649; May 9.
Body and seat construction, Automobile. J. H. Peters. 2,148,086; Feb. 21.
Body construction and heating and ventilating system. E. H. Piron. 2,178,644; Nov. 7.
Body for automotive vehicles, Closed. J. J. P. Vigroux. 2,157,366; May 9.
Body for motor vehicles with air-cooled rear engines, Streamline. M. Klavik. 2,171,091–2; Aug. 29.
Body for ornamental and practical purposes, Band. H. Bürk. 2,153,659; Apr. 11.
Body hoisting mechanism. E. R. Barrett. 2,142,089; Jan. 3.
Body mounting. G. E. Parker. 2,171,947; Sept. 5.
Bogie construction. H. W. Jonkhoff. Re. 21,009; Feb. 21.
Bogie for vehicles, Steerable. H. W. Jonkhoff. 2,182,437; Dec. 5.
Boiler: *See*—
Electric boiler.
Flash boiler.
Ham boiler.
Marine boiler.
Marine water tube boiler.
Mercury boiler.
Pressure combustion boiler.
Steam boiler.
Superheater boiler.
Tubular boiler.
Water tube boiler.
Boiler. S. Curtis. 2,146,565; Feb. 7.
Boiler. H. A. Faber. 2,168,197; Aug. 1.
Boiler. J. Krug. 2,146,261; Feb. 7.
Boiler. O. H. Hartmann and H. Trede. 2,149,438; Mar. 7.
Boiler. J. H. Lawrence. 2,169,843; Aug. 15.
Boiler. C. E. Lucke. 2,142,612; Jan. 3.
Boiler. J. R. McGuiness. 2,147,378; Feb. 14.
Boiler. H. S. Murphy. 2,169,276; Aug. 15.
Boiler. W. Robitzek and L. J. Bachler. 2,183,205; Dec. 12.
Boiler. W. M. Roth. 2,146,094; Feb. 7.
Boiler. J. M. Shimer. 2,156,610; May 2.
Boiler. K. Toensfeldt and B. J. Cross. 2,177,917; Oct. 31.
Boiler and beverage infuser, Combined water. G. Hegwein. 2,154,845; Apr. 18.
Boiler circulation. J. Blizard. 2,175,013; Oct. 3.
Boiler compound dispenser. J. W. Riley and M. Turton. 2,183,125; Dec. 12.
Boiler construction. W. J. McAllister. 2,178,376; Oct. 31.
Boiler construction. C. S. Turner. 2,152,935; Apr. 4.
Boiler feed apparatus. R. E. Strobel. 2,159,345; May 23.
Boiler feed arrangement, Mercury. O. L. Wood. 2,185,048; Dec. 26.
Boiler feeder. J. D. Jordan, D. F. Ellis, and C. W. Preston. 2,183,101; Dec. 12.
Boiler feeder. C. W. Preston, D. F. Ellis, and J. D. Jordan. 2,183,104; Dec. 12.
Boiler feeding apparatus. D. Lewis. 2,148,761; Feb. 28.
Boiler feeding apparatus. D. Lewis. 2,151,125; Mar. 21.
Boiler flue blower. F. W. Lindemann, Jr. 2,146,546; Feb. 7.
Boiler flue cleaner. R. F. McGowan. 2,144,163; Jan. 17.
Boiler, Mercury. A. J. Larrecq. 2,160,619; May 30.
Boiler plants, particularly for deep drilling operations, Method and apparatus for regulating the operation of steam. O. H. Hartmann. 2,142,473; Jan. 3.
Boiler signal control. J. R. Brown. 2,183,422; Dec. 12.
Boiler structure, Fireplace. C. W. Perry. 2,170,729; Aug. 22.
Boiler supporting arrangement, Locomotive. O. K. Kjolseth. 2,180,149; Nov. 14.
Boilers and accessory devices, Apparatus for the operation of steam. C. E. Lucke. 2,151,297; Mar. 21.
Boilers and accessory devices, Method and apparatus for the operation of steam. C. E. Lucke. 2,184,224; Dec. 19.
Boilers for steamships, Arrangement of main. O. Damsleth. 2,184,711; Dec. 26.
Boilers, Process of and apparatus for regulating the feed of single tube. E. F. Schwander. 2,152,979; Apr. 4.
Bolster. J. C. Tarbell. 2,170.879; Aug. 29.
Bolster, Car truck. K. R. Hammerstrom. 2,161,513; June 6.
Bolster, Railway car body. O. C. Duryea. 2,162,997; June 20.
Bolster spring. H. E. Anderson. 2,162,342; June 13.
Bolster spring unit. G. C. Christy. 2,158,000; May 9.
Bolster spring unit. C. J Holland. 2,171,064; Aug. 29.
Bolster spring unit. D. F. Sproul. 2,155,451; Apr. 25.
Bolt. H. A. Anderson. 2,161,271; June 6.
Bolt. E. Buggatti. 2,180,030; Nov. 14.
Bolt. G. I. Danly. 2,147,013; Feb. 14.
Bolt and like externally screw-threaded members. O. E. Simmonds. 2,159,866; May 23.
Bolt and nut assembly, Threadless. R. L. Barrett. 2,147,080; Feb. 14.
Bolt cushioning device. H. O. Eiane. 2,165,093; July 4.
Bolt, Electromagnetic latch. I. Goldfinger. 2,156,387; May 2.
Bolt, Expansion. M. F. Zifferer. 2,159,580; May 23.
Bolt fastening device and the like. G. A. Tinnerman. 2,168,721; Aug. 8.
Bolt for boat motors, Anchor. K. A. Ahlgren. 2,142,878; Jan. 3.
Bolt heater. H. H. Bates. 2,176,601; Oct. 17.
Bolt, Heel. D. Holmes. 2,162,171; June 13.
Bolt, Latch. R. E. Blue. 2,159,315; May 23.
Bolt lock. J. W. Geddes. 2,181,301; Nov. 28.
Bolt, Positive grip headless. D. Herst. 2,181,657; Nov. 28.
Bolt rethreader. L. J. Knettle. 2,166,957; July 25.
Bolt, Self-tapping. R. H. Upson. 2,167,558; July 25.
Bolt, Toggle. B. C. Place. 2,144,895; Jan. 24.
Bolt-up device, Automatic. L. L. Greterman. 2,162,167; June 13.
Bolt, Wheel. F. C. Pearson. 2,155,869; Apr. 25.
Bolting means for grinding machines. H. J. Mankoff. 2,167,954; Aug. 1.
Bolting or clamping device. H. M. Dreher. 2,162,611; June 13.
Bolts and similar articles, Manufacturing. J. A. Kinney. 2,146,825; Feb. 14.
Bolts, pins, and the like, Threaded and other. H. Rottenburg. 2,167,910; Aug. 1.
Bomb. J. P. Hulswit. 2,151,916; Mar. 28.
Bomb, Aircraft. W. Urban. 2,184,028; Dec. 19.
Bomb and bracket therefor, Fire extinguishing. A. F. Playfair, G. W. F. Brisbin, and R. C. Jordan. 2,168,136; Aug. 1.
Bomb displacing gear. G. L. Schuyler, A. C. Miles, and G. A. Chadwick. 2,177,673; Oct. 31.
Bomb release mechanism. W. G. McNeill, W. B. Kern, and R. W. Wade. 2,150,933; Mar. 21.

Bomb release mechanism. H. F. Vickers. 2,164,672; July 4.
Bomb releasing device, Automatic. A. Ovtschinnikoff. 2,161,081; June 6.
Bomb sight. E. W. Chafee and H. Murtagh. 2,162,698; June 20.
Bomb suspension. A. Ovtschinnikoff. 2,161,082; June 6.
Bomb tail. C. F. Lambert. 2,184,145; Dec. 19.
Bonbon cracker. W. Grigg. 2,142,894; Jan. 3.
Bond for rail joints, Electric. E. A. Everett. 2,180,350; Nov. 21.
Bond for rail joints, Electric. E. A. Everett. 2,182,798; Dec. 12.
Bonding and coating product. J. C. Patrick. 2,169,814; Aug. 15.
Bone drill device. G. M. Morrison. 2,144,342; Jan. 17.
Bone surgery appliance. E. E. Longfellow. 2,143,922; Jan. 17.
Book. E. W. Palmer. 2,153,639; Apr. 11.
Book. E. W. Palmer and H. L. Beutler. 2,180,965; Nov. 21.
Book and pencil holder, Loose-leaf. M. Vernon. 2,184,823; Dec. 26.
Book and the like index. O. A. H. Schulz. 2,142,460; Jan. 3.
Bookbinding device. G. A. Pratt. 2,174,041; Sept. 26.
Bookbinding machinery. R. Leighton. 2,159,439; May 23.
Bookcase filler. V. M. Barnett. 2,148,676; Feb. 28.
Book construction. J. P. Rose and F. L. Russell. 2,161,591; June 6.
Book gluing machine. H. Sieb. 2,169,114; Aug. 8.
Book hanger. J. H. Thornton. 2,149,801; Mar. 7.
Book holder. S. E. Elliott. 2,155,535; Apr. 25.
Bookkeeping machine. H. Neureiter and H. Schwenk. 2,176,146; Oct. 17.
Bookkeeping machine stand. W. T. Sagner. 2,160,990; June 6.
Book, Loose-leaf record. B. Klein and B. A. Heimbinder. 2,177,071; Oct. 24.
Bookmaking apparatus. A. L. Grammer. 2,160,728; May 30.
Book, Manifolding. A. R. Lawson. 2,158,292; May 16.
Book, Manifolding. H. Steven. 2,163,714; June 27.
Bookmarker. S. M. Abbott. 2,177,348; Oct. 24.
Bookmarker. C. C. Washburn. 2,150,953; Mar. 21.
Book, Memorandum. W. R. Buxton. 2,161,015; June 6.
Book package, Multiple pack. M. Polacsek. 2,155,203; Apr. 18.
Book page protector. E. E. Lemire. 2,149,922; Mar. 7.
Book protector. R. P. Sharp. 2,145,098–9; Jan. 24.
Book rack. W. E. Haskin. 2,157,894; May 9.
Book rack. W. E. Haskin. 2,160,141; May 30.
Book rack. R. G. Young. 2,151,259; Mar. 21.
Book, Record. C. Rubilino. 2,180,997; Nov. 21.
Book rest. U. Sawyer. 2,144,856; Jan. 24.
Book, Rotating visible frame. E. C. Gast, Jr. 2,169,488; Aug. 15.
Bookstack, Library. W. C. Bond. 2,182,422; Dec. 5.
Bookstand. A. M. Martin. 2,144,659; Jan. 24.
Book support. J. Hamilton. 2,165,255; July 11.
Book with exchangeable leaves and binding element therefor. I. V. Kramer. 2,153,575; Apr. 11.
Books and so forth, Device for binding. H. Fischer. 2,168,865; Aug. 8.
Books, Apparatus for processing. H. W. Faeber. 2,170,049; Aug. 22.
Books, Attachment for. I. M. Daly. 2,166,802; July 18.
Books, Binding. P. A. Frazier. 2,182,801; Dec. 12.
Books, Creasing the joints of. R. A. Davis. 2,151,957; Mar. 28.
Books, Treating unbound. C. Schramm. 2,163,812; June 27.
Booms, Attachment for. G. J. Clark. 2,169,556; Aug. 15.
Booster embalming tube. A. V. Bowmer. 2,156,522; May 2.
Booster, Magnetic traction. J. C. McCune. 2,159,814; May 23.
Booster mechanism. G. H. J. Baule. 2,150,019; Mar. 7.
Booster system for ignition circuits. E. W. Weston. 2,173,869–70; Sept. 26.
Boot and shoe. A. G. S. Buxton. 2,148,012; Feb. 21.
Boot and shoe stretching and lengthening device, Combination. C. Gregory. 2,170,754; Aug. 22.
Boot and the like. J. T. Murphy. 2,159,816; May 23.
Boot or shoe. O. Hutchison. 2,155,599; Apr. 25.
Booth and drier, Revolving spray. J. H. Beier. 2,167,567; July 25.
Booth, Convertible. L. W. Rentfrow, Sr. 2,144,083; Jan. 17.
Booth, Spray. E. Gustafsson. 2,180,586; Nov. 21.
Booth, Telephone. F. A. Kuntz. 2,155,495; Apr. 25.
Booth, Telephone. P. H. Sherron. 2,176,980; Oct. 24.
Booth, Voting. I. Zinser. 2,180,131; Nov. 14.
Bootleg, Railway. H. L. Bone. 2,146,462; Feb. 7.
Boots and shoes, Apparatus for making. K. Mayer. 2,174,133; Sept. 26.
Boots and shoes, Production of. C. Haber and E. Haumann. 2,180,234; Nov. 14.
Borate products, Producing caustic. C. F. Ritchie and L. G. Black. 2,146,093; Feb. 7.
Bore hole, Method and apparatus for identifying the nature of the formations in a. C. Schlumberger. 2,165,013; July 4.
Boreholes, Apparatus for orienting. A. G. H. Straatman. 2,178,191; Oct. 31.
Bore holes, Apparatus for surveying. A. Anderson. 2,144,422; Jan. 17.
Bore holes, Method and apparatus for continuous exploration of. J. J. Jakosky. Re. 21,102; May 30.
Bore holes, Method and apparatus for continuous exploration of. J. J. Jakosky. 2,150,169; Mar. 14.
Bore holes, Method and apparatus for continuous exploration of. J. J. Jakosky. 2,153,802; Apr. 11.
Bore holes, Method and apparatus for continuous exploration of. J. J. Jakosky. 2,181,601; Nov. 28.
Bores, Method and apparatus for lapping. H. S. Indge. 2,178,448; Oct. 31.
Boring and threading device. A. R. Swanson. 2,157,248; May 9.
Boring apparatus, Earth. C. H. Hunsaker. 2,149,345; Mar. 7.
Boring, Apparatus for. V. Pérébaskine, P. Gravirowsky, and S. Nikitine. 2,147,214; Feb. 14.
Boring bar holder. A. W. Kleiner. 2,170,246; Aug. 22.
Boring head. R. G. Jacobson. 2,182,478; Dec. 5.
Boring machine. E. J. Hirvonen. 2,181,055; Nov. 21.
Boring machine. W. D. Schmidt, A. P. Burns, and L. W. Corbett. 2,146,446; Feb. 7.
Boring machine. W. G. Vollmer. 2,174,709; Oct. 3.
Boring machine gauge. P. Jeschor. 2,156,500; May 2.
Boring tool. E. Barnes. 2,179,029; Nov. 7.
Boring tool. E. L. Shaw. 2,168,176; Aug. 1.
Boring tool. W. K. Young. 2,178,384; Oct. 31.
Boring tool, Universal. G. J. Weidner. 2,151,251; Mar. 21.
Boron fluoride, Manufacturing. E. L. Baldeschwieler. 2,163,232; June 20.
Boron fluoride, Preparation of anhydrous. D. J. Loder. 2,160,576; May 30.
Bottle and blank for forming it. F. C. Fisk. 2,172,504; Sept. 12.
Bottle and parts thereof, Nonrefillable. A. Podel. 2,184,468; Dec. 26.
Bottle and stopper grinding machine. J. J. Jeffries and H. C. Knoblock. 2,154,681; Apr. 18.
Bottle and support therefor, Vacuum. A. H. Payson and C. O. Duevel, jr. 2,163,056; June 20.
Bottle and syringe holder, Insulin. J. A. O'Neill. 2,174,329; Sept. 26.
Bottle attachment, Seltzer. R. Epstein. 2,148,047; Feb. 21.
Bottle, Automatic carbonating siphon. D. E. Bowman. 2,173,929; Sept. 26.
Bottle breaker. L. S. Farner, H. L. Beals, and A. A. Haladik. 2,167,040; July 25.
Bottle breaker. G. La Vigne. 2,178,797; Nov. 7.
Bottle breaker, Safety. T. R. Heman and F. Gruenes. 2,177,926; Oct. 31.
Bottle breaker, Safety. W. Lieb. 2,168,226; Aug. 1.
Bottle breaking device. L. Burgess. 2,172,496; Sept. 12.
Bottle breaking device. A. Fritz. 2,168,026; Aug. 1.
Bottle cap. L. Abbotts. 2,170,045; Aug. 22.
Bottle cap. M. C. Atwood. 2,156,258; May 2.
Bottle cap. S. B. Hunt, Jr. 2,180,055; Nov. 14.
Bottle cap. G. H. Hutaff, Jr. 2,157,239; May 9.
Bottle cap. O. L. Koscherak. 2,157,937; May 9.
Bottle cap. R. A. Markle. 2,151,129; Mar. 21.
Bottle cap. I. L. Wilcox. 2,176,317; Oct. 17.
Bottle cap machine. G. J. Ahles. 2,155,288; Apr. 18.
Bottle cap, Paper. D. Bensel. 2,184,869; Dec. 26.
Bottle-cap remover. E. P. Tiffault. 2,168,832; Aug. 8.
Bottle capping apparatus. L. L. Seymour. 2,164,026; June 27.
Bottle carrier. E. H. Lupton. 2,160,550–1; May 30.
Bottle carrier. A. Wesselman. 2,171,615; Sept. 5.
Bottle closure. J. B. Eisen. 2,151,019; Mar. 21.
Bottle closure. S. J. Genei. 2,179,147; Nov. 7.
Bottle closure. J. R. Hoge. 2,162,455; June 13.
Bottle closure. C. J. Jesnig. 2,173,570; Sept. 19.
Bottle closure. P. Kleid. 2,156,654; May 2.
Bottle closure. E. Stephany. 2,177,310; Oct. 24.
Bottle closure and liquid dispenser, Combined. B. Diefenbach. 2,167,476; July 25.
Bottle closure and liquid withdrawal device, Combined. A. S. Moffat. 2,150,862; Mar. 14.
Bottle closure, Nonrefillable. T. F. Kolts. 2,179,511; Nov. 14.
Bottle closure or the like and paperboard therefor. F. A. Strovink. 2,167,783; Aug. 1.
Bottle collar. C. J. Wolf, Jr. 2,145,148. Jan. 24.
Bottle, Comfort. L. B. Farrell. 2,182,254; Dec. 5.
Bottle cooler. P. Schlumbohm. 2,163,568; June 20.
Bottle cover. H. L. Keun. 2,169,986; Aug. 15.
Bottle cover device, Universal. P. Schneider, P. Brown, and P. Hannuss. 2,147,758; Feb. 21.
Bottle covering and sealing machine. W. L. Long. 2,153,579; Apr. 11.
Bottle, Dispensing. J. J. Rothstein. 2,148,840; Feb. 28.
Bottle display collar. L. S. Olsen. 2,184,846; Dec. 26.
Bottle filler attachment, Milk. C. O. Barger. 2,171,386; Aug. 29.
Bottle filler, Carbonated water. R. J. Helberg. 2,183,770; Dec. 19.
Bottle filling apparatus. A. J. Lippold. 2,176,557; Oct. 17.
Bottle filling machine. L. E. Fagan and A. B. Mojonnier. 2,147,366; Feb. 14.

Bottle filling machine valve. J. Kantor. 2,180,296; Nov. 14.
Bottle filling valve. W. Lemire. 2,157,292; May 9.
Bottle fizzing attachment. W. J. Simmons. 2,169,506; Aug. 15.
Bottle holder. H. K. Powell. 2,163,290; June 20.
Bottle holder. H. K. Powell. 2,172,090; Sept. 5.
Bottle holder. M. B. Rosenberg. 2,182,164; Dec. 5.
Bottle hooding machine. N. W. Lyon. 2,149,399; Mar. 7.
Bottle hooding machine. N. W. Lyon. 2,170,760; Aug. 22.
Bottle hooding machine. R. M. Price. 2,170,765; Aug. 22.
Bottle, Inkwell. G. R. Weisz. Re. 21,134; June 27.
Bottle labeling apparatus. L. Mandel. 2,147,262; Feb. 14.
Bottle labeling machine. G. M. Biner. 2,182,785; Dec. 12.
Bottle, Metal. R. J. Held. 2,157,896; May 9.
Bottle, Milk. J. F. Watson. 2,177,396; Oct. 24.
Bottle, Nonrefillable. J. H. Frederick. 2,144,621; Jan. 24.
Bottle, Nonrefillable. M. M. Kistner. 2,148,476; Feb. 28.
Bottle, Nonrefillable. T. F. Kolts. 2,179,510; Nov. 14.
Bottle, Nonrefillable. J. W. Maussenet. 2,146,903; Feb. 14.
Bottle rack. R. R. Barnes. 2,155,884; Apr. 25.
Bottle sealing apparatus. E. Pommer. 2,157,013; May 2.
Bottle-sealing cap. H. F. Kniesche. 2,173,785; Sept. 19.
Bottle sterilizer. D. N. Peirce. 2,162,228; June 13.
Bottle testing apparatus. F. W. Preston. 2,167,185; July 25.
Bottle, Vending machine. R. A. Blunt. 2,169,869; Aug. 15.
Bottle-wadding machine. T. C. Kelly. 2,171,572; Sept. 5.
Bottle washer. C. Hamann. 2,144,759; Jan. 24.
Bottle washing mechanism. H. B. Orndorff and S. J. Parker. 2,177,740; Oct. 31.
Bottle, Water. M. B. Reach. 2,168,239; Aug. 1.
Bottles and jars, Apparatus for handling. C. A. Heyne. 2,154,126; Apr. 11.
Bottles and other containers, Mechanism for labeling. S. T. Carter. 2,159,318; May 23.
Bottles, Apparatus for capping. E. N. Winslow. 2,149,377; Mar. 7.
Bottles, Capping. M. T. Curtin. 2,165,132; July 4.
Bottles, etc., Protection of milk. S. D. Gehman. 2,144,592; Jan. 17.
Bottles, jars, or the like containers, Apparatus for cleaning. T. E. Hill and N. C. Harrison. 2,162,951; June 20.
Bottles or the like and machine for effecting the same, Capping. J. H. Ramsey. 2,162,745; June 20.
Bottles or the like, Device for delivering milk. A. W. Brierley, N. Dunkerley, and J. Hunter. 2,158,397; May 16.
Bottling apparatus. E. L. Chaffee. 2,175,682; Oct. 10.
Bottom construction, Shoe. M. E. Duckoff. 2,151,018; Mar. 21.
Bottom for bags. D. Lewis. 2,166,360; July 18.
Bottom hole choke. C. H. McNeese and C. C. Loveless, Jr. 2,178,540; Nov. 7.
Bow and sight therefor, Archery. J. R. Tate. 2,163,503; June 20.
Bow holder. N. L. Solomon. 2,169,596; Aug. 15.
Bow, Supporting. O. E. Uebergang. 2,172,303; Sept. 5.
Bowden device, Divisible. A. Lesage. 2,148,867; Feb. 28.
Bowl. E. P. Smith. 2,170,311; Aug. 22.
Bowl, Child's feeding. G. Paul. 2,156,351; May 2.
Bowl, Manicure. F. V. Preve. 2,169,990; Aug. 15.
Bowl, Smoker's. E. Hemming. 2,177,107; Oct. 24.
Bowling alley gauge. G. R. Foster. 2,161,704; June 6.
Bowling, Apparatus for. I. Shoor. 2,184,950; Dec. 26.
Bowling game apparatus, Miniature. J. C. Nielsen. 2,149,786; Mar. 7.
Bowling game device. W. F. Thompson and E. E. Gowell. 2,145,840; Jan. 31.
Bowling pin. I. E. Guimond. 2,180,676; Nov. 21.
Box: *See*—
Ammunition box.
Animal shipping box.
Annealing box.
Article collection and delivery box.
Bait and tackle box.
Battery box.
Brush and utility paint box.
Burial box.
Carburizing box.
Cardboard box.
Cellular box.
Chick box.
Cigar box.
Collapsible box.
Collapsible paper box.
Compartment box.
Dispensing box.
Display box.
Electric meter box.
Electric outlet box.
Extension edge box.
Fare box.
Feeding box.
Filing box.
Fill box.
Float box.
Flower display box.
Foldable box.
Folded box.
Folding box.
Folding paper box.
Gear box.
Grader and dump box.
Grayhound starting box, Glass.
Handle box.
Jewelry box.
Journal box.
Locomotive driving box.
Locomotive smoke box.
Lug box.
Lunch box.
Mail box.
Match box.
Meter box.
Meter connection box.
Multishuttle box.
Newspaper box.
Octagonal box.
Ornamental box.
Outlet box.
Paint box.
Pitcher's box.
Portable water color box.
Powder packing box.
Print box.
Reinforced box.
Release box.
Rural mail box.
Set-up insulation box.
Shipping and filing box.
Shipping box.
Shuttle box.
Sign box.
Starting box.
Stuffing box.
Utility box.
Watch box.
Wire bound box.
Box. P. F. Boeye. 2,177,933; Oct. 31.
Box. R. J. Byers. 2,167,329; July 25.
Box. J. W. Chalmers. 2,163,828; June 27.
Box. A. and D. Di Domenico. 2,169,382; Aug. 15.
Box. B. James. 2,144,978–9; Jan. 24.
Box. B. S. Katz. 2,181,402; Nov. 28.
Box. E. Pulsifer. 2,145,993; Feb. 7.
Box. J. S. Saylor. 2,179,731; Nov. 14.
Box. C. A. Stopper. 2,157,062; May 2.
Box. M. E. Vaughn. 2,162,235; June 13.
Box and fruit treating apparatus. C. B. Cook. 2,145,475; Jan. 31.
Box and hinge therefor. A. T. Bryant. 2,144,481; Jan. 17.
Box and making same, Switch. A. W. Thomasen. 2,156,644; May 2.
Box and packing therefor, Stuffing. J. R. Cole. 2,142,179; Jan. 3.
Box and transporting the same, Load. N. A. Ludington. 2,144,410; Jan. 17.
Box and tray, Combined match. G. W. Hamilton and V. H. Rowlett. 2,151,426; Mar. 21.
Box assembly, Locker. E. H. Whitaker. 2,172,266; Sept. 5.
Box attachment, Powder. J. L. Decker. 2,143,058; Jan. 10.
Box blanking machine. M. A. Waters. 2,164,436; July 4.
Box blanks, Device for making. R. F. Moritz. 2,181,197; Nov. 28.
Boxcar. W. H. Sagstetter. 2,144,730; Jan. 24.
Boxcar, Charging. C. E. Lehr. 2,142,792; Jan. 3.
Box, carton, or tray, Paper. J. J. Murray. 2,179,421; Nov. 7.
Box construction. F. Weindel, Jr. 2,158,972; May 16.
Box construction, Cellular. P. Walker 2,172,896; Sept. 12.
Box construction, Folding. C. R. Weiller. 2,177,507; Oct. 24.
Box construction, Paper. J. H. Lentine and V. Loigman. 2,170,759; Aug. 22.
Box corner construction. L. A. Shoemaker. 2,147,676; Feb. 21.
Box cover retainer. J. J. Kulhanek. 2,175,124; Oct. 3.
Box element multiplier. R. L. Snyder. 2,163,966; June 27.
Box extension device, Fire alarm. H. F. Strebel and J. Kries. 2,175,976; Oct. 10.
Box for a gas lock, Outlet. H. E. Malear. 2,179,416; Nov. 7.
Box for cotton gins, Expanding roll. J. J. Wallace. 2,142,977; Jan. 3.
Box for fluid pressure engines, Stuffing. H. Hillier and J. Sim. 2,178,075; Oct. 31.
Box for Fourdrinier machines, Head. O. W. Frost. 2,148,613; Feb. 28.
Box for leaking gas lines, Safety. J. J. Korn. 2,171,935; Sept. 5.
Box for paper machines, Stock feed. E. E. Berry. 2,171,739; Sept. 5.
Box for rolling stock for railways and tramways, Grease. J. U. Echevarria. 2,170,471; Aug. 22.
Box forming system. L. H. Lange and C. H. Nitsch. 2,144,764; Jan. 24.
Box holder. J. Hy. 2,155,760; Apr. 25.
Box lid, Journal. O. C. Duryea. 2,164,644–5; July 4.
Box machine, Paper. M. H. Sidebotham. 2,168,751; Aug. 8.
Box-marking machine. J. H. Garrott. 2,169,238; Aug. 15.
Box or container. C. F. McAleer. 2,146,832–3; Feb. 14.
Box or the like with collapsible partitions. A. G. Anderson. 2,145,106; Jan. 24.
Box press. L. E. Jones and H. L. Smith. 2,163,126; June 20.
Box stacker. J. W. Stevenson. 2,161,836; June 13.
Box stitcher. W. O. Sims. 2,156,165; Apr. 25.
Box stitching machine. M. N. Matveyeff. 2,182,594; Dec. 5.
Box strapping machine. F. M. Byl. 2,182,221; Dec. 5.
Box strapping machine. R. E. Cruse. 2,151,956; Mar. 28.
Box strapping machine. H. E. Twomley. 2,145,465; Jan. 31.
Box structure. C. H. Ballard. 2,157,686; May 9.
Box system. L. H. Lange. 2,144,338; Jan. 17.
Box with adjustable support, Outlet. S. L. Gibson. 2,178,168; Oct. 31.
Box with stock control tag and making the same. C. L. Claff. 2,142,470; Jan. 3.
Box without packing, Stuffing. N. Difazio. 2,153,825; Apr. 2.
Boxes, Forming conduit outlet. C. S. Brown. 2,153,657; Apr. 11.

Boxes, Making. C. L. Claff. 2,175,953; Oct. 10.
Boxes, Making. K. W. Macdonald. 2,154,950; Apr. 18.
Boxes, Making. E. G. Rider. 2,168,422; Aug. 8.
Boxes, Making paper. C. L. Claff. 2,143,763; Jan. 10.
Boxes, Manufacture of locked corner. M. H. Sidebotham. 2,180,748; Nov. 21.
Boxes, Mechanism and method for reinforcing one-piece. S. Bergstein. 2,145,682; Jan. 31.
Boxes, Method and apparatus for assembling wrapped. H. A. Carruth. 2,166,126; July 18.
Boxes, Method and machine for making covered folding. M. H. Sidebotham. 2,147,614; Feb. 14.
Boxes or cartons, Method of and machine for sealing. J. Van Buren. 2,160,008; May 30.
Boxes or the like with printed wrappers, Making paper. C. L. Claff. 2,166,287; July 18.
Boxes, System for making and/or wrapping. J. S. Stokes. 2,152,775; Apr. 4.
Brace. P. C. Williams. 2,162,189; June 13.
Brace and braced frame. L. I. Beckwith. 2,154,599; Apr. 18.
Brace and hanger, Combination. G. F. McDonald. 2,174,800; Oct. 3.
Brace, Antirattle spring saddle. E. D. Wilkerson. 2,170,177; Aug. 22.
Brace, Articulated leg. F. A. Dresser. 2,174,719; Oct. 3.
Brace, Bolster center. J. E. Tesseyman and L. G. Miller. 2,143,216; Jan. 10.
Brace, Camera tripod. F. Cavuoti. 2,160,538; May 30.
Brace, Cross-arm. C. A. Booker and A. E. Hill. 2,156,448; May 2.
Brace, Double cross-arm. C. A. Booker and A. E. Hill. 2,156,447; May 2.
Brace for fence posts. A. W. Nelson. 2,147,496; Feb. 14.
Brace for folding tables, Leg. W. A. Griesedieck. 2,183,070; Dec. 12.
Brace for furniture. J. H. Gross. 2,147,437; Feb. 14.
Brace for track type tractors, Torque. E. A. Johnston, C. R. Rogers, and W. O. Bechman. 2,156,565; May 2.
Brace, Knee. A. K. Snyder. 2,144,641; Jan. 24.
Brace, Miner's lamp. J. H. Horsley. 2,151,471; Mar. 21.
Brace, Sidesway. S. M. Nampa. 2,150,746; Mar. 14.
Brace, Spinal. W. L. Bell. 2,181,689; Nov. 28.
Bracing and operating means for closures. D. H. Morgan. 2,159,040; May 23.
Bracing device. E. J. and W. L. Driscoll. 2,154,735; Apr. 18.
Bracing for assembled electrolytic cell bodies or the like. H. Niederreither. 2,143,793; Jan. 10.
Bracelet. E. J. Beaupre. 2,164,197; June 27.
Bracelet. C. McDonald. 2,184,942; Dec. 26.
Bracelet attachment. A. B. Goulden. 2,159,079–80; May 23.
Bracelet connector. S. Ritter. 2,160,316; May 30.
Bracelet construction. E. Haeffner. 2,157,076; May 2.
Bracelet construction. A. O. Schoeninger. 2,184,319; Dec. 26.
Bracelet fastening device. A. Maski. 2,146,125; Feb. 7.
Bracelet or the like. N. Levy. 2,164,657; July 4.
Bracelet structure and making the same. K. Fassnacht and L. W. Ballou. 2,180,980; Nov. 21.
Bracket: *See*—
Automobile visor bracket.
Brake hanger bracket.
Electrical wire bracket.
Electromagnetic rail brake.
Electropneumatic brake.
Hand brake.
Hydraulic brake.
Kitchen utensil bracket.
Mirror bracket.
Mounting bracket.
Partition supporting bracket.
Pin bracket.
Pipe bracket.
Rayon spinning machine funnel bracket.
Rear vision mirror bracket.
Scaffolding bracket.
Shade bracket.
Shower bracket.
Sill and wall bracket.
Thermometer bracket.
Toilet seat cover dispenser bracket.
Venetian-blind bracket.
Wall bracket.
Wheel brake.
Wire bracket.
Bracket. C. Cardillo. 2,163,511; June 20.
Bracket. W. A. Douglas and C. Berry. 2,178,202; Oct. 31.
Bracket. H. C. Hoffman. 2,150,222; Mar. 14.
Bracket. W. E. Hull. 2,167,046; July 25.
Bracket. L. J. Sladek. 2,176,644; Oct. 17.
Bracket and holder, Flashlight. B. F. Muldoon. 2,159,932; May 23.
Bracket and installation thereof, Mounting. W. H. Churchill. 2,144,910; Jan. 24.
Bracket and supporting standard, Adjustable shelf. E. Swedman and L. Stifter. 2,157,309; May 9.
Bracket construction, Visor. M. Sovis. 2,167,962; Aug. 1.
Bracket for attaching conduits to walls. J. A. Peterman. 2,162,340; June 13.
Bracket for automobile robe rails. A. Claud-Mantle. 2,155,834; Apr. 25.
Bracket for automobile robe rails. A. Claud-Mantle. 2,169,920; Aug. 15.
Bracket for automobiles, Assist cord and coat hanger. A. Claud-Mantle. 2,172,168; Sept. 5.
Bracket for bathroom accessories. L. J. Sladek. 2,158,734; May 16.
Bracket for bottles, Wall. A. H. Payson and C. O. Duevel, Jr. 2,170,063; Aug. 22.
Bracket for curtain rods or the like. R. Gill. 2,144,242; Jan. 17.
Bracket for cycles, Crank. W. Hutton and E. B. Hammond. 2,144,976; Jan. 24.
Bracket for cylindrical vessels, Supporting. E. H. Nilson and F. A. Carstens. 2,167,000; July 25.
Bracket for nursery chairs. R. E. Elliott. 2,146,206; Feb. 7.
Bracket for shelves, Corner. P. H. Meyer. 2,168,911; Aug. 8.
Bracket for supporting a direction indicator or the like. P. P. Gutierrez. 2,156,849; May 2.
Bracket for tools and the like, Adjustable supporting. L. M. Latsch. 2,150,802; Mar. 14.
Bracket for trolley retrievers. C. I. Earll. 2,179,074; Nov. 7.
Bracket for Venetian blinds, Head-bar. H. K. Lorentzen. 2,168,417; Aug. 8.
Braid, Ball fringe. L. Boggero and R. Broder. 2,182,653; Dec. 5.
Braider carrier. F. Mossberg. 2,144,990–1; Jan. 24.
Braiding carrier. M. Krissiep. 2,167,930; Aug. 1.
Braiding machine. J. G. Aldrich. 2,158,266; May 16.
Braiding machine. J. Koppel. 2,175,401; Oct. 10.
Braiding machine. L. H. Krippendorf. 2,148,164; Feb. 21.
Braiding machine. E. M. Petersen. 2,177,742; Oct. 31.
Braiding machine carrier. C. S. Barningham. 2,166,336; July 18.
Braille writer. J. Steffen. 2,155,777; Apr. 25.
Brake: *See*—
Air brake.
Armature brake.
Automobile brake.
Automotive brake.
Coaster brake.
Cycle and like brake.
Disk brake.
Drum brake.
Electromagnetic brake.
Electropneumatic brake.
Empty and load brake.
Filter block brake.
Fluid brake.
Fluid pressure brake.
Freight car brake.
Friction brake.
Hand brake.
Hydraulic brake.
Hydraulic four-wheel brake.
Hydrostatic brake.
Inertia controlled brake.
Light and load brake.
Magnetic rail brake.
Magnetic track brake.
Mechanical brake.
Nonskidding brake.
Portable bending brake.
Railway brake.
Retardation control brake.
Retardation controlled brake.
Roller skate brake.
Rudder brake.
Ski brake.
Sled brake.
Speed and load controlled brake.
Speed controlled brake.
Trailer brake.
Transmission brake.
Truck brake.
Two-speed coaster brake.
Variable load brake.
Vehicle brake.
Vehicle emergency brake.
Vehicle wheel brake.
Wheel brake.
Wind brake.
Worm drive brake.
Brake. E. H. Berno. 2,167,706; Aug. 1.
Brake. L. Bertrand. 2,157,277; May 9.
Brake. J. C. Boetto. 2,152,022; Mar. 28.
Brake. H. C. Bowen. 2,161,278; June 6.
Brake. H. C. Bowen. 2,180,453; Nov. 21.
Brake. K. P. Brace. 2,160,055; May 30.
Brake. W. Brauer. 2,151,892–3; Mar. 28.
Brake. R. T. Burnett. 2,168,700; Aug. 8.
Brake. W. A. Carnes. 2,155,818; Apr. 25.
Brake. T. P. Chase. 2,146,010; Feb. 7.
Brake. R. B. Cottrell. 2,169,960; Aug. 15.
Brake. F. H. Davis. 2,181,988; Dec. 5.
Brake. A. Y. Dodge and M. W. McConkey. 2,144,012; Jan. 17.
Brake. H. Fisher. 2,173,582; Sept. 19.
Brake. G. M. Fitts. 2,167,297; July 25.
Brake. O. H. Fowler. 2,176,398; Oct. 17.
Brake. D. L. Gallup. 2,144,016; Jan. 17.
Brake. D. L. Gallup. 2,170,893; Aug. 29.
Brake. R. A. Goerpfrich. 2,144,019; Jan. 17.
Brake. R. A. Goepfrich. 2,152,040–1; Mar. 28.
Brake. R. A. Goepfrich. 2,168,646; Aug. 8.
Brake. M. S. Graves. 2,181,271; Nov. 28.
Brake. C. E. Gregory. 2,158,624; May 16.
Brake. J. G. Hawley. 2,174,243; Sept. 26.
Brake. B. E. House. 2,163,879; June 27.
Brake. G. H. Hunt. 2,144,020; Jan. 17.
Brake. W. H. Hunter. 2,174,724; Oct. 3.
Brake. J. S. Irving. 2,160,071; May 30.
Brake. J. S. Irving. 2,168,648; Aug. 8.
Brake. J. S. Irving. 2,177,456; Oct. 24.
Brake. J. W. Jones and F. C. Reilly. 2,166,157; July 18.
Brake. H. H. Kerr. 2,148,268; Feb. 21.
Brake. V. W. Kliesrath. 2,181,732; Nov. 28.
Brake. G. C. R. Kuiper. 2,174,921; Oct. 3.
Brake. L. E. La Brie. 2,144,023–5; Jan. 17.
Brake. L. E. La Brie. 2,148,240; Feb. 21.
Brake. L. E. La Brie. 2,152,066–7; Mar. 28.
Brake. L. E. La Brie. 2,163,884; June 27.
Brake. L. E. La Brie. 2,167,721; Aug. 1.
Brake. H. S. Lamb. 2,152,489; Mar. 28.
Brake. M. W. McConkey. Re. 21,280; Nov. 28.
Brake. S. E. McFarland. 2,154,690; Apr. 18.
Brake. J. M. Milan. 2,177,372; Oct. 24.
Brake. C. L. Miler. 2,184,050; Dec. 19.
Brake. A. J. Musselman. 2,167,551; July 25.
Brake. W. B. Paine. 2,152,084; Mar. 28.
Brake. E. R. Price. 2,164,001; June 27.
Brake. O. Rasmussen and G. K. Hause. 2,154,074; Apr. 11.
Brake. G. P. Roberts. 2,156,127; Apr. 25.
Brake. W. C. Sessions. 2,157,733; May 9.
Brake. E. S. Smith, Jr. 2,164,300; June 27.

Brake. J. Sneed. 2,157,272; May 9.
Brake. C. A. Snider. 2,164,844; July 4.
Brake. B. A. Swennes. 2,148,786; Feb. 28.
Brake. J. E. and J. W. Symons. 2,168,371; Aug. 8.
Brake. J. W. Tatter. 2,152,105; Mar. 28.
Brake. C. H. Taylor. 2,163,897; June 27.
Brake. J. W. White. 2,173,601; Sept. 19.
Brake. J. W. White. 2,177,469; Oct. 24.
Brake. A. O. Williams. 2,156,006. Apr. 25.
Brake actuating mechanism. B. Dick. 2,162,775; June 20.
Brake actuating mechanism. S. Schnell. 2,150,991; Mar. 21.
Brake actuating mechanism, Hand. P. B. Camp. 2,153,546; Apr. 11.
Brake actuating mechanism, Hand. P. B. Camp. 2,154,663; Apr. 18.
Brake adjuster. S. F. Graziano and S. J. Cicero. 2,153,042; Apr. 4.
Brake adjuster, Automatic. M. H. Field. 2,152,544; Mar. 28.
Brake adjuster, Automatic J. W. Vincent. 2,173,028; Sept. 12.
Brake adjusting device. P. Farkas. 2,146,207; Feb. 7.
Brake and carrier for ships' rudders. R. MacGregor. 2,162,917; June 20.
Brake adjustment indicating device. J. B. P. H. Galle. 2,182,554; Dec. 5.
Brake and accelerator control. W. J. Smith. 2,176,550; Oct. 17.
Brake and accelerator control, Combination. R. C. Gibson. 2,181,883; Dec. 5.
Brake and control therefor. O. Kylin. 2,149,940; Mar. 7.
Brake and pressure fluid. R. Endres. 2,171,491; Aug. 29.
Brake apparatus for motor road vehicles, Emergency. J. Beavan. 2,171,352; Aug. 29.
Brake apparatus for semitrailer vehicles, Auxiliary. J. Cummings. 2,182,941; Dec. 12.
Brake appliance, Hydraulic. M. B. Mayer and F. S. James. 2,145,661; Jan. 31.
Brake applying and equalizing mechanism. H. L. Rogers. 2,152,443; Mar. 28.
Brake applying and equalizing mechanism for universal rocking wheel vehicles. H. L. Rogers. 2,152,442; Mar. 28.
Brake applying means. F. G. Parnell. 2,165,760; July 11.
Brake applying means for pony and engine trucks, Derailment actuated. H. S. Johnson and R. J. Adams. 2,171,178; Aug. 29.
Brake arrangement. R. G. Aurien. 2,148,362; Feb. 21.
Brake arrangement. R. G. Aurien. 2,166,887; July 18.
Brake arrangement. W. H. Baselt. 2,148,365; Feb. 21.
Brake arrangement. W. H. Baselt. 2,149,496; Mar. 7.
Brake arrangement. W. H. Baselt. 2,159,366; May 23.
Brake arrangement. W. H. Baselt. 2,163,533–4; June 20.
Brake arrangement. W. H. Baselt. 2,183,850; Dec. 19.
Brake arrangement. W. H. Baselt and R. G. Aurien. 2,148,366; Feb. 21.
Brake arrangement. W. C. Hedgcock. 2,171,514; Aug. 29.
Brake arrangement. C. E. Tack. 2,179,387; Nov. 7.
Brake beam. C. R. Busch. 2,170,120–2; Aug. 22.
Brake beam. W. H. Sale. 2,142,417; Jan. 3.
Brake beam and head, Combination. C. R. Busch. 2,170,116; Aug. 22.
Brake beam equalizer safety support. L. Varga. 2,184,690; Dec. 26.
Brake beam hanger pin and adapter. M. S. Johnson. 2,154,094; Apr. 11.
Brake beam, Railway. C. W. Osner and H. W. Ekholm. 2,182,210; Dec. 5.
Brake beam safety support. E. J. Ellis. 2,146,111; Feb. 7.
Brake beam structure, Railway. E. G. Busse. 2,182,197; Dec. 5.
Brake beam strut. D. Paterson. 2,159,100; May 23.
Brake beam, Trussed. C. R. Busch. 2,170,113; Aug. 22.
Brake beams, Making. C. R. Busch. 2,170,117; Aug. 22.
Brake booster. T. P. Chase. 2,173,647; Sept. 19.
Brake booster. G. H. Hunt. 2,163,686; June 27.
Brake booster, Vacuum. R. C. Jones. 2,142,514; Jan. 3.
Brake condition indicator. O. W. Schweikle. 2,146,357; Feb. 7.
Brake construction. H. T. Lambert. 2,161,359; June 6.
Brake construction. F. L. Main. 2,164,878; July 4.
Brake construction. W. Stocker. 2,155,207; Apr. 18.
Brake construction. G. J. Thomas. 2,181,029; Nov. 21.
Brake construction. J. W. White. 2,149,651; Mar. 7.
Brake construction, Fluid. W. C. Shaw. 2,162,757; June 20.
Brake control. J. Therres. 2,166,452; July 18.
Brake control apparatus. A. G. Larson. 2,177,529; Oct. 24.
Brake control, Automatic train. C. C. Farmer. 2,159,789; May 23.
Brake control device. M. S. Graves. 2,152,686; Apr. 4.
Brake control device. J. W. Stauffer. 2,184,568; Dec. 26.
Brake control device. R. R. Stevens. 2,173,954; Sept. 26.
Brake control, Emergency. J. I. Gutkowski. 2,153,506; Apr. 4.
Brake control for automotive vehicles. L. A. Wood and W. E. Weller. 2,181,717; Nov. 28.
Brake control for road-rail vehicles, Convertible. C. A. Campbell. 2,178,928; Nov. 7.
Brake control means. B. S. Aikman. 2,160,189; May 30.
Brake control means. C. C. Farmer and G. W. Baughman. 2,170,237; Aug. 22.
Brake control means. E. R. Fitch. 2,160,191; May 30.
Brake control means. R. L. Nash. 2,160,190; May 30.
Brake control means. J. W. Rush. 2,170,250; Aug. 22.
Brake control mechanism. L. M. Betts. 2,183,803; Dec. 19.
Brake control mechanism. W. R. Freeman. 2,156,782; May 2.
Brake control mechanism. C. A. Johnson. 2,151,211; Mar. 21.
Brake control mechanism. M. B. Lucker. 2,190,307; Nov. 14.
Brake control mechanism. J. B. Moore. 2,170,593; Aug. 22.
Brake control mechanism, Automatic. F. M. Givens. 2,174,464; Sept. 26.
Brake control mechanism, Train. G. C. George. 2,177,648; Oct. 31.
Brake control system. J. H. Coyle. 2,142,631; Jan. 3.
Brake control system, Tractor trailer. R. R. Stitt. 2,149,106; Feb. 28.
Brake controller, Magnetic. E. E. Hewitt. 2,148,753; Feb. 28.
Brake controlling lever mechanism. C. M. Anderson. 2,149,718; Mar. 7.
Brake cycle for internal combustion engines. C. L. Walker. 2,178,152; Oct. 31.
Brake cylinder. E. E. Hewitt. 2,142,190; Jan. 3.
Brake cylinder and making same, Hydraulic. J. W. Leighton. 2,154,817; Apr. 18.
Brake cylinder, Hydraulic. J. W. Leighton. 2,146,545; Feb. 7.
Brake cylinders, Making. A. J. Weatherhead, Jr., and K. C. Schoepfle. 2,149,078; Feb. 28.
Brake device. C. C. Farmer. 2,155,222; Apr. 18.
Brake device. J. W. Tatter. 2,152,104; Mar. 28.
Brake device, Disk. C. C. Farmer. 2,174,402; Sept. 26.
Brake device, Fluid pressure controlled. F. L. Shelor, Jr. 2,152,669; Apr. 4.
Brake device, Vehicle. B. S. Aikman. 2,177,511; Oct. 24.
Brake disconnector, Hydraulic. E. Abell. 2,184,806; Dec. 26.
Brake drum. C. S. Ash. 2,174,611; Oct. 3.
Brake drum. D. J. Campbell. 2,153,364; Apr. 4.
Brake drum. C. G. Keller. 2,148,755; Feb. 28.
Brake drum. P. M. and R. B. Miller. 2,173,591; Sept. 19.
Brake drums, Making. O. Rasmussen. 2,182,238; Dec. 5.
Brake drum. W. D. Sargent and C. G. Keller. 2,160,912; June 6.
Brake drum. C. W. Sinclair. 2,161,904; June 13.
Brake drum, Composite. C. L. Eksergian. 2,162,072; June 13.
Brake drum grinding. H. K. Bigelow. 2,142,710; Jan. 3.
Brake drums, Attachment for refinishing. C. A. Backer. 2,145,194; Jan. 24.
Brake drums, Forming. F. H. Le Jeune. 2,143,445; Jan. 10.
Brake drums, Forming. C. W. Sinclair. 2,151,568; Mar. 21.
Brake drums, Forming. C. W. Sinclair. 2,154,016; Apr. 11.
Brake drums, Making. D. J. Campbell. 2,153,173; Apr. 4.
Brake drums, Making. C. W. Sinclair. 2,154,014; Apr. 11.
Brake equalizer. H. P. Doud and L. H. Clary. 2,181,967; Dec. 5.
Brake equalizer, Four-wheel. R. E. Gerndt. 2,155,042; Apr. 18.
Brake equalizer, Vehicle. J. R. Rippe. 2,146,193; Feb. 7.
Brake equalizing and control mechanism for vehicles, Four wheel. A. C. Mayes. 2,162,852; June 20.
Brake equipment. E. E. Hewitt. 2,147,295; Feb. 14.
Brake equipment, Electropneumatic. C. C. Farmer and E. E. Hewitt. 2,147,297; Feb. 14.
Brake equipment, Locomotive. E. E. Hewitt and D. L. McNeal. 2,173,940; Sept. 26.
Brake fluid, Hydraulic. H. R. Fife. 2,169,231; Aug. 15.
Brake for a die sinking machine. J. M. Rusnak. 2,161,683; June 6.
Brake for automobile vehicles, Drum. P. Farkas. 2,146,208; Feb. 7.
Brake for automobiles, Emergency. K. Hamaguchi. 2,143,553; Jan. 10.
Brake for aircraft wheels. F. J. Tarris. 2,142,535; Jan. 3.
Brake for cycles and the like. W. W. Warrington. 2,154,188; Apr. 11.
Brake for machine tools. P. Tishken. 2,147,939; Feb. 21.
Brake for motor shafts, Automatic. W. H. Edmondson. 2,172,440; Sept. 12.
Brake for motor vehicles. F. C. Best. 2,157,473; May 9.
Brake for rotary vehicles, Disk. C. C. Farmer. 2,174,403; Sept. 26.
Brake for spinning or twisting spindles. C. Staufert. 2,168,249; Aug. 1.

Brake for trailer vehicles, Automatic. K. and H. Schröter. 2,145,406; Jan. 31.
Brake for trailers. R. Hunter. 2,154,815; Apr. 18.
Brake for trailers. O. E. E. Stromberg. 2,183,371; Dec. 12.
Brake for vehicles. E. D. Smith. 2,147,932; Feb. 21.
Brake for velocipedes, Hub. T. C. Sayles. 2,172,774; Sept. 12.
Brake gear device, Railway. E. A. Le Beau. 2,170,532; Aug. 22.
Brake gear support. W. H. Fine. 2,167,712; Aug. 1.
Brake hanger. F. Schaefer. 2,164,474; July 4.
Brake hanger. F. Schaefer. 2,174,369; Sept. 26.
Brake hanger bracket. D. M. Light. 2,182,746; Dec. 5.
Brake hanger retainer. M. S. Johnson. 2,167,979; Aug. 1.
Brake hanger retainer. M. S. Johnson. 2,179,722; Nov. 14.
Brake hanger suspension means. M. S. Johnson. 2,184,122; Dec. 19.
Brake head. C. R. Busch. 2,170,115; Aug. 22.
Brake holding apparatus, Hydraulic. F. L. Darling. 2,148,190; Feb. 21.
Brake holding mechanism, Hand. W. H. Sale. 2,158,429; May 16.
Brake hub for bicycles, Motor driven freewheel. G. Steinlein and L. Bruckmoser. 2,171,810; Sept. 5.
Brake hub driven by a motor mounted in the driving wheel, Freewheel. G. Steinlein and L. Bruckmoser. 2,171,811; Sept. 5.
Brake lever. S. H. Caldwell. 2,182,279; Dec. 5.
Brake lever. R. A. Sandberg. 2,150,008; Mar. 7.
Brake lever, Automotive. F. D. Wenn. 2,162,684; June 13.
Brake lever construction. H. S. Jandus and R. A. Sandberg. 2,159,799; May 23.
Brake lever construction. H. S. Jandus and C. F. Purdy. 2,170,900; Aug. 29.
Brake lever construction. R. A. Sandberg. 2,146,130; Feb. 7.
Brake lever extension. G. F. Bahr. 2,164,692; July 4.
Brake lever extension, Hammer type. J. Fischer. 2,182,583; Dec. 5.
Brake lever, Friction. H. S. Jandus. 2,173,255; Sept. 19.
Brake lever, Friction. R. A. Sandberg. 2,160,679; May 30.
Brake lever, Friction. R. A. Sandberg and E. J. Van Sickel. 2,162,492; June 13.
Brake lever, Friction type. R. A. Sandberg and E. J. Van Sickel. 2,159,821; May 23.
Brake lever, Frictional. F. D. Wenn. 2,170,511; Aug. 22.
Brake lever mechanism. D. A. Bird. 2,162,052; June 13.
Brake lever release mechanism. H. S. Jandus and C. F. Purdy. 2,146,121; Feb. 7.
Brake lever safety device. J. H. Gould. 2,168,567; Aug. 8.
Brake lever, Spring friction. R. A. Sandberg. 2,154,215; Apr. 11.
Brake lining. P. Ruffino. 2,153,341; Apr. 4.
Brake lining. V. H. Sanders. 2,159,935; May 23.
Brake means for power press feed rolls. E. V. Crane and N. O. Steele. 2,168,284; Aug. 1.
Brake means for yarns. W. A. Ingalls. 2,180,241; Nov. 14.
Brake mechanism. B. S. Aikman. 2,174,395; Sept. 26.
Brake mechanism. B. S. Aikman. 2,174,406; Sept. 26.
Brake mechanism. H. W. Alden. 2,167,607; July 25.
Brake mechanism. C. F. Baisch. 2,157,091; May 9.
Brake mechanism. C. F. Baisch. 2,157,994; May 9.
Brake mechanism. C. F. Baisch. 2,164,866; July 4.
Brake mechanism. S. Bonzack. 2,181,008; Nov. 21.
Brake mechanism. R. J. Bush and W. H. Glass. 2,177,959; Oct. 31.
Brake mechanism. M. B. Cameron. 2,177,958; Oct. 31.
Brake mechanism. C. W. Collins. 2,182,250; Dec. 5.
Brake mechanism. J. Coppola and G. R. Robinson. 2,158,175; May 16.
Brake mechanism. J. E. Cornwall. 2,154,034; Apr. 11.
Brake mechanism. W. A. Eaton. 2,182,047; Dec. 5.
Brake mechanism. C. E. Farmer. 2,174,408; Sept. 26.
Brake mechanism. C. C. Farmer. 2,177,961; Oct. 31.
Brake mechanism. C. C. Farmer and J. C. McCune. 2,174,397; Sept. 26.
Brake mechanism. M. Farrell. 2,171,396; Aug. 29.
Brake mechanism. B. R. Granberg and A. G. Ericson. 2,145,255; Jan. 31.
Brake mechanism. E. E. Hewitt and D. L. McNeal. 2,152,257; Mar. 28.
Brake mechanism. F. W. Hunyady. 2,155,089; Apr. 18.
Brake mechanism. R. C. Hoyt. 2,158,699–700; May 16.
Brake mechanism. F. D. Johnson. 2,175,897; Oct. 10.
Brake mechanism. H. T. Lambert. 2,161,360; June 6.
Brake mechanism. F. L. Main. 2,151,557; Mar. 21.
Brake mechanism. F. L. Main. 2,155,762; Apr. 25.
Brake mechanism. F. L. Main. 2,161,899–900; June 13.
Brake mechanism. F. L. Main. 2,181,022; Nov. 21.
Brake mechanism. F. L. Main and C. A. Sawtelle. 2,149,614; Mar. 7.
Brake mechanism. J. C. McCune. 2,174,396; Sept. 26.
Brake mechanism. J. C. McCune. 2,174,399–400; Sept. 26.
Brake mechanism. J. C. McCune. 2,174,404–5; Sept. 26.
Brake mechanism. J. C. McCune. 2,174,407; Sept. 26.
Brake mechanism. J. C. McCune. 2,174,409; Sept. 26.
Brake mechanism. F. E. Miller. 2,165,978; July 11.
Brake mechanism. A. Orscheln. 2,171,403; Aug. 29.
Brake mechanism. W. G. Ransom. 2,157,015; May 2.
Brake mechanism. E. O. Reynolds. 2,183,432; Dec. 12.
Brake mechanism. R. H. Rosenberg. 2,143,998; Jan. 17.
Brake mechanism. C. A. Sawtelle. 2,161,903; June 13.
Brake mechanism. C. A. Sawtelle. 2,178,148; Oct. 31.
Brake mechanism. F. Schaum. 2,174,018; Sept. 26.
Brake mechanism. W. C. Scherer. 2,146,159; Feb. 7.
Brake mechanism. L. Shuman. 2,184,683; Dec. 26.
Brake mechanism. C. D. Stewart. 2,177,953–7; Oct. 31.
Brake mechanism. C. D. Stewart. 2,177,960; Oct. 31.
Brake mechanism. C. D. Stewart. 2,177,962; Oct. 31.
Brake mechanism. R. T. Whitney. 2,148,791; Feb. 28.
Brake mechanism. F. G. Williamson. 2,147,871; Feb. 21.
Brake mechanism for automotive vehicles. A. A. Thomas. 2,169,668; Aug. 15.
Brake mechanism for engine driven propellers. R. M. Nardone. 2,142,757; Jan. 3.
Brake mechanism for feeding material from a roll, Automatic. C. P. Dymeck. 2,168,023; Aug. 1.
Brake mechanism for mechanically movable shelves. W. Doggett. 2,169,602; Aug. 15.
Brake mechanism for motor vehicles. W. J. Besler. 2,149,159; Feb. 28.
Brake mechanism for motor vehicles. R. G. De La Mater. 2,170,128; Aug. 22.
Brake mechanism for railway cars, Hand. J. E. Lindeman. 2,150,742; Mar. 14.
Brake mechanism for railway cars, Hand. J. E. Lindeman. 2,166,256; July 18.
Brake mechanism for sleds. F. Buccella. 2,153,234; Apr. 4.
Brake mechanism, Hand. R. C. O'Connor. 2,172,848; Sept. 12.
Brake mechanism, Railway car. W. F. Kiesel, Jr. 2,168,294; Aug. 1.
Brake mechanism, Train. B. S. Aikman. 2,170,229; Aug. 22.
Brake mechanism, Truck. J. F. Holloway. 2,175,171; Oct. 10.
Brake mechanism, Vehicle. S. G. Baits. 2,147,955; Feb. 21.
Brake mechanism, Vehicle. W. A. Goodchap. 2,173,836; Sept. 26.
Brake mechanism, Vehicle. E. G. Hill. 2,180,937; Nov. 21.
Brake neutralizing device. C. D. Fator. 2,143,871; Jan. 17.
Brake operating apparatus for automobiles and similar vehicles. E. S. Harrison. 2,161,159; June 6.
Brake operating device, Vacuum controlled emergency. H. Hubbell, Jr. 2,156,290; May 2.
Brake operating means, Hydraulic. L. E. La Brie. 2,148,273; Feb. 21.
Brake operating mechanism. A. F. Ericson and B. H. Anibal. 2,158,323; May 16.
Brake operating mechanism. A. W. L. Hartbauer. 2,179,503; Nov. 14.
Brake operating mechanism. G. H. Olson, C. F. Schoelm, and H. F. Allen. 2,168,654; Aug. 8.
Brake operating mechanism. F. J. Wilkins. 2,155,030; Apr. 18.
Brake operator for trailers. H. J. and L. F. Jezek, Jr. 2,149,775; Mar. 7.
Brake pedal jack. F. Hoeppner. 2,171,832; Sept. 5.
Brake pick-up for fluid medium brakes, Automatic emergency. H. R. Fitzgerald. 2,145,590; Jan. 31.
Brake plate and radius arm tension spring, Front. E. O. Shreffler and A. D. Lesage. 2,147,178; Feb. 14.
Brake release control, Hand. C. C. Farmer. 2,170,238; Aug. 22.
Brake repair device, Coaster. E. Raines. 2,163,497; June 20.
Brake rigging. L. A. Hansen. 2,146,212; Feb. 7.
Brake rigging. F. G. Williamson. 2,169,751; Aug. 15.
Brake rigging, Railway car. C. Hankins. 2,176,177; Oct. 17.
Brake safety check, Hydraulic or air. M. V. Groves. 2,145,790; Jan. 31.
Brake shoe. F. T. Birch. 2,149,952; Mar. 7.
Brake shoe. A. M. Franchi. 2,158,818; May 16.
Brake shoe. G. Gallo, G. B., F., and L. Bassi, and G. Calliera. 2,163,143; June 20.
Brake shoe. A. Nelson. 2,146,909; Feb. 14.
Brake shoe. R. L. Wilson. 2,162,770; June 20.
Brake shoe. W. H. Winters. 2,145,701; Jan. 31.
Brake shoe adjuster. L. S. Bittner. 2,168,950; Aug. 8.
Brake shoe assembly. F. W. Kateley. 2,164,015; June 27.
Brake shoe, Car wheel truing. C. A. Malcolm. 2,161,363; June 6.
Brake shoe clearance take-up means. W. F. Boldt. 2,166,793; July 18.
Brake shoe equalizing and centering device. C. Caya. 2,176,204; Oct. 17.
Brake shoe fitter. C. W. Bauberger and E. T. Liess. 2,144,321; Jan. 17.
Brake shoe key anchorage. G. F. Jackson. 2,171,307; Aug. 29.
Brake shoe key retainer. O. R. Mitchell. 2,172,565; Sept. 12.
Brake shoe linkage. E. H. Piron. 2,150,631; Mar. 14.
Brake shoe refinisher, Motor vehicle. H. K. Bigelow. 2,161,125; June 6.

Brake shoe wear compensating means, Automatic. S. Schnell. 2,158,804; May 16.
Brake shoes, Forming. C. W. Sinclair. 2,143,458; Jan. 10.
Brake shoes, Making. C. E. Budd. 2,148,257; Feb. 21.
Brake signal. H. M. Robinson. 2,172,412; Sept. 12.
Brake slack adjuster. H. H. Hooker. 2,156,154; Apr. 25.
Brake slack take-up mechanism. F. O. Grayson. 2,160,859; June 6.
Brake suspension, Track. E. H. Piron. 2,178,643; Nov. 7.
Brake system. E. E. Hewitt. 2,148,751; Feb. 28.
Brake system. D. F. Irby. 2,169,646; Aug. 15.
Brake system. D. W. Lloyd. 2,184,557; Dec. 26.
Brake system. H. K. Weihe. 2,156,415; May 2.
Brake system, Compression. W. H. Bachmann. 2,156,560; May 2.
Brake system control, Vehicle. C. V. Combest. 2,173,328; Sept. 19.
Brake system, Fluid pressure. R. Borde. 2,152,949; Apr. 4.
Brake system for motor vehicles, Power operated hydraulic. E. K. Benedek. 2,142,709; Jan. 3.
Brake system, Four-wheel. D. A. Collings. 2,144,011; Jan. 17.
Brake system, Hydraulic. E. T. De Grace. 2,169,462; Aug. 15.
Brake system, Hydraulic. W. E. Garrington. 2,184,042; Dec. 19.
Brake system, Hydraulic. P. F. Rossmann. 2,154,111; Apr. 11.
Brake system, Hydraulic. C. Sauzedde. 2,163,633; June 27.
Brake system flusher and bleeder, Hydraulic. F. W. Schafer and G. W. Stephens. 2,181,073; Nov. 21.
Brake system, Magnetic track. T. H. Schoepf and D. M. Ritchie. 2,176,748; Oct. 17.
Brake tester. L. L. Smalley. 2,160,092; May 30.
Brake tester and weighing machine. C. C. Bennett. 2,148,229; Feb. 21.
Brake tester or accelerometer. J. V. Whipple. 2,157,514; May 9.
Brake testing. J. D. Morgan and T. Anderson. 2,155,674; Apr. 25.
Brake testing apparatus. T. Anderson. 2,166,699; July 18.
Brake testing apparatus. W. Boley. 2,181,544; Nov. 28.
Brake testing apparatus for motor vehicles. H. Wochner. 2,171,283; Aug. 29.
Brake testing device. J. N. Freeman. 2,166,244; July 18.
Brake testing device. H. W. Mitchell. 2,151,134; Mar. 21.
Brake transmission unit, Adjustable. M. T. Voigt. 2,150,867; Mar. 14.
Brake unit. J. L. Hill. 2,166,493; July 18.
Brake valve handle. C. S. Kelley. 2,173,943; Sept. 26.
Brakes, Apparatus for testing the operation of vehicle. E. L. Allgaier. 2,177,312; Oct. 24.
Brakes, Automatic adjustment for. E. Trachsel. 2,183,416; Dec. 12.
Brakes, Automatic adjustment means for. E. C. S. Clench. 2,173,577; Sept. 19.
Brakes, Automatic control mechanism for empty and load. B. H. Browall. 2,179,399; Nov. 7.
Brakes, Device for regulating the action of. H. Briand. 2,169,519; Aug. 15.
Braking apparatus. B. H. Browall. 2,169,629; Aug. 15.
Braking apparatus. E. E. Hewitt. 2,147,298; Feb. 14.
Braking apparatus. B. Dick. 2,166,754; July 18.
Braking apparatus, Railway. H. L. Bone. 2,184,871; Dec. 26.
Braking controller, Dynamic. P. B. Harwood. 2,172,245; Sept. 5.
Braking device. J. H. Owen. 2,149,624; Mar. 7.
Braking device. C. E. Scates. 2,152,570; Mar. 28.
Braking device. F. L. Shelor. 2,153,280; Apr. 4.
Braking device, Automatic. C. S. Corzine. 2,154,729; Apr. 18.
Braking device for vehicles, Auxiliary. H. Owen. 2,164,834; July 4.
Braking device, Vacuum. T. E. Tudor. 2,146,491; Feb. 7.
Braking indicator. J. H. Sinclair. 2,183,700; Dec. 19.
Braking means for hoisting devices, Automatic. J. Flodin. 2,182,800; Dec. 12.
Braking mechanism. J. Erbel. 2,171,473; Aug. 29.
Braking mechanism. H. F. Patterson. 2,182,386; Dec. 5.
Braking mechanism. S. Schnell. 2,156,794; May 2.
Braking mechanism. S. Schnell. 2,161,640–1; June 6.
Braking mechanism for rail vehicles. E. Seibold. 2,155,740; Apr. 25.
Braking mechanism for railway car trucks. H. A. Moeller and C. L. Orr. 2,152,268; Mar. 28.
Braking mechanism for rolling closures. R. H. Greegor and G. B. Renick. 2,142,562; Jan. 3.
Braking method and device for airplane launching system. R. H. Fleet, W. B. Wheatley, and I. M. Laddon. 2,181,656; Nov. 28.
Braking system. T. A. Banning, Jr. 2,152,017; Mar. 28.
Braking system. B. Dick. 2,166,804; July 18.
Braking system. C. H. Nickell. 2,154,636; Apr. 18.
Braking system. T. S. Safford. 2,165,817; July 11.
Braking system. C. Sauzedde. 2,170,575; Aug. 22.
Braking system, Electric. L. Janisch. 2,148,297; Feb. 21.
Braking system, Electrical. H. Kann. 2,172,204; Sept. 5.
Braking system, Fluid pressure. H. C. Bowen. 2,148,232; Feb. 21.
Braking system, Fluid pressure. H. C. Bowen. 2,152,345; Mar. 28.
Braking system, Fluid pressure. H. C. Bowen. 2,161,277; June 6.
Braking system, Fluid pressure. H. C. Bowen. 2,180,454; Nov. 21.
Braking system, Fluid pressure. H. C. Bowen and C. V. Gardner. 2,174,615; Oct. 3.
Braking system, Fluid pressure. A. R. Leukhardt. 2,168,748; Aug. 8.
Braking system, Fluid pressure. A. A. Loweke. 2,161,304; June 6.
Braking system, Fluid pressure. W. F. Oliver. 2,162,114; June 13.
Braking system, Fluid pressure. H. C. Swift. 2,156,205; Apr. 25.
Braking system for Diesel-electric driven vehicles. P. Müller. 2,154,279; Apr. 11.
Braking system for motor vehicles. J. E. Wallace. 2,161,493; June 6.
Braking system for vehicles. D. T. Brock. 2,148,256; Feb. 21.
Braking system for vehicles, Liquid pressure. J. P. Beeston. 2,182,463; Dec. 5.
Braking system, Hydraulic. D. Collins. 2,155,302; Apr. 18.
Braking system, Hydraulic. T. W. Vickers. 2,163,924; June 27.
Braking system, Magnetic. E. H. Piron. 2,150,630; Mar. 14.
Braking, System of dynamic. E. D. Schneider. 2,167,530; July 25.
Branch exchange system, Private. G. C. Hartley and M. S. Snell. 2,184,523; Dec. 26.
Branch exchange system, Private. E. P. G. Wright and G. C. Hartley. 2,184,540; Dec. 26.
Branding iron. W. S. Wyman. 2,153,289; Apr. 4.
Branding tool. F. M. James. 2,177,180; Oct. 24.
Brass plating. C. J. Wernlund. 2,181,773; Nov. 28.
Brasses, Restoration of car journal. W. T. Bissell and T. W. Potter. 2,145,022; Jan. 24.
Brassière. M. K. Childs. 2,152,910; Apr. 4.
Brassière. W. Gluckin. 2,152,629; Apr. 4.
Brassière. H. Holister. 2,174,881; Oct. 3.
Brassière. J. Lazzari. 2,147,375; Feb. 14.
Brassière. A. Rubinstein. 2,149,819; Mar. 7.
Brassière. A. Rubinstein. 2,185,159; Dec. 26.
Brassière. A. Walters. 2,175,676; Oct. 10.
Brassière, Adjustable. R. Freedman. 2,155,935; Apr. 25.
Braun tube. E. Ruska. 2,151,530; Mar. 21.
Braun tube. E. Ruska. 2,178,458; Oct. 31.
Braun tube. K. Schlesinger. 2,152,820; Apr. 4.
Braun tube. K. Schlesinger. 2,152,825; Apr. 4.
Braun tube. W. Uhlmann. 2,184,821; Dec. 26.
Braun tube. B. Wienecke. 2,163,210; June 20.
Brazing alloy. P. R. Kalischer. 2,161,057; June 6.
Bread and bakery product. R. W. Ament. 2,158,392; May 16.
Bread, Apparatus for baking. C. A. Roys. 2,179,671; Nov. 14.
Bread-loaves, Keeping baked. H. Waitzman. 2,148,143; Feb. 21.
Bread making. C. Swartout. 2,174,807; Oct. 3.
Bread, Making loaves of. C. A. Roys. 2,179,672; Nov. 14.
Bread, Making twist. D. Beyer. 2,159,246; May 23.
Bread raising cabinet. E. C. Frisk. 2,147,024; Feb. 14.
Bread roll machine. M. A. Hess. 2,174,658; Oct. 3.
Bread-slice greasing machine. W. King. 2,144,924; Jan. 24.
Bread slicing machine. H. J. Criner. 2,150,426–7; Mar. 14.
Bread slicing machine. H. J. Criner. 2,160,493; May 30.
Bread slicing machine. H. J. Criner. 2,160,957; June 6.
Bread slicing machine. H. J. Criner. 2,174,257; Sept. 26.
Bread slicing machine. H. J. Criner. 2,182,281–2; Dec. 5.
Bread slicing machine. W. Hoppe. 2,181,680–1; Nov. 28.
Bread slicing machine. N. W. Lyon. 2,160,387; May 30.
Bread slicing machine. H. Wellbaum. 2,144,302; Jan. 17.
Bread slicing machine, Automatic. H. B. Tuthill and H. F. Caldwell. 2,162,138; June 13.
Bread toasting apparatus, Automatic. R. J. Anderson. 2,165,204; July 11.
Breaker for flush valves, Fixed vacuum. J. J. Goodrie. 2,151,200; Mar. 21.
Breaker point operating mechanism. F. J. Svoboda. 2,181,713; Nov. 28.
Breaker reel. L. L. Ludington. 2,162,780; June 20.
Breaker strip and fitting. R. H. Money. 2,171,036; Aug. 29.
Breather, Centrifugal. R. Chilton. 2,172,729; Sept. 12.
Breech mechanism. M. M. Johnson, Jr. 2,181,131; Nov. 28.
Breeches and the like, Riding. S. Adamson. 2,146,494; Feb. 7.
Brew, Apparatus for cooling. J. M. Bruce. 2,155,399; Apr. 25.
Brew cooling. H. E. Schulse. 2,181,710; Nov. 28
Brew cooling apparatus. H. A. Feldbush. 2,153,980; Apr. 11.

Brewer, Coffee. P. F. Campbell. 2,143,432; Jan. 10.
Brewer, Coffee. H. Cory. 2,181,578; Nov. 28.
Brewers, Apparatus for use with coffee. R. R. McLeod. 2,164,619; July 4.
Brewing. M. Thomas. 2,146,241; Feb. 7.
Brewing adjunct, Preparing a. J. F. Walsh and W. L. Morgan. 2,144,471; Jan. 17.
Brick. J. Scheibl. 2,176,805; Oct. 17.
Brick and wall, Building. G. B. Breakey. 2,162,417; June 13.
Brick and wall, Building. B. Roman. 2,167,187; July 25.
Brick and walls and buildings utilizing the same, Light directing. T. W. Rolph. 2,179,863; Nov. 14.
Brick and walls and buildings utilizing the same, Reflecting. T. W. Rolph. 2,179,862; Nov. 14.
Brick cleaning machine. E. C. Cousart. 2,170,783; Aug. 22.
Brick construction, Refractory. J. B. Tracy. 2,155,026; Apr. 18.
Brick container. W. D. Magruder and G. L. Ecrement. 2,163,097; June 20.
Brick or block, Building. T. O. Raad. 2,151,798; Mar. 28.
Brick, Paving. E. V. Poston. 2,184,469; Dec. 26.
Brick structure, Interlocking. L. H. Mueller. 2,142,404; Jan. 3.
Brickwork, Mortarless. J. Berlek. 2,148,054; Feb. 21.
Bridge and cement retainer for well bores. R. C. Baker. 2,178,844; Nov. 7.
Bridge construction. P. W. Leisner. 2,161,176–7; June 6.
Bridge construction. M. I. Lifschutz. 2,152,069; Mar. 28.
Bridge construction. J. A. Taggart. 2,147,001; Feb. 14.
Bridge, Electrode. S. W. Borden. 2,176,760; Oct. 17.
Bridge, Fault finding. S. W. Borden. 2,176,759; Oct. 17.
Bridge, Floating. A. W. Knight. 2,157,959; May 9.
Bridge relay arrangement, Wheatstone. T. A. Cohen. 2,164,701; July 4.
Bridge score register. N. McMurdo. 2,156,539; May 2.
Bridge scoring device. A. G. Hatch. 2,172,508; Sept. 12.
Bridging condenser for high frequency arrangements. E. Gossel. 2,161,289; June 6.
Brief case. S. H. Lifton. 2,159,995; May 30.
Brief case. S. H. Lifton. 2,173,120; Sept. 19.
Brief case. W. Satz. 2,181,208; Nov. 28.
Briquette coating machine. A. J. Lundwall. 2,155,500; Apr. 25.
Briquette making machine. J. F. Crawford. 2,175,342; Oct. 10.
Broach. H. A. Baker. 2,153,909; Apr. 11.
Broach. J. Edgar. 2,173,901; Sept. 26.
Broach. A. L. Nilsson. 2,145,947; Feb. 7.
Broach. W. S. Praeg. 2,161,901; June 13.
Broach device, Spiral. W. A. Hart. 2,158,720; May 16.
Broach, Expansible. R. E. Glenny. 2,184,383; Dec. 26.
Broach, Horizontal. W. A. Hart. 2,162,814; June 20.
Broach locking device. J. W. Forbes. 2,154,039; Apr. 11.
Broach, Vertical. W. A. Hart. 2,162,813; June 20.
Broaching device. T. Maxwell. 2,165,977; July 11.
Broaching machine. F. J. La Pointe. 2,148,241; Feb. 21.
Broaching machine. F. J. La Pointe. 2,173,396; Sept. 19.
Broaching machine. F. J. Lapointe. 2,174,984; Oct. 3.
Broaching machine. A. L. Nilsson. 2,145,948; Feb. 7.
Broaching machine. R. A. Thompson. 2,165,588; July 11.
Broaching machine and work support therefor, Hydraulic. K. C. Monroe. 2,184,052; Dec. 19.
Broaching machine, Hydraulic. K. C. Monroe. 2,173,179; Sept. 19.
Broaching machine, Interlocked duplex. K. C. Monroe. 2,183,430; Dec. 12.
Broaching machine, Rotary. W. A. Hart. 2,156,941; May 2.
Broaching machine, Tabular. H. T. Honig. 2,153,890; Apr. 11.
Broaching surfaces. A. L. Nilsson. 2,150,455; Mar. 14.
Broaching tool. M. Romaine. 2,173,074; Sept. 12.
Broadcast system, Short wave. P. M. G. Toulon. 2,175,367; Oct. 10.
Broiler. D. M. Freeman. 2,161,669; June 6.
Broiler. C. Rossini and T. D. Pieragostini. 2,148,879; Feb. 28.
Broiler and fryer unit. W. J. Russell and K. L. Woodman. 2,156,216; Apr. 25.
Broiler, Electric. H. A. Lee. 2,168,604; Aug. 8.
Broiler, Electric. E. C. Lucas and A. T. Pappas. 2,156,860; May 2.
Broiler, Frankfurter. S. Nelson. 2,152,208; Mar. 28.
Bromine, Making. G. W. Hooker. 2,163,877; June 27.
Bromine, Producing. S. B. Heath. 2,143,223; Jan. 10.
Bronchoscope. O. T. Ryan. 2,162,681; June 13.
Bronco, polo pony, or single seesaw, Bucking. F. A. Heldman. 2,173,300; Sept. 19.
Bronze faced bearing, Floating plastic. G. A. Zink. 2,145,962; Feb. 7.
Bronze welded structure, Fireproof. A. B. Kinzel. 2,145,625; Jan. 31.
Bronzing and the like. W. Waite. 2,169,078; Aug. 8.
Brooch. M. L. Russell. 2,181,071; Nov. 21.
Brooch and dress clip, Combination. L. Mazer. 2,153,022; Apr. 4.
Brooch assemblage. M. Boucher. 2,143,538; Jan. 10.
Brooch or the like. W. Huppert. 2,144,375; Jan. 17.
Brooder. W. H. Brinton. 2,183,472; Dec. 12.
Brooder. J. O. Carson. 2,171,521; Sept. 5.
Brooder. R. R. Morrill. 2,167,956; Aug. 1.
Brooder. B. W. Warner. Re. 21,097; May 23.
Brooder, Electrically heated. C. H. Willauer. 2,160,185; May 30.
Broom and mop hanger. C. P. Buchanan. 2,159,548; May 23.
Broom, Lawn. G. M. Finkes. 2,149,429; Mar. 7.
Broom rotary road. E. F. Hilliard. 2,158,967; May 16.
Broom sweeper. A. Sandberg. 2,145,738; Jan. 31.
Brush. J. E. Blossom. 2,155,004; Apr. 18.
Brush. H. Cave. 2,146,624; Feb. 7.
Brush. W. Frank. 2,171,444; Aug. 29.
Brush. S. H. Kirsch. 2,146,075; Feb. 7.
Brush. R. Marvin. 2,164,617; July 4.
Brush. H. D. Minich. 2,171,591; Sept. 5.
Brush. L. Palmeri. 2,152,358; Mar. 28.
Brush. W. A. Sleeper. 2,167,129; July 25.
Brush and comb, Combined. P. Chiraello. 2,185,050; Dec. 26.
Brush and comb, Combined. B. and D. Oshman. 2,168,235; Aug. 1.
Brush and scraper, Combined. J. E. Bothum. 2,167,196; July 25.
Brush and utility paint box. H. Nolzen. 2,148,829; Feb. 28.
Brush attachment for dustpans. A. H. Roy. 2,172,808; Sept. 12.
Brush attachment for grain cleaners, Traveling. S. J. Habstritt. 2,178,963; Nov. 7.
Brush attachment, Paint. E. B. Archer. 2,175,587; Oct. 10.
Brush back, Rotary. J. Sassano. 2,156,514; May 2.
Brush, Bath and friction. E. R. Poirier. 2,153,844; Apr. 11.
Brush, Bottle. H. G. Volckening. 2,170,740; Aug. 22.
Brush, Cleaning. P. H. Durup. 2,181,266; Nov. 28.
Brush control for shoe polishing machines, Burnishing. J. J. Magnuson. 2,146,639; Feb. 7.
Brush, Dental. D. R. Coleman. 2,155,473; Apr. 25.
Brush display rack. K. D. Currie. 2,169,722; Aug. 15.
Brush, Electric hair. H. C. Haluss. 2,172,024; Sept. 5.
Brush, Electrical. W. Siebenmorgen. 2,181,076; Nov. 21.
Brush fastener. G. A. Van Dyke. 2,144,516; Jan. 17.
Brush, Floor. W. C. Otto. 2,177,149; Oct. 24.
Brush, Folding. S. K. J. Norre and E. R. Thomsen. 2,148,216; Feb. 21.
Brush for cleaning tubes and the like, Cylindrical. G. B. Vroom. 2,147,682; Feb. 21.
Brush for dynamo-electric machines and method of making. M. C. Burr and H. B. Eynon. 2,172,045; Sept. 5.
Brush for electrical machinery. V. A. Myers. 2,153,049; Apr. 4.
Brush for nut hullers, Cushion. W. C. Anderson. 2,172,464; Sept. 12.
Brush forming machine. C. F. Smith. 2,176,861; Oct. 17.
Brush, Fountain. F. J. Bambach. 2,162,907; June 20.
Brush, Fountain. M. Ombrello. 2,152,272; Mar. 28.
Brush, Fountain. M. Ombrello. 2,154,990; Apr. 18.
Brush, Fountain. J. D. Poole and R. Barnes. 2,146,847; Feb. 14.
Brush, Fountain. K. Reichenbach. 2,167,523; July 25.
Brush, Fountain. P. Rissman. 2,143,712; Jan. 10.
Brush, Fountain. S. D. Selwyn. 2,164,432; July 4.
Brush, Fountain. F. J. J. Stock. 2,149,711; Mar. 7.
Brush, Fountain stencil. A. Botts. 2,164,895; July 4.
Brush, Fountain stencil. M. B. Wright. 2,164,004; June 27.
Brush frame construction. W. E. Ecker. 2,153,177; Apr. 4.
Brush, Friction driven. D. B. Replogle. 2,175,639; Oct. 10.
Brush, Hair. W. Hertzberg. 2,183,139; Dec. 12.
Brush, Hand. F. Willmot. 2,184,827; Dec. 26.
Brush holder. A. S. Adams. 2,150,706; Mar. 14.
Brush holder. W. A. Brecht. 2,179,279; Nov. 7.
Brush holder. W. W. Dorsey. 2,171,920; Sept. 5.
Brush holder. G. Linder. 2,184,460; Dec. 26.
Brush making machine. C. Jobst. 2,176,672; Oct. 17.
Brush, Retractable. W. E. Enns. 2,159,432; May 23.
Brush, Rotary. G. R. Churchill. 2,172,433; Sept. 12.
Brush, Rotary. C. E. Elson. 2,172,195; Sept. 5.
Brush, Rotary. E. L. Petty. 2,153,207; Apr. 4.
Brush, Rotary. S. Terauchi. 2,178,943; Nov. 7.
Brush, Rotary expanding fountain. B. S. Reynolds. 2,162,677; June 13.
Brush section, Wide. L. C. Herold. 2,167,949; Aug. 1.
Brush, Sectional. L. H. Nielsen. 2,160,029; May 30.
Brush, Shaving. J. A. Miettunen. 2,145,570; Jan. 31.
Brush, Suction cleaner. E. F. Martinet. 2,176,769; Oct. 17.
Brush, Vacuum cleaner. B. A. Baxter. 2,143,535; Jan. 10.
Brushing device. R. R. Brogden. 2,153,294; Apr. 4.
Bubble blower. A. J. Anderson. 2,154,652; Apr. 18.
Bubble tower construction. R. L. Geddes and E. W. Thiele. 2,150,498; Mar. 14.
Buck, Rolling land. P. Dixon. 2,173,623; Sept. 19.
Bucket. P. J. Speicher and L. O. Stark. 2,163,501; June 20.
Bucket and corner bracket therefor, Clamshell. G. J. Ehrhardt. 2,161,147; June 6.
Bucket, Bait. J. H. Kelsey. 2,179,095; Nov. 7.
Bucket, Charging. J. C. Schweitzer. 2,163,386; June 20.

Bucket, Clam shell. C. P. De Biasi. 2,164,988; July 4.
Bucket, Concrete. V. Schiavi. 2,179,428; Nov. 7.
Bucket control, Drag. L. Berner. 2,168,643; Aug. 8.
Bucket, Dragline. H. J. Atkins and C. M. Conner. 2,158,061; May 16.
Bucket, Dredge. G. R. Hanks. 2,176,840; Oct. 17.
Bucket for miniature digging and hoisting machines. W. D. Bartlett. 2,166,854; July 18.
Bucket, Minnow. H. M. Nelson. 2,182,160; Dec. 5.
Bucket, Weigh. W. E. Farrell. 2,159,689; May 23.
Buckle. N. M. A. A. A. Alvarez and E. A. Viglione. 2,180,786; Nov. 21.
Buckle. W. W. Dillon. 2,164,733; July 4.
Buckle. J. B. Freysinger. 2,166,902–3; July 18.
Buckle. W. Gency. 2,166,466; July 18.
Buckle. I. B. Holtz. 2,171,448; Aug. 29.
Buckle. W. Honegger. 2,143,126; Jan. 10.
Buckle. P. Mariani. 2,171,984; Sept. 5.
Buckle. A. E. Rineer and H. G. Dybvig. 2,156,870; May 2.
Buckle. R. S. Sanford. 2,149,364; Mar. 7.
Buckle. H. P. Troendly. 2,157,037; May 2.
Buckle. H. P. Troendly. 2,173,889; Sept. 26.
Buckle. P. W. White. 2,150,407; Mar. 14.
Buckle. P. W. White. 2,152,119; Mar. 28.
Buckle. P. W. White. 2,169,402; Aug. 15.
Buckle. P. W. White and P. Droz. 2,177,468; Oct. 24.
Buckle and the like, Hose supporter. I. R. Versoy. 2,180,179; Nov. 14.
Buckle, Belt. J. B. Pickelsimer. 2,154,698; Apr. 18.
Buckle, Belt. D. M. Wirth. 2,147,619; Feb. 14.
Buckle, Belt. B. R Zeman. 2,156,647; May 2.
Buckle for belts. I. M. Krischer. 2,165,928; July 11.
Buckle for straps. C. B. Breenberg. 2,168,521; Aug. 8.
Buckle, Lock. J. H. Woodside. 2,155,159; Apr. 18.
Bucksaw. J. C. Du Jat. 2,148,734; Feb. 28.
Buckwheat, Popping. W. N. McFaul. 2,156,022; Apr. 25.
Buff, Ventilated. L. M. Hague. 2,168,871; Aug. 8.
Buffer. S. Schwartz. 2,178,407; Oct. 31.
Buffer coupling, Automatic. L. Kurtossy. 2,150,330; Mar. 14.
Buffer, Drill-pipe. W. I. Bettis. 2,166,937; July 25.
Buffer fan hanger. S. J. Stewart. 2,185,019; Dec. 26.
Buffer for linotype machines, Spaceband. W. D. Hahn. 2,144,969; Jan. 24.
Buffer for looms, Picker stick. J. Vanore. 2,181,386; Nov. 28.
Buffer for railway cars. S. B. Haseltine. 2,146,015; Feb. 7.
Buffer for seat covers. E. Brock. 2,147,364; Feb. 14.
Buffing and polishing system, Air conditioned. G. Todd and O. Knight. 2,182,952; Dec. 12.
Buffing device, Rotary. G. R. Churchill. 2,146,284; Feb. 7.
Buffing, equipment. C. J. Hayton. 2,160,143; May 30.
Buffing machine. G. C. Blake and P. C. Smith. 2,184,175; Dec. 19.
Buffing machine. B. Jorgensen. 2,170,901; Aug. 29.
Buffing machine. J. N. Whitehouse. 2,145,961; Feb. 7.
Buffing wheel. J. E. Welhaven. 2,174,149; Sept. 26.
Buffing wheel. J. F. White. 2,167,059; July 25.
Builder mechanism for spinning frames. L. Desrosiers. 2,179,324; Nov. 7.
Builder mechanism for spinning frames. S. H. Helland. 2,179,332; Nov. 7.
Builder mechanism for spinning frames. W. J. Jacques. 2,146,435; Feb. 7.
Builder motion. G. E. Branch. 2,153,788; Apr. 11.
Building. C. W. Tingley. 2,153,164; Apr. 4.
Building and building construction, Prefabricated. J. A. Newlin and G. W. Trayer. 2,148,575; Feb. 28.
Building arches, Manufacturing. P. Thompson and H. Hanisch. 2,172,093; Sept. 5.
Building block. L. Anderson. 2,150,707; Mar. 14.
Building block. E. O. Blackwell. 2,153,913; Apr. 11.
Building block. A. C. Flores. 2,179,407; Nov. 7.
Building block. M. E. Freeman. 2,174,875; Oct. 3.
Building block. M. Gochnauer. 2,150,828; Mar. 14.
Building block. A. Henderson. 2,151,468; Mar. 21.
Building block. G. D. King and G. L. Phelps. 2,158,982; May 16.
Building block. C. E. Naylor. 2,146,549; Feb. 7.
Building block. C. B. Robbins. 2,172,053; Sept. 5.
Building block. W. S. Rugg and H. D. James. 2,150,809; Mar. 14.
Building block. E. E. Slick. 2,158,089; May 16.
Building block. A. E. Troiel. 2,143,667; Jan. 10.
Building block and assembly thereof. L. C. Smith. 2,157,992; May 9.
Building block and wall structure. L. F. Kemp. 2,154,754; Apr. 18.
Building block construction. J. L. Myer. 2,161,680; June 6.
Building block, Fabricated. R. B. Kubach. 2,173,020; Sept. 12.
Building block, Glass. H. L. Eastus. 2,156,623; May 2.
Building block, Hollow glass. B. F. Hazelton, Jr. 2,145,351; Jan. 31.
Building block, Lead-shielded. J. J. Ryan. 2,175,671; Oct. 10.
Building block, Reinforced interlocking. J. A. White. 2,144,823; Jan. 24.
Building block, Self-locking. E. P. Marsan. 2,163,381; June 20.
Building bodies, Manufacture of artificial. K. E. Haustein. 2,175,568; Oct. 10.
Building column. J. E. Heanue. 2,176,007; Oct. 10.
Building construction. P. L. Battey and H. S. Williams. 2,177,932; Oct. 31.
Building construction. J. P. Boggs. 2,155,216; Apr. 18.
Building construction. J. W. Briscoe. 2,176,986; Oct. 24.
Building construction. S. S. Calafati. 2,184,113; Dec. 19.
Building construction. R. M. Calkins and J. W. Swank. 2,142,110; Jan. 3.
Building construction. R. M. Calkins. 2,171,540; Sept. 5.
Building construction. O. I. Freeman. 2,184,714; Dec. 26.
Building construction. H. W. Holmstrom. 2,154,570; Apr. 18.
Building construction. G. F. Kotrbaty. 2,166,095–7; July 11.
Building construction. J. C. P. Leemhuis. 2,171,001; Aug. 29.
Building construction. L. L. Levene. 2,182,593; Dec. 5.
Building construction. F. D. Livermore. 2,143,420; Jan. 10.
Building construction. B. London. 2,164,137; June 27.
Building construction. B. London. 2,164,138; June 27.
Building construction. J. B. McClatchy, J. P. Mollenkof, and V. Mercaldo. 2,149,784; Mar. 7.
Building construction. R. W. McLaughlin, Jr. 2,142,523; Jan. 3.
Building construction. R. W. McLaughlin, Jr. 2,178,762; Nov. 7.
Building construction. R. W. McLaughlin, Jr. 2,181,831; Nov. 28.
Building construction. A. M. McLellan. 2,150,606; Mar. 14.
Building construction. A. M. McLellan. 2,151,860; Mar. 28.
Building construction. J. C. Morrell. 2,158,081–2; May 16.
Building construction. H. A. Myers. 2,183,620; Dec. 19.
Building construction. J. J. Newman. 2,160,225; May 30.
Building construction. M. Nirdlinger. 2,145,012; Jan. 24.
Building construction. W. B. North. 2,149,818; Mar. 7.
Building construction. A. C. Olsen. 2,152,418; Mar. 28.
Building construction. M. R. Price. 2,160,794; May 30.
Building construction. I. F. Reed. 2,166,371; July 18.
Building construction. A. A. Reinhard. 2,145,496; Jan. 31.
Building construction. J. J. Relihan. 2,177,264; Oct. 24.
Building construction. C. B. Robbins. 2,172,051–2; Sept. 5.
Building construction. E. L. Soule. 2,145,407; Jan. 31.
Building construction. P. P. Stoutenburgh. 2,146,775; Feb. 14.
Building construction. C. and H. R. Suiter. 2,165,686; July 11.
Building construction. S. F. Tapman. 2,157,359; May 9.
Building construction. F. M. Venzie. 2,153,014; Apr. 4.
Building construction. F. M. Venzie. 2,153,320; Apr. 4.
Building construction. M. X. C. Weinberger. 2,183,341; Dec. 12.
Building construction. J. J. Whelan. 2,168,725; Aug. 8.
Building construction. E. B. White. 2,151,399; Mar. 21.
Building construction. T. L. Wolfe. 2,160,773; May 30.
Building construction and building element. F. R. Hahn. 2,164,322; July 4.
Building construction and system for circulating air. J. H. Young. 2,182,686; Dec. 5.
Building construction, Interior. V. R. Humphries. 2,142,396; Jan. 3.
Building construction, Light-transmitting. L. Logan. 2,154,686; Apr. 18.
Building construction unit. B. W. McLaughlin, Jr. 2,183,381; Dec. 12.
Building covering. E. R. Black. 2,164,636; July 4.
Building covering material. L. H. Mattes. 2,151,220; Mar. 21.
Building covering member. G. Snyder. 2,164,725; July 4.
Building design and construction. H. Flato. 2,172,838; Sept. 12.
Building, Fabricated metal. O. M. Stolz. 2,143,288; Jan. 10.
Building flashing. G. W. and H. P. Orth. 2,182,877; Dec. 12.
Building, Folding portable. D. Holmes. 2,145,353; Jan. 31.
Building frame construction. M. K. Pederson. 2,169,474; Aug. 15.
Building material. G. E. Shackett. 2,181,466; Nov. 28.
Building material, Waterproof. A. Cheney. 2,143,220; Jan. 10.
Building materials or the like, Method and apparatus for making. N. P. Harshberger. 2,156,286; May 2.
Building member and construction. A. Henderson. 2,171,338; Aug. 29.
Building member, Composite. A. S. Brewer. 2,184,137; Dec. 19.
Building, Metallic. M. W. Lethly. 2,175,271; Oct. 10.
Building, Method of. P. J. Stockman. 2,174,394; Sept. 26.
Building, Mobile. J. J. Whelan. 2,154,142; Apr. 11.
Building-out unit. B. Slade. 2,178,653; Nov. 7.

Building, Prefabricated. J. C. Estes. 2,146,726; Feb. 14.
Building, Prefabricated. A. T. Levy. 2,147,659; Feb. 21.
Building, Prefabricated. J. H. Magnuson. 2,150,804; Mar. 14.
Building, Prefabricated. H. T. Patterson. 2,147,667; Feb. 21.
Building structure. P. and W. Rutten. 2,151,234; Mar. 21.
Building structure. J. H. Stites. 2,151,244; Mar. 21.
Building structure. R. C. Vokes. 2,154,590; Apr. 18.
Building structure and parts therefor. G. F. Kotrbaty. 2,169,253; Aug. 15.
Building structure, Expansible. A. B. Gray. 2,147,892; Feb. 21.
Building structure, Forming a. J. L. Walsh. 2,175,983; Oct. 10.
Building structure, Metal. E. W. Ingram and L. W. Ray. 2,169,388; Aug. 15.
Building structure, Portable. W. B. Stout. 2,155,876; Apr. 25.
Building suitable for countries liable to earthquakes. A. Beckius. 2,166,577; July 18.
Building system. H. T. Fisher. 2,177,699; Oct. 31.
Building unit. H. J. Mackin. 2,154,520; Apr. 18.
Building unit. P. J. Maul. 2,173,213; Sept. 19.
Building unit. J. V. Patterson. 2,155,709; Apr. 25.
Building unit and construction. C. F. Davis. 2,142,305; Jan. 3.
Building unit and element. G. F. Kotrbaty. 2,144,630; Jan. 24.
Building unit and element. G. F. Kotrbaty. 2,169,255; Aug. 15.
Building unit and manufacture thereof. L. Kirschbraun. 2,156,566; May 2.
Building unit and structure formed therefrom. C. G. Duffy. 2,176,213; Oct. 17.
Building unit and wall, Prefabricated. M. G. Hilpert. 2,159,991; May 30.
Building unit, Composite. W. E. S. Strong. 2,170,165; Aug. 22.
Building unit, Metallic. F. L. Hoess. 2,178,357; Oct. 31.
Buildings, Construction of. A. A. Ackley and C. H. Angell. 2,150,898; Mar. 21.
Bulb and battery tester. E. T. Stratton. 2,155,778; Apr. 25.
Bulb mount for piezoelectric crystals, Evacuated. L. Kamenarović. 2,178,909; Nov. 7.
Bulkhead door. J. J. Mascuch and A. S. Gorshkoff. 2,156,635; May 2.
Bulkhead gate, Overhead drop. G. F. Jones. 2,160,870; June 6.
Bulkhead, Portable. J. McMullen and J. T. Gallagher. 2,166,918; July 18.
Bulkhead, sea wall, and similar structures. F. Milliken. 2,184,462; Dec. 26.
Bulldozer. G. S. Allin. 2,167,166; July 25.
Bulldozer. C. Le Bleu. 2,160,702; May 30.
Bulldozer. W. W. Criley. 2,183,670; Dec. 19.
Bulldozer. J. S. Stewart. 2,182,412; Dec. 5.
Bulldozer and hoist, Combined gear powered. T. P. Flynn and R. E. Neils. 2,166,105; July 18.
Bulldozer attachment for tractors. H. A. Hutchins and J. S. Stewart. 2,169,606; Aug. 15.
Bullet deflecting attachment for firearm. C. B. Greenstreet. 2,166,468; July 18.
Bumper. W. P. Mueth. 2,146,642; Feb. 7.
Bumper. R. A. Ponselle. 2,153,481; Apr. 4.
Bumper and draft gear, Dual action spring. R. A. Shields. 2,164,594; July 4.
Bumper and drawhead, Mine car spring. V. Willoughby. 2,164,558; July 4.
Bumper and license plate holder, Combined. E. E. Wyatt. 2,167,791; Aug. 1.
Bumper and lock striker, Door. R. J. Waterbury. 2,153,110; Apr. 4.
Bumper antenna system and mounting, Automobile. D. H. Mills. 2,182,484; Dec. 5.
Bumper apparatus, Safety car. T. K. Brockett. 2,159,651; May 23.
Bumper arrangement on attic fans, Spring. M. J. Bartch and G. C. Polk. 2,148,524; Feb. 28.
Bumper attachment. S. D. Bosket. Re. 21,056; Apr. 25.
Bumper, Automobile. H. R. Bates. 2,166,483; July 18.
Bumper, Automobile. W. J. McIntyre. 2,181,245; Nov. 28.
Bumper, Automobile. J. A. Scheutz. 2,179,427; Nov. 7.
Bumper, Automobile. L. Zaiger. 2,183,438; Dec. 12.
Bumper, Automobile safety. M. A. Lewis. 2,168,908; Aug. 8.
Bumper bar, Making a. E. M. Baker. 2,173,092; Sept. 19.
Bumper construction. Nonhook, nonskid. R. B. Fageol. 2,173,642; Sept. 19.
Bumper device. W. L. Morrison. 2,160,439; May 30.
Bumper, Door. F. L. Covert. 2,182,611; Dec. 5.
Bumper for automobiles and the like vehicles. O. R. Schreiber. 2,179,431; Nov. 7.
Bumper for vehicle doors. C. J. O'Rourke. 2,146,090; Feb. 7.
Bumper jack. L. D. Nilson. 2,146,403; Feb. 7.
Bumper, Mine car. V. Willoughby. 2,164,859; July 4
Bumper post, Automobile. G. C. Monckmeier. 2,148,242; Feb. 21.
Bumper structure. H. S. Jandus. 2,157,825; May 9.
Bumper switch. H. E. Williams and L. A. Durant. 2,184,868; Dec. 26.
Bumper, Vehicle. L. Y. Booharin. 2,144,357; Jan. 17.
Bumper, Vehicle. H. Carta. 2,173,408; Sept. 19.
Bumper, Vehicle. E. Eaton. 2,157,657; May 9.
Bumper, Vehicle. N. MacKinnon. 2,147,745; Feb. 21.
Bumper, Vehicle. F. Ryan. 2,145,952; Feb. 7.
Bumper, Vehicle. E. D. Walter. 2,170,981; Aug. 29.
Bumper, Vehicle. W. C. Walter. 2,171,104; Aug. 29.
Bumper, Vertical. J. F. McAdams. 2,145,814; Jan. 31.
Bun filling device. J. E. Strietelmeier. 2,149,639; Mar. 7.
Bundle trimmer, Random length. E. G. Cleveland. 2,160,307; May 30.
Bundling apparatus. C. O. Walper. 2,176,385; Oct. 17.
Bundling machine. W. S. Fraula. 2,173,393; Sept. 19.
Bung and making same, Metal barrel. R. Campbell and J. R. Proctor. 2,144,701; Jan. 24.
Bung fitting. R. S. Rheem. 2,152,919; Apr. 4.
Bunion mold. P. O. Koehler. 2,147,707; Feb. 21.
Bunion removing appliance. W. L. Carroll. 2,150,645; Mar. 14.
Bunsen and similar burner. H. M. Ullmann. 2,171,816; Sept. 5.
Bunsen burner. R. C. Underwood. 2,184,203; Dec. 19.
Burette. M. F. Betzold, C. Rascher, and C. A. Torp. 2,158,102; May 16.
Burglar alarm switch. C. F. Schultz. 2,150,873; Mar. 14.
Burglar catching device. R. C. Jimenez. 2,177,140; Oct. 24.
Burial apparatus, Sectional. W. W. Haase. 2,163,171; June 20.
Burial box. A. F. Howe. 2,180,739; Nov. 21.
Burial device, Power operable. W. W. Haase. 2,163,172; June 20.
Burial device, Universal. W. W. Haase. 2,163,173; June 20.
Burial receptacle. R. L. Taylor. 2,156,552; May 2.
Burner: *See*—

Blast burner.	Gas stove burner.
Bunsen and similar burner.	Hydrocarbon burner.
	Liquid fuel burner.
Bunsen burner.	Needle point burner.
Charcoal burner.	Oil burner.
Down-draft burner.	Pilot burner.
Fluid burner.	Pulverized-fuel burner.
Fluid fuel burner.	Rotary gas burner.
Fuel burner.	Vaporizer-burner.
Gas burner.	Weed burner.

Burner. K. P. Brace. 2,174,818; Oct. 3.
Burner. J. N. Macrae. 2,156,121; Apr. 25.
Burner. G. W. Pontius, Jr. 2,175,310; Oct. 10.
Burner. F. A. Stoll. 2,155,339; Apr. 18.
Burner and fuel combustion, Fuel. J. E. Greenawalt. 2,184,861; Dec. 26.
Burner and support therefor, Gas. F. H. Schneider and D. Saponara. 2,148,777; Feb. 28.
Burner apparatus. H. D. Dufault. 2,148,368; Feb. 21.
Burner arrangement, Pilot. T. E. Phares. 2,144,894; Jan. 24.
Burner construction. C. A. Hobstetter, J. P. Gillis, and A. L. Milton. 2,161,865; June 13.
Burner construction. W. Trinks. 2,183,596; Dec. 19.
Burner control apparatus. B. E. Shaw. 2,162,126; June 13.
Burner control, Gas. W. S. McDonough. 2,161,070; June 6.
Burner control, Oil. R. E. Fowler. 2,149,842; Mar. 7.
Burner control, Oil. H. C. Rohr. 2,171,950; Sept. 5.
Burner control, Oil. C. T. Wallis and W. H. Hutchins. 2,171,957; Sept. 5.
Burner control, Surface. C. A. Pierson. 2,148,407; Feb. 21.
Burner control system, Fluid fuel. C. G. Kronmiller. 2,159,617; May 23.
Burner control system, Gas. E. L. Tornquist. 2,184,983; Dec. 26.
Burner control-variable resistance with temperature type, Oil. R. H. Sullivan. 2,171,955; Sept. 5.
Burner controller, Fluid. L. M. Perkins. 2,178,672; Nov. 7.
Burner for absorbtion refrigeration apparatus, Liquid fuel. G. Grubb. 2,158,282; May 16.
Burner for crude petroleum, Atomizing. S. H. López. 2,161,785; June 13.
Burner for depitching beer barrels. N. M. Hansen. 2,184,142; Dec. 19.
Burner for furnaces. H. B. Barber. 2,153,951; Apr. 11.
Burner for gaseous or liquid fuel. S. T. Sherrick and C. A. Lewallen. 2,184,653; Dec. 26.
Burner for liquid fuel. J. L. Breese. 2,169,755; Aug. 15.
Burner for liquid fuel. J. L. Breese. 2,179,610; Nov. 14.
Burner for liquid fuel. J. L. Breese. 2,181,261; Nov. 28.
Burner for liquid fuel. J. L. Breese. 2,182,465–6; Dec. 5.
Burner for liquid fuels. J. L. Breese. 2,166,231; July 18.
Burner for ranges, Oil. W. W. Hallinan. 2,148,617; Feb. 28.
Burner head and support for thermocouples, Pilot. C. Wantz. 2,181,843; Nov. 28.
Burner igniting apparatus, Gas. B. G. Horstmann. 2,146,479; Feb. 7.

Burner igniting device. F. L. Fox. 2,155,122; Apr. 18.
Burner ignition device, Oil. O. L. Bock. 2,162,572; June 13.
Burner, Making a pilot light. E. Hassig. 2,151,271; Mar. 21.
Burner mechanism and igniting means, Gas stove. J. E. Browning. 2,152,531; Mar. 28.
Burner, Oil. H. W. Alden and M. A. Powers. Re. 20,982; Jan. 24.
Burner unit. R. Johnson. 2,151,973; Mar. 28.
Burner valve, Double. R. E. Schoenberger. 2,162,233; June 13.
Burner with a cleansing device and a cut-off member, Gasification. H. Akström. 2,181,014; Nov. 21.
Burners, Attachment for liquid fuel. E. C. Vollmer. 2,150,782; Mar. 14.
Burners, Controlling gas and oil. J. R. Scheel. 2,184,947; Dec. 26.
Burners, Device for improving combustion in oil. C. Siebring. 2,175,002; Oct. 3.
Burners for boilers, Method of and apparatus for controlling fluid fuel. G. Wünsch and K. Blasig. 2,150,113; Mar. 7.
Burners for low capacity burning, Adjusting oil. E. C. Vollmer. 2,181,527; Nov. 28.
Burnishing, Method of and apparatus for. W. Lockhart. 2,170,533; Aug. 22.
Burr cleaner. L. M. McGarry. 2,165,643; July 11.
Burr holding device. W. Avstreih. 2,148,721; Feb. 28.
Burrs from welded rod lengths, Removing. E. D. Tubbs. 2,169,824; Aug. 15.
Bus. S. J. Stanton. 2,173,770; Sept. 19.
Bus bar and strip bender. L. W. Farney. 2,166,347; July 18.
Bus bar assembly. W. M. Scott, Jr. 2,144,247; Jan. 17.
Bus bar conduit system. F. Harvey. 2,161,571; June 6.
Bus bar conduit system of power distribution. H. J. Hammerly. 2,173,062; Sept. 12.
Bus bar, Ventilated. R. W. Shoemaker and H. C. Daniels. 2,167,378; July 25.
Bus ducts, Making. W. H. Frank. 2,158,656; May 16.
Bus system, Electrical. J. M. Melzer. 2,181,664; Nov. 28.
Bush for winding keys, Movable dustproof. H. Junghans. 2,162,309; June 13.
Bushing. S. W. Long. 2,169,264; Aug. 15.
Bushing. A. A. Skvortzoff. 2,179,356; Nov. 7.
Bushing and handling same, Rotary table. W. A. Abegg. 2,183,526; Dec. 19.
Bushing and slip assembly. D. L. Driscoll. 2,144,146; Jan. 17.
Bushing arrangement, Rotary machine. R. W. Whann. 2,182,935; Dec. 12.
Bushing, Drill stem roller drive. J. D. Spalding. 2,179,645; Nov. 14.
Bushing, Electrical lead-in. R. M. Smith. 2,169,967; Aug. 15.
Bushing, Flue. S. F. Jackes and R. Gehne. 2,168,066; Aug. 1.
Bushing for electrical apparatus, Protective. J. R. Gaston. 2,142,188; Jan. 3.
Bushing for rotary tables. A. Pranger. 2,160,516; May 30.
Bushing for rotary tables, Drive. W. H. Maxwell. 2,174,108; Sept. 26.
Bushing, Kelly. B. Bronzan and G. D. Johnson. 2,179,006; Nov. 7.
Bushing, Kelly-bar. W. A. Abegg. 2,155,109; Apr. 18.
Bushing puller. J. H. Robinson. 2,154,867; Apr. 18.
Bushing remover. A. E. Gentry. 2,176,626; Oct. 17.
Bushing ring. S. Schwartz. 2,144,346; Jan. 17.
Bushing ring, Forming a. S. Schwartz. 2,184,949; Dec. 26.
Bushing, Rod-supporting. L. E. Humphries. 2,170,718; Aug. 22.
Bushing, Rotary table. G. D. Johnson. 2,144,156; Jan. 17.
Bushing, Split. G. T. Cooke. 2,161,559; June 6.
Bushing, Steering column. J. D. Chamberlin. 2,164,497; July 4.
Bushing structure for containers and the like, Drum. L. B. Wackman. 2,182,954; Dec. 12.
Bushing structure, Forming a. M. Schwartz. 2,144,394; Jan. 17.
Bushings and bushed chain links and the articles produced by said method, Method of making. J. M. Bryant and H. A. McAninch. 2,155,584; Apr. 25.
Bushings, Making. F. Salansky. 2,177,584; Oct. 24.
Bushings, Sizing porous metal. J. C. Lemming and J. H. Davis. 2,168,301; Aug. 1.
Bushing, Telescopic. J. P. Marx. 2,183,296; Dec. 12.
Business machine. R. L. Muller. 2,147,051; Feb. 14.
Business machine stand. W. T. Sagner. 2,160,289; May 30.
Bust support. V. F. Kemp. 2,156,478; May 2.
Butadiene derivatives, Halogen containing. E. Gebauer-Fuelnegg. 2,145,390; Jan. 31.
Butadiene from 1,3-butylene glycol, Production of. M. Mueller-Cunradi and H. Krekeler. 2,184,164; Dec. 19.
Butadiene, Producing. V. E. Wellman. 2,174,280; Sept. 26.
Butadiene, Production of. R. Stadler, K. Ackermann, and E. Lehrer. 2,145,059; Jan. 24.
Butane, Treatment of. V. Ipatieff and H. Pines. 2,169,494; Aug. 15.
Butanol and acetone by the fermentation of whey, Production of. A. Frey, H. Glück, and H. Oehme. 2,166,047; July 11.
Butcher block treating implement. J. Goertzen. 2,178,169; Oct. 31.
Butt welding machine, Resistance. R. A. Gilbert. 2,175,022; Oct. 3.
Butter-chip maker. M. J. Weinberg. 2,147,684; Feb. 21.
Butter cutter. M. A. Berg. 2,174,772; Oct. 3.
Butter cutting machine. L. Herber. 2,170,685; Aug. 22.
Butter dispensing device. F. W. Knott. 2,153,255; Apr. 4.
Butter feeder. M. J. Milmoe and C. J. Malhiot. 2,180,163; Nov. 14.
Butter mold. J. B. Wurtzel. 2,148,003; Feb. 21.
Butter or the like, Method and apparatus for wrapping prints of. K. G. Heft and E. J. Rapp. 2,177,773; Oct. 31.
Butter print machine. H. H. Doering. 2,143,304; Jan. 10.
Butter, Producing. P. A. van de Meulen and D. Levowitz. 2,168,376; Aug. 8.
Butterfly valve, Hydraulic rotor operated. P. A. Kinzie, J. L. Savage, and M. E. Nantz. 2,152,651; Apr. 4.
Button. A. Amrein. 2,161,780; June 13.
Button. H. Chalfin. 2,164,386; July 4.
Button. L. Isasi. 2,175,840; Oct. 10.
Button. L. Richmond and D. Eckert. 2,150,563; Mar. 14.
Button. L. Richmond and D. Eckert. 2,175,029; Oct. 3.
Button. R. V. Vélez. 2,176,649; Oct. 17.
Button and illuminated house number device, Combined push. J. H. McCann and F. H. Seaburg. 2,157,772; May 9.
Button, Attaching. F. O. Lane. 2,155,496; Apr. 25.
Button, Collar. F. H. Rauh. 2,152,326; Mar. 28.
Button-cutting machine. G. W. Hopkins. 2,163,338; June 20.
Button fastener. A. Illsche. Re. 21,304; Dec. 19.
Button fastener. H. F. Kors. 2,174,518; Oct. 3.
Button fastening means. S. A. Harrison. 2,150,118; Mar. 7.
Button, Flexible. L. R. Carley and F. G. Purinton. 2,179,032; Nov. 7.
Button, Flexible. F. G. Purinton. 2,176,545; Oct. 17.
Button for garments, Threadless detachable. G. W. Lancaster. 2,174,521; Oct. 3.
Button forming and wire inserting machine. L. C. Stringer. 2,163,071; June 20.
Button hand switch, Remote control dual. L. C. Stringer. 2,163,070; June 20.
Button, Horn. W. K. Creson. 2,181,783; Nov. 28.
Button loop. C. E. Anderson. 2,146,496; Feb. 7.
Button machine. B. F. Berman and C. Litwack. 2,175,737; Oct. 10.
Button manufacture. J. M. Clark. 2,150,877; Mar. 14.
Button rivet. F. G. Purinton. 2,172,594; Sept. 12.
Button sewing machine. R. L. Lyons. Re. 21,016; Feb. 28.
Button, Tack. F. G. Purinton. 2,179,521–2; Nov. 14.
Buzzer, Alternating current. J. A. Rostron. 2,180,881; Nov. 21.
Bypass assembly for packers. D. Hanes. 2,144,842; Jan. 24.
Bypass valve. F. R. Goehring. 2,169,043; Aug. 8.
Bypass valve. F. W. Moore. 2,160,028; May 30.
Bypass valve. R. C. Tucker. 2,145,820; Jan. 31.
C clamp. J. E. Williams. 2,169,064; Aug. 8.
Cab, Forward-tilting. H. E. Spear. 2,148,308; Feb. 21.
Cab signaling and train control system, Continuous inductive. D. V. Edwards. 2,150,857; Mar. 14.
Cabbage setter, Hand. F. T. Twitchell. 2,165,821; July 11.
Cabin enclosure for aircraft, Retractable. H. W. Case. 2,142,997; Jan. 10.
Cabin, Oxygenated. O. H. Otterson. 2,181,199; Nov. 28.
Cabinet: *See*—
- Beverage cooling cabinet.
- Bread raising cabinet.
- Climate cabinet.
- Cosmetic cabinet.
- Display cabinet.
- Display hydrator cabinet.
- Fan cabinet.
- Filing cabinet.
- Foldable cabinet.
- Fuse cabinet.
- Heating, drying, and sterilizing cabinet.
- Image projection cabinet.
- Insulated cabinet.
- Ironing machine cabinet.
- Kitchen cabinet.
- Lavatory cabinet.
- Meter cabinet.
- Milk bottle cabinet.
- Milk cooling cabinet.
- Mimi-o-file cabinet.
- Music cabinet.
- Paper dispensing cabinet.
- Picture display cabinet.
- Printer's type cabinet.
- Radio cabinet.
- Refrigerated cabinet.
- Refrigerator cabinet.
- Sink cabinet.
- Steam bath cabinet.
- Sterilizing and storage cabinet.
- Storage cabinet.
- Toilet cabinet.
- Tooth brush cabinet.
- Towel cabinet.
- Towel dispensing cabinet.
- Utility cabinet.
- Vapor bath cabinet.
- Vending cabinet.
- Wall cabinet.
- Writing cabinet.

Cabinet. R. S. Ashbery. 2,165,122; July 4.
Cabinet. H. Derman. 2,172,956; Sept. 12.
Cabinet. J. E. Foltz. 2,143,239; Jan. 10.
Cabinet. H. E. Mills. 2,166,640; July 18.
Cabinet. A. I. Palmer. 2,166,018; July 11.
Cabinet. R. W. Rosendale. 2,167,525; July 25.

Cabinet. H. Stephens. 2,150,640; Mar. 14.
Cabinet. P. O. Unger and J. H. Talmage. 2,167,013; July 25.
Cabinet. P. O. Unger. 2,184,822; Dec. 26.
Cabinet. F. B. Wiseman. 2,158,713; May 16.
Cabinet. P. Zalkind. 2,159,069; May 23.
Cabinet and apparatus, Radio. M. W. Kenney. 2,174,107; Sept. 26.
Cabinet and making and assembling the same. C. C. Thomas. 2,180,886; Nov. 21.
Cabinet and means for mounting a supply roll therein, Dispensing. F. G. Steiner. 2,169,399; Aug. 15.
Cabinet and table, Combined motor vehicle service. J. R. King. 2,184,047; Dec. 19.
Cabinet assembly, Knock-down. K. E. B. Stenberg. 2,158,641; May 16.
Cabinet bath apparatus. G. A. Schulte. 2,158,681; May 16.
Cabinet construction. W. P. Gray. 2,155,128; Apr. 18.
Cabinet construction. G. F. Forsthoefel. 2,166,630; July 18.
Cabinet construction. J. W. Jensen. 2,172,614; Sept. 12.
Cabinet construction. W. F. Regenhardt. 2,169,769; Aug. 15.
Cabinet construction, Refrigerator. H. D. White. 2,166,629; July 18.
Cabinet domestic appliance. J. T. Hume and C. Van Westrum. 2,156,759; May 2.
Cabinet door, Metal. A. Golden. 2,162,333; June 13.
Cabinet for bathrooms, etc., Wall-inset heater. A. Marchand. 2,171,662; Sept. 5.
Cabinet for displaying building tile. C. H. Burchenal. 2,161,130; June 6.
Cabinet for mops, Vacuum. P. Bischof. 2,164,131; June 27.
Cabinet for oils or other fluent materials, Dispensing. A McL. Lowe. 2,162.625: June 13.
Cabinet for powdering and turning inside-out of rubber gloves. R. V. and K. Foster. 2,158,575; May 16.
Cabinet or the like, Filing. A. C. Strayer. 2,179,904; Nov. 14.
Cabinet rack. G. L. Reese. 2,168,172; Aug. 1.
Cabinet, shelf, and light, Radio. D. V. Marsh. 2,163,615; June 27.
Cabinet structure. D. C. Rockola. 2,142,804; Jan. 3.
Cable: *See*—

Armored electrical cable.	Ignition cable.
Electric cable.	Ignition manifold cable.
Electrical cable.	Insulated cable.
Fire detecting cable.	Multiconductor cable.
Gas insulated cable.	Power and communication cable.
High-frequency cable.	Signaling cable.
High tension cable.	

Cable. P. M. Bourdon. 2,181,475; Nov. 28.
Cable, Air space insulated signaling. A. Braun. 2,157,475; May 9.
Cable and wire laying machine. A. E. Freeman and T. C. Smith. 2,184,912; Dec. 26.
Cable attaching means. H. C. Gaither. 2,165,542; July 11.
Cable casing cutter. T. I. Sherrill. 2,159,715; May 23.
Cable clamp. B. L. Donald. 2,167,799; Aug. 1.
Cable clamp. B. L. Donald, R. E. Moley, and W. T. Godard. 2,174,624; Oct. 3.
Cable clamp. E. T. Sayers. 2,181,072; Nov. 21.
Cable clamp, Service entrance. E. H. Rugg. 2,169,111; Aug. 8.
Cable compound, Fireproof. J. G. Ford and C. F. Hill. 2,158,281; May 16.
Cable connector. J. W. Hofmann. 2,182,151; Dec. 5.
Cable connector. G. C. Thomas, Jr. 2,175,097; Oct. 3.
Cable connector for outlet boxes. M. J. Conners. 2,160,353; May 30.
Cable construction. C. A. Arens. 2,146,412; Feb. 7.
Cable construction. M. L. Eckman. 2,175,749; Oct. 10.
Cable control, Well drilling. H. W. Buschman. 2,157,951; May 9.
Cable conveying and distributing means. W. B. Ranney. 2,173,952; Sept. 26.
Cable cutter. N. T. Baldanza. 2,165,209; July 11.
Cable equalizer. T. J. Wilson. 2,180,491; Nov. 21.
Cable forming apparatus. L. O. Reichelt. 2,155,980; Apr. 25.
Cable grip or the like. E. E. Kellems. 2,143,985; Jan. 17.
Cable gripping device, Dead-end. C. L. Chatham. 2,181,392; Nov. 28.
Cable hanger. F. H. Pierson. 2,172,174; Sept. 5.
Cable insulating compositions. R. T. Haslam. 2,145,350; Jan. 31.
Cable installation. H. W. Fisher. 2,163,783; June 27.
Cable manufacturing apparatus. G. A. Seeley. 2,172,945; Sept. 12.
Cable, Method of and apparatus for making. W. Morsing. 2,156,952; May 2.
Cable plug in sleeves. H. Baillard and V. B. Pike. 2,168,757; Aug. 8.
Cable reel. M. Armstrong. 2,157,781; May 9.
Cable reel jack. F. L. Gormley and H. S. Brown. 2,160,543; May 30.
Cable reel lagging. H. V. Schmidt. 2,169,293; Aug. 15.
Cable release for time exposures. W. A. Riddell. 2,165,414; July 11.
Cable release, Ratchet. W. A. Riddell. 2,172,294; Sept. 5.
Cable splice and the like. A. J. Hixon. 2,182,896; Dec. 12.
Cable, Splicing a. G. A. Seeley. 2,156,772; May 2.
Cable support. J. E. Talbott. 2,149,875; Mar. 7.
Cable supporting device. E. St. John. 2,182,885; Dec. 12.
Cable system, Electric. C. E. Bennett. 2,150,201; Mar. 14.
Cable system, Electric. C. E. Bennett. 2,168,858; Aug. 8.
Cable system, Electric. C. E. Bennett. 2,174,961; Oct. 3.
Cable system, Electric. P. Dunsheath. 2,151,092; Mar. 21.
Cable system, Electric. F. H. Gooding and G. N. Everest. 2,161,413; June 6.
Cable system, Electric. F. C. Meyer. 2,180,425; Nov. 21.
Cable system, Undersea. W. M. Bishop. 2,158,492; May 16.
Cable tapping device. A. J. Hixon. 2,154,163; Apr. 11.
Cable tapping device. A. J. Hixon. 2,159,154; May 23.
Cable terminal. W. S. Graff-Baker. 2,151,807; Mar. 28.
Cable terminal binding posts, Repairing. J. W. Channell. 2,173,327; Sept. 19.
Cable terminal, Buried. H. G. Addie. 2,184,574; Dec. 26.
Cable terminal, Coaxial. T. R. Scott and T. E. D. Menzies. 2,152,504; Mar. 28.
Cable terminal, Radio frequency. W. Moser. 2,173,643; Sept. 19.
Cable terminal, Spark plug. F. P. Upton. 2,182,998; Dec. 12.
Cable to a box, Device for connecting. N. A. Tornblom. 2,170,393; Aug. 22.
Cables and the like, Stringing and sagging in power. A. P. Taylor. 2,174,428; Sept. 26.
Cables, Apparatus for guiding. N. P. Larsen and H. J. Troche. 2,180,987; Nov. 21.
Cables, Apparatus for manufacturing electric. E. P. Barrett. 2,156,934; May 2.
Cables, Jointing and effecting repairs to electric. S. Chaplin. 2,142,884; Jan. 3.
Cables, Means and method of sectionalizing coaxial. J. F. Wentz. 2,179,971; Nov. 14.
Cables, Process and machine for winding. G. Wolf. 2,169,828; Aug. 15.
Cables, Suspending aerial. A. C. Bookout and F. B. Pitts. 2,153,072; Apr. 4.
Cables, Termination and joint for electric. E. Bowden and S. Chaplin. 2,174,377; Sept. 26.
Cabscope. E. C. Bixel and H. D. Brown. 2,161,006; June 6.
Cadmium composition. F. R. Hensel. 2,182,380; Dec. 5.
Cadmium plating, Method and composition for. L. Camel. 2,143,760; Jan. 10.
Cadmium, Purification of. W. J. O'Brien. 2,178,763; Nov. 7.
Cadmium selenide, Producing. N. E. Gordon and E. C. Pitzer. 2,176,495; Oct. 17.
Cage, Airplane passenger. M. Cichero. 2,156,252; Apr. 25.
Cage and feeder structure for poultry, Combined. L. Hawkins. 2,169,144; Aug. 8.
Cage, Fisherman's live bait. S. E. Whitaker. 2,149,482; Mar. 7.
Cage for hydraulic transmission. K. B. Glenn. 2,145,872; Feb. 7.
Cage, Hen laying. L. Hawkins. 2,176,814; Oct. 17.
Cage, Scenic insect. F. E. Austin. 2,174,305; Sept. 26.
Cages, Attachment for bird. G. A. Rosenfelder. 2,174,481; Sept. 26.
Caisson, Semicoffer or ship. H. Gerdes. 2,166,865; July 18.
Cake. M. B. Katzman. 2,176,077; Oct. 17.
Cake. M. B. Katzman. 2,176,079; Oct. 17.
Cake batter and shortening for making cake. B. R. Harris. 2,158,775; May 16.
Cake making device. A. Lagrange. 2,180,061; Nov. 14.
Cake swift. H. J. McDermott. 2,154,343; Apr. 11.
Calcimine. H. A. Scholz and A. Adams. 2,177,154; Oct. 24.
Calcite, Concentrating. A. Crago. 1,158,220; May 16.
Calcium arsenate, Manufacture of. I. L. Haag. 2,166,246; July 18.
Calcium arsenate, Manufacturing. A. R. Lindblad and A. G. P. Palén. 2,156,595; May 2.
Calcium carbide, Making. F. T. Snyder. 2,174,900; Oct. 3.
Calcium carbide, Preparing. E. Winter, F. Lückerath, and P. Windelband. 2,177,621; Oct. 24.
Calcium carbonate, Calcining finely divided. T. E. Lloyd. 2,167,120; July 25.
Calcium carbonate, Preparation of. H. Roderick. 2,164,943; July 4.
Calcium chloride, Forming lumps of. C. R. Downs and J. W. Spiselman. 2,154,671; Apr. 18.
Calcium cyanamid, Treatment of crude. G. E. Cox and W. G. McBurney. 2,164,986; July 4.
Calcium cyanamide and preparing same, Nondusting. E. Winter and H. Polack. 2,161,328; June 6.
Calcium cyanamide, Preparing. E. Winter and H. Polack. 2,180,382; Nov. 21.
Calcium hypochlorite composition, Stable. J. D. MacMahon. 2,166,362–3; July 18.
Calcium metaphosphate, Apparatus for making. H. A. Curtis and R. C. Heaton. 2,173,825; Sept. 26.

Calcium metaphosphate, Making. Curtis H. A. 2,184,287; Dec. 26.
Calcium phosphate and manufacture thereof, Granular. A. H. Fiske. 2,182,613; Dec. 5.
Calcium phosphate products, Making. J. W. Turrentine. 2,170,843; Aug. 29.
Calcium sulphate, Making. R. W. Sullivan. 2,151,339; Mar. 21.
Calcium sulphate, Producing. W. W. Heckert. 2,177,254; Oct. 24.
Calculating and accounting machine. C. Smith. 2,176,929–31; Oct. 24.
Calculating and accounting machine. C. Smith. 2,176,933; Oct. 24.
Calculating and recording machine, Combined. H. A. Foothorap. 2,145,254; Jan. 31.
Calculating device. A. Goldstein. 2,163,032; June 20.
Calculating device. F. W. Ludecke and C. V. Smith. 2,143,892; Jan. 17.
Calculating device. L. E. Perry. 2,152,604; Mar. 28.
Calculating device. L. Thiboust. 2,179,905; Nov. 14.
Calculating machine. T. M. Butler. 2,165,340; July 11.
Calculating machine. G. C. Chase. 2,150,578; Mar. 14.
Calculating machine. G. C. Chase. 2,176,205; Oct. 17.
Calculating machine. E. H. Dreher. 2,172,748; Sept. 12.
Calculating machine. H. E. Enders. 2,149,338; Mar. 7.
Calculating machine. C. M. F. Friden. 2,142,892; Jan. 3.
Calculating machine. C. Hamann. 2,170,406; Aug. 22.
Calculating machine. S. Hilder. 2,160,361; May 30.
Calculating machine. G. W. Hopkins, Jr. 2,157,411; May 9.
Calculating machine. F. A. Hosack. 2,166,066; July 11.
Calculating machine. G. Lerch. 2,148,760; Feb. 28.
Calculating machine. A. B. Machado. 2,152,199; Mar. 28.
Calculating machine. W. F. Martin. 2,166,845; July 18.
Calculating machine. E. C. McClure. 2,178,913; Nov. 7.
Calculating machine. R. L. Muller. 2,158,142; May 16.
Calculating machine. F. A. Niemann and J. A. V. Turck. 2,149,817; Mar. 7.
Calculating machine. J. R. Peirce. 2,172,071; Sept. 5.
Calculating machine. F. Pott. 2,157,459; May 9.
Calculating machine. A. F. Pott. 2,173,635; Sept. 19.
Calculating machine. C. Smith. 2,176,934; Oct. 24.
Calculating machine. E. C. Walter. 2,147,359; Feb. 14.
Calculating machine and recording and the like machine. K. Aurbach. 2,173,246; Sept. 19.
Calculating machine, Electrical. C. Smith. 2,176,932; Oct. 24.
Calculating machine for effecting division. J. W. Bryce and A. H. Dickinson. 2,165,220; July 11.
Calculating mechanism. W. Tobias. 2,148,594; Feb. 28.
Calculating mechanism, Automatically controlled. R. E. Paris. 2,165,298; July 11.
Calculating mechanism for measuring instruments. P. F. Everitt. 2,145,347; Jan. 31.
Calculating or adding machine. G. B. Petter. 2,142,286; Jan. 3.
Calculator. S. G. Gould. 2,171,873; Sept. 5.
Calculator, Listing. L. P. Crosman. 2,147,692; Feb. 21.
Calendar. M. Hässler. 2,170,023; Aug. 22.
Calendar, Automatic. Z. Jiskra. 2,146,340; Feb. 7.
Calendar, Clock. H. Basler. 2,147,280; Feb. 14.
Calendar, Desk memorandum. J. P. Wege. 2,153,855; Apr. 11.
Calendar device. J. H. Kulow. 2,160,104; May 30.
Calendar, Mechanical. G. D. Rogers. 2,158,553; May 16.
Calendar, Pad. W. H. Kemp. 2,185,151; Dec. 26.
Calendar, Pad-a-month desk. J. P. Wege. 2,149,904; Mar. 7.
Calendar, Perpetual. C. W. Hillcourt. 2,170,408; Aug. 22.
Calendar, Perpetual. E. Schillaci. 2,154,013; Apr. 11.
Calendar, Perpetual date. J. G. Paulin. 2,146,981; Feb. 14.
Calendar, Rhythmic cycle. V. A. Gates. 2,161,345; June 6.
Calendering machine. P. Gleissner. 2,180,046; Nov. 14.
Calf feeding supplement. J. M. Coyner. 2,182,171; Dec. 5.
Calf weaner. W. P. Inabnit. 2,145,983; Feb. 7.
Calf weaner. M. A. Snapp. 2,163,330; June 20.
C-aliphatic isocyclic amines N-substituted by oxyaliphatic radicals. A. Steindorff, G. Balle, K. Horst, and H. Schild. 2,161,322; June 6.
Caliper. J. D. McClure. 2,146,508; Feb. 7.
Caliper for a gatherer. G. A. Swanson. 2,166,709; July 18.
Caliper, Telemeter-type internal. A. G. Kregecz. 2,150,070; Mar. 7.
Calk device. H. M. Pierce and J. H. Hermson. 2,161,883; June 13.
Calk device. H. M. Pierce and J. H. Hermson. 2,178,106; Oct. 31.
Calk for tire chains. J. R. Reyburn. 2,180,097; Nov. 14.
Call distributing system. W. T. Powell. 2,172,805; Sept. 12.
Call ticketing system, Automatic. W. Hatton, L. B. Haigh, and L. Kozma. 2,180,824; Nov. 21.
Call transmitter. J. C. Field. 2,183,713; Dec. 19.
Call transmitter. R. F. Mallina. 2,147,710; Feb. 21.
Calorie counter. R. C. Herzog. 2,150,442; Mar. 14.
Calorimeter, Integrating. M. Goetzl. 2,163,730; June 27.
Cam action, Overlapping. W. H. Johnson. 2,159,739; May 23.
Cam-action punch press. A. J. Zaveruka. 2,155,629; Apr. 25.
Cam, Adjustable slip. D. V. Ackerman. 2,183,950; Dec. 19.
Cam control, Harness. E. Messer. 2,160,554; May 30.
Cam follower. O. Bochmann. 2,183,061; Dec. 12.
Cam, Helical periphery. M. K. von Zimmermann. 2,173,135; Sept. 19.
Cam, Knitting machine. J. F. Thiel. 2,180,265; Nov. 14.
Cam-lapping machine. H. S. Indge. 2,162,662; June 13.
Cam making machine. C. A. Bickel. 2,143,258; Jan. 10.
Cam mechanism. J. Verderber and E. F. Batterman. 2,153,998; Apr. 11.
Cam motion transmitting devices. E. Bugatti. 2,151,832; Mar. 28.
Camshafts and the like, Hardening. J. D. Judge. 2,178,281; Oct. 31.
Cam, Split. A. E. Borton. 2,161,243; June 6.
Cam structure, Variable. C. H. Bissell. 2,163,864; June 27.
Camber wing, Variable. C. H. Grant. 2,146,014; Feb. 7.
Cambering mechanism for grinding machines. C. Herfurth and K. T. Schledorn. 2,167,948; Aug. 1.
Camera. T. M. Aiken. 2,168,893; Aug. 8.
Camera. R. S. Estey. 2,179,657; Nov. 14.
Camera. O. W. Githens and W. L. Lawson. 2,172,348; Sept. 12.
Camera. O. W. Githens, J. Norden, and E. G. Mannerberg. 2,164,061; June 27.
Camera. A. G. Hillman. 2,171,269; Aug. 29.
Camera. W. C. Huebner. 2,150,974; Mar. 21.
Camera. C. F. Jones. 2,166,440; July 18.
Camera. F. G. Kirby and A. E. Irving. 2,172,283; Sept. 5.
Camera. L. H. Moomaw. 2,182,133; Dec. 5.
Camera. K. Nuchterlein. 2,180,064; Nov. 14.
Camera. S. C. Platt. 2,143,385; Jan. 10.
Camera. L. O. E. Roessel. 2,150,106; Mar. 7.
Camera. J. F. Thompson. 2,170,583; Aug. 22.
Camera. R. Warren and T. S. Greisel. 2,150,853; Mar. 14.
Camera adjusting mechanism. J. Mihalyi. 2,161,372; June 6.
Camera and exposure meter, Combined. H. Riepert. 2,178,361; Oct. 31.
Camera and flash lamp, Combined. G. F. Boesser. 2,145,917; Feb. 7.
Camera and focusing means therefor. F. Graf. 2,173,553; Sept. 19.
Camera and method of photography. J. P. Burke. 2,148,011; Feb. 21.
Camera apparatus, Television. A. V. Bedford and K. J. Magnusson. 2,162,908; June 20.
Camera bed and attaching means therefor, Removable. J. S. Beggs. 2,172,237; Sept. 5.
Camera-bellows-forming machine. E. J. Hornung. 2,169,205; Aug. 8.
Camera blimp. W. Eglinton and H. G. Cunningham. 2,179,817; Nov. 14.
Camera built integral with an electric exposure meter, Photographic. O. Riszdorfer. 2,167,053; July 25.
Camera cable release. R. J. Reynolds. 2,184,815; Dec. 26.
Camera carrying case. W. Albert. 2,153,606; Apr. 11.
Camera, chiefly for cinematographs. J. Ionesco and G. L. V. J. Prouvot. 2,148,814; Feb. 28.
Camera, Cinematographic. L. Fränkel. 2,148,934; Feb. 28.
Camera construction, Folding. C. W. Crumrine. 2,165,346; July 11.
Camera copy and medium for use in preparing same. L. S. Sanders. 2,146,653; Feb. 7.
Camera, Copying. I. B. Current and W. Henrikson. 2,163,776; June 27.
Camera, Double. F. W. Jackman. 2,153,892; Apr. 11.
Camera, Double exposure prevention. J. Christie. 2,168,974; Aug. 8.
Camera, Electronic. R. J. Kautz. 2,156,813; May 2.
Camera exposure control apparatus. R. P. Newick. 2,149,743; Mar. 7.
Camera filter. L. J. G. Green. 2,182,585; Dec. 5.
Camera, Focusing. J. Mihalyi. 2,172,340; Sept. 5.
Camera, Focusing. A. Nagel. 2,143,792; Jan. 10.
Camera focusing attachment. P. C. Stetson. 2,150,703; Mar. 14.
Camera focusing device. S. Mendelsohn and L. Hartman. 2,156,433; May 2.
Camera for recording accidents, Automatic motion picture. P. Drakoff. 2,142,350; Jan. 3.
Camera latch. J. B. Nelson. 2,[illegible]3,081; Mar. 28.
Camera mechanism having correlated range and view finder. E. S. Hineline. 2,167,436; July 25.
Camera, Motion picture. L. Goldhammer. 2,183,068; Dec. 12.
Camera, Motion picture. J. de Heer. 2,172,438; Sept. 12.
Camera, Motion picture. T. W. Kirkman. 2,148,076; Feb. 21.
Camera, Motion picture. R. H. Manly. 2,178,145; Oct. 31.
Camera, Motion picture. G. A. del Valle. 2,169,229; Aug. 15.

Camera, Motion picture. O. W. Githens, G. Kende, and E. M. Porter. 2,174,155; Sept. 26.
Camera, Motion picture. P. Heinisch and K. Schencke. 2,149,217–8; Feb. 28.
Camera, Motion picture. P. Heinisch and K. Schencke. 2,166,147; July 18.
Camera mount, Aerial. C. S. Robinson. 2,169,432; Aug. 15.
Camera, Moving picture. M. A. Dalotel. 2,171,472; Aug. 29.
Camera, Multiple reflector stereoscopic. G. L. Hills. 2,147,489; Feb. 14.
Camera periscope. R. M. Schofield. 2,165,512; July 11.
Camera, Photographic. H. Frötschner. 2,169,688; Aug. 15.
Camera, Photographic. L. Goldhammer. 2,177,770; Oct. 31.
Camera, Photographic. P. Heinisch. 2,166,148; July 18.
Camera, Photographic. A. S. Howell. 2,165,706; July 11.
Camera, Photographic. J. N. Kelley. 2,169,422; Aug. 15.
Camera, Photographic. L. Leitz. 2,157,547; May 9.
Camera, Photographic. J. Mihalyi. 2,165,402; July 11.
Camera, Photographic. J. Mihalyi. 2,172,339; Sept. 5.
Camera, Photographic. J. Mihalyi. 2,184,017; Dec. 19.
Camera, Photographic. H. Nerwin. 2,176,679; Oct. 17.
Camera, Photographic. K. Pritschow. 2,153,813; Apr. 11.
Camera, Photographic. C. Rauch. 2,148,963; Feb. 28.
Camera, Photographic. C. Wachtler. 2,150,642; Mar. 14.
Camera, Photographic. H. Bartels and O. Müller. 2,170,959; Aug. 29.
Camera, Photographic. L. Leitz and W. Albert. 2,178,344; Oct. 31.
Camera plate holder. O. J. Schwartz. 2,153,995; Apr. 11.
Camera, Portable photographing and developing. M. W. Albano. 2,176,000; Oct. 10.
Camera, Reflex. A. D. Johnson. 2,155,471; July 18.
Camera, Reflex. K. Nuchterlein. 2,165,903; July 11.
Camera, Roll film. L. Goldhammer. 2,153,665; Apr. 11.
Camera, Roll film. H. Küppenbender. 2,168,263; Aug. 1.
Camera, Roll film. W. Zapp. 2,169,548; Aug. 15.
Camera, Roll film. H. Becker and O. Sanger. 2,184,331; Dec. 26.
Camera shutter. E. G. Burkhardt. 2,172,238; Sept. 5.
Camera shutter device, Automatic. N. V. Fedotoff. 2,179,718; Nov. 14.
Camera shutter setting and film winding mechanism. J. Mihalyi. 2,169,001; Aug. 8.
Camera shutter tester. J. D. Kelley. 2,168,994; Aug. 8.
Camera, Small-film cine. C. A. Tschörtner. 2,159,574; May 23.
Camera structure, particularly for color separation. E. S. Hineline. 2,145,793; Jan. 31.
Camera, Subterranean. W. J. Opocensky. 2,161,380; June 6.
Camera, Two part roll holding. J. Mihalyi. 2,172,337; Sept. 5.
Camera winding device. J. Mihalyi. 2,150,693; Mar. 14.
Camera with automatic exposure adjustment, Photographic. K. Dziewior. 2,150,365; Mar. 14.
Camera with electric exposure meter built in, Photographic film. Ö. Riszdorfer. 2,169,927; Aug. 15.
Camera with exposure meter. L. Goldhammer. 2,183,768; Dec. 19.
Camera with exposure meter, Photographic. A. O. Couyoumdjian. 2,154,324; Apr. 11.
Camera with range finder. C. Ort. 2,180,017; Nov. 14.
Cameras, Attachment for. J. W. McFarlane. 2,184,015; Dec. 19.
Cameras, Focusing mechanism for. A. Nagel. 2,165,409; July 11.
Cameras, Height equalizing arrangement for photographic. A. Nagel. 2,180,016; Nov. 14.
Cameras, Range finder attachment for. M. Schwartz. 2,163,159; June 20.
Cameras, Roll-film. H. Küppenbender. 2,147,259; Feb. 14.
Cameras, View finder for. J. K. Polhemus. 2,154,958; Apr. 18.
Camphor and product thereof, Extrusion of. I. Gubelmann and W. S. Calcott. 2,146,734; Feb. 14.
Camphor, Producing transparent blocks of. F. W. Wanderer. 2,146,781; Feb. 14.
Can: *See*—
Beer can.
Easy opening can.
Garbage can.
Milk can.
Paper can.
Safety can.
Sink and garbage can.
Can. J. L. Gray. 2,154,741; Apr. 18.
Can. W. M. Vogel. 2,170,436; Aug. 22.
Can aligning device, Tall. M. Quamma. 2,159,050; May 23.
Can aligning means. M. Quamma. 2,159,049; May 23.
Can and cover assembling machine. L. J. Williams. 2,172,966; Sept. 12.
Can and dish combination. S. B. Dechant. 2,148,537; Feb. 28.
Can and insertible pouring spout. J. Livoti. 2,171,094; Aug. 29.
Can and making same. J. F. Anderson. 2,167,737; Aug. 1.
Can assembly. J. A. Edwards. 2,166,465; July 18.
Can blank and producing same. W. F. Grupe. 2,174,071; Sept. 26.
Can body, Fiber. A. G. Hatch. 2,159,948; May 23.
Can body, Paper. A. G. Hatch. 2,155,487; Apr. 25.
Can-body maker. M. E. Widell. 2,169,311; Aug. 15.
Can body making machine. W. E. Burns. 2,142,235; Jan. 3.
Can body, Sheet metal. H. A. Fink. 2,185,057; Dec. 26.
Can body, Sheet metal. W. F. Punte. 2,177,028–9; Oct. 24.
Can body side seams, Apparatus for internally striping. A. L. Kronquest. 2,181,332; Nov. 28.
Can bodies, Apparatus for coating. A. L. Kronquest. 2,169,805; Aug. 15.
Can bodies, Apparatus for forming. F. L. Darling. 2,175,746; Oct. 10.
Can bodies, Coating. E. C. Pfeffer, Jr. 2,169,816; Aug. 15.
Can bodies, Making. J. Brenzinger. 2,183,738; Dec. 19.
Can bodies, Manufacturing. B. W. Gonser. 2,177,104; Oct. 24.
Can cleaning device. C. F. Dahlberg and J. J. Munson. 2,169,522; Aug. 15.
Can-closing machine. J. M. Hothersall and A. E. Almgren. 2,170,821; Aug. 29.
Can closing machine. J. H. Murch. 2,144,634; Jan. 24.
Can closing machine, Vacuum. W. Diezel. 2,177,208; Oct. 24.
Can closure. F. J. O'Brien. 2,154,349; Apr. 11.
Can-coating machine. F. Eberhart. 2,166,945; July 25.
Can construction. E. O. Munk. 2,166,783; July 18.
Can construction, Milk. T. Kestenbaum. 2,170,720; Aug. 22.
Can cooling and drying machine. J. M. Hothersall and G. C. Reid. 2,157,131; May 9.
Can end lining machine. M. L. Heald and H. L. Bryant. 2,145,873; Feb. 7.
Can ends, Coating sheet metal. A. L. Kronquest. 2,185,088; Dec. 26.
Can ends or the like, Supporting and feeding. S. Wicklund. 2,183,029; Dec. 19.
Can feed. F. D. Chapman. 2,175,255; Oct. 10.
Can feeding means, Centrifugal. E. P. La Bounty. Re. 20,188; Aug. 29.
Can filling machine. C. H. Ayars. 2,158,767–9; May 16.
Can filling machine. C. H. Ayars. 2,176,448–9; Oct. 17.
Can-filling machine. E. H. L. Johannes. 2,166,528; July 18.
Can filling machine. H. Mondloch. 2,156,951; May 2.
Can for rice and similar edible substances. T. Domoto. 2,181,511; Nov. 28.
Can forming machine. M. E. Moore. 2,145,125; Jan. 24.
Can handling apparatus. A. R. Thompson. 2,152,107; Mar. 28.
Can handling apparatus. A. R. Thompson. 2,160,237; May 30.
Can handling tool. V. L. Stathem. 2,165,159; July 4.
Can heads, Apparatus for delivering. L. E. Davies. 2,173,602; Sept. 19.
Can holder and contents dispenser. E. Karzenski. 2,159,897; May 23.
Can holding and liquid dispensing device. J. Mirati. 2,160,976; June 6.
Can holding and protecting mechanism. J. C. Holloway. 2,160,865; June 6.
Can, Ice. M. J. Uline. Re. 21,249; Oct. 24.
Can opening forming and pouring attachment, Milk. R. L. Sinclair. 2,144,817; Jan. 24.
Can or container, Preserving. H. Karl. 2,160,072; May 30.
Can or container, Preserving. H. Karl. 2,182,872; Dec. 12.
Can piercing and serving device. C. E. McManus and F. L. Darling. 2,160,705; May 30.
Can pouring device. E. J. Willis. 2,179,772; Nov. 14.
Can seam and making same, Soldered. A. G. Hopkins. 2,170,638; Aug. 22.
Can treating machine and feed control therefor. R. E. J. Nordquist. 2,172,402; Sept. 12.
Can turner. E. Laxo. 2,162,457; June 13.
Can-turning apparatus. W. E. Conley, Jr. 2,169,833; Aug. 15.
Can washer. H. Mondloch. 2,184,100; Dec. 19.
Can washing apparatus. F. W. Coffing. 2,161,613; June 6.
Can with attached opener, Sealed. G. W. Darlington. 2,162,801; June 20.
Can with spout protector. G. A. Leighton. 2,163,952; June 27.
Canned foods, Apparatus for processing. A. R. Kennedy. 2,144,334; Jan. 17.
Canned goods, Apparatus for cooking and cooling. T. M. Jones. 2,176,818; Oct. 17.
Cans, Apparatus for filling. W. J. Mundy. 2,149,461; Mar. 7.
Cans for defects, Device for testing. J. F. Egenolf. 2,177,019; Oct. 24.
Canal, Fulling. T. Frusher, Jr. 2,150,679; Mar. 14.
Candle, Artificial. N. L. Howard. 2,154,618; Apr. 18.
Candle burning device. J. M. Powers. 2,146,441; Feb. 7.
Candle, Colored flame. W. M. Fredericks. 2,184,666; Dec. 26.
Candle extinguisher. P. D. Cormier. 2,158,744; May 16.
Candlestick, Adjustable. E. Ager-Wick. 2,163,137; June 20.

Candles, Producing. H. H. Repogle and W. Wade. 2,143,576; Jan. 10.
Candy bar. R. W. Robinson and A. Olsen, Jr. 2,175,214; Oct. 10.
Candy brushing machine. O. E. Segrin. 2,183,033; Dec. 12.
Candy coating feeding machine. J. B. Dilger and C. Allegri. Re. 21,015; Feb. 28.
Candy creams, Making. J. K. Farley, Jr. 2,146,178; Feb. 7.
Candy cutting machine. G. P. Economakis. 2,151,377; Mar. 21.
Candy stick machine and making. B. A. Sennett, Sr. 2,168,963; Aug. 8.
Cane cleaning device. C. F. Dahlberg and J. J. Munson. 2,147,333; Feb. 14.
Cane, Illuminated. G. Dyer. 2,173,624; Sept. 19.
Cane, Illuminated. G. A. Smith. 2,144,858; Jan. 24.
Cane, Novelty walking. L. H. Amdur. 2,146,495; Feb. 7.
Cane stripper. J. D. Chambless. 2,149,935; Mar. 7.
Cane stripper. J. R. English. 2,182,117; Dec. 5.
Cane. R. H. Savage. 2,183,975; Dec. 19.
Canister container. J. W. Gardner. 2,180,806; Nov. 21.
Canister, Gas mask. A. M. Prentiss. 2,174,528; Oct. 3.
Canopy construction. C. H. Specht. 2,178,975; Nov. 7.
Canteen, cooking, and mess kit, Combined. W. H. N. Stevens. 2,180,561; Nov. 21.
Cantilever winding reel. F. J. Samerdyke. 2,167,681; Aug. 1.
Canvas-stretcher and picture frame, Combined. J. Tepper. 2,149,985; Mar. 7.
Cap: *See*—
Automatic flow cap.
Battery cap.
Blasting cap.
Bottle cap.
Bottle-sealing cap.
Chimney cap.
Closure cap.
Dispensing cap.
Electric blasting cap.
Entrance cap.
Fill cap.
Glass applicator cap.
Hairdressing cap.
Hub cap.
Paste tube cap.
Plug cap.
Radiator cap.
Radiator pressure cap.
Sealing and dispensing cap.
Tank filler spout cap.
Two-part cap.
Well cap.
Cap. A. Goldstein. 2,143,265; Jan. 10.
Cap. F. J. Goskey. 2,179,719; Nov. 14.
Cap. E. W. Holmes. 2,153,146; Apr. 4.
Cap. J. Pasternak. 2,160,513; May 30.
Cap. A. N. Spanel. 2,147,504; Feb. 14.
Cap. F. J. Wengen. 2,159,609; May 23.
Cap and dauber, Combination metal. H. and M. Rabinowitz. 2,160,517; May 30.
Cap and dauber, Double shell. L. T. Crabbe. 2,182,046; Dec. 5.
Cap and hanger for flashlights, End. D. W. Tyrrell, W. J. Officer, and B. A. Seaver. 2,147,471; Feb. 14.
Cap and making same, Composite closure. J. Kronman. 2,173,449; Sept. 19.
Cap and making same, Dispenser. A. W. Bull, C. M. Sloman, and C. M. Grafton. 2,175,052; Oct. 3.
Cap and method of making, Closure. J. C. Gibbs. 2,168,565; Aug. 8.
Cap and package. J. R. Fleisch and J. Kosar. 2,153,427; Apr. 4.
Cap and package, Closure. W. P. White. 2,172,825; Sept. 12.
Cap assembly, Radiator. A. L. Swank. 2,171,168; Aug. 29.
Cap closure. F. H. Gleason. 2,144,584; Jan. 17.
Cap feeding device. W. J. Mundy. 2,176,659; Oct. 17.
Cap for automobile tanks, Gas. W. M. McNeely. 2,169,656; Aug. 15.
Cap for bicycle dynamos, Nonskid. W. Sander. 2,151,566; Mar. 21.
Cap for car trucks, Spring. E. W. Webb. 2,175,331; Oct. 10.
Cap for collapsible tubes. G. W. Temple. 2,144,902; Jan. 24.
Cap for collapsible tubes, Attachable closure. D. E. Staley. 2,145,560; Jan. 31.
Cap for collapsible tubes, Closing. F. F. Marschalk. 2,179,452; Nov. 7.
Cap for collapsible tubes, Dispensing. J. Fisher. 2,143,263; Jan. 10.
Cap for collapsible tubes, Self-closing. G. Douglas. 2,170,588; Aug. 22.
Cap for fill pipes. H. P. Wilking. 2,169,312; Aug. 15.
Cap for lifting jacks, Swivel. F. L. Gormley. 2,165,366; July 11.
Cap for insulated cables, Cushion. H. V. Wodtke. 2,145,705; Jan. 31.
Cap for journal boxes, Dust guard. G. W. Ditmore. 2,148,367; Feb. 21.
Cap for paste tubes, Closure. H. H. Kelner. 2,183,456; Dec. 12.
Cap for receptacles, Closure. H. Lewin. 2,177,899; Oct. 31.
Cap for receptacles, Measuring and dispensing. E. Hahn. 2,171,651; Sept. 5.
Cap for thresher blowers. J. Ruskamp. 2,171,952; Sept. 5.
Cap for tie valves, Dust. L. C. Broecker. 2,178,828; Nov. 7.
Cap for toe dancing shoes, Toe. C. Schroeder. 2,165,581; July 11.
Cap for tubes, containers, or the like. W. Lückel. 2,173,797; Sept. 19.
Cap lock. G. Croston and J. H. Fluallen. 2,148,338; Feb. 21.
Cap, Making a bottle sealing. H. F. Kniesche. 2,180,243; Nov. 14.
Cap operator, Gasoline tank. J. P. Vidmar. 2,151,249; Mar. 21.
Cap or closure, Bottle. W. B. Smith. 2,162,182; June 13.
Cap or closure, Container. C. Hammer. 2,175,350; Oct. 10.
Cap or closure, Jar. M. E. Kleinert. 2,153,807; Apr. 11.
Cap or the like, Bottle. C. C. Webb. 2,171,015; Aug. 29.
Cap plates for fractionating columns, Making boiling. J. L. Allen. 2,142,598; Jan. 3.
Cap, Receptacle discharge. H. W. Rueger. 2,143,578; Jan. 10.
Cap remover. L. Sheldon. 2,166,972; July 25.
Cap remover. Coin controlled. I. H. Fitzpatrick. 2,179,883; Nov. 14.
Cap retainer. J. Hocke. 2,155,759; Apr. 25.
Cap retainer. R. P. Rexroth. 2,182,855; Dec. 12.
Cap retainer means for tubes or containers. C. M. Dahl. 2,147,246; Feb. 14.
Cap strip for aircraft, Fabric attaching. C. de Ganahl. 2,161,802; June 13.
Cap structure for percolator covers, Glass. A. B. Gardella. 2,165,630; July 11.
Cap-tightening mechanism for collapsible tubes. G. W. Temple. 2,166,382; July 18.
Caps, Apparatus for feeding and applying closure. L. E. Davies. 2,169,973; Aug. 15.
Caps, Apparatus for testing the strength of molded bottle. G. G. Galpin and C. F. Schmidt. 2,152,541; Mar. 28.
Caps, Assembling rectpacle closure. J. A. Johnson. 2,168,409; Aug. 8.
Caps, Making over-all bottle. C. A. MacCordy. 2,166,501; July 18.
Caps, Manufacture of rubber. P. A. Raiche. 2,164,885; July 4.
Caps, Method and apparatus for lining crown. P. E. Pearson. 2,171,258; Aug. 29.
Caps, Securing means for tank. F. Macagno. 2,146,968; Feb. 14.
Caps to bottles, Method and apparatus for applying. J. R. Gammeter. 2,173,803; Sept. 19.
Caps to bottles, Method and apparatus for applying hood. E. T. Ferngren. 2,182,472; Dec. 5.
Caps to bottles, Method of and apparatus for sealing hood. E. T. Ferngren. 2,145,975; Feb. 7.
Capacitance device. F. M. Clark. 2,145,710; Jan. 31.
Capacitance network, Equivalent. H. F. Mayer. 2,144,541; Jan. 17.
Capacitor. G. L. Grundmann. 2,159,793; May 23.
Capacitor and compositions therefor, Electric. F. M. Clark. 2,165,091; July 4.
Capacitor circuit. J. D. Stacy. 2,166,827; July 18.
Capacitor composition. F. M. Clark. 2,168,156; Aug. 1.
Capacitor, Electric. F. M. Clark. 2,152,465; Mar. 28.
Capacitor, Electric. W. J. Thacker. 2,159,826; May 23.
Capacitor, Fixed. L. E. Anderson and A. T. Harding. 2,166,205; July 18.
Capacitor protection, Series. R. E. Marbury and W. H. Cuttino. 2,144,503; Jan. 17.
Capacitor protective system, Series. R. E. Marbury 2,162,488; June 13.
Capacity control for ignition systems. J. T. Fitzsimmons. 2,157,599; May 9.
Capelines, and the product thereof, Production of wool felt. J. G. and J. R. Jones. 2,145,835; Jan. 31.
Capping head for bottle capping machines. A. J. Marek. 2,180,812; Nov. 21.
Capping machine. J. E. Jonsson. 2,177,141; Oct. 24.
Capping machine, Bottle. G. E. West. 2,168,109; Aug. 1.
Capping machine, Continuous. G. R. Stuart. 2,143,806; Jan. 10.
Capping mechanism for bottles and the like. L. Burrell and R. K. Miner. 2,142,302; Jan. 3.
Capsule, Bottle. W. E. Glensky. 2,151,508; Mar. 21.
Capsules by submerged filling action, Method and apparatus for making. R. P. Scherer. 2,152,101; Mar. 28.
Capsules for cosmetic purposes, Making water-soluble. K. W. Schmidt. 2,170,253; Aug. 22.
Capsules, Method and apparatus for forming soft elastic. C. E. Riel. 2,172,546; Sept. 12.
Car: *See*—
Articulated car.
Drop bottom car.
Dump car.
Freight car.
Juvenile car.
Load discharging car.
Metal car.
Mine car.
Motor car.
Open top car.
Ore car.
Railway car.
Railway hopper car.
Refrigerator car.
Shockproof container car.
Sleeping car.
Stock car.
Car and the like, Refrigerator. W. F. Kiesel, Jr. Re. 21,147; July 11.
Car body bolster. O. C. Duryea. 2,184,337; Dec. 26.
Car body, Closed top. O. C. Duryea. 2,156,778; May 2.
Car body for automobiles. F. E. Maier. 2,148,950; Feb. 28.
Car compartment illuminating and ventilating means. H. Dreyfuss. 2,153,242; Apr. 4.
Car construction. F. Ditchfield. 2,183,307; Dec. 12.

Car construction. O. C. Duryea. 2,161,914–5; June 13.
Car construction. W. M. Dwyer. 2,155,533; Apr. 25.
Car construction. D. Hindahl. 2,152,885; Apr. 4.
Car construction. D. Hindahl. 2,167,362; July 25.
Car construction. C. W. Miller. 2,142,249; Jan. 3.
Car construction. N. S. Reeder. 2,154,137; Apr. 11.
Car construction. A. C. Schmohl. 2,154,139–40; Apr. 11.
Car construction. J. B. D. Thompson. 2,154,645; Apr. 18.
Car construction, Condensation proof. W. D. Thompson. 2,152,617; Mar. 28.
Car construction, Dining. J. W. Patton. 2,183,225; Dec. 12.
Car construction, Light weight. J. B. D. Thompson and S. Udstad. 2,145,064; Jan. 24.
Car construction, Railroad. K. F. Nystrom. 2,150,897; Mar. 21.
Car construction, Railway. G. G. Gilpin. 2,181,583; Nov. 28.
Car construction, Refrigerator. C. S. Johnston. 2,176,425; Oct. 17.
Car construction, Refrigerator. J. S. Lundvall. 2,174,988; Oct. 3.
Car construction, Refrigerator. K. E. Zeidler. 2,172,686; Sept. 12.
Car controlling means, Motor. M. Caserta. 2,175,179; Oct. 10.
Car coupler operating rod. V. E. Sisson. 2,155,333; Apr. 18.
Car coupler yokes, Making. J. B. Tegarty. 2,149,640; Mar. 7.
Car coupling. J. Gumkowski. 2,153,305; Apr. 4.
Car coupling apparatus. A. J. Bazeley. 2,178,062; Oct. 31.
Car coupling. L. Olcsvary. 2,171,343; Aug. 29.
Car coupling tool. R. R. Yanits. 2,167,599; July 25.
Car door. J. F. Lonergan. 2,143,226; Jan. 10.
Car door. K. J. Tobin. 2,177,338; Oct. 24.
Car door lock. A. H. Hartwig. 2,148,158; Feb. 21.
Car door, Refrigerator. W. M. Dwyer. 2,160,844; June 6.
Car dump, Rolling. E. Ramsay. 2,179,100; Nov. 7.
Car end structure, Railway. F. J. Jumper and G. G. Gilpin. 2,185,168; Dec. 26.
Car floor construction. D. H. Bell. 2,165,691; July 11.
Car floor rack, Refrigerator. V. E. Sisson. 2,162,361; June 13.
Car floor rack, Refrigerator. K. E. Zeidler. 2,168,595; Aug. 8.
Car floor, Refrigerator. G. G. Gilpin. 2,162,078; June 13.
Car floor, Refrigerator. J. S. Lundvall. 2,142,320; Jan. 3.
Car heater, Steam. R. F. Mullen. 2,171,944; Sept. 5.
Car loading apparatus, Freight. G. M. Reifer, P. S. Procissi and O. Lundene. 2,155,872; Apr. 25.
Car loading apparatus, Freight. G. M. Reifer and G. D. Shanahan. 2,165,652; July 11.
Car loading device. B. Colman. 2,159,320; May 23.
Car loading device. S. M. Nampa. 2,160,079; May 30.
Car loading device. S. M. Nampa. 2,164,661–2; July 4.
Car reinforcing construction. J. F. Comee and S. J. Stone. 2,144,450; Jan. 17.
Car replacer. W. B. Boone. 2,183,181; Dec. 12.
Car roof. W. E. Bikle. 2,153,070; Apr. 4.
Car roof. W. D. Thompson and D. W. Hawksworth. 2,173,402; Sept. 19.
Car scotch, Mine. C. H. Mead. 2,164,999; July 4.
Car-seat base, Reversing. W. Staveley. 2,174,953; Oct. 3.
Car step, Retractable. B. C. Baade. 2,146,668; Feb. 7.
Car structure, Rail. A. G. Dean. 2,143,547; Jan. 10.
Car supporting construction. E. J. Sattler. 2,184,021; Dec. 19.
Car sway control mechanism, Railway. C. E. Perkins. 2,153,389; Apr. 4.
Car truck. O. C. Duryea. 2,159,138; May 23.
Car truck. J. J. Lazna. 2,176,909; Oct. 24.
Car truck. W. H. Mussey. 2,181,908; Dec. 5.
Car truck. J. A. Shafer. 2,153,647–9; Apr. 11.
Car truck. J. A. Shafer. 2,154,919; Apr. 18.
Car truck frame. M. P. Blomberg and W. H. Mussey. 2,150,870; Mar. 14.
Car truck side frame. C. R. Busch. 2,170,118–9; Aug. 22.
Car truck side frame. C. R. Busch. 2,170,123; Aug. 22.
Car truck side frame. C. W. Howat. 2,162,307; June 13.
Car underframe. R. B. Cottrell and J. E. Flesch. 2,180,799; Nov. 21.
Car underframe, Railway. A. Campbell. 2,150,417; Mar. 14.
Car underframe, Railway. G. B. Dorey. 2,178,034; Oct. 31.
Car underframe structure. J. E. Tesseyman and L. G. Miller. 2,183,054; Dec. 12.
Car ventilation, Closed. R. F. Dalton. 2,152,538; Mar. 28.
Car wheel, Nonresonant. B. H. Eaton. 2,168,900; Aug. 8.
Cars with boxed produce, Loading. H. C. Pierce. 2,177,076; Oct. 24.
Carbamyl dithio-carbamates. I. Williams. 2,171,420; Aug. 29.
Carbazole derivatives. W. Mieg and W. Burneleit. 2,154,176; Apr. 11.
Carbinols, Preparation of acetylenic. T. H. Vaughn. 2,175,581; Oct. 10.
Carbon and copy sheet assembly, Hectograph. R. V. Bowman. 2,181,363; Nov. 28.
Carbon, Apparatus for the manufacture of decolorizing. W. E. McFarland, Jr. 2,148,827; Feb. 28.
Carbon black. W. H. Grote. Re. 21,302; Dec. 19.
Carbon black. W. B. Wiegand. 2,178,382–3; Oct. 31.
Carbon black and carbon monoxide-hydrogen gas mixture, Producing. F. C. Reed. 2,173,695; Sept. 19.
Carbon black and treating same. H. W. Price. 2,164,164; June 27.
Carbon black, Apparatus for producing. V. F. Hanson. 2,181,759; Nov. 28.
Carbon black, Manufacture of. G. F. Friauf and F. M. Perry. 2,143,770; Jan. 10.
Carbon black, Manufacture of. G. L. Heller and C. W. Snow. 2,144,971; Jan. 24.
Carbon black, manufacture of. H. H. Offutt. 2,167,674; Aug. 1.
Carbon black, Producing. J. J. Jakosky and V. F. Hanson. 2,148,355–6; Feb. 21.
Carbon black, Producing. F. C. Reed. 2,163,630; June 27.
Carbon black, Producing high quality. L. von Szeszich. 2,150,790; Mar. 14.
Carbon black which has been formed on iron-containing contacts, Purifying. H. H. Franck and D. Wilm. 2,149,671; Mar. 7.
Carbon contacts for a motion picture machine high intensity lamp. F. A. De Nol. 2,182,489; Dec. 5.
Carbon dioxide and the like, Apparatus for solidifying and pressing. A. Schutz. 2,145,096; Jan. 24.
Carbon dioxide and the recovery of nitrogen, Production of solidified. F. A. Schmidt. 2,143,283; Jan. 10.
Carbon dioxide converter. R. E. McIlrath. 2,166,637; July 18.
Carbon dioxide converter. R. E. McIlrath. 2,181,195; Nov. 28.
Carbon dioxide from gaseous hydrocarbons, Recovery of. L. Rosenstein. 2,182,305; Dec. 5.
Carbon dioxide, Method and apparatus for producing, transporting, storing, and/or handling liquid. E. Geertz and J. E. Taylor. 2,180,231; Nov. 14.
Carbon dioxide, Preparation of pure. C. Hart. 2,143,773; Jan. 10.
Carbon dioxide, Producing. R. H. McKee and J. W. Martin. 2,178,968; Nov. 7.
Carbon dioxide, Recovery of. G. T. Reich. 2,142,917; Jan. 3.
Carbon dioxide, Recovery of. G. T. Reich. 2,183,324; Dec. 12.
Carbon dioxide, System for charging. H. B. Rudd. 2,157,019; May 2.
Carbon disulphide from coke-oven light oil, Removing. B. D. Sontag. 2,165,732; July 11.
Carbon electrode and preparing the same, Molded. B. R. Reuscher and J. M. Bennett. 2,148,133; Feb. 21.
Carbon formation in metal reaction vessels, Inhibiting. H. P. A. Groll. 2,168,840; Aug. 8.
Carbon into light metals or light metal alloys, Introduction of graphitic. H. Borofski. 2,170,259; Aug. 22.
Carbon lamp. H. T. Schiff. 2,150,990; Mar. 21.
Carbon, Making activated. V. A. McCullough. 2,146,024; Feb. 7.
Carbon, Making sorptive. V. C. Hamister. 2,180,735; Nov. 21.
Carbon moving and controlling device. S. Nickelsburg. 2,165,183; July 4.
Carbon or carbonaceous compounds, Treating. E. Slatineanu. 2,151,165; Mar. 21.
Carbon pack. W. F. Simonson. 2,153,210; Apr. 4.
Carbon, Process and apparatus for preparing activated. R. H. Twining. 2,166,225; July 18.
Carbon production, Active. K. B. Stuart. 2,162,763; June 20.
Carbon remover. E. Lieber and W. H. Smyers. 2,149,894; Mar. 7.
Carbon sheet and attachment, Typewriter. E. W. M. Thomson. 2,142,576; Jan. 3.
Carbon shifter, Motorized. J. Q. Sherman, A. W. Metzner, and A. A. Gopperton. 2,166,973; July 25.
Carbon sulphoselenides, Preparation of. W. Scott. 2,175,816; Oct. 10.
Carbon tetrachloride, Manufacture of. B. Hennig. 2,160,574; May 30.
Carbonaceous material in flotation, Depression of. R. B. Booth. 2,145,206; Jan. 24.
Carbonaceous materials, Active. P. Smit. 2,171,408; Aug. 29.
Carbonaceous materials and apparatus therefor, Distillation of solid. R. D. Hardy, C. Machen, and E. H. G. Aram. 2,151,849; Mar. 28.
Carbonaceous substances containing sulphur, Method and plant for the hydrogenation of. P. Marécaux. 2,159,281; May 23.
Carbonating and bottle filling machine, Combination. W. E. Bostelmann. 2,163,267; June 20.
Carbonating device. F. H. Tweed. 2,172,420; Sept. 12.
Carbonator. R. S. Fetterly. 2,149,670; Mar. 7.
Carbonyl compounds of the cyclopentanopolyhydrophenanthrene series, Manufacture of. K. Miescher, H. Kaegi, and P. Plattner. 2,180,762; Nov. 21.
Carbonyl compounds, Reducing cycle. E. Clar. 2,172,020; Sept. 5.

Carbonyl compounds, Separation and purification of. K. Miescher and W. Fischer. 2,172,590; Sept. 12.
Carbonylic compounds, Producing unsaturated. S. H. McAllister and E. F. Bullard. 2,174,830; Oct. 3.
Carboxylates and making same, Phenyl mercuric aliphatic hydroxy. R. P. Perkins. 2,157,009; May 2.
Carbides, Production of hard. O. Meyer. 2,158,520; May 16.
Carbureting apparatus. R. F. Ensign. 2,169,487; Aug. 15.
Carbureting in internal combustion engines. E. L. Müller. 2,149,460; Mar. 7.
Carburetion apparatus for internal combustion engines. G. L. Holzapfel. 2,143,194; Jan. 10.
Carburetor. F. O. and T. M. Ball. 2,182,393; Dec. 5.
Carburetor. R. F. Bracke. 2,152,950–1; Apr. 4.
Carburetor. R. F. Bracke. 2,155,638; Apr. 25.
Carburetor. R. F. Bracke. 2,162,056; June 13.
Carburetor. R. F. Bracke. 2,167,497; July 25.
Carburetor. R. F. Bracke. 2,182,580; Dec. 5.
Carburetor. J. I. Brandon. 2,163,139; June 20.
Carburetor. J. Cameron. 2,154,033; Apr. 11.
Carburetor. A. Curioni and A. Velo. 2,145,863; Feb. 7.
Carburetor. F. L. Darling. 2,174,935; Oct. 3.
Carburetor. A. A. Dicke. 2,149,116; Feb. 28.
Carburetor. A. J. Farineau. 2,150,764; Mar. 14.
Carburetor. D. Firth. 2,155,162; Apr. 18.
Carburetor. P. X. A. Gistucci. 2,144,017; Jan. 17.
Carburetor. P. X. A. Gistucci and J. Lichtenstein. 2,156,115; Apr. 25.
Carburetor. P. X. A. Gistucci and J. Lichtenstein. 2,160,067; May 30.
Carburetor. O. Henning. 2,144,153; Jan. 17.
Carburetor. A. R. J. Hilson and F. F. Söhner. 2,172,537; Sept. 12.
Carburetor. J. Lichtenstein. 2,173,281; Sept. 19.
Carburetor. D. J. MacPherson. 2,145,312; Jan. 31.
Carburetor. M. Mallory. 2,182,090; Dec. 5.
Carburetor. A. M. Malouf. 2,155,560; Apr. 25.
Carburetor. L. H. Messinger, Jr. 2,145,730; Jan. 31.
Carburetor. J. T. W. Moseley. 2,145,029; Jan. 24.
Carburator. H. G. Renner. 2,158,777; May 16.
Carburetor. E. Schimanek. 2,159,294; May 23.
Carburetor. W. Schwier. 2,163,499; June 20.
Carburetor. E. H. Shaff. 2,156,128; Apr. 25.
Carburetor. S. C. Smith. 2,156,129; Apr. 25.
Carburetor. M. C. P. Thieulin. 2,156,132; Apr. 25.
Carburetor. S. M. Udale. 2,145,672; Jan. 31.
Carburetor. O. P. Williams. 2,178,677; Nov. 7.
Carburetor. A. H. Winkler. 2,163,904; June 27.
Carburetor air intake system. J. F. Priess. 2,158,380; May 16.
Carburetor and fume eliminator innerlock for internal combustion engines, Combined. E. G. Parvin. 2,171,291; Aug. 29.
Carburetor and priming device. W. B. Goodman and J. M. Miller. 2,148,265; Feb. 21.
Carburetor device. A. H. Blattner. 2,160,410; May 30.
Carburetor device. E. H. Nieman. 2,180,765; Nov. 21.
Carburetor controlling device. R. G. Handy. 2,163,997; June 27.
Carburetor float valve. A. J. Scaife. 2,168,718; Aug. 8.
Carburetor for internal combustion engines. O. Henning. 2,156,390; May 2.
Carburetor for internal combustion engines. M. Mennesson. 2,159,173; May 23.
Carburetor for internal combustion engines. I. Schorsch. 2,150,081; Mar. 7.
Carburetor for internal combustion engines. R. L. Spencer. 2,150,296; Mar. 14.
Carburetor, Gas. R. F. Ensign. 2,155,754; Apr. 25.
Carburetor, Liquid and gaseous fuel. F. N. Laub. 2,155,763; Apr. 25.
Carburetor mechanism. R. G. Berry. 2,183,636; Dec. 19.
Carburetor, Pressure feed. J. Hewitson. 2,178,040; Oct. 31.
Carburetor, Pressure metering. K. A. Browne. 2,165,447; July 11.
Carburetor structure. A. H. Blattner. 2,166,899; July 18.
Carburetor structure. A. H. Blattner and F. A. Kommer. 2,160,411; May 30.
Carburetor structure. L. J. Ericsson. 2,142,503; Jan. 3.
Carburetor structure. G. R. Ericson. 2,167,975; Aug. 1.
Carburetor, Thermostatic choke-controlled. S. F. Hunt. 2,143,153; Jan. 10.
Carburetor throttle control. I. E. Coffey. 2,148,729; Feb. 28.
Carburetors, Hydraulic control for. G. W. Gallihugh. 2,165,628; July 11.
Carburizer. H. Rodman. 2,149,747; Mar. 7.
Carburizing. J. W. Harsch. 2,161,162; June 6.
Carburizing box. H. H. Harris. 2,182,201; Dec. 5.
Carburizing box. W. G. Hoffman. 2,144,374; Jan. 17.
Carcass tongue protector. N. J. Dziedzic. 2,168,702; Aug. 8.
Carcass tongue protector. A. S. Hartanov. 2,168,708; Aug. 8.
Carcass tongue protector. C. L. Lohner. 2,155,725; Apr. 25.
Carcass treatment. L. L. Cadwell. 2,158,106; May 16. 2,158,505; May 16.
Carcasses, Dearing of sheep. H. H. Hazekamp. 2,175,352; Oct. 10.
Carcasses, Marking. B. E. Williams and A. S. Hartanov. 2,155,746; Apr. 25.
Card and holder, Display. E. C. Berg. 2,159,838; May 23.
Card and key carrier. J. H. Roemig. 2,177,786; Oct. 31.
Card and mounting therefor, Reference. E. H. Smythe. 2,184,853; Dec. 26.
Cardboard, Advertising laundry. H. Llach and P. R. Avalo. 2,151,478; Mar. 21.
Cardboard box. J. Callmander. 2,178,162; Oct. 31.
Cardboard box cuttings, Production of. A. Ponndorf and W. Fuhrmann. 2,172,988; Sept. 12.
Cardboard box, One-piece folding. M. E. Seifer. 2,154,218; Apr. 11.
Card case. J. Brunetti. 2,152,174; Mar. 28.
Card, Display. H. M. Owens. 2,166,766; July 18.
Card, Display. C. Tate. 2,147,470; Feb. 14.
Card display case. W. Q. Larson. 2,147,773; Feb. 21.
Card feeder mechanism. F. L. Fuller and G. F. Daly. 2,153,180; Apr. 4.
Card feeding mechanism, Record. W. Lang. 2,153,193; Apr. 4.
Card for drapery hooks, Display. C. Tate. 2,181,216; Nov. 28.
Card game indicator. H. E. Kinnee. 2,156,856; May 2.
Card, Greeting. P. Huber. 2,145,794; Jan. 31.
Card, Greeting. M. L. Johntz. 2,155,193; Apr. 18.
Card, Greeting. T. Markoff. 2,176,535; Oct. 17.
Card handling machine. F. E. Hamilton. 2,150,220; Mar. 14.
Card holder. C. R. Anderson. 2,171,350; Aug. 29.
Card holder. E. Glover. 2,181,324; Nov. 28.
Card holder. M. E. Graunke. 2,164,318; July 4.
Card holder. C. D. McClaughry. 2,162,025; June 13.
Card holder. G. A. McDonnell. 2,173,306; Sept. 19.
Card holder. M. E. Redmond. 2,165,814; July 11.
Card-holding clip. A. R. Jackson. 2,178,449; Oct. 31.
Card index system. M. Hoffmann. 2,173,332; Sept. 19.
Card interpreter, Perforated. I. B. Knutson. 2,181,996; Dec. 5.
Card, Letter. L. Wissmann. 2,168,920; Aug. 8.
Card, Magnetic type floating compass. M. Isaacson. 2,153,565; Apr. 11.
Card operated machine, Statistical. R. E. Page. 2,150,243; Mar. 14.
Card or certificate receptacle. R. W. Lotz. 2,181,976; Dec. 5.
Card perforator with spot detector. C. Ehret. 2,146,291; Feb. 7.
Card, Playing. W. Garrison. 2,162,946; June 20.
Card printing machine, Tabulating. F. M. Carroll. 2,181,935; Dec. 5.
Card punching and slotting machine. E. G. Corcoran. 2,149,583; Mar. 7.
Card punching machine. S. Brand. 2,161,612; June 6.
Card punching machine. J. W. Bryce. 2,146,283; Feb. 7.
Card punching machine. F. L. Fuller. 2,165,249; July 11.
Card punching machine and checking system, Multiple. J. P. Buckley. 2,164,698; July 4.
Card punching mechanism. G. H. Kroeger. 2,165,388; July 11.
Card rack. G. P. Hereford. 2,152,692; Apr. 4.
Card receptacle. H. E. Osborn. 2,155,058; Apr. 18.
Card, Record. L. N. Brown. 2,157,052; May 2.
Card, Reminder. A. Schuerlein. 2,155,332; Apr. 18.
Card, Sales. H. W. Priester. 2,155,021; Apr. 18.
Card, Sample. H. F. Cohen. 2,178,067; Oct. 31.
Card, Score. C. E. Morris. 2,169,536; Aug. 15.
Card selecting device. A. Gardin and R. Flahaut. 2,146,063; Feb. 7.
Card selecting machine. J. T. Wilson. 2,161,649; June 6.
Card selecting machine, Delinquency. F. T. Boylan. 2,167,871; Aug. 1.
Card selecting, separating, and presenting device. S. M. Scholl. 2,148,409; Feb. 21.
Card sensing device. T. E. Torkelson. 2,161,598; June 6.
Card slotter. L. L. McCart. 2,144,412; Jan. 17.
Card stacking device. H. Keil. 2,181,995; Dec. 5.
Card, Statistical. H. O. George. 2,165,250; July 11.
Card support. W. C. Thomas. 2,147,562; Feb. 14.
Card system. N. I. Stark. 2,156,551; May 2.
Card system, Record. G. G. Harper. 2,177,106; Oct. 24.
Card table. F. S. Lapeyre. 2,148,823; Feb. 28.
Card table. E. Wanz. 2,182,327; Dec. 5.
Card table, Folding. E. W. Edwards. 2,147,972; Feb. 21.
Card, Tally. W. C. Clark. 2,165,612; July 11.
Cardiac recording apparatus. H. Weiss. 2,168,890; Aug. 8.
Cards from a stack, Feeding of. G. D. Horgan. 2,158,505; May 16.
Cards, Method and apparatus for making color. S. H. Smith. 2,183,797; Dec. 19.
Cards or the like, Device for mixing playing. E. Sachs. 2,159,958; May 23.
Cards, records, etc., Apparatus for registering, filing and extracting. C. P. Mercau. 2,151,929; Mar. 28.
Cargo in cargo compartments, Method of and apparatus for preventing damage to. M. R. Colby, O. D. Colvin, and W. H. Hahne. 2,160,831; June 6.
Cargo loading and discharging in flight, Method and apparatus for. B. B. Smith. 2,151,395; Mar. 21.
Carotinoids, Extracting. D. D. Peebles. 2,170,872; Aug. 29.
Carpenter's gauge. F. M. Weadon, Jr. 2,165,878; July 11.

Carpenter's tool. B. M. Carr. 2,170,986; Aug. 29.
Carpet cleaning composition. C. W. Studer, R. G. Roshong, and M. Miller. 2,165,586; July 11.
Carpet cleaning machine. J. K. Tingle. 2,157,250; May 9.
Carpet-cleaning machine. J. K. Tingle. 2,171,072; Aug. 29.
Carpet or rug fabric. R. R. Matthews. 2,179,375; Nov. 7.
Carriage. S. and N. J. Kroll. 2,174,268; Sept. 26.
Carriage. S. and N. J. Kroll. 2,180,531; Nov. 21.
Carriage, Basket. H. S. Zumwinkel. 2,154,800; Apr. 18.
Carriage, Collapsible baby. E. Weber. 2,170,227; Aug. 22.
Carriage, Folding baby. G. Stinson. 2,171,013; Aug. 29.
Carriage for aircraft, Retractable under. G. H. Dowty. 2,152,539; Mar. 28.
Carriage for children, Convertible. A. Dobrowolski. 2,143,548; Jan. 10.
Carriage for rails and the like, Shifting. L. P. Chicoine and E. Sauvë. 2,182,057; Dec. 5.
Carriage for vehicles moved principally in one direction. L. E. W. Montrose-Oster. 2,166,456; July 18.
Carriage, Ink-motion. H. C. Jordhoy. 2,170,025; Aug. 22.
Carriage, Log. K. E. Evrell. 2,162,299; June 13.
Carriage return mechanism for automatic typewriters. G. W. Carlson. 2,184,278; Dec. 26.
Carriage running gear, Baby. C. H. Kuniholm. 2,155,277; Apr. 18.
Carriage way unit for bridges and like structures. L. Gaisman. 2,165,846; July 11.
Carrier: *See*—

Bait carrier.	Litter carrier.
Battery carrier.	Load carrier.
Bottle carrier.	Luggage carrier.
Braiding carrier.	Milk bottle carrier.
Braiding machine carrier.	Overhead carrier.
Card and key carrier.	Package and article carrier.
Coal chute carrier.	Pipe carrier.
Combination baby and parcel carrier.	Postal coin carrier.
Fishing pole carrier.	Railway highway-vehicle carrier.
Freight carrier.	Sample carrier.
Garment carrier.	Sign carrier.
Hay carrier.	Sound record carrier.
Index card carrier.	

Carrier. R. A. Dross. 2,151,293; Mar. 21.
Carrier and display device. D. P. Wheeler. 2,179,109; Nov. 7.
Carrier and display device, Can. F. G. Jewett. 2,145,879; Feb. 7.
Carrier and fastener means. C. Kehrer. 2,158,661; May 16.
Carrier and gripper for bag filling machines. A. S. Chandler. 2,184,178; Dec. 19.
Carrier and lifter, Battery. J. P. Gantt. 2,157,753; May 9.
Carrier and mounting therefor. E. F. Pawsat. 2,183,822; Dec. 19.
Carrier and speech transmission system. H. Whittle. 2,151,173; Mar. 21.
Carrier at the rear of the body, Tire. F. Biszantz. 2,174,769; Oct. 10.
Carrier communication system. N. Monk. 2,143,163, Jan. 10.
Carrier for battery hearing aid, Body. S. Gordon. 2,146,570; Feb. 7.
Carrier for bottles or other objects. T. H. Jenkins. 2,160,662; May 30.
Carrier for milk products. R. E. Brisbane. 2,158,217; May 16.
Carrier for railway use, Striking casting and coupler. E. B. Schrock. 2,147,859; Feb. 21.
Carrier for rope, wire, and the like. F. W. Zink. 2,165,021; July 4.
Carrier for surveyors, Chaining pin. C. S. Burns. 2,149,758; Mar. 7.
Carrier frequencies, Producing. H. Hornung. 2,156,056; Apr. 25.
Carrier line power supply. R. P. Jutson and J. L. Larew. 2,153,329; Apr. 4.
Carrier mechanism, Three. F. C. Good. 2,158,497; May 16.
Carrier modulation, Controlled. J. L. Reinartz. 2,155,506; Apr. 25.
Carrier operating mechanism for flat knitting machines. F. C. Good. 2,167,478; July 25.
Carrier or conveyer chain, Endless. R. S. Dyson. 2,157,283; May 9.
Carrier, Pneumatic dispatch tube. H. Busch. Re. 21,002; Feb. 14.
Carrier relaying system with latched receiver. M. E. Reagan. 2,144,508; Jan. 17.
Carrier spacing means. A. Drenkard, Jr. 2,174,718; Oct. 3.
Carrier system, Multiplex multiline. G. H. Huber. 2,142,316; Jan. 3.
Carrier system, Overhead. M. G. Rosenthal. 2,161,388; June 6.
Carrier transmission. J. C. Walter. 2,151,454; Mar. 21.
Carrier wave receiver, Modulated. G. M. Wright. 2,159,493; May 23.
Carrier wave receiving installation, Modulated. A. A. Linsell. 2,183,718; Dec. 19.
Carrier wave signaling. A. V. T. Day. 2,164,032; June 27.
Carrier wave transmission, Multiplex. M. A. Weaver. 2,154,594; Apr. 18.
Carrier wave transmitter. W. T. Ditcham. 2,163,670; June 27.
Carrier wave transmitter, Modulated. E. Green. 2,149,432; Mar. 7.
Carrier wave transmitter, Modulated. W. S. L. Tringham. 2,172,552; Sept. 12.
Carroting. A. P. Giuliano. 2,181,884; Dec. 5.
Carroting process. W. C. Mercier. 2,148,031–4; Feb. 21.
Carry bag. G. W. Poppe. 2,163,963; June 27.
Carrying and pouring appliance for thermos bottles and the like, Combined. I. M. Roberts. 2,161,935; June 13
Carrying iron. J. C. Chenette. 2,178,738; Nov. 7.
Cartograph. G. A. McDonald. 2,161,717; June 6.
Cart. E. L. Masters. 2,171,068; Aug. 29.
Cart, Transfer. G. Konicek. 2,182,259; Dec. 5.
Cart, Two-wheel hand. A. B. Fields. 2,183,066; Dec. 12.
Carton. T. J. C. Chapman. 2,148,533; Feb. 28.
Carton. B. J. Davidson. 2,146,420; Feb. 7.
Carton. H. Z. Gray. 2,148,048; Feb. 21.
Carton. H. L. Greve. 2,148,021; Feb. 21.
Carton. H. L. Greve. 2,159,737; May 23.
Carton. H. L. Greve. 2,164,517; July 4.
Carton. H. L. Greve. 2,181,483; Nov. 28.
Carton. R. M. Holmes. 2,155,791; Apr. 25.
Carton. W. J. Hubbard. 2,151,472; Mar. 21.
Carton. C. G. Johnson. 2,155,091; Apr. 18.
Carton. A. S. T. Lagaard. 2,162,556; June 13.
Carton. C. H. Lowe. 2,166,762; July 18.
Carton. R. E. Lowey. 2,153,333; Apr. 4.
Carton. T. W. Mahone. 2,162,094; June 13.
Carton. J. W. McNeil. 2,156,999; May 2.
Carton. J. A. Mooter and F. Hamlin. 2,179,981; Nov. 14.
Carton. P. A. Nemoede. 2,152,911; Apr. 4.
Carton. J. L. O'Brien. 2,171,760; Sept. 5.
Carton. R. H. O'Brien. 2,174,179; Sept. 26.
Carton. W. Pfundstein and O. Wilson. 2,179,830; Nov. 14.
Carton. L. A. Ranko and M. Feldman. 2,166,222; July 18.
Carton. L. W. Reaume. 2,162,119; June 13.
Carton. C. S. Reid. 2,153,340; Apr. 4.
Carton. W. A. Ringler. 2,164,346; July 4.
Carton. D. A. Snyder and R. T. Hill. 2,181,837; Nov. 28.
Carton. D. D. Stein. 2,178,730; Nov. 7.
Carton. C. W. Vogt. 2,167,917–8; Aug. 1.
Carton and article feeding mechanism. M. J. Milmoe and C. J. Malhiot. 2,171,131; Aug. 29.
Carton and blank for forming the same. H. Kondolf. 2,178,076; Oct. 31.
Carton and blank therefor. C. K. Lavere. 2,163,045; June 20.
Carton and filler, Egg. R. E. Rutledge. 2,175,670; Oct. 10.
Carton and lock, Egg. H. Blau. 2,143,536; Jan. 10.
Carton and structure therefor, Cellular. W. B. Jones. 2,152,649; Apr. 4.
Carton and the sealing thereof. V. H. and N. V. Watson. 2,156,441; May 2.
Carton assembling machine. N. A. Anderson. 2,183,951; Dec. 19.
Carton board, Identifiable. J. H. Brown. 2,143,682; Jan. 10.
Carton, Bottle. A. Rous. 2,173,494; Sept. 19.
Carton bottom sealing machine. C. F. Richard. 2,167,814; Aug. 1.
Carton capping machine. I. Kotcher. 2,167,895; Aug. 1.
Carton, Carrying. D. J. Bellin. 2,168,387; Aug. 8.
Carton, Chain cell. C. H. Lowe. 2,184,014; Dec. 19.
Carton closing machine. V. G. Williams and H. M. Rutter. 2,146,001; Feb. 7.
Carton, Collapsible. L. De Marco, Jr. 2,180,104; Nov. 14.
Carton, Collapsible. W. P. Frankenstein. Re. 21,158; July 25.
Carton, Collapsible. F. A. Wenzel. 2,143,588; Jan. 10.
Carton, Collapsible display. A. A. Mertz. 2,170,906; Aug. 29.
Carton, Collapsible egg. R. Sandell. 2,150,461; Mar. 14.
Carton construction. W. H. Inman. 2,142,131; Jan. 3.
Carton construction. J. P. Shearer. 2,154,475; Apr. 18.
Carton, Dispensing. W. D. McDonough. 2,155,323; Apr. 18.
Carton, Dispensing. G. H. Steuernagel and H. W. and R. R. Gauch. 2,180,916; Nov. 21.
Carton, Display. W. M. Gamble. 2,160,203; May 30.
Carton, Display and dispensing. J. H. and L. P. Chaney. 2,142,883; Jan. 3.
Carton, Divisible. W. B. Jones. 2,158,072; May 16.
Carton folding display, Folding. P. E. Olivier. 2,180,691; Nov. 21.
Carton for bottle goods. L. P. Greco. 2,175,600; Oct. 10.
Carton for granular material. E. E. Siefert. 2,162,286; June 13.
Carton for radio tubes. C. M. Knaur. 2,152,549; Mar. 28.
Carton for wax records. T. H. Beard. 2,171,518; Sept. 5.
Carton for wax records. R. E. Worden. 2,171,017–18; Aug. 29.
Carton machine and forming cartons. F. D. Palmer. 2,171,418; Aug. 29.
Carton-making machine, Rip-cord. J. A. Stock. 2,153,652; Apr. 11.
Carton, Nonsift. D. Bensel. 2,142,342; Jan. 3.

Carton, Paperboard. C. P. Wellman. 2,165,083; July 4.
Carton, Pasteboard. L. E. Shaw. 2,167,913; Aug. 1.
Carton, Pouring. E. C. Meek. 2,162,632; June 13.
Carton, Reclosing. R. Guyer. 2,151,202; Mar. 21.
Carton sealing machine. S. R. Howard. 2,183,163; Dec. 12.
Carton, Shipping. F. J. Martin, Jr. 2,175,476; Oct. 10.
Carton structure. R. B. Boyle. 2,158,216; May 16.
Carton structure. R. B. Boyle. 2,161,128; June 6.
Cartons, Mechanism for aperturing. F. X. Malocsay. 2,161,877; June 13.
Cartons, Method and apparatus for forming and filling. F. D. Palmer. 2,176,147; Oct. 17.
Cartoons, Apparatus for making animated. A. W. Tondreau. 2,153,902; Apr. 11.
Cartridge, Blasting. L. D. Myers. 2,145,366; Jan. 31.
Cartridge filling machine. H. R. Tear. 2,174,335; Sept. 26.
Cartridge for shotguns. J. Spengler. 2,144,232; Jan. 17.
Cartridge for the generation of gas pressures. J. M. Holm. 2,165,263; July 11.
Cartridge, Fuel oil filter. J. E. Hurn. 2,168,125; Aug. 1.
Cartridge, Nonabrading reloadable. D. H. Kinlock. 2,153,573; Apr. 11.
Cartridge or borehole charge, Blasting. A. G. White. 2,174,172; Sept. 26.
Cartridge, Shotgun. J. E. D. Holland and W. Mansfield. 2,180,239; Nov. 14.
Cartridge simulating device for use in toy pistols and the like. J. E. Brubaker. 2,148,603; Feb. 28.
Cartridges, Winding. J. E. Hurn. 2,175,775; Oct. 10.
Car truck and clasp brake assembly. W. C. Hedgcock. 2,168,291; Aug. 1.
Car truck, Railway. W. F. Kiesel, Jr. 2,168,293; Aug. 1.
Cascade systems, Apparatus for and method of operating. G. H. Zenner. 2,157,103; May 9.
Case: *See*—
Advertising display case.
Air cooled display case.
Bill-coin-key case.
Brief case.
Camera carrying case.
Card case.
Cigarette and similar case.
Cigarette case.
Collapsible case.
Collapsible pet case.
Commodity case.
Container and carrying case.
Counter or display case.
Display case.
Dressing case.
Eyeglass case.
Fibroid case.
File case.
Fly-book case.
Hematological case.
Key case.
Luggage case.
Museum and display case.
Musical instrument carrying case.
Piano case.
Refrigerated case.
Refrigerating display case.
Rod and reel case.
Rod case.
Sewing machine thread case.
Shipping case.
Spectacle case.
Storage battery case.
Tie case.
Tire-tube testing case.
Type case.
Typewriter case.
Vanity case.
Wall case.
Case. A. I. Klotz. 2,179,126; Nov. 7.
Case. G. Rosenberg. 2,146,514; Feb. 7.
Case and baby bed, Convertible traveling. S. B. Hawkins. 2,160,069; May 30.
Case and dispenser, Cigarette. G. H. Hutaff, Jr. 2,168,214; Aug. 1.
Case and display stand, Shipping. B. J. Davidson. 2,146,421; Feb. 7.
Case and fastener for the covers thereof, Wood. E. Brass. 2,182,112; Dec. 5.
Case and instrument mounted therein, Combined. H. B. Brown. 2,144,523; Jan. 17.
Case and link receiver for aerial machine guns. J. F. Haberlin. 2,149,522; Mar. 7.
Case construction for timepieces. P. H. English. 2,178,957; Nov. 7.
Case, especially for ladies' compacts, Pocket. M. Kaplan and G. Rosenberg. 2,163,429; June 20.
Case for boudoir accessories, Display. A. S. Donaldson. 2,182,200; Dec. 5.
Case for moving-picture films, Shipping. J. M. Goldberg. 2,151,025; Mar. 21.
Case for the reception of elongated articles. H. Lorant. 2,180,713; Nov. 21.
Case for wrist watches, Adjustable watch. F. S. Moody. 2,169,738; Aug. 15.
Case hardening of glass sheets. L. V. Black. 2,174,254; Sept. 26.
Case of leather or like material, Toilet or utility. L. G. Stanley. 2,146,657; Feb. 7.
Case on steel articles, Producing a composite carbide and nitride. R. J. Cowan. 2,151,190; Mar. 21.
Case or container for cigarettes and like articles. J. E. H. Morgan and V. J. F. Donnelly. 2,184,803; Dec. 26.
Case packing machine. W. D. Kimball, C. I. Braren, and J. H. Mosley. 2,148,820; Feb. 28.
Case, Refrigerating. R. E. Ottenheimer. Re. 20,966; Jan. 3.
Case structure, Bottle. H. A. Carter. 2,151,896; Mar. 28.
Case, Vanity. J. Kreisler. Re. 20,986; Jan. 24.
Case with adjustable partitions. A. C. Allen. 2,175,949; Oct. 10.
Casein fibers, Treating artificial. M. Fortunato. 2,146,116; Feb. 7.
Casein fibers, Treating artificial. M. Fortunato. 2,182,553; Dec. 5.
Casein fibers, Treatment of. T. Koch and H. A. van der Kroon. 2,169,955; Aug. 15.
Casein, Manufacture of. L. C. Pagel. 2,184,002; Dec. 19.
Casein material and polished casein articles, Molding. D. Kasen. 2,168,127; Aug. 1.
Casein, Producing dry. F. H. Clickner. 2,142,093; Jan. 3.
Casein product, Buttermilk. C. G. Harford. 2,167,751; Aug. 1.
Casein products, Manufacture of. C. Schwartz. 2,182,357; Dec. 5.
Casein solution. J. V. Reardon. 2,174,094; Sept. 26.
Casein solution, Stable. C. Iddings. 2,154,400; Apr. 11.
Casement window fastener. F. J. Thompson. 2,150,851; Mar. 14.
Cases, Making bookbinding. F. S. Schade. 2,177,879; Oct. 31.
Cases, Producing corrugated. A. D. Forbes. 2,169,025; Aug. 8.
Cases such as cartridge cases, Production of tubular metal. O. Biginelli. 2,183,637; Dec. 19.
Cash register. C. H. Arnold. 2,165,439; July 11.
Cash register. T. O. R. Dahlberg. 2,148,900; Feb. 28.
Cash register. F. L. Fuller. 2,181,990; Dec. 5.
Cash register. C. W. Green. 2,176,130; Oct. 17.
Cash register. J. H. Gruver. 2,154,381; Apr. 11.
Cash register. G. Nelson. 2,176,145; Oct. 17.
Cash register. E. H. Placke. 2,176,561; Oct. 17.
Cash register, accounting, and the like machine. F. Ranglack. 2,158,150; May 16.
Cash register and accounting machine. K. Bullerjahn. 2,170,183; Aug. 22.
Cash registering device for coin-controlled franking apparatus, Automatic. W. Friedrichs. 2,142,440; Jan. 3.
Cashew nut shell liquid, Treatment of. S. Caplan. 2,176,059; Oct. 17.
Cashier machine. J. C. Stedman. Re. 21,096; May 23.
Casing and making same, Pneumatic tire. J. M. T. Hauvette. 2,143,694; Jan. 10.
Casing, Collapsible insulating. P. Zalkind. 2,173,871; Sept. 26.
Casing, Collapsible storage file. S. Scheinman and J. Mandel. 2,181,918; Dec. 5.
Casing, Control. L. M. Persons. 2,160,623; May 30.
Casing cutter. J. J. McCann. 2,158,243; May 16.
Casing, Electrical apparatus. M. O. Marsh. 2,185,032. Dec. 26.
Casing, Fan. K. D. McMahan. 2,171,341–2; Aug. 29.
Casing, Fan discharge. R. G. Wyld. 2,148,388; Feb. 21.
Casing for furnaces and the like. G. D. Hauser. 2,150,682; Mar. 14.
Casing for internal combustion engine locomotives, Transmission. W. F. Eckert. 2,167,065; July 25.
Casing for textile stretching apparatus, Roller. H. W. Mettler. 2,158,631; May 16.
Casing for thermometers. C. R. Palmer. 2,176,003; Oct. 10.
Casing for turbines. J. N. Heiner. 2,151,699; Mar. 28.
Casing, Gear. W. L. Hansen. 2,184,669; Dec. 26.
Casing head. L. L. Rector. 2,159,401; May 23.
Casing head and tubing hanger, Oil well. J. Lemley. 2,148,360; Feb. 21.
Casing head for pressure drilling. F. W. Hild. 2,180,680; Nov. 21.
Casing, Laminated sausage. C. T. Walter. 2,182,188; Dec. 5.
Casing perforating device. P. T. Bynum. 2,171,442; Aug. 29.
Casing perforator. R. D. Walker. 2,169,671; Aug. 15.
Casing pick-up elevator. W. W. Smith. 2,164,843; July 4.
Casing protector. W. I. Bettis. 2,163,932; June 27.
Casing, Sausage. L. A. Goodman. 2,181,886; Dec. 5.
Casing transformable into a table for sewing machines, Portable. R. C. Robert. 2,148,645; Feb. 28.
Casing, Well. C. L. Dailey. 2,173,037; Sept. 12.
Casing, Well. E. F. Dooley. 2,183,308; Dec. 12.
Casings and tubings, Setting devices at predetermined levels in well. O. Hammer. 2,160,357; May 30.
Casings, Drying. C. T. Walter. 2,148,885; Feb. 28.
Casings for sausages or other meat products, Making. L. A. Goodman. 2,181,887; Dec. 5.
Casings, Forming synthetic sausage. C. T. Walter. 2,148,884; Feb. 28.
Casings, Method of and apparatus for making artificial sausage. O. W. Becker. 2,161,908; June 13.
Casings or the like, Straightening oil-well. W. M. Frame. 2,178,141; Oct. 31.
Casings, Perforating. F. E. O'Neill. Re. 21,085; May 16.
Casings, Treating animal. H. J. Wollweber. 2,157,515; May 9.
Casket. J. Fletcher. 2,159,144; May 23.
Casket. H. S. Scholl. 2,157,308; May 9.
Casket construction. D. Oppenheim. 2,167,001; July 25.
Casket container. D. Torricelli. 2,162,137; June 13.
Casket handle. G. M. Clifford. 2,163,830; June 27.
Casket handle. B. F. Johnson. 2,152,483; Mar. 28.
Casket-top holder. J. W. Roberts. 2,156,872; May 2.
Casket illuminating apparatus. D. D. Hulsart. 2,179,409; Nov. 7.
Casket skid plate for hearses. E. L. Schofield. 2,143,285; Jan. 10.
Cassette for cinematographic cameras. H. Verkinderen. 2,165,739; July 11.

Cassette, X-ray. C. B. Kamiss. 2,161,058; June 6.
Cast cutter. F. Butkiewicz. 2,180,457; Nov. 21.
Cast cutter. E. J. Johnson. 2,167,212; July 25.
Cast iron welding rod. C. O. Burgess. 2,158,105; May 16.
Caster. N. Y. Andersen. 2,170,257; Aug. 22.
Caster. J. S. Cantelo. 2,149,389; Mar. 7.
Caster. W. F. Herold. 2,155,826–8; Apr. 25.
Caster. V. Milich. 2,182,445; Dec. 5.
Caster. L. C. Rogers. 2,175,317; Oct. 10.
Caster assembly, Lockable. F. W. Parkhill. 2,173,950; Sept. 26.
Caster control means for movable trucks and the like. G. C. Noros and H. W. Kulp. 2,154,525; Apr. 18.
Caster, Safety. A. C. Solem. 2,176,551; Oct. 17.
Caster, Swivel. M. E. Dayton. 2,184,038; Dec. 19.
Caster wheel. R. A. Butter and L. B. Neighbour. 2,181,722; Nov. 28.
Castering wheel. A. Kantrowitz. 2,172,387; Sept. 12.
Casting. C. Piel. 2,167,906; Aug. 1.
Casting apparatus. A. H. Jung. 2,169,885; Aug. 15.
Casting apparatus. H. E. McWane. 2,151,131; Mar. 21.
Casting apparatus, Safety mechanism for continuous. C. Thulin. 2,145,438; Jan. 31.
Casting in a centrifugal mold. H. Wehmeier and W. Ruff. 2,152,717; Apr. 4.
Casting machine. N. Lester. 2,145,448; Jan. 31.
Casting machine. A. W. Morris. 2,143,082; Jan. 10.
Casting machine for stereotype plates. E. S. Bird. 2,163,658; June 27.
Casting means for line-casting machines. H. R. Freund. 2,171,500; Aug. 29.
Casting mechanism of typographical composing machines. V. C. J. Harrison. 2,170,263; Aug. 22.
Casting, Method and apparatus for pressure. J. N. Smith. 2,181,157; Nov. 28.
Casting mold. F. Holz. 2,182,808; Dec. 12.
Casting press. T. F. Stacy and J. E. Hoy. 2,174,847; Oct. 3.
Castings, Apparatus for forming. F. H. Le Jeune. 2,150,510; Mar. 14.
Castings, Forming thin-walled hollow ferrous. R. H. Terry and A. L. Boegehold. 2,147,724; Feb. 21.
Castings, Method of and means for producing. C. E. Westover. 2,170,103; Aug. 22.
Castings of aluminum and aluminum-base alloy, Making. J. H. Alden and P. T. Stroup. 2,160,812; June 6.
Catalogue or file, Multiple-leaf. H. D. Ralston and P. J. Gilbert. 2,162,972; June 20.
Catalysis. E. J. Houdry. 2,150,924; Mar. 21.
Catalysis. E. J. Houdry. 2,161,677; June 6.
Catalysis, Method of. E. J. Houdry. 2,150,923; Mar. 21.
Catalyst. J. R. Rose. 2,158,154; May 16.
Catalyst. J. R. Rose. 2,173,376; Sept. 19.
Catalyst and producing it. J. M. Weiss. 2,154,079; Apr. 11.
Catalyst for acetylene reactions and preparing polymeric compounds of acetylene. H. Vollmann and B. Schacke. 2,161,645; June 6.
Catalyst for and process of selectively carrying out catalytic reactions. L. G. Jenness. 2,163,602; June 27.
Catalyst for making ethyl chloride. R. D. Blue. 2,180,345; Nov. 21.
Catalyst for the preparation of methane from carbon monoxide and hydrogen. R. Page and E. B. Thomas. 2,151,329; Mar. 21.
Catalysts for producing aliphatic acids and producing them. G. P. Waugh. 2,165,428; July 11.
Catalyst for use in the oxidation of ammonia. O. Brack. 2,148,680; Feb. 28.
Catalyst regeneration. G. A. Boyd. 2,180,220; Nov. 14.
Catalyst regeneration. P. E. Kuhl. 2,162,893; June 20.
Catalyst, Selenium-containing. W. A. La Lande, Jr. 2,161,066; June 6.
Catalysts. B. Malishev. 2,148,378; Feb. 21.
Catalysts. B. Malishev. 2,148,634; Feb. 28.
Catalysts for hydrogenation and like processes, Revivification of. T. H. Durrans and B. T. D. Sully. 2,150,270; Mar. 14.
Catalysts, Manufacture of gel-type metallic oxide. R. F. Ruthruff. 2,156,903–4; May 2.
Catalysts, Preparation of. J. M. Weiss. 2,162,276; June 13.
Catalytic body. A. M. Fairchild. 2,148,342; Feb. 21.
Catalytic hydrogenation of epsilon-caprolactam to amines. W. A. Lazier and G. W. Rigby. 2,181,140; Nov. 28.
Catalytic masses, Regenerating. R. S. Vose. 2,167,698; Aug. 1.
Catalytic material, Preparing a. P. V. McKinney. 2,142,324; Jan. 3.
Catalytic material, Preparing a. P. V. McKinney. 2,147,985; Feb. 21.
Catalytic operation. E. J. Houdry. 2,161,676; June 6.
Catalytic reactions, Apparatus and process for. J. H. Shapleigh. 2,173,984; Sept. 26.
Catalytic reactions, Apparatus for carrying through. H. Dorndorf, M. Kelting, and H. Tramm. 2,148,545; Feb. 28.
Catalytic reactions, Carrying out. M. Pier, W. Simon, and P. Jacob. 2,154,527; Apr. 18.
Catalytic reactions, Carrying out. M. Pier, W. Simon, and P. Jacob. 2,159,511; May 23.
Catalytic reactions, Effecting. M. D. Taylor. 2,143,364; Jan. 10.
Catamenial article. R. M. Previn. 2,182,702; Dec. 5.
Catapult. E. F. Richter. 2,153,315; Apr. 4.
Catch and lock mechanism for automobile trunk compartments. A. Claud-Mantle. 2,172,169; Sept. 5.
Catch, Bracelet. H. Cohan and H. Seidman. 2,148,534; Feb. 28.
Catch, Door. H. B. Gallinger. 2,161,671; June 6.
Catch mechanism. C. R. Hennicke. 2,159,895; May 23.
Catch, Multiple. K. F. Ziehm, Jr. 2,150,536; Mar. 14.
Catch or joint. E. Morehouse. 2,147,608; Feb. 14.
Catch, Rim friction. G. E. Hagstrom. 2,175,348; Oct. 10.
Catch, Safety. R. L. Wells. 2,142,877; Jan. 3.
Catch, Spring. C. J. Hannings. 2,146,140; Feb. 7.
Catch, Spring. H. J. Osborne. 2,174,995; Oct. 3.
Catch, Spring. H. H. Raymond. 2,143,575; Jan. 19.
Catch, Spring. G. A. Tinnerman. 2,151,284; Mar. 21.
Catcher for tin plate, Automatic. D. Buccicone and R. A. Fenoglio. 2,157,228; May 9.
Caterpillar drive for conveyers. J. B. Webb and N. H. Preble. 2,168,852; Aug. 8.
Cathead. G. N. Parker. 2,163,736; June 27.
Cathead. P. M. Rea. 2,175,094; Oct. 3.
Cathead, Automatic. W. Guier. 2,182,292; Dec. 5.
Catheter for bronchospirometry. P. W. Gebauer. 2,175,726; Oct. 10.
Catheter or drainage tube. J. D. Agayoff. 2,173,527; Sept. 19.
Catheter stylet. A. Kleine. 2,164,926; July 4.
Cathode. N. R. Smith. 2,175,708; Oct. 10.
Cathode activation and degassing. H. J. Spanner. 2,184,323; Dec. 26.
Cathode and acceleration diaphragm, Combined glow. E. Treschau. 2,144,998; Jan. 24.
Cathode arrangement for a cathode ray tube, Hot. K. Schlesinger. 2,173,498; Sept. 19.
Cathode beams, Synchronizing. R. Barthelemy. 2,143,932; Jan. 17.
Cathode device, Liquid. L. D. Miles. 2,167,521; July 25.
Cathode discharge tube, Hot. H. Daene. 2,156,752; May 2.
Cathode disintegration. W. Burkhardt and R. Reinecke. 2,148,045; Feb. 21.
Cathode, Electron emitting. C. H. Prescott, Jr. 2,142,331; Jan. 3.
Cathode for cathode ray tube. H. O. Roosenstein and K. Diels. 2,182,881; Dec. 12.
Cathode for electrolytic devices. J. B. Brennan. 2,154,026; Apr. 11.
Cathode for electron discharge devices. V. O. Allen. 2,144,249; Jan. 17.
Cathode for electron discharge devices. V. O. Allen and J. Johnson. 2,144,250; Jan. 17.
Cathode for electron discharge devices. R. B. Ayer. 2,154,298; Apr. 11.
Cathode for electron discharge devices. A. W. Hull. 2,162,661; June 13.
Cathode for electron discharge devices. N. M. Rust and G. F. Brett. 2,151,803; Mar. 28.
Cathode for electron discharge devices. E. G. Widell. 2,179,110; Nov. 7.
Cathode for electron discharge devices. E. Wiegand. 2,171,249; Aug. 29.
Cathode, Glow. H. Kolligs. 2,147,447; Feb. 14.
Cathode, Glow. H. Kolligs and R. Lauter. 2,172,207; Sept. 5.
Cathode, Incandescible. G. Holst and H. L. van der Horst. 2,169,643; Aug. 15.
Cathode, Indirectly heated. F. D. Goodchild. 2.164,913. July 4.
Cathode, Indirectly heated. G. J. Imboden. 2,145,833; Jan. 31.
Cathode, Indirectly heated. G. Jobst. 2,143,915; Jan. 17.
Cathode, Photoelectric. L. E. Flory. 2,175,888; Oct. 10.
Cathode, Photoelectric. P. Görlich. 2,172,164; Sept. 5.
Cathode ray apparatus. M. Bowman-Manifold. 2,176,973; Oct. 24.
Cathode ray apparatus. H. A. Iams. 2,146,017; Feb. 7.
Cathode ray deflecting device. I. G. Maloff. 2,157,182; May 9.
Cathode ray deflecting device. I. G Maloff. 2,165,803; July 11.
Cathode ray deflection apparatus, Electromagnetic. R. Andrieu. 2,164,891; July 4.
Cathode ray device. C. J. Calbick. 2,167,760; Aug. 8.
Cathode ray device. H. E. Hollmann. 2,182,382; Dec. 5.
Cathode ray device. H. E. Ives. 2,179,243; Nov. 7.
Cathode ray device. G. N. Ogloblinsky. 2,156,769; May 2.
Cathode ray device. A. M. Skellett. 2,165,308; July 11.
Cathode ray device. V. K. Zworykin. 2,168,892; Aug. 8.
Cathode ray electrical measuring device. G. M. Koch. 2,171,216; Aug. 29.
Cathode ray image scanner with magnetic deflection of scanning ray. H. Knoblauch and W. Kluge. 2,178,374; Oct. 31.
Cathode ray oscillograph. T. M. Vogel and P. Traverse. 2,175,582; Oct. 10.
Cathode ray oscillograph control. H. P. Kuehni. 2,180,153; Nov. 14.
Cathode ray oscilloscope. R. H. Varian. 2,153,949; Apr. 11.
Cathode-ray signal-generating tube. H. M. Lewis and R. C. Hergenrother. 2,169,840; Aug. 15.
Cathode ray sweep circuit. M. W. Baldwin, Jr. 2,178,464; Oct. 31.

Cathode ray tube. G. F. Brett. 2,172,530; Sept. 12.
Cathode ray tube. G. F. Brett and G. B. Banks. 2,171,970; Sept. 5.
Cathode ray tube. J. E. Brown. 2,163,233; June 20.
Cathode ray tube. A. B. Du Mont. 2,163,256; June 20.
Cathode ray tube. P. T. Farnsworth. 2,149,045; Feb. 28.
Cathode ray tube. P. T. Farnsworth. 2,158,279; May 16.
Cathode ray tube. F. W. Hehlgans. 2,183,398; Dec. 12.
Cathode ray tube. W. Hickok. 2,178,232; Oct. 31.
Cathode ray tube. L. Klatzow. 2,178,233; Oct. 31.
Cathode ray tube. O. Klemperer. 2,173,257; Sept. 19.
Cathode ray tube. M. Knoll. 2,147,372; Feb. 14.
Cathode ray tube. N. Levin. 2,172,738–9; Sept. 12.
Cathode ray tube. J. D. McGee and G. E. Condliffe. 2,176,974; Oct. 24.
Cathode ray tube. F. H. Nicoll. 2,153,269; Apr. 4.
Cathode ray tube. F. H. Nicoll. 2,181,850; Nov. 28.
Cathode ray tube. M. Ploke. 2,149,101; Feb. 28.
Cathode ray tube. W. Rogowski and F. A. Becker. 2,161,316; June 6.
Cathode ray tube. A. Rose. 2,171,224; Aug. 29.
Cathode ray tube. E. Ruska. 2,143,581; Jan. 10.
Cathode ray tube. K. Schlesinger. 2,185,132; Dec. 26.
Cathode ray tube. F. Schröter and M. Knoll. 2,156,435; May 2.
Cathode ray tube. I. Shoenberg, G. E. Condliffe, and W. F. Tedham. 2,178,973; Nov. 7.
Cathode ray tube. H. A. Snow. 2,148,588; Feb. 28.
Cathode ray tube. G. K. Teal. 2,173,923; Sept. 26.
Cathode ray tube. R. Truell. 2,164,555; July 4.
Cathode ray tube. N. von Korshenewsky. 2,158,314; May 16.
Cathode ray tube. H.-H. Wolff. 2,185,138; Dec. 26.
Cathode ray tube. A. J. Young. 2,153,223; Apr. 4.
Cathode ray tube. A. J. Young. 2,177,762; Oct. 31.
Cathode ray tube apparatus. K. Diels. 2,153,616; Apr. 11.
Cathode ray tube apparatus. K. Schlesinger. 2,185,134; Dec. 26.
Cathode ray tube circuit. A. J. Young. 2,179,111; Nov. 7.
Cathode-ray tube deflecting circuit. W. A. Tolson. 2,173,239; Sept. 19.
Cathode ray tube deflecting device. W. A. Tolson. 2,167,379; July 25.
Cathode ray tube fluorescent screen. N. W. H. Addink and J. H. de Boer. 2,182,860; Dec. 12.
Cathode ray tube recording device. W. Heimann. 2,170,819; Aug. 29.
Cathode-ray tube scanning system. M. Cawein. 2,177,688; Oct. 31.
Cathode ray tube screen. M. Knoll, B. Bartels, and O. Spengler. 2,180,710; Nov. 21.
Cathode ray tube screen. M. Ploke. 2,182,451; Dec. 5.
Cathode ray tube support. A. Blain. 2,165,779; July 11.
Cathode rays, Arrangement for reflecting of. M. Knoll. 2,156,915; May 2.
Cathode support for electrolytic units. K. C. D. Hickman. 2,153,188; Apr. 4.
Cathodes, Making electron-emitting. E. H. Wittich. 2,172,326; Sept. 5.
Cathodes, Treatment of nickel. A. M. Gronningsaeter. 2,143,913; Jan. 17.
Cativates and making them, Insoluble metal. N. L. Kalman. 2,152,744; Apr. 4.
Caustic, Purification of. J. L. Jamieson. 2,155,269; Apr. 18.
Caustic solutions. B. K. Beecher and W. F. Waldeck. 2,155,252; Apr. 18.
Caustic solutions, Purification of aqueous. W. C. Eichelberger. 2,142,670; Jan. 3.
Causticization of soluble sulphides. H. K. Moore. 2,164,141; June 27.
Ceiling and wall cleaner. F. W. French. 2,168,121; Aug. 1.
Ceiling for car roofs. J. F. Comee. 2,153,074; Apr. 4.
Ceiling structure, Suspended. R. Guastavino. 2,143,980; Jan. 17.
Ceilings and the like, Reconstructing and reinforcing plastered. D. H. Wieslander. 2,162,658; June 13.
Celery, Preserving. C. V. Rohrbacher. 2,172,332; Sept. 5.
Cell bar. F. J. Bayon. 2,156,579; May 2.
Cell case packing machine. J. J. Thayer. 2,179,648; Nov. 14.
Cell, Dry. P. A. Marsal. 2,169,702; Aug. 15.
Cell generator with single electrolyte, Multiple. G. A. F. Winckler. 2,177,235; Oct. 24.
Cell, Potential producing. S. Ruben. 2,178,969; Nov. 7.
Cell, Primary. E. A. Schumacher and G. W. Heise. 2,180,839; Nov. 21.
Cells for oxide film arresters, Reproducing. M. Ona. 2,163,983; June 27.
Cellar lubricator. J. De Matteo. 2,156,377; May 2.
Cellular box. K. F. Hanselmann. 2,174,157; Sept. 26.
Cellular product and making the same. R. C. Thompson. 2,170,102; Aug. 22.
Cellulosates, Alkali metal. P. C. Scherer, Jr. 2,181,919; Dec. 5.
Cellulose according to the sulphite method, Manufacturing. T. E. Waenerlund. Re. 21,251; Oct. 31.
Cellulose acetate and producing same. W. Gruber, M. Thoma, and H. Zoebelein. 2,165,850; July 11.
Cellulose, Alkali. S. L. Bass. 2,143,855; Jan. 17.
Cellulose, Alkali. W. R. Collings, L. De Pree, and M. H. Weymouth. 2,143,862–3; Jan. 17.
Cellulose, Alkali. F. C. Peterson and A. T. Maasberg. 2,149,309–10; Mar. 7.
Cellulose and cellulose derivatives, Manufacture of improved products of. L. Ubbelohde. 2,155,067; Apr. 18.
Cellulose and derivatives, Hydroxyalkylation of. A. E. Broderick. 2,173,470; Sept. 19.
Cellulose and product, Plasticizing regenerated. J. T. Power and E. G. Almy. 2,172,406; Sept. 12.
Cellulose article, Shaped. W. Becker, O. Bayer, and W. Harz. 2,148,894; Feb. 28.
Cellulose compound composition. R. P. Russell. 2,181,609; Nov. 28.
Cellulose, Decomposition of raw. F. Offermanns. 2,164,040; June 27.
Cellulose derivative and preparing same. P. C. Scherer, Jr. 2,181,920; Dec. 5.
Cellulose derivative antioffset composition. E. H. Bucy. 2,142,668; Jan. 3.
Cellulose derivative composition. G. S. Hooper. 2,147,703; Feb. 21.
Cellulose derivative compositions, Manufacture of. H. A. Auden, H. P. Staudinger, and H. M. Hutchinson. 2,183,317; Dec. 12.
Cellulose derivatives and preparing same. W. Whitehead. 2,163,723; June 27.
Cellulose derivatives, Converting soluble into insoluble. W. Frey and H. Schwalenstöcker. 2,170,017; Aug. 22.
Cellulose derivatives, Dissolving alkali soluble. R. W. Maxwell. 2,160,106; May 30.
Cellulose derivatives, Making. L. E. Goff. 2,180,517; Nov. 21.
Cellulose derivatives, Manufacture of. H. Dreyfus. 2,181,264; Nov. 28.
Cellulose derivatives, Manufacture of. H. F. Oxley, E. B. Thomas, and J. Downing. 2,184,564; Dec. 26.
Cellulose derivatives, Preparation of. L. E. Goff. 2,176,850; Oct. 17.
Cellulose derivatives, Preparing. R. W. Maxwell and J. H. Shipp. 2,160,107; May 30.
Cellulose esters, Articles of. C. Dreyfus. 2,157,167; May 9.
Cellulose esters from wood pulp, Preparing. C. J. Malm. 2,150,689; Mar. 14.
Cellulose esters, Manufacture of. E. Berl. 2,175,103; Oct. 3.
Cellulose esters, Preparation of mixed. R. W. Maxwell. 2,175,357; Oct. 10.
Cellulose esters, Preparation of stable. C. J. Malm. 2,152,071; Mar. 28.
Cellulose esters, Producing. R. Weingand and E. Acker. 2,159,643; May 23.
Cellulose esters, Production of. O. Sindl and G. Frank. 2,143,332; Jan. 10.
Cellulose esters, Saponifying. P. Schlack. 2,144,202; Jan. 17.
Cellulose esters uniform, Maintaining the viscosity of. C. J. Malm. 2,177,667; Oct. 31.
Cellulose ether pigmented base. R. L. Zapp. 2,173,444; Sept. 19.
Cellulose ethers, Alkali soluble. F. H. Reichel and W. F. Hindry. 2,172,109; Sept. 5.
Cellulose ethers and products, Preparing. R. W. Maxwell. 2,148,952; Feb. 28.
Cellulose ethers from coated paper, Recovering. R. D. Freeman. 2,183,039; Dec. 12.
Cellulose ethers, Making. W. R. Collings and L. De Pree. 2,163,869; June 27.
Cellulose ethers, Preparation of. C. R. Fordyce and J. G. Stampfli. 2,172,242; Sept. 5.
Cellulose ethers, Preparation of. F. C. Peterson and A. J. Barry. 2,157,083; May 2.
Cellulose ethers, Treating. H. Neuroth. 2,176,678; Oct. 17.
Cellulose ethers, Water soluble. A. T. Maasberg. 2,160,782; May 30.
Cellulose for acylation, Preparing. C. J. Malm. 2,143,785; Jan. 10.
Cellulose for esterification, Preparing. L. W. Blanchard, Jr. 2,161,555; June 6.
Cellulose from bagasse, Liberating. J. P. Foster and H. L. Joachim. 2,181,785; Nov. 28.
Cellulose, Improving regenerated. F. Siefert. 2,167,914; Aug. 1.
Cellulose in attenuated form, Pretreatment for esterification of. C. J. Malm. 2,150,690; Mar. 14.
Cellulose, Manufacture of. H. Dreyfus. 2,175,257; Oct. 10.
Cellulose, Manufacture of. H. Dreyfus. 2,183,643; Dec. 19.
Cellulose, Manufacture of highly acetylated. P. Koetschet. 2,175,842; Oct. 10.
Cellulose materials, Low density. B. W. Manning. 2,168,531; Aug. 8.
Cellulose, Moistureproofing regenerated. C. F. Silsby. 2,182,765; Dec. 5.
Cellulose or cellulosic materials, Production of conversion products from. F. Guenther, H. Haussmann, and W. Alt. 2,150,968; Mar. 21.
Cellulose pellets, Preparation of. L. S. Baker and G. L. Schwartz. 2,182,274; Dec. 5.
Cellulose pellicle, Regenerated. T. F. Banigan. 2,179,571; Nov. 14.

Cellulose, Preparation of alkali. E. C. Britton, W. J. Le Fevre, and E. G. Hallonquist. 2,143,857; Jan. 17.
Cellulose products, The manufacture of. J. Eggert and W. Gellendien. 2,179,449; Nov. 7.
Cellulose solutions and making same. C. Graenacher and R. Sallmann. 2,179,181; Nov. 7.
Cellulose structures, Composition and process for producing. F. H. Reichel and A. E. Craver. 2,175,313; Oct. 10.
Cellulose to cellulose xanthate, Conversion of waste regenerated. G. and P. Donagemma. 2,184,586; Dec. 26.
Cellulose to esterification reagents, Increasing the reactivity of. A. Marschall. 2,172,447; Sept. 12.
Cellulose, Treatment of regenerated. P. B. Cochran, M. V. Hitt, and L. Van Taylor. 2,150,205; Mar. 14.
Cellulose triacetate, Precipitation of. C. J. Malm. 2,180,009; Nov. 14.
Cellulose xanthate, Apparatus for manufacture of. T. Dokkum. 2,174,056; Sept. 26.
Cellulose xanthate derivatives and artificial materials therefrom, Manufacture of. L. Lilienfeld. 2,169,207; Aug. 8.
Celluloses, Hydroxyalkylation of. A. E. Broderick. 2,173,471; Sept. 19.
Celluloses, Producing low substituted alkyl. D. C. Ellsworth and F. C. Hahn. 2,157,530; May 9.
Cellulosic article. M. Keller. 2,149,091; Feb. 28.
Cellulosic coating. J. R. Haines. 2,157,334; May 9.
Cellulosic composition and preparing same. E. F. Izard. 2,168,348; Aug. 8.
Cellulosic ester composition. L. P. Kyrides. 2,180,281; Nov. 14.
Cellulosic film and preparing same. H. S. Rothrock 2,170,840; Aug. 29.
Cellulosic material and making same. D. E. Drew. 2,167,105; July 25.
Cellulosic material and preparing same. W. W. Heckert. 2,168,335; Aug. 8.
Cellulosic material, Alcoholic treatment of ligneous. A. J. Bailey. 2,166,540; July 18.
Cellulosic material, Treating. A. D. Merrill. 2,175,154; Oct. 3.
Cellulosic material, Treating. E. Slatineanu. 2,151,166; Mar. 21.
Cellulosic material, Treatment of. H. Rein. 2,166,325; July 18.
Cellulosic materials, Flameproofed. M. E. Cupery. 2,163,085; June 20.
Cellulosic materials, Preservation of. T. S. Carswell. 2,142,604; Jan. 3.
Cellulosic product, Making a. C. A. Fourness. 2,143,911; Jan. 17.
Cellulosic products, Production of. A. Marschall. 2,164,416; July 4.
Cellulosic sheeting, Moistureproof. N. F. Beach. 2,166,711; July 18.
Cellulosic structure and preparing same. W. W. Heckert. 2,168,337; Aug. 8.
Cellulosic structure and preparing same. E. Kline. 2,157,544; May 9.
Cellulosic structure and preparing same. G. H. Latham and J. K. Hunt. 2,159,743; May 23.
Cellulosic structure and preparing same. J. C. Woodhouse. 2,170,845; Aug. 29.
Cellulosic structure and producing same. W. W. Heckert. 2,168,336; Aug. 8.
Cellulose structure and producing same. W. W. Heckert. 2,168,338; Aug. 8.
Cellulosic structure and producing same, Nonfibrous. M. E. Cupery. 2,142,116; Jan. 3.
Cellulosic structure, Producing a. F. P. Alles. 2,144,356; Jan. 17.
Cellulosic structures, Method and apparatus for the production of. R. Picard. 2,156,923; May 2.
Cellulosic structures and preparing same. G. S. Hooper. 2,147,701; Feb. 21.
Cement. H. H. Moreton. 2,176,862; Oct. 17.
Cement and making the same. D. E. Cordier and E. H. Balz. 2,167,874; Aug. 1.
Cement and other materials, Process and apparatus for burning. N. Ahlmann. 2,148,052; Feb. 21.
Cement and similar raw material, Burning. N. Ahlmann. 2,143,905; Jan. 17.
Cement block grooving apparatus. A. S. Vinyard, Sr. 2,174,065; Sept. 26.
Cement clinker, Cooling of. E. Rønne. 2,173,182; Sept. 19.
Cement clinker, Production and cooling of. A. E. Douglass. 2,163,513; June 20.
Cement composition for mason's mortar. A. C. Eichenlaub. 2,164,871; July 4.
Cement composition, Stucco. V. Morgero. 2,179,754; Nov. 14.
Cement concrete, Manufacturing. A. B. C. Dahlberg. 2,167,200; July 25.
Cement fiber product. C. H. Schuh. 2,156,311; May 2.
Cement-fibrous products, Manufacturing. C. H. Schuh. 2,156,308; May 2.
Cement, Hydraulic. K. Winkler. 2,174,051; Sept. 26.
Cement manufacture. C. H. Breerwood. 2,144,254; Jan. 17.
Cement, Manufacture of. C. H. Breerwood and J. C. Williams. 2,161,010–11; June 6.
Cement, Manufacture of. M. Vogel-Jorgensen. 2,143,395; Jan. 10.
Cement mix. E. W. Scripture, Jr. 2,169,980; Aug. 15.
Cement mixer. J. F. Clemens. 2,159,205; May 23.
Cement mixer. W. D. Owsley. 2,147,053; Feb. 14.
Cement packer. C. H. Hartman, N. E. Dorrington, and H. S. Hangen. 2,173,479; Sept. 19.
Cement, Pipe lining. J. C. Witt. 2,182,714; Dec. 5.
Cement, Plastic resinous. E. F. Kiefer. 2,174,886; Oct. 3.
Cement raw material and similar substances, Method of and apparatus for treating. H. Bussmeyer. 2,157,321; May 9.
Cement slurry in a well bore, Determining the position of. A. L. Armentrout and R. Gudie. 2,171,840; Sept. 5.
Cementing device for well casings. R. C. Baker. 2,153,034; Apr. 4.
Cementing, Multiple stage. W. R. McClendon and W. D. Owsley. 2,155,609; Apr. 25.
Cementing, Multiple stage. R. E. O'Donnell. 2,161,309; June 6.
Cementing process. R. B. Ayer. 2,158,845; May 16.
Cementitious compositions and articles, Process for producing aerated. C. G. F. Cavadino. 2,167,606; July 25.
Cementitious structure, Monolithic. E. B. White. 2,162,872; June 20.
Center feed stamp mill. A. B. Foote. 2,144,799; Jan. 24.
Center finder and indicator for lathes and the like. L. J. Bernhardt. 2,150,577; Mar. 14.
Center for lathes and the like, Revolving. T. Fish. 2,142,639; Jan. 3.
Center iron bearing. W. C. Trout. 2,158,161; May 16.
Center joint. R. R. Robertson. 2,149,467; Mar. 7.
Center plate cushioning device. O. K. Kjolseth. 2,151,603; Mar. 21.
Center spot crowns, Making. J. B. Eisen. 2,150,212; Mar. 14.
Centering device. W. W. Hartman. 2,174,085; Sept. 26.
Centering device. L. Smith. 2,179,602; Nov. 14.
Centering device for drift recording instruments. J. W. Culbertson. 2,170,527; Aug. 22.
Centering device for extruding presses. G. H. Bradley. 2,183,182; Dec. 12.
Centering gauge. H. J. Wepplo. 2,153,444; Apr. 4.
Centering jack. C. R. Proctor. 2,154,182; Apr. 11.
Centering means for drilling machine spindles. G. Möller. 2,166,101; July 11.
Centering tool. J. Y. Blazek. 2,173,530; Sept. 19.
Central heating plant. E. Hallsten. 2,148,351; Feb. 21.
Centrifugal advance mechanism. M. Mallory. 2,167,366; July 25.
Centrifugal apparatus. E. L. Miller and T. A. Bryson. 2,182,159; Dec. 5.
Centrifugal apparatus. E. Roberts. 2,145,633; Jan. 31.
Centrifugal clutch. K. K. Nahigyan and L. V. Andrews. 2,148,243; Feb. 21.
Centrifugal cream separator. H. W. Fawcett. 2,173,579; Sept. 19.
Centrifugal drier. C. M. Garland. 2,178,750; Nov. 7.
Centrifugal machine for homogenizing. H. L. Saylor. 2,180,301; Nov. 14.
Centrifugal method and apparatus therefor. H. B. Cleveland. 2,159,732; May 23.
Centrifugal pump. J. M. Hait. 2,145,597–8; Jan. 31.
Centrifugal pump. W. F. Harlow. 2,166,436; July 18.
Centrifugal pump. D. Llewellyn. 2,163,464; June 20.
Centrifugal pump. A. C. Saxe. 2,175,997; Oct. 10.
Centrifugal pump, Cone type. E. S. Lea. 2,149,921; Mar. 7.
Centrifugal pump, Self-priming. H. E. La Bour. 2,166,358; July 18.
Centrifugal rectification. J. Loumiet y Lavigne. 2,182,566; Dec. 5.
Centrifugal separator. C. R. A. M. Björnstjerna. 2,178,547; Nov. 7.
Centrifugal separator. H. W. Fawcett. 2,173,580–1; Sept. 19.
Centrifugal separator. C. H. Hapgood. 2,160,140; May 30.
Centrifugal separator. L. D. Jones. 2,162,199; June 13.
Centrifugal separator. H. O. Lindgren. 2,152,966; Apr. 4.
Centrifugal separator. H. O. Lindgren. 2,169,263; Aug. 15.
Centrifugal separator. J. V. M. Risberg. 2,174,169; Sept. 26.
Centrifugal separator. G. W. Ruda. 2,144,229; Jan. 17.
Centrifugal separator. L. P. Sharples. 2,147,414; Feb. 14.
Centrifugal separator. P. H. Staaff. 2,177,082; Oct. 24.
Centrifugal separator. P. H. Staaff. 2,178,409; Oct. 31.
Centrifugal separator. J. F. Tholl. 2,176,440; Oct. 17.
Centrifugal separator. M. Vogel-Jorgensen. 2,174,857; Oct. 3.
Centrifugal switch. E. M. Claytor. 2,143,102; Jan. 10.
Centrifugal switch. A. L. Cushman. 2,146,286; Feb. 7.
Centrifugal switch. W. S. Thomas. 2,173,543; Sept. 19.
Centrifugal switch. W. R. Walker. 2,177,759; Oct. 31.
Centrifugal switch. A. F. Welch. 2,149,108; Feb. 28.
Centrifugal switch. C. J. Werner. 2,182,977; Dec. 12.
Centrifuge for chemical reactions. H. Argant, H. Chanay, and G. Robatel. 2,184,033; Dec. 19.

Centrifuge for continuously separating semisolid constitutents. E. A. Forsberg. 2,155,787; Apr. 25.
Centrifuge for separating substances of different specific gravities. H. O. Lindgren. 2,179,941; Nov. 14.
Centrifuge, Spinning. O. Bochmann. Re. 21,290; Dec. 12.
Ceramic articles, Making. R. E. Gould. 2,143,003; Jan. 10.
Ceramic articles, Making. R. E. Gould. 2,173,107; Sept. 19.
Ceramic bodies, Forming lightweight fluid pervious. E. T. Hermann. 2,180,757; Nov. 21.
Ceramic body. A. H. Fessler and H. Navratiel. 2,154,069; Apr. 11.
Ceramic body. L. Navias. 2,153,000; Apr. 4.
Ceramic body and making the same. S. J. McDowell. 2,168,230; Aug. 1.
Ceramic body for spark plug insulators. T. G. McDougal, A. H. Fessler, and H. B. Barlett. 2,177,943; Oct. 31.
Ceramic drill. R. A. Hawn. 2,151,205; Mar. 21.
Ceramic manufacture. H. R. Feichter. 2,156,149; Apr. 25.
Ceramic mold. G. V. McCauley. 2,160,438; May 30.
Ceramic particles, Apparatus for producing sized. E. T. Hermann. 2,172,638; Sept. 12.
Ceramic ware, Decorating. J. Davies. 2,148,340; Feb. 21.
Ceramic ware, Making. F. G. Montgomery. 2,146,309; Feb. 7.
Ceramic ware, Manufacture of. K. Konopicky. 2,184,601; Dec. 26.
Ceramic ware wall structure. B. J. Sweo. 2,177,046; Oct. 24.
Cereal foods, Preparation of. L. A. Dils. 2,185,054; Dec. 26.
Cereal product and making the same. F. A. Collatz. 2,162,376; June 13.
Cereal products, Making. J. L. Kellogg. 2,174,982; Oct. 3.
Cereal products with minerals, Fortifying. F. A. Collatz. 2,166,797; July 18.
Cereals and the like, Preserving. A. A. Ginaca. 2,150,827; Mar. 14.
Cereals, Degradation of. H. F. Bauer and H. F. Gardner. 2,148,525; Feb. 28.
Cereals, Puffing. J. L. Kellogg. 2,181,372; Nov. 28.
Certificate holder. S. W. Bjorkquist. 2,159,547; May 23.
Chaff separator for coffee mills. A. J. Hazle, Jr. 2,144,533; Jan. 17.
Chain: *See*—
Antiskid chain.
Antiskid cross chain.
Carrier or conveyer chain.
Coal cutter chain.
Conveyer chain.
Cutter chain.
Driving chain.
Extension key chain.
Jewelry chain.
Mining machine chain.
Nonskid chain.
Ornamental chain.
Potato digger chain.
Resilient driving chain.
Tire chain.
Traction chain.
Vehicle tire chain.
Vehicle track chain.
Chain. W. Blackmore. 2,151,731; Mar. 28.
Chain. A. Maurer. 2,179,944; Nov. 14.
Chain. J. Waldman. 2,154,224; Apr. 11.
Chain adjuster. C. L. Henry. 2,166,406; July 18.
Chain and link for conveyers, Roller. H. A. McAninch. 2,182,443; Dec. 5.
Chain and runner or ski for motor vehicles, Snow. A. V. Söderström. 2,150,135; Mar. 7.
Chain and sprocket transmission, High speed. B. Welser. 2,162,042; June 13.
Chain applying device. M. Holub. 2,177,279; Oct. 24.
Chain applying device, Tire. H. D. Boycott. 2,159,626; May 23.
Chain applying mechanism, Skid. G. L. Briggs. 2,157,687; May 9.
Chain conveyer. W. H. Robinson and J. E. Anderson. 2,144,547; Jan. 17.
Chain cutting machine for use in mining coal and other minerals, Endless. O. F. Lewis. 2,156,732; May 2.
Chain drive. I. L. Hall. 2,185,079; Dec. 26.
Chain fastener. W. E. Myers and W. F. Schwartz. 2,153,003; Apr. 4.
Chain fastener. I. Nagamatsu. 2,184,814; Dec. 26.
Chain fastener. H. A. Nelson. 2,145,990; Feb. 7.
Chain fastener. J. R. Reyburn. 2,153,002; Apr. 4.
Chain fastener, Traction. M. H. Sundem. 2,162,186; June 13.
Chain for mining machines, Cutter. J. J. Slomer. 2,164,091; June 27.
Chain for tractors, Tire. F. G. Hodell. 2,149,342; Mar. 7.
Chain for tractors, Tire. F. G. Hodell. 2,178,041; Oct. 31.
Chain for vehicles, Tire. P. J. Nagle. 2,171,592; Sept. 5.
Chain-head, Descaling auger. W. D. Osborn. 2,175,406; Oct. 10.
Chain hoist extension jack. F. W. Coffing. 2,145,646; Jan. 31.
Chain holding device. E. W. Henry. 2,165,377; July 11.
Chain link. G. J. Campbell, Jr. 2,178,952; Nov. 7.
Chain link. H. St. Pierre. 2,177,753; Oct. 31.
Chain link, Detachable interconnecting. C. Kalbfell. 2,182,439; Dec. 5.
Chain links, Forming twisted. G. S. Schmidt, Jr. 2,171,995; Sept. 5.
Chain links, Making antiskid tire. J. R. Reyburn. 2,184,127; Dec. 19.
Chain links, Making bushed. C. R. Weiss. 2,155,626; Apr. 25.
Chain looping, Method and apparatus for. F. Slusher. 2,149,150; Feb. 28.
Chain making machine, Antiskid. J. R. Reyburn. 2,148,503; Feb. 28.
Chain, Making welded. E. W. Taylor. 2,144,319; Jan. 17.
Chain or linkage. C. H. Kestenman. 2,143,703; Jan. 10.
Chain repair link. C. F. Reynolds. 2,168,539; Aug. 8.
Chain repair link, Cross. F. B. Hewel. 2,168,029; Aug. 1.
Chain tensioning mechanism. W. P. Wannemacher. 2,145,145; Jan. 24.
Chain unit, Antiskid. H. S. Fritts. 2,161,343; June 6.
Chains and links therefor, Making mining machine. F. L. Fulke. 2,152,139; Mar. 28.
Chair: *See*—
Adjustable reclining chair.
Anchored, adjustable chair.
Baby chair.
Barber's chair.
Beach and lawn chair.
Beauty parlor chair.
Channel chair.
Convertible chair.
Flexible health chair.
Foldable chair.
Folding chair.
Folding step chair.
Invalid chair.
Invalid's bed-chair.
Multistage window chair.
Posture chair.
Reclining chair.
Rocking chair.
Screed chair.
Theater chair.
Wheel chair.
Chair. G. W. Covington. 2,154,606; Apr. 18.
Chair. A. P. de Sanno, Jr. 2,150,429; Mar. 14.
Chair. A. E. Elmore. 2,158,225; May 16.
Chair. H. J. and B. H. Fraune. 2,174,627; Oct. 3.
Chair. H. A. Freedman. 2,161,226; June 6.
Chair. A. A. Mullooly. 2,150,721; Mar. 14.
Chair. F. J. Murdock. 2,182,485; Dec. 5.
Chair. C. E. and O. R. Platter. 2,171,189; Aug. 29.
Chair. C. H. Spicer and L. Lombardi. 2,177,309; Oct. 24.
Chair. J. Stewart. 2,150,297; Mar. 14.
Chair. G. Thornton-Norris. 2,163,505; June 20.
Chair. G. D. Wood. 2,158,453; May 16.
Chair. L. J. Zerbee. 2,163,078; June 20.
Chair and adjustable back support therefor. W. F. Herold. 2,147,439; Feb. 14.
Chair and adjustable table or desk member therefor. R. M. Goldenson. 2,146,137; Feb. 7.
Chair and aligner therefor, Folding. R. G. Geller. 2,174,224; Sept. 26.
Chair and table, Combination. W. S. Tuck. 2,175,979; Oct. 10.
Chair and table, Combined. L. Larsen. 2,162,560; June 13.
Chair and table for infants, Combined. G. B. Hansburg. 2,161,657; June 6.
Chair, armchair, and the like, Nestable. C. J. Boman. 2,146,932; Feb. 14.
Chair back. I. R. Bromagem. 2,179,369; Nov. 7.
Chair base. G. C. Brainard. 2,172,019; Sept. 5.
Chair base. H. W. Sheldrick. 2,168,810; Aug. 8.
Chair bedstead. K. R. Terschmann. 2,163,365; June 20.
Chair bottom. D. A. Monroe. 2,180,690; Nov. 21.
Chair construction. T. W. Foote. 2,169,139; Aug. 8.
Chair for doctors, dentists, hairdresser, and the like. B. Schneider. 2,181,465; Nov. 28.
Chair for use in medical treatment. N. Hara. 2,172,063; Sept. 5.
Chair iron. D. R. Collier and H. W. Sheldrick. 2,184,988–9; Dec. 26.
Chair seat. C. A. Van Derveer. 2,151,628; Mar. 21.
Chair seat, Resilient. M. M. Mayer. 2,149,357; Mar. 7.
Chair, Theater. L. A. Meltzer. Re. 20,963; Jan. 3.
Chairs, Attachment for rocking. J. H. Arends. 2,169,550; Aug. 15.
Chairs, Floor attachment for. W. D. Rich. 2,153,679; Apr. 11.
Chairs, Nesting. V. A. R. Primavera. 2,184,470; Dec. 26.
Chalk holder. H. M. Solheim. 2,179,902; Nov. 14.
Chamber, Counting. C. P. Brown and F. H. Wilson. 2,182,467; Dec. 5.
Chamber for electric gas switches, Quenching. H. Korndörfer. 2,155,276; Apr. 18.
Chamfering machine. J. M. Christman. 2,184,232; Dec. 19.
Chance apparatus. W. L. Wade. 2,178,193; Oct. 31.
Change-speed control. P. L. Tenney and B. Cataline. 2,157,249; May 9.
Change-speed device. U. Pavesi. 2,151,714; Mar. 28.
Change-speed device. L. Robin and M. Van Roggen. 2,162,124; June 13.
Change speed gear. E. Hering. 2,149,020; Feb. 28.
Change speed gear. M. E. L. J. Husson. 2,183,193; Dec. 12.
Change-speed gear. W. Meller. 2,179,827; Nov. 14.
Change speed gear. G. Meyer. 2,151,132; Mar. 21.
Change-speed gear. G. Meyer. 2,181,460; Nov. 28.
Change speed gear, Automatic. C. E. Henriod. 2,155,132; Apr. 18.
Change speed gear, Continuously variable. F. Cavallo. 2,143,120; Jan. 10.
Change speed gear, Epicylic. W. Brown. 2,168,600; Aug. 8.
Change-speed gear, especially for bicycles. E. Baumgartner. 2,165,201; July 11.

Change speed gear for power vehicles. H. Köhl. 2,168,956; Aug. 8.
Change speed mechanism for machine tools. A. L. De Leeuw. 2,169,761; Aug. 15.
Changeable sign. L. H. Dey. 2,169,409; Aug. 15.
Changeable sign. R. A. Gray. 2,158,902; May 16.
Changeable sign. C. R. McGill. 2,163,128; June 20.
Changeable sign. H. E. Stedman. 2,153,850; Apr. 11.
Channel chair. E. A. Podd and F. J. Niven. 2,163,889; June 27.
Channel closing machine. F. E. Bertrand. 2,176,165; Oct. 17.
Channel cutter. J. J. Scanlon. 2,179,732; Nov. 14.
Channel or like sections from strip metal, Rolling. C. V. Smith. 2,150,731; Mar. 14.
Chaplet. H. F. Hohlfelder. 2,176,179; Oct. 17.
Chaplets, Method and apparatus for sorting and setting double-headed. W. H. Watt. 2,170,226; Aug. 22.
Character transmitting system. H. Pflügner and E. Sohn. 2,151,936; Mar. 28.
Characters to molded glass articles, Method and apparatus for fusing. A. G. Rez. 2,162,317; June 13.
Characters, Transmitting. W. Scheppmann and C. Wisspeintner. 2,156,098; Apr. 25.
Charcoal burner. S. C. Holland. 2,179,295; Nov. 7.
Charcoal production apparatus and process. R. Van Anderson. 2,162,991; June 20.
Charge for gas pressure operated blasting devices. J. Taylor. 2,154,221; Apr. 11.
Charge forming device. F. T. Irgens. 2,148,071; Feb. 21.
Charge forming device. W. H. Teeter. 2,155,104; Apr. 18.
Charge forming machine. W. L. McNamara and J. W. Errett. 2,147,307; Feb. 14.
Charge, Preparation of. A. G. Peterkin. 2,166,176; July 18.
Charging control device for batteries. E. W. Breisch. 2,172,815; Sept. 12.
Charging device for internal combustion engines. M. Mallory. 2,182,091; Dec. 5.
Charging machine. H. W. Ball. 2,151,003; Mar. 21.
Charging machine. A. Frick. 2,156,386; May 2.
Charging, Method of. G. S. McCloy. 2,181,853; Nov. 28.
Chart, Baseball. E. H. Ristow. 2,145,664; Jan. 31.
Chart, Educational and identification. J. M. Weitsman. 2,155,851; Apr. 25.
Chart for automatic recording instruments, Recording. E. W. Hoy. 2,156,289; May 2.
Chart for recording instruments. P. G. Exline. 2,153,917; Apr. 11.
Chart for shoe measurements, Record. C. B. Brown. 2,163,661; June 27.
Chart holder, Nonremovable. M. Klein and E. H. Grauel. 2,155,603; Apr. 25.
Chart, Music. H. A. Everson. 2,164,873; July 4.
Chart, Opthalmic. O. P. Bigelow. 2,184,920; Dec. 26.
Charts, Stabilizing means for landing field. L. F. Carter. 2,178,623; Nov. 7.
Chaser. K. W. Reed and H. A. Maurer. 2,150,037; Mar. 7.
Chaser for die heads. C. A. Reimschissel. 2,152,567; Mar. 28.
Chassis for automotive vehicles. B. F. Anderson. 2,176,386; Oct. 17.
Chassis for motor cars. B. V. Barényi. 2,171,904; Sept. 5.
Chassis frame for house trailers. H. H. Bashor. 2,153,058; Apr. 4.
Chassis frame for vehicles. F. Bruss. 2,168,436; Aug. 8.
Chassis of motor-driven vehicles. J. Dauben. 2,165,033; July 4.
Check. S. D. Buster, Jr. 2,174,117; Sept. 26.
Check and check-controlled device. W. K. Schauweker. 2,180,611; Nov. 21.
Check and check-selecting device. W. K. Schauweker. 2,179,023; Nov. 7.
Check book. W. S. Whittlesey. 2,152,449; Mar. 28.
Check endorser, Automatic rotary. W. F. Muller. 2,173,454; Sept. 19.
Check for doors and the like. R. E. Sheehe. 2,158,257; May 16.
Check for drainage ditches, Water. C. G. Payne. 2,157,671; May 9.
Check marking device. R. I. Heller. 2,149,052; Feb. 28.
Check or shield, Sanitary lip. C. H. Norton. 2,142,282; Jan. 3.
Check pad holder. E. A. Haveles. 2,179,694; Nov. 14.
Check-pad holder. E. A. Haveles. 2,183,810; Dec. 19.
Check pad holder. H. R. Mortensen. 2,160,889; June 6.
Check separator. D. C. Rockola. 2,161,091; June 6.
Check sorting machine, Manually controlled. S. Brand and J. N. Wheeler. 2,146,695; Feb. 7.
Check valve. E. E. Lindsey. 2,169,052; Aug. 8.
Check valve. S. T. Williams and R. Rounds. 2,144,952; Jan. 24.
Check writer. L. H. Skeen. 2,142,862; Jan. 3.
Check writing machine. H. C. Welter. 2,180,446; Nov. 21.
Checkerwork. H. Tanner. 2,176,157; Oct. 17.
Checkerwork structure. A. G. McKee. 2,179,666; Nov. 14.
Checking apparatus. A. G. Rose. 2,142,920; Jan. 3.

Cheese and preparing the same, Processed. F. Draisbach. 2,163,778; June 27.
Cheese and product, Plasticizing. C. Doering and W K. Teller. 2,148,544; Feb. 28.
Cheese coating. R. Wood. 2,172,781; Sept. 12.
Cheese, Method and apparatus for forming. T. Petersen. 2,165,005; July 4.
Cheese package. C. H. Parson. 2,155,736; Apr. 25.
Cheese package, Labeled. C. H. Parsons. 2,182,212; Dec. 5.
Cheese, product, and plasticizing agent, Plasticizing. G. L. and W. K. Teller. 2,148,593; Feb. 28.
Cheese product and process of manufacture. E. Lundstedt and J. Taub. 2,160,159; May 30.
Cheese product and process of plasticizing. C. Doering and W. K. Teller. 2,161,401; June 6.
Cheese turning apparatus. G. F. Wenger. 2,179,910; Nov. 14.
Chemical analyses, Device and process for performing. A. C. Seaton. 2,162,978; June 20.
Chemical analysis, Apparatus for. H. M. Jones. 2,148,203; Feb. 21.
Chemical apparatus. W. O. Geyer and H. A. Heyn. 2,163,555; June 20.
Chemical apparatus. W. O. Geyer and C. A. Weller. 2,169,194; Aug. 8.
Chemical compound. P. L. Salzberg. 2,163,104; June 20.
Chemical compounds. W. Brun. 2,175,826; Oct. 10.
Chemical compounds. W. A. Sexton. 2,166,198; July 18.
Chemical compounds and products produced therefrom. C. J. B. Thor. 2,168,374; Aug. 8.
Chemical feeder and sampler. G. Raymond. 2,154,529; Apr. 18.
Chemical heating pad. L. Markel and F. L. Reynolds. 2,153,670; Apr. 11.
Chemical heating pad. F. L. Reynolds. 2,153,676; Apr. 11.
Chemical process. A. S. Carter. 2,161,797–8; June 13.
Chemical process. I. Gubelmann. 2,167,067; July 25.
Chemical process. F. C. Hahn. 2,161,815; June 13.
Chemical process. H. S. Holt. 2,161,625; June 6.
Chemical process. J. H. Shipp. 2,174,534; Oct. 3.
Chemical process. H. G. Tanner. 2,163,768; June 27.
Chemical process and products therefrom. E. W. Spanagel. 2,163,109; June 20.
Chemical processes carried out in the gaseous phase, Endothermic. H. Dreyfus. 2,176,419; Oct. 17.
Chemical pulp, Treatment of. F. F. Frick. 2,149,843; Mar. 7.
Chemical reactions, Apparatus for carrying out. R. L. Shuman. 2,160,177; May 30.
Chemical reactions, Promotion of. E. J. Houdry and R. S. Vose. 2,167,655; Aug. 1.
Chemical treatment of fuel. W. D. Jensen. 2,146,742; Feb. 14.
Chemicals, Apparatus for handling foam. G. Blair. 2,157,520; May 9.
Chemicals, Disabling-gas-producing. D. B. Williams. 2,159,241; May 23.
Chemicals from cellulose waste liquor, Method of and apparatus for recovering. E. J. Janhunen. 2,181,330; Nov. 28.
Cherry pitter head. J. Sanchez. 2,169,375; Aug. 15.
Chest, Cold. M. Banke. 2,164,677; July 4.
Chest, Knock-down. W. T. Green and C. Brenner. 2,160,653; May 30.
Chest, Safety bill handling. R. E. Jackson. 2,170,245; Aug. 22.
Chick box. R. N. Richards. 2,159,451; May 23.
Chick box. L. A. Shoemaker. 2,155,450; Apr. 25.
Chick box. L. A. Shoemaker and A. E. Miller. 2,147,675; Feb. 21.
Chicken splitter. J. J. Hannan. 2,169,951; Aug. 15.
Child's vehicle. B. J. Anderson. 2,174,026; Sept. 26.
Chilling machine. C. Doering. 2,178,781; Nov. 7.
Chime. G. L. Bossard. 2,152,300; Mar. 28.
Chime. G. L. Bossard. 2,177,515; Oct. 24.
Chime construction, Barrel. H. L. Ahrbecker and S S. Battles. 2,146,925; Feb. 14.
Chimney. R. P. Moran. 2,181,338; Nov. 28.
Chimney cap. E. W. Kepple. 2,183,402; Dec. 12.
Chimney connector. A. H. Klein. 2,159,539; May 23.
Chintz, Process for finishing. A. L. Lippert. 2,148,316; Feb. 21.
Chip controller and breaker. N. N. Shepherd. 2,166,826; July 18.
Chisel. N. A. Sheridan. 2,176,228; Oct. 17.
Chisel, Shearing. J. Moray. 2,172,984; Sept. 12.
Chitin xanthate. C. J. B. Thor. 2,168,375; Aug. 8.
Chloride and like compositions, Manufacture of improved rubber. J. W. Raynolds. 2,148,832; Feb. 28.
Chloride and method of processing, Processed rubber. J. W. Raynolds. 2,148,831; Feb. 28.
Chloride and nitric oxide, Catalytic oxidation of nitrosyl. W. C. Klingelhoefer, Jr. 2,159,528; May 23.
Chloride compositions and the like, Manufacture of solvated rubber. J. W. Raynolds. 2,148,833; Feb. 28.
Chlorides and bromides and halohydrin esters, Making unsaturated. C. G. Harford. 2,179,787; Nov. 14.
Chlorides and process, Aromatic aliphatic ether. H. A. Bruson. 2,176,834; Oct. 17.
Chlorides, Cyclohexane sulphonyl. A. L. Fox. 2,174,509; Sept. 26.
Chlorides from solutions of amino acids. Removal of, L. Gerber. 2,178,510; Oct. 31.

Chlorides of higher fatty acids, Preparation of. A. Dierichs. 2,156,177; Apr. 25.
Chlorides, Preparation of alkane sulphonyl. C. F. Reed. 2,174,492; Sept. 26.
Chlorination. H. Bender. 2,170,801; Aug. 29.
Chlorinator. W. C. Blackmond. 2,168,616; Aug. 8.
Chlorinator. H. J. Pardee. 2,151,142; Mar. 21.
Chlorinators, Control means for. H. J. Pardee. 2,151,143; Mar. 21.
Chlorine and bromine derivatives, Manufacturing organic. H. and C. Hunsdiecker, and E. Vogt. 2,176,181; Oct. 17.
Chlorine dioxide manufacture. G. L. Cunningham. 2,172,434; Sept. 12.
Chlorine dioxide, Production of. J. O. Logan. 2,163,793; June 27.
Chlorine monoxide, Preparation of. G. H. Cady. 2,157,524–5; May 9.
Chlorine monoxide, Preparation of. I. E. Muskat and G. H. Cady. 2,155,281; Apr. 18.
Chlorobenzotrifluorides. L. C. Holt and H. W. Daudt. 2,174,513; Oct. 3.
Chlorohydrins, Manufacture of. H. M. Guinot. 2,164,240; June 27.
Chlorophyllian colored matter, Fixation of. V. C. E. Le Gloahec. 2,163,147; June 20.
Chlorotheophylline, Reduction of. F. Comte. 2,142,935; Jan. 3.
Chock, Folding. J. W. Clark. 2,184,487; Dec. 26.
Chocolate, Manufacturing caffeine-containing. A. Rinne. 2,155,148; Apr. 18.
Choke, Automatic. S. F. Hunt. 2,158,424; May 16.
Choke, Bottom hole control. H. U. Garrett. 2,156,429; May 2.
Choke control. J. D. Thompson. 2,179,141; Nov. 7.
Choke control, Automatic. E. E. Moore. 2,152,078; Mar. 28.
Choke control mechanism for carburetors. I. E. Coffey. 2,144,362; Jan. 17.
Choke fitting for steam heat pipes. B. E. Folke. 2,151,656; Mar. 21.
Choke for carburetors, Automatic. C. H. Jorgensen. 2,148,816; Feb. 28.
Choke for shotguns, Adjustable. C. M. Gibson. 2,153,246; Apr. 4.
Chopper, Food. S. Braun. 2,181,780; Nov. 28.
Chopper, Meat. P. Bonapace. 2,183,114; Dec. 12.
Chord engaging device for musical instruments. T. Schmidt. 2,159,677; May 23.
Chromatic device. F. R. Higley. 2,181,184; Nov. 28.
Chromium compounds, Reducing. C. G. Maier. 2,142,694; Jan. 3.
Chromium metallurgy. M. J. Udy. 2,176,688; Oct. 17.
Chromium-nickel steel. F. M. Becket and R. Franks. 2,159,497; May 23.
Chromium plating. F. H. Beall. 2,182,244; Dec. 5.
Chromium plating. M. Brown, A. M. Wagner, and W. Yonkman. 2,172,344; Sept. 12.
Chromium plating. J. R. Mardick. 2,177,392; Oct. 24.
Chromium-titanium-silicon alloy. G. F. Comstock. 2,169,193; Aug. 8.
Chromizing, Method of. H. S. Cooper. 2,157,594; May 9.
Chuck. L. W. Barnes. 2,174,866; Oct. 3.
Chuck. E. E. Davis. 2,177,979; Oct. 31.
Chuck. R. L. Hibbard. 2,145,875; Feb. 7.
Chuck. M. G. Hinnekens. 2,156,089; Apr. 25.
Chuck. L. Imblum. 2,143,010; Jan. 10.
Chuck. W. J. Kolstad. 2,161,300; June 6.
Chuck, A. J. Lewis. 2.154.908; Apr. 18.
Chuck. F. P. Morris. 2,177,326; Oct. 24.
Chuck. C. A. Palmgren. 2,172,070; Sept. 5.
Chuck. C. H. Schurr. 2,183,369; Dec. 12.
Chuck. H. E. Sloan and G. A. Highberg. 2,170,769; Aug. 22.
Chuck, Air. W. C. Monzingo. 2,166,874; July 18.
Chuck and bar feed. O. Kylin. 2,146,583; Feb. 7.
Chuck and reamer, Combined. S. Z. Bonham. 2,154,560; Apr. 18.
Chuck, Angular magnetic. H. E. Tracy. 2,151,362; Mar. 21.
Chuck, Boring. H. F. Brown. 2,177,820; Oct. 31.
Chuck clip. J. C. Crowley. 2,152,375; Mar. 28.
Chuck closing and opening mechanism. J. J. N. Van Hamersveld. 2,180,488; Nov. 21.
Chuck, Crankshaft. W. F. Groene and W. R. Meyer. 2,148,350; Feb. 21.
Chuck, Crankshaft. W. F. Groene and W. R. Meyer. 2,160,967; June 6.
Chuck, Crankshaft. W. F. Groene and W. F. Meyer. 2,184,590; Dec. 26.
Chuck for mine drilling machines. Drill. E. Ronneberg. 2,150,189; Mar. 14.
Chuck jaw, Automatic. C. O. Webster. 2,158,490; May 16.
Chuck mechanism for broaching steel. W. M. Alexander. 2,172,782; Sept. 12.
Chuck or tool holder. L. Scruggs. 2.153.847; Apr. 11.
Chuck, Tap holder. C. W. Johnson. 2,159,162; May 23.
Chuck, Tire-valve. C. L. Eksergian and P. E. Baker. 2,160,414; May 30.
Chucking means. D. H. Montgomery. 2,153,971; Apr. 11.
Chucking means. D. H. Montgomery. 2,159,931; May 23.
Churn. J. H. Sharp. 2,170,280; Aug. 22.
Chute and valve. R. N. Riblet. 2,163,061; June 20.
Chute, Coin. W. A. Tratsch and W. Patzer. 2,151,823; Mar. 28.
Chute, Coin delivery. E. J. Brandt. 2,163,082; June 20.
Chute, Vibratory. K. C. Appleyard and S. D. Pollitt. 2,164,676; July 4.
Christmas tree stand. A. J. and H. H. Schulz. 2,171,228; Aug. 29.
Cigar and cigarette tip, Flexible sheet cellulose. W. I. Scott and L. H. Foster. 2,178,942; Nov. 7.
Cigar and forming the same, Tipped. H. A. Burns. 2,167,170; July 25.
Cigar and mouthpiece therefor. M. Wertheimer. 2,169,310; Aug. 15.
Cigar box, Individual. H. Jacobstein. 2,161,816; June 13.
Cigar bunch shaping machine. J. F. Halstead. 2,157,125; May 9.
Cigar bunch shaping machine. H. H. Wheeler. 2,157,537; May 9.
Cigar capping machine. J. Freud. 2,184,687; Dec. 26.
Cigar machine. J. F. Halstead. 2,156,284; May 2.
Cigar making machine. C. F. Röber. 2,156,922; May 2.
Cigar mold. F. Hochherr. 2,169,839; Aug. 15.
Cigar perforator. W. E. Ibold and J. R. Fornefeld. 2,149,346; Mar. 7.
Cigar tips, Apparatus for forming. R. O. F. Ebert. 2,156,780; May 2.
Cigar tips, Apparatus for forming. C. F. Röber and E. Röthig. 2,169,166; Aug. 8.
Cigarette. R. F. May. 2,150,512; Mar. 14.
Cigarette. M. Todoroff. 2,178,820; Nov. 7.
Cigarette and making the same. H. A. Levey. 2,159,704; May 23.
Cigarette and similar case. E. Hammerling. 2,181,993; Dec. 5.
Cigarette apparatus. W. F. M. Edwards. 2,166,486; July 18.
Cigarette case. F. Spitalny. 2,168,918; Aug. 8.
Cigarette catching mechanism. W. B. Bronander. 2,176,485; Oct. 17.
Cigarette, cigar, and the like. F. Schallgruber. 2,180,370; Nov. 21.
Cigarette dispenser. R. H. Colomy. 2,151,315; Mar. 21.
Cigarette dispenser. A. F. Lambert. 2,159,356; May 23.
Cigarette dispenser. M. Tanzi. 2,169,572; Aug. 15.
Cigarette extinguisher. W. L. Harroun. 2,147,029; Feb. 14.
Cigarette extinguisher. A. R. Pierce, Jr. 2,164,082; June 27.
Cigarette filter. P. P. Onifrey. 2,155,798; Apr. 25.
Cigarette holder. H. Alpen. 2,145,910; Feb. 7.
Cigarette holder. L. J. Jacobson. 2,153,623; Apr. 11.
Cigarette holder. R. N. Kircher. 2,152,195; Mar. 28.
Cigarette holder. J. Lykos and O. H. Beaumont. 2,173,211; Sept. 19.
Cigarette holder. A. T. McWane. 2,170,248; Aug. 22.
Cigarette holder. J. D. Wallace and M. V. Sullenger. 2,148,411; Feb. 21.
Cigarette machine, Pocket. E. Hansen. 2,157,605; May 9.
Cigarette machines with tobacco, Apparatus for charging. L. Repper. 2,166,022; July 11.
Cigarette maker. H. F. Kirkwood. 2,182,698; Dec. 5.
Cigarette making machines, Apparatus for the charging of. L. Repper. 2,157,801; May 9.
Cigarette mouthpiece. G. Davidson. 2,168,474; Aug. 8.
Cigarette or cigar holder. G. Hennings. 2,149,523; Mar. 7.
Cigarette or the like. R. S. Striefling. 2,181,614; Nov. 28.
Cigarette package. J. S. Cromelin. 2,170,322; Aug. 22.
Cigarette package. D. Diamond. 2,175,430; Oct. 10.
Cigarette package. L. A. Schwartz. 2,163,326; June 20.
Cigarette package. G. S. Stratton. 2,158,971; May 16.
Cigarette package. A. G. Woglom. 2,180,753; Nov. 21.
Cigarette rod forming mechanism. C. S. Stephano. 2,163,414; June 20.
Cigarette server. G. L. West. 2,177,010; Oct. 24.
Cigarette tip. C. B. Strauch. 2,171,770; Sept. 5.
Cigarette tipper. J. W. Leary. 2,167,119; July 25.
Cigarette winding machine, Mica. H. W. Webb. 2,178,733; Nov. 7.
Cigarettes and other articles of similar shape, Apparatus for feeding. J. W. Chalmers. 2,159,132; May 23.
Cigarettes and other articles, Packing of. G. D. Horgan. 2,159,158; May 23.
Cigarettes and other articles, Wrapping of. G. D. Horgan. 2,152,302; Mar. 28.
Cigarettes, Conveyance of. C. Best. 2,183.664; Dec. 19.
Cigarettes, Making. E. H. McArdle and L. Roon. 2,149,896; Mar. 7.
Cigarettes, Manufacture of. A. Bingham. 2,150,596; Mar. 14.
Cigarettes, Manufacture of. W. F. M. Edwards. 2,162,424; June 13.
Cigarettes, Manufacture of. W. F. M. Edwards and R. F. May. 2,180,669; Nov. 21.
Cigarettes, Manufacture of. W. E. Molins. 2,152,416; Mar. 28.
Cigarettes, Manufacture of. W. E. Molins. 2,156,600; May 2.
Cigarettes, Manufacture of. D. W. Molins. 2,172,804; Sept. 12.

Cigarettes, Manufacture of. A. Podmore. 2,164,423; July 4.
Cigarettes, Manufacture of. F. F. Ruau and A. Bingham. 2,169,662; Aug. 15.
Cigarettes, Manufacture of filter tip. W. F. M. Edwards. 2,160,201; May 30.
Cinder notch cooler. K. Steinbacher. 2,169,060; Aug. 8.
Cinematograph apparatus. E. W. Hobbs. 2,163,092; June 20.
Cinematograph or like projection surface and making same. G. Kögel. 2,177,572; Oct. 24.
Cinematographic apparatus. A. L. V. C. Debrie. 2,142,606; Jan. 3.
Cinematographic projection apparatus. P. G. Gazes. 2,151,742; Mar. 28.
Cinematography, Apparatus for color. A. Blondel. 2,159,420; May 23.
Cinematography, Natural color. S. B. Hunt. 2,153,564; Apr. 11.
Cinematography of producing fractional density combinations between differing aspects of a scene, Art in. I. M. Terwilliger. 2,173,866; Sept. 26.
Ciphering and deciphering mechanism. R. D. Salmon. 2,156,097; Apr. 25.

Circuit; *See*—
- Amplification control circuit.
- Amplifier circuit.
- Audio amplifier circuit.
- Automatic fading control circuit.
- Automatic frequency control circuit.
- Automatic volume control circuit.
- Band width and tone control circuit.
- Capacitor circuit.
- Cathode ray sweep circuit.
- Cathode ray tube circuit.
- Cathode-ray tube deflecting circuit.
- Composite selector circuit.
- Control circuit.
- Converter harmonic reduction circuit.
- Current impulse generating circuit.
- Deflecting circuit.
- Delayed diode circuit.
- Detector circuit.
- Dynamic expansion circuit.
- Electric circuit.
- Electric control circuit.
- Electric valve circuit.
- Electrical circuit.
- Electrical energy measuring circuit.
- Electrical impulse segregation circuit.
- Electrical measuring circuit.
- Electrical segregation circuit.
- Electron discharge device circuit.
- Frequency control circuit.
- Frequency conversion circuit.
- Frequency tank circuit.
- Gain control circuit.
- Heating circuit.
- Impulse measuring circuit.
- Impulse producing circuit.
- Indicating circuit.
- Light-out protection circuit.
- Linear control circuit.
- Magnetron detector circuit.
- Measuring circuit.
- Metering circuit.
- Modulation circuit.
- Motor circuit.
- Negative impedance circuit
- Neutralizing circuit.
- Noise limiter circuit.
- Noise suppression circuit.
- Oscillation circuit.
- Oscillator circuit.
- Radio receiving circuit.
- Railway track circuit.
- Receiving circuit.
- Receiver control circuit.
- Rectifier circuit.
- Regulator circuit.
- Relay circuit.
- Selector release circuit.
- Short wave communication circuit.
- Stabilized oscillating circuit
- Stabilizing circuit.
- Sweep circuit.
- Telegraph line circuit.
- Telegraphic exchange circuit.
- Telephone conference circuit.
- Television receiver circuit.
- Thermionic valve circuit.
- Transmission circuit.
- Transmitter tube circuit.
- Tube voltmeter circuit.
- Tuned circuit.
- Tuning circuit.
- Tuning indication circuit.
- Tuning indicator circuit.
- Two-tube deflecting circuit.
- Ultra short wave circuit.
- Vacuum tube sweep circuit.
- Valve amplifying circuit
- Valve circuit.
- Vehicle light circuit.
- Voltage doubler circuit.
- Voltage regulating circuit.
- Volume control circuit.
- Wave limiter circuit.
- X-ray filament current metering circuit.

Circuit altering device. A. Hall. 2,177,482; Oct. 24.
Circuit and apparatus, High frequency. N. E. Sowers. 2,157,870; May 9.
Circuit and apparatus, Protective control. J. R. Zwickl. 2,145,909; Feb. 7.
Circuit and series resistance for indirectly heated cathodes. F. Schröter. 2,162,976; June 20.
Circuit, Apparatus for interrupting an electric. F. H. Cole. 2,156,450; May 2.
Circuit apparatus, Low-loss. H. Tunick. 2,169,307; Aug. 15.
Circuit arrangement. C. Travis. 2,153,778; Apr. 11.
Circuit arrangement adapted to equalize working voltage fluctuations in amplifiers. R. Tamm. 2,177,847; Oct. 31.
Circuit arrangement for a variable electric resistance. G. Renatus. 2,144,509; Jan. 17.
Circuit arrangement for facilitating the tuning of radio receiving sets. C. J. Van Loon. 2,144,822; Jan. 24.
Circuit arrangement for protecting electric discharge apparatus systems. K. Etzrodt. 2,151,753; Mar. 28.
Circuit arrangement for recording telephonic communications. R. Milde. 2,147,820; Feb. 21.
Circuit arrangement for reducing transients. A. Alford. 2,159,649; May 23.
Circuit arrangement for telephone systems. G. W. Sutton. 2,157,927; May 9.
Circuit arrangement for television purposes, Rectifier. K. Schlesinger. 2,144,778; Jan. 24.
Circuit arrangement for the control of glow tubes. W. Hähnle. 2,146,818; Feb. 14.
Circuit arrangement, Rectifier. N. H. Clough. 2,176,210; Oct. 17.
Circuit arrangement, Regenerative. W. Kautter. 2,162,470; June 13.
Circuit arrangement, Relaxation. H. O. Rossenstein. 2,153,158; Apr. 4.
Circuit arrangement, Thermionic valve. N. H. Clough. 2,172,730; Sept. 12.
Circuit arrangement, Thermionic valve. G. M. Wright. 2,164,559; July 4.
Circuit breaker. W. T. Allen. 2,158,317; May 16.
Circuit breaker. T. Asanuma. 2,147,512; Feb. 14.
Circuit breaker. W. A. Atwood. 2,169,085; Aug. 8.
Circuit breaker. W. M. Austin. 2,177,014; Oct. 24.
Circuit breaker. H. Ayers. 2,170,584; Aug. 22.
Circuit breaker. B. P. Baker. 2,174,232; Sept. 26.
Circuit breaker. B. P. Baker and L. W. Dyer. 2,184,763; Dec. 26.
Circuit breaker. J. H. Burnside, 2d. 2,162,935; June 20.
Circuit breaker. C. V. Dame. 2,164,388; July 4.
Circuit breaker. H. S. Gano. 2,162,577; June 13.
Circuit breaker. D. Hays. 2,148,295; Feb. 21.
Circuit breaker. J. G. Jackson. 2,177,774–5; Oct. 31.
Circuit breaker. J. G. Jackson and W. T. Allen. 2,156,760–1; May 2.
Circuit breaker. J. G. Jackson and R. Mueller. 2,156,762; May 2.
Circuit breaker. M. L. Jeffrey. 2,181,829; Nov. 28.
Circuit breaker. O. S. Jennings. 2,170,412; Aug. 22.
Circuit breaker. P. Klein and K. Wulsten. 2,162,534; June 13.
Circuit breaker. W. M. Leeds and B. P. Baker. 2,154,515; Apr. 18.
Circuit breaker. G. N. Lemmon. 2,150,102; Mar. 7.
Circuit breaker. M. G. Leonard. 2,169,586; Aug. 15.
Circuit breaker. H. J. Lingal. 2,144,501; Jan. 17.
Circuit breaker. J. B. MacNeil. 2,150,584; Mar. 14.
Circuit breaker. J. B. MacNeill. 2,157,714; May 9.
Circuit breaker. J. B. MacNeill. 2,163,558–9; June 20.
Circuit breaker. G. A. Matthews. 2,167,665; Aug. 1.
Circuit breaker. J. A. Maught. 2,176,770; Oct. 17.
Circuit breaker. G. H. Perryman and P. Schwerin. 2,181,586; Nov. 28.
Circuit breaker. A. J. A. Peterson. 2,150,587; Mar. 14.
Circuit breaker. R. R. Pittman and C. H. Walsh. 2,160,562; May 30.
Circuit breaker. M. H. Rowe. 2,171,866; Sept. 5.
Circuit breaker. R. N. Rowe. 2,150,564; Mar. 14.
Circuit breaker. R. N. Rowe. 2,166,555; July 18.
Circuit breaker. J. Sandin. 2,165,511; July 11.
Circuit breaker. E. H. Taylor. 2,160,236; May 30.
Circuit breaker. R. S. Tusing. 2,175,859; Oct. 10.
Circuit breaker. R. C. Van Sickle and J. M. Cumming. 2,160,630; May 30.
Circuit breaker. F. G. von Hoorn. 2,150,012–3; Mar. 7.
Circuit breaker. F. G. von Hoorn. 2,184,372; Dec. 26.
Circuit breaker. P. Wangemann. 2,145,468; Jan. 31.
Circuit breaker. V. Weber. 2,158,711; May 16.
Circuit breaker. G. E. Whitehead. 2,150,089; Mar. 7.
Circuit breaker. K. Wulsten. 2,144,475; Jan. 17.
Circuit breaker and cut-out, Electric. O. K. Beckler. 2,148,600; Feb. 28.
Circuit breaker assembly, Automatic. J. Sachs. 2,174,669; Oct. 3.
Circuit breaker, Automatic. M. K. Hinde. 2,155,758; Apr. 25.
Circuit breaker, Automatic. J. Sachs. Re. 21,010; Feb. 21.
Circuit breaker, Automatic. J. Sachs. 2,172,684; Sept. 12.
Circuit breaker, Automatic. J. Sachs. 2,182,773; Dec. 5.
Circuit breaker, Automatic auto safety. W. S. Schuyler. 2,171,457; Aug. 29.
Circuit breaker, Automatic reclosing. A. C. Schwager. 2,182,239; Dec. 5.
Circuit breaker contact. C. H. Hill. 2,159,764; May 23.
Circuit breaker control system. H. Bany. 2,152,782; Apr. 4.
Circuit breaker, Electric. A. Haller and H. Thommen. 2,144,372; Jan. 17.
Circuit breaker, Electric. H. A. Hidde Nijland. 2,166,590; July 18.
Circuit breaker, Electric. L. S. Hobson. 2,159,829–30; May 23.
Circuit breaker, Electric. E. B. Merriam. 2,144,542; Jan. 17.
Circuit breaker, Electric. E. B. Merriam. 2,157,911; May 9.
Circuit breaker, Electric. F. Petermichl. 2,152,497; Mar. 28.
Circuit breaker, Electric. D. C. Prince. 2,160,673; May 30.
Circuit breaker, Electric. D. C. Prince. 2,162,588; June 13.
Circuit breaker, Electric. S. Ruppel. 2,152,283; Mar. 28.
Circuit breaker, Electric. P. Wangemann. 2,172,423; Sept. 12.
Circuit breaker Electrical. O. K. Beckler. 2,159,368; May 23.

Circuit breaker, Electrical. O. Maseng. 2,156,861; May 2.
Circuit breaker, Electromagnetic. M. L. Jeffrey. 2,169,477; Aug. 15.
Circuit breaker, Emergency. P. C. McCandless. 2,182,300; Dec. 5.
Circuit breaker for electrically powered vehicles. B. B. Follett. 2,180,871; Nov. 21.
Circuit breaker having butt contacts. G. E. Whitehead. 2,158,920; May 16.
Circuit breaker interlock. T. W. Langford. 2,177,280; Oct. 24.
Circuit breaker mechanism, Timed. I. E. McCabe. 2,158,515; May 16.
Circuit breaker, Multibreak high voltage. C. H. Flurscheim. 2,155,263; Apr. 18.
Circuit breaker, Overload. W. Rexford. 2,144,741; Jan. 24.
Circuit breaker, Reclosing. W. Stäblein, R. Willheim, and W. Uebermuth. 2,145,741; Jan. 31.
Circuit breaker system, Automatic reclosing. R. L. de Loache. 2,154,669; Apr. 18.
Circuit breaker testing arrangement, Synthetic. J. Biermanns. 2,173,706; Sept. 19.
Circuit breaker, Thermal. C. J. Werner. 2,176,191; Oct. 17.
Circuit breaker. Thermally-actuated. F. J. Neece. 2,157,560; May 9.
Circuit breaking device for electrical alarm installations. C. Roth. 2,171,245; Aug. 29.
Circuit closer. W. A. Specht. 2,156,882; May 2.
Circuit closer for knitting machines. M. Wachsman. 2,178,980; Nov. 7.
Circuit closer for knitting machines, Fabric contacting. M. Wachsman. 2,168,755; Aug. 8.
Circuit closer for stoker alarms. P. C. Steinhour. 2,147,220; Feb. 14.
Circuit closer for use in a signaling device for motor vehicles. W. Pitt. 2,167,031; July 25.
Circuit closer, Thermostatic. O. A. Sahlbom. 2,162,974; June 20.
Circuit closing device. W. P. Eads. 2,173,777; Sept. 19.
Circuit closing device. E. B. Parsons. 2,180,607; Nov. 21.
Circuit closing device. L. Weil. 2,179,653; Nov. 14.
Circuit closing means for loom stop mechanism. R. Stewart. 2,156,408; May 2.
Circuit commutating device. J. L. Defandorf and H. E. Hodgson. 2,169,039; Aug. 8.
Circuit connection structure. J. Wertzheiser. 2,175,098; Oct. 3.
Circuit control. R. E. Bressler. 2,173,157; Sept. 19.
Circuit control and current control system. A. B. Rypinski. 2,164,349; July 4.
Circuit control, Automobile. C. H. Angus. 2,143,906; Jan. 17.
Circuit control device. C. W. Moore. 2,170,154; Aug. 22.
Circuit control, Parallel. P. Mathews. 2,158,880; May 16.
Circuit controlled by light cells, Electric. T. J. Nunan. 2,142,254; Jan. 3.
Circuit controller. C. Stansbury. 2,182,241; Dec. 5.
Circuit controlling apparatus, Synchronous. M. R. Miller. 2,157,858; May 9.
Circuit controlling device. C. W. Kuhn. 2,158,824; May 16.
Circuit controlling device. R. G. Lockett. 2,164,037; June 27.
Circuit controlling device. H. F. Obergfell. Re. 21,200; Sept. 5.
Circuit controlling device. H. F. Obergfell. 2,184,101; Dec. 19.
Circuit controlling device. J. Sandin. 2,178,083; Oct. 31.
Circuit controlling device, Electric. J. Duggan. 2,156,722; May 2.
Circuit controlling system. T. F. Pike. 2,183,775; Dec. 19.
Circuit controlling system. E. W. Seeger and G. C. Brown. 2,164,087; June 27.
Circuit detector network, Degenerative plate. P. O. Farnham. 2,167,024; July 25.
Circuit for amplitude modulation carrier wave. R. Urtel. 2,171,151; Aug. 29.
Circuit for cathode ray tubes, Starting. J. Günther. 2,155,486; Apr. 25.
Circuit for communication systems, Electrical. P. R. Bennet. 2,174,456; Sept. 26.
Circuit for electrical relays, Control. P. H. Crago. 2,162,911; June 20.
Circuit for gaseous electric discharge devices. R. C. Kelting. 2,152,998; Apr. 4.
Circuit for gaseous electric discharge devices, Starting and operating. M. A. Babb. 2,155,816; Apr. 25.
Circuit for railroads, Track. N. D. Preston. 2,169,286; Aug. 15.
Circuit for railroads, Track. N. D. Preston and O. S. Field. 2,169,285; Aug. 15.
Circuit for shaft positioning system, Control. R. E. Samuelson. 2,145,895; Feb. 7.
Circuit for signal transmitting and receiving apparatus, Control. A. A. Collins. 2,150,362; Mar. 14.
Circuit for telephone switchboards, Supervisory. R. P. Boyer, Jr. 2,184,268; Dec. 26.
Circuit for television systems, High voltage supply. R. B. Dome. 2,179,447–8; Nov. 7.
Circuit for unilaterally conducting devices, Energizing. W. F. Westendorp. 2,156,074; Apr. 25.
Circuit for ultra high frequency amplifiers, Resonant. J. Evans. 2,156,261; May 2.
Circuit independent of frequency, Coupling. H. Bähring. 2,172,150; Sept. 5.
Circuit interrupter. B. P. Baker. 2,147,419; Feb. 14.
Circuit interrupter. F. Koppelmann, W. Kaufmann, and F. Kesselring. Re. 20,962; Jan. 3.
Circuit interrupter. G. N. Lemmon. 2,166,782; July 18.
Circuit interrupter. G. N. Lemmon. 2,172,143; Sept. 5.
Circuit interrupter. G. F. McMahon and A. Ramsey. 2,183,751; Dec. 19.
Circuit interrupter. J. M. Sandin. 2,154,703; Apr. 18.
Circuit interrupter. J. Sandin. 2,160,681; May 30.
Circuit interrupter. S. T. Schofield. 2,154,533; Apr. 18.
Circuit interrupter. W. M. Scott, Jr. 2,150,566; Mar. 14.
Circuit interrupter. T. G. A. Sillers. 2,178,110; Oct. 31.
Circuit interrupter. L. R. Smith. 2,185,039; Dec. 26.
Circuit interrupter. J. M. Wallace. 2,184,760; Dec. 26.
Circuit interrupter. K. Wulsten. 2,150,307; Mar. 14.
Circuit interrupter, Alternating current. F. L. Stone. 2,166,828; July 18.
Circuit interrupter, Electric. R. Auerbach and H. Burmeister. 2,157,883; May 9.
Circuit interrupter, Electric. K. Bauerschmidt. 2,162,569; June 13.
Circuit interrupter, Electric. F. Brann. 2,145,706; Jan. 31.
Circuit interrupter, Electric. H. Burmeister. 2,169,871; Aug. 15.
Circuit interrupter, Electric. I. E. Coffey. 2,166,901; July 18.
Circuit interrupter, Electric. W. D. Crocker. 2,150,206; Mar. 14.
Circuit interrupter, Electric. V. Grosse. 2,142,840; Jan. 3.
Circuit interrupter, Electric. W. Hopp. 2,180,147; Nov. 14.
Circuit interrupter, Electric. K. Ishiwata. 2,151,551; Mar. 21.
Circuit interrupter, Electric. P. Nowak. 2,142,860; Jan. 3.
Circuit interrupter, Electric. P. Nowak, C. Tobis, and H. Hofmeier. 2,157,832; May 9.
Circuit interrupter, Electric. D. C. Prince. 2,146,685; Feb. 7.
Circuit interrupter, Electric. D. C. Prince and P. Bartlett. 2,147,497; Feb. 14.
Circuit interrupter, Electric. D. S. Rivers. 2,147,754; Feb. 21.
Circuit interrupter, Electric. H. Schuhmann. 2,142,861; Jan. 3.
Circuit interrupter, Electric. W. F. Skeats. 2,146,656; Feb. 7.
Circuit interrupter, Fusible. M. B. Wood. 2,168,815; Aug. 8.
Circuit interrupter, High voltage electric. E. J. Frank. 2,164,175; June 27.
Circuit interrupter, Surge-protected. R. R. Pittman and C. H. Walsh. 2,170,337; Aug. 22.
Circuit interrupting device. S. T. Schofield and J. H. Frakes. 2,172,225; Sept. 5.
Circuit make and break device. C. Larcamp. 2,181,374; Nov. 28.
Circuit make and break device, Synchronous. W. E. Palmer. 2,181,283; Nov. 28.
Circuit maker, Blast discharge controlling. G. C. Nelms. 2,179,052; Nov. 7.
Circuit opening device, Automatic. W. J. and J. H. Bradley. 2,146,498; Feb. 7.
Circuit recorder, Call. F. G. Hallden. 2,182,339; Dec. 5.
Circuit, Selective radio. W. J. Polydoroff. Re. 21,281; Nov. 28.
Circuit selector, Automatic. R. F. Kneisley. 2,157,417; May 9.
Circuit system, Coupled. O. M. Dunning and C. T. Jacobs. 2,170,048; Aug. 22.
Circuit using a multigrid photoelectric cell, Modulation. G. Schubert. 2,172,324; Sept. 5.
Circuits, Amplification control. T. M. Shrader. 2,171,637; Sept. 5.
Circuits and high frequency repeaters, High frequency bridge. A. Alford. 2,147,809; Feb. 21.
Circuits and systems, Relay timing. R. E. Marbury. 2,182,637; Dec. 5.
Circuits, Apparatus for shunting of track. H. A. Thompson. 2,156,710; May 2.
Circuits, Arrangement for coupling high frequency. A. Gothe, H. O. Roosenstein, and L. Walter. 2,155,652; Apr. 25.
Circuits, Arrangement for varying the band width in high-frequency. W. Mennerich, O. Siepke, and A. Schaaf. 2,177,835; Oct. 31.
Circuits, Automatic fidelity control. R. A. Braden. 2,153,738; Apr. 11.
Circuits, Automatic fidelity control. R. A. Braden. 2,154,061; Apr. 11.
Circuits, Automatic frequency control. W. F. Ewald, K. Wilhelm, H. Pitsch, and O. Tüxen. 2,171,649; Sept. 5.

Circuits, Automatic frequency control. L. R. Kirkwood. 2,173,907; Sept. 26.
Circuits, Automatic frequency control. W. B. Wilkens. 2,147,509; Feb. 14.
Circuits, Automatic gain control. J. D. Brailsford. 2,162,878; June 20.
Circuits, Automatic protective controller for electric. R. W. Cousins. 2,147,012; Feb. 14.
Circuits, Automatic release welding. R. N. Stoddard. 2,147,468; Feb. 14.
Circuits, Automatic selectivity control. W. van B. Roberts. 2,179,956; Nov. 14.
Circuits, Automatic volume control. H. A. Broos. 2,171,645; Sept. 5.
Circuits, Automatic volume control. P. F. G. Holst. 2,144,920; Jan. 24.
Circuits, Automatic volume control. C. N. Kimball. 2,153,760; Apr. 11.
Circuits, Automatic volume control. W. R. Koch. 2,144,224; Jan. 17.
Circuits, Automatic volume control. W. V. Roberts. 2,144,935; Jan. 24.
Circuits, Band filter. B. D. H. Tellegen. 2,151,813; Mar. 28.
Circuits, Cathode ray deflecting. A. V. Bedford. 2,179,607; Nov. 14.
Circuits, Cathode ray sweep. F. R. Norton. 2,180,364; Nov. 21.
Circuits, Cathode ray tube. R. C. Ballard. 2,173,221; Sept. 19.
Circuits, Cathode ray tube control. R. Urtel and R. Andrieu. 2,153,655; Apr. 11.
Circuits, Concentric line tuned. J. W. Conklin. 2,181,871; Dec. 5.
Circuits, Control for electric. E. D. Lilja. 2,153,195; Apr. 4.
Circuits, Controlling electric. K. E. Schimkus. 2,163,709; June 27.
Circuits, Controlling electric. K. E. Schimkus and W. Dumke. 2,163,708; June 27.
Circuits, Coupling. T. P. Kinn. 2,165,058; July 4.
Circuits, Coupling. F. A. Leibe. 2,178,453; Oct. 31.
Circuits, Crystal-stabilized resonating. L. Kamenarovic. 2,154,849; Apr. 18.
Circuits, Deflecting. W. A. Tolson. 2,183,340; Dec. 12.
Circuits, Deflecting. A. W. Vance. 2,149,077; Feb. 28.
Circuits, Delayed automatic gain control. R. L. Hollingsworth. 2,144,221; Jan. 17.
Circuits, Device for controlling electric. L. J. De Lanty. 2,170,964; Aug. 29.
Circuits, Direct current amplifier. R. Gürtler. 2,153,752; Apr. 11.
Circuits, Electric discharge device. L. A. Hyland. 2,156,534; May 2.
Circuits, Electric valve. B. D. Bedford. 2,155,251; Apr. 18.
Circuits, Electric valve. B. D. Bedford. 2,156,959; May 2.
Circuits, Electrical. J. Plebanski. 2,174,166; Sept. 26.
Circuits, Electrical oscillatory. H. Jacobs. 2,167,512; July 25.
Circuits, Electron beam deflection. G. B. Banks. 2,170,847; Aug. 29.
Circuits, Electron tube. K. W. Jarvis and R. M. Blair. 2,151,771; Mar. 28.
Circuits, Electron tube. P. M. G. Toulon 2,172,859; Sept. 12.
Circuits, Electroresponsive. W. E. Birchard. 2,167,473; July 25.
Circuits, Electroresponsive. W. W. Kuyper. 2,148,301; Feb. 21.
Circuits, Filter. N. M. Rust. 2,154,076; Apr. 11.
Circuits for carrier wave receivers, Automatic frequency control. R. I. Kinross. 2,173,301; Sept. 19.
Circuits for cathode ray tubes, Safety. M. W. Baldwin, Jr. 2,165,025; July 4.
Circuits for discharge tubes. C. J. R. H. von Wedel. 2,178,011; Oct. 31.
Circuits for more nearly perfect sound reproduction. R. J. Rockwell. 2,171,048; Aug. 29.
Circuits for reducing the effect of shunt capacity or reactance introduced by circuit elements, Electric. A. D. Blumlein. 2,149,331; Mar. 7.
Circuits for the amplification of electric oscillation. J. van der Mark and G. de Vries. 2,173,910; Sept. 26.
Circuits, Frequency conversion. R. L. Miller. 2,159,595–7; May 23.
Circuits, Frequency modulation. C. W. Hansell. 2,179,182; Nov. 7.
Circuits, Gain control. R. R. Blair. 2,178,333; Oct. 31.
Circuits, Gain control. R. R. Blair. 2,179,915; Nov. 14.
Circuits, Gain control. R. W. Chesnut. 2,143,407; Jan. 10.
Circuits, Gain control. R. W. Chesnut. 2,154,062; Apr. 11.
Circuits, Gain control. I. G. Wilson. 2,144,865; Jan. 24.
Circuits, High-frequency radio amplifying. W. J. Polydoroff. 2,158,251; May 16.
Circuits, High frequency tank. J. W. Conklin and R. Serrell. 2,159,782; May 23.
Circuits, High frequency tuned amplifier. B. D. H. Tellegen and C. J. van Loon. 2,155,025; Apr. 18.
Circuits, Ignition starter. H. Klemperer. 2,182,633; Dec. 5.
Circuits, Illuminating. M. A. Edwards and B. D. Bedford. 2,170,450; Aug. 22.
Circuits, Indicating and measuring. L. Schott. 2,152,709; Apr. 4.
Circuits, Interlocking. O. H. Schade. 2,144,344; Jan. 17.
Circuits, Interlocking. O. H. Schade. 2,152,328; Mar. 28.
Circuits, Low-loss. H. Tunick. 2,169,305; Aug. 15.
Circuits, Magnetically tuned high frequency. R. L. Harvey. 2,180,413; Nov. 21.
Circuits, Method of and apparatus for controlling electrical. W. E. Reed. 2,146,652; Feb. 7.
Circuits, Method of and means for coupling two high frequency. W. V. Roberts. 2,175,363; Oct. 10.
Circuits, Noise reduction. O. Tüxen. 2,173,925; Sept. 26.
Circuits, Noise suppression. K. R. Sturley. 2,179,966; Nov. 14.
Circuits, Protective. W. J. Poch. 2,178,764; Nov. 7.
Circuits, Radio. A. Mavrogenis. 2,165,714; July 11.
Circuits, Radio-amplifying. W. J. Polydoroff. Re. 21,282; Nov. 28.
Circuits, Radio receiving. G. K. Barger and S. Hansen. 2,178,552; Nov. 7.
Circuits, Receiver gain control. K. Hagenhaus. 2,179,928; Nov. 14.
Circuits, Receiver noise quieting. K. Steimel. 2,159,753; May 23.
Circuits, Superheterodyne receiving. B. D. H. Tellegen. 2,151,814; Mar. 28.
Circuits, Sweep. F. R. Norton. 2,180,365; Nov. 21.
Circuits, Switch control. C. M. Hines. 2,156,691; May 2.
Circuits, Television synchronizing. R. Andrieu. 2,175,335; Oct. 10.
Circuits, Thermionic amplifier. W. S. Percival. 2,151,795; Mar. 28.
Circuits, Thermionic valve. E. L. C. White. 2,178,012; Oct. 31.
Circuits, Thermionic valve. A. J. Young. 2,172,746; Sept. 12.
Circuits, Thermionic valve amplifier. W. S. Percival. 2,173,914; Sept. 26.
Circuits, Thermionic, valve and other electric. A. D. Blumlein. 2,176,200; Oct. 17.
Circuits, Timing. C. S. Knowlton. 2,156,630; May 2.
Circuits, Transmission. H. Nyquist. 2,164,752; July 4.
Circuits, Tuning electric oscillatory. G. Guanella. 2,182,377; Dec. 5.
Circuits, Variable band-pass filter. J. J. Lamb. 2,156,786; May 2.
Circuits, wave form modifying. M. Geiger. 2,178,340; Oct. 31.
Circuits, Wave transmission. W. van B. Roberts. 2,184,400; Dec. 26.
Circular knitting machine. A. Neuhauss. 2,157,300; May 9.
Circular loom. I. Baumgarten. 2,168,385; Aug. 8.
Circular loom. F. C. Hale. 2,145,302; Jan. 31.
Circular loom. J. Jabouley. 2,154,903; Apr. 18.
Circular warp loom. E. Hiller. 2,166,494; July 18.
Circulating head, Wire line rotatable. J. F. Bozeman. 2,164,606; July 4.
Circulating heater. M. P. Youker. 2,151,290; Mar. 21.
Circulating spray bar. E. Walker. 2,153,356; Apr. 4.
Circulation control means. H. S. Wheller. 2,153,604; Apr. 11.
Circulation medium for well casings, Safety. R. C. Baker. 2,178,845; Nov. 7.
Circulation system for wood pulp digesters. E. Morterud. 2,179,796; Nov. 14.
Clamp: *See*—

Band clamp.
Battery clamp.
Battery terminal clamp.
Battery terminal connection clamp.
C clamp.
Cable clamp.
Cloth clamp.
Clothesline clamp.
Compensating blade clamp.
Cover clamp.
Cycle saddle clamp.
Dead end clamp.
Electrode clamp.
Fishing line clamp.
Form clamp.
Form tie clamp.
Furniture clamp.
Garment clamp.
Ground-wire clamp.
Handle attaching clamp.
Hose clamp.
Insulator clamp.
Internal motor cleaner.
Line clamp.
Manifold tie rod clamp.
Multiple clamp.
Neckband clamp.
Pipe aligning clamp.
Pipe joint clamp.
Polish rod clamp.
Pressing machine clamp.
Protector clamp.
Repair clamp.
Roller spring alignment clamp.
Roofing clamp.
Rope clamp.
Scaffolding clamp.
Shoe clamp.
Shoe heel clamp.
Tap clamp.
Terminal clamp.
Tire chain clamp.
Toggle clamp.
Tow and push clamp.
Venetian blind clamp.
Windshield cleaner.
Wiper casing clamp.
Wire clamp.
Wire line clamp.

Clamp. W. W. Barcy. 2,175,453; Oct. 10.
Clamp. G. E. Barozzi. 2,159,776; May 23.
Clamp. D. L. Farmer. 2,168,257; Aug. 1.
Clamp. R. R. Frederick. 2,153,748; Apr. 11.
Clamp. S. G. Green. 2,143,005; Jan. 10.
Clamp. M. Hefftner. 2,146,575; Feb. 7.
Clamp. B. G. Moreland. 2,144,164; Jan. 17.
Clamp. J. W. Nelson. 2,157,345; May 9.
Clamp. L. Robillard. 2,156,195; Apr. 25.

Clamp. O. F. Tallman. 2,164,094; June 27.
Clamp. B. A. Tetzlaff. 2,183,175; Dec. 12.
Clamp and adjustable drill guide, Combination bone. J. R. Siebrandt. 2,181,746; Nov. 28.
Clamp and connecter, Wire. E. T. Hagist and E. G. Johansson. 2,147,160; Feb. 14.
Clamp and cutter means for reinforcing yarns. E. Peloquin. 2,184,503; Dec. 26.
Clamp and drill jig. Y. Sekella. 2,169,328; Aug. 15.
Clamp and making the same, Battery hold-down. G. R. Harrison. 2,170,325; Aug. 22.
Clamp applying means, Hose. G. L. McKee. 2,150,234; Mar. 14.
Clamp assembly for a cylinder of a printing press, Expansible plate. A. Cooper. 2,181,846; Nov. 28.
Clamp connection. W. G. O. Stieber. 2,184,855; Dec. 26.
Clamp for a lamp. L. Weinreb. 2,185,164; Dec. 26.
Clamp for bell and spigot joints. E. R. Torgler. 2,171,997; Sept. 5.
Clamp for concrete wall forms. C. Pilj. 2,164,592; July 4.
Clamp for conduits, Flange. P. Timm. 2,178,819; Nov. 7.
Clamp for dental flasks. F. S. Trusler. 2,180,375; Nov. 21.
Clamp for grounding electrical equipment. W. T. Kahliff. 2,183,680; Dec. 19.
Clamp for hair curlers. F. Pisciotta. 2,172,033; Sept. 5.
Clamp for hosiery drying forms. H. F. Wanamaker. 2,154,369; Apr. 11.
Clamp for multigraph machine drums, Slug. L. K. Fyler. 2,147,433; Feb. 14.
Clamp for printing machines, Plate. G. M. Keller and W. F. Huck. 2,179,508; Nov. 14.
Clamp for track lubricators, Supporting. S. E. Bates. 2,168,554; Aug. 8.
Clamp for vulcanizing patches. M. E. Hill. 2,163,876; June 27.
Clamp grommet. H. V. Rau. 2,143,087; Jan. 10.
Clamp or holder for high intensity motion picture machine, Negative carbon. F. A. De Nol. 2,182,490; Dec. 5.
Clamping device. H. D. Ayer. 2,145,504; Jan. 31.
Clamping device. H. W. Batcheller. 2,144,140; Jan. 17.
Clamping device. T. G. A. Sillers and J. H. Michael. 2,169,481; Aug. 15.
Clamping device. L. T. Stringfield. 2,144,204; Jan. 17.
Clamping device for charts for recording instruments. C. W. Bristol. 2,155,817; Apr. 25.
Clamping device for multiple spindle machines, Hand operated. R. Eckardt. 2,178,115; Oct. 31.
Clamping device, Paper. W. H. Sinclair. 2,156,404; May 2.
Clamping means for copy holders. J. J. Callin and E. Shantz. 2,183,276; Dec. 12.
Clamping mechanism. J. N. Matthews. 2,176,915; Oct. 24.
Clamping mechanism for electric arc furnace electrodes. W. H. Payne. 2,148,834; Feb. 28.
Clamping mechanism for sewing machines, Work. M. J. Kenny. 2,144,763; Jan. 24.
Clamps, Applying pipe joint. C. E. Norton. 2,163,261; June 20.
Clamshell and other bucket gear. G. M. Rust. 2,172,891; Sept. 12.
Clarification plant for physically clarifying sewage. H. P. L. Bendel. 2,177,167; Oct. 24.
Clarifying apparatus. W. B. Marshall. 2,168,264; Aug. 1.
Clarinet. J. W. Haynes. 2,164,110; June 27.
Clarinet. G. De Marco. 2,171,624; Sept. 5.
Clarinet, Boehm system. O. E. Christensen. 2,182,198; Dec. 5.
Clarinet, Boehm system. O. E. Christensen. 2,183,423; Dec. 12.
Clasp. E. C. H. Barnette. 2,142,775; Jan. 3.
Clasp. G. A. Quetin. 2,159,709; May 23.
Clasp. C. R. Tost. 2,153,818; Apr. 11.
Clasp. J. A. Vaughan. 2,153,853; Apr. 11.
Clasp. O. J. Ward. 2,160,569; May 30.
Clasp. P. L. Wood. 2,162,466; June 13.
Clasp and shirt brace, Combination collar. F. C. O'Keefe. 2,184,055; Dec. 19.
Clasp brake arrangement. R. G. Aurien. 2,148,363; Feb. 21.
Clasp brake arrangement. W. H. Baselt. 2,145,578; Jan. 31.
Clasp, Collar. L. Madison. 2,162,959; June 20.
Clasp, Extensible bracelet. J. Dalo. 2,150,318; Mar. 14.
Clasp for bracelets and the like, End. A. H. Levesque. 2,148,629; Feb. 28.
Clasp for bracelets, wrist watches, waist girdles, etc. E. O. Schlesinger. 2,148,585; Feb. 28.
Clasp for garment supporters. J. R. Parker. 2,151,867; Mar. 28.
Clasp for golf bags. F. H. Borm. 2,143,644; Jan. 10.
Clasp for hair ornaments. S. F. Kayn and D. D. Whyte. 2,152,313; Mar. 28.
Clasp for wrist-watch straps, Safety. C. Duerr. 1,148,263; Feb. 21.
Clasp, Garment. H. Guillod. 2,154,329; Apr. 11.
Clasp, Garment. E. E. Norton. 2,163,053; June 20.
Clasp, Garment. W. E. Olmstead. 2,163,623; June 27.
Clasp, Hair curl. R. Bacon. 2,163,824; June 27.
Clasp, Hook. A. P. Ryan and J. Skwarski. 2,184,434; Dec. 26.
Clasp, Necktie. L. B. Peters. 2,172,849; Sept. 12.
Clasp or connecter, Terminal. C. H. Kestenman. 2,143,702; Jan. 10.
Clasp or coupling device for bracelets, chains, necklaces, and the like. A. H. Levesque. 2,180,534; Nov. 21.
Clasp, Safety. N. B. Winkler. 2,181,222; Nov. 28.
Classification. A. C. Daman. 2,174,553; Oct. 3.
Classification. H. L. McNeill. 2,163,285; June 20.
Classification system. W. B. Foulke. 2,150,918; Mar. 21.
Classification system. F. E. Smith. 2,150,946; Mar. 21.
Classification system for pulverized materials. H. Hardinge. 2,174,630; Oct. 3.
Classifier. C. J. Schifferle. 2,171,674; Sept. 5.
Classifier, Mechanical. R. J. Hall. 2,172,792; Sept. 12.
Clay, Acid treatment of. L. R. Cambron and W. C. Tucker, Jr. 2,147,783; Feb. 21.
Clay and producing same, Adsorbent. W. S. Baylis and W. Kelley. 2,180,576; Nov. 21.
Clay, Apparatus for surface treatment of green. E. B. Jones. 2,146,957; Feb. 14.
Clay gels, Increasing the strength of lentonitic. W. B. Hirschmann. 2,167,455; July 25.
Clay, Method of and apparatus for blunging. S. C. Lyons. 2,173,975; Sept. 26.
Clay or the like, Method and apparatus for blunging and decolorizing. S. C. Lyons. 2,154,948; Apr. 18.
Clay product and preparing same. W. T. Maloney. 2,158,987; May 16.
Clay products, Making. F. B. Hobart. 2,171,290; Aug. 29.
Clay, Reactivation of. G. H. von Fuchs. 2,162,202; June 13.
Clay, Refining. S. C. Lyons. 2,147,774; Feb. 21.
Clay, Refining. S. C. Lyons. 2,180,742; Nov. 21.
Clay working machine. F. M. Kinnard. 2,167,386; July 25.
Clays, Activating. J. W. Weir. 2,174,610; Oct. 3.
Cleaner: *See*—
Air cleaner.
Base cleaner.
Boiler flue cleaner.
Bur cleaner.
Ceiling and wall cleaner.
Comb cleaner.
Conduit cleaner.
Drain cleaner.
Dust mop cleaner.
Electric cleaner.
Electrostatic cleaner.
Eraser cleaner.
Fitting cleaner.
Flue cleaner.
Fluid cleaner.
Glass cleaner.
Monitor cleaner.
Mop cleaner.
Oil tank cleaner.
Peanut cleaner.
Perforation cleaner.
Pipe cleaner.
Pneumatic cleaner.
Rake cleaner.
Seed cleaner.
Shower pipe cleaner.
Slub catcher or yarn cleaner.
Strainer cleaner.
Suction cleaner.
Thread cleaner.
Traveling cleaner.
Tube and pipe cleaner.
Tube cleaner.
Vacuum cleaner.
Well cleaner.
Window cleaner.
Windshield and window cleaner.
Windshield cleaner.
Cleaner and carpet sweeper, Air-method electric. D. B. Replogle. 2,175,640; Oct. 10.
Cleaner and grader, Seed. F. O. Taylor. 2,150,298; Mar. 14.
Cleaner and holder, Electric razor. C. E. Key. 2,184,645; Dec. 26.
Cleaner and pulley, Clothesline. K. Olsen. 2,177,115; Oct. 24.
Cleaner and silencer assembly, Carburetor air. H. G. Kamrath. 2,170,902; Aug. 29.
Cleaner antechamber type, Air-method. D. B. Replogle. 2,175,645; Oct. 10.
Cleaner antechamber type, Air-method. D. B. Replogle. 2,175,647; Oct. 10.
Cleaner construction, Suction. E. F. Martinet. 2,146,152; Feb. 7.
Cleaner construction, Vacuum. C. A. Brock. 2,171,843; Sept. 5.
Cleaner coupling, Vacuum. L. F. Ell. 2,146,252; Feb. 7.
Cleaner display device, Vacuum. A. L. McCarthy. 2,169,655; Aug. 15.
Cleaner for bag printing machines, Suction. H. Carll. 2,152,027; Mar. 28.
Cleaner for carding bar teeth. S. C. Markley. 2,160,703; May 30.
Cleaner for oil wells, Paraffin. C. A. and L. M. Still. 2,179,475; Nov. 7.
Cleaner for sewers and flues, Rotary. M. J. Sullivan. 2,169,543; Aug. 15.
Cleaner for stovepipe drum ovens, Soot. G. H. Swearingen. 2,163,358; June 20.
Cleaner for trenching machines. V. S. Penote. 2,165,299; July 11.
Cleaner for vacuum brakes, Air. A. Lippert. 2,172,710; Sept. 12.
Cleaner or scraper, Compensating pipe or sewer. G. I. McFarland. 2,157,421; May 9.
Cleaning and apparatus therefor, Dry. W. T. Reddish. 2,158,614; May 16.
Cleaning and bleaching composition. W. Reuss and F. H. von und zu Guttenberg. 2,164,146; June 27.
Cleaning and degreasing system. H. E. Somes. 2,180,126; Nov. 14.
Cleaning and polishing device. L. A. Tyler. 2,159,719; May 23.
Cleaning and sweeping machine, Suction. W. J. Frame and J. J. Hambidge. 2,166,863; July 18.

Cleaning apparatus. C. O. Brownfield. 2,156,370; May 2.
Cleaning apparatus. J. D. Kelly. 2,177,987; Oct. 31.
Cleaning apparatus. D. V. Nelson. 2,159,176; May 23.
Cleaning apparatus. F. M. Spayd. 2,169,620; Aug. 15.
Cleaning apparatus. C. H. Vidal. 2,168,692; Aug. 8.
Cleaning apparatus. W. B. Walker. 2,183,758; Dec. 19.
Cleaning apparatus, Dry. J. P. Jorgenson. 2,144,157; Jan. 17.
Cleaning composition. F. L. Bishop, Jr. 2,179,004; Nov. 7.
Cleaning composition. G. R. Ensminger. 2,168,024; Aug. 1.
Cleaning device. P. L. Binz. 2,178,198; Oct. 31.
Cleaning device. R. C. Epstein. 2,147,769; Feb. 21.
Cleaning device. A. Goulet. 2,176,069; Oct. 17.
Cleaning device. A. A. Nu-Dell. 2,175,157; Oct. 3.
Cleaning device. S. P. Vaughn. 2,163,638; June 27.
Cleaning device for glass-washing machines. J. D. Markwood. 2,150,511; Mar. 14.
Cleaning device for winding machines and the like. G. B. McCallum. 2,144,767–8; Jan. 24.
Cleaning, Dry. A. E. Hatfield. 2,150,031; Mar. 7.
Cleaning implement, Vacuum. E. W. Powell. 2,146,268; Feb. 7.
Cleaning machine. A. Y. Dodge. 2,173,603; Sept. 19.
Cleaning machine. G. Gunn, Jr. 2,168,770; Aug. 8.
Cleaning machine, Air exhausting and cotton. J. E. Mitchell. 2,166,925; July 18.
Cleaning method and appliance for coffee-brewing percolator vessels. L. L. Kime. 2,143,780; Jan. 10.
Cleaning, sweeping, and floor polishing system, Air-method. D. B. Replogle. 2,175,644; Oct. 10.
Cleanser and sterilizer for milk and cream containers. E. J. Suddarth. 2,144,468; Jan. 17.
Cleanser, Water-softening. B. O. Crites. 2,142,180; Jan. 3.
Clearance adjuster for brakes. G. L. Smith. 2,165,076; July 4.
Clearing device for beer dispensing systems. W. G. Doh. 2,171,142; Aug. 29.
Cleat. R. H. Hagerty. 2,163,089; June 20.
Clench tube for safeguarding scaffold workers. F. A. Voigt. 2,172,094; Sept. 5.
Clevis. D. R. Hager. 2,178,170; Oct. 31.
Clevis, Insulator. M. W. Wertman. 2,154,881; Apr. 18.
Clevis, Insulator. M. W. Wertman. 2,177,816; Oct. 31.
Climate cabinet. E. Homberger. 2,184,644; Dec. 26.
Climber for skis. J. P. Russell. 2,150,988; Mar. 21.
Clinker cooler. C. N. Windecker. 2,153,112; Apr. 4.
Clinker removing device. W. Gaughrin. 2,142,441; Jan. 3.

Clip: *See*—
Anchor rail clip.
Battery testing clip.
Bead trim retainer clip.
Brooch and dress clip.
Card-holding clip.
Chuck clip.
Clothesline clip.
Corsage clip.
Curl clip.
Film clip.
Floor clip.
Garment holding clip.
Garment holding clip.
Hair clip.
Insigne insert clip.
Magnet clip.
Marker and fastening clip.
Ornamental clip.
Paper clip.
Pencil clip.
Reentrant clip.
Roofing clip.
Self-locking retaining clip.
Ski clip.
Spring clip.
Spring wire clip.
Strap holding and guiding clip.
Supporter clip.
Tenter clip.
Terminal clip.
Tie clip.
Upholstery clip.
Windshield wiper clip.
Wrench clip.
Writing instrument clip.

Clip. N. Donohue. 2,166,344; July 18.
Clip. F. G. Hitchcock. 2,143,440; Jan. 10.
Clip. A. Mouw. 2,183,843; Dec. 19.
Clip. W. R. Wiley. 2,142,429; Jan. 3.
Clip. W. R. Wiley. 2,148,847–8; Feb. 28.
Clip. W. R. Wiley. 2,179,582; Nov. 14.
Clip and curler, Hair. F. Fuscaldo, and A. Parks. 2,149,215; Feb. 28.
Clip and installation thereof, Bumper. J. A. Bumpus and C. S. Christiansen. 2,167,263; July 25.
Clip and mirror, Illuminated watch. S. J. Goldin. 2,167,109; July 25.
Clip and signal, Line release. P. C. Nicholson. 2,170,594; Aug. 22.
Clip applying tool, Paper. H. Skrebba. 2,156,743; May 2.
Clip assembly. J. Fielding. 2,161,668; June 6.
Clip attaching device. G. J. Baetzhold and J. C. Molyneux. 2,176,116; Oct. 17.
Clip-attaching device. G. A. Woodruff. 2,158,168; May 16.
Clip device, Spring. J. H. Van Uum. 2,147,779; Feb. 21.
Clip device, Spring. J. H. Van Uum. 2,148,091; Feb. 21.
Clip device, Spring. J. H. Van Uum. 2,173,524; Sept. 19.
Clip for applying sheathing to metallic members, Self-tightening. G. G. Greulich. 2,162,303; June 13.
Clip for cables or the like, Fastening. H. W. Kost. 2,154,046; Apr. 11.
Clip for electric lighting fixtures, Hold-down. G. E. Oremus. 2,163,350; June 20.
Clip for keys, Identification. C. Carrington. 2,173,752; Sept. 19.
Clip for match and cigarette packages, Connecting. F. M. Sprague. 2,156,318; May 2.
Clip for mounting cables and like objects. H. G. Lombard. 2,166,916; July 18.
Clip for paper-back lath. H. H. Eades. 2,151,904; Mar. 28.
Clip for use in radios and other devices, Spring holding. K. E. B. Stenberg. 2,154,537; Apr. 18.
Clip for wallboards. H. H. Burson. 2,173,094; Sept. 19.
Clip for windshield wipers. M. Zaiger. 2,153,225; Apr. 4.
Clip forming and clamping machine. I. Lukasiewicz. 2,160,781; May 30.
Clip forming and closing machine, Wire. W. A. Harrison. 2,147,976; Feb. 21.
Clip pin. H. C. Hooks. 2,185,082; Dec. 26.
Clip retaining device for bead trim, Spring. J. H. Van Uum. 2,156,669; May 2.
Clip serving for junction of a cock to a water conduit, Derivation. C. Frey. 2,146,336; Feb. 7.
Clipper, Electric hair. J. S. Ryan. 2,184,781. Dec. 26.
Clipper. R. E. Pierce. 2,151,438; Mar. 21.
Clipper, Hair. J. A. Hanley. 2,151,965; Mar. 28.
Clipper, Hair. A. E. Jensen. 2,146,298; Feb. 7.
Clipper, Hair. O. J. Looper. 2,174,130; Sept. 26.
Clipper, Hair. V. Lougheed. 2,178,669; Nov. 7.
Clipper, Hair. J. Oster. 2,182,597; Dec. 5.
Clipper, Hedge and lawn. B. H. Kaplan. 2,161,357; June 6.
Clipper, Nail. P. H. Smith. 2,179,435; Nov. 7.
Clipping device. I. Stein. Re. 20,192; Aug. 29.
Clock. E. F. Farrens. 2,180,627; Nov. 21.
Clock. A. W. Fowler. 2,176,870; Oct. 24.
Clock. R. L. Tweedale. 2,145,018; Jan. 24.
Clock. A. N. Woodruff. 2,143,814; Jan. 10.
Clock. M. McLelland and C. P. de Jonge. 2,158,586; May 16.
Clock. J. J., G. J., and A. J. Paris. 2,150,036; Mar. 7.
Clock, Alarm. H. Junghans. 2,170,079; Aug. 22.
Clock, Alarm. A. B. Reichenbach. 2,147,318; Feb. 14.
Clock, Alternating-current direct-current. F. Conrad. 2,183,062; Dec. 12.
Clock, Automatic time switch. A. Martin. 2,171,370; Aug. 29.
Clock, Automobile. R. H. Whitehead and J. F. Langebein. 2,164,976; July 4.
Clock, Communication. W. Naecker and C. Giles. 2,173,853; Sept. 26.
Clock, Control. J. B. Schroeder. 2,174,331; Sept. 26.
Clock, Cyclometer. N. G. Horwitt. 2,157,540; May 9.
Clock-driven indicator. F. Alderman. 2,170,743; Aug. 22.
Clock, Electric. W. S. F. Brown and A. J. Tennison. 2,152,529; Mar. 28.
Clock, Electric. C. F. Minneker. 2,150,516; Mar. 14.
Clock, Electric. R. H. Whitehead. 2,143,293; Jan. 10.
Clock, Electric. R. H. Whitehead. 2,178,446; Oct. 31
Clock, Electrically operated. T. C. Adams. 2,169,208; Aug. 15.
Clock escapement, Synchronized. J. W. and W. L. Hansen and I. N. Hurst. 2,184,668; Dec. 26.
Clock, Illuminated. R. G. Regester. 2,167,463; July 25.
Clock mechanism, Electric. J. W. Hobbs. 2,146,119; Feb. 7.
Clock mechanism, Time. K. L. Dynes. 2,145,083; Jan. 24.
Clock mechanism, Time. J. H. Grayson. 2,145,082; Jan. 24.
Clock, Mirror. W. I. Ketterson. 2,169,099; Aug. 8.
Clock, Motored. A. G. Jarry. 2,169,647; Aug. 15.
Clock movement, Electric. F. R. Butherus. 2,146,499; Feb. 7.
Clock, Program. A. J. Roger. 2,173,373; Sept. 19.
Clock, Radio. M. D. York. 2,178,946; Nov. 7.
Clock, so-called mysterious small clock. C. H. H. Rodanet. 2,153,004; Apr. 4.
Clock, Sports. R. Steeneck and R. F. Dirkes. 2,176,438; Oct. 17.
Clock, Synchronized escapement. H. E. Warren. 2,158,888; May 16.
Clock system. R. H. Dicke. 2,151,317; Mar. 21.
Clock with a rotating advertising disk. H. Grass. 2,146,138; Feb. 7.
Clock with attachment. J. Gorrien. 2,162,166; June 13.
Clock, World time. V. O. Jacobs. 2,144,922; Jan. 24.
Clocks, Controlling pendulum. H. Junghans. 2,158,723; May 16.
Clocks, Striking mechanism for. J. J. Claves. 2,146,711; Feb. 14.
Clockwork, Pendulum. H. Junghans. 2,179,411; Nov. 7.
Clockworks of toy vehicles, Device for winding up spring-driven. E. Horn. 2,160,738; May 30.
Clog, Bathroom. A. Grossman and J. Gilbert. 2,176,570; Oct. 17.
Closer for wire rope or stranding machines. W. E. Somerville. 2,179,304; Nov. 7.
Closet evacuator, Water. R. C. Boyd. 2,155,751; Apr. 25.
Closet structure. G. Brain. 2,156,108; Apr. 25.
Closets in two parts, Method of and mold for casting vitreous. C. W. Laschenski. 2,175,730; Oct. 10.
Closing and checking unit. F. C. Garrison. 2,158,417; May 16.
Closing device for belt fasteners. C. Matthaei. 2,168,168; Aug. 1.

Closing device for receptables. A. E. Lamarthe. 2,142,904; Jan. 3.
Closing structure. W. Kurth. 2,182,051; Dec. 5.
Closure. G. Aukland. 2,180,787; Nov. 21.
Closure. G. B. Duffield. 2,183,488; Dec. 12.
Closure. T. M. Hill. 2,151,383; Mar. 21.
Closure. A. F. Hulse. 2,178,964; Nov. 7.
Closure. I. Lieber. 2,150,627; Mar. 14.
Closure. C. R. Lundgren. 2,162,092; June 13.
Closure. G. D. Stough. 2,176,367; Oct. 17.
Closure. F. G. Thwaits. 2,154,545; Apr. 18.
Closure. C. E. Voke. 2,168,297; Aug. 1.
Closure. C. E. Voke. 2,177,758; Oct. 31.
Closure. A. Wagner. 2,174,906; Oct. 3.
Closure. S. I. Wilbur. 2,155,574; Apr. 25.
Closure and comb wiper, Combined bottle. A. Pitar and O. Dahloff. 2,157,432; May 9.
Closure and container. E. M. Enkur. 2,156,585; May 2.
Closure and container, Tamperproof. A. Schauer. 2,162,754; June 20.
Closure and dispensing device, Combined. E. P. Edwards. 2,164,314–15; July 4.
Closure and locking device for kit bags, cash bags, and the like. H. Davis. 2,166,860; July 18.
Closure and making, Receptacle. A. L. Merolle. 2,146,587; Feb. 7.
Closure and making, Receptacle. A. L. Merolle. 2,178,285; Oct. 31.
Closure and making same, Container. H. V. Owens. 2,183,691; Dec. 19.
Closure and manufacture thereof, Receptacle. A. L. Merolle. 2,148,169; Feb. 21.
Closure and sealing device for metal container openings. L. B. Wackman. 2,147,325; Feb. 14.
Closure applying apparatus. C. F. Schmidt. 2,152,571; Mar. 28.
Closure applying machine, Container. L. J. Madden. 2,177,990; Oct. 31.
Closure applying machine. A. I. Risser. 2,180,836; Nov. 21.
Closure assembly apparatus. R. R. Clark. 2,184,280; Dec. 26.
Closure attachment for containers. R. H. Pershall. 2,154,581; Apr. 18.
Closure base for floral display globes, Fluid-sealing. E. A. Bender. 2,174,771; Oct. 3.
Closure, Bottle. F. J. Davis. 2,148,440; Feb. 28.
Closure cap. L. E. Ames. 2,154,118; Apr. 11.
Closure cap. D. A. Sprigings. 2,178,085; Oct. 31.
Closure cap. L. A. Von Till. 2,168,594; Aug. 8.
Closure cap. W. P. White. 2,158,683; May 16.
Closure cap, Nonremovable. M. Dougherty. 2,171,974; Sept. 5.
Closure, Collapsible tube. T. F. Thompson. 2,179,906; Nov. 14.
Closure, Collapsible tube. J. and E. W. Dieckmann, and H. Lodde. 2,146,423; Feb. 7.
Closure controlling device. B. F. Stannard. 2,164,358; July 4.
Closure device. D. Freedman. 2,144,755; Jan. 24.
Closure device. F. L. Hanle. 2,145,689; Jan. 31.
Closure device. J. H. Jones. 2,144,982; Jan. 24.
Closure device. D. M. Ross. 2,157,218; May 9.
Closure device. C. W. Shaw. 2,145,739; Jan. 31.
Closure device for a tubular member adapted for displaying advertising matter. J. C. Dunn. 2,157,750; May 9.
Closure device for collapsible tubes. E. Isler. 2,183,912; Dec. 19.
Closure device for collapsible tubes and the like. J. Pari. 2,179,423; Nov. 7.
Closure device for containers. L. E. Daugherty, Jr. 2,156,111; Apr. 25.
Closure device for tubes. T. Ruetz. 2,177,335; Oct. 24.
Closure, Dispensing. H. H. Martin. 2,181,335; Nov. 28.
Closure, Dispensing. S. C. Waite. 2,142,293; Jan. 3.
Closure, Dispensing container. E. Frank. 2,162,999; June 20.
Closure, Door and hatch. A. B. Court, G. H. Copenhaver, and J. Flodin. 2,179,495; Nov. 14.
Closure element for canisters and like vessels. T. H. Bradbury. 2,156,837; May 2.
Closure element for top opening refrigerators. C. O. Williamson and R. H. Money. 2,142,469; Jan. 3.
Closure, Elevator. O. F. Shepard. 2,175,323; Oct. 10.
Closure fastener. C. H. King. 2,165,896; July 11.
Closure fastener. T. I. Moseley. 2,148,050; Feb. 21.
Closure fastener for containers. E. P. Linch. 2,169,448; Aug. 15.
Closure fastening device. G. R. Green. 2,154,001; Apr. 11.
Closure for axle housings, End. C. A. Brotherton. 2,176,291; Oct. 17.
Closure for axle housings, End. W. P. Cox. 2,142,632; Jan. 3.
Closure for axle housings, End. W. P. Cox. 2,176,294; Oct. 17.
Closure for bottles and jars and making the same. H. R. Eccleston. 2,181,179; Nov. 28.
Closure for bottles and the like. T. Schröder-Nielsen. 2,161,097; June 6.
Closure for bottles of paper and other materials. A. A. Murison. 2,144,194; Jan. 17.
Closure for coal cars. H. Kundert. 2,167,306; July 25.
Closure for collapsible containers. S. K. Skoblin. 2,149,795; Mar. 7.
Closure for collapsible tubes. E. C. Fink. 2,168,822; Aug. 8.
Closure for collapsible tubes. J. L. Hudson. 2,181,430; Nov. 28.
Closure for collapsible tubes. E. Isler. 2,159,161; May 23.
Closure for collapsible tubes. G. W. Parvis. 2,155,202; Apr. 18.
Closure for collapsible tubes. H. R. Schroeder. 2,146,993; Feb. 14.
Closure for concrete mixing drums. J. P. Faber. 2,184,251; Dec. 19.
Closure for containers. D. W. Des Roches. 2,147,768; Feb. 21.
Closure for containers. H. N. Falk. 2,148,196; Feb. 21.
Closure for containers. S. J. Hellman. 2,144,880; Jan. 24.
Closure for containers. R. S. Skinner, 2,148,041; Feb. 21.
Closure for containers. R. E. L. Warburton. 2,147,565; Feb. 14.
Closure for containers, Measuring. E. B. and C. H. Duell. 2,162,068; June 13.
Closure for containers, Resilient. W. F. Smith. 2,176,513; Oct. 17.
Closure for containers, Sealing. A. F. Burkardt. 2,176,057; Oct. 17.
Closure for containers, Tamperproof. A. Schauer. 2,162,753; June 20.
Closure for dry cells. P. Drummond. 2,179,816; Nov. 14.
Closure for dispensers. A. F. Loewe. 2,169,779; Aug. 15.
Closure for envelopes. V. C. Ross. 2,163,916; June 27.
Closure for filling tubes of tanks, Safety. F. A. Edwards and H. L. Patnaude. 2,145,212; Jan. 24.
Closure for mixing drums, End. F. O'Reilly. 2,157,731; May 9.
Closure for receptacles. C. S. Baron. 2,158,923; May 16.
Closure for receptacles. P. M. Thorn. 2,152,225; Mar. 28.
Closure for squeeze tubes. R. M. Hobson and E. Shotton. 2,171,700; Sept. 5.
Closure for toilet bowls, Clean-out. B. F. Webb. 2,167,597; July 25.
Closure frame member. E. R. Gunter. 2,144,406; Jan. 17.
Closure, Hingedly mounted. J. Visser. 2,145,674; Jan. 31.
Closure holding device, Automatic. A. J. Williams. 2,145,001; Jan. 24.
Closure inspecting device. 2,174,007; Sept. 26.
Closure, Inspection door and like. J. F. G. Chobert. 2,153,073; Apr. 4.
Closure, jointly operated, for flexible articles, Double. P. Buff and J. E. Thebaud. 2,178,885; Nov. 7.
Closure lock. A. E. Fohn. 2,163,752; June 27.
Closure, Locked pipe. A. Lewis. 2,179,045; Nov. 7.
Closure means. J. Visser. 2,161,770; June 6.
Closure means for a film magazine and arrangement for operating the same. H. N. Fairbanks. 2,143,769; Jan. 10.
Closure means for containers. C. H. Brinton. 2,142,992; Jan. 10.
Closure means for paper cups. H. Gold. 2,153,041; Apr. 4.
Closure means for receptacles. V. E. Cornell. 2,152,634; Apr. 4.
Closure means for tubes and the like. I. Evensen. 2,142,636; Jan. 3.
Closure mechanism. J. Muller. 2,175,302; Oct. 10.
Closure member for electric discharge tubes and the like. R. M. Bowie. 2,178,826; Nov. 7.
Closure mounting, Swinging. F. A. Guth. 2,162,381; June 13.
Closure operator. A. J. Poteet. 2,159,861; May 23.
Closure, Paste tube. M. Guidry. 2,172,099; Sept. 5.
Closure, Receptacle. L. R. N. Carvalho. 2,181,799; Nov. 28.
Closure, Receptacle. H. G. Gansz. 2,153,245; Apr. 4.
Closure, Ring seal. A. J. Chamberlain. 2,174,378; Sept. 26.
Closure, Screw. J. E. Sharp. 2,142,380; Jan. 3.
Closure structure for windows and doors, Knock-down. R. W. Lotz. 2,159,666; May 23.
Closure structure with spraying device. P. W. Thayer. 2,180,565; Nov. 21.
Closure, Supplemental protective. W. N. Booth. 2,170,110; Aug. 22.
Closure, Tamperproof. J. Hamberger. 2,162,711; June 20.
Closure, Tamperproof. J. Hamberger and A. Schauer. 2,162,713; June 20.
Closure, Tamperproof. A. Schauer. 2,162,752; June 20.
Closure, Tube. J. R. Kent. 2,147,164; Feb. 14.
Closure, Unitary bottle. M. M. Kistner. 2,148,864; Feb. 28.
Closure, Valve controlled bottle. F. D. Gould. 2,142,644; Jan. 3.
Closures, Apparatus for forming metal. J. J. Williams and J. P. Heil. 2,147,804; Feb. 21.
Closures, Apparatus for manufacturing metallic. J. J. Williams and J. Bauman. 2,147,566; Feb. 14.
Closures, Making. R. R. Clark. 2,184,281; Dec. 26.

Closures, Making garment. L. Markin. 2,155,795; Apr. 25.
Closures to receptacles, Method and apparatus for applying. L. R. N. Carvalho and C. F. Schmidt. 2,152,534; Mar. 28.
Cloth. A. Steinberg. 2,151,448; Mar. 21.
Cloth and holder, Bath. R. R. Griffith. 2,172,676; Sept. 12.
Cloth and producing the same. T. Wolff. 2,146,664; Feb. 7.
Cloth clamp. D. Sigmond. 2,168,752; Aug. 8.
Cloth-cutting machine. W. Bangser. 2,156,798; May 2.
Cloth-cutting machine. S. Segal. 2,171,604; Sept. 5.
Cloth finishes, Fixing. H. I. and L. Jones. 2,171,475; Aug. 29.
Cloth finishing. P. A. Sperry. 2,170,579; Aug. 22.
Cloth-folding machine. F. M. Collier and L. J. Lumpkin, Jr. 2,152,399; Mar. 28.
Cloth for fulling, Preparing. R. E. Derby. 2,176,706; Oct. 17.
Cloth, Framed pastry. E. S. Gandrud. 2,183,767; Dec. 19.
Cloth guiding device. C. G. Richardson. 2,157,920; May 9.
Cloth, Laminated. H. W. Klinger. 2,170,416; Aug. 22.
Cloth laying machine. M. Breth. 2,175,823; Oct. 10.
Cloth laying machine. I. Krassner. 2,148,375; Feb. 21.
Cloth laying machine. K. N. Smith. 2,180,072; Nov. 14.
Cloth, Method of and apparatus for printing. F. Bromley. 2,175,051; Oct. 3.
Cloth shearing machine. C. G. Richardson. 2,173,613; Sept. 19.
Cloth tentering mechanism for looms. A. E. Benson. 2,177,514; Oct. 24.
Cloth, Treating lens cleaning. A. Panissidi. 2,166,570; July 18.
Cloth washer. E. Backup. 2,145,019; Jan. 24.
Clothes, Apparatus and method for washing and drying. G. N. Wright. 2,159,114; May 23.
Clothes, Apparatus for washing. P. E. Geldhof. 2,173,715; Sept 19.
Clothes drier. E. A. Illig. 2,166,592; July 18.
Clothes drier. J. W. Jensen. 2,156,784; May 2.
Clothes drier. M. E. Kalks. 2,179,216; Nov. 7.
Clothes drier, Rotating. R. J. Jenks. 2,159,436; May 23.
Clothes drying frame. H. H. French. 2,157,822; May 9.
Clothes drying rack. N. L. Poole. 2,147,172; Feb. 14.
Clothes feeding device. I. F. Woodrow. 2,177,397; Oct. 24.
Clothes hanger. R. Bernhardt. 2,150,484; Mar. 14.
Clothes hanger. G. L. Hendrix. 2,149,674; Mar. 7.
Clothes hanger. C. Loveless. 2,145,120; Jan. 24.
Clothes hanger. P. W. Olson. 2,168,361; Aug. 8.
Clothesline. T. J. Darlington. 2,144,963; Jan. 24.
Clothesline and pulley. D. Eckleberry. 2,181,878; Dec. 5.
Clothesline clamp, Safety. A. Yagich. 2,148,004; Feb. 21.
Clothesline clip. W. S. Bennett. 2,147,731; Feb. 21.
Clothesline covering device. J. Tarlazzi. 2,166,649; July 18.
Clothesline extension. F. Cavuoti. 2,150,820; Mar. 14.
Clothesline fastener. F. J. Doherty. 2,161,461; June 6.
Clothesline fastening device. E. P. Ashcroft. 2,161,499; June 6.
Clothesline holder. A. U. Gretter. 2,152,547; Mar. 28.
Clothesline or other article, Device for supporting a. C. O. Larson. 2,179,096; Nov. 7.
Clothesline reel. W. J. Cutshall. 2,181,226; Nov. 28.
Clothesline reel. H. A. Lofgren and V. Celmer. 2,168,675; Aug. 8.
Clothesline reel. H. A. Lovegran. 2,181,141; Nov. 28.
Clothesline reel, Spring-action. C. Motkowicz and J. Podgorny. 2,170,459; Aug. 22.
Clothesline support. O. O. Johnson. 2,176,501; Oct. 17.
Clothesline support. T. S. Wilber. 2,164,437; July 4.
Clothesline tightener. O. A. Huberty. 2,169,530; Aug. 15.
Clothes manipulating tool. V. S. Brown. 2,152,530; Mar. 28.
Clothespin. D. De Amario. 2,173,010; Sept. 12.
Clothespin. D. W. Hilderbrant. 2,158,937; May 16.
Clothespin. A. Kraynick. 2,150,686; Mar. 14.
Clothespin. G. W. Kusman. 2,153,045; Apr. 4.
Clothespin. J. E. Lemoine. 2,170,204; Aug. 22.
Clothes pin. M. V. Robbins. 2,158,592; May 16.
Clothespin. H. K. Schultz and W. F. Speagle. 2,153,486; Apr. 4.
Clothespin. W. W. Vander Clute. 2,183,730; Dec. 19.
Clothespin. R. E. Winkler. 2,162,045; June 13.
Clothespin bag. C. S. Hedquist. 2,160,658; May 30.
Clothes pressing machine. I. Burnstein. 2,160,013; May 30.
Clothesrack, Collapsible. A. R. and R. L. Swanson. 2,155,742; Apr. 25.
Clothes washer. W. A. Frantz and J. J. McCabe. 2,143,730; Jan. 10.
Clothing bag. N. Waterman. 2,172,424; Sept. 12.
Clothing, Cutting. C. Kaplan. 2,151,703; Mar. 28.
Clothing, Method and means for use in fitting. E. J. McGrath, Jr. 2,159,035; May 23.
Clothing or washable undergarments, Device for articles of. J. Donner. 2,151,652; Mar. 21.

Clutch: *See*—
- Automatic clutch.
- Automatic control clutch.
- Automatic frictional clutch.
- Automatic hydraulic clutch.
- Automobile clutch.
- Centrifugal clutch.
- Friction and positive clutch.
- Friction clutch.
- Fluid pressure clutch.
- Hydraulic clutch.
- Lagging clutch.
- One-way clutch.
- Overload clutch.
- Overload release clutch.
- Overrunning clutch.
- Plate clutch.
- Press clutch.
- Self-aligning clutch.
- Synchronizing clutch.
- Torque controlled clutch.
- Transmission clutch.
- Vacuum power clutch.
- Window regulator clutch.

Clutch. R. Beringer. 2,171,908; Sept. 5.
Clutch. W. L. Clouse. 2,143,861; Jan. 17.
Clutch. F. A. Cole. 2,143,300; Jan. 10.
Clutch. L. O. Cox. 2,143,121; Jan. 10.
Clutch. H. J. Dunkelow. 2,174,317; Sept. 26.
Clutch. H. J. Dunkelow. 2,180,403; Nov. 21.
Clutch. C. M. Eason. 2,162,071; June 13.
Clutch. C. M. Eason. 2,177,362; Oct. 24.
Clutch. C. M. Eason. 2,184,506; Dec. 26.
Clutch. H. W. Fies. 2,172,503; Sept. 12.
Clutch. T. R. Glenney. 2,174,240; Sept. 26.
Clutch. E. R. Hart. 2,180,412; Nov. 21.
Clutch. O. I. Judelshon. 2,183,401; Dec. 12.
Clutch. R. E. Keller. 2,158,544; May 16.
Clutch. H. T. Kraft. 2,180,086; Nov. 14.
Clutch. E. R. Maurer. 2,179,945; Nov. 14.
Clutch. A. Moorhouse. 2,154,212; Apr. 11.
Clutch. C. A. Neracher. 2,162,784; June 20.
Clutch. C. A. Neracher and A. J. Syrovy. 2,182,385; Dec. 5.
Clutch. T. W. Pallister and H. W. Leman. 2,158,677; May 16.
Clutch. J. V. O. Palm. 2,163,152; June 20.
Clutch. K. K. Probst. 2,182,387; Dec. 5.
Clutch. O. B. Rufus. 2,156,030; Apr. 25.
Clutch. C. B. Spase. 2,184,005; Dec. 19.
Clutch. S. O. Stageberg. 2,144,089; Jan. 17.
Clutch. J. F. Standish and L. S. Macdonald. 2,178,616; Nov. 7.
Clutch. C. G. Strandlund. 2,156,362; May 2.
Clutch. E. V. J. Tower. 2,163,991; June 27.
Clutch. G. Z. von Manteuffel. 2,161,732; June 6.
Clutch. E. A. Wales. 2,165,670; July 11.
Clutch. E. E. Wemp. Re. 20,989; Jan. 24.
Clutch. E. E. Wemp. 2,145,381; Jan. 31.
Clutch. W. S. Wolfram. 2,146,044; Feb. 7.
Clutch. W. S. Wolfram. 2,162,873; June 20.
Clutch. W. S. Wolfram. 2,183,000; Dec. 12.
Clutch. J. Wolkoff. 2,179,837; Nov. 14.
Clutch. R. C. Zeidler. 2,171,385; Aug. 29.
Clutch actuating device. W. W. Foster. 2,163,028; June 20.
Clutch and brake. R. E. Harwood and G. E. Munschauer. 2,159,326; May 23.
Clutch and brake control mechanism. W. R. Freeman, B. Dick, and W. F. Boldt. 2,167,501; July 25.
Clutch and brake control mechanism. R. S. Sanford. 2,148,280; Feb. 21.
Clutch and brake control, Power. H. W. Price, O. Capra, and E. R. Price. 2,152,087; Mar. 28.
Clutch and brake device, Combined. H. J. Siekmann. 2,148,326; Feb. 21.
Clutch and brake for presses, Combined. R. E. Wissman. 2,180,218; Nov. 14.
Clutch and brake mechanism, Hoist. C. M. Eason. 2,175,382–3; Oct. 10.
Clutch and motor control for duplicating machines. F. R. Ford. 2,174,207; Sept. 26.
Clutch and operating means therefor, Power-transmitting. O. U. Zerk and D. R. Vanneman. 2,169,333; Aug. 15.
Clutch and power transmission. H. T. Avery and H. M. Dustin. 2,162,238; June 13.
Clutch and power transmission device, Hydraulic. F. J. G. Henry. 2,182,049; Dec. 5.
Clutch and reduction mechanism, Hydraulic. J. T. Murphy. 2,178,804; Nov. 7.
Clutch and transmission control, Combined. E. S. Bush. 2,155,470; Apr. 25.
Clutch and transmission, Hydraulic. C. N. Mitchell. 2,183,403; Dec. 12.
Clutch and transmission, Hydraulic turbine. I. C. Popper. 2,179,518; Nov. 14.
Clutch and transmission mechanism, Motor. J. Feerick and W. R. Smyth. 2,174,259; Sept. 26.
Clutch and turbo-torque converter, Fluid. B. H. England. 2,162,803; June 20.
Clutch assembly, Hydraulic. A. Kuhns. 2,156,785; May 2.
Clutch chatter eliminator. W. R. Freeman and W. F. Boldt. 2,161,670; June 6.
Clutch construction. R. C. Zeidler. 2,163,971; June 27.
Clutch control. A. Ahler. 2,149,262; Mar. 7.
Clutch control. V. W. Kliesrath. 2,144,022; Jan. 17.
Clutch control. V. W. Kliesrath. 2,152,061; Mar. 28.
Clutch control. V. W. Kliesrath. 2,170,905; Aug. 29.
Clutch control. V. W. Kliesrath. 2,173,116; Sept. 19.
Clutch control. A. H. Lanser. 2,167,118; July 25.
Clutch control. E. E. Wemp. 2,170,172; Aug. 22.
Clutch control. R. C. Zeidler. 2,172,077; Sept. 5.
Clutch control apparatus. E. E. Wemp. 2,170,171; Apr. 22.

Clutch control device, Automatic. K. Maybach. 2,144,074; Jan. 17.
Clutch control means. E. S. Bush. 2,163,021; June 20.
Clutch control mechanism. G. O. Ainsworth. 2,160,051; May 30.
Clutch control mechanism. H. Baade. 2,177,471; Oct. 24.
Clutch control mechanism. C. S. Bragg. 2,177,447; Oct. 24.
Clutch control mechanism. G. F. Houston. 2,164,923; July 4.
Clutch control mechanism. S. Johnson, Jr. 2,183,481; Dec. 12.
Clutch control mechanism. F. P. Keiper. 2,164,865; July 4.
Clutch control mechanism. V. W. Kliesrath. 2,148,271; Feb. 21.
Clutch control mechanism. H. W. Price. 2,144,032; Jan. 17.
Clutch control mechanism. H. W. Price. 2,156,305; May 2.
Clutch control mechanism. H. W. and E. R. Price. 2,144,031; Jan. 17.
Clutch control mechanism. E. R. and H. W. Price. 2,152,088–9; Mar. 28.
Clutch control mechanism. H. W. and E. R. Price. 2,160,084; May 30.
Clutch control mechanism. R. S. Sanford. 2,144,034; Jan. 17.
Clutch control mechanism. R. S. Sanford. 2,163,891; June 27.
Clutch control mechanism. R. S. Sanford. 2,170,875; Aug. 29.
Clutch control mechanism. W. S. Watts. 2,156,135–6; Apr. 25.
Clutch control mechanism for motor vehicles. E. G. Hill. 2,184,616; Dec. 26.
Clutch control mechanism, Motor vehicle. J. H. K. and H. J. De N. McCollum. 2,180,537; Nov. 21.
Clutch controlling means, Automatic. A. C. Velo. 2,181,470; Nov. 28.
Clutch device. C. R. Doty, K. R. Schneider, and A. C. Holt. 2,161,563; June 6.
Clutch device, Fluid operated. F. J. Rode and M. R. Hatch. 2,151,153; Mar. 21.
Clutch device, Slip. R. C. Yantis. 2,164,485; July 4.
Clutch disk. I. Saks. 2,180,746; Nov. 21.
Clutch disk. H. Nutt and H. V. Reed. 2,143,113; Jan. 10.
Clutch facing. I. J. Novak. 2,150,937; Mar. 21.
Clutch facing, Friction. C. H. Burns. 2,144,831; Jan. 24.
Clutch for die press or the like. E. H. Hall. 2,166,004; July 11.
Clutch for drilling apparatus, Automatic. L. Yost. 2,167,019; July 25.
Clutch for motor cars, Centrifugal. H. Hinden. 2,173,204; Sept. 19.
Clutch for printing presses, Reversing. H. Davis. 2,150,672; Mar. 14.
Clutch for statistical machines. W. F. Kelley. 2,160,153; May 30.
Clutch for window regulators. J. H. Roethel. 2,145,666; Jan. 31.
Clutch mechanism. P. H. Batten. 2,167,705; Aug. 1.
Clutch mechanism. P. H. Batten. 2,184,135; Dec. 19.
Clutch mechanism. F. C. Best. 2,181,649; Nov. 28.
Clutch mechanism. L. J. Campbell. 2,144,674; Jan. 24.
Clutch mechanism. W. S. Davenport. 2,169,089; Aug. 8.
Clutch mechanism. H. J. Dunkelow. 2,174,316; Sept. 26.
Clutch mechanism. A. J. Hartley. 2,152,310; Mar. 28.
Clutch mechanism. V. W. Kliesrath. 2,177,491; Oct. 24.
Clutch mechanism. V. H. Meyer. 2,158,192; May 16.
Clutch mechanism. H. P. Mixer. 2,148,170; Feb. 21.
Clutch mechanism. W. Moretti. 2,184,394; Dec. 26.
Clutch mechanism. G. G. Morin and E. J. Carleton. 2,176,468; Oct. 17.
Clutch mechanism. D. W. Morris. 2,168,960; Aug. 8.
Clutch mechanism. A. H. Pohlmeyer. 2,151,150; Mar. 21.
Clutch mechanism. C. A. Robinson. 2,182,821; Dec. 12.
Clutch mechanism. W. Rocke. 2,167,373; July 25.
Clutch mechanism. A. L. Rosenmund. 2,153,007; Apr. 4.
Clutch mechanism. C. A. Shipman. 2,162,646; June 13.
Clutch mechanism. W. A. Smith, Sr. 2,142,529; Jan. 3.
Clutch mechanism, Automatic. O. H. Banker. 2,168,856; Aug. 8.
Clutch mechanism, Automatic. R. D. Bateman. 2,181,797; Nov. 28.
Clutch mechanism, Automatic. R. P. Lewis. 2,171,833; Sept. 5.
Clutch mechanism, Automatic. W. D. Morton and W. E. Haupt. 2,171,837; Sept. 5.
Clutch mechanism, Automobile. H. F. Kolb and C. M. Padgett. 2,144,160; Jan. 17.
Clutch mechanism for change-speed gears. E. Grote. 2,169,639; Aug. 15.
Clutch mechanism for tapping attachments. G. W. Emrick. 2,162,250; June 13.
Clutch mechanism for the silent return of the paper carriage in writing machines, Noiseless one-way. F. Wunderlich. 2,153,735; Apr. 11.
Clutch mechanism, Friction. C. B. Spase. 2,158,440; May 16.
Clutch mechanism, Hydraulic. A. Kégresse. 2,143,321; Jan. 10.
Clutch mechanism. One-way. M. de Falco. 2,150,715; Mar. 14.
Clutch mechanism, Reverse. J. W. Sloan. 2,156,033; Apr. 25.
Clutch mechanism, Synchronizing. M. de Kremer. 2,161,285; June 6.
Clutch mechanism, Synchronizing. E. A. Thompson. 2,177,964; Oct. 31.
Clutch mounting. J. Vasta. 2,179,360; Nov. 7.
Clutch operating device, Automatic. R. S. Whittington. 2,175,235; Oct. 10.
Clutch operating mechanism. V. W. Kliesrath. 2,152,059; Mar. 28.
Clutch operating mechanism. W. B. Paine. 2,168,682; Aug. 8.
Clutch operating mechanism. T. N. Pierson. 2,170,572; Aug. 22.
Clutch operating mechanism. R. S. Sanford. 2,181,743; Nov. 28.
Clutch operating mechanism, Automatic. G. E. and J. M. Bussieres. 2,177,017; Oct. 24.
Clutch or brake band. F. V. Borden. 2,167,935; Aug. 1.
Clutch plate. G. T. Jarrett. 2,151,515; Mar. 21.
Clutch plate. A. Mistretta, C. A. Blomberg, and M. Willene. 2,158,244; May 16.
Clutch plate. W. V. Thelander. 2,143,040; Jan. 10.
Clutch pulley structure, Lagging. R. Thomas. 2,144,443; Jan. 17.
Clutch releasing mechanism for automatic lathes. H. Junghans. 2,179,744; Nov. 14.
Clutch shifter, Automatic. W. E. Gross and A. F. Jelinek. 2,152,044; Mar. 28.
Clutch shifting mechanism, Hydraulic. E. O. Schjolin. 2,146,031; Feb. 7.
Clutch steering mechanism for tractors. R. Gustafson. 2,158,935; May 16.
Clutch structure. R. Gustafson. 2,175,290; Oct. 10.
Clutch system for motor vehicles, Automatic. C. L. Hopkins. 2,156,589; May 2.
Clutch throw-out collar. E. Padden. 2,157,429; May 9.
Clutches, Control of motor vehicle. R. L. Neill. 2,170,868; Aug. 29.
Clutching and driving mechanism. E. Ericksson. 2,151,961; Mar. 28.
Clutching mechanism. A. F. Fischer. 2,163,596; June 27.
Clutching mechanism. J. M. Minkow. 2,182,733; Dec. 5.
Coach lock. A. C. Andersen. 2,173,148; Sept. 19.
Coach lock. J. M. Oldham. 2,142,456; Jan. 3.
Coagulant. W. S. Wilson. 2,152,942; Apr. 4.
Coal and the like, Apparatus for gravitationally separating and cleaning. E. Stump. 2,156,575; May 2.
Coal, Apparatus for screening and loading. G. S. Jaxon. 2,150,717; Mar. 14.
Coal burning apparatus. H. Bleibtreu. 2,159,200; May 23.
Coal chute carrier. R. Schenbeck. 2,169,453; Aug. 15.
Coal cleaning apparatus, Dry. E. O'Toole, Jr. and K. K. Wilcox. 2,154,180; Apr. 11.
Coal, Coating. H. R. Fife. 2,176,127; Oct. 17.
Coal, coke, and the like, Applying identification marks to. G. P. Spencer. 2,142,686; Jan. 3.
Coal cutter chain. R. T. Baugh. 2,174,815; Oct. 3.
Coal cutting machine. J. F. Joy. 2,163,341; June 20.
Coal distributor for stoker retorts. F. R. Nelson. 2,150,035; Mar. 7.
Coal drier. W. A. Ogg. 2,157,268; May 9.
Coal feeding device for furnaces. G. A. Kohout. 2,178,360; Oct. 31.
Coal, Method and apparatus for dewatering. T. S. Horrocks. 2,176,902; Oct. 24.
Coal, Method and apparatus for feeding. B. M. Bird. 2,164,796; July 4.
Coal mining machine, Electric. F. Azarowich. 2,143,752; Jan. 10.
Coal mining system. J. H. Fletcher. 2,155,415; Apr. 25.
Coal pusher for locomotive tenders. R. Milburn and W. Briggs. 2,161,373; June 6.
Coal stove door. W. M. Knight. 2,184,813; Dec. 26.
Coal, Treating. M. D. Curran. 2,162,064; June 13.
Coal treating process and apparatus. L. C. Karrick. 2,165,143; July 4.
Coal treatment. H. R. Fife. 2,176,129; Oct. 17.
Coal, Treatment of. L. Kasehagen and H. H. Lowry. 2,162,221; June 13.
Coal with subsequent coking thereof, Preliminary oxidation of caking. L. P. J. M. Bénézech. 2,167,100; July 25.
Coaling station. B. S. Snow. 2,180,913; Nov. 21.
Coaster. P. B. McConnell. 2,163,309; June 20.
Coaster. R. W. Robinson. 2,157,461; May 9.
Coaster brake, Two-speed. A. J. Musselman. 2,171,886; Sept. 5.
Coaster for holding drinking vessels. E. C. Richards. 2,160,468; May 30.
Coaster, Hockey. H. Riefschnider. 2,148,644; Feb. 28.
Coasting device. A. M. Flanders and J. T. Dessureau. 2,176,397; Oct. 17.
Coasting device. S. R. Smith. 2,170,978; Aug. 29.
Coat. D. D. Barkin. 2,180,497; Nov. 21.
Coat. J. Siegel. 2,159,408; May 23.
Coat and hood for rain wear, Combination. D. Silber. 2,160,682; May 30.
Coat and trousers hanger. E. A. Blinn. 2,165,215; July 11.

Coat collar construction. J. Giuseffi. 2,166,566; July 18.
Coat construction. J. Guiseffi. 2,169,491; Aug. 15.
Coat hanger. R. W. Cantwell. 2,170,319; Aug. 22.
Coat, Hunting. L. Shanhouse. 2,150,251; Mar. 14.
Coat, Reversible. S. V. Müller. 2,174,831; Oct. 3.
Coated cellulosic fabric. R. W. Ball. 2,149,329; Mar. 7.
Coated container. W. D. Bowlby and M. L. Little. 2,176,166; Oct. 17.
Coated materials and making same. G. Schneider. 2,147,757; Feb. 21.
Coating. R. H. Thielking. 2,154,057; Apr. 11.
Coating and impregnating process and product. I. M. Colbeth. 2,172,955; Sept. 12.
Coating and material therefor and making same, Ornamental. J. F. Hofmann. 2,178,018; Oct. 31.
Coating and process of applying and removing, Protective. L. G. Copeman. 2,169,225; Aug. 15.
Coating and product thereof. W. H. Moss. 2,166,261; July 18.
Coating, Antihalation. C. J. Malm and J. Emerson. 2,161,364; June 6.
Coating apparatus. G. Boulton. 2,160,826; June 6.
Coating apparatus. G. T. Church. 2,184,610; Dec. 26.
Coating apparatus. H. P. Kirchner, R. L. Melton, and R. C. Benner. 2,184,348; Dec. 26.
Coating apparatus. W. L. MacKenzie. 2,162,781; June 20.
Coating apparatus. W. L. MacKenzie and E. S. Nokes. 2,177,666; Oct. 31.
Coating apparatus for strip material. R. K. Nash. 2,149,307; Mar. 7.
Coating, binder, and filler composition, Adhesive. H. Bennett and J. Starobin. 2,143,641; Jan. 10.
Coating, Blue print. G. P. Ham. 2,172,319; Sept. 5.
Coating by cathode disintegration. F. M. Penning. 2,146,025; Feb. 7.
Coating by cathode disintegration, Metal. W. Burkhardt and R. Reinecke. 2,148,046; Feb. 21.
Coating composition. W. H. Beisler. 2,151,006; Mar. 21.
Coating composition. C. J. Borger. 2,147,083; Feb. 14.
Coating composition. R. E. Coleman. 2,185,124; Dec. 26.
Coating composition. A. K. Doolittle. 2,161,025; June 6.
Coating composition. F. Frick. 2,178,475; Oct. 31.
Coating composition. W. E. Gloor. 2,147,697; Feb. 21.
Coating composition. H. G. Grimm and F. Schamberger. 2,161,290; June 6.
Coating composition. W. Nebel. 2,168,040; Aug. 1.
Coating composition. S. M. Stoesser and A. R. Gabel. 2,166,557; July 18.
Coating composition and preparing the same. J. T. Baldwin. 2,153,910; Apr. 11.
Coating composition and preparing the same, Casein. C. G. Harford. 2,167,752; Aug. 1.
Coating composition, Cellulose ether. I. E. Muskat. 2,162,028; June 13.
Coating composition comprising a soluble cellulose compound and a protective agent. C. Ellis. 2,177,418; Oct. 24.
Coating composition for sheet metal containers. B. S. Clark. 2,167,638; Aug. 1.
Coating composition, Heat hardening. R. E. Coleman. 2,185,121; Dec. 26.
Coating composition, Liquid. H. S. Cooper. 2,152,536; Mar. 28.
Coating composition of zein in closed-chain alcohols, Substantially nongelling. R. E. Coleman. 2,185,119; Dec. 26.
Coating composition of zein in diacetone alcohol, Substantially nongelling. R. E. Coleman. 2,185,120; Dec. 26.
Coating composition, Wall-covering. F. Schamberger. 2,161,319; June 9.
Coating compositions. O. H. Greager and G. D. Patterson. 2,149,914–5; Mar. 7.
Coating compositions and preparing same. R. T. Hucks. 2,157,901; May 9.
Coating compositions, Synthetic resin. L. V. Steck and F. A. Bent. 2,145,464; Jan. 31.
Coating compositions, Zein containing. R. E. Coleman. 2,185,122; Dec. 26.
Coating compound. G. H. Young. 2,169,717; Aug. 15.
Coating device for wet paper. W. M. Nash. 2,157,213; May 9.
Coating, Dull finish cellulose derivative. R. E. Thomas. 2,169,199; Aug. 8.
Coating for aluminum and its alloys, Protective. J. D. Edwards and R. B. Mason. 2,171,545; Sept. 5.
Coating for Braun tubes, Wall. E. Schwartz. 2,151,992; Mar. 28.
Coating for fastenings. E. W. D. Laufer and C. P. Reis. 2,162,177; June 13.
Coating for fastenings. J. R. Thompson. 2,181,352; Nov. 28.
Coating for filters, Adhesive. D. C. Simpson. 2,145,898; Feb. 7.
Coating for heated surfaces. G. W. Wardwell, Jr. 2,169,118; Aug. 8.
Coating for sheet steel, Alkaline. W. Morrill. 2,150,777; Mar. 14.
Coating machine. L. B. Corbett. 2,146,285; Feb. 7.
Coating machine. E. G. Daley. 2,176,418; Oct. 17.
Coating machine. J. M. Hothersall and G. C. Reid. 2,153,561; Apr. 11.
Coating machine. C. W. Mayer and W. Lueders. 2,146,507; Feb. 7.
Coating machine. W. V. Shearer. 2,163,712; June 27.
Coating machine for highways, Seal. C. S. Wahlstrom and T. A. White. 2,182,217; Dec. 5.
Coating material and applying the same, Metallic. G. S. Smith. 2,161,104; June 6.
Coating material spray device. D. A. Wallace. 2,177,851; Oct. 31.
Coating, Method of. A. G. E. Robiette. 2,142,211; Jan. 3.
Coating, Moistureproof. R. T. Ubben. 2,147,180; Feb. 14.
Coating of lacquer to flexible materials, Applying a. S. J. Blaupot ten Cate. 2,171,389; Aug. 29.
Coating of solid metal for wrappings and other purposes, including decoration, etc., Fused. H. Karl. 2,143,948; Jan. 17.
Coating on metallic objects, Preparation of rust-preventing. V. A. Petkovic. 2,163,984; June 27.
Coating or decorating apparatus. L. V. Casto. 2,145,861; Feb. 7.
Coating process. C. J. Rolle. 2,182,304; Dec. 5.
Coating process. G. W. Worrall. 2,170,043; Aug. 22.
Coating process and product produced thereby, Water repellent. L. D. Anderson. 2,162,690; June 20.
Coating, Protective. A. Stenson. 2,167,317; July 25.
Coating surfaces with powdered materials. J. A. V. Fairbrother. 2,152,991; Apr. 4.
Coating to a surface, Providing an ornamental. H. Miller. 2,178,402; Oct. 31.
Coatings, Apparatus for the manufacture of abrasive. C. W. Bryan. 2,151,737; Mar. 28.
Coatings, Apparatus for the production of metallic. R. Reinecke and W. Burkhardt. 2,157,498; May 9.
Coatings in vacuum vessels, Producing sectional. E. Günzel and E. Ruska. 2,184,922; Dec. 26.
Coatings, Method and apparatus for applying metal. C. H. Walker and C. Sykes. 2,143,723; Jan. 10.
Coatings, Method of and apparatus for testing the thickness of metal. S. G. Clarke. 2,174,053; Sept. 26.
Coatings of high ohmic resistance in the interior of vacuum tubes, Producing. G. Brauer. 2,183,302; Dec. 12.
Coatings on articles, Applying and hardening. P. C. P. and R. G. Booty. 2,143,618; Jan. 10.
Coatings on metallic sheets, Forming protective. H. L. Kohler. 2,150,929; Mar. 21.
Coatings on plaster or other surfaces, Producing. K. Sponsel. 2,154,220; Apr. 11.
Coatings to hollow bodies, Applying. E. Schnabel. 2,160,371; May 30.
Coatings to rubber, balata, and like articles, and articles produced thereby, Applying. R. J. Snelling. 2,153,525; Apr. 4.
Cobweb cut-out. A. D. Norcross. 2,162,896; June 20.
Cock assembly, Fuel. G. T. Downey. 2,159,845; May 23.
Cock, Ball. A. C. Arbogast. 2,158,267; May 16.
Cock, Ball. H. D. Clemmons. 2,146,794; Feb. 14.
Cock, Ball. J. L. Garske. 2,176,494; Oct. 17.
Cock, Ball. G. E. Geyer. 2,142,893; Jan. 3.
Cock device, Angle. A. Neveu. 2,173,949; Sept. 26.
Cock, Gas. E. H. Mueller. 2,184,678; Dec. 26.
Cock or the like, Gas. E. H. Mueller. 2,164,419; July 4.
Cock or valve. F. V. Brown. 2,179,684; Nov. 14.
Cock or valve, Gas. H. Moecker, Jr., W. Lotter, A. Scholander, and I. V. Brumbaugh. 2,161,523; June 6.
Cock, Self-locking angle. C. C. Farmer. 2,147,287; Feb. 14.
Cock, Safety. A. Feiks. 2,158,574; May 16.
Cock, Siphonproof ball. H. D. Clemmons. 2,162,573; June 13.
Cock, Vacuum breaking ball. H. D. Clemmons. 2,167,938; Aug. 1.
Cocoa and sugar compound and making same. H. T. Middleton. 2,179,130; Nov. 7.
Coconut and process of making, Shredded. R. T. Northcutt. 2,147,752; Feb. 21.
Coconut product and method of making. R. T. Northcutt. 2,147,751; Feb. 21.
Code bar construction. L. M. Potts. 2,174,596; Oct. 3.
Code setting device for signal systems. T. A. Terjesen. 2,170,100; Aug. 22.
Coding and decoding, System of. W. S. Lemmon, C. J. Fitch, and R. F. Walz. 2,153,194; Apr. 4.
Coerulein derivatives, Producing easily soluble. E. Peyer. 2,180,769; Nov. 21.
Coffee and producing the same, Stable brewed decaffeinized. D. J. Block. 2,151,582; Mar. 21.
Coffee beverages, Apparatus for making. B. Stein. 2,143,585; Jan. 10.
Coffee brewer. T. Schulze. 2,162,033; June 13.
Coffee brewing device. C. M. Nevius. 2,158,587; May 16.
Coffee, Decaffeination of. W. C. Hasselhorn and J. J. Thompson. 2,157,956; May 9.
Coffee, Device for preparing. W. F. Swager. 2,154,963; Apr. 18.
Coffee extract and making same. P. A. Houseman. 2,155,971; Apr. 25.
Coffee infusions, Apparatus for making. M. H. Graham 2,175,727; Oct. 10.
Coffee infusions, Apparatus for the preparation of. F. Illy. 2,152,410; Mar. 28.
Coffee leacher. E. E. Granger. 2,164,399; July 4.
Coffee maker. L. Burgess. 2,149,270; Mar. 7.
Coffee maker. H. G. Davis. 2,152,792; Apr. 4.
Coffee maker. C. I. Hall. 2,168,158; Aug. 1.
Coffee maker. R. S. McNeil. 2,169,880; Aug. 15.

Coffee maker. R. S. McNeil. 2,181,246; Nov. 28.
Coffee maker. C. F. Scott. 2,169,852; Aug. 15.
Coffee maker, Automatic electric drip. A. C. Wilcox. 2,143,046; Jan. 10.
Coffee maker, Electric. C. D. Keaton. 2,150,801; Mar. 14.
Coffee maker, Electric. W. K. Kise. 2,176,081–2; Oct. 17.
Coffee maker, Electric siphon. L. M. Abbate. 2,180,655; Nov. 21.
Coffee-making apparatus. T. C. Miller. 2,171,321; Aug. 29.
Coffee mill. L. S. Maede. 2,182,131; Dec. 5.
Coffee product and preparing same, Soluble. G. L. Wendt and D. Fronmuller. 2,149,876; Mar. 7.
Coffee product and producing the same. W. A. Heyman. 2,154,447; Apr. 18.
Coffee, Treating. C. E. Page. 2,167,085; July 25.
Cofferdam construction. V. Schiavi. 2,179,429; Nov. 7.
Coiffure for plastic figures and making the same. H. R. Palmer. 2,152,085; Mar. 28.
Coil. A. Helgason and P. E. Keegan. 2,166,841; July 18.
Coil and fastener therefor, Metal. A. B. Wilson. 2,175,623; Oct. 10.
Coil and the like, Evaporator. J. F. Furry. 2,158,324; May 16.
Coil assembly puller, Field. E. W. Strange. 2,174,451; Sept. 26.
Coil, Cathode ray focusing. E. Ruska. 2,159,534; May 23.
Coil, Compensated pre-heat. H. R. Crago. 2,156,082; Apr. 25.
Coil, Conductor exploring. S. W. Borden. 2,176,756; Oct. 17.
Coil, Electrical. E. E. Franz. 2,154,070; Apr. 11.
Coil feeding apparatus. E. A. Matteson. 2,175,755; Oct. 10.
Coil filament manufacture. V. Anderson and D. G. Trutner. 2,155,388; Apr. 25.
Coil for cathode ray tubes, Deflecting. E. Ruska. 2,152,362; Mar. 28.
Coil for cathode ray tubes, Deflecting. W. A. Tolson and I. G. Maloff. 2,155,514; Apr. 25.
Coil for producing a magnetic field of approximately uniform flux density for use, for example, with cathode ray tubes. M. Bowman-Manifold and A. D. Blumlein. 2,148,398; Feb. 21.
Coil forming machine. G. M. Prentice. 2,149,942; Mar. 7.
Coil-handling apparatus. C. J. Klein. 2,156,695; May 2.
Coil, Heat exchange. E. B. Smith. 2,143,287; Jan. 10.
Coil, Ignition. H. L. Hartzell and D. L. Hittle. 2,178,687; Nov. 7.
Coil, Inductance. H. Boucke. 2,143,298; Jan. 10.
Coil, Induction. V. S. Goloviznin. 2,179,257; Nov. 7.
Coil, Induction. D. Pisarev. 2,182,820; Dec. 12.
Coin classifier and slug detector. F. W. Hoban. 2,170,897; Aug. 29.
Coin collecting and object distributing machine. A. Errera. 2,171,492; Aug. 29.
Coil-condenser assembly for radio receivers. D. P. Earnshaw. 2,165,467; July 11.
Coil, Deflection. W. Federmann, R. Andrieu, and F. Heidenreich. 2,172,733; Sept. 12.
Coil, Extension lock switch ignition. L. O. Parker. 2,173,612; Sept. 19.
Coil rack. N. C. Schellenger. 2,178,212; Oct. 31.
Coil reducing machine, End. J. Gogan. 2,145,081; Jan. 24.
Coil, Refrigerant. E. W. Kretschmer. 2,164,656; July 4.
Coil mounting. H. F. Oliver. 2,158,969; May 16.
Coil, Temperature compensated inductance. E. A. Leach. 2,148,302; Feb. 21.
Coil, Temperature compensated inductance. P. J. Schwarzhaupt. 2,148,306; Feb. 21.
Coil, Water heating. P. Hagenson and M. F. Hanson. 2,143,874; Jan. 17.
Coil winding and setting machine. W. Kauppert. 2,151,034; Mar. 21.
Coil winding apparatus. P. K. Ranney. 2,159,635; May 23.
Coil winding apparatus. P. V. Riddle. 2,174,839; Oct. 3.
Coil winding machine. K. H. Weber. 2,154,792; Apr. 18.
Coiled material. R. Vogel. 2,175,045; Oct. 3.
Coiler, Hot strip. E. N. Millan and E. B. Hudson. 2,150,934; Mar. 21.
Coiling apparatus. R. R. Turner and F. W. Sullivan. 2,179,389; Nov. 7.
Coiling device for measuring rules. E. J. Witchger. 2,184,448; Dec. 26.
Coiling machine. G. M. Prentice. 2,149,941; Mar. 7.
Coiling mechanism. H. K. Beach. 2,157,811; May 9.
Coils, Apparatus for and method of making. H. W. Laube. 2,177,260; Oct. 24.
Coils, Apparatus for making cross-fin. S. Przyborowski. 2,181,108; Nov. 21.
Coils, Making cross-fin. S. Przyborowski. 2,181,107; Nov. 21.
Coils, Method and apparatus for pickling. A. J. R. Greer. 2,176,900; Oct. 24.
Coils, Method of and machine for winding. F. Martindell. 2,158,827; May 16.
Coils, Winding electric motor. W. Weirich. 2,154,595; Apr. 18.
Coin and slug separating device. W. Patzer and W. A. Tratsch. 2,158,909; May 16.
Coin and slug separating device. W. A. Tratsch and W. Patzer. 2,159,117; May 23.
Coin and token receiver. A. A. Dalkin. 2,177,689; Oct. 31.
Coin changing machine. W. B. Evans and D. A. Lawson. 2,185,148; Dec. 26.
Coin collector. F. A. Hoyt and P. E. Mills. 2,179,091; Nov. 7.
Coin collector apparatus. R. L. Peek, Jr. 2,166,639; July 18.
Coin control mechanism. F. J. Fialkowski. 2,144,568; Jan. 17.
Coin controlled apparatus. M. L. Landreth. 2,159,215; May 23.
Coin conveying mechanism. W. G. Peters. 2,144,545; Jan. 17.
Coin counting and wrapping machine, Automatic. G. Kohlmann. 2,149,444; Mar. 7.
Coin counting machine. E. J. Brandt, E. G. Reuteler, and W. A. Barganz. 2,152,952; Apr. 4.
Coin counting machine. C. L. Downey. 2,165,240–1; July 11.
Coin delivery apparatus. H. Kozel, C. Hutchinson, and G. Baca. 2,147,954; Feb. 21.
Coin detecting apparatus. A. E. Gebert and F. C. Black. 2,174,696; Oct. 3.
Coin divider. F. G. Nicolaus. 2,155,951; Apr. 25.
Coin feeding apparatus. J. Kiss. 2,170,288; Aug. 22.
Coin-freed control. W. A. Tratsch and W. Patzer. 2,165,590; July 11.
Coin holder. A. J. Carlson. 2,148,978; Feb. 28.
Coin holder. H. F. Diesing. 2,147,016; Feb. 14.
Coin holder. N. Fulton. 2,181,806; Nov. 28.
Coin holder. N. L. Fulton. 2,159,555; May 23.
Coin holder. W. J. Youmans. 2,168,504; Aug. 8.
Coin holder, Unit and multiple delivery. T. O. Miller. 2,167,668; Aug. 1.
Coin lock. A. Wunderlich. 2,150,705; Mar. 14.
Coin machinery. B. E. Seemel. 2,155,982; Apr. 25.
Coin operated machine. W. G. Peters. 2,153,588; Apr. 11.
Coin packer. S. R. Blackstone. 2,182,464; Dec. 5.
Coin selector. B. E. Mills. 2,160,751; May 30.
Coin selector. B. E. Mills. 2,181,818; Nov. 28.
Coin selector for vending machines. B. W. Fry and J. Gottfried. Re. 21,301; Dec. 19.
Coin separator. F. E. A. Wallin. 2,161,885; June 13.
Coin slide. B. C. Grunig. 2,153,183; Apr. 4.
Coin sorting machine. E. B. Paul. 2,163,351; June 20.
Coin testing device. E. O. Eason. 2,148,291; Feb. 21.
Coin vending machine. W. H. Rowe and C. Gabrielson. 2,159,603; May 23.
Coin wrappers with coins, Device for filling. A. N. Wagner. 2,150,473; Mar. 14.
Coin wrapping device. R. N. Bagley and F. M. Ralston. 2,163,509; June 20.
Coke and making same, Wood. S. Ruzicka. 2,184,317; Dec. 26.
Coke chamber. P. H. Gilkerson. 2,144,109; Jan. 17.
Coke cleaning device. G. J. Langmyhr. 2,170,660; Aug. 22.
Coke guide employed when discharging coke from horizontal coke ovens. M. H. McEwan and W. G. Buchanan. 2,157,458; May 9.
Coke, Making. E. W. Rice and W. J. Buchele. 2,177,226; Oct. 24.
Coke making process. M. D. Curran. 2,158,816; May 16.
Coke oven door. W. Beimann. 2,158,491; May 16.
Coke oven door. J. S. Potter. 2,157,568; May 9.
Coke oven door. L. Wilputte. 2,183,704; Dec. 19.
Coke oven door, Self-sealing. J. S. Potter. 2,157,569; May 9.
Coke-oven operating appliance. S. H. Kimmel. 2,179,635; Nov. 14.
Cold cathode electron discharge tube. P. T. Farnsworth. 2,184,910; Dec. 26.
Cold separator. A. Trayman. 2,172,718; Sept. 12.
Collapsible box. G. E. Hartman. 2,151,761; Mar. 28.
Collapsible case. W. M. Copeland. 2,179,843; Nov. 14.
Collapsible container. M. Adkisson. 2,163,656; June 27.
Collapsible container. J. H. Fridén. 2,160,963; June 6.
Collapsible container. B. J. Frost. 2,150,620; Mar. 14.
Collapsible container. C. W. Vogt. 2,171,717–8; Sept. 5. Aug. 1.
Collapsible container. C. W. Vogt. 2,180,841; Nov. 21.
Collapsible copy holder. S. Sattler. 2,170,161; Aug. 22.
Collapsible display container. F. A. Marx. 2,170,723; Aug. 22.
Collapsible gate. A. W. Cunningham. 2,154,421; Apr. 18.
Collapsible pet case. N. F. Ortt. 2,170,379; Aug. 22.
Collapsible pew seat. J. J. Noe. 2,177,263; Oct. 24.
Collapsible paper box. R. L. Palmer. 2,175,731; Oct. 10.
Collapsible seat, Portable. J. B. Milligan. 2,180,426; Nov. 21.
Collapsible sign. R. L. Bybee. 2,155,300; Apr. 18.
Collapsible table. I. Zinser. 2,174,679; Oct. 3.
Collapsible tow bar. G. Weise. 2,179,070; Nov. 7.
Collapsible tube. G. M. Baker. 2,182,243; Dec. 5.
Collapsible tube dispenser. W. C. Allen. 2,168,080;
Collapsible tube, Single dose. M. A. Jecusco. 2,173,627; Sept. 19.

Collapsible vehicle wheel. J. J. R. Johnson. 2,180,471; Nov. 21.
Collar. L. Broder. 2,182,486; Dec. 5.
Collar. M. B. Carmody. 2,157,591; May 9.
Collar. J. J. Cunningham. 2,166,425; July 18.
Collar. B. F. McCreery. 2,148,126; Feb. 21.
Collar. A. M. Panettieri. 2,165,932; July 11.
Collar. W. Rubinstein. 2,152,093–5; Mar. 28.
Collar, Adjustable horse. J. L. Ream. 2,173,442; Sept. 19.
Collar and collar-shirt. W. Jacobi. 2,143,778; Jan. 10.
Collar and combination of shirt and detachable collar. M. M. Newman. 2,164,751; July 4.
Collar and lining material therefor. E. A. King. 2,150,881; Mar. 14.
Collar and making the same. B. Liebowitz. 2,183,242; Dec. 12.
Collar and tie holder. T. A. Pyros. 2,146,227; Feb. 7.
Collar-blocking means. J. W. Steele. 2,172,857; Sept. 12.
Collar construction. H. J. Seman. 2,156,704; May 2.
Collar, Detachable garment. T. La Maida. 2,166,011; July 11.
Collar fastener. F. Holzknecht. 2,171,270; Aug. 29.
Collar holder. O. Carlson. 2,150,020; Mar. 7.
Collar holder. A. H. Metcalf. 2,148,569; Feb. 28.
Collar holder. R. Moore. 2,147,264; Feb. 14.
Collar holder. R. Moore. 2,164,831; July 4.
Collar holder. C. Silverman. 2,168,687; Aug. 8.
Collar passing blow-out preventer and stripper, Rotary. F. J. Schweitzer and W. D. Shaffer. 2,170,916; Aug. 29.
Collar, Shampoo. L. H. Middleton. 2,172,589; Sept. 12.
Collar, Shirt. C. C. Chapel. 2,178,777; Nov. 7.
Collar support. J. W. Steel. 2,155,065; Apr. 18.
Collar supporting means. J. W. Steele. 2,149,192; Feb. 28.
Collar, Thrust. G. M. Hefferin. 2,177,565; Oct. 24.
Collector, Automatic. L. L. West. 2,167,470; July 25.
Collector, Current. E. A. Lapham. 2,169,154; Aug. 8.
Collector, Detachable. L. C. Fisher and W. H. Frank. 2,170,285; Aug. 22.
Collector for centrifugal apparatus. J. H. Millar. 2,154,134; Apr. 11.
Collet. S. B. Martin. 2,155,019; Apr. 18.
Collet. C. M. Sutton. 2,161,939; June 13.
Collet construction. E. A. Hall. 2,176,071; Oct. 17.
Colloid mill. L. H. Morehouse. 2,147,821; Feb. 21.
Colloid relief on a nickel surface, Producing a. C. E. Meulendyke. 2,143,995; Jan. 17.
Colloidal composition. J. B. Bronstein, Jr. 2,170,629; Aug. 22.
Colloids, Gelatinous. J. Reichel. 2,166,074; July 11.
Colonic irrigating table. C. A. Woodard. 2,176,235; Oct. 17.
Colophony, Refining the dark colored kinds of. A. Waligora. 2,142,592; Jan. 3.
Color binding agent, Stabilizing. F. H. von und zu Guttenberg and R. Köhler. 2,150,060; Mar. 7.
Color-comparing device. R. Lawry. 2,168,352; Aug. 8.
Color compositions, Dispersible. R. J. O'Brien. 2,155,326; Apr. 18.
Color correction. A. Murray. 2,165,407; July 11.
Color correction for color photography. M. W. Seymour. 2,169,009; Aug. 8.
Color correction of negatives and printing plates. W. J. Wilkinson. 2,177,195; Oct. 24.
Color correction of photomechanical images. R. L. Klein. 2,179,014; Nov. 7.
Color demonstration apparatus. M. F. Patterson. 2,184,125; Dec. 19.
Color-grading system. W. M. Cohn. 2,169,355; Aug. 15.
Color in meats, Producing stable. W. L. Lewis. 2,147,261; Feb. 14.
Color measuring and analyzing apparatus, Photoelectric. A. L. Holven and T. R. Gillett. 2,152,645; Apr. 4.
Color of a liquid, Method and apparatus for determining the. M. Philipsen. 2,163,467; June 20.
Color of cracked hydrocarbon distillates, Improving the. L. A. Clarke and J. R. Callaway. 2,147,572; Feb. 14.
Color photography. P. L. Salzberg and C. F. A. White. 2,166,181; July 18.
Color photography. M. W. Seymour. 2,184,022; Dec. 19.
Color photography or cinematography. E. Sanders-Dolgoruki. 2,163,325; June 20.
Color-printing plates, Preparing. W. S. Marx, Jr. 2,183,143; Dec. 12.
Color process, Photomechanical. J. A. C. Yule. 2,176,518; Oct. 17.
Color producing compositions. Stable ice. H. Z. Lecher and R. P. Parker. 2,154,405; Apr. 11.
Color producing compound and producing the same. E. A. Markush and J. Miller. 2,162,960; June 20.
Color reproduction. A. C. Hardy. 2,165,167–8; July 4.
Color reproduction. L. D. Mannes and L. Gedowsky, Jr. 2,150,691; Mar. 14.
Color reproduction, Photomechanical. J. A. C. Yule. 2,161,399; June 6.
Color scheme exhibitor. A. M. Barrett, A. L. Macnair, and E. W. Ericson. 2,155,924; Apr. 25.
Color separation images, Making corrected. A. C. Hardy. 2,179,786; Nov. 14.
Color separation process for multicolor printing. A. Murray. 2,161,378; June 6.
Color transmission. M. K. Goldstein. 2,184,075; Dec. 19.
Colorimeter. F. Assmus. 2,167,060; July 25.
Coloring and coating compositions, Setting. C. J. MacArthur. 2,157,387; May 9.
Coloring matter. E. G. Hewish. 2,174,632; Oct. 3.
Coloring matter, Colloidized azo. M. L. Crossley, R. H. Kienle, and A. L. Peiker. 2,181,800; Nov. 28.
Coloring matter of the anthraquinone series, Purifying and dispersing. K. J. Schwing. 2,164,952; July 4.
Coloring matters. A. R. Lowe. 2,155,054; Apr. 18.
Coloring matters of phthalocyanine type. I. M. Heilbron, F. Irving, and R. P. Linstead. 2,153,620; Apr. 11.
Coloring matters of the phthalocyanine type. I. M. Heilbron, F. Irving, and R. P. Linstead. 2,166,213; July 18.
Coloring matters soluble in organic media, Manufacture of phthalocyanine. A. A. Harrison and H. Samuels. 2,150,741; Mar. 14.
Colors and preparing them, Blue pigment. E. Korinth and G. Meder. 2,156,727; May 2.
Colors, Manufacturing green ceramic. G. Jaeger and H. Diehl. 2,180,056; Nov. 14.
Colors, Manufacture of sulphur. H. A. Lubs and G. C. Strouse. 2,165,493; July 11.
Colors or color tones from pictures comprising several colors or color tones, especially for reproduction purposes, Selecting single. L. Szigeti. 2,158,951; May 16.
Colostomy apparatus. R. Gricks. 2,154,202; Apr. 11.
Colostomy pocket and retaining belt, Removable. E. N. Bowman. 2,156,425; May 2.
Colter. C. G. Strandlund. 2,168,004; Aug. 1.
Column. G. G. Adler. 2,143,616; Jan. 10.
Column, Extraction. A. Olier. 2,150,608; Mar. 14.
Column for elevated highways, Supporting and drainage. W. T. Curtis. 2,147,091; Feb. 14.
Column for evaporators and fractionating towers, Level. J. W. Gray. 2,166,904; July 18.
Column for lamps and other articles, Adjustable. G. Heitmann. 2,171,653; Sept. 5.
Column, Fractionating. S. A. Guerrieri. 2,167,025; July 25.
Columns, Forming concrete foundation. W. J. Newman. 2,162,108; June 13.
Comb. A. G. Bowyer. 2,180,394; Nov. 21.
Comb. O. B. Carson. 2,164,385; July 4.
Comb. H. W. Clemens. 2,163,084; June 20.
Comb. W. Huppert. Re. 21,131; June 27.
Comb. A. N. King. 2,154,336; Apr. 11.
Comb. L. Kruger and S. Witte. 2,176,460; Oct. 17.
Comb. F. R. Marcel. 2,180,834; Nov. 21.
Comb. B. Silverman. 2,145,100; Jan. 24.
Comb. E. A. Stone. 2,151,056; Mar. 21.
Comb and brush set. F. Kapelman. 2,162,581; June 13.
Comb and clamp device, Automatic hair waving. F. Zaccaro and P. C. Milosis. 2,171,422; Aug. 29.
Comb and cleaner combination. H. Singer. 2,176,548; Oct. 17.
Comb and curler, Combined. L. Seidner. 2,145,319; Jan. 31.
Comb and reed for textile machines. V. C. Hassold. 2,152,430; Mar. 28.
Comb and stretching pin, Combination. E. A. Conway. 2,148,927; Feb. 28.
Comb, Animal. G. A. Wikander. 2,156,416; May 2.
Comb attachment and cleaner, Hair. L. Morris. 2,177,907; Oct. 31.
Comb brush. E. Kreutzig. 2,160,618; May 30.
Comb brush producing and comb cleaning apparatus. F. D. Hogg. 2,145,445; Jan. 31.
Comb cleaner. R. W. Busch. 2,170,772; Aug. 22.
Comb, Curler. S. Behr. 2,181,472; Nov. 28.
Comb, Finger-grip. E. Y. Berry. 2,150,260; Mar. 14.
Comb, Folding rat-tail. E. S. Berliner. 2,154,120; Apr. 11.
Comb for textile machines, Expansion. F. H. Kaufmann. 2,178,452; Oct. 31.
Comb, Fountain. P. Bankston. 2,164,442; July 4.
Comb, Fountain. M. Marton. 2,180,308; Nov. 14.
Comb, Fountain. J. Schmidt. 2,148,966; Feb. 28.
Comb, Fountain. J. E. Slaney. 2,184,478; Dec. 26.
Comb, Hair. I. Andersson. 2,153,126; Apr. 4.
Comb, Hair. W. P. Brown. 2,164,105; June 27.
Comb, Hair dressing. A. H. Madore. 2,164,073; June 27.
Comb, Massage. J. Friedman. 2,175,344; Oct. 10.
Comb package. S. B. Jackson. 2,155,313; Apr. 18.
Comb, Pressing. E. L. Redmon. 2,175,312; Oct. 10.
Comb structure. G. A. Swanow. 2,143,808; Jan. 10.
Comb, Vacuum. C. E. Mitchell. 2,159,096; May 23.
Comb with curler, Brush. S. Behr. 2,181,448; Nov. 28.
Combination baby and parcel carrier. W. H. Head. 2,181,892; Dec. 5.
Combination door. J. S. Murphy. 2,159,530; May 23.
Combination drafting tool. A. Sclocco. 2,161,098; June 6.
Combination lock. R. E. Curran. 2,173,680; Sept. 19.
Combiantion lock. F. K. Heyer. 2,167,205; July 25.
Combination lock. J. H. Lane and E. W. North. 2,168,621; Aug. 8.
Combination lock. J. Pfendner. 2,165,067; July 4.
Combination lock, Button operated. G. H. Bruington. 2,162,995; June 20.
Combination lock ignition switch. E. Massey. 2,170,780; Aug. 22.
Combination puller. B. Pepperdine. 2,170,461; Aug. 22.
Combination table. H. G. Welsbacher. 2,184,206; Dec. 19.
Combine. A. Korsmo and M. Ronning. Re. 21,161; July 25.

Combine. A. Korsmo and M. Ronning. 2,155,422–3; Apr. 25.
Combine. A. W. Oehler, R. L. Anderson, and L. A. Paradise. 2,169,472; Aug. 15.
Combine. E. M. Singley. 2,177,229; Oct. 24.
Combined switch and plug receptacle. A. G. Mueller. 2,184,359; Dec. 26.
Combing machine. J. W. Nasmith. 2,145,491–2; Jan. 31.
Combing machine. J. W. Nasmith. 2,154,281; Apr. 11.
Combustion and gas mixing assembly for gas circulating systems. T. J. Stephens. 2,164,954; July 4.
Combustion apparatus. M. De Lin. 2,161,021; June 6.
Combustion apparatus. M. De Lin. 2,171,917; Sept. 5.
Combustion apparatus. R. A. Foresman. 2,164,510; July 4.
Combustion apparatus. G. J. Gorsuch. 2,181,727; Nov. 28.
Combustion apparatus. M. C. Hutto. 2,173,115; Sept. 19.
Combustion apparatus. J. W. Miller. 2,181,407; Nov. 28.
Combustion apparatus. D. J. Mosshart. 2,149,539; Mar. 7.
Combustion apparatus. B. Valjean. 2,180,443–4; Nov. 21.
Combustion chamber. R. N. Janeway. 2,151,428; Mar. 21.
Combustion chamber for aircraft. R. H. Goddard. 2,183,313; Dec. 12.
Combustion chamber for an internal combustion engine. J. P. Burke. 2,166,679; July 18.
Combustion chamber for oil burners. R. E. Duffy and C. W. Uschold. 2,153,175; Apr. 4.
Combustion chamber in cylinder heads of internal combustion engines. J. A. H. Barkeij. 2,145,577; Jan. 31.
Combustion control. R. A. Foresman and D. J. Mosshart. 2,149,393; Mar. 7.
Combustion control. R. Lewis. 2,161,361; June 6.
Combustion control system. G. J. Byrne. 2,183,184; Dec. 12.
Combustion control system, Submerged. T. S. See, J. E. Tegarden, and A. Williams. 2,174,533; Oct. 3.
Combustion device. F. O. Shaffer. 2,154,706; Apr. 18.
Combustion efficiency method and apparatus. C. W. Payn. 2,143,820; Jan. 10.
Combustion engine. T. R. Smith. 2,172,147; Sept. 5.
Combustion engine. F. Wehinger. 2,179,769; Nov. 14.
Combustion engine, Supercharged. H. Heinzelmann. 2,180,108; Nov. 14.
Combustion in internal combustion engines, Apparatus for showing the nature of. G. D. Boerlage. 2,153,114; Apr. 4.
Combustion means. F. R. Bichowsky. 2,168,313; Aug. 8.
Combustion, Producing. E. L. Wiegand and O. R. Olson. 2,150,533; Mar. 14.
Combustion-product engine. J. R. Kingston and W. H. Powell. 2,160,218; May 30.
Combination receptacle. H. B. Dickson. 2,183,807; Dec. 19.
Comestibles and dispensing same, Packaging bulk frozen. H. W. Ohlhaver. 2,180.298; Nov. 14.
Comestibles, Packaging plastic. H. B. Adams. 2,145,240; Jan. 31.
Comfort cooling unit. E. F. Fisher. 2,157,531; May 9.
Comfort responsive apparatus. M. E. Fiene. 2,155,262; Apr. 18.
Commode. J. A. Perry. 2,171,710; Sept. 5.
Commode, Bed. J. E. Beery. 2,157,394; May 9.
Commodities in receptacles, Packing. W. F. Christel. 2,150,490; Mar. 14.
Commodities, Treatment of. R. Killingstad. 2,183,915; Dec. 19.
Commodity case. C. Amick. 2,147,510; Feb. 14.
Commodity quotation system. H. L. Krum and A. H. Reiber. 2,147,656; Feb. 21.
Communicating system. J. R. MacKay. 2,165,062–3; July 4.
Communication apparatus. R. H. Campbell. 2,162,368; June 13.
Communication apparatus, Duplex. K. Schüssler. 2,152,329; Mar. 28.
Communication network, Portable electric. H. R. Allensworth. 2,168,310; Aug. 8.
Communication recording system. F. A. Kiernan. 2,182,632; Dec. 5.
Communication system. M. Amann. 2,144,176; Jan. 17.
Communication system. R. H. Campbell. 2,162,369–72; June 13.
Communication system. R. H. Campbell. 2,162,547; June 13.
Communication system. C. R. Doty. 2,165,237; July 11.
Communication system. C. R. Doty. 2,174,691; Oct. 3.
Communication system. C. R. Doty. 2,181,989; Dec. 5.
Communication system. C. J. Fitch. 2,142,351; Jan. 3.
Communication system. K. E. Fitch. 2,173,551; Sept. 19.
Communication system. C. C. Langevin. 2,166,529; July July 18.
Communication system. F. A. Leibe. 2,175,202; Oct. 10.
Communication system. W. S. Lemmon. 21,103; May 30.
Communication system. P. Mertz. 2,175,358; Oct. 10.
Communication system. H. J. Nichols. 2,150,240; Mar. 14.
Communication system. H. J. Nichols and H. L. Tholstrup. 2,150,241; Mar. 14.
Communication system. H. J. Nichols. 2,153,203; Apr. 4.
Communication system. H. J. Nichols and H. L. Tholstrup. 2,161,586; June 6.
Communication system. H. J. Nichols. 2,174,704; Oct. 3.
Communication system. H. J. Nichols. 2,176,680; Oct. 17.
Communication system. W. E. Pakala. 2,154,694; Apr. 18.
Communication system. R. A. Shetzline. 2,175,366; Oct. 10.
Communication system, Multichannel secret. P. Saylor, Jr. 2,145,138; Jan. 24.
Communication system, Two-way. L. W. Thomsen. 2,146,362; Feb. 7.
Communications by means of light, Apparatus for establishing. J. Bournisien. 2,153,709; Apr. 11.
Communications, System for transmitting. W. M. Hahnemann, and A. Wiessner. 2,184,835; Dec. 26.
Commutator. M. R. Hanna. 2,167,479; July 25.
Commutator brush ends, Dressing. E. A. Baerer. 2,175,241; Oct. 10.
Commutator, Electric. E. H. Stivender. 2,180,312; Nov. 14.
Commutator motor, Alternating-current. R. Stix. 2,179,358; Nov. 7.
Commutator, Radial. L. Scruggs. 2,176,361; Oct. 17.
Commutator separator undercutting machine. L. E. Poole. 2,180,771; Nov. 21.
Commutators, Apparatus for use in repairing. C. A. Payne. 2,170,389; Aug. 22.
Compact. W. Lampl. 2,148,077; Feb. 21.
Compact. E. A. Lemire and E. Steiner. 2,158,548; May 16.
Compact, Ash-receptacle. A. D. Kaner. 2,181,275; Nov. 28.
Comparator, Numerical. M. L. Haselton and R. M. Hicks. 2,155,825; Apr. 25.
Comparator, Optical. L. H. Young. 2,185,010; Dec. 26.
Comparing and sorting device. J. W. Bryce. 2,172,328; Sept. 5.
Comparing device. S. H. Fleming. 2,183,095; Dec. 12.
Comparometer. R. G. Sagebeer. 2,160,603; May 30.
Compartment. P. W. Kerr. 2,175,717; Oct. 10.
Compartment box. R. V. Burdick. 2,174,618; Oct. 3.
Compartment door latch. E. N. Jacobi. 2,172,586; Sept. 12.
Compartment door latch. E. N. Jacobi. 2,182,589; Dec. 5.
Compartment in trucks, Tire and tool carrying. F. Biszantz. 2,155,253; Apr. 18.
Compartment, Multiple door. E. J. G. Phillips. 2,142,408; Jan. 3.
Compass accuracy in marine installations, Apparatus for maintaining. L. A. Crockett. 2,162,939; June 20.
Compass, Beam. A. Ackron. 2,162,568; June 13.
Compass card oscillation, Automatic means for varying. P. Kollsman. 2,161,870–1; June 13.
Compass, Earth inductor. G. P. Bentley. 2,176,197; Oct. 17.
Compass, Gyro-magnetic. M. F. Bates. Re. 20,983; Jan. 24.
Compass, Inductor. H. D. Oakley. Re. 21,156; July 18.
Compass, Magnetic. J. A. V. Benard. 2,168,112; Aug. 1.
Compass, Magnetic. W. E. Hull. 2,155,712; Apr. 25.
Compass, Magnetic. M. Klein and B. Willach. 2,177,218; Oct. 24.
Compass, Radio. G. G. Kruesi. 2,156,297; May 2.
Compass, Stabilized magnetic. L. F. Carter and M. F. Bates. 2,176,203; Oct. 17.
Compass, Sun. J. C. Clark. 2,155,402; Apr. 25.
Compass swinging apparatus for use in connection with aircraft. H. Bailey. 2,147,187; Feb. 14.
Compass, Torch. C. I. Ingwersen. 2,170,305; Aug. 22.
Compensated condenser. J. L. Seibert. 2,182,645; Dec. 5.
Compensated meter. W. C. Wagner. 2,177,085; Oct. 24.
Compensated switch. L. M. Persons. 2,159,342; May 23.
Compensating blade clamp. E. Reaney. 2,149,230; Feb. 28.
Compensating condenser. E. E. Maxham. 2,179,417; Nov. 7.
Compensating control system. J. E. Haines. 2,173,331; Sept. 19.
Compensating device for combination negatives. J. T. Campbell. 2,184,831; Dec. 26.
Compensating devices for valve control. R. C. Ball. 2,150,813; Mar. 14.
Compensating-duct system. H. A. Faber. 2,164,394; July 4.
Compensating means for long-scale wattmeters. W. D. Hall. 2,154.307; Apr. 11.
Compensating poppet valve. R. Birrell. 2,152,784; Apr. 4.
Compensation means for aero tube fire alarm systems, Automatic. F. M. Cowan and F. C. Evans. 2,155,345; Apr. 18.
Compensator. R. M. Cutts, Jr. 2,165,457; July 11.
Compensator. S. G. Ellis. 2,151,752; Mar. 28.
Compensator for geophysical devices, Automatic. M. C. Bowsky and A. B. Winter. 2,142,555; Jan. 3.
Compensator for sheeters. J. A. Heckman. 2,176,571; Oct. 17.
Compensator, Line drop. W. W. Kuyper. 2,147,490; Feb. 14.

Complementary rotary engine. J. C. Bullen. 2,158,532; May 16.
Composing machine and matrix therefor, Typographical. C. A. Albrecht. 2,170,001; Aug. 22.
Composite article and making the same. C. J. Funk. 2,145,651; Jan. 31.
Composite article and making the same. B. J. Humphrey. 2,144,495; Jan. 17.
Composite bit. J. A. Zublin. 2,151,544–5; Mar. 21.
Composite block. A. Henderson. 2,152,190; Mar. 28.
Composite body. H. Pulfrich. 2,174,390; Sept. 26.
Composite body. H. Pulfrich. 2,175,916; Oct. 10.
Composite door. F. A. Johnson. 2,160,151; May 30.
Composite light. T. R. Schlitz. 2,148,965; Feb. 28.
Composite product. H. A. Winkelmann and E. W. Moffett. 2,147,620; Feb. 14.
Composite selector circuit. B. A. Wallace. 2,149,753; Mar. 7.
Composite structural member and building unit, Nailable. G. F. Kotrbaty. 2,150,172; Mar. 14.
Composite structure and making the same. D. S. Hubbell. 2,164,457; July 4.
Composite structure and making the same. W. C. Treuhaft. 2,172,628; Sept. 12.
Composition. K. R. Brown. 2,172,357; Sept. 12.
Composition. M. E. Cupery. 2,142,115; Jan. 3.
Composition. N. J. Dunbeck. 2,180,897; Nov. 21.
Composition adapted to liberate free iodine. E. L. Werft. 2,158,446; May 16.
Composition and making same. D. N. Spitzli and R. L. Kennedy. 2,162,924; June 20.
Composition and method for preserving the color of meat. J. J. Doyle. 2,177,519; Oct. 24.
Composition and method for preventing incrustation. P. G. Bird. 2,156,173; Apr. 25.
Composition and process of making powder from nacreous substances. D. A. Eolis. 2,172,369; Sept. 12.
Composition and process of preserving wood. A. Gordon. 2,149,284; Mar. 7.
Composition and product, Moldable. W. Röhrs. 2,167,313; July 25.
Composition board and making the same. R. G. Quinn; 2,144,271; Jan. 17.
Composition containing rhodamine derivative. G. R. Fonda. 2,149,993; Mar. 7.
Composition, Fluid. I. M. Colbeth. 2,168,325: Aug. 8.
Composition for application to organic derivatives of cellulose. J. E. Bludworth. 2,149,498; Mar. 7.
Composition for application to pulleys and the like. J. Birnbaum. 2,182,774; Dec. 12.
Composition for coating fruits and vegetables. J. N. Sharma. 2,153,487; Apr. 4.
Composition for liners. D. M. Gray. 2,181,481; Nov. 28.
Composition for permanent hair waving and method. F. L. Reynolds. 2,144,811; Jan. 24.
Composition for preparing polystyrene films. E. C. Britton, H. B. Marshall, and C. W. Davis. 2,179,975; Nov. 14.
Composition for preserving flowers. A. A. Meyer. 2,168,304; Aug. 1.
Composition for preventing sunburn. C. L. Parsons. 2,175,213; Oct. 10.
Composition for printing textile fibers. I. F. Chambers. 2,173,824; Sept. 26.
Composition for removing worn lubricant material. C. S. Kimball. 2,169,344; Aug. 15.
Composition for sizing yarns. J. T. Power and E. G. Almy. 2,142,801; Jan. 3.
Composition for soldering metal. J. F. Howarth. 2,179,258; Nov. 7.
Composition for treating ferrous metals. H. A. Montgomery. 2,151,353; Mar. 21.
Composition of matrices for typographical slug-casting machines, Hand. J. E. Billington and R. H. Scott. 2,157,782; May 9.
Composition of matter. R. W. Barton and W. M. Cox, Jr. 2,167,144; July 25.
Composition of matter. C. Bol, G. B. Jonas, and H. J. Lemmens. 2,177,685; Oct. 31.
Composition of matter. E. H. Bucy. 2,148,601; Feb. 28.
Composition of matter. R. T. K. Cornwell. 2,170,632; Aug. 22.
Composition of matter. R. A. Crawford. 2,166,236; July 18.
Composition of matter. A. B. Cummins. 2,177,197; Oct. 24.
Composition of matter. A. L. Flenner. 2,161,462; June 6.
Composition of matter. C. L. Griffith and L. A. Hall. 2,171,428; Aug. 29.
Composition of matter. S. B. Heath. 2,146,739; Feb. 14.
Composition of matter. M. R. Isaacs. 2,160,869; June 6.
Composition of matter. J. D. Maxcy. 2,180,744; Nov. 21.
Composition of matter. M. Mueller-Cunradi, M. Otto, W. Daniel, and R. Werner. 2,180,081; Nov. 14.
Composition of matter. A. Schwind. 2,148,325; Feb. 21.
Composition of matter. T. I. Taylor. 2,172,743; Sept. 12.
Composition of matter and making and using the same. M. T. Harvey. 2,157,126; May 9.
Composition of matter and making same. I. E. Muskat and A. G. Chenicek. 2,184,883; Dec. 26.
Composition of matter and making the same. J. N. Kuzmick. 2,156,431; May 2.
Composition of matter and making the same. C. H. Wills. 2,177,853; Oct. 31.
Composition of matter and manufacture of the same. C. W. J. Wende. 2,184,538; Dec. 26.
Composition of matter and method of making. A. H. Bowen and T. W. Dike. 2,150,147; Mar. 14.
Composition of matter and methods and steps of making and using the same. M. T. Harvey. 2,164,326; July 4.
Composition of matter and methods and steps of making and using the same. W. A. Hughes. 2,143,880; Jan. 17.
Composition of matter and preparing same. E. Lyons. 2,148,763; Feb. 28.
Composition of matter and process for resolving petroleum emulsions. M. De Groote, B. Keiser, and C. M. Blair, Jr. 2,154,422–3; Apr. 18.
Composition of matter and use of same in preparation of cellulose articles. G. S. Hooper. 2,147,702; Feb. 21.
Composition of matter derived from starch and making the same. W. R. Fetzer. 2,163,782; June 27.
Composition of matter for precipitating tannins. R. R. Means and H. E. Lederer. 2,176,592; Oct. 17.
Composition of matter for the preparation of fire extinguishing foam. K. Daimler, M. Paquin, and W. Riedelsberger. 2,154,231; Apr. 11.
Composition of matter produced from polyhydric phenols and alkyl amines. H. von Bramer and A. C. Ruggles. 2,163,639; June 27.
Composition of matter useful for insulating and other purposes. B. D. McIntyre. 2,148,127–8; Feb. 21.
Composition of matter useful for moth-proofing. D. W. Jayne, Jr. 2,157,854; May 9.
Composition to increase the efficiency of internal combustion engines. F. L. Carswell and R. F. Sanchez. 2,154,664; Apr. 18.
Composition to increase the efficiency of internal combustion engines. O. W. Schmidt. 2,155,981; Apr. 25.
Composition to prevent sticking of rubber compounds and preparing the same. E. G. Partridge. 2,147,312; Feb. 14.
Compositions comprising chlorinated substances, Stable. G. Meyer. 2,166,604; July 18.
Compositions for fluid transmission of power. W. P. Smith. 2,156,130; Apr. 25.
Compositions for fluid transmission of power. W. P. Smith. 2,160,095; May 30.
Compositions from rubber and fatty acids and preparing the same. A. W. Ralston and W. M. Selby. 2,182,180; Dec. 5.
Compositions of matter. S. Caplan. 2,166,518; July 18.
Compositions of matter and methods and steps of making and using the same. M. T. Harvey. 2,165,140; July 4.
Compositions of matter containing antihygroscopic agents. H. L. Keil. 2,175,083; Oct. 3.
Compositions prepared from amylaceous substances. H. F. Bauer. 2,183,736; Dec. 19.
Compound abrading and brazing machine. L. A. Wilkie. 2,180,078; Nov. 14.
Compound engine. W. Rieger and O. H. Hartmann. 2,173,541; Sept. 19.
Compound for forming paints, plastics, and cements, Pulverulent dry. W. Zaisser. 2,178,770; Nov. 7.
Compound jack. C. F. Davey. 2,151,421; Mar. 21.
Compound of the diamino-acridinium series and preparing them. M. Bockmühl and O. Sievers. 2,145,070; Jan. 24.
Compounding system and suspension for weighing and testing machines. I. H. Hobson and C. A. Britton. 2,167,075; July 25.
Compounds and products produced thereby, Polymerization of halogen containing unsaturated. H. W. Starkweather and A. M. Collins. 2,163,250; June 20.
Compounds, Dehydration of moisture-containing. H. F. Willkie and C. S. Boruff. 2,165,950; July 11.
Compounds from aceto-halogen-sugars and nicotinic acid amide and manufacture of same. P. Karrer. 2,146,899; Feb. 14.
Compounds of cerium, Preparation of oxygen containing. J. Blumenfeld. 2,166,702; July 18.
Compounds of copper, arsenic, and a sulphmono-carboxylic acid and making them. F. E. Dearborn. 2,159,585; May 23.
Compounds of the androstane and pregnane series and producing the same. A. Butenandt and W. Logemann. 2,170,124; Aug. 22.
Compounds of the anthraquinone series. W. Dettwyler. 2,151,635; Mar. 21.
Compounds of the anthraquinone series. H. Hopff, H. Eichel, and A. Diebold. 2,152,480; Mar. 28.
Compounds of the anthraquinone series. A. Krause and R. Zell. 2,174,245; Sept. 26.
Compounds of the benzanthrone series. O. Stallmenn and W. M. Wentz. 2,148,042; Feb. 21.
Compounds of the coeranthrene and coerbianthrene series. H. Hopff and K. Heymann. 2,176,421; Oct. 17.
Compounds of the dibenzanthrone series. O. Stallmann. 2,183,626–7; Dec. 19.
Compounds of the dibenzanthrone series. O. Stallmann. 2,183,629–30; Dec. 19.
Compounds of the dihydroestrin series and making same, Partially esterified. K. Miescher and C. Scholz. 2,160,555; May 30.
Compounds of the perylene series. E. Clark. 2,179,920; Nov. 14.
Compounds of the perylene series, Producing. H. Neresheimer and A. Vilsmeier. 2,178,521; Oct. 31.

Compounds of the phthalocyanine series. J. S. Davies, M. Wyler, P. A. Barrett, and R. P. Linstead. 2,155,038; Apr. 18.
Compounds of the pyrazolanthrone series. E. E. Beard. 2,162,205–6; June 13.
Compounds of the pyrazolanthrone series. M. A. Perkins and C. E. Carr. 2,155,364; Apr. 18.
Compounds of the pyrazolanthrone series. M. S. Whelen. 2,155,369; Apr. 18.
Compressed products, Producing. C. Schuh. 2,156,309; May 2.
Compressing machine. F. J. Stokes. 2,168,075; Aug. 1.
Compression apparatus. W. Le Claire. 2,157,615; May 9.
Compression apparatus. M. G. Sateren. 2,178,811; Nov. 7.
Compression ignition engine. O. L. Starr. 2,155,776; Apr. 25.
Compression spring support. A. L. Riche. 2,182,856; Dec. 12.
Compression testing apparatus. E. Simpson, A. J. Stubbs, and T. Norcross. 2,156,877; May 2.
Compressional waves, Method and apparatus for utilizing high frequency. C. E. Weaver. 2,163,649; June 27.
Compressional waves, Producing high frequency. C. E. Weaver. 2,163,650; June 27.
Compressor. C. W. Albertson. 2,169,131; Aug. 8.
Compressor. R. E. Baker. 2,143,179; Jan. 10.
Compressor. C. A. Campbell. 2,143,180; Jan. 10.
Compressor. A. N. Gustafson. 2,160,860; June 6.
Compressor. J. Heinrich. 2,172,751; Sept. 12.
Compressor. G. R. Lyon. 2,169,807; Aug. 15.
Compressor. P. Maniscalco. 2,168,036; Aug. 1.
Compressor. C. S. Sorensen. 2,150,347; Mar. 14.
Compressor. W. W. Wishart. 2,155,460; Apr. 25.
Compressor, Air. L. J. Clapp. 2,150,912; Mar. 21.
Compressor, Air or gas. W. F. Jennings. 2,155,551; Apr. 25.
Compressor and electrodynamic actuating mechanism therefor. F. J. von Delden. 2,177,795; Oct. 31.
Compressor and power cylinder, Combined. W. F. Boldt and B. Dick. 2,162,797; June 20.
Compressor apparatus. S. Brown. 2,150,487; Mar. 14.
Compressor, Auto. R. Pateras Pescara. 2,152,972; Apr. 4.
Compressor, Axial flow turbo. C. Keller. 2,161,517; June 6.
Compressor, Centrifugal. E. C. Furrer. 2,142,187; Jan. 3.
Compressor control switch. J. F. Craig. 2,159,781; May 23.
Compressor control system. B. S. Aikman. 2,148,719; Feb. 28.
Compressor, Electric refrigerating. P. W. Des Roches. 2,167,879; Aug. 1.
Compressor for carbon dioxide snow. J. Kobold. 2,151,855; Mar. 28.
Compressor for hydraulic brakes. R. A. Goepfrich. 2,163,874; June 27.
Compressor for refrigerating apparatus, Rotary. R. M. Smith. 2,159,936; May 23.
Compressor, Gyratory. J. G. De Remer and G. W. Dunham. 2,158,109; May 16.
Compressor, Hydraulic air. G. W. Harris and J. Voss. 2,181,729; Nov. 28.
Compressor, Low pressure type refrigeration. F. R. Erbach. 2,171,787; Sept. 5.
Compressor lubricating device. J. C. McCune. 2,159,815; May 23.
Compressor lubricator. M. V. Cousins, M. W. Bond, W. W. Kirkpatrick, W. O. Nowlin, and W. R. King. 2,175,455; Oct. 10.
Compressor, Multistage. H. C. Guild. Re. 21,196; Sept. 5.
Compressor, Multistage. P. Maniscalco. 2,169,565; Aug. 15.
Compressor or pump. W. G. Pontis and C. H. Kindl. 2,162,639; June 13.
Compressor, Portable trail. T. P. Flynn and R. E. Neils. 2,166,780; July 18.
Compressor, pump, and the like. K. Grünert. 2,151,848; Mar. 28.
Compressor regulator. C. S. Baker. 2,166,789; July 18.
Compressor regulator. C. S. Baker. 2,171,285–6; Aug. 29.
Compressor regulator. A. O. Carpenter. 2,178,660; Nov. 7.
Compressor, Rotary. P. E. Good. 2,158,933; May 16.
Compressor shut-off valve. W. F. Boldt. 2,173,819; Sept. 26.
Compressor, Two-cylinder. C. R. Neeson. 2,179,268; Nov. 7.
Compressor unit. P. Maniscalco. 2,169,571; Aug. 15.
Compressor unit. J. A. Paasche. 2,144,662; Jan. 24.
Compressor unit. E. W. Patterson. 2,148,638; Feb. 28.
Compressor unit for refrigeration and other applications. L. Patrignani. 2,153,773; Apr. 11.
Compressor unloader. E. R. Wolfert. 2,165,741; July 11.
Compressor unloader, Automatic. C. G. Bach. 2,170,846; Aug. 29.
Compressor-unloader structure. H. C. Heller. 2,156,943; May 2.
Compressor unloading device. G. K. Newell. 2,155,236; Apr. 18.
Compressor, Variable capacity. E. M. Paullin, Jr. 2,167,369; July 25.
Compressor, Variable capacity. E. M. Paullin, Jr. 2,181,978; Dec. 5.
Computer, Ready. H. Watson. 2,153,733; Apr. 11.
Computing and like machine. G. G. Going. 2,172,749; Sept. 12.
Computing device. J. W. Lee. 2,156,568; May 2.
Computing device. C. O. Marshall. 2,147,304; Feb. 14.
Computing device. C. O. Marshall. 2,172,802; Sept. 12.
Computing machine. E. Beaumont. 2,167,620; Aug. 1.
Computing mechanism. R. Anschütz. 2,162,691; June 20.
Computing mechanism. W. L. Maxson. 2,145,843; Jan. 31.
Computing mechanism with bargain sale control for liquid dispensing apparatus. M. T. Mayes 2nd. 2,173,590; Sept. 19.
Concave spiral separator. F. Pardee. 2,145,315; Jan. 31.
Concentrates from antioxygenic vegetative substances. S. Musher. 2,176,029; Oct. 10.
Concentrates, Making. F. J. Horvath. 2,145,395; Jan. 31.
Concentrating apparatus. H. F. Smith. 2,176,645; Oct. 17.
Concentrating apparatus. C. E. Wood. 2,180,574; Nov. 21.
Concentrator, Centrifugal. O. J. Lonergan. 2,147,102; Feb. 14.
Concentrator, Dry. H. A. Adams. 2,144,671; Jan. 24.
Concentrator for hygroscopic solutions. H. J. Kaufman. 2,156,293; May 2.
Concentrator, Rotary. R. M. MacCormac. 2,155,432; Apr. 25.
Conchona sulphanilamide and making it. E. H. Stuart. 2,145,800; Jan. 31.
Concordance restoring system for distant controlling means. E. Granat. 2,160,779; May 30.
Concrete, Apparatus for emplacing. W. P. Day. 2,180,198; Nov. 14.
Concrete article having a glossy surface resistant to water spotting, and making, Cast. O. H. Greager and G. D. Patterson. 2,143,004; Jan. 10.
Concrete box joint. T. Hamlin and J. H. Hood. 2,155,823; Apr. 25.
Concrete building block. M. A. Knapp. 2,181,814; Nov. 28.
Concrete, Curing. H. P. Hayden. 2,143,515; Jan. 10.
Concrete cutting device. G. W. Hirth. 2,159,699; May 23.
Concrete expansion and contraction joint. C. Older. 2,167,904; Aug. 1.
Concrete laying and placing machine. H. M. Hadley. 2,179,553; Nov. 14.
Concrete mixer. R. M. Hoya. 2,175,464; Oct. 10.
Concrete mixer. A. W. Rybeck. 2,179,104; Nov. 7.
Concrete mixer. S. M. Skrzynski. 2,159,184; May 23.
Concrete monolithic structures, Constructing reinforced. E. Freyssinet. 2,172,703; Sept. 12.
Concrete pipe, Reinforced. E. Hering. 2,179,629; Nov. 14.
Concrete placement machine. C. Jackson. 2,150,325; Mar. 14.
Concrete placing apparatus. C. Jackson. 2,150,326; Mar. 14.
Concrete placing apparatus. C. Jackson. 2,154,207; Apr. 11.
Concrete placing apparatus. C. Jackson. 2,163,882; June 27.
Concrete placing machine. C. Jackson. 2,154,206; Apr. 11.
Concrete, Preparing. M. A. Morrissey and A. F. Moore. 2,167,156; July 25.
Concrete pump. H. S. Murray. 2,168,779; Aug. 8.
Concrete riprap. D. A. Buzzell. 2,159,685; May 23.
Concrete step mold. L. Samonds. 2,155,908; Apr. 25.
Concrete structures, Building. A. Y. Preble. 2,156,027; Apr. 25.
Concrete structures, Erecting. J. Hallisy. 2,150,830; Mar. 14.
Concrete structures, Method and apparatus for forming. H. S. Curren. 2,160,647; May 30.
Concrete systems, Water-distributing system for. C. I. Bohmer and R. F. Gatch. 2,159,499; May 23.
Concrete unit assembly for wall construction. B. F. Krehbiel. 2,143,988; Jan. 17.
Concrete vault mold. A. Jakobsen. 2,148,815; Feb. 28.
Condensate return system. L. D. Goff and R. O. Monroe. 2,153,117; Apr. 4.
Condensation of hydrocarbons, Catalytic. R. D. Pinkerton and W. Mendius. 2,177,579; Oct. 24.
Condensation polyamides, Preparing linear. E. W. Spanagel. 2,163,636; June 27.
Condensation product and aqueous solutions thereof. E. Koch, C. Thomsen, and K. Dachlauer. 2,171,963; Sept. 5.
Condensation product from p-dichlorbenzol and sulphuric anhydride and its derivatives. W. Seel. 2,171,166; Aug. 29.
Condensation product having an amidelike structure. J. Huismann. 2,165,484; July 11.
Condensation products. W. Bockemullër. 2,179,809; Nov. 14.

Condensation products. H. A. Bruson and C. W. MacMullen. 2,178,829; Nov. 7.
Condensation products and preparing them. A. Brunner. 2,180,791; Nov. 21.
Condensation products and preparing them. M. Paquin. 2,155,328; Apr. 18.
Condensation products and their manufacture, Basic. V. Kartaschoff. 2,180,809; Nov. 21.
Condensation products containing phosphorus and their manufacture, Water soluble. J. Schäfer. 2,180,260 Nov. 14.
Condensation products derived from amines and producing them. H. Schuette and M. Wittwer. 2,174,762; Oct. 3.
Condensation products derived from carboxylic acids and producing them. H. Schuette and M. Wittwer. 2,174,760; Oct. 3.
Condensation products derived from hydroxy compounds and producing them. H. Schuette and M. Wittwer. 2,174,761; Oct. 3.
Condensation products from crotonaldehyde, Production of high molecular hydroxylated. W. Schmidt, J. Thewalt, and A. Rothhass. 2,178,523; Oct. 5.
Condensation products from cyano-acetic acid arylides. F. Felix and R. Ruegg. 2,166,487; July 18.
Condensation products from formaldehyde and urea. O. Süssenguth. 2,163,264; June 20.
Condensation products from hydrogen sulphide and acetylene, Production of. W. Reppe and F. Nicolai. 2,156,095; Apr. 25.
Condensation products having tanning action, Producing. H. Schuette. 2,179,800; Nov. 14.
Condensation products of aromatic hydrocarbons with unsaturated aliphatic hydrocarbons, Production of. H. M. Stanley, G. Minkoff, and J. E. Youell. 2,143,493; Jan. 10.
Condensation products of halogenated aromatic hydrocarbons with triglycerides. A. F. Bowles and S. Kaplan. 2,144,324; Jan. 17.
Condensation products of high molecular split-off products of albumin with higher fatty acids as cosmetic products, Improving the properties of. F. Sommer and M. Nassau. 2,151,241; Mar. 21.
Condensation products of hydrolized protein material and their manufacture. G. Meyer. 2,183,856; Dec. 19.
Condensation products of the perylene series. H. Neresheimer and A. Vilsmeier. 2,158,296; May 16.
Condensation products of the phenol-formaldehyde type. H. Hönel and A. Zinke. 2,162,172; June 13.
Condensation products of totally hydrolized protein material and products thereof, Manufacture of. G. Meyer. 2,143,490; Jan. 10.
Condensation products, Preparing. L. Orthner and W. Selle. 2,143,228; Jan. 10.
Condensation products, Producing resinlike. K. Stickdorn. 2,153,318; Apr. 4.
Condensation products, Water-soluble. H. Noerr and G. Mauthe. 2,177,420; Oct. 24.
Condensation reaction. D. J. Loder. 2,158,031; May 9.
Condensation trap. F. C. Schirmer. 2,180,747; Nov. 21.
Condenser: *See*—
Adjustable dual condenser.
Compensated condenser.
Compensating condenser.
Countercurrent condenser.
Dielectrolytic condenser.
Dry electrolytic condenser.
Electric condenser.
Electrical condenser.
Electrolytic condenser.
Evaporative condenser.
High frequency condenser.
Lint condenser.
Radio power filter condenser.
Surface condenser.
Vapor condenser.
Variable condenser.
Condenser. W. E. Fisher. 2,150,678; Mar. 14.
Condenser. G. T. Kohman. 2,171,127; Aug. 29.
Condenser. C. de Lenge. 2,148,607; Feb. 28.
Condenser. F. J. McGovern. 2,167,028; July 25.
Condenser. D. W. R. Morgan. 2,142,367; Jan. 3.
Condenser. W. Scheppmann. 2,156,099; Apr. 25.
Condenser. J. J. Thompson. 2,182,183; Dec. 5.
Condenser. C. B. Tuley and J. W. McNulty. 2,162,871; June 20.
Condenser adjuster, Precision. V. Clarke. 2,162,061; June 13.
Condenser and making same, Electrical. K. E. Schimkus. 2,146,029; Feb. 7.
Condenser and making same, Electrolytic. N. Schnoll and L. W. Appleton. 2,151,806; Mar. 28.
Condenser and making the same. J. G. Bergdoll. 2,146,614; Feb. 7.
Condenser and making the same, Electrolytic. C. de Lange and A. J. J. Lambeek. 2,183,092; Dec. 12.
Condenser and making the same, Electrolytic. D. E. Gray. 2,182,376; Dec. 5.
Condenser and making the same, Vapor. A. D. Rapuano. 2,152,280; Mar. 28.
Condenser and producing same, Electrolytic. D. E. Gray. 2,166,990; July 25.
Condenser apparatus. J. P. Lidiak. 2,173,492; Sept. 19.
Condenser apparatus. U. A. Taddiken. 2,158,842; May 16.
Condenser apparatus. U. A. Taddiken. 2,176,475; Oct. 17.
Condenser apparatus. C. B. Tuley and D. W. R. Morgan. 2,180,840; Nov. 21.
Condenser arrangement. L. F. Whitney. 2,166,190; July 18.
Condenser bank, Trimmer. L. C. Johnson. 2,179,093; Nov. 7.
Condenser construction. C. M. Blackburn. 2,144,959; Jan. 24.
Condenser construction, Electrical. R. E. Cramer. 2,167,877; Aug. 1.
Condenser for high tension circuits, Electrical. J. K. Webb. 2,161,326; June 6.
Condenser for refrigerators. J. Winters. 2,181,354; Nov. 28.
Condenser having spiral electrodes, Slidable. W. L. L. Vivie. 2,177,849; Oct. 31.
Condenserlike objects, Arrangement for measuring the losses in. W. Geyger. 2,149,256; Mar. 7.
Condenser, Making electrical. E. C. Rearick. 2,161,888; June 13.
Condenser of the trimmer type, Three-section. F. N. Jacob and M. J. Kirk. 2,158,127; May 16.
Condenser plate mounting, Variable. H. Nelson. 2,155,201; Apr. 18.
Condenser terminal, Electrolytic. C. M. Blackburn. 2,172,604; Sept. 12.
Condenser tube. R. A. Wilkins. 2,153,977; Apr. 11.
Condenser tube protector. T. J. Bay. 2, 157,107; May 9.
Condenser tubes and the like from corrosion salt deposition, Protecting. J. C. Bolinger, W. A. Howard, and P. Woolley. 2,162,933; June 20.
Condenser vent. A. M. Georgiev and P. F. Koehly. 2,178,686; Nov. 7.
Condenser with dielectric of polymeric material, Electrical. P. Schupp and F. Wilke. 2,177,266; Oct. 24.
Condensers, Making electrical. W. Dubilier. 2,143,369; Jan. 10.
Condensers, Manufacturing electrical. F. Weiss. 2,166,852; July 18.
Condensers, Process and device for the production of electrolytic. B. Springer. 2,163,213; June 20.
Condensers, Reduction drive for variable. V. Petersen. 2,167,677; Aug. 1.
Condensing agents, Recovering. A. H. Gleason. 2,167,358; July 25.
Condensing, Method of and apparatus for. F. R. Kemmer. 2,164,410; July 4.
Condiment container. J. O. Simington. 2,173,542; Sept. 19.
Condiment container. C. Vitek. 2,156,554; May 2.
Condiment dispenser. W. P. and T. L. Hull. 2,184,302; Dec. 26.
Condiment dispenser. F. Köstenberger. 2,166,302; July 18.
Condiment dispenser. M. J. Stickles and L. F. Schakel. 2,174,142; Sept. 26.
Condiment holder. E. Dolar. 2,182,622–3; Dec. 5.
Condiment holder. G. E. Edwards. 2,155,534; Apr. 25.
Condiment holder. A. and I. Little. 2,172,127; Sept. 5.
Condiment holder. H. C. Naylor. 2,176,184; Oct. 17.
Condiment holder, Combination. J. Flask and E. Geer. 2,145,976; Feb. 7.
Condition control system. H. R. Crago. 2,182,691; Dec. 5.
Condition controller. P. S. Bear and R. Billings. 2,167,824; Aug. 1.
Condition controller. E. H. Hammond. 2,175,351; Oct. 10.
Condition responsive switch. C. G. Kronmiller and H. E. Malone. 2,171,272; Aug. 29.
Conductor, Asymmetrical. G. O. Smith. 2,143,824; Jan. 10.
Conductor, Asymmetrical. G. O. Smith. 2,162,362; June 13.
Conductor. Divisible electric. H. H. Wermine. 2,176,233; Oct. 17.
Conductor, Electric. D. R. Brobst. 2,178,365; Oct. 31.
Conductor, Electrical. D. K. Crampton and H. L. Burghoff. 2,155,405–7; Apr. 25.
Conductor, Electrical. H. F. Silliman. 2,183,592; Dec. 19.
Conductor, Flexible stranded. H. V. Wodtke. 2,154,551; Apr. 18.
Conductor, Hollow. W. Lowe. 2,184,391–2; Dec. 26.
Conductor, Insulated. C. R. Colbree. 2,166,796; July 18.
Conductor, Insulated. E. C. Strube. 2,179,965; Nov. 14.
Conductor, Insulating leading-in. D. S. Gustin. 2,142,841; Jan. 3.
Conductor line for ultra-short electromagnetic waves. W. Dällenbach. 2,178,299; Oct. 31.
Conductor protector. R. R. Pittman and C. H. Walsh. 2,151,525; Mar. 21.
Conductor sealed through metallic casing, Assembling lead-in. W. E. Bahls. 2,147,418; Feb. 14.
Conductor support. L. A. Meisse. 2,155,234; Apr. 18.
Conductor system, High frequency. J. W. Milnor. 2,150,451; Mar. 14.
Conductor terminal. M. Offner. 2,157,007; May 2.
Conductor, Tubular. F. Unterbusch. 2,165,737; July 11.
Conductors. Apparatus for making insulated electrical. E. D. Bent. 2,144,868; Jan. 24.
Conductors, Method and apparatus for producing coated rubber-insulated. C. W. Abbott. 2,175,099; Oct. 3.
Conductors, Treating insulated electrical. S. E. Brillhart. 2,148,526; Feb. 28.
Conduit and coupling therefor and making same, Flexible. I. Cowles. 2,177,095; Oct. 24.
Conduit and electrical conductor, Combination fluid. W. J. Crites and D. R. Knowlton. 2,178,931; Nov. 7.
Conduit box and its attachable accessories, Electric. W. L. Myers. 2,143,278; Jan. 10.

Conduit cleaner. P. P. M. Dubosclard. 2,161,028; June 6.
Conduit construction. R. E. Peck. 2,180,644; Nov. 21.
Conduit fitting, Electrical. C. E. Rutherford. 2,144,391; Jan. 17.
Conduit for lawn mower motors. H. J. Stegeman. 2,172,992; Sept. 12.
Conduit forming mechanism. H. W. Parrish and L. G. Dickeson. 2,162,355; June 13.
Conduit, Jointed. B. H. Miller. 2,154,407; Apr. 11.
Conduit system for buildings, Air. H. E. Durst. 2,160,132; May 30.
Conduit, Tubular. H. Rodman. 2,175,412; Oct. 10.
Conduit with end fittings, Flexible. A. E. Brickman and G. A. Gleason. Re. 21,006; Feb. 21.
Conduits, Controlling air. L. H. Bingham. 2,181,961; Dec. 5.
Cone bearing. K. Ehrlich. 2,185,056; Dec. 26.
Cone cutter support. F. L. Scott. 2,147,927; Feb. 21.
Cone molding machine. M. Broff. 2,148,148; Feb. 21.
Cone, Thread carrying. J. H. Gritman. 2,149,766; Mar. 7.
Confection. M. N. Dodge. 2,181,109; Nov. 21.
Confection. N. Frediani. 2,167,353; July 25.
Confection. W. S. Hackett. 2,160,730; May 30.
Confection and making the same, Frozen. E. M. Peterson. 2,176,408; Oct. 17.
Confection and novelty toy. J. F. Robb. 2,156,482; May 2.
Confection machine. W. J. and R. J. Taylor. 2,166,381; July 18.
Confection making apparatus. H. E. Bianchi. 2,163,580; June 27.
Confection, Producing a frozen. E. J. Lockwood. 2,173,850; Sept. 26.
Confectionery molding apparatus, Frozen. J. W. West. 2,145,906; Feb. 7.
Confectionery molding machine. L. K. Llewellyn and A. R. Barton. 2,145,399; Jan. 31.
Confectionery product and making the same, Frozen. A. H. Bayer. 2,182,784; Dec. 12.
Confectionery products, Apparatus for harvesting frozen. N. M. Thomas. 2,172,183; Sept. 5.
Confections and the like, Apparatus for filling soft-center. H. Thürlings. 2,184,405; Dec. 26.
Confections, Apparatus for forming. W. J. Murphy. 2,159,338; May 23.
Confections, Apparatus for making composite frozen. L. D. Overland. 2,145,696; Jan. 31.
Confections, Apparatus for molding composite frozen. N. M. Thomas. 2,147,583; Feb. 14.
Confections, Making multiflavored or composite frozen. N. M. Thomas. 2,179,225; Nov. 7.
Confections, Manufacture of. H. E. Bianchi. 2,163,579; June 27.
Confections, Manufacture of frozen. E. M. Peterson. 2,176,409; Oct. 17.
Confections, Manufacture of frozen. F. R. Stamp. 2,151,282; Mar. 21.
Confections, Manufacture of gum. A. D. Fuller. 2,173,878; Sept. 26.
Connecter: *See*—
Electrical connecter. Solderless connecter.
Connecter. C. G. Beersman. 2,143,342; Jan. 10.
Connecter. H. L. Hartzell. 2,143,110; Jan. 10.
Connecter for bracelets, Extensible. H. P. Bennett. 2,145,680; Jan. 31.
Connecter, Tap. A. A. Berndt. 2,157,846; May 9.
Connecting and locking puller. F. S. Cartwright. 2,142,494; Jan. 3.
Connecting device, Electrical. L. W. Cole and C. I. Smith. 2,167,608; July 25.
Connecting means. F. E. Bertrand. 2,173,155; Sept. 19.
Connecting means and making same. E. M. Splaine and T. C. Jarrett. 2,160,686; May 30.
Connecting means, Screw-threaded. W. Heyner and H. Henkel. 2,156,338; May 2.
Connecting mechanism. R. L. Hall. 2,183,138; Dec. 12.
Connecting or securing means. E. Renneberg. 2,160,675; May 30.
Connecting rod. J. W. Botsford. 2,160,012; May 30.
Connecting rod. H. C. Hill. 2,150,548; Mar. 14.
Connecting rod. F. E. Kling and H. F. Shaw. 2,159,165; May 23.
Connecting rod, Collapsible. C. C. Smith. 2,156,548; May 2.
Connecting rod, Link type. W. Bruse. 2,149,419; Mar. 7.
Connecting rod, Variable stroke. J. Dusevoir and G. S. Edwards. 2,174,780; Oct. 3.
Connection and cross head guide, Rod. H. O. Hedges. 2,171,554; Sept. 5.
Connection and making same, Boiler sheet and tube. J. J. Desmond. 2,166,890; July 18.
Connection apparatus, Electrical. H. A. Douglas. 2,164,201–2; June 27.
Connection attachment for tool machines, Safety indicator. S. Toth. 2,175,930; Oct. 10.
Connection, Battery terminal. S. E. Carlson. 2,176,060; Oct. 17.
Connection, Bedspread coupling. L. Scalera. 2,160,174; May 30.
Connection block terminal. A. R. Kuhn. 2,150,099; Mar. 7.
Connection, Bolted. J. C. Welch and M. P. Wilder. 2,159,346; May 23.
Connection, Cable. G. Jurkat. 2,176,137; Oct. 17.
Connection, Cushioned. F. L. Haushalter. 2,142,872; Jan. 3.
Connection, Detachable. W. Forstner. 2,178,572; Nov. 7.
Connection device. L. X. Antelme. 2,158,890; May 16.
Connection, Driving. A. B. Arnold and B. Spieth. 2,156,047; Apr. 25.
Connection, Electric wiring. L. Budnick. 2,166,621; July 18.
Connection, Electrical. C. E. Carson. 2,143,645; Jan. 10.
Connection, Electrical. C. E. Carson. 2,175,251; Oct. 10.
Connection, Electrical. S. M. Del Camp. 2,169,962; Aug. 15.
Connection, Electrical cord. E. F. Alstrom, Jr. 2,165,952; July 11.
Connection, Flexible lead. W. T. Allen and O. Maseng. 2,166,333; July 18.
Connection, Flexible supporting. J. F. Bolton and A. Birch. 2,182,579; Dec. 5.
Connection for balancing machines, Flexible driving. J. Lundgren. 2,146,547; Feb. 7.
Connection for constructional elements, Quick. E. Becker. 2,172,827; Sept. 12.
Connection for continuous structures. R. E. Tarbet. 2,171,326; Aug. 29.
Connection for electric signs, Electrical. H. L. Kresge. 2,147,847; Feb. 21.
Connection for filament and lead wires. W. J. Meeker and L. Renftle. 2,145,186; Jan. 24.
Connection for hydrants, Breakable. J. S. Kiesel. 2,166,412; July 18.
Connection for loom swords, Eccentric. W. H. Bahan. 2,154,655; Apr. 18.
Connection for pitman rods. W. Vutz. 2,170,042; Aug. 22.
Connection for rail points, Adjustable. S. L. Eastburn and G. M. Cooper. 2,155,820; Apr. 25.
Connection for slush pumps, Suction line. A. J. and K. T. Penick, and R. F. Davis. 2,166,836; July 18.
Connection for storage batteries, Electrical. K. E. Odell 2,159,042; May 23.
Connection for toggle actions, Automatic fluid. A. O. Gates, O. H. Pearson, and G. Pearson. 2,171,235; Aug. 29.
Connection for vessels, Alloy-lined tubular. S. Straty. 2,157,357; May 9.
Connection in metallic structures. G. M. Deming. 2,146,332; Feb. 7.
Connection, Male swivel nut. N. M. Couty. 2,172,650; Sept. 12.
Connection, Male swivel nut. N. M. Couty. 2,175,456; Oct. 10.
Connection means, Electrical. H. A. Douglas. 2,164,200; June 27.
Connection means, Electrical. H. A. Douglas. 2,164,203; June 27.
Connection, Piano action. A. H. Morse. 2,167,670; Aug. 1.
Connection, Pipe. E. M. Burke. 2,171,681; Sept. 5.
Connection, Pipe. P. F. Donahue. 2,165,622; July 11.
Connection, Pipe. P. F. Donahue and W. P. Ferguson. 2,165,621; July 11.
Connection, Pipe. J. E. Miller. 2,177,438; Oct. 24.
Connection, Pitman rod. W. Vutz. 2,170,041; Aug. 22.
Connection, Polyphase transformer. E. Friedländer. 2,172,197; Sept. 5.
Connection, Screw. W. Heyner and H. Henkel. 2,172,350; Sept. 12.
Connection, Sucker rod. H. F. Richter. 2,162,123; June 13.
Connection, Swivel electric. J. F. Mose. 2,181,145; Nov. 28.
Connection system for television tubes. K. Schlesinger. 2,144,775; Jan. 24.
Connection, Tie rod. J. W. Leighton. 2,144,162; Jan. 17.
Connection, Trailer hitch. N. W. Brent. 2,178,467; Oct. 31.
Connection, Truck and trailer. R. A. Fontaine. 2,142,748; Jan. 3.
Connection, Universal. C. R. Craver. 2,157,401; May 9.
Connection, Wash line drive. H. C. Block. 2,153,822; Apr. 11.
Connection, Wire. A. H. Schafer. 2,150,404; Mar. 14.
Connection with truck power unit, Automatic semitrailer power hoist. W. S. Gurton, J. Flint, and H. Nyberg. 2,180,048; Nov. 14.
Connection, Wrist watch and bracelet. F. S. Moody and L. R. Pauwels. 2,163,208; June 20.
Connections, Making. P. L. Scott. 2,148,652; Feb. 28.
Connector: *See*—
Battery cable connector.
Battery connector.
Battery terminal connector.
Bed rail connector.
Belt and belt connector.
Belt connector.
Bracelet connector.
Cable connector.
Chimney connector.
Detachable electrical connector.
Electric connector.
Electrical connector.
Fixture connector.
Hose connector.
Knitting needle connector.
Lamp connector.
Multiple contact connector.
Noncorrosive electrical connector.
Pipe connector.
Plug and socket connector.

Connector: *See*—
Pronged-device connector.
Ring timber connector.
Separable connector.
Separable electrical connector.
Socket and plug connector.
Solderless connector.
Split-belt connector.
Tackle connector.
Terminal connector.
Train line connector.
Wire connector.

Connector. A. A. Berndt and H. C. Nycum. 2,166,458; July 18.
Connector. W. C. Buttner. 2,172,863; Sept. 12.
Connector. J. A. Cryer. 2,180,866; Nov. 21.
Connector. H. A. Douglas. 2,178,337; Oct. 31.
Connector. R. A. Goeller. 2,163,677; June 27.
Connector. W. A. Harrington. 2,164,612; July 4.
Connector. A. J. Hixon. 2,159,153; May 23.
Connector. C. J. Lemont. 2,162,561; June 13.
Connector. J. M. Nickelsen. 2,149,621–2; Mar. 7.
Connector. M. H. Ryan. 2,165,656; July 11.
Connector. N. B. White. 2,174,811; Oct. 3.
Connector and method of assembly, Electric. W. H. Kitto. 2,177,989; Oct. 31.
Connector and producing same, Composite pipe. R. W. Shoemaker. 2,175,575; Oct. 10.
Connector and support for frangible bodies, Resilient. C. W. Davis. 2,153,533; Apr. 11.
Connector assembly, Method of. M. Alden. 2,168,382; Aug. 8.
Connector block. M. Rose and N. A. Judsen. 2,158,305; May 16.
Connector device, Shielded. O. Schneider. 2,163,412; June 20.
Connector equipment, Electric. E. O. Ericson. 2,176,456; Oct. 17.
Connector for bag straps and the like. D. I. Reiter. 2,155,801; Apr. 25.
Connector for bailers and sand pumps. B. P. Wininger. 2,152,298; Mar. 28.
Connector for belts. A. L. Freedlander. 2,176,734; Oct. 17.
Connector or terminal, Electric. J. J. Jolliffe. 2,159,163; May 23.
Connector structure. R. J. Sutton. 2,172,181; Sept. 5.
Connector with reinforcing follower. J. Rogoff. 2,180,931; Nov. 21.
Connector with sheet metal jaws. J. Rogoff. 2,148,173; Feb. 21.
Connectors, Making electrical. F. W. Mebold. 2,179,753; Nov. 14.
Conservatory, Adjustable window. J. Steinmetz. 2,156,746; May 2.
Consistency control device. S. E. Meyers. 2,171,312; Aug. 29.
Console table, Extensible. A. Marino. 2,152,703; Apr. 4.
Constant-capacity feeder. E. V. Francis and J. A. Flint. 2,164,812; July 4.
Constant-fit bearing. G. S. Morison. 2,155,766; Apr. 25.
Constant voltage generator. H. E. Wilber. 2,180,327; Nov. 14.
Constituents of organic mixtures containing both resin acids and fatty acids, particularly tall oil, Separation of the. F. H. Gayer and C. E. Fawkes. 2,166,812; July 18.
Construction and structure resulting therefrom, Method of. H. B. Littlefield. 2,178,667; Nov. 7.
Construction element. A. Davis, Jr. 2,182,015; Dec. 5.
Construction material. A. C. Fischer. 2,162,687; June 13.
Construction system. H. P. Ford. 2,166,658; July 18.
Construction unit. J. E. Willetts. 2,179,019; Nov. 7.
Constructional figure. W. R. Corswirt. 2,149,254; Mar. 7.
Contact. C. B. Gwyn, Jr. 2,143,375; Jan. 10.
Contact apparatus, Countercurrent. D. S. McKittrick. 2,164,193; June 27.
Contact apparatus such as distillation apparatus, Gas liquid. C. R. Harte, Jr. 2,143,877; Jan. 17.
Contact assembly for double-surfaced rectifier elements. C. C. Hein. 2,157,895; May 9.
Contact device. R. Van Wynen. 2,158,164; May 16.
Contact device, Sound operated. L. Heck and R. Schwarz. 2,161,416; June 6.
Contact, Electric. F. R. Hensel and E. F. Swazy. 2,180,826; Nov. 21.
Contact filtration of viscous lubricating oils for decolorization. C. F. Tears. 2,171,377; Aug. 29.
Contact jaw. J. G. Jackson. 2,146,628; Feb. 7.
Contact, Laminated. J. A. Payette. 2,181,083; Nov. 21.
Contact masses from gels and the like, Preparation of. G. R. Bond, Jr. 2,146,718; Feb. 14.
Contact member and making same, Electrical. W. H. Churchill. 2,180,921; Nov. 21.
Contact rectifier. R. C. Hitchcock. 2,151,762; Mar. 28.
Contact, Silver-indium. F. R. Hensel and K. L. Emmert. 2,157,933; May 9.
Contact structure for three-position relay mechanisms. O. S. Field. 2,176,020; Oct. 10
Contact structure, Separable. W. H. Frank. 2,154,237; Apr. 11.
Contact to copper-oxide rectifiers, External. L. T. Bourland. 2,165,029; July 4.
Contact, Torsion grip. F. M. Clement. 2,154,302; Apr. 11.
Contact unit, Yielding. F. H. Cole. 2,175,878; Oct. 10.
Contacting apparatus. J. W. Brown. 2,161,405; June 6.
Contacting element. F. R. Hensel and E. I. Larsen. 2,145,792; Jan. 31.
Contacting element. F. R. Hensel and E. I. Larsen. 2,182,381; Dec. 5.
Contacting element, Electric. F. R. Hensel. 2,180,956; Nov. 21.
Contacting element, Electrical. F. R. Hensel and K. L. Emmert. 2,166,248; July 18.
Contactor bases for electric lamps, tubes, and the like, Making. C. W. Haller. 2,158,044; May 9.
Contactor construction. H. L. Van Valkenburg. 2,145,327; Jan. 31.
Contactor, Electrical. D. Ellis and G. C. Armstrong. 2,147,430; Feb. 14.
Contactor, Electrical torsion. F. M. Clement. 2,154,301; Apr. 11.
Contactor, Magnetic impulse. M. V. Green. 2,171,124; Aug. 29.
Contactor, Mercury. C. Chilowsky. 2,150,053; Mar. 7.
Contactor, Pneumatically operated electric. C. H. Rippl. 2,168,629; Aug. 8.
Contactor, Spring pin. S. F. Lybarger and A. E. Pelz. 2,143,564; Jan. 10.
Contacts, Electrical make and break. F. R. Hensel and K. L. Emmert. 2,165,481; July 11.

Container: *See*—
Arm rest container.
Article container.
Ash receiving container.
Bait container.
Brick container.
Canister container.
Casket container.
Coated container.
Collapsible container.
Collapsible display container.
Condiment container.
Cosmetic container.
Dispensing container.
Display container.
Dry-sealing container.
Dust container.
Egg container.
Electric shampoo container.
Electrically heated container.
Evacuated container.
Floating top container.
Flux container.
Folding container.
Freight container.
Gnaw-proof container.
Grease container.
Hot liquid container.
Ice cream cone packing container.
Ice cream container.
Key container.
Lipstick and perfume container.
Lipstick container.
Liquid dispensing container.
Lightproof shipping container.
Live bait container.
Loading coil container.
Lunch container.
Match container.
Medicinal container.
Metal container.
Metallic container.
Milk container.
Mustard container.
Moistureproof container.
Oil dispensing container.
Parachute pack container.
Pocket toilet set container
Powder container.
Proprietary container.
Protective container.
Self-locking container.
Sheet metal container.
Shipping and display container.
Shipping container.
Shipping display container.
Slide-cover container.
Spice container.
Test container.
Tobacco container.
Tooth brush and paste container.
Toy container.
Tube and other container.
Tubular container.
Vacuum sealed container.
Watch container.
Waterproof container.
Whipping and display container.

Container. J. E. Annen. 2,150,308; Mar. 14.
Container. J. E. Annen. 2,172,157; Sept. 5.
Container. H. C. Aument. 2,176,950; Oct. 24.
Container. G. J. Bachmeyer. 2,142,101; Jan. 3.
Container. R. L. Bangs. 2,149,412; Mar. 7.
Container. A. B. Barnes. 2,160,816; June 6.
Container. J. R. Bedell. 2,180,858; Nov. 21.
Container. F. Benedetti. 2,153,911; Apr. 11.
Container. D. Bensel. 2,147,117; Feb. 14.
Container. R. M. Bergstein. 2,154,083; Apr. 11.
Container. J. E. Bevington. 2,169,892; Aug. 15.
Container. G. W. Boh. 2,167,751; Aug. 1.
Container. E. W. Bonfield. 2,151,733; Mar. 28.
Container. T. Y. Brooke. 2,173,093; Sept. 19.
Container. J. D. Buckingham. 2,173,227; Sept. 19.
Container. J. B. Calva and T. F. Barnes. 2,172,864; Sept. 12.
Container. C. Campbell. 2,150,152; Mar. 14.
Container. H. G. Carsley. 2,169,520; Aug. 15.
Container. W. E. Caten. 2,179,227; Nov. 7.
Container. J. T. Chapman. 2,143,646; Jan. 10.
Container. G. O. Conner. 2,173,712; Sept. 19.
Container. D. Da Rold. 2,152,400; Mar. 28.
Container. E. L. Diot. 2,183,093; Dec. 12.
Container. H. A. Eggerss. 2,162,396; June 13.
Container. E. G. Ellstrom. 2,164,055; June 27.
Container. H. A. Enrich. 2,164,506; July 4.
Container. C. E. Evans. 2,146,536; Feb. 7.
Container. H. A. Fink and J. Haycock. 2,168,097; Aug. 1.
Container. E. W. Fleissig. 2,184,712; Dec. 26.
Container. L. Fried. 2,176,898; Oct. 24.
Container. G. A. Gerard. 2,148,454; Feb. 28.
Container. P. M. Gilfillan. 2,169,638; Aug. 15.
Container. C. H. Gullion and C. P. Evans. 2,158,118; May 16.
Container. H. J. Hayes. 2,167,947; Aug. 1.
Container. F. G. Henry. 2,184,799; Dec. 26.

Container. C. A. Hirschberg. 2,161,295; June 6.
Container. C. Hofmann and A. Kneip. 2,174,855; Oct. 3.
Container. J. M. Hothersall. 2,148,468; Feb. 28.
Container. J. M. Hothersall. 2,180,357; Nov. 21.
Container. W. J. Ilg. 2,151,702; Mar. 28.
Container. A. E. Johnson. 2,182,615; Dec. 5.
Container. M. Katz. 2,144,336; Jan. 17.
Container. C. W. Kelsey. 2,161,060; June 6.
Container. W. Kline. 2,171,934; Sept. 5.
Container. R. L. Kryder. 2,144,318; Jan. 17.
Container. J. C. La Grua. 2,161,873; June 13.
Container. R. L. Larsh. 2,148,480; Feb. 28.
Container. M. P. Link. 2,158,549; May 16.
Container. H. A. Lipkin. 2,142,793; Jan. 3.
Container. J. Maas. 2,182,261; Dec. 5.
Container. D. E. Mackenzie. 2,181,569; Nov. 28.
Container. H. G. Mann and W. F. Kinney. 2,182,813; Dec. 12.
Container. J. F. and P. F. Martter. 2,153,263; Apr. 4.
Container. W. B. Massey. 2,162,853; June 20.
Container. L. W. Milos. 2,179,667; Nov. 14.
Container. G. A. Moore. 2,152,322–3; Mar. 28.
Container. G. A. Moore. 2,179,231; Nov. 7.
Container. W. L. Moore. 2,155,057; Apr. 18.
Container. J. H. Murch. 2,163,619; June 27.
Container. H. L. Myers. 2,160,620; May 30.
Container. H. New. 2,145,430; Jan. 31.
Container. K. K. Newsom. 2,142,142; Jan. 3.
Container. A. H. Oldham. 2,148,637; Feb. 28.
Container. G. Örström. 2,170,378; Aug. 22.
Container. J. E. Page. 2,157,302; May 9.
Container. F. D. Palmer. 2,160,164; May 30.
Container. M. J. Parnin. 2,176,274; Oct. 17.
Container. J. F. Peters. 2,172,404; Sept. 12.
Container. J. F. Peters. 2,183,585; Dec. 19.
Container. H. K. Powell. 2,146,984; Feb. 14.
Container. H. E. Raymond. 2,144,273; Jan. 17.
Container. W. A. Ringler. 2,160,488; May 30.
Container. W. A. Ringler. 2,163,703; June 27.
Container. W. A. Ringler. 2,176,944; Oct. 24.
Container. C. A. Ritter. 2,143,250; Jan. 10.
Container. J. N. Royal. 2,180,882; Nov. 21.
Container. R. E. Rutledge. 2,172,179; Sept. 5.
Container. K. Schmidt. 2,178,188; Oct. 31.
Container. H. D. Schrier. 2,164,354; July 4.
Container. H. Schwartz. 2,172,457; Sept. 12.
Container. H. Sebell. 2,184,758; Dec. 26.
Container. A. L. Sherwood and J. E. Annen. 2,146,861; Feb. 14.
Container. A. G. Shields. 2,175,673–4; Oct. 10.
Container. F. Stember. 2,151,999; Mar. 28.
Container. H. J. Wallace. 2,144,948; Jan. 24.
Container. J. H. Swan. 2,162,764; June 20.
Container. R. C. Taylor. 2,183,595; Dec. 19.
Container. W. E. Taylor. 2,178,618; Nov. 7.
Container. W. G. Thompson. 2,173,600; Sept. 19.
Container. O. Y. Warren. 2,182,065; Dec. 5.
Container. J. R. Watkins. 2,159,642; May 23.
Container. A. Weisenburg. 2,180,891; Nov. 21.
Container. R. J. White. 2,178,620; Nov. 7.
Container. J. Whiting and P. Wadsworth. Re. 21,229; Oct. 3.
Container. I. L. Wilcox. 2,158,448; May 16.
Container. W. O. Yancey and I. L. Erlach. 2,180,653; Nov. 21.
Container and affixer, Postage stamp. S. G. Richards. 2,167,908; Aug. 1.
Container and apparatus for transferring the same, Merchandise. R. F. Mattox. 2,165,641; July 11.
Container and applicator for cosmetics. M. M. Gordon. 2,158,901; May 16.
Container and applicator, Mascara. F. L. Engel, Jr. 2,148,736; Feb. 28.
Container and carrier, Shipping. F. A. Marx. 2,172,664; Sept. 12.
Container and carrying case. D. S. Crum. 2,157,257; May 9.
Container and closure. E. F. Andersen. 2,151,826; Mar. 28.
Container and closure. J. L. Armitage and J. E. Sharp. 2,157,842; May 9.
Container and closure for same. B. von Bültzingslöwen. 2,165,825; July 11.
Container and closure, Ink. W. G. Watt. 2,157,512; May 9.
Container and closure therefor. A. M. Boothby and M. E. Gazette. 2,181,545; Nov. 28.
Container and closure therefor. J. Hamberger. 2,162,712; June 20.
Container and closure therefor. F. Lobl. 2,171,730; Sept. 5.
Container and detachable pouring spout. F. J. O'Brien. 2,168,607; Aug. 8.
Container and detachable pouring spout. F. J. O'Brien and W. F. Punte. 2,168,608; Aug. 8.
Container and detachable spout. F. J. O'Brien and O. G. Jakob. 2,168,609; Aug. 8.
Container and dispenser, Soap. J. W. Brookshier. 2,172,862; Sept. 12.
Container and dispensing device for powdered soaps and the like. A. C. Reeve. 2,148,711; Feb. 28.
Container and filling the same, Portable liquid. F. A. Struck. 2,165,684; July 11.
Container and flanged closure therefor. H. Carew. 2,142,744; Jan. 3.
Container and making same. W. C. Rainer. 2,175,972; Oct. 10.
Container and making the same. R. C. Fenner. 2,176,216; Oct. 17.
Container and making the same. H. E. McCrery. 2,181,905; Dec. 5.
Container and making the same. B. McLain and M. G. Voland. 2,168,231; Aug. 1.
Container and making the same. G. A. Moore. 2,149,030; Feb. 28.
Container and making the same, Pressure. H. Debor. 2,148,234; Feb. 21.
Container and means for exhausting air therefrom. W. D. Brandon. 2,155,397; Apr. 25.
Container and package. J. W. Chalmers. 2,152,398; Mar. 28.
Container and package. A. L. Flamm. 2,172,196; Sept. 5.
Container and partition therefor. G. A. Copeland. 2,169,318; Aug. 15.
Container and parts thereof. P. Zalkind. 2,159,070; May 23.
Container and producing, Fluid. N. E. Tillotson. 2,153,441; Apr. 4.
Container and seal therefor. J. E. Roach and H. C. Lohman. 2,154,214; Apr. 11.
Container and seam closure therefor. H. F. Curry. 2,178,778; Nov. 7.
Container and spout. C. McQuinn. 2,177,782; Oct. 31.
Container and spraying device, Combined. W. M. Vogel. 2,179,870; Nov. 14.
Container assembling apparatus. J. E. Annen. 2,155,032; Apr. 18.
Container assembling apparatus. J. E. Annen. 2,175,656; Oct. 10.
Container body forming mechanism. J. M. Hothersall. 2,160,866; June 6.
Container capping mechanism. T. Petersen. 2,156,700; May 2.
Container, carton, and the like. W. J. Butler. 2,147,087; Feb. 14.
Container cleaning device. A. C. Everett. 2,176,126; Oct. 17.
Container closing mechanism. J. E. Wollenweber. 2,156,037; Apr. 25.
Container closure. R. B. Bukolt. 2,160,430; May 30.
Container closure. C. R. Hall. 2,182,492; Dec. 5.
Container closure. E. R. Klemm, Jr. 2,163,042; June 20.
Container closure. C. E. McManus. 2,149,533; Mar. 7.
Container closure. J. H. Murch. 2,182,818; Dec. 12.
Container closure. C. O. Nelson. 2,161,230; June 6.
Container closure. W. T. Parkin. 2,159,978; May 30.
Container closure. R. L. Smith. 2,172,644; Sept. 12.
Container closure and dispensing device. E. R. Hacmac. 2,169,239; Aug. 15.
Container closure and producing the same. S. N. Dalton. 2,161,561; June 6.
Container closure, Collapsible. T. Harrison. 2,184,592; Dec. 26.
Container closure construction. C. T. Draper. 2,156,237; Apr. 25.
Container closure means. B. F. Conner and W. F. Schmalz. 2,172,159; Sept. 5.
Container closure retainer. C. J. Lehwald. 2,170,758; Aug. 22.
Container closure, vent and seal, Preserving. R. B. Bukolt. 2,160,429; May 30.
Container closures and apparatus therefor, Center spotting. A. H. Warth and E. Gassmann. 2,177,271; Oct. 24.
Container construction. P. K. Becker. 2,166,619; July 18.
Container construction. J. S. Burns. 2,149,955; Mar. 7.
Container construction. R. E. Dodge. 2,171,919; Sept. 5.
Container construction. C. R. Farr. 2,145,077; Jan. 24.
Container construction. H. K. Powell. 2,153,122; Apr. 4.
Container construction. O. W. Wentz. 2,158,097; May 16.
Container construction, Shipping. O. M. Masters and H. G. Stager. 2,160,221; May 30.
Container convertible to pail, Sealed. H. G. Hornibrook. 2,167,977; Aug. 1.
Container conveyer and distributor. C. N. Bergmann. 2,168,191; Aug. 1.
Container cover applying machine. F. O'Neill, Jr. and A. F. Pityo. 2,154,350; Apr. 11.
Container covering, Plant. W. B. Jones. 2,152,648; Apr. 4.
Container fabricating machine. J. E. Wollenweber. 2,183,927; Dec. 19.
Container filling apparatus. L. B. Winton. 2,168,380; Aug. 8.
Container filling machine. J. M. Hothersall. 2,144,628; Jan. 24.
Container filling machine. S. R. Howard. 2,172,102; Sept. 5.
Container for adhesive tape. W. F. Punte and E. E. Baker. 2,168,105; Aug. 1.
Container for animal traps, Bait. W. B. Harrison. 2,175,754; Oct. 10.
Container for bakery products. L. M. Lipowsky and I. Bach. 2,159,279; May 23.
Container for dispensing liquids. A. B. Kennedy. 2,143,156; Jan. 10.

Container for dispensing materials. R. Bergerioux. 2,152,862; Apr. 4.
Container for eggs and the like. K. K. Newsom. 2,160,893; June 6.
Container for fruit or vegetables. A. G. Hague. 2,147,340; Feb. 14.
Container for hydrogen-filled electrical devices. J. H. Payne. 2,175,306; Oct. 10.
Container for journal boxes, Lubricant. L. C. Hyatt. 2,153,692; Apr. 11.
Container for lipstick and applicator. C. F. Harris. 2,177,651; Oct. 31.
Container for liquids. L. Arnold. 2,151,727; Mar. 28.
Container for liquids, Measuring. F. R. Walrod. 2,175,933; Oct. 10.
Container for lyophilic biologically active substances. P. S. Pittenger. 2,176,041–2; Oct. 10.
Container for oil, lard, or the like. O. Kodaira. 2,142,790; Jan. 3.
Container for oils, Cellulosic. E. C. Hughes. 2,173,517; Sept. 19.
Container for packaging and dispensing interfolded paper sheets. J. I. Haney. 2,171,415; Aug. 29.
Container for packaging pourable materials. C. W. Vogt and E. E. Lakso. 2,177,918; Oct. 31.
Container for papers, cards, and the like. W. B. Griswold. 2,160,267; May 30.
Container for phonograph records. G. Werner. 2,182,460; Dec. 5.
Container for pills, capsules, and the like. F. J. Peterson and E. A. Russell. 2,164,719; July 4.
Container for refrigerators, Freezing. A. C. Schmelzer. 2,166,560; July 18.
Container for rouge and the like. A. D. Julius. 2,171,339; Aug. 29.
Container for sludge treatment, Diffuser plate. G. E. Nagel. 2,166,017; July 11.
Container for stamps and the like, Transparent display and mounting. S. F. Harris. 2,142,843; Jan. 3.
Container for storing fluids, such as gas and liquids, Spherical. W. Pechstein. 2,156,400; May 2.
Container for tacks, Dispensing. H. E. Lowry. 2,181,661; Nov. 28.
Container for termites. O. Falls. 2,151,589; Mar. 21.
Container for the dispensing of predetermined quantities of powdered, granulated, or liquid materials therefrom. M. C. van Schoor. 2,152,004; Mar. 28.
Container for tubes and bulbs. W. A. Ringler. 2,165,070; July 4.
Container, Forming a. M. Wagner. 2,176,370; Oct. 17.
Container forming machine. J. G. Vergobbi. 2,168,543; Aug. 8.
Container forming mechanism. M. Heres. 2,179,742; Nov. 14.
Container handle. F. M. Talbot. 2,152,933; Apr. 4.
Container handling apparatus. N. S. Sell. 2,155,983; Apr. 25.
Container holder. P. J. Griffin. 2,161,347; June 6.
Container having a solderless side seam, Metal. W. G. Plumb and H. Schrader. 2,171,711; Sept. 5.
Container, Indicator. D. H. Zell. Re. 21,119; June 13.
Container-making mold, Edible. E. O. and R. O. Cavett. 2,156,145; Apr. 25.
Container or receptacle, Molded. J. S. Trecartin. 2,145,143; Jan. 24.
Container, Producing a double-walled. H. K. Kimble. 2,181,240; Nov. 28.
Container reclosure. J. M. Hothersall. 2,173,843; Sept. 26.
Container-sealing machine. C. Titchen and W. Boehl. 2,162,768; June 20.
Container sealing method. C. T. Walter. 2,158,166; May 16.
Container, Shipping display and dispensing. A. J. Weiss. 2,178,091; Oct. 31.
Container structure. A. S. Mackey. Re. 21,310; Dec. 26.
Container structure. A. S. Mackey. 2,149,060; Feb. 28.
Container structure. F. Y. McKenney. 2,161,072; June 6.
Container structure. D. R. Swingle. 2,161,107; June 6.
Container structure, Sealed. J. W. McIlwraith and T. C. Post. 2,146,971; Feb. 14.
Container structure with inhibitor. A. E. Stevenson and S. L. Flugge. 2,168,107; Aug. 1.
Container with electric heating means, Liquid. C. B. Fowler. 2,180,733; Nov. 21.
Containers, Adjustable closure for. J. W. McNeil. 2,170,335; Aug. 22.
Containers and the like, Manufacture of. L. Scusa and R. Kilian. 2,163,318; June 20.
Containers and the product thereof, Closing. H. F. Kniesche. 2,169,804; Aug. 15.
Containers and their manufacture, Paper and other. J. K. M. Harrison. 2,173,585; Sept. 19.
Containers, Apparatus and method of vacuumizing. E. M. Enkur and L. L. Lauve. 2,184,490; Dec. 26.
Containers, Apparatus for and method of making thin metal. J. H. Friden. 2,162,776; June 20.
Containers, Apparatus for filling. F. A. Fouser. 2,174,384; Sept. 26.
Containers, Apparatus for filling. S. Saeta. 2,142,257; Jan. 3.
Containers, Apparatus for forming extrusion. C. Davis. 2,183,304; Dec. 12.
Containers, Applying closures to. P. Mancuso. 2,173,122; Sept. 19.
Containers, Closing. H. H. Leonard and R. T. Moore. 2,176,996; Oct. 24.
Containers, Device for filling small. E. Abel. 2,165,604; July 11.
Containers, Fabricating sealed. J. H. Payne. 2,177,498; Oct. 24.
Containers, Filling and sealing device for. F. Brodsky. 2,167,624; Aug. 1.
Containers, Iced-cocktail. J. L. Bickerstaff. 2,168,969; Aug. 8.
Containers in carriers, Loading. C. S. Mullenix and J. G. Windeknecht. 2,167,770; Aug. 1.
Containers, Making. D. E. Maxfield. 2,146,831; Feb. 14.
Containers, Making. A. R. Metzger. 2,154,691; Apr. 18.
Containers, Making collapsible. J. H. Fridén. 2,180,628; Nov. 21.
Containers, Manufacture of. G. O. Conner. 2,153,365; Apr. 4.
Containers, Manufacture of coated metal. L. S. Engle. 2,145,252; Jan. 31.
Containers, Manufacture of filled. D. E. Maxfield. 2,154,521; Apr. 18.
Containers, Manufacturing spherical light weight. W. H. Freygang. 2,171,111; Aug. 29.
Containers, Mechanism for partially folding. R. D. Bennett. 2,144,283; Jan. 17.
Containers, Method and apparatus for making. H. C. Fisher and J. F. Thompson. 2,163,316; June 20.
Containers, Method and apparatus for sealing capped. C. W. Goodwin and R. J. Daniels. 2,156,811; May 2.
Containers, Method and machine for producing paper. K. Küchler. 2,169,345; Aug. 15.
Containers, Method of and apparatus for vacuum sealing. K. L. Ford. 2,154,266; Apr. 11.
Containers, Method of and mechanism for sealing capped. K. Clark. 2,156,801; May 2.
Containers, Method and machine for filling. A. F. Hoffman, C. Schmutzer, and K. Manrodt. 2,174,745; Oct. 3.
Containers or vessels, Stoppering and opening fluid. H. M. Salmond. 2,143,132; Jan. 10.
Containers, Production of sealed. R. W. von Sydow and W. E. Sooy. 2,163,317; June 20.
Containers, Skid attachment for. B. M. Williams and J. C. Thompson. 2,170,283; Aug. 22.
Containers, Solderless side seam sheet metal. H. Schrader. 2,171,714; Sept. 5.
Containers, Surface treating glass. O. G. Burch. 2,175,076; Oct. 3.
Containers, Treating paper. R. K. Reed. 2,158,524; May 16.
Containers, Vacuum-sealing. T. Reynold. 2,175,314; Oct. 10.
Containers with powder or other comminuted material, Method of and apparatus for filling. C. F. Carter. 2,170,469; Aug. 22.
Continuous base receptacle. R. MacFarlane. 2,146,829; Feb. 14.
Continuous filter. E. R. Kehrer. 2,145,933; Feb. 7.
Continuous furnace. A. J. Boland. 2,156,008; Apr. 25.
Continuous heat treatment furnace. T. G. Tanner. 2,177,031; Oct. 24.
Continuous heating furnace. H. F. Spencer and W. A. Morton. 2,157,221; May 9.
Continuous heating furnace. T. Stassinet. 2,150,613; Mar. 14.
Continuous press. C. F. Scherer. 2,146,158; Feb. 7.
Continuous strip furnace. T. F. Baily. 2,162,692; June 20.
Contour turning attachment. E. R. Smith. 2,168,633; Aug. 8.
Contours of interior surfaces of tubes, Apparatus for indicating and recording. F. L. Wallace. 2,143,233; Jan. 10.
Contraction and expansion joint, High pressure cased. H. E. Hofwolt. 2,149,291; Mar. 7.
Contraction joint. A. Carnie. 2,167,199; July 25.
Control. C. D. Geer and J. L. Biach. 2,173,105; Sept. 19.
Control accessibility. W. Fuller. 2,175,188; Oct. 10.
Control adjusting device, Remote. M. W. Kenney and G. O. Smith. 2,171,573; Sept. 5.
Control and actuator mechanism, Hydraulic. E. J. Svenson. 2,174,850; Oct. 3.
Control and ignition means for multiple gas burners, Safety. E. W. Roberts and T. L. Ferrall. 2,164,887; July 4.
Control and illuminating of refrigerator cabinets. J. L. Knight. 2,152,486; Mar. 28.
Control apparatus. J. L. Barker. 2,178,112; Oct. 31.
Control apparatus. E. G. Chambers. 2,147,881; Feb. 21.
Control apparatus. H. A. Douglas. 2,145,160–1; Jan. 24.
Control apparatus. T. Draper. 2,162,501; June 13.
Control apparatus. H. G. Fischer. 2,145,868; Feb. 7.
Control apparatus. G. H. Fisher. 2,152,843; Apr. 4.
Control apparatus. R. H. Herrick. 2,181,972; Dec. 5.
Control apparatus. A. E. Krogh. 2,159,971; May 30.
Control apparatus. W. S. Macdonald. 2,169,977; Aug. 15.
Control apparatus. J. T. Marvin and E. D. Raney. 2,183,967; Dec. 19.
Control apparatus. J. W. Ow. 2,157,863; May 9.
Control apparatus. E. C. Raney. 2,166,323; July 18.

Control apparatus. E. C. Raney. 2,170,426; Aug. 22.
Control apparatus. E. C. Raney. 2,174,275–6; Sept. 26.
Control apparatus. E. C. Raney. 2,175,762; Oct. 10.
Control apparatus. E. C. Raney. 2,183,973; Dec. 19.
Control apparatus. E. C. Raney and A. M. Hoover. 2,164,221; June 27.
Control apparatus. E. D. Raney and W. H. F. Schmieding. 2,180,067; Nov. 14.
Control apparatus. T. Whiteford. 2,149,754; Mar. 7.
Control apparatus, Engine starter. J. B. Dyer. 2,167,646; Aug. 1.
Control apparatus for airplanes. P. E. Koster. 2,167,077; July 25.
Control apparatus for grinding machines. D. R. Hall. 2,168,596; Aug. 8.
Control apparatus for heating plants, Electrical. P. Hartmann-Riis. 2,171,099; Aug. 29.
Control apparatus for liquid coolers. A. R. Brown. 2,171,740; Sept. 5.
Control apparatus for radiobeacon systems. N. H. Clough. 2,157,690; May 9.
Control apparatus for railway signaling systems, Approach. H. G. Blosser. 2,176,605; Oct. 17.
Control apparatus for railway signaling systems, Approach. C. B. Shields. 2,158,016; May 9.
Control apparatus for railway signaling systems, Approach. C. B. Shields. 2,184,877; Dec. 26.
Control apparatus for the successive release of bombs in aircraft, Remote. R. Defives. 2,150,055; Mar. 7.
Control apparatus for vehicles. E. Fischel. 2,156,976; May 2.
Control apparatus, Mechanical remote. W. H. Parkin. 2,169,813; Aug. 15.
Control apparatus, Pneumatic. A. E. Roy. 2,144,854; Jan. 24.
Control apparatus, Remote. W. E. Phillips. 2,167,850; Aug. 1.
Control arm for vehicle springs. D. W. Sherman. 2,148,177; Feb. 21.
Control arrangement for polyphase A. C. transmission and distribution systems, Earth fault. H. Leyburn. 2,149,683; Mar. 7.
Control attachment for automobiles, Dual. W. Stack. 2,166,978; July 25.
Control, Automatic. J. J. Neuman. 2,145,227; Jan. 24.
Control, Automatic fidelity. W. C. Hahn. 2,170,475; Aug. 22.
Control, Automatic selectivity. H. A. Wheeler. 2,168,461; Aug. 8.
Control circuit. R. D. Amsden. 2,166,788; July 18.
Control circuit. R. D. Amsden. 2,172,156; Sept. 5.
Control circuit. F. J. Champlin. 2,145,709; Jan. 31.
Control circuit. R. B. Dome. 2,166,805; July 18.
Control circuit. R. E. Koontz. 2,153,192; Apr. 4.
Control circuit. W. A. Ray. 2,158,706; May 16.
Control circuit, Automatic selective fading. G. L. Beers. 2,144,605; Jan. 24.
Control circuit, Electrical. H. Belar. 2,167,062; July 25.
Control circuit, Overload. L. R. Kirkwood. 2,149,700; Mar. 7.
Control circuit, Receiver percentage modulation. P. O. Farnham. 2,162,882; June 20.
Control, Condition responsive. C. I. Hall. 2,145,722; Jan. 31.
Control, Constant tension winding. W. R. Perry. 2,168,071; Aug. 1.
Control, Delayed automatic volume. R. B. Dome. 2,172,160; Sept. 5.
Control device. G. C. Armstrong. 2,162,521; June 13.
Control device. A. J. Brugma. 2,160,582; May 30.
Control device. R. L. Coultrip. 2,179,281; Nov. 7.
Control device. F. S. Denison and C. G. Kronmiller. 2,161,248; June 6.
Control device. E. J. Dillman. 2,180,802; Nov. 21.
Control device. E. J. Dillman and D. D. Wile. 2,168,564; Aug. 8.
Control device. G. K. Eggleston. 2,150,858; Mar. 14.
Control device. L. W. Eggleston. 2,175,150; Oct. 3.
Control device. A. G. Hann and P. S. Russel. 2,147,945; Feb. 21.
Control device. A. G. Hann and P. S. Russel. 2,168,307; Aug. 8.
Control device. C. S. Hazard. 2,143,516; Jan. 10.
Control device. J. M. Jackson. 2,166,410; July 18.
Control device. C. W. Johnston. 2,149,681; Mar. 7.
Control device. L. R. Koller and R. P. Johnson. 2,168,165; Aug. 1.
Control device. C. G. Kronmiller and F. D. Joesting. 2,165,555; July 11.
Control device. M. G. Leonard. 2,180,421; Nov. 21.
Control device. W. S. Landon. 2,178,839; Nov. 7.
Control device. W. S. Landon. 2,183,854; Dec. 19.
Control device. H. A. Mantz. 2,157,296; May 9.
Control device. H. McEniry. 2,182,030; Dec. 5.
Control device. H. W. Rubinstein. 2,156,067; Apr. 25.
Control device. P. S. Russel. 2,143,229; Jan. 10.
Control device. T. S. Safford. 2,150,403; Mar. 14.
Control device. N. C. Schellenger. 2,177,283; Oct. 24.
Control device. D. G. Taylor. 2,159,513; May 23.
Control device. A. von Wangenheim. 2,172,823; Sept. 12.
Control device. D. D. Wile. 2,152,781; Apr. 4.
Control device. D. D. Wile. 2,168,545; Aug. 8.
Control device, Electrical. A. H. Brown, Jr. 2,165,694; July 11.
Control device for a radiometeorograph signal transmitter. W. H. Reynolds. 2,156,868; May 2.
Control device for aircraft, Dual. J. G. M. J. de Wouters d'Oplinter. 2,166,241; July 18.
Control device for boilers. E. M. Frankel and A. Pollak. 2,179,782; Nov. 14.
Control device for can making machinery. V. T. Grover. 2,158,069; May 16.
Control device for change-speed gears. E. Dausch. 2,168,667; Aug. 8.
Control device for cleaning machines for textile materials. J. Meier. 2,180,761; Nov. 21.
Control device for dispensing mechanism. R. J. Freeman. 2,183,187; Dec. 12.
Control device for doughnut machines. A. S. T. Lagaard. 2,162,518; June 13.
Control device for dump rakes. J. H. McAfee. 2,165,110; July 4.
Control device for gear changing mechanism in motor vehicles. K. Maybach. 2,176,916; Oct. 24.
Control device for heat generating apparatus. H. Laub and J. Kremer. 2,156,119; Apr. 25.
Control device for heating systems. W. E. Firehammer. 2,179,120; Nov. 7.
Control device for heating systems. P. Klimis. 2,165,488; July 11.
Control device for lathes and other machine tools, Electromechanical. J. Cotal. 2,173,009; Sept. 12.
Control device for luminous tubes, Pressure. T. J. Killian. 2,165,709; July 11.
Control device for machine tools. R. Schulz. 2,153,101; Apr. 4.
Control device for power lift mechanism. H. M. Johnston and P. Bjerre. 2,181,994; Dec. 5.
Control device for ranges, Remote. E. K. Clark. 2,178,065; Oct. 31.
Control device for reciprocating working pistons. O. Ballert. 2,142,628; Jan. 3.
Control device for refrigerating systems. R. E. Stolz. 2,165,518; July 11.
Control device for sheet feeding apparatus. G. Spiess. 2,184,229; Dec. 19.
Control device for the operation of internal combustion engines with electric power transmission. A. Brunner. 2,175,681; Oct. 10.
Control device for valves and other apparatus. C. R. H. Bonn. 2,148,897; Feb. 28.
Control device for variable ratio transmissions. G. Fleischel. 2,177,428; Oct. 24.
Control device for variable speed gearing. C. R. H. Bonn. 2,161,008; June 6.
Control device for vehicles, Automatic. K. Jann and H. Roland. 2,167,421; July 25.
Control device, Inertia operated. R. J. Bush. 2,159,778; May 23.
Control device, Pressure governed. G. Algarsson. 2,179,775; Nov. 14.
Control device, Remote. W. Heinrich. 2,175,165; Oct. 3.
Control device, Sensitive. R. R. Chappell. 2,162,296; June 13.
Control device, Thermal. G. R. Townsend. 2,168,180; Aug. 1.
Control, Electric. I. E. McCabe. 2,171,859; Sept. 5.
Control, Electrically operated. I. E. McCabe. 2,171,860; Sept. 5.
Control fitting, Pressure. T. A. Larry and E. E. Cline. 2,171,575; Sept. 5.
Control for a signaling system. J. L. Delvaux. 2,161,286; June 6.
Control for accordions. R. L. Fairbairn. 2,150,600; Mar. 14.
Control for aeroplane vehicles and ground steering gear therefor. W. D. Waterman. 2,172,813; Sept. 12.
Control for air conditioning apparatus. W. W. Timmis. 2,142,423; Jan. 3.
Control for air conditioning systems. R. P. Dewey. 2,147,639; Feb. 21.
Control for air flow to underfeed stokers. F. M. Bentall. 2,160,409; May 30.
Control for aircraft, Automatic trim. B. G. Carlson. 2,183,932; Dec. 19.
Control for automatic firearms, Remote. A. Boussel. 2,168,114; Aug. 1.
Control for bread slicing machines, Safety. H. B. Tuthill and H. F. Caldwell. 2,147,322; Feb. 14.
Control for burners, Liquid fuel. S. W. E. Andersson. 2,151,001; Mar. 21.
Control for burners, System of. H. E. Lake. 2,157,710; May 9.
Control for carburetor idling systems. A. C. Macbeth. 2,155,670; Apr. 25.
Control for concrete pavers, Automatic. A. E. Lundbye. 2,158,942; May 16.
Control for constantly operating machines, Intermittent gauge. H. Rimberg. 2,145,574; Jan. 31.
Control for coffee makers, Automatic. L. V. Lucia. 2,181,090; Nov. 21.
Control for cooking utensils, Automatic. A. D. Keene. 2,179,936; Nov. 14.
Control for deicing mechanism, Automatic. H. Baer. 2,182,530; Dec. 5.
Control for deicing mechanism, Automatic. L. F. Tumey. 2,182,547; Dec. 5.

Control for electric elevators, System of. E. M. Bouton, H. W. Williams, and D. Santini. 2,151,734; Mar. 28.
Control for electric timing switches, Periodic pressure. C. H. Rippl. 2,172,015; Sept. 5.
Control for fluid meters, Thermostatic. C. P. Griffith. 2,151,201; Mar. 21.
Control for four-speed portable drilling machines. W. D. Davidson and G. Tremolada. 2,165,350; July 11.
Control for hand brakes. A. L. Johnson. 2,180,209; Nov. 14.
Control for heating systems. R. P. Dewey. 2,155,642; Apr. 25.
Control for hydraulic brakes, Auxiliary. D. Collins. 2,183,444; Dec. 12.
Control for hydraulic machines. J. K. Douglas. 2,142,500; Jan. 3.
Control for hydrodynamic machines. E. Wiedmann. 2,179,071; Nov. 7.
Control for internal combustion engines, Automatic fuel feed. H. C. Edwards. 2,175,458; Oct. 10.
Control for ironers. G. W. Dunham and R. T. Lautz. 2,182,662; Dec. 5.
Control for liquid fuel burners, Automatic electric. H. S. Turner. 2,169,077; Aug. 8.
Control for machine tools. M. L. Strawn. 2,160,920; June 6.
Control for multiple doors. C. N. Mitchell. 2,153,693; Apr. 11.
Control for multiunit power generating systems. C. F. Strong. 2,170,918; Aug. 29.
Control for point mechanism of flat knitting machines, Universal movement. G. Bitzer. 2,182,220; Dec. 5.
Control for pressing machines. G. S. Baldwin and W. G. Mau. 2,171,529; Sept. 5.
Control for pressing machines. G. W. Johnson. 2,183,194; Dec. 12.
Control for pressing machines. C. S. Malott, Jr. 2,171,583; Sept. 5.
Control for pressing machines. E. N. Neckel. 2,171,593; Sept. 5.
Control for radio, Selectivity. L. F. Curtis. Re. 21,222; Oct. 3.
Control for range heat. E. K. Clark. 2,172,189; Sept. 5.
Control for stream-conveyed material. J. E. Mason and F. H. Ballou. 2,165,397; July 11.
Control for tabulating machines, Automatic. R. B. Herbert. 2,153,187; Apr. 4.
Control for temperature regulating systems and the like. G. F. Drake. 2,164,312; July 4.
Control for the unreeling of coiled material from drums. H. C. Porter. 2,155,771; Apr. 25.
Control for thermal systems having heat exchangers, Automatic. J. N. Swarr. 2,159,110; May 23.
Control for transmissions. T. L. Fawick. 2,147,694; Feb. 21.
Control for transmissions, Remote. C. A. Chayne. 2,170,794; Aug. 29.
Control for traveling cranes or the like, Photoelectric. H. W. Ball. 2,181,778; Nov. 28.
Control for variable-diameter pulley. C. E. Johnson. 2,184,673; Dec. 26.
Control for warning signals, Electric. J. A. and C. H. Rook. 2,145,634; Jan. 31.
Control for well pumping apparatus, Liquid level. C. N. Scott. 2,177,950; Oct. 31.
Control handle. W. S. Saunders and T. A. McGregor. 2,180,215; Nov. 14.
Control in pressure drilling, Back-pressure. G. S. Bays. 2,169,675; Aug. 15.
Control machine for railway traffic controlling systems. J. F. Merkel. 2,145,798; Jan. 31.
Control means. A. K. Foulds. Re. 21,286; Dec. 5.
Control means. R. S. Sanford. 2,177,748–9; Oct. 31.
Control means, Electrical. H. A. Douglas. 2,179,252; Nov. 7.
Control means for a plurality of power units. G. B. Bailey. 2,183,364; Dec. 12.
Control means for airplane automatic pilots, Remote. B. G. Carlson. 2,144,616; Jan. 24.
Control means for bus switches. J. W. Logan, Jr. 2,151,926; Mar. 28.
Control means for controllable pitch propellers. P. S. Baker. 2,154,887; Apr. 18.
Control means for controllable propellers. F. W. Caldwell. 2,145,859; Feb. 7.
Control means for deicing mechanisms for aircraft, Automatic. H. E. Baer. 2,165,198; July 11.
Control means for driving and driven elements. M. Leichsenring, Jr. 2,181,700; Nov. 28.
Control means for hydraulic presses and the like. A. F. Sinclair. 2,154,477; Apr. 18.
Control means for oil burners, Safety. J. Stahl, C. Reed, and H. Fischer. 2,142,530; Jan. 3.
Control means for power operated devices. H. A. Centervall. 2,143,859; Jan. 17.
Control means for refrigerating apparatus. C. F. Kettering. 2,150,880; Mar. 14.
Control means for refrigerating apparatus. H. A. Smith and J. Kirgan. 2,179,866; Nov. 14.
Control means for the fuel supply of internal combustion engines. H. Heinrich, J. F. Janssen, and K. Fiedler. 2,161,743; June 6.
Control means for transmission mechanisms. W. H. Wolchek. 2,163,507; June 20.
Control means for valves for concrete delivery pumps. O. Kaiser. 2,170,080; Aug. 22.
Control means in systems for generation of inert gases, Pressure actuated. W. J. Willenborg. 2,142,545; Jan. 3.
Control means of land vehicles. A. C. Sampietro. 2,183,283; Dec. 12.
Control means, X-ray tube. E. R. Goldfield. 2,167,802; Aug. 1.
Control mechanism. R. Avigdor. 2,167,230; July 25.
Control mechanism. K. P. Brace. 2,162,343; June 13.
Control mechanism. M. Gieseler. 2,180,144; Nov. 14.
Control mechanism. W. F. Gresham. 2,152,800; Apr. 4.
Control mechanism. H. Hornschuch. 2,152,695; Apr. 4.
Control mechanism. A. L. Johnson. 2,172,793; Sept. 12.
Control mechanism. C. G. Kronmiller. 2,144,587; Jan. 17.
Control mechanism. C. G. Kronmiller. 2,145,199; Jan. 24.
Control mechanism. C. L. Lothrop. 2,175,085; Oct. 3.
Control mechanism. S. Mayner. 2,174,470; Sept. 26.
Control mechanism. E. M. Miller. 2,175,720; Oct. 10.
Control mechanism. N. Pelosi. 2,179,517; Nov. 14.
Control mechanism. C. S. Purdy and W. B. Wines. 2,146,848; Feb. 14.
Control mechanism. W. R. Roycroft. 2,183,032; Dec. 12.
Control mechanism. D. G. Taylor. 2,147,274; Feb. 14.
Control mechanism. G. J. Uhlig. 2,149,371; Mar. 7.
Control mechanism applicable to radio tuning and other uses. R. W. Colton. 2,154,437; Apr. 18.
Control mechanism, Dual. H. R. Ellinwood. 2,170,982; Aug. 29.
Control mechanism for automobile transmissions, Selective. A. H. Jessen. 2,175,940; Oct. 10.
Control mechanism for brake levers and the like. E. D. Dall. 2,173,357; Sept. 19.
Control mechanism for change speed gears of motor vehicles and the like. R. L. Delmas. 2,163,975; June 27.
Control mechanism for change speed transmissions. G. T. Randol. 2,173,080; Sept. 12.
Control mechanism for change speed transmissions. G. T. Randol. 2,177,746; Oct. 31.
Control mechanism for coin actuated machines. A. K. Norton. 2,144,807; Jan. 24.
Control mechanism for electric circuits. D. Barrie. 2,172,492; Sept. 12.
Control mechanism for focal plane shutters. J. Mihalyi. 2,165,403; July 11.
Control mechanism for forging machines. W. L. Clouse. 2,149,044; Feb. 28.
Control mechanism for gas and liquid storage apparatus. J. H. Wiggins and D. E. Larson. 2,168,891; Aug. 8.
Control mechanism for gas or liquid fuel burners, Safety. A. L. Riche and J. R. Hathaway. 2,178,312; Oct. 31.
Control mechanism for gear shaping machines. L. D. Martin. 2,161,365; June 6.
Control mechanism for hydraulic transmissions and pumps. H. Thoma. 2,161,439; June 6.
Control mechanism for industrial trucks. S. K. Towson. 2,173,616; Sept. 19.
Control mechanism for internal combustion engines. H. L. Duncan. 2,159,017; May 23.
Control mechanism for material mixing apparatus. Y. A. Bouget and J. N. Selvig. 2,180,393; Nov. 21.
Control mechanism for milling machines, Operating. L. F. Nenninger and E. G. Roehm. 2,164,884; July 4.
Control mechanism for motor vehicles. C. A. Brewer. 2,164,897; July 4.
Control mechanism for motor vehicles. K. Feilcke. 2,152,543; Mar. 28.
Control mechanism for motor vehicles. V. W. Kliesrath. 2,152,060; Mar. 28.
Control mechanism for power actuated brakes. B. Dick. 2,146,803; Feb. 14.
Control mechanism for presses. E. L. Hyde. 2,171,562–5; Sept. 5.
Control mechanism for pressing machines. F. R. Higley. 2,171,559; Sept. 5.
Control mechanism for pressing machines. G. W. Johnson. 2,171,568; Sept. 5.
Control mechanism for pressing machines. G. W. Johnson. 2,171,570; Sept. 5.
Control mechanism for pressing machines. C. S. Malott, Jr. 2,171,584; Sept. 5.
Control mechanism for radio receivers. F. J. Hooven. 2,170,820; Aug. 29.
Control mechanism for steam heating systems. I. C. Jennings. 2,162,952; June 20.
Control mechanism for variable throw hydraulic pumps. W. H. Boddy. 2,163,479; June 20.
Control mechanism for vehicles. H. F. Flowers. 2,176,170; Oct. 17.
Control mechanism for water heaters and the like. C. H. Morrow. 2,151,562; Mar. 21.
Control mechanism, Hydraulic. H. W. Landenberger. 2,145,547; Jan. 31.
Control mechanism, Hydraulic. A. Maas. 2,153,381; Apr. 4.
Control mechanism, Hydraulic. E. Martin. 2,160,025; May 30.
Control mechanism, Motor operated. C. G. Kronmiller. 2,161,258; June 6.
Control mechanism, Rotation. R. T. Zwack. 2,180,287; Nov. 14.

Control mechanism, Selective remote. A. W. Wheaton. 2,150,667; Mar. 14.
Control mechanism, Self-stabilizing. N. Belaef. 2,176,603; Oct. 17.
Control method and apparatus. J. R. Green, A. E. Krogh, C. B. Moore, and R. Ullman. 2,153,922; Apr. 11.
Control method and mechanism, Correcting. W. H. Howe. 2,172,474; Sept. 12.
Control of amplification, Automatic. H. Bartels. 2,177,050; Oct. 24.
Control of centrifugal devices, Automatic. C. A. Olcott. 2,148,320; Feb. 21.
Control of centrifugal extractors, Automatic. J. J. Neuman. 2,145,228; Jan. 24.
Control of clutch and throttle actuation of automotive vehicles, Automatic. R. S. Whittington. 2,152,120–1; Mar. 28.
Control of clutch and throttle actuation of an automotive vehicle, Automatic. R. S. Whittington. 2,163,903; June 27.
Control of discontinuous processes, System for. R. S. Blodgett. 2,161,847; June 13.
Control of electric power, Automatic. W. H. Howe. 2,168,031; Aug. 1.
Control of heat exchange. E. J. Houdry. 2,163,599; June 27.
Control of heavy objects, Remote. R. Buch and F. Haemmerling. 2,172,186; Sept. 5.
Control of variable physical characteristics, Automatic. A. Callender and A. B. Stevenson. 2,175,985; Oct. 10.
Control relay, Resonant. R. J. Wensley. 2,144,472; Jan. 17.
Control shafts to predetermined angular positions, Turning. L. R. J. Leishman. 2,163,343; June 20.
Control switch. W. C. Leonard. 2,170,374; Aug. 22.
Control switch. J. F. Merkel. 2,149,226; Feb. 28.
Control switch. T. P. Miller. 2,183,653; Dec. 19.
Control switch, Float. J. L. Shrode. 2,142,680; Jan. 3.
Control switch, Thermally sensitive. S. G. McPherson, Jr 2,178,485; Oct. 31.
Control switch, Time or time-. H. G. Heil. 2,159,085; May 23.
Control, Synchro-tie. R. R. Baker. 2,169,016; Aug. 8.
Control system. A. E. Anderson. 2,151,178; Mar. 21.
Control system. H. Bany. 2,146,556; Feb. 7.
Control system. B. Chance. 2,182,717; Dec. 5.
Control system. K. Clark. 2,175,341; Oct. 10.
Control system. K. Clark. 2,180,580; Nov. 21.
Control system. J. W. Cooke. 2,155,373; Apr. 18.
Control system. H. Déglon. 2,158,108; May 16.
Control system. P. S. Dickey. 2,163,592; June 27.
Control system. P. S. Dickey. 2,170,344; Aug. 22.
Control system. P. S. Dickey. 2,170,346–8; Aug. 22.
Control system. P. S. Dickey and J. F. Shannon. 2,165,175; July 4.
Control system. F. V. A. E. Engel. 2,182,771; Dec. 5.
Control system. F. B. Fillo. 2,157,329; May 9.
Control system. M. Gieseler. 2,160,587; May 30.
Control system. H. H. Gorrie. 2,179,450; Nov. 7.
Control system. H. J. Graham. 2,175,891; Oct. 10.
Control system. W. D. Hall. 2,159,658; May 23.
Control system. R. M. Hardgrove. 2,170,350; Aug. 22.
Control system. H. E. Hartig. 2,170,072; Aug. 22.
Control system. G. W. Heumann. 2,155,268; Apr. 18.
Control system. R. R. Howe. 2,175,729; Oct. 10.
Control system. H. Jamieson. 2,177,489; Oct. 24.
Control system. P. W. Janeway, Jr. 2,182,696; Dec. 5.
Control system. A. F. Kenyon. 2,182,631; Dec. 5.
Control system. W. R. King. 2,174,386; Sept. 26.
Control system. A. A. Kucher. 2,175,402; Oct. 10.
Control system. C. W. Lugar. 2,148,868; Feb. 28.
Control system. G. S. Lunge. 2,173,719; Sept. 19.
Control system. H. A. Mantz. 2,155,233; Apr. 18.
Control system. H. L. Miller. Re. 21,155; July 18.
Control system. S. A. Morehouse. 2,173,913; Sept. 26.
Control system. G. R. Purifoy. 2,157,917; May 9.
Control system. E. J. Rasmusson. 2,165,111; July 4.
Control system. A. P. B. Renshaw. 2,180,300; Nov. 14.
Control system. H. L. Sargent. 2,164,352; July 4.
Control system. H. T. Seeley. 2,151,160–1; Mar. 21.
Control system. D. R. Shoults and H. W. Lord. 2,151,570; Mar. 21.
Control system. J. F. Tritle. 2,195,773; May 23.
Control system. N. H. Willby. Re. 21,026; Mar. 7.
Control system. H. W. Williams, and D. Santini. 2,184,762; Dec. 26.
Control system. F. H. Winter. 2,151,174; Mar. 21.
Control system. F. Wunsch. 2,153,222; Apr. 4.
Control system, Adjustable follow-up. G. D. Bower. 2,180,503; Nov. 21.
Control system and apparatus. E. A. Faller. 2,167,829; Aug. 1.
Control system and apparatus. P. Roman and R. Baluta. 2,166,194; July 18.
Control system and apparatus, Traffic actuated. H. A. Wilcox. 2,183,780; Dec. 19.
Control system and method. A. J. Rosenberger. 2,178,864; Nov. 7.
Control system, Angular positional. A. S. Riggs. 2,176,101; Oct. 17.
Control system, Automatic. W. I. Bendz. 2,147,422; Feb. 14.
Control system, Automatic. T. R. Harrison. 2,162,469; June 13.
Control system, Automatic. A. R. Mabey. 2,170,418; Aug. 22.
Control system, Compensated. C. C. Chambers. 2,154,375; Apr. 11.
Control system, Electric. J. D. Ryder. 2,159,181; May 23.
Control system, Electrical. M. A. Edwards. 2,169,093; Aug. 8.
Control system, Electrical. B. E. Miller. 2,156,636; May 2.
Control system, Electrical. A. S. Riggs. 2,151,718; Mar. 28.
Control system, Elevator. H. W. Williams. 2,169,035; Aug. 8.
Control system for air conditioners. J. E. Haines. 2,177,596; Oct. 24.
Control system for converters. L. Filberich, O. Schiele, and K. Seethaler. 2,165,041; July 4.
Control system for dynamo-electric machines. G. R. Anderson. 2,163,972; June 27.
Control system for electric generators. G. De Croce. 2,175,882; Oct. 10.
Control system for engine starting means. W. J. Williams. 2,174,101; Sept. 26.
Control system for fluid fuel burners, Safety. I. E. McCabe. 2,171,858; Sept. 5.
Control system for free stroke piston engines. H. Steiner. 2,182,063; Dec. 5.
Control system for fuel burners. E. O. Engels. 2,151,906; Mar. 28.
Control system for hammers. C. L. Charles. 2,175,740; Oct. 10.
Control system for heating. E. L. Tornquist. 2,184,982; Dec. 26.
Control system for liquid heaters. H. J. Long and E. E. Vincent. 2,177,731; Oct. 31.
Control system for motor vehicles. C. A. Brewer. 2,157,588; May 9.
Control system for pipe lines. L. Harleston. 2,180,901; Nov. 21.
Control system for refrigerators and the like. E. G. Gaynor. 2,177,480; Oct. 24.
Control system for self-balancing measuring instruments, Electronic. F. B. MacLaren, Jr. 2,153,986; Apr. 11.
Control system for steam jet refrigerating mechanism. J. E. Haines. 2,158,059; May 16.
Control system for submersible motors and the like. E. Mendenhall and J. B. Van Horn. 2,158,471–2; May 16.
Control system for synchronous machines. S. C. Ewing. 2,151,093; Mar. 21.
Control system for toy train accessory, Remote. R. V. King. 2,173,483; Sept. 19.
Control system for train circuits. J. W. Logan, Jr. 2,163,400; June 20.
Control system for trolley frogs. G. L. Moses. 2,157,859; May 9.
Control system, Load-compensated. A. E. Baak. 2,173,799; Sept. 19.
Control system, Load compensated. W. L. McGrath. 2,173,809; Sept. 19.
Control system, Load compensated. H. G. Wasserlein, Jr. 2,172,487; Sept. 12.
Control system, Power. J. W. Dawson. 2,169,023; Aug. 8.
Control system, Pulsating electrical. A. S. Fitz Gerald. 2,168,402; Aug. 8.
Control system, Remote. N. F. Agnew. 2,168,786; Aug. 8.
Control system, Remote. G. W. Baughman. 2,164,893; July 4.
Control system, Remote. L. L. Cunningham. 2,160,400; May 30.
Control system, Remote. F. P. Gohorel. 2,182,119; Dec. 5.
Control system, Remote. A. P. Jackel. 2,171,751; Sept. 5.
Control system, Remote. B. W. Jones. 2,170,688; Aug. 22.
Control system, Remote. H. O. Peterson. 2,165,502; July 11.
Control system, Selective. F. H. Richterkessing. 2,171,865; Sept. 5.
Control system, Supervisory. H. P. Boswau. Re. 21,284; Dec. 5.
Control system, Supervisory. H. P. Boswau. 2,148,044; Feb. 21.
Control system, Temperature. H. A. Thompson. 2,168,178; Aug. 1.
Control systems. A. H. Mittag. 2,168,170; Aug. 1.
Control tube, Cross field. H. E. Hollmann. 2,164,922; July 4.
Control unit construction. M. B. Arisman. 2,177,126; Oct. 24
Control unit for accelerator and brake. J. P. Freeman. 2,145,924; Feb. 7.
Control unit for gasoline and other engines, Remote. B. M. Bradshaw and J. M. Rowland. 2,149,041; Feb. 28.
Control unit, Hollow shafted. W. E. Haselwood. 2,154,615; Apr. 18.
Control valve. A. Neveu. 2,177,534; Oct. 24.
Control valve. G. S. Noble. 2,154,693; Apr. 18.
Control valve. C. J. Scudder. 2,176,454; Oct. 17.
Control valve. E. Tyden. 2,148,383; Feb. 21.

Control valve. E. A. Turner and C. R. Davison. 2,181,840; Nov. 28.
Control valve, Safety fluid pressure. W. H. Martin. 2,148,703; Feb. 28.
Control wheel. R. Chilton. 2,182,658; Dec. 5.
Controller. A. H. Lamb. 2,158,464; May 16.
Controller. H. H. Logan. 2,182,088; Dec. 5.
Controller. J. F. Tritle. 2,185,044; Dec. 26.
Controller. K. J. Unwin. 2,175,932; Oct. 10.
Controller, Automatic. O. Wünsche. 2,165,119; July 4.
Controller for aircraft, Variable ratio manual. S. J. Zand. 2,175,584; Oct. 10.
Controller for alternating current motors. K. O. Swanson. 2,154,543; Apr. 18.
Controller for circuit interrupters. C. Stansbury. 2,159,298; May 23.
Controller for coffee makers, Automatic. L. L. Warner. 2,167,255; July 25.
Controller for electric generating systems. W. O. Baer and E. W. Seeger. 2,179,680; Nov. 14.
Controller for electric welder and other circuits. C. Stansbury. 2,152,608; Mar. 28.
Controller for electric welder and other circuits. C. Stansbury. 2,181,351; Nov. 28.
Controller for internal combustion engines, Auxiliary air. A. H. and P. A. R. Weiertz. 2,171,735; Sept. 5.
Controller-remotely adjustable, Electrical reversing. A. A. Stein. 2,164,958; July 4.
Controller, Sequential. R. E. Bassett, Jr. 2,180,948; Nov. 21.
Controlling apparatus. R. Alkan. 2,163,724; June 27.
Controlling apparatus. J. Kirgan. 2,145,602; Jan. 31.
Controlling apparatus. J. Kirgan. 2,146,260; Feb. 7.
Controlling apparatus. E. H. Pyle and T. E. Ross. 2,176,471; Oct. 17.
Controlling apparatus for highway crossing signals. G. R. Pflasterer. 2,152,276; Mar. 28.
Controlling apparatus for an internal combustion engine. F. Nallinger. 2,155,950; Apr. 25.
Controlling apparatus, Remote. N. F. Agnew. 2,179,311; Nov. 7.
Controlling device. H. Lemp. 2,158,133; May 16.
Controlling device for printing press ductor rollers. W. C. Dennis and P. E. Haggerty. 2,178,740; Nov. 7.
Controlling device for tandem mills, Automatic. E. B. Hudson. 2,155,860; Apr. 25.
Controlling means for cooling systems of internal combustion engines. W. L. Morrison. 2,155,439; Apr. 25.
Controlling means, Machine tool feed. F. Bednarek. 2,169,351; Aug. 15.
Controlling mechanism for automobile transmissions. N. S. Lincoln. 2,143,446; Jan. 10.
Controlling or keying arrangement. K. L. King. 2,152,764; Apr. 4.
Controlling system for railroads, Centralized traffic. W. T. Powell. 2,169,479; Aug. 15.
Conversion system. E. Janetschke. 2,182,628; Dec. 5.
Conversion system. E. Schütz. 2,162,493; June 13.
Conversion unit. H. D. Bartlett. 2,158,770; May 16.
Converter. A. T. Thompson. 2,154,876; Apr. 18.
Converter control system, Synchronous. J. C. Ferrante. 2,170,816; Aug. 29.
Converter, Frequency. J. F. Farrington. 2,166,522; July 18.
Converter harmonic reduction circuit. D. E. Foster. 2,183,610; Dec. 19.
Converter with transformer, Rotary brush type. S. Kuroda. 2,145,627; Jan. 31.
Converters, Shielding of. E. J. Houdry. 2,143,009; Jan. 10.
Convertible chair. A. Lanquist. 2,147,374; Feb. 14.
Convertible chair. H. A. Yerrick. 2,150,478; Mar. 14.
Convertible rifle rack. K. Fischbacher. 2,158,623; May 16.

Convertible tool. B. F. Caldwell. 2,170,125; Aug. 22.
Converting apparatus. C. F. Wagner, J. Slepian, and L. R. Ludwig. 2,147,474; Feb. 14.
Conveyer. L. J. Bishop. 2,146,615; Feb. 7.
Conveyer. L. J. Bishop. 2,153,071; Apr. 4.
Conveyer. R. E. Briggs. 2,160,534–5; May 30.
Conveyer. C. E. Evans, Jr. 2,144,048; Jan. 17.
Conveyer. J. J. Fasmer. 2,146,061; Feb. 7.
Conveyer. J. L. Ferguson. 2,155,306; Apr. 18.
Conveyer. D. E. Gray. 2,184,915; Dec. 26.
Conveyer. K. W. Jones. 2,155,553; Apr. 25.
Conveyer. F. P. Johnson. 2,180,681; Nov. 21.
Conveyer. H. P. Knight and T. B. Franklin. 2,164,713; July 4.
Conveyer. G. E. Lamb and G. W. Anderson. 2,176,307; Oct. 17.
Conveyer. H. D. Lathrop. 2,145,882; Feb. 7.
Conveyer. H. D. Lathrop. 2,156,020; Apr. 25.
Conveyer. G. L. N. Meyer. 2,180,284; Nov. 14.
Conveyer. J. C. Paterson. 2,168,419; Aug. 8.
Conveyer. S. H. Pellar. 2,153,098; Apr. 4.
Conveyer. H. V. Schweitzer. 2,169,772; Aug. 15.
Conveyer. A. D. Sinden. 2,154,707; Apr. 18.
Conveyer. A. D. Sinden. 2,155,874; Apr. 25.
Conveyer. A. D. Sinden. 2,156,878; May 2.
Conveyer. A. De L. Sinden. 2,160,234; May 30.
Conveyer. W. H. Smith. 2,180,074; Nov. 14.
Conveyer. V. W. Todd. 2,143,117; Jan. 10.
Conveyer. C. W. Wagner. 2,167,818; Aug. 1.
Conveyer. A. F. White. 2,170,934; Aug. 29.
Conveyer, Accumulating. A. S. Mitchell and C. J. Davies. 2,180,601; Nov. 21.
Conveyer aligning device. V. F. Carus and D. D. Alexander. 2,160,057; May 30.
Conveyer and distributor, Container. C. N. Bergmann. 2,156,105; Apr. 25.
Conveyer and distributor, Container. C. N. Bergmann. 2,167,343; July 25.
Conveyer and idler, Belt. C. R. Weiss and R. W. Parker. 2,169,623; Aug. 15.
Conveyer and method of treatment, Furnace. O. R. Olson and A. V. Ritts. 2,142,824; Jan. 3.
Conveyer apparatus. W. S. Rugg and A. Palmros. 2,182,680; Dec. 5.
Conveyer apparatus. M. J. Warner. 2,149,563; Mar. 7.
Conveyer apparatus, Drying, heating, or roasting. E. W. Engelman and H. E. Wurzbach. 2,164,056; June 27.
Conveyer, Articulated resilient. A. M. Hahn. Articulated resilient conveyer. 2,158,364; May 16.
Conveyer attachment. B. H. Johnson. 2,181,659; Nov. 28.
Conveyer, Belt. M. A. Kendall. 2,179,186–7; Nov. 7.
Conveyer, Belt. J. R. Madeira. 2,147,908; Feb. 21.
Conveyer, Belt. T. G. Nyborg. 2,146,911; Feb. 14.
Conveyer, Belt. N. P. Ruppenthal. 2,166,447; July 18.
Conveyer, Roller. S. Eggleston. 2,182,756; Dec. 5.
Conveyer bucket for elevators and the like. B. I. Weller. 2,169,750; Aug. 15.
Conveyer bunching device. T. Flint. 2,151,693; Mar. 28.
Conveyer, Cable. W. B. Ranney. 2,156,353; May 2.
Conveyer chain. J. M. Bryant. 2,143,593; Jan. 10.
Conveyer chain. R. W. Hall. 2,157,289; May 9.
Conveyer, Chain. H. W. Hapman. 2,178,341; Oct. 31.
Conveyer chain. J. S. Harker and L. C. Van Gorden. 2,154,844; Apr. 18.
Conveyer chain. R. S. Miller and H. Hansen. 2,159,396; May 23.

Conveyer, Continuous. A. F. White. Re. 21,172; Aug. 8.
Conveyer, Dirt. F. Speno. 2,182,139; Dec. 5.
Conveyer, Endless band. J. C. Paterson. 2,179,270; Nov. 7.
Conveyer for cans and can covers. E. C. Damrow. 2,152,244; Mar. 28.
Conveyer for feeding articles. F. F. Ruau. 2,171,193; Aug. 29.
Conveyer for granular materials. J. J. Neuman. 2,157,301; May 9.
Conveyer for harvester-threshers. M. J. Mitchell. 2,172,982; Sept. 12.
Conveyer for heated material, Steel mill. J. E. McBride. 2,164,535; July 4.
Conveyer for labeling machines and the like. G. W. von Hofe and F. J. Hammer. 2,166,776; July 18.
Conveyer for locomotive stokers. E. Martin. 2,165,109; July 4.
Conveyer, Grain. H. M. Ullman. 2,153,703; Apr. 11.
Conveyer, Hog-head. B. J. Sadoff. 2,156,771; May 2.
Conveyer, Hydraulic. F. D. Chapman. 2,159,352; May 23.
Conveyer, Loader. H. Edwards. 2,150,211; Mar. 14.
Conveyer mechanism. A. N. Klyver. 2,154,853; Apr. 18.
Conveyer, Mold. C. Bryan. 2,162,419; June 13.
Conveyer, Portable. J. C. Buckbee. 2,144,360; Jan. 17.
Conveyer, Roller. M. S. Bowen. 2,160,807; June 6.
Conveyer roller. S. M. Weckstein. 2,155,916; Apr. 25.
Conveyer, Shaker. E. R. Bergmann. 2,149,158; Feb. 28.
Conveyer, Shaker. T. G. Nyborg. 2,152,148; Mar. 28.
Conveyer, Single wheel mold. A. C. Christensen and A. G. Granath. 2,168,898; Aug. 8.
Conveyer speed changing device. H. W. Brintnall. 2,184,905; Dec. 26.
Conveyer switch. E. H. Maltby. 2,158,482; May 16.
Conveyer system. G. A. Bouvier and E. W. Larsen. 2,151,077; Mar. 21.
Conveyer system for presses. H. D. Cavin. 2,159,779; May 23.

Conveyer table. E. J. Raffetto. 2,150,610; Mar. 14.
Conveyer, Telescoping. W. J. Zink. 2,169,890; Aug. 15.
Conveyer, Universal. H. W. Hapman. 2,178,342; Oct. 31.
Conveyers, Attachment for pnuematic. J. B. Rasor. 2,148,501; Feb. 28.
Conveyers, Propulsion mechanism for. C. G. Joa. 2,167,179; July 25.
Conveying and weighing apparatus, Combined. W. J. Lueckel. 2,169,897; Aug. 15.
Conveying apparatus. H. S. Lenhart. 2,162,954; June 20.
Conveying apparatus, Continuous. H. T. Battin. 2,168,555; Aug. 8.
Conveying device for snow removing mechanism. W. E. Klauer. 2,144,316; Jan. 17.
Conveying mechanism. F. A. Browne. 2,158,781; May 16.
Conveying mechanism. F. A. Browne. 2,181,298; Nov. 28.
Cooker. M. F. Thau. 2,158,341; May 16.
Cooker, bottle sterilizer, and the like, Electrical egg. D. N. Peirce. 2,146,511; Feb. 7.
Cooker, Deep-fat. G. W. Watts. 2,177,193; Oct. 24.
Cooker, Frankfurter. S. Kohn. 2,152,314–5; Mar. 28.
Cooker having a removable complementary unit, Electric. E. Challet. 2,147,090; Feb. 14.

Cooker, Portable. R. N. Frank. 2,174,824; Oct. 3.
Cooker, Pressure. G. G. Floyd. 2,176,865; Oct. 17.
Cooker, Pressure. E. H. Wittenberg. 2,177,123; Oct. 24.
Cooker, Timed. M. H. Graham. 2,180,233; Nov. 14.
Cooker, Tourist. W. N. Parmeter. 2,168,491; Aug. 8.
Cookers, Impeller mechanism for. J. D. Ferry. 2,176,624; Oct. 17.
Cookie machine mechanism. F. C. Werner. 2,162,145; June 13.
Cooking and frying apparatus, Electric. E. Kolouch. 2,148,822; Feb. 28.
Cooking and serving unit, Convertible. K. E. Bemis. 2,175,500; Oct. 10.
Cooking apparatus. C. J. Anderson. 2,154,391; Apr. 11.
Cooking apparatus. J. D. Ferry. 2,174,556; Oct. 3.
Cooking apparatus. J. W. Myers. 2,152,560; Mar. 28.
Cooking apparatus. K. L. Zerr. 2,142,390; Jan. 3.
Cooking apparatus, Domestic. C. L. Scott. 2,180,068; Nov. 14.
Cooking appliance. J. W. Myers and R. O. Stevenson. 2,179,422; Nov. 7.
Cooking device. R. B. Lawrence. 2,165,712; July 11.
Cooking device and method. F. J. Brumme. 2,149,131; Feb. 28.
Cooking, heating, or like apparatus for treating tins of food or other articles. H. D. Galvin. 2,154,978; Apr. 18.
Cooking machine. E. A. Brunelle. 2,176,701; Oct. 17.
Cooking machine. R. W. Stirgwolt. 2,171,510; Aug. 29.
Cooking surface and treating the same. K. L. Woodman. 2,184,828; Dec. 26.
Cooking utensil stand, Portable. E. R. Park. 2,173,024; Sept. 12.

Cooler: *See*—
Beer cooler.
Beverage cooler.
Cinder notch cooler.
Clinker cooler.
Cream cooler.
Ebullition-type cooler.
Evaporative cooler.
Gas-port cooler.
Liquid cooler.
Milk cooler.
Surface cooler.
Water cooler.

Cooler. C. I. Brown. 2,153,452; Apr. 4.
Cooler. E. G. Hoch. 2,169,914; Aug. 15.
Cooler. A. Hock and A. F. Steioff. 2,179,721; Nov. 14.
Cooler. C. S. Kauffman. 2,163,491; June 20.
Cooler and conditioner, Air. R. C. Slater. 2,156,879; May 2.
Cooler and dispenser, Beer. F. G. Wilson. 2,144,004; Jan. 17.
Cooler and dispenser, Water. W. C. Willets. 2,154,797; Apr. 18.
Cooler and filter, Oil. F. F. Kishline and G. L. Reynolds. 2,159,558; May 23.
Cooler and heater, Air. M. Wentz. 2,157,974; May 9.
Cooler and refrigerator, Combination air. L. A. Rogers. 2,144,690; Jan. 24.
Cooler for milk or other liquids. P. U. F. Blomquist. 2,144,177; Jan. 17.
Cooler for photomechanical printing plates. R. Germe. 2,169,042; Aug. 8.
Cooler using engine fuel as refrigerant, Vehicle. S. M. Bäckström. 2,145,678; Jan. 31.
Cooling and air circulating attachment for automobiles. G. R. Brent. 2,182,716; Dec. 5.
Cooling and dispensing apparatus, Combined beer. W. Kissinger. 2,169,153; Aug. 8.
Cooling apparatus. H. S. Frank. 2,166,401; July 18.
Cooling apparatus. H. W. Kleist. 2,166,161; July 18.
Cooling apparatus. L. R. Smith. 2,147,678; Feb. 21.
Cooling apparatus. L. J. Wester. 2,156,888; May 2.
Cooling apparatus. E. R. Wolfert and J. M. Labberton. 2,148,414; Feb. 21.
Cooling apparatus for bread wrapping machines. C. H. Petskeyes and A. F. Uchtorff. 2,155,614; Apr. 25.
Cooling apparatus for treating bakery products. M. H. Duval and R. Vezin. 2,171,921; Sept. 5.
Cooling by salts having a negative heat of solution. P. Schlumbohm. 2,154,473; Apr. 18.
Cooling device. S. A. Crosby. 2,152,467; Mar. 28.
Cooling device. H. E. Meyer. 2,177,185; Oct. 24.
Cooling device for liquids. E. W. Krug. 2,183,221; Dec. 12.
Cooling device for machine tools. B. R. Granberg and A. G. Ericson. 2,175,347; Oct. 10.
Cooling device, Nondiluting. J. V. Patterson. 2,160,165; May 30.
Cooler for bars, Beverage. J. J. Spitz. 2,162,649; June 13.
Cooling for engines, Selective pressure. A. T. Gregory. 2,152,043; Mar. 28.
Cooling means for combustion turbines. A. J. Jodeiko. 2,150,098; Mar. 7.
Cooling means for continuous casting apparatus. D. K. Crampton and C. Thulin. 2,169,893; Aug. 15.
Cooling means for grinding mill disks. H. A. Merges and K. Behnsen. 2,176,142; Oct. 17.
Cooling means for internal combustion engines, Liquid. R. M. Hazen. 2,162,082; June 13.
Cooling means for mirrors used with arc lamps. W. Petermann. 2,158,886; May 16.
Cooling of cylindrical bodies. R. S. Gorman and R. E. Graham. 2,167,504; July 25.
Cooling means for picker spindles. R. G. Turner. 2,184,027; Dec. 19.
Cooling pad. M. A. Savage. 2,154,216; Apr. 11.
Cooling plant. T. Wilhelm. 2,160,184; May 30.
Cooling system. R. A. Harris. 2,161,570; June 6.
Cooling system. G. E. Hulse. 2,179,632; Nov. 14.
Cooling system. C. S. Leopold. 2,150,229; Mar. 14.
Cooling system. G. L. Usselman. 2,181,953; Dec. 5.
Cooling system, Antifreeze. L. Katz and D. Pica. 2,175,121; Oct. 3.
Cooling system, Evaporative. E. B. Evleth. 2,184,613; Dec. 26.
Cooling system, Fluid. H. R. Crago. 2,168,157; Aug. 1.
Cooling system for internal combustion engines. E. Zoerlein. 2,161,942; June 13.
Cooling system for internal combustion engines, Circulating. T. B. Chace. 2,151,082; Mar. 21.
Cooling system for internal combustion engines, Circulatory. H. B. Drapeau. 2,176,331; Oct. 17.
Cooling system for internal combustion engines, Circulatory. W. L. Morrison. 2,152,526; Mar. 28.
Cooling system for metal barrels. E. F. Lee. 2,151,856; Mar. 28.
Cooling system for passenger vehicles, Air. M. E. Hanson. 2,176,841; Oct. 17.
Cooling system for vehicles. E. L. Mayo. 2,180,760; Nov. 21.
Cooling system, House. R. S. Nelson. 2,183,821; Dec. 19.
Cooling unit. B. Spieth. 2,183,593; Dec. 19.
Cooperage. J. A. Bauer. 2,152,020; Mar. 28.
Cope, Flexible. C. K. Hansen. 2,163,681; June 27.
Copies, Making duplicate. G. G. Neidich. 2,146,976; Feb. 14.
Coping. C. H. Miller. 2,153,308; Apr. 4.
Co-polymerization products. R. M. Wiley. 2,160,931; June 6.
Co-polymers of vinylidene chloride. R. M. Wiley. 2,160,932; June 6.
Co-polymers of vinylidene chloride. R. M. Wiley. 2,160,945; June 6.
Copper acetoarsenite or Schweinfurt green, Manufacture of. M. Serciron. 2,159,864; May 23.
Copper alloy. E. R. Darby. 2,148,151; Feb. 21.
Copper alloy. H. F. Silliman. 2,175,223; Oct. 10.
Copper alloy. F. R. Hensel and E. I. Larsen. 2,142,671; Jan. 3.
Copper alloy. F. R. Hensel and E. I. Larsen. 2,173,254; Sept. 19.
Copper alloy. F. R. Hensel and E. I. Larsen. 2,178,992; Nov. 7.
Copper anodes, Method and apparatus for casting. A. Busche. 2,151,683; Mar. 28.
Copper base alloy. F. R. Hensel and E. I. Larsen. 2,142,672; Jan. 3.
Copper base alloy. F. R. Hensel and E. I. Larsen. 2,161,468; June 6.
Copper base alloy. J. M. Kelly. 2,147,844; Feb. 21.
Copper base alloy. J. M. Kelly. 2,169,187–90; Aug. 8.
Copper base alloy. C. S. Smith and E. W. Palmer. 2,157,149; May 9.
Copper base alloys. D. K. Crampton and H. L. Burghoff. 2,155,408; Apr. 25.
Copper cakes, Casting. M. L. Dorris. 2,151,841; Mar. 28.
Copper complex compounds of disazo dyestuffs of the stilbene series. H. Schindhelm. 2,175,815; Oct. 10.
Copper complex compounds of polyazo dyestuffs. H. Schindhelm and C. T. Schultis. 2,151,531; Mar. 21.
Copper complex compounds of polyazo dyestuffs of the stilbene series. H. Schindhelm and C. T. Schultis. 2,175,552; Oct. 10.
Copper compounds of primary resorcinol trisazo-dyestuffs and their manufacture. F. Dobler and H. Buess. 2,183,673; Dec. 19.
Copper from cuprammonium artificial silk waste lyes, Regeneration of. E. Kuss, O. Emert, and A. Hake. 2,162,176; June 13.
Copper or its alloys with tin, Coating. A. E. Pavlish and J. D. Sullivan. 2,159,510; May 23.
Copper phosphate, Making. C. F. Booth and H. J. Krase. 2,169,576; Aug. 15.
Copper phthalocyanine, Manufacture of. S. R. Detrick. 2,160,837; June 6.
Copper powder, Preparing. J. E. Drapeau, Jr. 2,170,814; Aug. 29.
Copper, Production of bright. W. R. Meyer and M. F. Dunleavey. 2,172,171; Sept. 5.
Copper, Refining. H. C. Kenny. 2,172,009; Sept. 5.
Copper refining apparatus. R. P. Heuer. 2,158,625; May 16.
Copper, Refining of cathode. L. Bercovici. 2,142,090; Jan. 3.
Copper refining process. R. P. Heuer. 2,166,354; July 18.
Copper salts, Manufacture of. E. Kuss, K. Horalek, and O. Emert. 2,161,825; June 13.
Copper-silver-beryllium-nickel alloy. F. R. Hensel and E. I. Larsen. 2,143,914; Jan. 17.
Copper solutions, Preparation of iron free. S. Gulbrandsen. 2,168,985; Aug. 8.
Copper sulphate, Making. M. C. Bagby. 2,153,908; Apr. 11.
Copper sulphide, Converting. G. T. Traut. 2,165,667; July 11.
Copper xanthate. R. H. Carter. 2,173,383–4; Sept. 19.
Copper-zinc alloys. W. J. Müller and M. Niessner. 2,144,993; Jan. 24.
Copperas, Calcining. B. A. Smith. 2,143,805; Jan. 10.

Copy holder. A. G. Croninger and O. D. Baker. 2,144,562; Jan. 17.
Copy holder. N. Dodds. 2,162,706; June 20.
Copy holder. C. J. Meek. 2,179,419; Nov. 7.
Copy holder. L. W. Shafer. 2,155,246; Apr. 18.
Copy holder. H. C. Stevens. 2,153,103; Apr. 4.
Copy holder. H. C. Welter. 2,171,261; Aug. 29.
Copy holder carriage. P. G. Flores. 2,165,042; July 4.
Copy holder for a copying machine. R. S. Hopkins. 2,161,352; June 6.
Copyholder for photocopy machines. E. R. Sabel. 2,163,451; June 20.
Copy of an original to be reproduced, Producing a screened work. W. Schupp. 2,145,995–6; Feb. 7.
Copy sheet. H. E. Collins. 2,163,934; June 27.
Copying and engraving machine. K. Zwick. 2,178,131; Oct. 31.
Copying machine, Offset rotary. L. Kluitmann. 2,157,489; May 9.
Copying, Method of. L. W. Wagner. 2,144,130; Jan. 17.
Cord and coiler, Coiling. H. M. Hay. 2,171,553; Sept. 5.
Cord, Apparatus for stretching. C. J. Killette. 2,148,162; Feb. 21.
Cord assembly for vacuum cleaners or the like, Electric. E. E. Folsom, Jr. 2,171,331; Aug. 29.
Cord backing and cutting guide, Bag seal. H. L. C. Wenk, Jr. 2,181,353; Nov. 28.
Cord, Cellulosic. M. Katz. 2,161,819; June 13.
Cord controller for electric flatirons. J. L. Ray. 2,144,272; Jan. 17.
Cord dispenser. L. Hall. 2,143,481; Jan. 10.
Cord, Extensible. J. W. Campbell. 2,173,096; Sept. 19.
Cord fastening device. E. F. Rathgeber. 2,142,952; Jan. 3.
Cord for making articles, such as pneumatic tires, belts, and the like, and preparing the same. C. C. Cadden. 2,172,497; Sept. 12.
Cord holder. G. Dorman. 2,160,961; June 6.
Cord hook. O. Holm-Hansen. 2,145,723; Jan. 31.
Cord-locking mechanism for Venetian blinds. W. J. Stuber and J. J. Di Ienno. 2,175,977; Oct. 10.
Cord, Manufacture of web. L. S. M. and E. J. A. Lejeune. 2,153,967; Apr. 11.
Cord reel for electric plug caps. W. R. Young. 2,167,541.
Cord release, Resilient. J. K. Walter. 2,156,467; May 2.
Cord retriever. D. Hoppenstand. 2,169,734; Aug. 15.
Cord rod packing machine. J. M. Binder. 2,183,928; Dec. 19.
Cord stretching apparatus. L. M. Cotchett. 2,174,688; Oct. 3.
Cord take-up, Telephone. J. T. Hellman. 2,167,571; July 25.
Cord to soap, Attaching. L. D. Hokerk. 2,182,293; Dec. 5.
Core and binder therefor, Foundry. O. S. Smith. 2,146,918; Feb. 14.
Core barrel. W. E. Boyd. 2,173,677; Sept. 19.
Core barrel construction. W. E. Boyd. 2,173,676; Sept. 19.
Core barrel for oil well apparatus. W. G. Frenzel. 2,145,170; Jan. 24.
Core barrel, Retractable. L. E. Garfield. 2,148,373; Feb. 21.
Core barrel, Retrieving. H. Pennington. 2,145,191; Jan. 24.
Core barrel, Sand line. G. C. Oliver. 2,167,991; Aug. 1.
Core bit. C. J. Koebel. 2,182,562; Dec. 5.
Core catcher. C. F. Baker. 2,152,341; Mar. 28.
Core catcher. D. Mackenzie and J. E. Hoffoss. 2,161,582; June 6.
Core, Collapsible. W. H. Cobi. 2,170,188; Aug. 22.
Core compositions. N. G. Anderson. 2,143,930; Jan. 17.
Core construction and making same, Electromagnetic. E. E. Wickersham. 2,143,811; Jan. 10.
Coring device. R. De Long. 2,173,531–2; Sept. 19.
Core drill. W. L. Acker. 2,151,673; Mar. 28.
Core drilling apparatus. J. E. Hoffoss. 2,164,652; July 4.
Core drilling apparatus. W. B. Noble. 2,184,361; Dec. 26.
Core fin binder strip. F. M. Young. 2,168,549; Aug. 8.
Core for casting heavy hollow steel blocks, Yieldable. H. Ruppik. 2,170,486; Aug. 22.
Core for electrodepositing pipe couplings. A. C. Arbogast. 2,181,256; Nov. 28.
Core for producing pipe couplings by electrodeposition. A. C. Arbogast. 2,181,257; Nov. 28.
Core former for making ducts. I. O'Rourke. 2,143,448; Jan. 10.
Core, Guided solenoid. G. Stumpf. 2,176,564; Oct. 17.
Core making machine. C. Prehoda. 2,163,964; June 27.
Core member. R. C. Pierce. 2,156,164; Apr. 25.
Core mounting. C. E. Meyerhoefer. 2,170,031; Aug. 22.
Core orientation apparatus. J. M. Pearson. 2,149,715; Mar. 7.
Core protractor. G. L. Kothny. 2,170,146; Aug. 22.
Core ring coupling, Interrupted. N. L. Alison. 2,167,382; July 25.
Core samples, Device for obtaining. R. Q. Seale. 2,181,980; Dec. 5.
Core taking apparatus. G. G. Harrington. 2,147,896; Feb. 21.
Core taking apparatus. G. G. Harrington. 2,184,343; Dec. 26.
Core taking apparatus. F. Thrift. 2,164,598; July 4.
Coreless induction heater. B. Ronay. 2,176,103; Oct. 17.
Corer. C. T. Bard. 2,150,046; Mar. 7.
Cores, Apparatus for baking radiator. H. S. Munch and M. G. Boerger. 2,154,104; Apr. 11.
Cores, Apparatus for making strip wound magnetic. J. C. Granfield. 2,160,589; May 30.
Cores, Method and apparatus for taking sample. P. Higgins, Jr. 2,170,716; Aug. 22.
Cores, Method of and apparatus for taking earth. F. M. Varney and L. E. Redwine. 2,176,477; Oct. 17.
Coring to preserve fluid content, Method of. N. Johnston. 2,146,263; Feb. 7.
Cork composition. C. E. McManus. 2,158,469; May 16.
Cork extruding device. G. P. Edmonds. 2,143,549; Jan. 10.
Cork product and preparing same, Natural. J. M. Mueller. 2,147,987; Feb. 21.
Cork remover. M. Puccetti. 2,145,129; Jan. 24.
Corncrib or similar structure. C. E. Carr. 2,171,121; Aug. 29.
Corn cutter. H. C. Horstmann, Jr. 2,158,541; May 16.
Corn cutting machine, Green. C. E. Kerr. 2,169,963; Aug. 15.
Corn harvester. H. J. Kuhlman. 2,169,070; Aug. 8.
Corn husker. R. L. Anderson and F. R. Martin. 2,167,967; Aug. 1.
Corn husker. C. E. Kerr. 2,177,988; Oct. 31.
Corn husker and shredder. H. L. and A. Rosenthal. 2,184,083; Dec. 19.
Corn husking machine. S. E. and W. W. Morral. 2,179,579; Nov. 14.
Corn picker. A. W. Oehler and R. L. Anderson. 2,160,486; May 30.
Corn picker. A. Otto. 2,152,273; Mar. 28.
Corn picking machine. B. Nightenhelser and J. Ballard. 2,182,772; Dec. 5.
Corn picking roller. R. H. Blank. 2,178,013; Oct. 31.
Corn popper. E. Branam. 2,168,665; Aug. 8.
Corn popper. C. A. Dondanville. 2,179,146; Nov. 7.
Corn-popping machine. T. V. Barnard. 2,147,478; Feb. 14.
Corn reloader. C. Kayser. 2,152,413; Mar. 28.
Corn sheller. J. A. Erickson. 2,168,617; Aug. 8.
Corn shucker. M. Oelkers. 2,179,897; Nov. 14.
Corn test probe, Ear. J. Sand. 2,184,472; Dec. 26.
Corn uncoverer, Rotary. J. J. McDermott. 2,182,157; Dec. 5.
Corner bead. J. J. Manofsky. 2,163,613; June 27.
Corner construction, Artificial brick. R. R. Brenner. 2,169,136; Aug. 8.
Cork products and similar material, Molding. M. Levin. 2,155,429; Apr. 25.
Correction device for gyrocompasses. N. W. Thompson. 2,157,360; May 9.
Corrosion inhibitor. E. C. Britton, H. S. Nutting, and P. S. Petrie. 2,164,564; July 4.
Corrosion inhibitor. L. J. Figg, Jr., and J. W. Rhea. 2,176,492; Oct. 17.
Corrosion inhibitor, Antifreeze. A. L. Bayes. 2,153,952; Apr. 11.
Corrosion of metallic objects, Preventing. L. B. Beckwith. 2,158,771; May 16.
Corrosion of tin containers, Inhibiting the alkaline. A. C. Nitti. 2,152,658–9; Apr. 4.
Corrosion prevention. R. W. Moncrieff and E. B. Thomas. 2,180,427; Nov. 21.
Corrosion, Prevention of. G. A. Kelley. 2,169,584; Aug. 15.
Corrosion preventive. R. B. Lebo. 2,182,992; Dec. 12.
Corrosion resistant steel alloy. R. Franks. 2,183,715; Dec. 19.
Corrosive substances, Concentration of. W. Büshing. 2,172,058; Sept. 5.
Corrugating machine construction. H. W. Bruker and W. A. Hohman. 2,174,565; Oct. 3.
Corsage clip. M. De Meester. 2,173,011; Sept. 12.
Corsage pin. J. Moss. 2,167,671; Aug. 1.
Corset. A. I. Braissant. 2,160,428; May 30.
Corset. M. S. Graves. 2,155,485; Apr. 25.
Corset. J. J. Kispert. 2,182,848; Dec. 12.
Corset garment. S. T. Metz. 2,157,422; May 9.
Corset, Maternity. I. R. Versoy. 2,180,178; Nov. 14.
Cosmetic cabinet. W. P. Koeller. 2,180,151; Nov. 14.
Cosmetic container. A. R. Botham. 2,184,730; Dec. 26.
Cosmetic holder. G. C. Fullmer. 2,178,279; Oct. 31.
Cosmetic holder. A. Mitchell. 2,155,797; Apr. 25.
Cosmetic packet. L. Singleton. 2,175,133; Oct. 3.
Cosmetic preparation. B. R. Harris. 2,173,203; Sept. 19.
Cosmetics, Application of. C. E. Zimmerman. 2,176,831; Oct. 17.
Cosmetics, Device for containing and applying. M. V. Eastley. 2,180,404; Nov. 21.
Costumer. R. B. Curtiss. 2,154,833; Apr. 18.
Cot, Finger. J. G. Lenta. 2,157,293; May 9.
Cot, Mortician and ambulance. B. E. Schmidt. 2,142,215; Jan. 3.
Cotter pin. B. Barr. 2,182,462; Dec. 5.
Cotter pin. F. M. Guy. 2,162,811; June 20.
Cotter pin. M. A. Smith. 2,169,191; Aug. 8.
Cotter pin. S. J. Strid. 2,153,440; Apr. 4.
Cotter pin. S. J. Strid. 2,166,614; July 18.
Cotter pin locking device. G. T. Cooke. 2,151,316; Mar. 21.

Cotton, Apparatus for conditioning. W. Jones. 2,161,170; June 6.
Cotton, Apparatus for magnetically cleaning. W. Kagan. 2,163,242; June 20.
Cotton bleaching. H. O. Kauffmann. 2,165,270; July 11.
Cotton, Bleaching raw stock. E. P. Sherman. 2,143,803; Jan. 10.
Cotton cleaning and extracting machine, Self-contained. J. E. Mitchell. 2,172,619; Sept. 12.
Cotton cleaning machine. H. T. Ahrens. 2,169,782; Aug. 15.
Cotton condenser sampling device. G. E. Gaus. 2,144,306; Jan. 17.
Cotton conditioner. P. H. Rylander. 2,160,253; May 30.
Cotton conditioning apparatus. C. J. Baker. 2,148,184; Feb. 21.
Cotton drying and conditioning apparatus. J. J. Fowler. 2,158,752; May 16.
Cotton or like fibrous material, Apparatus for cleaning and opening. T. C. Williams and S. A. Shorter. 2,157,684; May 9.
Cotton or the like, Spreading. R. C. Thomson. 2,143,333; Jan. 10.
Cotton picker. G. W. Bornman. 2,155,296; Apr. 18.
Cotton picking machine. J. D. Rust. 2,162,750; June 20.
Cotton picking machine. J. D. and M. D. Rust. 2,143,901; Jan. 17.
Cotton picking machine, Self-propelled tandem. J. D. Rust. 2,175,216; Oct. 10.
Cotton sample selecting device. G. E. Gaus. 2,166,811; July 18.
Cotton sampler apparatus. G. E. Gaus and G. N. Franks. 2,156,893; May 2.
Cotton sampler for cotton condensers. G. E. Gaus and V. L. Stedronsky. 2,156,894; May 2.
Cottonseed, Apparatus for treating. H. O. Shields. 2,166,974; July 25.
Cottonseed, Delinting. O. Sheppard, Jr. 2,144,579; Jan. 17.
Cotton stalk cutter. C. Slater. 2,152,158; Mar. 28.
Couch. J. W. Bowersox. 2,175,015; Oct. 3.
Couch. H. A. Wuest. 2,143,253; Jan. 10.
Couch. E. T. and H. A. Wuest. 2,151,257; Mar. 21.
Couch back structure, Foldable. A. Krakauer. 2,175,991; Oct. 10.
Couch bed. F. Hoffman. 2,177,353; Oct. 24.
Couch bed. J. Martin. 2,143,355; Jan. 10.
Couch, Convertible. J. D. Bell. 2,173,641; Sept. 19.
Couch, Convertible. G. A. Johnson. 2,179,152; Nov. 7.
Couch for X-ray diagnosing purposes, Tiltable. E. Pohl 2,177,808; Oct. 31.
Couch, Massaging. W. C. Redfield. 2,175,614; Oct. 10.
Couch, Studio. M. F. Bayer. 2,169,211; Aug. 15.
Couch, Studio. M. Fox. 2,150,879; Mar. 14.
Couch, Studio. M. Fox. 2,167,175; July 25.
Couch, Studio. D. R. Gunn, Jr. 2,162,503; June 13.
Couch, Studio. J. Martin. 2,161,514; June 6.
Couch, Studio. A. Wesley. 2,162,146; June 13.
Couch, Studio. E. T. and H. A. Wuest. 2,145,382; Jan. 31.
Couch, Studio. W. E. Wunderlich. 2,148,890; Feb. 28.
Counter. W. H. Bain. 2,154,023; Apr. 11.
Counter. H. N. Bliss. 2,159,314; May 23.
Counter. H. N. Bliss. 2,168,151; Aug. 1.
Counter. H. N. Bliss. 2,181,260; Nov. 28.
Counter. G. L. Manke. 2,159,334; May 23.
Counter. P. J. McLaren. 2,177,437; Oct. 24.
Counter. G. Wintritz and F. Ulrich. 2,167,259; July 25.
Counter actuating mechanism. J. Albertoli. 2,177,088; Oct. 24.
Counter and stiffening member for shoes, Combination. H. L. Sutcliffe. 2,177,030; Oct. 24.
Counter assembly and shifter mechanism. M. M. Hennessy. 2,144,152; Jan. 17.
Counter, Automatic strip. H. Raymond. 2,174,480; Sept. 26.
Counter construction, Display. J. F. Urbanek. 2,171,378; Aug. 29.
Counter, Display. R. Whitsett. 2,158,447; May 16.
Counter, Locked pick. H. L. Spaunburg. 2,165,733; July 11.
Counter molding machine. C. W. Bailey and J. H. Scharffenberg. 2,166,888; July 18.
Counter molding machine. L. H. Bennion and A. A. Rivington. 2,178,133; Oct. 31.
Counter molding machine. J. Castonguay. 2,152,838; Apr. 4.
Counter or display case, Show. B. Hagelin and B. Kock. 2,158,420; May 16.
Counter or table dispensing and display construction. B. J. Goldsmith. 2,154,268; Apr. 11.
Counter, Price and quantity indicating. B. J. Pepper. 2,157,627; May 9.
Counter rack. S. Bloomfield. 2,183,805; Dec. 19.
Counter rolling machine. C. W. Bailey. 2,160,775; May 30.
Counter transfer and clearing mechanism. E. M. La Boiteaux. 2,171,477; Aug. 29.
Counter, Vacuum tube cycle. W. P. Overbeck. 2,147,918; Feb. 21.
Counters, Manufacture of multi-ply. F. L. Ayers. 2,148,336; Feb. 21.
Counting and recording machine. C. A. Marston. 2,153,808; Apr. 11.
Counting device. F. Autem. 2,165,527; July 11.
Counting device. J. D. Lord. 2,148,992; Feb. 28.
Counting device. A. S. McDonnell. 2,161,630; June 6.
Counting device. H. L. Spaunburg. 2,143,584; Jan. 10.
Counting mechanism. H. A. Rau. 2,144,708; Jan. 24.
Counting system, Electrical. F. W. Frink. 2,168,198; Aug. 1.
Counterbalance, Counterrotating. C. I. Thomas. 2,184,200; Dec. 19.
Counterbalance, Fluid-pressure. W. E. Saxe. 2,162,125; June 13.
Counterbalance for crank motion machines, Pneumatic. W. E. Burns. 2,172,346; Sept. 12.
Counterbalance for crankshafts. J. B. Wrigley. 2,182,740; Dec. 5.
Counterbalance for oil pumping apparatus. W. M. Mansfield. 2,152,701; Apr. 4.
Counterbalance for oil pumping apparatus, Pivoted. W. M. Mansfield. 2,152,702; Apr. 4.
Counterbalance, Spring. W. H. Haupt. 2,168,209; Aug. 1.
Counterbalance, Walking beam. C. R. Athy. 2,175,588; Oct. 10.
Counterbalanced stamp mill. R. M. Gruss. 2,153,558; Apr. 11.
Counterbalancing device. J. F. Eaton. 2,150,822; Mar. 14.
Counterbalancing system for oil wells. W. E. Saxe. 2,184,437; Dec. 26.
Counterbore. A. E. Saxer. 2,162,284; June 13.
Countercurrent condenser. A. W. Baumann. 2,147,876; Feb. 21.
Countercurrent contacting machine, Centrifugal. G. Thayer. 2,176,982; Oct. 24.
Countercurrent treatment, Process and apparatus for. W. Kiersted, Jr. 2,176,429; Oct. 17.
Counterelectromotive-force cell. H. P. Murphy. 2,156,222; Apr. 25.
Counterfeit money detector. J. H. Ruth. 2,161,594; June 6.
Counterflow system for wool scouring machines. F. L. Furbush. 2,157,287; May 9.
Coupler. D. S. Barrows. 2,148,364; Feb. 21.
Coupler. M. E. Dayton. 2,166,208; July 18.
Coupler. E. P. Kinne. 2,183,501; Dec. 12.
Coupler. E. P. Kinne and F. H. Kayler. 2,160,419; May 30.
Coupler. A. O. Mickelson and A. J. Duael. 2,153,096; Apr. 4.
Coupler and system therefor, Electronic amplifying. T. W. Varley. 2,166,775; July 18.
Coupler, Antenna. M. G. Clay. 2,172,923; Sept. 12.
Coupler, Automatic car. K. Scharfenberg. 2,161,724; June 6.
Coupler, Automatic drawbar and car. Lloyd and Leroy Price. 2,154,415; Apr. 11.
Coupler, Automatic swivel. E. Ramsay. 2,142,411; Jan. 3.
Coupler, Brake system. J. R. Watson. 2,153,111; Apr. 4.
Coupler, Car. A. J. Bazeley. 2,170,891; Aug. 29.
Coupler, Car. W. J. Metzger. 2,170,907; Aug. 29.
Coupler, Fluid actuated. E. F. Sarver. 2,170,538; Aug. 22.
Coupler for locomotives, Drop. H. A. Hoke. 2,179,789; Nov. 14.
Coupler for lubricant fittings. W. L. Ostendorf. 2,168,915; Aug. 8.
Coupler for tractor drawn trailers, Stabilized. G. P. Humphrey. 2,170,898; Aug. 29.
Coupler for train pipes. F. W. Dearborn. 2,171,288; Aug. 29.
Coupler operating device. J. E. Vaughn. 2,142,809; Jan. 3.
Coupler shank and yoke connection. W. J. Metzger. 2,170,908; Aug. 29.
Coupler structure. E. P. Kinne and E. J. Greenawalt. 2,167,613; July 25.
Coupler structure, Locomotive. C. L. Reid. 2,148,580; Feb. 28.
Coupler, Tight-lock car. H. E. Van Dorn. 2,164,969; July 4.
Coupler, Trailer. C. F. Bracht. 2,155,782; Apr. 25.
Coupler, Trailer. W. C. Fry. 2,162,481; June 13.
Coupler, Universal. J. A. Schroeder and C. F. Glaser. 2,179,432; Nov. 7.
Coupler, Windmill. C. J. Vater. 2,172,915; Sept. 12.
Coupling: *See*—
Adjustable coupling.
Automatic air coupling.
Belt coupling.
Buffer coupling.
Car coupling.
Cleaner coupling.
Core ring coupling.
Demountable coupling.
Distorted sleeve coupling.
Drill stem coupling.
Drive equalizing coupling.
Elastic coupling.
Flexible adapter coupling.
Flexible coupling.
Flexible shaft coupling.
Floating shaft coupling.
Fluid coupling.
Heat insulating coupling.
Hose coupling.
Hydraulic coupling.
Joint coupling.
Magnetic coupling.
Magneto coupling.
Mechanical coupling.
Parachute harness release coupling.
Pipe coupling.
Plow coupling.
Pull rod coupling.
Remote control coupling.
Resilient coupling.
Rod coupling.
Rope coupling.
Shaft coupling.
Shafting coupling.
Suction cleaner coupling.
Swivel pipe coupling.
Tractor coupling.

Coupling: *See*—
- Trailer coupling.
- Transmission coupling.
- Two-way coupling.
- Universal coupling.
- Universal shaft coupling.
- Vehicle axle coupling.
- Vehicle coupling.
- Wash line coupling.
- Water-cooled coupling.

Coupling. J. O. Blackmon. 2,161,501; June 6.
Coupling. F. A. Clarke. 2,153,077; Apr. 4.
Coupling. F. A. Clarke. 2,164,447; July 4.
Coupling. R. D. Colgrove. 2,183,546; Dec. 19.
Coupling. A. L. Curry. 2,169,636; Aug. 15.
Coupling. J. P. Eastman. 2,158,620; May 16.
Coupling. J. P. Eastman. 2,184,116; Dec. 19.
Coupling. A. A. Forsberg. 2,150,765; Mar. 14.
Coupling. W. N. Glab. 2,147,026; Feb. 14.
Coupling. H. Z. Gora. 2,166,402; July 18.
Coupling. F. Jacobson. 2,142,357; Jan. 3.
Coupling. M. Kuestermeier. 2,158,757; May 16.
Coupling. E. S. Miller. 2,168,101; Aug. 1.
Coupling. F. J. Raybould. 2,148,038; Feb. 21.
Coupling. F. J. Raybould. 2,163,810; June 27.
Coupling. T. W. Reed. 2,183,895; Dec. 19.
Coupling. L. Ricefield. 2,146,764–6; Feb. 14.
Coupling. W. P. Schmitter. 2,181,537; Nov. 28.
Coupling. P. L. Scott. 2,179,355; Nov. 7.
Coupling. B. Thomson. 2,150,468; Mar. 14.
Coupling. W. G. Wilson. 2,167,258; July 25.
Coupling and automatic brake mechanism, Trailer. E. R. Shaffer. 2,149,188–9; Feb. 28.
Coupling and guide, Combined sucker rod. J. J. Fitzpatrick. 2,162,426; June 13.
Coupling and like circuit, Intervalve. J. Hardwick and E. L. C. White. 2,161,959; June 13.
Coupling and support, Trailer. A. Claud-Mantle. 2,167,520; July 25.
Coupling and supporting structure, Combined. W. J. Bargen. 2,184,173; Dec. 19.
Coupling apparatus. F. P. Dunn. 2,183,990; Dec. 19.
Coupling arrangement, Capacitive. K. Wilhelm. 2,183,632; Dec. 19.
Coupling arrangement for amplifiers and repeaters. W. V. Roberts. 2,159,944; May 23.
Coupling arrangement, Variable. G. L. Usselman and H. E. Goldstine. 2,175,710; Oct. 10.
Coupling assembly, Rod. H. R. Crane. 2,152,636; Apr. 4.
Coupling compounds for color forming development. W. Schneider and H. Loleit. 2,154,918; Apr. 18.
Coupling construction. J. P. Eastman. 2,158,619; May 16.
Coupling device. R. A. Bell. 2,156,272; May 2.
Coupling device. W. O. Beyer and T. R. Tarn. 2,184,376; Dec. 26.
Coupling device. K. Beyerle. 2,158,103; May 16.
Coupling device. W. Buschbeck. 2,157,523; May 9.
Coupling device. M. H. Carpenter. 2,152,175; Mar. 28.
Coupling device. J. A. O'Day. 2,154,914; Apr. 18.
Coupling device. P. M. Patterson. 2,174,010; Sept. 26.
Coupling device. W. Scheppmann. 2,164,947; July 4.
Coupling device, Angularly adjustable shaft. E. Schaeren. 2,165,658; July 11.
Coupling device, Aperiodic. K. Wilhelm. 2,157,582; May 9.
Coupling device, Automatic. G. H. Williams. 2,172,602; Sept. 12.
Coupling device, Flexible. F. C. Greulich. 2,174,342; Sept. 26.
Coupling device for railway vehicles. E. Bugatti. 2,175,515; Oct. 10.
Coupling device, High frequency. W. J. Polydoroff. 2,144,029; Jan. 17.
Coupling device, High-frequency. W. J. Polydoroff. 2,165,575; July 11.
Coupling device intended especially for railroad vehicles. E. Bugatti. 2,163,826; June 27.
Coupling for beds, Exhibition. J. H. De Boer. 2,142,487; Jan. 3.
Coupling for continuously changing speed transmissions. C. C. Kaskell. 2,175,898; Oct. 10.
Coupling for electrical and mechanical purposes. A. F. Richards and H. Bright. 2,149,550; Mar. 7.
Coupling for electrical conductors, Detachable. R. C. Howell. 2,171,726; Sept. 5.
Coupling for fabric hose. W. H. Evans. 2,160,354; May 30.
Coupling for fluid systems, Mated. P. W. Parkerton. 2,154,526; Apr. 18.
Coupling for railway cars, Automatic central buffer. S. Torma. 2,153,107; Apr. 4.
Coupling for replacing drive shafts of no-draft window regulators for motor vehicles. G. Levey. 2,154,245; Apr. 11.
Coupling for sections of prefabricated buildings. D. L. Wallace. 2,142,388; Jan. 3.
Coupling for shafts, Flexible. H. H. Berryman. 2,170,627; Aug. 2.
Coupling for suction cleaners and the like, Tubular. E. F. Martinet. 2,184,881; Dec. 26.
Coupling for toy trains, Automatic. A. Erb. 2,183,608; Dec. 19.
Coupling for trailers of motor vehicles, Ball joint. F. Knöbel, Jr. 2,143,322; Jan. 10.
Coupling for tubes, Flexible. A. L. Parker. 2,164,471; July 4.
Coupling for tubing, Resilient. G. W. Haury. 2,174,105; Sept. 26.
Coupling for vehicles, Electric. C. F. Schwein. 2,158,385; May 16.
Coupling joint with constant transmission ratio, Aperiodic oscillating. M. de Falco. 2,144,964; Jan. 24.
Coupling machine. F. P. Di Cesare. 2,144,834; Jan. 24.
Coupling, Making a flexible. H. P. Bemis. 2,157,093; May 9.
Coupling means for locomotive and the like. W. R. Elsey. 2,164,703; July 4.
Coupling mechanism for trailers and tractors. E. J. Fraser and M. J. Wilson. 2,144,243; Jan. 17.
Coupling member. G. R. Bamberger. 2,159,756; May 23.
Coupling pin. H. Landis. 2,158,941; May 16.
Coupling pin. W. H. Schmalstieg. 2,161,390; June 6.
Coupling pin. J. Stastny. 2,180,558; Nov. 21.
Coupling provided with vibration absorbers, Disk. R. Binder. 2,183,130; Dec. 12.
Coupling structure. G. J. Henry. 2,183,614; Dec. 19.
Coupling system, Adjustable. A. Crossley. 2,182,071; Dec. 5.
Coupling system for multiple wave band circuits. J. D. Reid and L. R. Kirkwood. 2,148,039; Feb. 21.
Coupling system, Impedance matching. W. V. Roberts. 2,153,776; Apr. 11.
Coupling system, Two-terminal band-pass. H. A. Wheeler. 2,167,137; July 25.
Coupling system, Wide band. H. A. Wheeler. 2,167,134–5; July 25.
Coupling unit. A. Latham and A. Swan. 2,179,854; Nov. 14.
Coupling unit, Self-threading. J. N. Ice. 2,152,962; Apr. 4.
Couplings and couplings so made, Manufacturing sucker rod. C. I. Leibensperger and F. H. Thorpe. 2,157,713; May 9.
Couplings, Making flexible shaft. M. L. Fykse. 2,184,183; Dec. 19.
Coupon book. A. S. Kalinowski. 2,183,241; Dec. 12.
Coupon ticket printing machine. M. J. Hoffman. 2,145,654; Jan. 31.
Course changing means for automatic pilots, Rate control. B. G. Carlson. 2,155,401; Apr. 25.
Course device for vehicles. F. Lauck. 2,178,306; Oct. 31.
Course finding method and apparatus. P. E. Köster. 2,158,584; May 16.
Course guiding system. E. F. W. Alexanderson. 2,184,267; Dec. 26.

Cover: *See*—
- Annealing cover.
- Bedspring cover.
- Bottle cover.
- Desk cover.
- Dust guard cover.
- Fishhook cover.
- Float gauge cover.
- Flowerpot cover.
- Furniture slip cover.
- Garbage can cover.
- Garment hanger cover.
- Gas tank cover.
- Golf ball cover.
- Grave cover.
- Hatch cover.
- Ironing board cover.
- Keyhole cover.
- Manhole cover.
- Mattress cover.
- Paper bedpan cover.
- Protective cover.
- Radiator cover.
- Receptacle cover.
- Sanitary seat cover.
- Seat cover.
- Scrip cover.
- Shoe cover.
- Soaking pit cover.
- Spring cover.
- Strainer cover.
- Swatch cover.
- Thermal cover.
- Thread cover.
- Tire cover.
- Ventilating lid cover.
- Watch cover.
- Wheel cover.

Cover access opening, Flush. C. J. Brukner. 2,156,110; Apr. 25.
Cover and attaching drawstrings to the edges thereof, Toilet seat lid. E. J. Sailer. 2,172,224; Sept. 5.
Cover and constructing the same, Garment. M. Katz. 2,172,206; Sept. 5.
Cover and fastener, Basket. W. W. Hargroves. 2,162,305; June 13.
Cover and flexible joint, Combined socket. B. A. Dickerson. 2,164,389; July 4.
Cover and holder, Stenographer's notebook. J. H. Becker. 2,181,557; Nov. 28.
Cover and method, Vehicle top. J. E. Hooper. 2,145,691; Jan. 31.
Cover and screen fastener, Radiator. J. W. Osten. 2,153,772; Apr. 11.
Cover and strainer, Milk bucket. K. Holbrook. 2,171,982; Sept. 5.
Cover applying mechanism for can washing machines. H. D. Lathrop. 2,154,172; Apr. 11.
Cover assembly for storage batteries, Cell. G. A. Paddock. 2,182,500; Dec. 5.
Cover clamp. A. D. Forbes. 2,162,480; June 13.
Cover construction. L. A. Shoemaker and A. E. Miller. 2,167,691; Aug. 1.
Cover construction, Porthole. J. A. Elfstrom. 2,178,392; Oct. 31.
Cover dispenser, Toilet seat. W. G. Lemmon and A. Stowers. 2,166,996; July 25.
Cover dispensing machine, Sanitary toilet seat. N. Altiery. 2,175,553; Oct. 10.
Cover feeding and folding mechanism for booking machines. C. F. Wright. 2,156,558; May 2.

Cover for automobile seat cushions, Slip. G. E. Habel. 2,143,314; Jan. 10.
Cover for bedpans, Protective sanitary. K. M. Englert. 2,169,834; Aug. 15.
Cover for boxes, Display. W. W. Saint. 2,155,996; Apr 25.
Cover for cans and containers, Wrap. M. Buchalter. 2,142,301; Jan. 3.
Cover for coin receptacles. C. C. Veale. 2,172,554; Sept. 12.
Cover for containers, Airtight. S. Kazanjian. 2,160,591; May 30.
Cover for control units. N. C. Schellenger. 2,177,286; Oct. 24.
Cover for garment hangers. J. W. Johnson. 2,178,965; Nov. 7.
Cover handling device. E. R. Alling. 2,147,477; Feb. 14.
Cover for ironing surfaces, Asbestos fabric. B. H. Foster. 2,180,515; Nov. 21.
Cover for kitchen ranges, Top. J. J. Lautz. 2,163,258; June 20.
Cover for outlet boxes. G. H. Wagar, Sr. 2,166,453; July 18.
Cover for quilts and the like, Detachable. R. Sussman. 2,183,360; Dec. 12.
Cover for sealing liquid surfaces. R. Bainton. 2,167,619; Aug. 1.
Cover for steering wheels. F. A. Best. 2,157,950; May 9.
Cover for toilet seat covers. M. H. Rowe. 2,167,587; July 25.
Cover for typewriters, etc., Roll. J. M. and M. J. Bovee. Re. 20,959; Jan. 3.
Cover for umbrellas, parasols, and sunshades. C. Katz. 2,171,476; Aug. 29.
Cover installation and fastener for the same, Slip. W. I. Jones. 2,159,383; May 23.
Cover mounting and locking means for the tanks of tank trucks. P. H. Scott. 2,162,446; June 13.
Cover or cushion, Bed or seat. A. M. Belian. 2,184,808; Dec. 26.
Cover or lid for boxes and cases. H. E. Weikel. 2,184,205; Dec. 19.
Cover or the like, Annealing. G. M. Croft. 2,161,779; June 13.
Cover replacer, Can. N. J. Peters. 2,171,763; Sept. 5.
Cover structure. L. F. Berg. 2,150,756; Mar. 14.
Cover structure for smoking pipes. D. P. Lavietes. 2,164,929; July 4.
Cover unit for ash receivers. H. F. Reichenbach. 2,145,055; Jan. 24.
Covering, Applying an aircraft. A. S. Daneman. 2,155,931; Apr. 25.
Covering, Building. S. F. Cox and P. E. Knudsen. 2,182,372; Dec. 5.
Covering, Decorative shelf. G. L. Smith. 2,144,513; Jan. 17.
Covering for a hat. G. and C. M. Timmons. 2,181,106; Nov. 21.
Covering for aircraft surfaces and the like, Protective. H. E. Waner. 2,168.012; Aug. 1.
Covering for bathtubs, Temporary protective. G. W. Hall. 2,143,267; Jan. 10.
Covering for dandy rolls, cylindrical molds, or the like for use in paper making machines. N. W. Webb. 2,149,649; Mar. 7.
Covering for dead ends, Protective. O. C. Kerr. 2,163,790; June 27.
Covering for flowerpots, Decorative. K. Rab and K. Walter. 2,159,302; May 23.
Covering for hot air furnaces, Insulating. C. Lengyel. 2,170,085; Aug. 22.
Covering for printing rollers. G. Auvray. 2,172,491; Sept. 12.
Covering for tile toothbrush holders. J. Zero. 2,148,043; Feb. 21.
Covering for wooden posts, sleepers, and the like, Rot-protecting. E. Wortmann. 2,148,334; Feb. 21.
Covering material. A. D. MacNutt. 2,170,534; Aug. 22.
Covering, Protective. M. W. Freeman. 2,156,530; May 2.
Covering, Road. K. Halbach. 2,174,264; Sept. 26.
Covering structure. D. H. Spitzli. 2,148,137; Feb. 21.
Covering such as carpets and rugs, Floor. R. G. Knowland. 2,142,398; Jan. 3.
Covering, Surface. M. L. Hamlin. 2,162,886; June 20.
Covering to a cord-shaped body and a knitting machine for covering a cord-shaped body, Applying a knitted. F. Meiwald. 2,144,887; Jan. 24.
Coverings, Manufacture of board strengthened. H. Chambon. 2,166,038; July 11.
Coverings to large rolls, Application of rubber or like. F. S. Bowker. 2,172,005; Sept. 5.
Coverlet. E. R. Weisbender. 2,177,679; Oct. 31.
Coverlet and pillow, Convertible. H. F. Williams. 2,183,418; Dec. 12.
Covers, Apparatus for forming seamless milk can. C. C. Warren. 2,148,223; Feb. 21.
Covers, Apparatus for making book. W. E. Reavis. 2,150,104; Mar. 7.
Covers, Holding bed. A. Simpson. 2,155,690; Apr. 25
Covers or containers, Method and apparatus for making protective. J. R. Gammeter. 2,157,054; May 2.
Covers over garments, Device for placing bag. D. J. McCarty. 2,182,156; Dec. 5.
Covers to receptacles, Securing. J. W. Luke. 2,146,190; Feb. 7.
Cowtail holder. J. Kunkle. 2,142,400; Jan. 3.
Cow tail holder. J. Van Der Meulen. 2,156,413; May 2.
Cowl, Chimney. E. W. Cover. 2,164,987; July 4.
Cowl, Chimney. P. J. Fitzgerald. 2,163,197; June 20.
Cowl ventilator screen. G. C. Knight. 2,152,414; Mar. 28.
Cowling. M. B. Bleecker and G. B. Speir. 2,146,523; Feb. 7.
Cowling. R. F. Gagg. 2,178,960; Nov. 7.
Cowling, Adjustable engine. F. E. Flader. 2,146,538; Feb. 7.
Cowling, Aircraft. W. M. Fellers. 2,177,642; Oct. 31.
Cowling, Controllable. K. A. Browne. 2,158,270; May 16.
Cowling, Controllable. R. Chilton. 2,158,273; May 16.
Cowling for aircraft engines or radiators. P. E. Mercier. 2,175,535; Oct. 10.
Cracker crumber. J. L. Camenzind. 2,150,488; Mar. 14.
Crackers, biscuits, and the like, Method of and apparatus for the manufacture of. A. B. Holtzman and D. Schell. 2,173,000; Sept. 12.
Cracking. E. C. Herthel. 2,175,663; Oct. 10.
Cracking and polymerization, Combination. P. J. Wiezevich. 2,174,024; Sept. 26.
Cracking-off machine. A. B. Knight. 2,177,807; Oct. 31.
Cradle, Adjustable tabbing. I. J. Foy. 2,142,585; Jan. 3.
Cradle for disk harrows, Transport. A. N. Steward. 2,164,550; July 4.
Craft, Attitude responsive device for. G. Wünsch. 2,176,807; Oct. 17.
Craft, Hydro-safety. A. P. Welsh. 2,154,191; Apr. 11.
Cranberry picking machine. M. H. West and C. C. Watson. 2,148,332; Feb. 21.
Crane. L. G. Young. 2,149,381; Mar. 7.
Crane for automobile wreckers. H. O. Trippensee. 2,145,378; Jan. 31.
Crane, Locomotive. R. E. Ljungkull. 2,142,360; Jan. 3.
Crane, Portable. H. Hayes. 2,143,111; Jan. 10.
Crane, Power swing. R. K. Hatch. 2,167,026; July 25.
Crane, Tractor operated. R. G. Le Tourneau. 2,183,263; Dec. 12.
Crankcase breather and oil filler pipe assembly. H. G. Kamrath. 2,154,072; Apr. 11.
Crank case ventilating means. R. L. Bourke. 2,172,670; Sept. 12.
Crank, Counterbalance. W. C. Trout. 2,155,174; Apr. 18.
Crank, Counterweighted. J. C. Slonneger. 2,146,690; Feb. 7.
Crank, Knife sharpening. W. Mahler. 2,150,585; Mar. 14.
Crank movement eliminating dead center. A. B. Broluska. 2,166,565; July 18.
Crankpin bearing. T. V. Buckwalter. 2,148,149; Feb. 21.
Crankpin bearing, Locomotive. T. V. Buckwalter. 2,177,925; Oct. 31.
Crankpin truing device. F. Postma. 2,174,213; Sept. 26.
Crankshaft. H. C. Mummert. 2,175,156; Oct. 3.
Crankshaft arrangement for internal combustion engines. H. G. Nissen. 2,166,896; July 18.
Crankshaft, Built-up. G. T. Smith-Clarke. 2,151,624; Mar. 21.
Crankshaft grinding machine. H. A. Silven. 2,151,666; Mar. 21.
Crankshaft grinding machine. W. H. Wood. 2,161,217; June 6.
Crankshaft lapping machine. H. S. Indge. 2,166,009; July 11.
Crankshaft lapping machine. W. H. Wood. 2,166,084; July 11.
Crankshaft lapping machine. W. H. Wood. 2,166,086; July 11.
Crankshaft truing tool. J. L. Tindall and W. M. Patrick. 2,148,329; Feb. 21.
Crankshafts, Abrading. F. Postma. 2,167,311; July 25.
Crankshafts, Machining. W. F. Groene and W. R. Meyer. 2,182,228; Dec. 5.
Crank structure, Adjustable. L. B. Huntington, Jr. 2,162,173; June 13.
Crank, Well pump. G. T. Humphrey. 2,143,945; Jan. 17.
Crankless mechanism. T. L. Sherman. 2,178,972; Nov. 7.
Cranks for bicycles, velocipedes, etc., Making. G. E. Bullock. 2,182,958; Dec. 12.
Crate. R. H. Fletcher. 2,179,847; Nov. 14.
Crate. I. E. Schopmeyer. 2,158,256; May 16.
Crate. C. A. Woolsey. 2,160,631; May 30.
Crate, Bottle. J. F. Maurer, Jr. 2,154,100–01; Apr. 11.
Crate, Bottle. W. A. McCutchen. 2,169,450; Aug. 15.
Crate, Collapsible poultry. S. E. Garber. 2,171,690; Sept. 5.
Crate corner assembly, Milk. H. S. Lion and C. G. Rohrer. 2,148,027; Feb. 21.
Crate for milk bottles and the like. H. A. Keiner and R. Stoddard. 2,149,242–3; Feb. 28.
Crate for refrigerating apparatus, Shipping. A. A. Kucher. 2,154,242; Apr. 11.
Crate, Milk. M. C. Boone. 2,183,090; Dec. 12.
Crate, Shipping. J. J. O'Connell and H. S. Malone. 2,160,461; May 30.
Crate, Shipping. D. C. Schubel. 2,155,688; Apr. 25.
Crate, Shipping. T. G. Spooner. 2,184.854; Dec. 26.
Crating machine. H. D. Stevens. 2,182,905; Dec. 12.
Crates, Attachment for. W. H. Tomme. 2,183,176; Dec. 12.

Cravat holder. B. R. Zeman. 2,181,443; Nov. 28.
Crayon holder. F. G. Prain. 2,181,202; Nov. 28.
Cream, Antisudorific deodorizing shaving. G. W. Carlson. 2,145,583; Jan. 31.
Cream, Brushless shaving. W. Kritchevsky. 2,144,884; Jan. 24.
Cream, Brushless shaving. W. Kritchevsky. 2,164,717; July 4.
Cream cooler. J. W. Sadler and G. A. Blunt. 2,150,751; Mar. 14.
Cream, Device for producing whipped. L. Marmorek. 2,162,096; June 13.
Cream from whole milk, Process and machine for separating high viscosity. C. H. Hapgood. 2,145,544; Jan. 31.
Cream machine, Frozen. J. Parcell. 2,159,450; May 23.
Cream, Producing. C. B. McLane. 2,142,650; Jan. 3.
Cream separator. H. T. Anderson. 2,155,111; Apr. 18.
Cream, Shaving. S. White. 2,148,285–6; Feb. 21.
Cream, Stabilized antiseptic. M. G. Minaeff and R. C. Hughes. 2,157,831; May 9.
Cream, Storing, transporting, and restoring sweet. O. E. Williams. 2,142,864; Jan. 3.
Creamery products, Making. L. P. Sharples. 2,150,943; Mar. 21.
Creamery products, Treatment of. L. P. Sharples. 2,150,944; Mar. 21.
Creams, Manufacture of massage. I. G. Blish. 2,172,118; Sept. 5.
Creasing mechanism for bags, End. H. A. Bauer. 2,145,386; Jan. 31.
Creel and other apparatus, Yarn. W. Pool. 2,152,210; Mar. 28.
Creel for yarn packages. W. W. Edwards. 2,157,073;
Creel, Self-balancing. W. W. Arnold, Jr. 2,179,247; Nov. 7.
Creel, Warp. R. H. Balch and T. C. Campbell. 2,177,855; Oct. 31.
Creep testing apparatus, Accelerated. A. Nadai and J. Boyd. 2,154,280; Apr. 3.
Crepe cellulosic product, Laminated. C. A. Fourness. 2,170,655; Aug. 22.
Creeper. E. Arieti. 2,162,928; June 20.
Creeper. E. C. Smith. 2,168,455; Aug. 8.
Creeper, Mechanic's. J. H. Heckman. 2,148,199; Feb. 21.
Creeper, Repairman's. W. Mahloch. 2,154,952; Apr. 18.
Creped products, Process and machine for making composite. W. W. Rowe. 2,161,092; June 6.
Creping method and apparatus. W. H. Cannard. 2,182,720; Dec. 5.
Cribbage board and card pack holder. P. Bucklin. 2,153,453; Apr. 4.
Cribbing. O. H. Dawson. 2,149,957; Mar. 7.
Cribbing. W. D. Schenk. 2,152,926; Apr. 4.
Cribbing construction. G. C. Habicht. 2,159,556; May 23.
Crimping device. P. Esselmann, K. Kösslinger, and P. Saffert. 2,156,723; May 2.
Crimping device. R. R. Nydegger. 2,171,371; Aug. 29.
Cross-chain for tire chain assemblies. E. A. Conner. 2,151,900; Mar. 28.
Cross-field generator. W. R. Harding. 2,184,766; Dec. 26.
Cross ridge and brace construction for freight cars. W. J. Meyer and T. W. Demarest. 2,146,221; Feb. 7.
Cross-talk measurement. C. W. Schramm. 2,173,183; Sept. 19.
Cross-talk measuring and correcting apparatus. L. Hochgraf. 2,183,140; Dec. 12.
Cross-talk reduction. M. A. Weaver. 2,167,016; July 25.
Crossing protection, Highway. E. J. Schaefer. 2,154,286; Apr. 11.
Crossing protective system. J. M. Evans. 2,164,610; July 4.
Crossing protective system. W. G. Miller. 2,178,880; Nov. 7.
Crossing, Railway. L. Sadler. 2,157,246; May 9.
Crossing, Safety. H. R. Gilmore. 2,157,602; May 9.
Crown block. J. M. Shimer. 2,146,360; Feb. 7.
Crown sheet protection. C. G. Hawley. 2,179,741; Nov. 14.
Crozing machine. T. A. McMahon, W. Hierholzer, and W. Glazat. 2,163,345; June 20.
Crucible furnace. I. Hall. 2,175,462; Oct. 10.
Crucible mouthpiece for type casting machines. S. Rabinowitz. 2,150,339; Mar. 14.
Crusher. R. S. Butler. 2,168,083; Aug. 1.
Crusher. H. F. Campbell. 2,148,682; Feb. 28.
Crusher. H. H. Rumpel. 2,158,778–9; May 16.
Crusher, Bottle. P. Ospalewicz. 2,142,915; Jan. 3.
Crusher, Can. P. M. Pattison. 2,161,931; June 13.
Crusher, Centrifugal. R. W. Rider. 2,168,582; Aug. 8.
Crusher, Conical-type stone. G. H. Schieferstein. 2,161,096; June 6.
Crusher frame. W. A. Battey. 2,155,393; Apr. 25.
Crusher, Glass. P. Vocaturo. 2,176,552; Oct. 17.
Crusher, Gyratory. R. S. Ellis. 2,184,214; Dec. 19.
Crusher, Gyratory. S. Kiesskalt. 2,171,429; Aug. 29.
Crusher, Ice. C. Austern and L. H. Vanderwerf. 2,147,394; Feb. 14.
Crusher, Impact. W. H. Schacht. 2,155,150; Apr. 18.
Crusher, Impulse type rotary. H. Sakurai. 2,171,100; Aug. 29.
Crusher, Jaw. O. C. Gruender. 2,177,524; Oct. 24.
Crusher, Ore. E. T. Hamblin. 2,144,185; Jan. 17.
Crusher, Roll. S. D. Hartshorn. 2,155,970; Apr. 25.
Crusher, Stone. G. A. Bilocq. 2,174,116; Sept. 26.
Crusher, Stone. G. H. Schieferstein. 2,183,698; Dec. 19.
Crusher with adjustable resilient feed grate, Hammer. L. Tschauner. 2,171,463; Aug. 29.
Crushing and feeding device for junk shredding machines, Combined. L. B. Near and S. G. Gillette. 2,150,984; Mar. 21.
Crushing and grinding mill. W. M. McKeever. 2,174,471; Sept. 26.
Crushing device. W. S. Clugston. 2,174,735; Oct. 3.
Crushing machine. J. E. Dick. 2,172,151; Sept. 5.
Crushing machine. E. A. Henry. 2,161,573; June 6.
Crushing machine. E. Young. 2,176,808; Oct. 17.
Crushing machinery. S. Stearns. 2,147,721; Feb. 21.
Crushing machinery. S. Stearns. 2,181,571; Nov. 28.
Crushing, Method of. W. H. Schacht. 2,155,151; Apr. 18.
Crushing mill. A. W. Fahrenwald. 2,147,833; Feb. 21.
Crushing tool. T. F. Davis. 2,174,080; Sept. 26.
Crutch, Adjustable and collapsible. S. A. Jacobucci. 2,172,047; Sept. 5.
Crutch, Cushioned. R. H. Manzeck. 2,174,588; Oct. 3.
Crutch or supporting device. C. D. Upton. 2,159,301; May 23.
Crystalline bodies, Manufacture of. D. C. Stockbarger. 2,149,076; Feb. 28.
Crystalline bodies, Uniting fusible. P. K. Pfundt. 2,168,943; Aug. 8.
Crystalline proteolytic enzymes, Production of stabilized. R. T. Major and A. Walti. 2,162,737; June 20.
Crystalline substances, Manufacturing. J. J. Diekmann. 2,142,265; Jan. 3.
Crystallization process. F. Jeremiassen. 2,164,112; June 27.
Crystals, Arrangement of oscillation. W. Schneider. 2,157,576; May 9.
Crystals from overload, Apparatus for protecting piezoelectric. J. M. Wolfskill. 2,163,742; June 27.
Cuff, Blood pressure. J. P. Tye. 2,161,393; June 6.
Cuff, Cocktail. M. I. Wicks. 2,143,045; Jan. 10.
Cuff link. J. C. Bagnall. 2,148,183; Feb. 21.
Cuff link. O. Carlson. 2,149,132; Feb. 28.
Cuff link. A. E. Dixon. 2,145,211; Jan. 24.
Cuff link. R. M. Schupbach. 2,177,443; Oct. 24.
Cuff link. A. Sudmann. 2,184,230; Dec. 19.
Cuff link construction. J. E. O'Brien. 2,161,189; June 6.
Cuff link construction. Le R. J. Salisbury. 2,182,502; Dec. 5.
Cuff, Shirt. H. F. O'Mealia. 2,162,536; June 13.
Culinary appliance, Electric. A. T. Smith. 2,147,319; Feb. 14.
Culinary device. L. W. Myers. 2,142,914; Jan. 3.
Culinary device. J. A. Waller. 2,156,645; May 2.
Culinary device and shipping package. T. N. Crawford. 2,148,439; Feb. 28.
Culinary implement. R. Clow. 2,149,910; Mar. 7.
Cultivating and weeding machine, Power. W. E. Urschel. 2,148,916; Feb. 28.
Cultivating implement, Row. (D. C. and W. M. Hall. 2,146,337; Feb. 7.
Cultivator. J. M. Endicott. 2,148,610; Feb. 28.
Cultivator. C. L. Harbolt. 2,145,981; Feb. 7.
Cultivator. I. M. Morris. 2,145,188; Jan. 24.
Cultivator. R. D. Neel. 2,176,821; Oct. 17.
Cultivator. B. Nightenhelser and J. Ballard. 2,177,026; Oct. 24.
Cultivator. H. J. Schaapveld. 2,181,917; Dec. 5.
Cultivator and weeder, Hand. O. E. Olson. 2,148,772; Feb. 28.
Cultivator attachment. J. L. Croy. 2,184,211; Dec. 19.
Cultivator attachment. W. M. Reynolds. 2,180,910; Nov. 21.
Cultivator disk gang operator. H. H. Buhr. 2,152,134; Mar. 28.
Cultivator drag. G. C. Krause. 2,156,729; May 2.
Cultivator, Farm. W. Scholz. 2,144,275; Jan. 17.
Cultivator foot, Adjustable. V. Needham. 2,142,455; Jan. 3.
Cultivator, Nursery. J. T. May. 2,172,764; Sept. 12.
Cultivator, Steering walking. Z. T. Davis. 2,169,912; Aug. 15.
Cultivator, Tractor. J. L. Holy. 2,168,213; Aug. 1.
Cultivators, Attachment for. C. Achen and W. Poppler. 2,182,270; Dec. 5.
Cultivators, Fertilizer distributor attachment for. R. F. Gilchrist. 2,176,528; Oct. 17.
Culture for butyric acid fermentation. R. Arroyo. 2,181,311; Nov. 28.
Cup. M. Sidon. 2,156,574; May 2.
Cup, Adjustable measuring. C. S. Jansen. 2,157,262; May 9.
Cup, Adjustable measuring. C. R. Ouellette. 2,163,364; June 20.
Cup, Dice. J. C. Bowman. 2,148,097; Feb. 21.
Cup dispenser, Conical. S. N. Hope. 2,164,406; July 4.
Cup, Electrical self-heating. H. E. Lacy. 2,142,852; Jan. 3.
Cup for containing lubricant. O. Jabelmann and R. J. Finch. 2,184,925; Dec. 26.
Cup for milking machines, Teat. J. Van Der Meulen. 2,156,211; Apr. 25.

Cup holder. H. Projansky. 2,153,391; Apr. 4.
Cup-making machines, Paper. E. G. Wessman and H. A. Stone. Re. 21,072; May 2.
Cup, Measuring. O. E. Dickeson. 2,159,431; May 23.
Cup, Measuring. H. Ellingson. 2,173,412; Sept. 19.
Cup, Measuring. J. L. Lawrence. 2,155,317; Apr. 18.
Cup, Measuring. I. W. Ligon. 2,158,704; May 16.
Cup, Paper. A. A. Adamson. 2,168,186; Aug. 1.
Cup, Paper drinking. J. D. Lane. 2,154,003; Apr. 11.
Cup, Plaster mixing. P. Ringman. 2,165,679; July 11.
Cup, Poached egg. J. Damon. 2,177,206; Oct. 24.
Cup, Sputum. K. C. Hamilton. 2,167,111; July 25.
Cup, Sputum. K. C. Hamilton. 2,171,748; Sept. 5.
Cup, Sanitary drinking. H. Koch and J. L. Burke. 2,165,277; July 11.
Cup, Turpentine. E. E. Prance and J. E. Sheffield. 2,164,675; July 4.
Cup with handle, Drinking. P. Yendrzeyowski. 2,145,908; Feb. 7.
Cupola furnace. L. A. Grotewohl. 2,176,336; Oct. 17.
Cupric oxychloride, Manufacture of. E. Kuss, K. Horalek, and O. Emert. 2,162,091; June 13.
Curb indicator and bumper for vehicles. J. L. Mohar. 2,153,896; Apr. 11.
Curb, Inlet. E. W. Shaw. 2,159,752; May 23.
Curb parking signal. J. H. Dawson. 2,144,286; Jan. 17.
Curb, Structural. W. F. Hirschman. 2,168,798; Aug. 8.
Curd tension, Apparatus for the measurement of. L. Batchelder. 2,175,173; Oct. 10.
Curl clip. G. Valentine. 2,160,346; May 30.
Curler. E. O. Frederics. 2,146,254; Feb. 7.
Curler and bobbie pin holder, Hair. E. Kantor. 2,147,978; Feb. 21.
Curler, Automatic ringlet. N. L. Solomon. 2,173,138; Sept. 19.
Curler, Compound. N. L. Solomon. 2,149,318; Mar. 7.
Curler, Eyelash. H. A. and P. J. Squire. 2,159,912; May 23.
Curler, Hair. F. Amico. 2,180,187; Nov. 14.
Curler, Hair. M. Auster. 2,166,386; July 18.
Curler, Hair. E. T. Barnes. 2,173,872; Sept. 26.
Curler, Hair. A. G. Bowyer. 2,144,714; Jan. 24.
Curler, Hair. H. P. Brooks. 2,171,644; Sept. 5.
Curler, Hair. W. J. Caley and J. E. Thebaud. 2,169,220; Aug. 15.
Curler, Hair. J. Coggans. 2,167,446; July 25.
Curler, Hair. E. I. Edwards. 2,142,634; Jan. 3.
Curler, Hair. L. Eisenman. 2,163,226; June 20
Curler, Hair. J. J. Feldman. 2,154,501; Apr. 18.
Curler, Hair. W. J. Gallagher. 2,171,122; Aug. 29.
Curler, Hair. A. Goodman. 2,161,758–9; June 6.
Curler, Hair. E. A. Hoysted. 2,170,785; Aug. 22.
Curler, Hair. L. W. Humphrey. 2,172,582; Sept. 12.
Curler, Hair. W. Huppert. 2,142,848; Jan. 3.
Curler, Hair. G. Kassover. 2,164,135; June 27.
Curler, Hair. H. H. Klein. 2,145,693; Jan. 31.
Curler, Hair. G. A. L. Linden. 2,162,262; June 13.
Curler, Hair. F. H. McCardell. 2,171,836; Sept. 5.
Curler, Hair. R. M. McFadden. 2,176,351; Oct. 17.
Curler, Hair. R. M. McFadden. 2,179,751–2; Nov. 14.
Curler, Hair. J. A. Murdock. 2,154,179; Apr. 11.
Curler, Hair. H. Natkiel. 2,150,871; Mar. 14.
Curler, Hair. F. Pisciotta. 2,157,244; May 9.
Curler, Hair. R. T. Plāte. 2,149,627; Mar. 7.
Curler, Hair. A. T. Quady. 2,174,479; Sept. 26.
Curler, Hair. C. Seidel. 2,163,894; June 27.
Curler, Hair. N. L. Solomon. 2,145,278; Jan. 31.
Curler, Hair. N. L. Solomon. 2,149,317; Mar. 7.
Curler, Hair. N. L. Solomon. 2,152,672; Apr. 4.
Curler, Hair. N. L. Solomon. 2,179,525; Nov. 14.
Curler, Hair. G. Unwin. 2,172,964; Sept. 12.
Curler, Hair. A. R. Visitacion. Re. 21,117; June 13.
Curler, Hair. I. L. Wolkow. 2,163,112; June 20.
Curler, Sleeve hair. N. Locke. 2,161,478; June 6.
Curler, Slumber. N. L. Solomon. 2,168,368; Aug. 8.
Curling apparatus. R. Grabner. 2,156,687; May 2.
Curling iron, Hair. H. Wagner. 2,156,576; May 2.
Current: *See*—
Aperiodic current.
Current and voltage responsive apparatus. W. Oesinghaus. 2,157,006; May 2.
Current collector. W. Schaake. 2,147,460; Feb. 14.
Current collector. W. Schaake. 2,151,804; Mar. 28.
Current collector shoes, Apparatus for operating. E. Trübenbach. 2,175,042; Oct. 3.
Current collector. A. H. Genter. 2,154,380; Apr. 11.
Current collectors, Operating apparatus for. W. Achenbach and R. v. Tempelhoff. 2,175,008; Oct. 3.
Current commutator machine, Alternating. P. Rauhut. 2,152,327; Mar. 28.
Current control and discharge of transient overvoltages. O. Hutchins and J. R. McFarlin. 2,150,167; Mar. 14.
Current control system. J. Slepian. 2,165,911; July 11.
Current controlling device. H. W. Batcheller. 2,144,138; Jan. 17.
Current converter system, Direct. R. H. Sullivan. 2,156,708; May 2.
Current converting system. F. F. Hutchinson. 2,166,155; July 18.
Current converting system, Electric. D. I. Bohn and O. K. Marti. 2,166,900; July 18.
Current converting system, Multiphase. E. Rolf. 2,181,152; Nov. 28.
Current electric systems, Protection of alternating. C Concordia. 2,178,420; Oct. 31.
Current electric systems, Protection of alternating. W W. Lewis. 2,185,029; Dec. 26.
Current electric systems, Protection of alternating. P. H. Light. 2,180,156; Nov. 14.
Current equipment, Swing. S. W. Borden. 2,176,755; Oct. 17.
Current impulse device, High. D. Ulrey. 2,147,472; Feb. 14.
Current impulse generating circuit. W. Sidney. 2,179,105; Nov. 7.
Current interrupting means. E. O. Schweitzer, Jr. 2,167,781; Aug. 1.
Current interrupting system. J. J. Taylor. 2,156,410; May 2.
Current into alternating current, Converting direct. F. Schilgen. 2,177,841; Oct. 31.
Current machine, Self-exciting alternating. T. E. McDowell. 2,145,424; Jan. 31.
Current measurement means, Direct. W. Krämer. 2,153,377; Apr. 4.
Current metering system. F. G. Kear. 2,183,316; Dec. 12.
Current, Method of and apparatus for generating alternating. W. Petersen. 2,178,433; Oct. 31.
Current, Method of and apparatus for producing a variable alternating. W. Petersen. 2,178,432; Oct. 31.
Current multiplier, Self-energized alternating. P. T. Farnsworth. 2,174,487; Sept. 26.
Current on an amplified loudspeaker system, Transmitting and distributing audio. G. M. Marr. 2,168,426; Aug. 8.
Current or voltage regulator. I. Wolff. 2,149,080; Feb. 28.
Current power transmission system, Direct. W. Günther. 2,146,571; Feb. 7.
Current rectifier of the dry surface contact type, Alternating. S. A. Stevens and L. E. Thompson. 2,179,137; Nov. 7.
Current rectifiers, Manufacture of alternating electric. A. L. Williams, L. E. Thompson, and R. H. Cubitt. 2,180,026; Nov. 14.
Current rectifiers of the dry-contact type, Manufacture of alternating. A. L. Williams and L. E. Thompson 2,168,462; Aug. 8.
Current, Regulation of direct. L. R. Philpott. 2,146,761; Feb. 14.
Current relaying, Carrier. E. L. Harder. 2,144,494; Jan. 17.
Current relaying, Carrier. B. E. Lenehan. 2,144,499; Jan. 17.
Current responsive apparatus. G. Lingg. 2,183,685; Dec. 19.
Current responsive arrangement. W. Krämer. 2,153,378; Apr. 4.
Current-responsive device, Thermal. T. A. Rich. 2,144,589; Jan. 17.
Current responsive instrument, Propulsion-attraction type. S. C. Hoare. 2,183,566; Dec. 19.
Curtain stretching device. E. C. Kennedy. 2,174,789; Oct. 3.
Current supply system for radio receivers. B. Vilkomerson. 2,176,447; Oct. 17.
Current, System of converting direct. R. H. Sullivan. 2,171,279; Aug. 29.
Current systems, Protection of alternating. J. Biermanns. 2,180,192; Nov. 14.
Current systems, Protection of alternating. C. R. Mason. 2,180,990; Nov. 21.
Current to alternating current converters, Direct. W. V. Johnson. 2,172,202; Sept. 5.
Current to direct current electric motors, Supplying. C. E. Baston. 2,175,820; Oct. 10.
Current to electric arcs, Method and apparatus for supplying alternating. C. S. Ashcraft. 2,183,734; Dec. 19.
Current transformer, Direct. M. I. Topalov. 2,164,964; July 4.
Current transmission system, Carrier. R. S. Caruthers. 2,172,832; Sept. 12.
Current transmission, System of carrier. J. M. D. Dekker. 2,156,278; May 2.
Current voltage multiplication, Direct. L. W. Parker. 2,155,363; Apr. 18.
Current wave production, Alternating. E. Peterson. 2,174,165; Sept. 26.
Current welding generator, Direct. J. H. Blankenbuehler and W. R. Harding. 2,151,678; Mar. 28.
Currents, System for producing modulated. J. H. Hackenberg and K. B. Eller. 2,142,940; Jan. 3.
Curtain. A. E. Phelan. 2,158,762; May 16.
Curtain. G. Schonfarber. 2,178,437; Oct. 31.
Curtain. J. Stam. 2,156,231; Apr. 25.
Curtain and support, Inside. E. G. Copp. 2,182,396; Dec. 5.
Curtain fabric. H. T. Marshall. 2,164,998; July 4.
Curtain fixture. J. H. Boye. 2,150,204; Mar. 14.
Curtain fixture, Bowed. J. H. Boye. 2,181,417; Nov. 28.
Curtain, Flexible rolling. W. J. Laufersweiler. 2,183,495; Dec. 12.
Curtain hanger. J. E. Nayman, Sr. 2,151,223; Mar. 21.
Curtain heading. L. Fischel. 2,149,011; Feb. 28.
Curtain holder. J. H. Heckman. 2,154,161; Apr. 11.
Curtain, Locomotive cab. R. E. Cryor. 2,145,235; Jan. 31.

Curtain operating means. W. C. Raapke. 2,161,382; June 6.
Curtain protector. G. B. Carey. 2,180,328; Nov. 14.
Curtain rod. W. C. Kenney. 2,162,674; June 13.
Curtain-rod support. W. Bergh. 2,175,501; Oct. 10.
Curtain rod threading attachment. W. McGurk. 2,178,914; Nov. 7.
Curtain rod threading device. H. F. Baacke. 2,183,328; Dec. 12.
Curtain, Shower. L. H. Amdur. 2,173,993; Sept. 26.
Curtain stretcher. J. F. Lizak. 2,150,003; Mar. 7.
Curtain stretcher, Self-squaring. J. J. Dvorak. 2,179,254; Nov. 7.
Curtain support. H. H. Davies. 2,159,425; May 23.
Curtain suspension hook. G. F. French. 2,183,188; Dec. 12.
Cushion. C. H. Menge. 2,178,670; Nov. 7.
Cushion. H. Mover. 2,146,085; Feb. 7.
Cushion. J. N. Naulty. 2,150,747; Mar. 14.
Cushion and mattress spring. W. F. Roeske. 2,170,618; Aug. 22.
Cushion and mattress structure, Spring. A. Krakauer. 2,142,399; Jan. 3.
Cushion, Auto. D. Clarke. 2,168,976; Aug. 8.
Cushion bearing, Self-aligning. W. T. Swingle. 2,175,978; Oct. 10.
Cushion closing device. A. J. Kay. 2,171,066; Aug. 29.
Cushion construction. P. Kloppman. 2,149,350; Mar. 7.
Cushion construction. C. H. Menge. 2,172,942; Sept. 12.
Cushion construction. C. H. Menge. 2,175,062; Oct. 3.
Cushion construction. E. Mudge. 2,184,396; Dec. 26.
Cushion construction for shoes. J. H. Everston. 2,175,687; Oct. 10.
Cushion filling machine attachment, Spring. M. Abramowitz and J. Marino. 2,181,308; Nov. 28.
Cushion for bathtubs. J. Monge. 2,152,968; Apr. 4.
Cushion for beds, chairs, or the like, Resilient. T. J. Litle, Jr. 2,156,664; May 2.
Cushion for pile driving. W. P. Kinneman. 2,184,745; Dec. 26.
Cushion, Heel. J. Nabokin. 2,157,912; May 9.
Cushion, Metatarsal. B. J. Silver. 2,159,054; May 23.
Cushion, Roll film. K. Nuchterlein. 2,147,106; Feb. 14.
Cushion scrubbing machine. V. C. Snyder. 2,156,881; May 2.
Cushion slide for furniture. W. F. Herold. 2,169,145; Aug. 8.
Cushion, Spring. J. M. Caughey. 2,144,102; Jan. 17.
Cushion, Spring. N. Contino. 2,182,069; Dec. 5.
Cushion, Spring. G. P. Johnson. 2,155,792; Apr. 25.
Cushion support. M. M. Kohlstadt. 2,167,178; July 25.
Cushion support. J. S. Loewus. 2,156,301; May 2.
Cushion support. R. P. Miller. 2,144,848; Jan. 24.
Cushion testing apparatus. C. Breer and C. A. Tea. 2,154,561; Apr. 18.
Cushioning device for electric motors. B. A. Brown. 2,166,285; July 18.
Cushioning device for railroad cars. O. C. Duryea. 2,156,779; May 2.
Cushioning material. J. E. Bloomberg. 2,147,362; Feb. 14.
Cushioning mechanism. E. H. Blattner. 2,149,203; Feb. 28.
Cushioning mechanism. L. M. Clark. 2,145,585; Jan. 31.
Cushioning mechanism. L. M. Clark. 2,184,936; Dec. 26.
Cushioning mechanism. W. H. Mussey. 2,164,160; June 27.
Cushioning mechanism. W. H. Mussey. 2,176,223; Oct. 17.
Cuspidor construction, Dental. E. L. Monnot. 2,169,324; Aug. 15.
Cuspidor, Sanitary. P. Ciccone. 2,146,626; Feb. 7.
Cuticle pencil. R. K. Gregory. 2,172,656; Sept. 12.
Cutlery construction. H. R. Platts. 2,182,303; Dec. 5.
Cutlery, Device for sharpening. S. L. Carosi. 2,157,816; May 9.
Cut-off, Automatic. A. V. Salisbury. 2,158,309; May 16.
Cut-off, Boiler low, water. J. Eaton. 2,146,568; Feb. 7.
Cut-off device, Automatic. M. B. Oscherwitz and B. Phillips. 2,177,784; Oct. 31.
Cut-off device for fuel supply lines, Safety. W. C. Coleman. 2,174,055; Sept. 26.
Cut-off for cigarette making machines. J. A. Stein. 2,169,598; Aug. 15.
Cut-off length indicating mechanism. H. W. Bruker. 2,174,360; Sept. 26.
Cut-off, Machine. M. G. Boerger. 2,156,049; Apr. 25.
Cut-off machine. A. B. Eastwood. 2,148,369; Feb. 21.
Cut-off machine. M. J. Fleming. 2,149,430; Mar. 7.
Cut-off machine. M. L. Strawn and A. Oberhoffken. 2,163,967; June 27.
Cut-off machine. P. Tishken. 2,156,323; May 2.
Cut-off mechanism. K. Sieg. 2,177,465; Oct. 24.
Cut-off, Traveling. P. Phelps and J. Hohl. 2,154,695; Apr. 18.
Cut-off valve, Automatic. J. A. Rumsey. 2,151,940; Mar. 28.
Cut-out. A. Ramsey. 2,144,707; Jan. 24.
Cut-out constructions, Repeating. R. L. Smythe. 2,155,959; Apr. 25.
Cut-out device, Automatic. S. F. Stewart. 2,163,502; June 20.
Cut-out, Electric. R. S. Bennett. 2,164,983; July 4.
Cut-out, Electric. R. S. Bennett. 2,169,087; Aug. 8.
Cut-out, Electric. G. F. Lincks. 2,164,994; July 4.
Cut-out, Electric. G. F. Lincks. 2,175,904; Oct. 10.
Cut-out, Electric. R. R. Pittman and C. H. Walsh. 2,157,215; May 9.
Cut-out, Electric. L. P. Sohles. 2,165,015; July 4.
Cut-out, High potential. P. J. Kayatt. 2,179,935; Nov. 14.
Cut-out machine. M. L. Stanley. 2,142,620; Jan. 3.

Cutter: *See*—

Bar cutter.
Bindweed cutter.
Blade cutter.
Butter cutter.
BX cable cutter.
Cable casing cutter.
Cable cutter.
Casing cutter.
Cast cutter.
Channel cutter.
Corn cutter.
Cotton stalk cutter.
Disk cutter.
Dough cutter.
Dough-batch cutter.
Doughnut cutter.
Gear cutter.
Glass cutter.
Grass and weed cutter.
Inserted blade cutter.
Inside pipe cutter.
Meat cutter.
Mill and silage cutter.
Milling cutter.
Mining-chain cutter.
Mining cutter.
Outside pipe cutter.
Package-binder cutter.
Pipe cutter.
Plaster-cast cutter.
Potato cutter.
Roll paper cutter.
Roofing cutter.
Rotary cutter.
Sod cutter.
Sugarcane cutter.
Tenon cutter.
Thread-milling cutter.
Timber cutter.
Tooth cutter.
Vegetable cutter.

Cutter. B. J. Sadoff. 2,182,181; Dec. 5.
Cutter, agitator, and crusher for dredges, Combined. P. Y. Isbell. 2,174,323; Sept. 26.
Cutter and blade therefor. J. A. Klod. 2,173,366; Sept. 19.
Cutter and blade therefor. C. E. Kraus. 2,173,848; Sept. 26.
Cutter and blade therefor. R. R. Weddell and K. B. Kaiser. 2,173,868; Sept. 26.
Cutter and hedge trimmer, Grass. J. A. Orr. Re. 21,289; Dec. 5.
Cutter and hedge trimmer, Grass. J. A. Orr. 2,153,771; Apr. 11.
Cutter and punch, State. H. L. Parsons and S. Schwork. 2,164,688; July 4.
Cutter and server, Cake. W. L. King and H. T. Horscraft. **2,182,726; Dec. 5.**
Cutter and server, Ice cream. R. E. Rothenbush. 2,178,648; Nov. 7.
Cutter and spindle assembly for earth boring drills, Roller. C. E. Reed. 2,177,333; Oct. 24.
Cutter and trimmer, Electric. J. A. Orr. Re. 21,274; Nov. 21.
Cutter and trimmer, Electric. J. A. Orr. 2,149,463; Mar. 7.
Cutter assembly. G. F. McFadden. 2,152,616; Mar. 28.
Cutter attachment, Channel. J. Ferrara. **2,148,546; Feb.** 28.
Cutter bar attachment. I. Knight. 2,166,723; July 18.
Cutter bar for dry shavers. J. H. Rand, Jr., and R. E. Benner. 2,164,424; July 4.
Cutter blades, Making. F. P. Miller. 2,144,987; Jan. 24.
Cutter chain. C. F. Osgood. 2,183,581; Dec. 19.
Cutter for batching machines. J. M. Beck and I. L. Parker. 2,175,102; Oct. 3.
Cutter for bobbin changing looms, Thread. R. G. Turner. 2,173,987; Sept. 26.
Cutter for bobbin strippers, Yarn. E. A. Terrell. 2,179,804; Nov. 14.
Cutter for electrical cable armor, Rotary. C. A. Thatcher. 2,176,646; Oct. 17.
Cutter for looms, Thread. J. G. Brooks. **2,148,527; Feb.** 28.
Cutter for magazine cameras, Film. D. P. Shull. 2,146,196; Feb. 7.
Cutter for quadruple stayer. F. J. Kotzich. 2,174,585; Oct. 3.
Cutter for shearing machines. F. G. W. Bristow. 2,168,189; Aug. 1.
Cutter for stub ball joint, Broaching. W. A. Hart. 2,164,874; July 4.
Cutter grinding machine. K. Zwick. 2,144,095; Jan. 17.
Cutter heads, Construction of. R. E. Benner. 2,160,952; June 6.
Cutter mounting. A. C. Catland. 2,156,676; May 2.
Cutter organization for earth boring drills, Roller. C. E. Reed. 2,177,331–2; Oct. 24.
Cutter, Pipe. W. L. Church. Re. 21,234; Oct. 17.
Cutter, Register control. F. H. Gulliksen. 2,169,026; Aug. 8.
Cutter, Rotary. F. P. Miller. Re. 21,068; May 2.
Cutter, Tube. F. M. Lang. Re. 20,979; Jan. 17.
Cutter unit, Tiltable. A. B. Johnson. 2,170,687; Aug. 22.
Cutter with a removable handle, Pipe. C. E. Carlsen. 2,184,114; Dec. 19.
Cutters for well drilling tools, Making. A. C. Catland. 2,168,060; Aug. 1.
Cutters, Making rotary gear. R. S. Drummond. 2,169,632; Aug. 15.
Cutting. A. J. Jacobsen. 2,163,687; June 27.
Cutting and creasing, Method and apparatus for. H. R. Herrmann. 2,183,400; Dec. 12.

Cutting and embossing device for biscuit machines. A. Alltimes. 2,153,067; Apr. 4.
Cutting and folding machine. T. Hirohashi. 2,176,815; Oct. 17.
Cutting and hemming and stitching apparatus. A. A. Mackenzie. 2,180,424; Nov. 21.
Cutting and marking apparatus. J. C. Smith. 2,147,389; Feb. 14.
Cutting and slicing machine, Automatic. R. MacHaynes. 2,161,480; June 6.
Cutting and welding machine. J. H. Bucknam and A. J. Miller. 2,183,605; Dec. 19.
Cutting apparatus. F. R. Collins. 2,171,684; Sept. 5.
Cutting compound. A. E. Dahlberg. 2,162,297; June 13.
Cutting compound. W. S. Guthmann. 2,162,454; June 13.
Cutting device. J. Gold. 2,167,833; Aug. 1.
Cutting device, Automatic. C. E. Ives. 2,181,185; Nov. 28.
Cutting device, Flying. K. W. Hallden. 2,180,202–3; Nov. 14.
Cutting device for inserting album pictures. C. Klumb. 2,152,063; Mar. 28.
Cutting device for fishermen. E. D. Slawson. 2,171,050; Aug. 29.
Cutting device for stock quotation projection machines. A. D. Eitzen. 2,173,831; Sept. 26.
Cutting device, Rotary. K. W. Hallden. 2,180,204; Nov. 14.
Cutting die. H. S Lyness. 2,165,394; July 11.
Cutting implement. A. E. Henry. 2,178,790; Nov. 7.
Cutting machine. T. A. Anderson. 2,155,578; Apr. 25.
Cutting machine. F. W. Billker and J. B. Ball. 2,165,953; July 11.
Cutting machine. T. Christie. 2,163,868; June 27.
Cutting machine. H. E. Edgerton. 2,181,879; Dec. 5.
Cutting machine. R. L. Kozelka and D. R. K. von Hollen. 2,173,278; Sept. 19.
Cutting machine. A. Laukhuff. 2,168,415; Aug. 8.
Cutting machine. A. Ohmstede. 2,178,938; Nov. 7.
Cutting machine. O. C. Schmidt. 2,177,600; Oct. 24.
Cutting machine. S. Segal. 2,171,603; Sept. 5.
Cutting machine. D. L. Smith. 2,180,646; Nov. 21.
Cutting machine. G. A. Ungar. 2,149,822; Mar. 7.
Cutting machine, Automatic. W. Chladek. 2,151,743; Mar. 28.
Cutting machine for stove or other material. C. B. Lansing. 2,158,629; May 16.
Cutting mechanism. W. Maier. 2,142,448; Jan. 3.
Cutting-off machine. H. J. White. 2,165,118; July 4.
Cutting operations, Rating and recording. A. L. McMaster. 2,170,826; Aug. 29.
Cutting or shearing device. O. F. von Kohorn zu Kornegg. 2,143,252; Jan. 10.
Cutting or welding machine. J. L. Anderson. 2,161,121; June 6.
Cutting tool. J. M. Christman. 2,164,570–1; July 4.
Cutting tool. W. G. Curry. 2,175,078; Oct. 3.
Cutting tool. J. I. England. 2,173,778; Sept. 19.
Cutting tool. W. J. Greenleaf. 2,174,741; Oct. 3.
Cutting tool. A. B. Härje. 2,171,694; Sept. 5.
Cutting tool. L. J. Misuraca. 2,149,618; Mar. 7.
Cutting tool. J. B. Moore. 2,181,023; Nov. 21.
Cutting tool. C. H. Schurr. 2,153,124; Apr. 4.
Cutting tool. C. H. Woodcock. 2,182,770; Dec. 5.
Cutting tool, Automatic. G. Raxll. 2,146,686; Feb. 7.
Cutting tool, Rotatable. J. J. Harten. 2,155,595; Apr. 25.
Cyanidation. T. G. Chapman. 2,147,009; Feb. 14.
Cyanidation process and apparatus. L. D. Mills and T. B. Crowe. 2,154,465; Apr. 18.
Cyanide, Producing. F. R. Kemmer. 2,149,608; Mar. 7.
Cyano compounds, Preparation of organic. N. D. Scott and J. F. Walker. 2,171,869; Sept. 5.
Cycle and like brake. F. W. Taylor. 2,160,181; May 30.
Cycle control, Hydraulic. L. C. Huck. 2,177,828; Oct. 31.
Cycle control, Hydraulic. R. A. Miller and W. E. Morris. 2,169,470; Aug. 15.
Cycle control mechanism for grinding machines, Infeed. R. D. Wortendyke. 2,157,946; May 9.
Cycle fixture. H. L. Kraeft. 2,168,939; Aug. 8.
Cycle fixture. H. L. Kraeft. 2,169,256; Aug. 15.
Cycle heating and cooling system, Continuous. N. H. Gay. 2,152,250; Mar. 28.
Cycle saddle clamp. J. W. Brandt. 2,179,397; Nov. 7.
Cycle with pedal levers, Chainless. E. Woerner. 2,168,110; Aug. 1.
Cyclic compounds from vinyl acetylenes, Preparation of. A. S. Carter. 2,175,339; Oct. 10.
Cyclic compounds, Preparation of unsaturated. A. A. Levine and O. W. Cass. 2,183,574; Dec. 19.
Cyclic process for the production of nitroparaffins. E. B. Hodge. 2,150,120; Mar. 7.
Cyclic process for the production of nitroparaffins. J. Martin and E. B. Hodge. 2,150,123; Mar. 7.
Cyclographic bridge balance indicator, Cathode ray. T. T. Goldsmith, Jr. 2,162,009; June 13.
Cyclohexane, Chlorination of. A. A. Levine and O. W. Cass. 2,154,049; Apr. 11.
Cyclohexanols and producing them, Sulphated alkoxy. H. A. Lubs. 2,174,131; Sept. 26.
Cyclohexanols, Manufacture of. M. Hartmann, H. Ensslin, and L. Panizzon. 2,152,960; Apr. 4.
Cyclopentane-polyhydrophenanthrene derivatives. M. Bockmühl, G. Ehrhart, H. Ruschig, and W. Aumuller. 2,142,170; Jan. 3.
Cyclopentano-hydrophenanthrene series and making same, Compounds of the. L. Ruzicka. 2,168,685; Aug. 8.
Cyclopentanoperhydrophenanthrene series, Preparing compounds of the. M. Bockmühl, G. Ehrhart, H. Ruschig, and W. Aumüller. 2,183,851; Dec. 19.
Cylinder and brake holding means, Combined master. W. R. Freeman. 2,153,749; Apr. 11.
Cylinder and impression cylinder on rotary presses, Contact of inking. D. L. Boyd. 2,173,875; Sept. 26
Cylinder and piston construction. J. P. Burke. 2,161,132; June 6.
Cylinder and piston structure, Master. E. G. Carroll. 2,170,851; Aug. 29.
Cylinder assembly for gas systems, Single. J. R. Gerow and C. M. Francisco. 2,179,886; Nov. 14.
Cylinder, Compound. A. A. Loweke. 2,184,501; Dec. 26.
Cylinder, Drying. P. R. Sandwell. 2,150,132; Mar. 7.
Cylinder, Duplex master. L. E. La Brie. 2,152,065; Mar. 28.
Cylinder, Engine. H. Alfaro. 2,147,186; Feb. 14.
Cylinder, Finned. D. S. Hersey. 2,184,345; Dec. 26.
Cylinder, Fluid pressure. M. Savio. 2,160,565; May 30.
Cylinder for engines of the opposed piston type. R. P. Pescara. 2,144,706; Jan. 24.
Cylinder for hydraulic brakes, Master. L. E. La Brie. 2,160,075; May 30.
Cylinder for hydraulic brakes, Master. C. H. Kindl. 2,152,485; Mar. 28.
Cylinder for hydraulic brakes, Master. O. Rasmussen. 2,152,499; Mar. 28.
Cylinder for printing presses, Gripping. B. F. Upham. 2,184,785; Dec. 26.
Cylinder forming and filling machine, Combined. H. B. Duane and W. H. Long. 2,165,354; July 11.
Cylinder head. I. E. Aske. 2,154,717; Apr. 18.
Cylinder head and making the same. J. Tjaarda. 2,167,093; July 25.
Cylinder head construction. J. P. Burke. 2,161,133; June 6.
Cylinder head construction for Diesel engines. W. H. Ross. 2,154,358; Apr. 11.
Cylinder-head construction, Internal combustion engine. A. A. Woodward. 2,182,105; Dec. 5.
Cylinder head puller. H. G. Klermund. 2,159,593; May 23.
Cylinder head structure. I. E. Aske. 2,163,905; June 27.
Cylinder honing and wiping device. G. C. Beck. 2,166,281; July 18.
Cylinder, Hydraulic brake wheel. A. F. Ericson. 2,175,431; Oct. 10.
Cylinder lock. F. K. Heyer. 2,145,085; Jan. 24.
Cylinder lock. T. H. Johnstone. 2,182,809; Dec. 12.
Cylinder lock. A. Kittler. 2,142,610; Jan. 3.
Cylinder lock. H. Machinist. 2,155,726; Apr. 25.
Cylinder lock. R. Simon. 2,150,639; Mar. 14.
Cylinder, Master. O. Rasmussen. 2,182,237; Dec. 5.
Cylinder or ring for packings, bearings, linings, and the like, Hollow. G. Huhn. 2,177,040; Oct. 24.
Cylinder, Printing. J. P. E. Neilson. 2,157,621; May 9.
Cylinder printing machine. K. Kaufmann. 2,170,027; Aug. 22.
Cylinder sleeves, Apparatus for producing. A. G. Anderson. 2,156,521; May 2.
Cylinder structure for engines and the like. C. W. Dake. 2,146,368; Feb. 7.
Cylinder unit for brakes, Master. L. E. La Brie. 2,156,120; Apr. 25.
Cylinder, Volumetric control master. H. T. Lambert. 2,166,742; July 18.
Cylinder with radial bars and safety teeth, Threshing. A. Martinez B. 2,149,704; Mar. 7.
Cylinders, Device for cleaning rotating. R. W. Moncrieff and P. H. Miller. 2,171,631; Sept. 5.
Cylinders, Forming printing. E. S. Ballard. 2,155,392; Apr. 25.
Cylinders in motors, Mounting of. M. J.-B. Barbarou. 2,170,443; Aug. 22.
Cylinders, Making flanged. J. J. Vienneau. 2,167,539; July 25.
Cylinders, Method and apparatus for coating. W. C. Huebner. 2,148,558; Feb. 28.
Cylinders, Registering printing machine. W. F. Huck. 2,181,894; Dec. 5.
Cylinders with an inner lining, Making engine. A. Lesage. 2,166,634; July 18.
Cylindrical surfaces, Method and machine for honing. A. M. Johnson and W. M. Hairbairn. 2,167,758; Aug. 1.
D-ribose from calcium D-altronate, Production of. C. S. Hudson and N. K. Richtmyer. 2,162,721; June 20.
Dairy product chilling device. C. Doering. 2,178,780; Nov. 7.
Dairy products, Retarding deterioration of. S. Musher. 2,176,024; Oct. 10.
Dam. K. Kato. 2,145,396; Jan. 31.
Dam. D. Smith. 2,158,205; May 16.
Dam construction. A. O. Neuman. 2,178,916; Nov. 7.
Dam for graves, Water. A. L. Malott and C. E. Robertson. 2,145,122; Jan. 24.
Dam, Irrigation. H. W. Small. 2,174,845; Oct. 3.
Dam remover. W. G. Hayes. 2,171,830; Sept. 5.
Damming device for lister furrows. A. W. Seaman. 2,174,045; Sept. 26.

Damped chart-pen lifter. P. F. K. Erbguth. 2,173,061; Sept. 12.
Dampener for printing presses. E. C. Grembecki. 2,178,583; Nov. 7.
Dampener, Viscous. L. A. Elmer. 2,182,076; Dec. 5.
Damper. C. R. Anderson. 2,149,565; Mar. 7.
Damper. W. W. Burke. 2,148,530; Feb. 28.
Damper. A. J. Otto. 2,142,616; Jan. 3.
Damper. J. L. Roof. 2,148,713; Feb. 28.
Damper and control, Multiple. H. G. Chandler. 2,166,623; July 18.
Damper and filter arrangement for air circulating units. G. C. Savage. 2,157,307; May 9.
Damper, Automatic. J. F. Lawson. 2,179,940; Nov. 14.
Damper construction. J. F. Coventry. 2,157,382; May 9.
Damper control. A. D. Cole. 2,164,607; July 4.
Damper control for boilers and the like, Multiple. E. C. and J. A. Niven. 2,153,637; Apr. 11.
Damper, Crankshaft torsion. W. G. Lundquist. 2,172,741; Sept. 12.
Damper for registers. H. Anderson. 2,146,391; Feb. 7.
Damper guided by polar and translational movement, Dynamic. M. B. Bleecker. 2,146,524; Feb. 7.
Damper having single support and cam stabilizers, Dynamic. R. Chilton. 2,169,222; Aug. 15.
Damper, Hydraulic shock. I. A. Leslie. 2,154,906; Apr. 18.
Damper mounting and regulating means. G. L. Kerentoff. 2,183,292; Dec. 12.
Damper, Propeller shaft support, Vibration. E. N. Cole. 2,162,159; June 13.
Damper regulator. L. E. Heasley. 2,146,142; Feb. 7.
Damper regulator. J. P. Kriechbaum and C. G. Kronmiller. 2,184,701; Dec. 26.
Damper regulator. S. C. Shipley. 2,169,168; Aug. 8.
Damper, Rocking dynamic. R. Chilton. 2,184,734; Dec. 26.
Damper, Shock. I. A. Leslie. 2,143,199; Jan. 10.
Damper structure. T. A. Misbach and S. O. Hammon. 2,170,726; Aug. 22.
Damper, Torsional vibration. W. L. Fischer. 2,180,351; Nov. 21.
Damper, Velocity control. M. O. Snediker. 2,157,025; May 2.
Damper, Vibration. A. J. Bocz. Re. 21,021–2; Mar. 7.
Damper, Vibration. R. S. Buck. 2,154,489; Apr. 18.
Damper, Vibration. J. M. Christman. 2,153,914; Apr. 11.
Damper, Vibration. E. N. Cole and C. F. Arnold. 2,142,178; Jan. 3.
Damper, Vibration. H. C. Crane. 2,185,023; Dec. 26.
Damper, Vibration. W. Genest and H. Hartz. 2,174,209; Sept. 26.
Damper, Volume and velocity control. T. J. Brett and E. A. Gibbons. 2,142,665; Jan. 3.
Damper winding for synchronous motors. C. C. Shutt. 2,154,289; Apr. 11.
Damper, Wire vibration. W. S. Diehl. 2,154,442; Apr. 18.
Damper with floating pin support, Rocking dynamic. R. Chilton. 2,154,063; Apr. 11.
Damping device. G. Pielstick. 2,184,504; Dec. 26.
Damping means for automobile tops and the like. C. A. Upson. 2,142,463; Jan. 3.
Damping network, Frequency dependent. H. Lueder. 2,182,089; Dec. 5.
Dance steps, Recording and illustrating. J. F. Montine. 2,158,475; May 16.
Darning device. W. W. Klima. 2,157,791; May 9.
Darning and weaving device. H. V. K. Friedland. 2,171,788; Sept. 5.
Dart. F. Lowy. 2,182,296; Dec. 5.
Dart type plug. G. S. Knox. 2,146,219; Feb. 7.
Dating or numbering mechanism. M. J. Milmoe and C. J. Malhiot. 2,180,162; Nov. 14.
Dauber, Shoe polish. D. J. Beem. 2,179,735; Nov. 14.
Davit. V. Krzeminsky. 2,173,421; Sept. 19.
Davit for lifeboats. A. W. Lyda. 2,177,901; Oct. 31.
Dead end clamp. J. B. Cook. 2,180,977; Nov. 21.
Deadlocking latch. F. K. Heyer. 2,157,853; May 9.
Decalcomania. J. B. Carr and H. C. Rathke. 2,154,198; Apr. 11.
Decalcomania. F. W. Humphner. 2,149,916; Mar. 7.
Decalcomania. F. W. Humphner. 2,183,315; Dec. 12.
Decalcomania transfer. F. Hart. 2,184,077; Dec. 19.
Decapper, Collar. R. E. Reardon. 2,183,588; Dec. 19.
Deck laying tool. J. I. Kushima. 2,161,784; June 13.
Deck structure for oil storage tanks, Floating. A. M. Griffin. 2,148,811; Feb. 28.
Deck supporting device. W. H. Mussey. 2,165,406; July 11.
Deck, Vehicle supporting. G. C. Meyers, 2,165,400; July 11.
Decoder. R. M. Hicks and E. R. Leroy. 2,162,170; June 13.
Decolorizing composition, Preparing a synthetic. L. Caldwell. 2,163,526; June 20.
Decomposition product of the epidermis of hogs, etc., Hydrolytic. C. H. Campbell. 2,164,798; July 4.
Decompression device. E. H. Godfrey. 2,183,558; Dec. 19.
Decorated textile fabric. F. D. Cheney and J. Learned. 2,160,828; June 6.
Decorating apparatus. O. D. King. 2,147,653; Feb. 21.
Decoration, Christmas tree. B. F. Muldoon. 2,171,116; Aug. 29.
Decorative article and making it. C. R. Dripps. 2,148,931; Feb. 28.
Decorative device, Illuminated. E. J. Graf. 2,155,822; Apr. 25.
Decorative means for receptacles and applying same. E. H. Moseley. 2,163,151; June 20.
Decorative method and product. B. Asnes. 2,161,990; June 13.
Decorticating machine. J. J. Marczak. 2,182,729; Dec. 5.
Decorticator. H. T. McGill. 2,164,338; July 4.
Decoy. G. H. Hutaff, Jr. 2,174,211; Sept. 26.
Decoy device. D. Bonetti. 2,185,013; Dec. 26.
Decoy duck. A. A. Oeding. 2,162,786; June 20.
De-emulsifier. M. Powell. 2,175,699; Oct. 10.
Deep well drill, Collapsible. W. G. Hurley. 2,173,018; Sept. 12.
Deep well motor pump. L. R. Thrasher. 2,171,460; Aug. 29.
Deep well pump. W. L. Connor. 2,180,864–5; Nov. 21.
Deep well pump. T. S. Harris. 2,183,351; Dec. 12.
Deep well pump. J. P. Jackson. 2,157,704; May 9.
Deep well pump. H. H. Raulerson. 2,174,805; Oct. 3.
Deep well pump. W. S. Whitcomb. 2,164,975; July 4.
Deep well pump. A. Will. 2,174,114; Sept. 26.
Defeathering compound. H. W. Dippel. 2,142,938; Jan. 3.
Defecator. W. C. Groeniger. 2,158,362; May 16.
Defecator. W. C. Groeniger. 2,164,321; July 4.
Defecator, Floor discharging. W. C. Groeniger. 2,180,585; Nov. 21.
Defect card receptacle. F. W. Hankins. 2,180,294; Nov. 14.
Defects in electrically conductive objects, Apparatus and method for detecting. D. L. Hay. 2,150,922; Mar. 21.
Defects in sound tracks, Method and apparatus for the elimination of. R. Meyer. 2,160,252; May 30.
Deflation indicator. J. Kotch. 2,144,187; Jan. 17.
Deflecting circuit. A. W. Vance. 2,144,351; Jan. 17.
Deflecting device for Braun tubes. E. Ruska. 2,152,363; Mar. 28.
Deflecting device for cathode ray tubes, Combined. E. Ruska. 2,143,579; Jan. 10.
Deflecting device for well drilling tools. T. C. Strength. 2,179,567; Nov. 14.
Deflecting system. K. Schlesinger. 2,154,386; Apr. 11.
Deflecting tool. T. E. McMahan. 2,142,858; Jan. 3.
Deflecting tool, Well-bore. T. E. McMahan. 2,142,859; Jan. 3.
Deflection apparatus, Cathode ray. E. Ruska. 2,143,580; Jan. 10.
Deflector, Adjustable chip. C. B. Timmons. 2,173,772; Sept. 19.
Deflector arrangement for ventilating systems, Dual. A. Feinberg. 2,158,413; May 16.
Deflector, Bug. O. H. Eriksen. 2,184,995; Dec. 26.
Deflector for vertical mixing machines. W. F. Dehuff. 2,142,963; Jan. 3.
Defroster. E. C. Booth. 2,155,355; Apr. 18.
Defroster and body ventilator, Windshield. O. M. Wermich. 2,173,893; Sept. 26.
Defroster for aircraft. F. G. Brammer. 2,160,397; May 30.
Defroster for windshields. E. P. Hayward. 2,166,146; July 18.
Defroster, Refrigerator. C. M. Chapman. 2,178,336; Oct. 31.
Defroster, Windshield. G. J. Bliss. 2,174,816; Oct. 3.
Defroster, Windshield. P. and T. Fischer. 2,183,907; Dec. 19.
Defroster, Windshield. H. F. Maloney. 2,160,597; May 30.
Defroster, Windshield. R. Schumann. 2,142,659; Jan. 3.
Defroster, Windshield. C. H. Will. 2,152,338; Mar. 28.
Defrosting and refreezing apparatus. E. Stafford. 2,145,323; Jan. 31.
Defrosting control for heat pumps. H. R. Crago. 2,143,687; Jan. 10.
Degreasing. A. A. Levine. 2,153,577; Apr. 11.
Degreasing and cleaning by vapor condensate. T. P. McFadden. Re. 20,976; Jan. 10.
Degreasing and flushing device. G. F. Burger. 2,161,131; June 6.
Degreasing machine. G. Edhofer and G. Wolff. 2,158,621; May 16.
Degreasing process. C. J. S. Warrington. 2,162,656; June 13.
Dehumidifying solution. S. B. Heath and F. R. Minger. 2,143,007; Jan. 10.
Dehydrating and fusing, Process and equipment for. L. G. Black. 2,146,051; Feb. 7.
Dehydrating apparatus. H. B. Wentworth. 2,152,939; Apr. 4.
Dehydrator. W. A. Arnold. 2,143,505; Jan. 10.
Dehydrator, Egg. R. A. Goodhue. 2,166,467; July 18.
Dehydrobinaphthylenediimines. A. Rieche and W. Rudolph. 2,153,994; Apr. 11.
Dehydrogenation of organic compounds, Catalytic. H. P. A. Groll and J. Burgin. 2,184,235; Dec. 19.
Dehydrogenation process. H. P. A. Groll and J. Burgin. 2,184,234; Dec. 19.

Deicer for airships. E. D. Monegan and P. A. Roush. 2,173,262; Sept. 19.
Deicing apparatus for airplane propellers. T. L. Siebenthaler. 2,150,521; Mar. 14.
Deicing means for airplanes. W. S. Diehl. 2,168,328; Aug. 8.
Delayed action reversing switch. R. H. Goddard. 2,158,181; May 16.
Delayed action switch. H. W. Jones. 2,171,114; Aug. 29.
Delayed diode circuit. D. E. Foster. 2,144,015; Jan. 17.
Delivery and counting mechanism for rotary printing presses. F. A. Foster. 2,161,033; June 6.
Delivery control mechanism for bins. T. N. Pierson. 2,149,867; Mar. 7.
Delivery device for a printing press, Face-up. L. A. Bakke. 2,144,398; Jan. 17.
Delivery mechanism. N. De Manna. 2,172,364; Sept. 12.
Delivery mechanism, Rotary. C. A. Harless. 2,156,454; May 2.
Δ4,5-unsaturated androstene compound and making same. L. Ruzicka. 2,159,569; May 23.
Δ ^{5,6}-3-chlor-etio-cholenone-17, Preparing. J. Weijlard. 2,176,113; Oct. 17.
Demagnetization. C. W. Davis. 2,154,399; Apr. 11.
Demand meter. T. A. Rich and G. F. Gardner. 2,172,176; Sept. 5.
Demand meter. M. Weisman. 2,149,410; Mar. 7.
Demand register, Maximum. R. O. Hamill. 2,147,895; Feb. 21.
Demodulating device. H. Rothe and R. Urtel. 2,167,033; July 25.
Demodulating means. H. Chireix. 2,153,612; Apr. 11.
Demodulator. H. Pitsch. 2,165,764; July 11.
Demonstration apparatus. F. H. Netter. 2,158,906; May 16.
Demountable coupling. H. H. Merwin. 2,146,836; Feb. 14.
Demountable rim wheel. J. W. Vanderveer. 2,178,316; Oct. 31.
Demountable rock bit. J. T. Phipps. 2,182,903; Dec. 12.
Demountable stand. N. Sulentic. 2,147,759; Feb. 21.
Demountable wheel. R. Notson. 2,148,707; Feb. 28.
Denaturants of alcohol, Producing. L. M. Christensen. 2,176,208; Oct. 17.
Densitometer, Reflection and transmission. J. W. McFarlane and C. A. Morrison. 2,146,904; Feb. 14.
Dent remover. H. H. Newman. 2,178,308; Oct. 31.
Dental amalgam mixer. J. A. Saffir. 2,175,321; Oct. 10.
Dental appliance. C. A. Spahn. 2,152,391; Mar. 28.
Dental bridgework and making same. H. Freedman. 2,147,403; Feb. 14.
Dental casting alloy. C. J. Grossman. 2,155,047; Apr. 18.
Dental casting alloy. C. J. Grossman. 2,156,757; May 2.
Dental casting alloy. C. J. Grossman. 2,162,252–3; June 13.
Dental casting alloy. C. J. Grossman. 2,165,793; July 11.
Dental casting alloy. C. J. Grossman. 2,165,849; July 11.
Dental cleaning compact. W. O. and E. E. Smith. 2,168,689; Aug. 8.
Dental device and utilizing same. J. Sorenson. 2,176,575; Oct. 17.
Dental floss adjuster. E. E. Shepard. 2,163,500; June 20.
Dental floss, Device for holding. W. A. May. 2,182,525; Dec. 5.
Dental floss holder. F. J. Boldusoff. 2,162,240; June 13.
Dental floss holder. G. A. Landis. 2,146,375; Feb. 7.
Dental floss holder. A. L. Peterson. 2,172,591; Sept. 12.
Dental floss throw-away unit and making same. I. Henne. 2,180,522; Nov. 21.
Dental hand piece, Contra-angle. H. H. Beardsley. 2,180,499; Nov. 21.
Dental illumination unit. C. M. Beam. 2,176,620; Oct. 17.
Dental impressions, Method of and apparatus for taking. J. J. Sitkin and F. W. Archer. 2,155,334; Apr. 18.
Dental instrument. L. G. Coble. 2,153,710; Apr. 11.
Dental instrument. B. S. Ostrom. 2,183,690; Dec. 19.
Dental instrument. S. L. Steiner. 2,184,105; Dec. 19.
Dental investment or refractory material. E. M. Prosen. 2,152,152; Mar. 28.
Dental jacket. B. H. Eisenstein. 2,154,499; Apr. 18.
Dental massage appliance. J. J. McGerry. 2,164,219; June 27.
Dental pencil. A. Haeberlin. 2,160,731; May 30.
Dental pin. D. W. Phillips. 2,162,444; June 13.
Dental plate cleanser. S. Jellinek. 2,160,149; May 30.
Dental projection, Apparatus for. J. A. Saffir. 2,182,822; Dec. 12.
Dental restoratives, Preparing. F. S. Meyer. 2,171,759; Sept. 5.
Dental structure, Artificial. H. Freedman. 2,149,048; Feb. 28.
Dentifrice. H. Klein and E. Kaplan. 2,154,168; Apr. 11.
Dentiphone. A. W. Jefferis, Jr. 2,161,169; June 6.
Denture. S. E. Linchitz. 2,165,558; July 11.
Denture. M. E. Page. 2,144,198; Jan. 17.
Denture. C. H. Prange. 2,180,549; Nov. 21.
Denture. G. S. Weith. 2,162,204; June 13.
Denture. F. M. Zull. 2,168,967; Aug. 8.
Denture, Cast metallic. C. J. Grossman. 2,171,744; Sept. 5.
Denture cleaning device. D. Pellegrini. Re. 21,069; May 2.
Denture demonstrating device. G. H. Burtenshaw. 2,178,717; Nov. 7.
Denture, Making a. W. A. Voigt. 2,163,014; June 20.
Dentures, Fitting artificial. G. P. Brenner. 2,183,512; Dec. 12.
Dentures, Forming. F. Widoe, Sr. 2,165,597; July 11.
Dentures, Making. C. S. Ballard. 2,171,736; Sept. 5.
Dentures, Making. P. M. Kyprie. 2,168,530; Aug. 8.
Dentures, Preparing. N. G. Wills. 2,168,546; Aug. 8.
Deoscillator. F. Moore. 2,148,491; Feb. 28.
Deposition furnace. C. J. Christensen. 2,161,950; June 13.
Deposition, Process of. H. C. Davis. 2,155,932; Apr. 25.
Deposition, Process of. H. C. Davis. 2,181,177; Nov. 28.
Depressing mechanism, Valve. R. H. Sheppard. 2,167,854; Aug. 1.
Depth gauge. F. Schaber. 2,175,650; Oct. 10.
Depth indicator apparatus, Sonic. J. M. McSpadden. 2,172,395; Sept. 12.
Depth measuring apparatus. H. Kietz. 2,179,509; Nov. 14.
Derivatives of a hydroxynaphthoic acid. W. Schneider. 2,156,821; May 2.
Derivatives of a phenol obtained from cashew nut shell liquid and preparing same. S. Caplan. 2,181,119; Nov. 28.
Derivatives of alkylolamines. M. B. Katzman and A. K. Epstein. 2,178,174; Oct. 31.
Derivatives of androstenols and making the same. A. Serini, L. Strassberger, and W. Logemann. 2,182,825; Dec. 12.
Derivatives of ascorbic acid having antiscorbutic action and manufacture of same. K. Warnat. 2,150,140; Mar. 7.
Derivatives of coal tar, Purification of crystallizable. J. H. Boyd, Jr. 2,163,581; June 27.
Derivatives of compounds of the suprarenal cortical hormone series and making same. T. Reichstein and E. Schlittler. 2,183,589; Dec. 19.
Derivatives of dibenzo-furane, Metallic and hydroxy. H. Gilman and R. V. Young. 2,146,730; Feb. 14.
Derivatives of fatty acids and their manufacture, Basic. V. Kartaschoff. 2,149,527; Mar. 7.
Derivatives of fatty acids, Purification of relatively water insoluble. S. H. McAllister and G. F. Johnson. 2,167,931; Aug. 1.
Derivatives of hydrocarbons of high molecular weight and making same. W. Kern. 2,152,964; Apr. 4.
Derivatives of phenanthrolins and preparing the same. H. Henecka. 2,163,946; June 27.
Derivatives of polymerized alkylolamines. M. B. Katzman and A. K. Epstein. 2,178,173; Oct. 31.
Derivatives of pyrazine carboxylic acid and their production. O. Dalmer and E. Walter. 2,149,279; Mar. 7.
Derivatives of pyrazine carboxylic acid and their production. O. Dalmer, C. Diehl, and E. Walter. 2,176,063; Oct. 17.
Derivatives of rubber, Thermoplastic. I. Williams. 2,158,530; May 16.
Derivatives of the morphine series and their preparation, Nuclear substituted. L. F. Small and H. M. Fitch. 2,178,010; Oct. 31.
Derivatives of vat dyestuffs, Water-soluble. L. Zeh and C. Heuck. 2,159,195; May 23.
Derrick. M. W. Sarsfield and C. L. Conklin. 2,157,500; May 9.
Derrick, Collapsible. A. Haynes. 2,176,965; Oct. 24.
Derrick construction. A. D. Rhodes. 2,164,427; July 4.
Derrick leg footing. A. D. Rhodes. 2,164,428; July 4.
Derrick, Portable. B. Kervarrec. 2,168,128; Aug. 1.
Desiccated biologically, active substances, Preservation of. J. Reichel. 2,176,004; Oct. 10.
Desiccating method. D. D. Peebles. 2,184,314; Dec. 26.
Designoscope. W. O. Wetmore. 2,152,424; Mar. 28.
Designs, Apparatus for creating and projecting. O. J. Gilluly. 2,173,162; Sept. 19.
Designs, Combining smocking and needlework. H. S. Sadtler. 2,157,573; May 9.
Designs in relief, Making. A. P. D. Belanger. 2,173,349; Sept. 19.
Designs on ceramic ware, Producing colored. W. D. Ford. 2,147,770; Feb. 21.
Designs on fabric, Delineating multicolored. W. M. Tranior. 2,152,507; Mar. 28.
Designs on printing plates by means of photoelectrically controlled gravers, Process and device for the reproduction of. F. Alice. 2,160,951; June 6.
Desk. J. F. Dunn. 2,165,244; July 11.
Desk. E. H. Hupp. 2,155,048; Apr. 18.
Desk construction. S. S. Stephenson. 2,170,098; Aug. 22.
Desk, Convertible. R. T. Bourn. 2,172,605; Sept. 12.
Desk cover. S. J. Roberts. 2,163,985; June 27.
Desk, Knock-down. M. S. Stevenson and R. Wells. 2,152,609; Mar. 28.
Desk lamp. T. W. Rolph. 2,164,546; July 4.
Desk, Lecture. D. Katz. 2,181,133; Nov. 28.
Desk, Lecture and projection. D. Katz. 2,181,134; Nov. 28.
Desk leg and the like. E. Rhodes. 2,178,940; Nov. 7.
Desk pad. S. N. Hope. 2,159,212; May 23.
Desk, School. B. H. Durbin. 2,150,739; Mar. 14.

Desk, School. R. K. Merrill. 2,168,910; Aug. 8.
Desk set. C. G. Gregory. 2,148,941; Feb. 28.
Desk set. C. G. Gregory. 2,177,772; Oct. 31.
Desk set. C. G. Gregory. 2,180,518; Nov. 21.
Desk stand. J. L. Coen. 2,156,276; May 2.
Desk stand. E. C. Moore and W. R. Challoner. 2,152,557; Mar. 28.
Desk, Typewriter. B. Bargen. 2,155,293; Apr. 18.
Desk, Typewriter. C. W. Koch. 2,173,302; Sept. 19.
Desk with sliding book support. J. M. Rainwater. 2,182,703; Dec. 5.
Despooler. P. E. Chapman. 2,157,847; May 9.
Desulphurizing apparatus. R. P. Heuer. 2,177,716; Oct. 31.
Desuperheater. H. C. Wheaton. 2,155,986; Apr. 25.
Desuperheater control. H. R. Fulton. 2,176,838; Oct. 17.
Detachable blade core bit. G. Purnell. 2,182,035; Dec. 5.
Detachable drill bit. C. A. Hirschberg. 2,158,120; May 16.
Detachable electrical connector. J. E. Benoit and C. B. Reynolds. 2,180,662; Nov. 21.
Detachable electrical connector. W. L. Kinnebrew. 2,170,287; Aug. 22.
Detachable rectifier plug. R. L. Triplett. 2,180,487; Nov. 21.
Detachable support. R. S. Sanford. 2,157,020; May 2.
Detasseling machine. P. Seeber. 2,184,198; Dec. 19.
Detecting and amplifying system. H. F. Elliott. 2,142,095; Jan. 3.
Detection device. P. F. Wendel. 2,161,327; June 6.
Detector: *See*—
Motion detector.
Detector. P. T. Farnsworth. 2,156,807; May 2.
Detector. H. E. Hollmann. 2,175,263; Oct. 10.
Detector, Amplifying. H. Bendel and A. Schmid. 2,156,649; May 2.
Detector bar. C. D. Brown. 2,160,718; May 30.
Detector circuit, Constant bias diode. D. G. Burnside. 2,144,606; Jan. 24.
Detector circuit, Superregenerative. R. C. Jensen. 2,160,663; May 30
Detector for radio receiving systems. J. M. Riddle, Jr. 2,145,372; Jan. 31.
Detector, Imperfection. W. G. Slattery. 2,167,693; Aug. 1.
Detector, Photoelectric message. R. W. Stain. 2,150,467; Mar. 14.
Detector, Two-sheet. A. C. Smith. 2,142,536; Jan. 3.
Detent mechanism. M. Birkigt. 2,179,914; Nov. 14.
Detergent and making the same. C. F. Reed. 2,174,110; Sept. 26.
Detergent and wetting compositions. W. S. Martin. 2,156,996; May 2.
Detergent composition. W. G. Beckers. 2,169,829; Aug. 15.
Detergent composition. C. R. Caryl and A. O. Jaeger. 2,181,087; Nov. 21.
Detergent composition. W. H. Hampton. 2,143,066; Jan. 10.
Detergent composition and making same. S. J. Miller, B. Sway, and E. P. Breckel. 2,162,023; June 13.
Detergent composition containing buffers. H. E. Buc. 2,157,320; May 9.
Detergent composition, Inhibited. C. L. Griffith and L. A. Hall. 2,155,045–6; Apr. 18.
Detergent composition, Mothproofing. H. Stötter and T. Hermann. 2,184,951; Dec. 26.
Detergent compound, Alkaline. L. A. Hall and C. L. Griffith. 2,142,870; Jan. 3.
Detergent for toilet use containing incompletely esterified polyhydric alcohol. R. A. Duncan. 2,175,285; Oct. 10.
Detergent product and making same. R. Furness and A. Fairbourne. 2,154,977; Apr. 18.
Detergents and preparation thereof. W. S. Martin. 2,166,315; July 18.
Detergents and producing same, Homogeneous alkaline. L. A. Hall. 2,142,871; Jan. 3.
Detergents, Manufacture of sodium silicate. W. S. Riggs and C. W. Burkhart. 2,175,781; Oct. 10.
Detergents, Preparation of. W. S. Martin. 2,166,314; July 18.
Deterioration inhibitor. A. M. Clifford. 2,173,711; Sept. 19.
Detonating compositions. E. Scholz. 2,163,498; June 20.
Detonator. P. M. Forsyth. 2,178,723; Nov. 7.
Detonator for Christmas crackers and the like. A. M. Mahaffy. 2,149,852; Mar. 7.
Detonator for internal combustion engines. F. P. Grahman. 2,148,458; Feb. 28.
Detonator, Mechanical. H. Junghans. 2,168,482; Aug. 8.
Developer for off-set or contact film and plate negatives, Nonoxidizing and nondeteriorating. L. Tarnoff. 2,162,765; June 20.
Developing device. F. Doetzel, Jr. 2,158,817; May 16.
Developing, Method and device for. R. J. H. Alink and J. Aninga. 2,172,783; Sept. 12.
Deviation recording device. J. R. Hoard. 2,173,745; Sept. 19.
Device adapted for cleaning pipes. F. Buchhorn. 2,183,007; Dec. 12.
Device ancillary to spinning spindles and the like. C. Staufert. 2,168,248; Aug. 1.
Device for actuating a clutch and a change speed gear in automobiles. K. Maybach. 2,159,170; May 23.
Device for actuating the controls on aircraft. R. Tampier. 2,185,160; Dec. 26.
Device for adjusting a rotatably and tiltably mounted table with respect to the axis of a drilling spindle. G. Möller. 2,146,906; Feb. 14.
Device for adjusting the ignition timing of internal combustion engines. F. Nallinger. 2,167,902; Aug. 1.
Device for, and method of, protecting hog-carcass tongues. R. J. Gunderson. 2,181,370; Nov. 28.
Device for applying a coating to fabric. M. H. Bloomberg. 2,157,521; May 9.
Device for applying and attaching tear-off caps to bottles. E. Pommer. 2,166,784; July 18.
Device for applying dental floss. N. F. Fox. 2,148,066; Feb. 21.
Device for arresting the motion of vehicles. D. R. King. 2,151,704; Mar. 28.
Device for attaching tire chains. F. B. Hewel. 2,175,395; Oct. 10.
Device for automatically controlling the fore and aft inclination of aircraft. G. Z. von Manteuffel. 2,169,982; Aug. 15.
Device for automatically stopping sheet conveyers for printing or like machine. H. T. Backhouse. 2,154,022; Apr. 11.
Device for balancing alternating machines. R. R. Sarazin. 2,183,467; Dec. 12.
Device for balancing reciprocating engines. R. R. R. Sarazin. 2,154,359; Apr. 11.
Device for balling yarn for knitting or crocheting purposes. H. H. Brown. 2,156,050; Apr. 25.
Device for cleaning combs. W. C. Crawford. 2,175,986; Oct. 10.
Device for cleaning surfaces. L. B. Johnson. 2,149,526; Mar. 7.
Device for conducting the thread in winding machines. H. Dersen. 2,156,472; May 2.
Device for connecting the shoe of a rail to a carrier of concrete or the like. A. Rosselli. 2,174,229; Sept. 26.
Device for continuously registering the revolutions of an internal combustion engine in consideration of the actual load. E. Uher. 2,159,236; May 23.
Device for controlling and planning production, order dispatching, stores, and sales. H. Molz. 2,169,498; Aug. 15.
Device for controlling and regulating liquid level, liquid flow, and temperature and pressure conditions thereof. J. E. Christian. 2,171,394; Aug. 29.
Device for controlling the content of a carbureted mixture. B. G. M. Muselier. 2,177,908; Oct. 31.
Device for conveying and stripping press cakes. A. N. Honig. 2,163,839; June 27.
Device for creasing trousers. R B. Worden. 2,177,124; Oct. 24.
Device for crushing and pulverizing materials. P. B. Bucky. 2,148,529; Feb. 28.
Device for curling and locking hair. A. Cuomo. 2,153,133; Apr. 4.
Device for cutting endless bands of artificial fibers. K. Lohmann. 2,142,475; Jan. 3.
Device for deflecting air streams. G. A. Gracey. 2,184,798; Dec. 26.
Device for delivering measured quantities of liquid. F. W. and A. G. Berwick. 2,180,702; Nov. 21.
Device for delivering metallic leaf from a package thereof. E. J. Cavanaugh. 2,156,176; Apr. 25.
Device for determining the genuineness of bank notes, etc. J. H. Ruth. 2,155,957; Apr. 25.
Device for discharging explosive or combustible charges. R. A. Coffman. 2,164,700; July 4.
Device for discharging materials. O. Hubmann and L. Ruckes. 2,148,946; Feb. 28.
Device for dispensing web material. H. Fredd. 2,166,349; July 18.
Device for displaying wearing apparel. P. F. McAuliffe and R. B. Randell. 2,162,919; June 20.
Device for disseminating by steam aqueous solutions, emulsions and mixtures. W. R. Wertz. 2,165,321; July 11.
Device for draining water from air tanks. D. J. McKinnon. 2,173,307; Sept. 19.
Device for drawing upon forms, of articles to be finished, such as stockings and other hosiery goods. L. P. Heliot. 2,166,053; July 11.
Device for electric welding. H. F. M. Hollesen. 2,183,219; Dec. 12.
Device for eliminating differences in register. G. Heinrich. 2,184,218; Dec. 19.
Device for ensuring the automatic regulation of the delivery of hydraulic mains. P. F. Danel. 2,172,865; Sept. 12.
Device for entitling films. S. P. Caldwell. 2,170,398; Aug. 22.
Device for equalizing the vertical movement of snow removing mechanism. W. E. Klauer. 2,144,314; Jan. 17.
Device for fabricating detachable drill bits. C. E. Cook. 2,163,935; June 27.
Device for facilitating movement of steering wheels. J. L. Barr. 2,143.184; Jan. 10.
Device for facilitating the turning of steering wheels. J. L. Barr and M. M. Overman. 2,161,907; June 13.
Device for feeding films. F. L. Van Weenen. 2,172,812; Sept. 12.

Device for feeding hairs and like short-length materials from a loose mass thereof. C. West. 2,144,003; Jan. 17.
Device for feeding material. W. H. Venable. 2,153,030; Apr. 4.
Device for filling fluid tanks. T. T. Thigpen. 2,182,415; Dec. 5.
Device for filling pneumatic injection syringes. C. Hofmann. 2,163,240; June 20.
Device for finishing the soles of shoes. C. Haber and E. Haumann. 2,180,807; Nov. 21.
Device for flues, chimneys, and the like. J. Haag. 2,181,232; Nov. 28.
Device for forming doughnuts or the like. R. F. Petzelt. 2,148,774; Feb. 28.
Device for generating electrical oscillations. H. E. Hollmann. 2,151,765; Mar. 28.
Device for governing the fuel pump of a Diesel ram. P. Pfeiffer. 2,180,254; Nov. 14.
Device for handling and airing mattresses or like bulky articles. D. Vining. 2,175,981; Oct. 10.
Device for holding and curling hair. A. E. Farrell. 2,178,748; Nov. 7.
Device for holding animals while under treatment or operations. D. W. Shook. 2,184,364; Dec. 26.
Device for holding cigarettes and cigars. M. Poege. 2,167,586; July 25.
Device for holding in readiness a supply of adhesive paper bands provided with carrying handle loops. O. Kind. 2,144,883; Jan. 24.
Device for holding shingled record sheets. R. H. Ellis. 2,176,567; Oct. 17.
Device for indicating results of bowling games. J. L. Hunold. 2,144,975; Jan. 24.
Device for indicating the presence of noncondensable gases in steam systems. F. C. Stamm. 2,160,004; May 30.
Device for indicating the stopping point of a vehicle. W. N. Smith and W. H. Sanders. 2,158,210; May 16.
Device for indicating the undercover temperature in a bed. S. K. Meyer. 2,163,050; June 20.
Device for introducing manifolding sheets into a typing machine. A. Lorenz. 2,174,753; Oct. 3.
Device for issuing tickets, cards, and the like. G. von Kintzel. 2,155,762; Apr. 25.
Device for jacking up of motor vehicles or other power propelled contrivances. W. H. Trinkler. 2,153,530; Apr. 4.
Device for laying cloths about pre-pressed cakes in oil-pressing apparatus. A. N. Honig. 2,159,270; May 23.
Device for lifting and lowering heavy office machines in desks. M. Thurner. 2,143,218; Jan. 10.
Device for making trimmings. C. Seaman. 2,167,857; Aug. 1.
Device for measuring beer in a barrel. I. I. Bornstein. 2,182,195; Dec. 5.
Device for measuring high frequency currents. J. Stanek. 2,182,324; Dec. 5.
Device for measuring mechanical movements. E. Lehr and H. Granacher. 2,183,459; Dec. 12.
Device for mechanical recording. R. Vermeulen and C. van Overeem. 2,154,589; Apr. 18.
Device for milking machines. C. B. Wier. 2,184,761; Dec. 26.
Device for mixing fibrous material with binders such as plaster, cement, magnesite, and the like. J. Steinert. 2,164,044; June 27.
Device for mixing, sifting, and kneading. P. Vollrath. 2,157,683; May 9.
Device for obtaining objective evidence from a moving vehicle. G. W. Grist. 2,148,119; Feb. 21.
Device for obtaining solar observations. C. H. Wall. 2,173,545; Sept. 19.
Device for opening, dispensing contents of, and encasing cans. A. Jahnke and T. F. Ryan. 2,144,155; Jan. 17.
Device for oscillographically recording the action voltages of the human heart. H. E. Hollmann. 2,150,223; Mar. 14.
Device for oscillographing. S. L. de Bruin. 2,178,471; Oct. 31.
Device for packaging for shipment lamp shades and other like articles. D. Moskowitz. 2,181,198; Nov. 28.
Device for packaging laundry. W. C. Krout. 2,144,573; Jan. 17.
Device for placement of nipples and similar devices upon bottles. W. H. Rose. 2,158,527; May 16.
Device for posture study. I. R. Versoy. 2,180,181; Nov. 14.
Device for preventing distortion of meat carcasses. I. Geffner. 2,146,815; Feb. 14.
Device for preventing pick-outs. M. L. Rudolph. 2,181,070; Nov. 21.
Device for printing designs on walls, surfaces, or the like. F. Lohrey. 2,165,867; July 11.
Device for producing sealing disk sets for closure cap shells. A. J. Jonsson. 2,154,508; Apr. 18.
Device for providing torsional resistance. A. F. Hickman. 2,149,887; Mar. 7.
Device for pumping out boats. J. A. Larsson. 2,173,207; Sept. 19.
Device for raising fish plugs. H. J. Metzler. 2,175,757; Oct. 10.
Device for receiving written and graphic matter. E. Ammann and G. C. F. Meissner. 2,166,853; July 18.
Device for reducing frictions in systems of the worm and nut type. A. Fiorentino. 2,151,094; Mar. 21.
Device for regulating a condition of a main circuit controlled by an auxiliary circuit. E. W. Swanson. 2,146,778; Feb. 14.
Device for regulating gas flow, Coin-controlled. H. C. Mayers. 2,166,872; July 18.
Device for regulating the temperature of metal cylinders. A. Do Huu Chan. 2,184,908; Dec. 26.
Device for removing shavings in sound recording mechanisms. G. Fries. 2,172,734; Sept. 12.
Device for removing the heads of golf clubs. W. L. Wettlaufer. 2,160,395; May 30.
Device for rendering visible invisible rays. H. Coanda. 2,158,405; May 16.
Device for reproducing sound. A. T. van Urk and R. Vermeulen. 2,160,112; May 30.
Device for screening-off scattered X-rays, Manufacturing a. G. A. Lindstedt and E. H. Öhrn. 2,178,798; Nov. 7.
Device for screening off secondary X-rays. G. A. Lindstedt. and E. H. Öhrn. 2,148,631; Feb. 28.
Device for sealing an annular space. T. D. Nathan, W. D. Eakin, and F. F. Brucker. 2,145,189; Jan. 24.
Device for sealing glass block halves together, Method and automatic. J. R. Hoge, L. D. Soubier, and L. O. Mankin. 2,182,986; Dec. 12.
Device for separating carbonaceous materials. J. R. Belknap. 2,151,007; Mar. 21.
Device for serving subscribers with newspapers. R. D. Landis. 2,156,858; May 2.
Device for setting and timing locomotive valves. W. E. Bell. 2,184,449; Dec. 26.
Device for sharpening lawn mowers. R. L'Wolfe. 2,158,191; May 16.
Device for sharpening picker teeth. L. S. Eastman. 2,183,348; Dec. 12.
Device for signaling the presence of illuminating gas in inhabited premises. G. Menozzi. 2,178,486–7; Oct. 31.
Device for simultaneously spinning and twisting artificial silk threads. K. Berndt. 2,164,376; July 4.
Device for slitting fire treads. E. Eger. 2,165,842; July 11.
Device for spinning artificial silk threads. K. Berndt. 2,159,961; May 30.
Device for starting and feeding electric discharge tubes. J. Bethenod. 2,182,609; Dec. 5.
Device for steam heating systems. L. G. Greenwood. 2,175,728; Oct. 10.
Device for subdividing foodstuffs. E. C. Gebs. 2,143,771; Jan. 10.
Device for supporting and displaying merchandise. N. Snelling. 2,159,823; May 23.
Device for supporting packages of strand materials. B. van den Bergh. 2,158,262; May 16.
Device for suppressing pulsations in fluid streams. H. N. Wade. 2,154,223; Apr. 11.
Device for tensioning metal binding strips for packages and the like. O. Kind. 2,154,851; Apr. 18.
Device for testing spark plugs and ignition circuits. J. Tawyer. 2,153,944; Apr. 11.
Device for the aseptic treatment of the root of a tooth. F. Riedener. 2,173,637; Sept. 19.
Device for the automatic applications of antiseptic insulating ribbons to the edges of drinking glasses, cups, and the like. F. Satrango. 2,167,728; Aug. 1.
Device for the cleaning of beer coils and other dispensing apparatus. N. Bulleri. 2,175,951; Oct. 10.
Device for the continuous determination and recording of the cant of a railway track. A. E. Mauzin. 2,167,081; July 25.
Device for the conversion of electric currents or potentials by means of periodically actuated switching contacts. E. Janetschke. 2,169,560; Aug. 15.
Device for the fabrication of neckties. M. S. Malek. 2,181,997; Dec. 5.
Device for the lateral stretching of fabric webs. M. Hannig. 2,171,551; Sept. 5.
Device for the recovery of carbon dioxide gas. G. T. Reich. 2,183,943; Dec. 19.
Device for the removal of burs from metal surfaces. F. L. Green. 2,164,741; July 4.
Device for the separation of solids of various particle sizes contained in a fluid, especially in the manufacture of starch. G. Jahn. 2,184,598; Dec. 26.
Device for the vulcanization of rubber. R. A. Dufour and H. A. Leduc. 2,163,993; June 27.
Device for turning and edge-stitching round-cornered cuffs. J. I. McDonald. 2,142,277; Jan. 3.
Device for turning pages. C. J. Barron. 2,176,483; Oct. 17.
Device for twisting textile threads or the like. C. T. Pastor. 2,148,996; Feb. 28.
Device for use in making pipe joints. J. H. Lowe and W. King. 2,182,671; Dec. 5.
Device for use in the manufacture of artificial silk. C. G. Jansen. 2,177,322; Oct. 24.
Device for warp leasing. F. H. Kaufmann. 2,152,432; Mar. 28.
Device for waving hair. P. Athens. 2,152,015; Mar. 28.
Device for working on the soles of footwear. J. A. Bata. 2,166,482; July 18.
Device for working sectional shapes for shafts and bores. R. Mossdorf. 2,144,771; Jan. 24.

Device intended preferably to indicate the immediate contents in containers. B. Skaraas and E. Danielsson. 2,154,962; Apr. 18.
Device to aid turning of steering wheels. J. L. Barr. 2,143,183; Jan. 10.
Device to indicate the temperature of cooking meat. J. H. Adams. 2,154,426; Apr. 18.
Device to suppress high frequency oscillations. C. S. Nicoud and E. J. Wiggins. 2,145,629; Jan. 31.
Devices in timed relation, System of operating. C. J. Fitch. 2,181,939; Dec. 5.
Devon made of soft material. R. P. A. Bocchino. 2,152,948; Apr. 4.
Dew points, Apparatus for the determination of. J. C. Parkinson. 2,177,002; Oct. 24.
Dewatering method. D. M. Wright. 2,158,169; May 16.
Dewaxing with evaporative cooling. E. C. Knowles. 2,158,370; May 16.
Dextrine in a heated liquid medium, Manufacture of. H. E. Bode. 2,156,488; May 2.
Dextrins, Production of modified. P. D. Coppock. 2,181,782; Nov. 28.
Dextrose, Controllably retarding the crystallization of. C. S. Miner and A. Thompson. 2,145,662; Jan. 31.
Dextrose, Manufacture of. T. H. Barnard and P. L. Stern. 2,150,146; Mar. 14.
Dextrose, Manufacture of. R. C. Wagner and P. L. Stern. 2,150,197; Mar. 14.
Dextrose, Manufacture of. R. C. Wagner and P. L. Stern. 2,175,369; Oct. 10.
Dextrose, Production of high purity crystalline. C. J. Copland. 2,152,874; Apr. 4.
Dextrose solution. J. H. Buchanan. 2,151,499; Mar. 21.
Diacetyl, Preparing. A. S. Carter. 2,145,388; Jan. 31.
Diagnostic and therapeutic apparatus. G. Lyford. 2,156,764; May 2.
Diagnostic instrument. A. F. Dittmer. 2,174,916; Oct. 3.
Diagnostic instrument. H. R. Moulton. 2,180,015; Nov. 14.
Dial. J. E. Chambers. 2,156,490; May 2.
Dial. E. K. Madan. 2,159,095; May 23.
Dial adding machine. W. C. Thompson. 2,166,081; July 11.
Dial arrangement, Tuning. R. Buchardt. 2,144,325; Jan. 17.
Dial construction. W. D. Teague, Jr. 2,152,106; Mar. 28.
Dial, Gasoline meter. A. F. Howe and R. A. Bagnell. 2,169,048; Aug. 8.
Dial, Illuminating instrument. R. L. Triplett. 2,168,720; Aug. 8.
Dial indicator. J. G. Sisson. 2,165,017; July 4.
Dial indicator. G. A. Beck. 2,146,558; Feb. 7.
Dial indicator, Shock-absorbing. C. C. Street. 2,181,077; Nov. 21.
Dial, Industrial. A. P. Hultgren. 2,169,447; Aug. 15.
Dial mechanism. S. D. Rydstedt. 2,165,416; July 11.
Dial tension for bass drum, Single. F. Schuman. 2,173,443; Sept. 19.
Dialkyl formamides as selective solvents for refining mineral oils. V. L. Hansley. 2,166,140; July 18.
Di-alkylbenzenoid sulphides and their production. B. H. Wojcik. 2,185,008; Dec. 26.
Dialkylbenzenoid sulphides, Production of. B. H. Wojcik. 2,185,007; Dec. 26.
Di-alkylhalobenzenoid sulphides and producing the same. J. H. Babcock and A. Loverde. 2,185,009; Dec. 26.
Diamines, Di (amino-aroyl) alkylene. S. S. Rossander and C. W. Croco. 2,164,787; July 4.
Diamond bit. C. L. Heath and E. B. Sherwood. 2,174,980; Oct. 3.
Diamond grinding and lapping implements, Producing. G.-V. Barth. 2,174,453; Sept. 26.
Diamond, Profiling. R. Stopp. 2,144,901; Jan. 24.
Diamonds and making diamond tools, Setting. J. M. Stone and R. H. Taylor. 2,170,164; Aug. 22.
Dianthrapyridones. R. Lesser. 2,152,519; Mar. 28.
Diaper. R. L. Sayers. 2,145,137; Jan. 24.
Diaper. T. J. Swartz. 2,161,539; June 6.
Diaphragm, Acoustic. A. Nagelvoort. 2,146,975; Feb. 14.
Diaphragm cell actuator. E. Becker. 2,150,904; Mar. 21.
Diaphragm construction. S. Landell. 2,168,995; Aug. 8.
Diaphragm device. C. J. Jenny. 2,162,308; June 13.
Diaphragm, Fluid seal. R. O. Peterson and W. F. Bernstein. 2,149,147; Feb. 28.
Diaphragm for dry gas meters. M. Helm and F. Schöbel. 2,142,844; Jan. 3.
Diaphragm for electrolytic cells and producing the same, Separative. W. E. Kershaw. 2,155,016; Apr. 18.
Diaphragm for lenticulated films. A. Blondel. 2,160,716; May 30.
Diaphragm, Microporous. W. L. Reinhardt, and L. E. Wells. 2,161,383; June 6.
Diaphragm pump. H. H. Logan. 2,146,123; Feb. 7.
Diaphragm pump. A. G. Morris and T. C. Riggs. 2,148,957; Feb. 28.
Diaphragm, Railway car vestibule. H. H. Hendrickson. 2,169,694; Aug. 15.
Diaphragm, Railway car vestibule. E. E. Whitmore. 2,183,250; Dec. 12.
Diaphragm working by means of a photo-electric cell, a light-sensitive element, or the like, Automatic. F. B. A. Prinsen. 2,163,737; June 27.
Diaryldithiocarbamyl derivative and making the same. P. C. Jones. 2,177,547; Oct. 24.
Diazo compounds. A. R. Murphy and S. S. Rossander. 2,153,200; Apr. 4.
Diazo compounds. F. Zwilgmeyer. 2,148,146; Feb. 21.
Diazo derivatives of guanidyl acids. H. Z. Lecher, F. H. Adams, and H. P. Orem. 2,185,154; Dec. 26.
Diazo derivatives of guanidyl sulphonic acids. H. Z. Lecher and H. P. Orem. 2,185,152; Dec. 26.
Diazo derivatives of guanyl-urea-N-sulphonic acids and N-nitro guanyl-ureas. R. P. Parker. 2,154,470; Apr. 18.
Diazoamino compound. A. Schmelzer and E. Stein. 2,173,324; Sept. 19.
Diazo-amino compound and making same. J. G. Kern. 2,169,737; Aug. 15.
Diazoamino compounds. H. E. Fierz-David and W. G. Stoll. 2,166,681; July 18.
Diazoamino compounds soluble in water and preparing them. H. Kracker and R. Schmid. 2,168,800; Aug. 8.
Diazodinitrophenol and preparation of the same. L. W. Babcock. 2,155,579; Apr. 25.
Diazotype layers, Production of light-sensitive. M. P. Schmidt and G. Werner. 2,158,836; May 16.
Dibromoaminoanthraquinone compounds and products obtainable thereby, Preparation of. H. R. Lee and D. X. Klein. 2,169,196; Aug. 8.
Dice board. R. S. Robinson. 2,178,435; Oct. 31.
Dicing machine, Rotary. T. F. Hornung. 2,163,878; June 27.
Dictating machine. W. F. Feyrer. 2,152,585; Mar. 28.
Dictating machine. L. D. Norton. 2,143,819; Jan. 10.
Dictating machine. L. D. Norton. 2,181,437; Nov. 28.
Die: *See*—
Adjustable printing die.
Cutting die.
Drawing and extrusion die.
Duplex die.
Edge cutting die.
Engraving die.
Lens die.
Molding or shaping die.
Threading die.
Traveling rotary die.
Wire drawing die.
Die. A. W. Altvater. 2,175,725; Oct. 10.
Die. T. A. Bowers. 2,172,044; Sept. 5.
Die. F. W. Bowie and A. S. Lieb. 2,160,427; May 30.
Die. B. W. Freeman. 2,164,452; July 4.
Die. L. G. Freeman, Jr. 2,183,038; Dec. 12.
Die. A. H. Haberstump and A. J. Jarosik. 2,169,798; Aug. 15.
Die. L. J. Most. 2,178,803; Nov. 7.
Die. A. F. Randall. 2,185,094; Dec. 26.
Die. H. Rosenberg. 2,165,008; July 4.
Die. F. E. White. 2,175,723; Oct. 10.
Die and holder therefor, Screw-threading. M. A. Slotta. 2,152,711; Apr. 4.
Die and method of forming. H. C. Wyland. 2,171,323; Aug. 29.
Die and method, Wire-drawing. H. Blount. 2,146,788; Feb. 14.
Die and producing nonsinuous threads, Nonrhythmic thread cutting. W. S. Knight and S. Webb. 2,174,467; Sept. 26.
Die and tap wrench. C. W. West. 2,159,680; May 23.
Die and the art of forming anchorage instruments. H. Rosenberg. 2,165,009; July 4.
Die apparatus for cutting blanks, Cylindrical. C. H. Johanson. 2,144,980; Jan. 24.
Die assembly for forming hollow metal articles. F. B. Wendel. 2,183,702; Dec. 19.
Die casting machine. W. J. During. 2,155,643; Apr. 25.
Die-casting machine. F. Lannert. 2,171,628; Sept. 5.
Die casting machine. A. Littmann. 2,172,798; Sept. 12.
Die casting machine. R. J. Schultz. 2,161,534; June 6.
Die casting machine. M. Stern. 2,145,956; Feb. 7.
Die casting machine. J. Vontobel. 2,183,112; Dec. 12.
Die construction for making nonsplitting nails. H. S. Stronach. 2,175,228; Oct. 10.
Die elements, Treating and assembling. L. V. and S. A. Whistler. 2,183,800; Dec. 19.
Die fitting machine. R. W. Glasner and E. K. Johansen. 2,155,482; Apr. 25.
Die for fastening sleeves on cables or rods. E. I. Schwarz. 2,144,231; Jan. 17.
Die for forming and knurling sheet metal can tops. W. G. Plumb. 2,177,027; Oct. 24.
Die for shaping tubes, Forming. H. G. Dewey. 2,158,176; May 16.
Die-forming parts, Method of. G. A. Lyon. 2,163,003; June 20.
Die-forming parts, Method of and apparatus for. G. A. Lyon. 2,162,731; June 20.
Die head. S. W. Mathias and M. A. Hollengreen. 2,154,006; Apr. 11.
Die holder. E. S. Cornell, Jr. 2,174,970; Oct. 3.
Die mechanism. A. C. Arbogast. 2,168,641; Aug. 8.
Die plates and other castings and product thereof, Making hot molding. H. K. Ihrig. 2,163,753; June 27.
Die quenching device. H. F. Temple. 2,176,845; Oct. 17.
Die set. W. Kiwi. 2,151,119; Mar. 21.
Die sinker, Universal. J. M. Rusnak. 2,183,172; Dec. 12.
Die spotting press. R. W. Dinzl. 2,177,821; Oct. 31.
Die stock. J. L. Fox. 2,145,762; Jan. 31.
Die stock and making cutting dies. C. E. Martin. 2,160,437; May 30.
Die stock and tap wrench. H. J. Smith. 2,153,054; Apr. 4.

Dies and blade stock therefor, Making cutting. G. A. Sweet. 2,170,166; Aug. 22.
Dies and other articles, Making wire drawing. L. Simons. 2,151,874; Mar. 28.
Dies for printing machines, Signature and other printing. H. T. and W. A. Buck. 2,169,676; Aug. 15.
Dies, Making. P. C. Abouchar. 2,182,775; Dec. 12.
Dies, Making. C. G. Deubel. 2,167,880; Aug. 1.
Dies, Method of and apparatus for treating. H. Blount. 2,149,330; Mar. 7.
Dielectric composition. A. A. Levine and O. W. Cass. 2,171,855; Sept. 5.
Dielectric device. R. G. Guthrie and O. J. Wilbor. 2,166,139; July 18.
Dielectric materials, Method and apparatus for heating. A. C. Keller. 2,179,261; Nov. 7.
Dielectrics, Method of and apparatus for determining characteristics of. I. M. Stein. 2,178,617; Nov. 7.
Dielectrolytic condenser. P. Dubilier. 2,151,504; Mar. 21.
Diesel engine. J. Barraja-Frauenfelder. 2,159,197; May 23.
Diesel engine. J. W. Lutz. 2,151,218; Mar. 21.
Diesel engine, Crankless. F. J. Fette. 2,149,591; Mar. 7.
Diesel engine, Double-acting two-cycle. C. G. Curtis. 2,184,093; Dec. 19.
Diesters of unsaturated glycols and preparing the same. A. W. Ralston and W. M. Selby. 2,157,144; May 9.
Diethers or ether-esters, Production of alkylidene. M. Mueller-Cunradi and K. Pieroh. 2,165,962; July 11.
Differential. C. V. Dickerson. 2,175,684; Oct. 10.
Differential. W. C. Witherly. 2,146,165; Feb. 7.
Differential fluid pressure line control. G. E. Miller. 2,179,267; Nov. 7.
Differential mechanism. A. L. Barnes. 2,150,312; Mar. 14.
Differential mechanism. C. E. Frederickson. 2,175,520; Oct. 10.
Differential mechanism. E. Ruspoli. 2,154,701; Apr. 18.
Differential mechanism. F. W. Seeck. 2,158,157; May 16.
Differential mechanism. F. W. Seeck. 2,178,613; Nov. 7.
Differential protection means. R. I. Ward. 2,147,781; Feb. 21.
Differential, Two-speed. I. B. Holtz. 2,152,409; Mar. 28.
Differential vapor pressure apparatus. P. Okey. 2,143,795; Jan. 10.
Diffraction method of and apparatus for color photography. S. B. Grimson. 2,164,062; June 27.
Diffuser for centrifugal compressors. S. A. Moss. 2,157,002; May 2.
Diffuser of vaporous liquids. A. T. Rooch. 2,166,969; July 25.
Diffusion control, Method and apparatus for. L. D. Drake. 2,148,445; Feb. 28.
Di-(γ-chloro-hydroxy-propyl) arylamines, Manufacture of. H. Lange. 2,150,001; Mar. 7.
Digester apparatus. W. H. Shipman. 2,156,643; May 2.
Digester top relief screen. P. Boehm. 2,172,120; Sept. 5.
Digger, Ditch. F. F. Paris and R. L. Kerns. 2,148,171; Feb. 21.
Digger, Post hole. A. B. Crozier. 2,166,395; July 18.
Digger, Potato. C. L. Cook. 2,172,435; Sept. 12.
Digger, Potato. A. E. W. Johnson and L. H. Kaupke. 2,146,898; Feb. 14.
Digger, Potato. J. Reuther. 2,165,653; July 11.
Digger, Trench. O. Werner and J. Helenek. 2,169,716; Aug. 15.
Digging implement. L. D. Miller. 2,173,947; Sept. 26.
Digging machine, Bulb. A. De Vries. 2,168,966; Aug. 8.
Dihalogen quinizarins. E. C. Buxbaum. 2,181,046; Nov. 21.
Di-halogen substituted A-(P-hydroxyphenyl)-a-amino-acetic acid hydrohalides of the same, and their production. O. Dalmer and J. Niemann. 2,145,249; Jan. 31.
Dihydrobenzocarbazole compounds. H. Morschel and O. Goll. 2,161,524; June 6.
Dilating and massaging device, Combined. T. R. Hayton. 2,153,753; Apr. 11.
Dilatometer. H. Riepert. 2,142,802; Jan. 3.
Dilator, Thermal. W. N. McConkey. 2,168,427; Aug. 8.
Diluent, Dielectric. A. A. Levine and O. W. Cass. 2,174,289; Sept. 26.
Dimmer switch. J. R. Thorp and H. W. Marsh. 2,162,136; June 13.
Dining table. A. Fasce. 2,171,084; Aug. 29.
Dinitriles, Hydrogenation of aliphatic. B. W. Howk. 2,166,152; July 18.
Dinitriles, Preparation of aliphatic. F. K. Signaigo. 2,166,183; July 18.
Dinitriles, Preparation of aromatic. A. G. Deem and W. A. Lazier. 2,149,280; Mar. 7.
Dinitriles to diamides, Catalytic hydrogenation of. B. W. Howk. 2,166,150; July 18.
Dinitroethyleneurea, Preparation of. H. A. Aaronson. 2,149,260; Mar. 7.
Diode detector, Compensated. A. W. Barber. 2,181,469; Nov. 28.
Diode, Double. G. F. Elston. 2,181,080; Nov. 21.
Diolefin polymerization process. J. Harmon. 2,151,382; Mar. 21.
Diolefins, Manufacture of. A. V. Grosse. 2,178,584; Nov. 7.
Diolefins, Manufacture of. J. C. Morrell. 2,178,601; Nov. 7.
Diolefins, Manufacture of. J. C. Morrell and A. V. Grosse. 2,178,602; Nov. 7.
Dip, Bright. R. O. Hull. 2,154,451; Apr. 18.
Dip, Bright. F. F. Oplinger. 2,154,468–9; Apr. 18.
Dip, Cadmium bright. R. J. Kepfer. 2,154,455; Apr. 18.
Dip-soldering. W. P. Carroll and D. S. Kondrat. 2,161,556; June 6.
Diphenyl compositions, Substituted. H. J. Krase. 2,172,391; Sept. 12.
Di-phenyl mono-ortho-chlorphenyl phosphite. C. L. Moyle. 2,170,833; Aug. 29.
Diphenyloxide, Alkylated. G. H. Coleman and R. P. Perkins. 2,170,809; Aug. 29.
Dipper. A. W. Daniels. 2,180,348; Nov. 21.
Dipper, Ice cream. L. Biskup. 2,158,813; May 9.
Dipper, Ice cream. R. J. Price. 2,165,941; July 11.
Dipper or dispenser, Ice cream. R. M. Shultz. 2,171,606; Sept. 5.
Dipper trip and tag line winder. G. G. Morin and E. J. Carleton. 2,167,769; Aug. 1.
Dipper trip control. G. E. Miller. 2,152,907; Apr. 4.
Dipper trip, Electrically operated. W. W. Stevens. 2,164,126; June 27.
Dipping and measuring apparatus. H. Siemund. 2,178,524; Oct. 31.
Dipping machine. G. Stolze. 2,156,204; Apr. 25.
Direct-current arc-welding generator. E. E. Tisza and J. Tyrner. 2,180,700; Nov. 21.
Direct-current generator for arc welding. E. E. Tisza and J. Tyrner. 2,163,417; June 20.
Direct current motor. F. Lauck. 2,163,528; June 20.
Direction control device. W. R. Koch. 2,165,800; July 11.
Direction control mechanism for well drilling tools. J. H. Schumacher and W. C. George. 2,153,680; Apr. 11.
Direction finder. W. Beuermann. 2,145,286; Jan. 31.
Direction finder. P. Hermanspann. 2,170,860; Aug. 29.
Direction finder. F. W. Sullinger. 2,166,100; July 11.
Direction finder. F. W. Sullinger. 2,174,015–6; Sept. 26.
Direction finder. F. W. Sullinger and H. C. Leuteritz. 2,174,014; Sept. 26.
Direction finder or course indicator. J. Steinhoff. 2,182,950; Dec. 12.
Direction finding arrangement. E. Kramar. 2,170,659; Aug. 22.
Direction finding system. K. Fritz. 2,160,135; May 30.
Direction finding system. G. Guanella. 2,166,991; July 25.
Direction finding system. R. J. Kemp. 2,150,551; Mar. 14.
Direction finding system. G. W. Pickard. 2,155,838; Apr. 25.
Direction, Indicating. L. C. F. Horle. 2,159,159; May 23.
Direction indicating device for motor vehicles. C. F. Bierbach. 2,150,906–7; Mar. 21.
Direction indicating device for motor vehicles. C. F. Bierbach. 2,173,512–3; Sept. 19.
Direction indicating device for motor vehicles. H. J. Doolan. 2,146,468; Feb. 7.
Direction indicator. E. C. Horton. 2,147,406; Feb. 14.
Direction indicator. W. A. Jacobus. 2,170,370; Aug. 22.
Direction indicator. V. M. Lyle. 2,142,905; Jan. 3.
Direction indicator. W. E. Oshei. 2,179,344; Nov. 7.
Direction indicator for automobiles. J. Lane. 2,179,639; Nov. 14.
Direction indicator for vehicles. C. W. Hall. 2,179,889; Nov. 14.
Direction indicator for vehicles. W. P. MacMicking. 2,152,355; Mar. 28.
Direction signal. F. W. Grice. 2,175,289; Oct. 10.
Direction signal lamp. H. J. Sauer. 2,175,918; Oct. 10.
Direction turn indicator for vehicles. C. M. Roan, O. E. Kaupang, and A. W. Rohlen. 2,144,813; Jan. 24.
Direction turn indicator for vehicles. C. M. Roan, O. E. Kaupang, and A. W. Rohlen. 2,155,617; Apr. 25.
Directional control and stabilizing apparatus. J. T. Rydberg. 2,170,731; Aug. 22.
Directional indication and control. L. de Florez. 2,162,940; June 20.
Disazo dyestuffs insoluble in water and fiber dyed therewith. H. Heyna and P. Jörg. 2,153,018; Apr. 4.
Discharge apparatus. J. F. Peters. 2,151,796; Mar. 28.
Discharge apparatus, Demountable. E. D. McArthur and H. E. Rowe. 2,169,879; Aug. 15.
Discharge apparatus, Electric. J. W. Dawson. 2,157,888; May 9.
Discharge apparatus, Electric. S. J. Mikina, K. A. Oplinger, W. O. Osbon, and S. Sentipal. 2,155,280; Apr. 18.
Discharge apparatus, Electric. J. Slepian. 2,169,031; Aug. 8.
Discharge apparatus, Electric. R. N. Stoddard. 2,157,925; May 9.
Discharge apparatus, Electric. E. H. Vedder. 2,156,886; May 2.
Discharge device. F. H. A. Brandt. 2,164,307; July 4.
Discharge device. E. Germer. 2,166,951; July 25.
Discharge device. L. D. Miles. 2,152,201; Mar. 28.
Discharge device. O. W. Pike. 2,170,695; Aug. 22.
Discharge device. H. J. Spanner. 2,159,824; May 23.
Discharge device and electrode. G. A. Freeman. 2,171,234; Aug. 29.

Discharge device and electrode. D. S. Gustin. 2,171,238; Aug. 29.
Discharge device and seal therefor, Electric. T. A. Elder and A. C. Gable. 2,174,382; Sept. 26.
Discharge device, Electric. O. Baier and A. Katsch. 2,156,048; Apr. 25.
Discharge device, Electric. L. F. Perrott. 2,155,237; Apr. 18.
Discharge device, Electric. L. Smede. 2,157,924; May 9.
Discharge device, Electric. V. K. Zworykin and L. Malter. 2,150,573; Mar. 14.
Discharge device for casting machines. L. H. Morin. 2,145,553; Jan. 31.
Discharge device for centrifugal separators, Regulable and power consuming reducing. K. J. Svensson. 2,169,300; Aug. 15.
Discharge device for fluid containers. H. M. Salmond, A. Mathisen, G. Palmer, and H. D. E. Goodall. 2,143,133; Jan. 10.
Discharge device having a filling of gas or vapor, Electric. E. Friederich. 2,145,180; Jan. 24.
Discharge device, High voltage and high vacuum. S. Hirsch. 2,168,872; Aug. 8.
Discharge device, Pool-type. J. M. Cage. 2,160,583; May 30.
Discharge device, Pool type. G. Dobke. 2,147,484; Feb. 14.
Discharge device, Pool-type. J. H. Hutchings. 2,175,894; Oct. 10.
Discharge device, Pool-type. L. D. Miles. 2,175,908; Oct. 10.
Discharge devices, Arrangement for operating high-pressure metal vapor. V. J. Francis. 2,177,704; Oct. 31.
Discharge devices, Electron. G. M. Rose, Jr. 2,167,852; Aug. 1.
Discharge from centrifugal separators, Regulating. H. O
Discharge-gap device. J. K. Hodnette and A. D. Forbes. 2,151,763; Mar. 28.
Discharge means for meat cutting machines. A. C. Van Hooydonk. 2,177,555; Oct. 24.
Discharge tube. W. Espe. 2,164,507; July 4.
Discharge tube. A. Katsch. 2,173,906; Sept. 26.
Discharge tube and making same. J. H. van der Tuuk and A. Verhoeff. 2,154,368; Apr. 11.
Discharge tube, Mercury cathode. H. Lems. 2,151,979; Mar. 28.
Discharge tube, Parallel connected gas filled. G. Zecher. 2,162,597; June 13.
Discharge tube, Rare gas electric. H. Schmellenmeier. 2,143,526; Jan. 10.
Discharger for centrifugal machines. P. van Riel. 2,171,839; Sept. 5.
Lindgren. 2,174,272; Sept. 26.
Discharging means for flush tanks. J. L. McBride. 2,169,845; Aug. 15.
Disclosing solution. D. V. Bender. 2,151,495; Mar. 21.
Disconnect switch. A. M. de Bellis. 2,164,231; June 27.
Disconnecting device. C. H. Walsh. 2,175,328; Oct. 10.
Disconnecting switch. R. C. Dickinson. 2,167,499; July 25.
Disconnecting switch. C. G. Koppitz. 2,171,182; Aug. 29.
Disconnecting switch. J. S. Thompson. 2,149,642; Mar. 7.
Diseases, Treating periodontal. J. L. Sisson. 2,167,467; July 25.
Dish draining rack. D. H. Bitney. 2,163,865; June 27.
Dish, Petri. C. C. Carpenter. 2,144,255; Jan. 17.
Dish rack. M. L. Atlas. 2,151,068; Mar. 21.
Dish structure. A. T. Kieft. 2,172,140; Sept. 5.
Dish structure support. A. T. Kieft. 2,144,159; Jan. 17
Dishcloth and scraper, Convertible. M. M. Cohen. 2,179,614; Nov. 14.
Disher. P. F. Donahue. 2,155,700; Apr. 25.
Dishes and apparatus for practicing same, Washing and drying. C. Ehret. 2,155,220; Apr. 18.
Dishwasher. S. Olson. 2,143,165; Jan. 10.
Dishwasher. C. Walker. 2,184,204; Dec. 19.
Dishwasher, Cabinet. E. S. Stoddard. 2,143,039; Jan. 10.
Dishwashing and sterilizing machine. J. D. Lewis. 2,177,219; Oct. 24.
Dishwashing apparatus. G. T. Fielding. 2,153,303; Apr. 4.
Dishwashing machine. G. K. Ballentine. 2,152,455; Mar. 28.
Dishwashing machine. A. N. Beaubien. 2,182,978; Dec. 12.
Dishwashing machine. T. E. D. Bilde. 2,154,559; Apr. 18.
Dishwashing machine. B. W. Jones. 2,155,272; Apr. 18.
Dishwashing machine. J. H. Klinger. 2,156,949; May 2.
Dishwashing machine. R. Pauly and E. Osterberg. 2,155,868; Apr. 25.
Dishwashing machine. F. G. Walker. 2,153,322; Apr. 4.
Dishwashing machine. U. S. G. Welsh. 2,167,540; July 25.
Dishwashing machine, Automatic. M. A. Voris. 2,181,983; Dec. 5.
Disinfectant pad. E. B. Beale. 2,173,528; Sept. 19.
Disinfecting composition and making the same, Dry. M. Y. Seaton. 2,145,015; Jan. 24.
Disinfecting device, Automatic. M. Strobel. 2,180,967; Nov. 21.
Disinfecting means. W. Neugebauer. 2,155,504; Apr. 25.
Disinfecting process. W. H. Engels. 2,164,316; July 4.
Disintegrator. C. A. Rietz. 2,153,590; Apr. 11.
Disk, Abrasive. J. O. Amstuz. 2,175,073; Oct. 3.
Disk bedder. W. E. Goble. 2,143,193; Jan. 10.
Disk bedder. O. W. Sjogren and G. E. Gerold. 2,171,768; Sept. 5.
Disk brake. A. Haller. 2,180,677; Nov. 21.
Disk charge-forming apparatus. A. C. O. Bock and J. J. Ernau. 2,157,110; May 9.
Disk cutter. J. S. Burns and A. N. Emmons. 2,161,994; June 13.
Disk differential. D. S. de Lavaud. 2,179,923; Nov. 14.
Disk, Drawing. H. Unckel. 2,150,734; Mar. 14.
Disk edging machine, Rotary. H. L. Myers. Re. 21,180; Aug. 22.
Disk excavating machine, Reversible. F. B. Turnham. 2,178,731; Nov. 7.
Disk filter aid retaining medium, Hollow. J. B. Levy. 2,165,931; July 11.
Disk, Flexible abrasive. F. and J. Mitschang and J. C. Wander. 2,146,548; Feb. 7.
Disk, Friction. E. A. Wales. 2,175,418; Oct. 10.
Disk gang tiller attachment, Pulverizing. A. Wagner. 2,177,423; Oct. 24.
Disk, Grinding. H. Hipple. 2,173,555; Sept. 19.
Disk harrow. L. Brenneis, C. L. Najera, and J. F. Schuck. 2,166,678; July 18.
Disk harrow. J. H. Clasen. 2,180,458; Nov. 21.
Disk harrow. C. H. White. 2,163,818; June 27.
Disk harrow, Offset. L. Sanders. 2,163,917; June 27.
Disk operating mechanism, Sector. N. H. Fayerweather. 2,166,947; July 25.
Disk, Polishing. P. W. Dempsey. 2,142,182; Jan. 3.
Disk ridger. G. Ferraro. 2,152,347; Mar. 28.
Disk structure, Ornamental. G. A. Lyon. 2,148,211; Feb. 21.
Disk structures, Making ornamental. G. A. Lyon. 2,147,661; Feb. 21.
Disk suitable for use in manufacturing circular articles, Aluminum. K. Takeda. 2,156,439; May 2.
Disk type valve. J. W. Overbeke. 2,166,875; July 18.
Disk wheel. C. L. Eksergian. 2,179,656; Nov. 14.
Disks for grinding gears with inclined teeth, Dressing rotating. H. Molly. 2,148,955; Feb. 28.
Disks, Manufacturing annular. H. Schuster. 2,154,534; Apr. 18.
Disks, Truing grinding. H. Molly. 2,148,956; Feb. 28.

Dispenser: *See*—
- Beverage dispenser.
- Beverage and liquid dispenser.
- Boiler compound dispenser.
- Cigarette dispenser.
- Collapsible tube dispenser.
- Condiment dispenser.
- Cord dispenser.
- Cover dispenser.
- Cup dispenser.
- Fluid dispenser.
- Gasoline dispenser.
- Ice cream dispenser.
- Insecticide dispenser.
- Liquid dispenser.
- Liquid dispensing dispenser.
- Magazine merchandise dispenser.
- Measuring dispenser.
- Nail-polish remover dispenser.
- Napkin dispenser.
- Paper dispenser.
- Paper roll dispenser.
- Paste dispenser.
- Powder dispenser.
- Pressure grease dispenser.
- Roll material dispenser.
- Sanitary dispenser.
- Sanitary toothpick dispenser.
- Self-measuring dispenser.
- Sugar dispenser.
- Tape dispenser.
- Tea and coffee dispenser.
- Thread dispenser.
- Toilet cream dispenser.
- Token dispenser.
- Tooth paste or shaving cream dispenser.
- Toothpick dispenser.
- Tooth powder dispenser.
- Towel dispenser.
- Twine dispenser.
- Web dispenser.

Dispenser. T. Alexander. 2,151,064; Mar. 21.
Dispenser. W. E. Amberg. 2,170,105; Aug. 22.
Dispenser. R. Bernhardt. 2,150,485; Mar. 14.
Dispenser. R. Bernhardt. 2,155,887; Apr. 25.
Dispenser. W. P. Cameron. 2,176,988; Oct. 24.
Dispenser. O. B. Clark. 2,156,527; May 2.
Dispenser. F. J. de Javannes. 2,157,282; May 9.
Dispenser. S. Hochstim. 2,180,468; Nov. 21.
Dispenser. W. Kappenberg. 2,184,253; Dec. 19.
Dispenser. W. F. Nagel. 2,160,602; May 30.
Dispenser. D. G. Puderbaugh. 2,145,779; Jan. 31.
Dispenser. L. Schultz and A. E. Maage, Jr. 2,142,827; Jan. 3.
Dispenser. E. G. Wessman. 2,150,306; Mar. 14.
Dispenser. R. Wildermann. 2,169,778; Aug. 15.
Dispenser and advertising device, Combination paper sack. I. A. Lower. 2,175,059; Oct. 3.
Dispenser and mixer, Liquid. E. R. Hacmac. 2,162,348; June 13.
Dispenser for collapsible tubes. J. H. Blake. 2,183,060; Dec. 12.
Dispenser for parcel handles. W. F. Harrison and F. H. Meyer. 2,161,415; June 6.
Dispenser for sheets. F. L. Broeren and A. S. Krueger. 2,160,412; May 30.
Dispenser for vaporizable material. H. T. Weiss. 2,180,752; Nov. 21.
Dispenser in usable condition, Maintaining a dental varnish. R. L. Fortney. 2,142,780; Jan. 3.
Dispenser with cap, Paste. W. J. Ziegler. 2,182,606; Dec. 5.
Dispensing and closing device for tablets, pills, and the like. P. Kreiten. 2,149,445; Mar. 7.

Dispensing and display stand. C. A. Durofchalk. 2,144,716; Jan. 24.
Dispensing and displaying means for narrow fabrics. B. J. Goldsmith. 2,181,808; Nov. 28.
Dispensing and packaging device for fluids. M. C. Schwab. 2,156,313; May 2.
Dispensing apparatus. S. F. Anderson. 2,150,479; Mar. 14.
Dispensing apparatus. C. S. Beatty. 2,145,965; Feb. 7.
Dispensing apparatus. G. A. Blake. 2,163,081; June 20.
Dispensing apparatus. J. F. Cook, Jr., and J. B. Moore. 2,150,025; Mar. 7.
Dispensing apparatus. H. P. Folker. 2,169,445; Aug. 15.
Dispensing apparatus. R. H. Phinney and G. Du Bon. 2,149,099; Feb. 28.
Dispensing apparatus. P. H. Richert. 2,161,090; June 6.
Dispensing apparatus. G. S. Rogers. 2,179,729; Nov. 14.
Dispensing apparatus. R. W. Warner, A. C. Woodruff, and H. Smalley. 2,174,712; Oct. 3.
Dispensing apparatus, Controlling device for liquid. E. M. Orbeck. 2,143,571; Jan. 10.
Dispensing apparatus for beverages. L. G. Bates. 2,154,393; Apr. 11.
Dispensing apparatus for filling stations. D. D. Hogarth. 2,169,529; Aug. 15.
Dispensing apparatus for knives and like articles. R. H. Phinney. 2,149,098; Feb. 28.
Dispensing apparatus, Portable. C. R. Yirava. 2,158,347; May 16.
Dispensing attachment for collapsible tubes. C. S. Mann. 2,158,333; May 16.
Dispensing box. M. P. Kennedy. 2,145,181; Jan. 24.
Dispensing cap. R. E. Salvesen. 2,169,501; Aug. 15.
Dispensing cap. F. A. Wilder and L. E. Reagan. 2,177,161; Oct. 24.
Dispensing container. D. Bensel. 2,172,930; Sept. 12.
Dispensing container. D. O. Blett. 2,163,974; June 27.
Dispening container. R. A. Brodesser. 2,157,476; May 9.
Dispensing container. W. W. Dunnell. 2,155,084; Apr. 18.
Dispensing container. J. Hohl and C. P. Whittier. 2,167,437; July 25.
Dispensing container. C. S. Humphrey. 2,149,698; Mar. 7.
Dispensing container. C. C. Morrison. 2,152,600; Mar. 28.
Dispensing container. R. Nyden. 2,152,270–1; Mar. 28.
Dispensing container. J. H. Ruth. 2,172,547; Sept. 12.
Dispensing container. V. F. Volk. 2,156,366; May 2.
Dispensing container, Nonpouring self-measuring. J. E. Wheatley. 2,170,173; Aug. 22.
Dispensing device. J. W. Boisseau. 2,184,830; Dec. 26.
Dispensing device. W. E. Doughty. 2,179,688; Nov. 14.
Dispensing device. J. W. Gallo. 2,173,253; Sept. 19.
Dispensing device. A. Geria. 2,176,736; Oct. 17.
Dispensing device. W. F. Grant. 2,180,004; Nov. 14.
Dispensing device. R. K. Hopkins. 2,174,175; Sept. 26.
Dispensing device. J. H. Horstman. 2,161,048–9; June 6.
Dispensing device. W. I. Hylton and J. Josinsky. 2,155,191; Apr. 18.
Dispensing device. H. H. Johnson. 2,151,115; Mar. 21.
Dispensing device. F. A. Lewis. 2,173,537; Sept. 19.
Dispensing device. V. Mancini. 2,146,640; Feb. 7.
Dispensing device. G. Mills. 2,154,346; Apr. 11.
Dispensing device. L. Myers. 2,174,388; Sept. 26.
Dispensing device. H. L. Roberts. 2,146,316; Feb. 7.
Dispensing valve. L. B. Schwarcz. 2,184,439; Dec. 26.
Dispensing device. M. Theodore. 2,158,916; May 16.
Dispensing device. E. E. Tourot. 2,157,778; May 9.
Dispensing device. W. M. Venable. 2,184,172; Dec. 19.
Dispensing device. A. L. Watson. 2,145,563; Jan. 31.
Dispensing device. P. A. Wooster. 2,175,141; Oct. 3.
Dispensing device. P. A. Wooster. 2,181,826; Nov. 28.
Dispensing device for hairpins and the like. S. Katz. 2,167,241; July 25.
Dispensing device for sheet rubber deposited from an aqueous dispersion of rubber, and forming and using same. L. G. Copeman. Re. 21,065; May 2.
Dispensing device with regulated measuring means. L. J. Rose. 2,176,562; Oct. 17.
Dispensing fitting for containers. A. J. Chamberlain. 2,143,860; Jan. 17.
Dispensing head for collapsible tubes. A. W. Schrader. 2,143,661; Jan. 10.
Dispensing machine. F. W. Hoban. 2,157,207; May 9.
Dispensing machine. C. Z. Sutton. 2,174,539; Oct. 3.
Dispensing mechanism. P. Hart. 2,147,252; Feb. 14.
Dispensing mechanism. J. L. Myers. 2,174,423; Sept. 26.
Dispensing rack. P. Milton. 2,180,641; Nov. 21.
Dispensing receptacle. C. L. Gebauer. 2,171,501; Aug. 29.
Dispensing system and apparatus, Beverage. W. C. Buttner. 2,168,059; Aug. 1.
Dispensing tank, Portable. M. J. Beale. 2,181,006; Nov. 21.
Dispensing valve. R. Sica. 2,170,619; Aug. 22.
Dispensing unit for paper sheets. N. G. Thor. 2,142,808; Jan. 3.
Dispersing agent and making the same. A. E. Catanach and E. Kolthoff. 2,181,449; Nov. 28.
Dispersion and producing the same. P. E. Marling and C. A. Thomas. 2,176,219; Oct. 17.
Dispersion apparatus. E. C. de Stubner. 2,148,608; Feb. 28.
Dispersion of one fluid in another fluid, Creating a. R. G. Guthrie and O. J. Wilbor. 2,183,071; Dec. 12.
Dispersions. H. A. Winkelmann. 2,174,673; Oct. 3.
Dispersions of coal and oil, Preparing. S. Kiesskalt, H. Tampke, K. Winnacker, and E. Weingaertner. 2,162,200; June 13.
Dispersions, Process for coagulating. W. S. Calcott and M. A. Youker. 2,161,949; June 13.
Dispersions, Treatment of. J. O. Samuel. 2,149,748; Mar. 7.
Displacement dipper pump. N. S. Serinis. 2,167,690; Aug. 1.
Displacements, Apparatus for the detection of. R. Gunn. 2,155,419–20; Apr. 25.
Display. C. W. Otis. 2,174,446; Sept. 26.
Display. R. N. Wallach. 2,170,701; Aug. 22.
Display, Advertising. W. Otto. 2,152,495; Mar. 28.
Display, Advertising. H. H. Patterson. 2,145,457; Jan. 31.
Display, advertising, and propaganda device. M. Todd. 2,146,386; Feb. 7.
Display and demonstration device. W. P. Gibbons. 2,178,255; Oct. 31.
Display and retainer device. G. E. Noel. 2,149,978; Mar. 7.
Display, Animated. C. H. Kraemer. 2,146,192; Feb. 7.
Display apparatus. M. E. Brink. 2,157,397; May 9.
Display apparatus. D. A. Chambers. 2,176,329; Oct. 17.
Display apparatus. W. Citron. 2,174,068; Sept. 26.
Display apparatus. M. Cooper. 2,157,400; May 9.
Display apparatus. R. H. Geiser. 2,173,329; Sept. 19.
Display apparatus. C. J. Henderson. 2,144,407; Jan. 17.
Display apparatus. O. Janzen. 2,151,600; Mar. 21.
Display apparatus. G. L. Lee. 2,182,441; Dec. 5.
Display apparatus. H. C. Pearl. 2,148,172; Feb. 21.
Display apparatus. F. H. Rasmussen. 2,147,317; Feb. 14.
Display apparatus. S. E. and W. B. Scace. 2,153,346; Apr. 4.
Display apparatus. C. L. Walker. 2,151,877; Mar. 28.
Display apparatus and method. A. V. Bedford. 2,174,561; Oct. 3.
Display apparatus, Merchandise. B. H. Bonnar. 2,155,583; Apr. 25.
Display background construction. H. H. Moore. 2,163,259; June 20.
Display block. W. E. Longenecker. 2,175,942; Oct. 10.
Display board operating system. B. E. Shaw. 2,173,400; Sept. 19.
Display box. J. K. Darragh. 2,159,887; May 23.
Display box. J. M. Shields. 2,178,652; Nov. 7.
Display cabinet. W. M. Simpson. 2,149,105; Feb. 28.
Display case. W. Ardito. 2,181,637; Nov. 28.
Display case. F. D. MacMaster. 2,169,347; Aug. 15.
Display case. T. J. Pilliod and F. C. H. Müller. 2,163,008; June 20.
Display case, Illuminated. J. S. Hill. 2,148,159; Feb. 21.
Display, Collapsible illuminated. F. A. Sunderhauf. 2,148,179; Feb. 21.
Display, Collapsible pasteboard advertising. S. J. Katz. 2,144,594; Jan. 17.
Display container. M. H. Baldwin. 2,163,138; June 20.
Display container. R. E. Lowey and E. C. Potter. 2,179,075; Nov. 7.
Display container. C. W. Luchte. 2,176,768; Oct. 17.
Display container. P. Roberts. 2,168,240; Aug. 1.
Display device. P. Berger. 2,175,242; Oct. 10.
Display device. C. W. Boston. 2,154,658; Apr. 18.
Display device. A. R. Botham. 2,146,702; Feb. 7.
Display device. H. Chase and H. W. Waldorf. 2,169,679; Aug. 15.
Display device. L. W. Chubb. 2,169,022; Aug. 8.
Display device. John and Joseph Ciofalo. 2,176,047; Oct. 17.
Display device. J. S. Connors. 2,155,699; Apr. 25.
Display device. M. Cooper. 2,146,173; Feb. 7.
Display device. F. C. Cooper. 2,150,712; Mar. 14.
Display device. H. S. Falkoff. 2,179,884; Nov. 14.
Display device. J. O. Fawcett. 2,154,087; Apr. 11.
Display device. S. Fisher. 2,162,998; June 20.
Display device. J. A. Fletcher. 2,160,724; May 30.
Display device. A. Freedman and S. Kislevitz. 2,173,251; Sept. 19.
Display device. W. H. Gerth. 2,144,968; Jan. 24.
Display device. H. A. Hart. 2,183,426; Dec. 12.
Display device. G. Haumann. 2,145,599; Jan. 31.
Display device. R. Heinz. 2,155,190; Apr. 18.
Display device. A. W. Janke. 2,185,086; Dec. 26.
Display device. A. Janowitz. 2,148,624; Feb. 28.
Display device. R. L. Joyce. 2,174,942; Oct. 3.
Display device. S. Kislevitz. 2,171,656; Sept. 5.
Display device. F. Kroner. 2,149,780; Mar. 7.
Display device. E. H. Land. 2,146,962; Feb. 14.
Display device. R. J. Mancuso. 2,150,743; Mar. 14.
Display device. R. J. Mancuso. 2,154,911; Apr. 18.
Display device. B. S. Nash. 2,177,497; Oct. 24.

Display device. F. L. Page and J. K. Jayne. 2,165,724; July 11.
Display device. A. D. Park. 2,179,828; Nov. 14.
Display device. A. Parks. 2,154,109–10; Apr. 11.
Display device. W. S. Pearson. 2,150,748; Mar. 14.
Display device. P. M. Ressinger. 2,147,716; Feb. 21.
Display device. R. M. Riley. 2,177,947; Oct. 31.
Display device. C. Roberts. 2,155,619; Apr. 25.
Display device. P. Rosenblatt. 2,162,897; June 20.
Display device. P. Rosenblatt. 2,182,570; Dec. 5.
Display device. N. and F. E. L. Sandor. 2,161,982; June 13.
Display device. E. Schwartz. 2,144,512; Jan. 17.
Display device. C. J. Sipior. 2,163,329; June 20.
Display device. L. K. Thorman. 2,153,976; Apr. 11.
Display device. G. W. Turnbull. 2,146,387; Feb. 7.
Display device. E. M. Turner. 2,159,461; May 23.
Display device. V. L. Vendope. 2,156,553; May 2.
Display device. E. Wagner. 2,158,343; May 16.
Display device. E. Weil. 2,145,999; Feb. 7.
Display device. G. S. Whidden. 2,150,854; Mar. 14.
Display device. E. Whitmyre. 2,163,523; June 20.
Display device. C. R. Wooten. 2,183,705; Dec. 19.
Display device. E. S. Yancey. 2,166,835; July 18.
Display device. P. H. Young. 2,175,789; Oct. 10.
Display device and holder for neckties. T. H. Jenkins. 2,177,181; Oct. 24.
Display device, Articulated. C. E. Staudt. 2,166,572; July 18.
Display device employing polarized light. E. H. Land. 2,158,129; May 16.
Display device employing polarized light. E. H. Land. 2,165,974; July 11.
Display device employing polarized light. E. H. Land. 2,174,270; Sept. 26.
Display device for elongate articles. S. E. Maves. 2,181,459; Nov. 28.
Display device, Frame or knock-down. J. L. Viscount. 2,146,318; Feb. 7.
Display device, Illuminated. W. W. Hays. 2,152,844; Apr. 4.
Display device, Knock-down. C. L. Gilbert. 2,149,959; Mar. 7.
Display device, Movable. W. Dickinson. 2,144,835; Jan. 24.
Display device, Ornamental. L. L. Greneker. 2,165,474; July 11.
Display device, Portable. D. Press. 2,145,030; Jan. 24.
Display figure. L. L. Greneker. 2,165,473; July 11.
Display fixture. H. A. Jenkins. 2,163,093; June 20.
Display fixture. M. D. Mendle. 2,155,097; Apr. 18.
Display, Folding. H. Ziemmerman. 2,147,132; Feb. 14.
Display form. F. E. Everson. 2,168,063; Aug. 1.
Display frame, Folding. H. Ziemmerman. 2,181,827; Nov. 28.
Display head. L. L. Greneker. 2,165,476; July 11.
Display holder. H. H. Foster. 2,149,431; Mar. 7.
Display holder, Advertising. J. P. Roselló. 2,142,826; Jan. 3.
Display hydrator cabinet. M. C. Durszewicz. 2,174,124; Sept. 26.
Display machinery. G. M. Lockwood and O. H. Schoenberger. 2,181,021; Nov. 21.
Display machinery. O. H. Schoenberger. 2,151,303; Mar. 21.
Display mechanism, Advertising. T. Veitch. 2,168,723; Aug. 8.
Display, Method of and apparatus for illuminating a chromatically variegated. H. Armstrong and R. S. S. Jones. 2,154,829; Apr. 18.
Display package. N. A. Petter. 2,143,957; Jan. 17.
Display rack. K. E. Baker. 2,174,715; Oct. 3.
Display rack. P. J. Bauer. 2,173,152; Sept. 19.
Display rack. D. H. Bitney. 2,163,866; June 27.
Display rack. E. R. Erickson. 2,146,112; Feb. 7.
Display rack. E. R. Erickson. 2,174,104; Sept. 26.
Display rack. W. E. Hull. 2,160,102; May 30.
Display rack. J. Kroman. 2,153,422; Apr. 4.
Display rack. L. L. Levering. 2,165,108; July 4.
Display rack. G. C. Macdonald. 2,171,035; Aug. 29.
Display rack. W. A. Ryan. 2,173,917; Sept. 26.
Display rack. E. E. Sullivan. 2,166,708; July 18.
Display rack, Basket. G. C. Gregory. 2,148,548; Feb. 28.
Display rack, Merchandise. M. A. Wolf. 2,160,050; May 30.
Display rack, Portable. J. Stannard. 2,159,233; May 23.
Display receptacle. J. and J. Ciofalo. 2,166,422; July 18.
Display sign. W. L. Belknap and E. L. Meyer. 2,152,623; Apr. 4.
Display sign. W. D. Brown. 2,173,197; Sept 19.
Display sign. G. H. Evans. 2,177,640; Oct. 31.
Display sign. G. H. Evans. 2,182,147; Dec. 5.
Display sign. J. H. Hammond, Jr. 2,164,917; July 4.
Display sign. B. N. Reamer. 2,146,986; Feb. 14.
Display sign. B. N. Reamer. 2,183,942; Dec. 19.
Display sign. B. Roberts. 2,155,618; Apr. 25.
Display sign, Illuminated shelf. A. C. Fletcher. 2,153,797; Apr. 11.
Display stand. E. Baldeck. 2,143,592; Jan. 10.
Display stand. H. Brownstein. 2,167,198; July 25.
Display stand. W. T. Cox and R. B. Mitchell. 2,174,689; Oct. 3.
Display stand. L. C. Galton. 2,162,576; June 13.
Display stand. C. H. Goodyear. 2,164,454; July 4.
Display stand. G. J. Hopkins. 2,175,839; Oct. 10.
Display stand. F. G. Jewett and M. V. Odquist. 2,153,566; Apr. 11.
Display stand. A. Pasquini. 2,173,658; Sept. 19.
Display stand. J. F. Smith. 2,180,125; Nov. 14.
Display stand. F. C. Stocker. 2,170,356; Aug. 22.
Display stand. G. F. Wales. 2,147,869; Feb. 21.
Display stand. W. B. West. 2,143,396; Jan. 10.
Display structure. L. L. Greneker. 2,165,475; July 11.
Displayer, Portable. A. M. Barrett. 2,159,612; May 23.
Displays, Method of and apparatus for illuminating. H. Armstrong. 2,178,462; Oct. 31.
Dissector tube. P. T. Farnsworth. 2,153,918; Apr. 11.
Distance by means of radiated wares, Determining. A. Alford. 2,147,810; Feb. 21.
Distance gauge, Adjustable stopping. O. Rolfson. 2,175,129; Oct. 3.
Distance measuring apparatus. E. W. Smith. 2,143,035; Jan. 10.
Distance, System and method of determining. R. B. Hearn. 2,144,843; Jan. 24.
Distances and indicating routes on maps or charts, Apparatus for measuring. P. H. Thorpe. 2,144,746; Jan. 24.
Distillation. B. G. Aldridge and E. G. Ragatz. 2,151,310; Mar. 21.
Distillation. B. G. Aldridge and E. G. Ragatz. 2,160,256; May 30.
Distillation. E. M. Frankel and A. Pollak. 2,143,344; Jan. 10.
Distillation and tractionation process and apparatus. D. G. Brandt. 2,168,316; Aug. 8.
Distillation apparatus. K. C. D. Hickman. 2,180,053; Nov. 14.
Distillation apparatus, Vacuum. K. C. D. Hickman. 2,180,050; Nov. 14.
Distillation apparatus, Vacuum. K. C. D. Hickman and J. C. Hecker. 2,180,052; Nov. 14.
Distillation process. K. C. D. Hickman. 2,150,683; Mar. 14.
Distillation process. T. O. Wentworth. 2,152,164; Mar. 28.
Distillation, Vacuum. K. C. D. Hickman. 2,146,894; Feb. 14.
Distilling. U. S. Jenkins. 2,167,211; July 25.
Distilling, rectifying, fractionating, or washing column. Feb. 28.
Distorted sleeve coupling. E. H. Tompkins. 2,181,673; Nov. 28.
Distortion, Eliminating. A. Miller. 2,180,160; Nov. 14.
Distortion in electron discharge devices, Elimination of. C. J. Heckmann. 2,147,094; Feb. 14.
Distortion in signal transmission systems, Reduction of. J. R. Davey and J. L. Hysko. 2,182,841; Dec. 12.
Distortion reducing system for grid-modulated amplifier. L. M. Craft. 2,182,790; Dec. 12.
Distress signal. L. R. Lueck. 2,160,974; June 6.
Distributing device. C. W. Hazelett. 2,157,538; May 9.
Distributing frame. F. H. Graham. 2,169,727; Aug. 15.
Distributing machine. J. R. Fitzgerald. 2,149,166; C. W. Hansell. 2,144,492; Jan. 17.
Distributing system, Call. J. Wicks. 2,167,733; Aug. 1.
Distributing valve. F. H. Stroup. 2,161,642; June 6.
Distribution and temperature control in chemical reactions. R. C. Lassiat. 2,149,300; Mar. 7.
Distribution control mechanism. E. Bugatti. 2,151,834; Mar. 28.
Distribution mechanism for machines of the piston type and especially steam engines. J. Bugatti. 2,156,470; May 2.
Distribution system. J. J. Shoemaker and H. P. Seelye. 2,152,445; Mar. 28.
Distribution system, All wave. V. D. Landon. 2,145,548; Jan. 31.
Distributor. R. M. Heintz. 2,161,043; June 6.
Distributor apparatus and governor therefor. H. A. Cartwright. 2,159,319; May 23.
Distributor cap, Transparent. W. Sherman. 2,169,595; Aug. 15.
Distributor for fertilizer, lime, or the like. L. D. Pender. 2,158,479; May 16.
Distributor for internal combustion engines. J. G. Kubelus. 2,151,519; Mar. 21.
Distributor for pneumatically transported solid material. R. M. Hardgrove and D. E. Griesemer. 2,159,629; May 23.
Distributor for sewage treatment systems, Rotary. H. Beddoes. 2,181,932; Dec. 5.
Distributor head. H. E. Morton. Re. 20,964; Jan. 3.
Distributor head assembly. J. T. Fitzsimmons. 2,174,081; Sept. 26.
Disturbances in ionic valves by grid control, Suppressing. U. Lamm. 2,158,289; May 16.
Disturbances in the reception of electric oscillations, Avoiding. K. Pulvári-Pulvermacher. 2,144,995; Jan. 24.
Disturbances, Reducing. H. Scharlau. 2,153,209; Apr. 4.
Disulphides, Preparing alkyl xanthic. A. Moeller. 2,163,956; June 27.
Ditch cutting device. R. Dornfeld and K. Haage. 2,167,500; July 25.
Ditcher. E. Durr. 2,147,193; Feb. 14.
Ditcher. C. L. Wright. Re. 20,990; Jan. 24.

Ditcher and packer machine. B. C. Reinkens. 2,152,212; Mar. 28.
Dithiocarbamates, Stabilization of. C. F. Winans. 2,150,475; Mar. 14.
Dithiohydantoins. R. A. Jacobson. 2,143,816; Jan. 10.
Diuretic composition. J. C. Krantz, Jr. 2,143,324; Jan. 10.
Divider for harvesters and the like. G. A. Stopher. 2,154,588; Apr. 18.
Divider for vertical filing receptacles, Sway. G. Ruck. 2,153,123; Apr. 4.
Divider, Road traffic lane. R. R. Robertson. 2,153,392; Apr. 4.
Dividing machine and the like. H. (J. K.) Wagner and H.-J. Sommer. 2,169,308; Aug. 15.
Diving device. R. L. Garrett. 2,149,168; Feb. 28.
Diving mask. K. Asari. 2,168,695; Aug. 8.
Diving suit valve. E. Töpper. 2,152,110; Mar. 28.
Divinylacetylene and ethinylbutadiene, Separating. A. S. Carter. 2,173,272; Sept. 19.
Dobby with more than one pattern-card cylinder. H. Stäubli. 2,180,777; Nov. 21.
Doctor blade, Printing-press. A. A. Grossarth. 2,148,456; Feb. 28.
Doctor blades, Manufacturing printing-press. A. A. Grossarth. 2,148,457; Feb. 28.
Doctor, Fountain. C. L. Henderson. 2,151,968; Mar. 28.
Doctor, Regeneration of spent. C. L. Read and T. J. Broidrick. 2,146,027; Feb. 7.
Documents, Apparatus for photographically recording W. S. Nivison and J. R. Putlock. 2,153,154; Apr. 4
Documents, Restoring inked. A. Lowy and C. H. Campbell. 2,182,672; Dec. 5.
Doffer, Automatic. S. A. Moffitt. 2,151,136; Mar. 21.
Dog exercising device. J. R. Richards. 2,155,684; Apr. 25.
Doll. R. H. and M. A. Konikoff. 2,157,763; May 9.
Doll. E. G. Schaeffer. 2,155,448; Apr. 25.
Doll. E. G. Schaeffer. 2,159,293; May 23.
Doll. N. S. Whiting. 2,143,294; Jan. 10.
Doll. M. Wittmann. 2,144,436; Jan. 17.
Doll construction. M. De Cesare and D. Cohn. 2,155,081; Apr. 18.
Doll construction. M. De Cesare and D. Cohn. 2,157,165; May 9.
Doll construction, Walking. E. Torngren. 2,171,281; Aug. 29.
Doll eye. N. Paganello. 2,160,982; June 6.
Doll eye and lash. W. Lorenz and L. W. Pollack. 2,161,876; June 13.
Doll figure. E. T. Myers. 2,154,635; Apr. 18.
Doll, Flat. A. M. De Journette. 2,177,426; Oct. 24.
Doll, Novelty. E. G. Schaeffer. 2,156,573; May 2.
Doll, Radio. C. H. Kehm. 2,184,675; Dec. 26.
Doll, Rubber. F. S. Hugus and L. R. Lower. 2,160,739; May 30.
Doll, voice and mounting for same. J. H. Wilhelm. 2,151,456; Mar. 21.
Doll's eye construction. M. De Cesare and D. Cohn. 2,175,831; Oct. 10.
Dolly, Camera. A. W. Tondreau. 2,145,033; Jan. 24.
Dolly for dismounting vehicle wheels. C. F. Green. 2,170,607; Aug. 22.
Dolly, Stage scenery. W. M. Bassett. 2,143,235; Jan. 10.
Dolly, Trailer vehicle. A. P. Armington and W. F. Double. 2,177,236; Oct. 24.
Dolly, Vacuum cleaner. O. A. Ross and F. Shackleford. 2,177,153; Oct. 24.
Dolomite for producing magnesia alba and lime products, Treatment of. C. Hart. 2,143,774; Jan. 10.
Dome, Silo. N. B. Hanson. 2,176,712; Oct. 17.
Domestic appliance. F. H. Peters. 2,165,003; July 4.
Door: *See*—
Adjustable door.
Animal actuated door.
Bulkhead door.
Cabinet door.
Car door.
Coal stove door.
Coke oven door.
Combination door.
Composite door.
Ironclad door.
Metal covered door.
Oven door.
Overhead door.
Partition door.
Refrigerator car door.
Refrigerator door.
Register casing door.
Retort door.
Revolving door.
Sliding door.
Stove door.
Vehicle operated overhead door.
Door. K. R. Nisbet. 2,174,524; Oct. 3.
Door. C. L. Post. 2,162,640; June 13.
Door. D. J. Seaman. 2,184,259; Dec. 19.
Door actuating mechanism. F. R. Lemon. 2,151,430; Mar. 21.
Door actuating mechanism for locomotive tender fuel doors. W. L. Lentz and C. F. Kantola. 2,160,743; May 30.
Door and brake interlock. H. O. Schjolin. 2,179,704; Nov. 14.
Door and door machinery, Coke oven. J. S. Potter. 2,157,567; May 9.
Door and folding step construction, Car vestibule trap. R. T. Axe. 2,148,522; Feb. 28.
Door and guard. O. A. Hinton. 2,177,617; Oct. 24.
Door and hanger structure, Right and left opening. C. S. Rosenfeld. 2,166,534; July 18.
Door and side frame construction, Railway car. G. and T. Madland. 2,154,951; Apr. 18.
Door assembly, Stove. C. F. Wiley. 2,180,573; Nov. 21.
Door buck support. J. G. Knight. 2,179,262; Nov. 7.
Door, Car. K. J. Tobin and T. Madland. Re. 21,238; Oct. 17.
Door check. J. T. Atwood. 2,148,674; Feb. 28.
Door check. E. Frank. 2,172,610; Sept. 12.
Door check. F. Kukula. 2,157,342; May 9.
Door check. C. O. Larson. 2,175,403; Oct. 10.
Door check. E. B. G. Lefevre. 2,155,167; Apr. 18.
Door check. S. P. Morgen. 2,152,814; Apr. 4.
Door check. S. W. Nicholson. 2,160,895; June 6.
Door check. A. C. Popivalo. 2,170,156; Aug. 22.
Door check. G. L. Runkle. 2,149,074; Feb. 28.
Door check. R. I. Schonitzer. 2,184,201; Dec. 19.
Door check, Hydraulic. A. Swanson. 2,184,607; Dec. 26.
Door check with tension contrivance and mechanical brake, Automatic. W. Schmidt. 2,167,409; July 25.
Door-checking and door-holding device, Combined. R. I. Schonitzer. 2,166,970; July 25.
Door closer. L. Cornwell. 2,183,640; Dec. 19.
Door closer. A. H. Floreth. 2,149,047; Feb. 28.
Door closer. W. Wennmann. 2,166,651; July 18.
Door closer and check. J. H. Simms. 2,161,101; June 6.
Door closer and check. N. J. Weiser. 2,159,067; May 23.
Door closer and mount. A. H. Floreth. 2,150,435; Mar. 14.
Door closer, Thermally controlled automatic. J. H. Derby. 2,177,059; Oct. 24.
Door closing and checking device. W. F. Moore. 2,184,264; Dec. 19.
Door closing apparatus. C. W. Hartshorn. 2,153,833; Apr. 11.
Door construction. J. I. Byrne. 2,178,137; Oct. 31.
Door construction. M. P. Graham, G. H. Hufferd, and J. E. Casse. 2,173,684; Sept. 19.
Door construction. H. Hanson. 2,166,588; July 18.
Door construction, Car. J. Nemec. 2,145,403; Jan. 31.
Door construction for shower bath cabinets. J. F. Levan. 2,152,746; Apr. 4.
Door construction, Garage. W. D. Ferris. 2,164,648; July 4.
Door construction, Garage. W. D. Ferris. 2,170,295; Aug. 22.
Door construction, Garage. W. D. Ferris. 2,184,341; Dec. 26.
Door construction, Garage. C. R. Wolf. 2,166,898; July 18.
Door construction, Overhead. C. D. Michael. 2,169,271; Aug. 15.
Door construction, Overhead operating garage. H. H Bartel. 2,166,746; July 18.
Door construction, Range. A. H. Moecker. 2,179,049; Nov. 7.
Door control. F. J. Bird. 2,177,275; Oct. 24.
Door control, Car. C. H. Clark. 2,160,197; May 30.
Door control, Dipper. V. Davidson. 2,160,432; May 30.
Door control system. H. C. Miller. 2,149,177; Feb. 28.
Door control, System of automobile. L. C. Ruska. 2,162,749; June 20.
Door dovetail construction. G. A. Tinnerman. 2,157,641; May 9.
Door equipment, Sliding. E. G. Busse. 2,167,707; Aug. 1.
Door fastener. G. Hammond. 2,161,673; June 6.
Door fastener. S. P. Hull. 2,180,306; Nov. 14.
Door fastener. P. J. McNaney. 2,160,460; May 30.
Door fastener, Refrigerator. D. C. E. Leonard and J. V. Jamison, Jr. 2,147,794; Feb. 21.
Door for bake ovens. P. Jackson and A. B. Cady. 2,167,047; July 25.
Door for baking ovens and mounting means therefor. J. V. Cook. 2,175,954; Oct. 10.
Door for closed body vehicles. R. K. Lee. 2,144,161; Jan. 17.
Door for furnaces, Explosion. E. O. Engels. 2,160,262; May 30.
Doorframe construction. F. F. Beil and E. E. Green. Re. 21,001; Feb. 14.
Door frame construction. F. F. Beil and E. E. Green. 2,183,879; Dec. 19.
Door frame construction, Furnace. J. Thornton. 2,172,995; Sept. 12.
Door glass control, Automobile. L. C. Ruska. 2,157,350; May 9.
Door handle. F. Brown. 2,165,534; July 11.
Door handle, Automobile. G. C. Alexander. 2,160,611; May 30.
Door handle lock. M. A. Cassileth. 2,151,587; Mar. 21.
Door handling machine, Coke oven. M. H. McEwan. 2,142,451; Jan. 3.
Door hanger, Garage. A. L. Clark. 2,163,394; June 20.
Door holder. I. E. Beeler. 2,146,460; Feb. 7.
Door holder. M. S. Christensen. 2,178,718; Nov. 7.
Door holder. W. R. Sampson. 2,154,869; Apr. 18.
Door holder. E. J. Sibley. 2,168,453; Aug. 8.
Door holder. J. A. Wallace. 2,168,635; Aug. 8.
Door-holding and door-checking device, Combined. R. I. Schonitzer. 2,176,641; Oct. 17.
Door holding and door control mechanism. R. I. Schonitzer. 2,156,874; May 2.
Door hook mounting. G. R. Bellah. 2,166,620; July 18.
Doorknob. H. H. Wiebe. 2,149,375; Mar. 7.
Door latch. F. L. Aumack. 2,159,362; May 23.
Door latch. K. H. Burgin. 2,174,078; Sept. 26.
Door latch. P. C. Johnson and C. M. Stacey. 2,162,673; June 13.

Door latch. A. A. Kucher. 2,162,405; June 13.
Door latch. J. J. McCabe. 2,144,737; Jan. 24.
Door latch. G. H. Murrin. 2,163,957; June 27.
Door latch. J. A. Schmitt. 2,179,430; Nov. 7.
Door latch. F. C. Schoch. 2,177,672; Oct. 31.
Door latch. H. J. Stratman. 2,167,594; July 25.
Door latch. M. F. Webber. 2,173,671; Sept. 19.
Door latch, Automobile. A. A. Cripps. 2,147,826; Feb. 21.
Doorlatch construction. E. D. Kaser. 2,147,903; Feb. 21.
Door latch handle. R. Marple. 2,148,993; Feb. 28.
Door latch, Refrigerator. A. E. Nave. 2,181,493; Nov. 28.
Door latch, Silent. T. Tringale. 2,142,425; Jan. 3.
Door latch, Vehicle. P. R. Smith. 2,147,358; Feb. 14.
Door latching mechanism. M. Greenbaum. 2,149,730; Mar. 7.
Door lock. F. G. G. Armstrong. 2,162,929; June 20.
Door lock. H. T. Backhouse. 2,174,958; Oct. 3.
Door lock. F. A. Browne. 2,179,466; Nov. 7.
Door lock. C. J. Dials. 2,176,297; Oct. 17.
Door lock. J. R. Elliott and C. C. Hudson. 2,169,944; Aug. 15.
Door lock. W. A. Endter. 2,159,940; May 23.
Door lock. A. L. Hansen. 2,169,692; Aug. 15.
Door lock. J. Holtzman. 2,163,121; June 20.
Door lock. O. C. Larson. 2,178,666; Nov. 7.
Door lock. E. Lipiner. 2,174,890; Oct. 3.
Door lock. C. O. Potter. 2,173,765; Sept. 19.
Door lock. W. R. Schlage. 2,169,743; Aug. 15.
Door lock. W. R. Schlage. 2,180,371; Nov. 21.
Door lock. W. R. Schlage. 2,184,875; Dec. 26.
Door lock and latch for closures. S. L. Neff. 2,147,916; Feb. 21.
Door lock, Automobile. R. H. Dean. 2,143,510; Jan. 10.
Door lock, Automobile. A. J. Leonard. 2,143,127; Jan. 10.
Door lock, Automobile. A. J. Leonard. 2,148,361; Feb. 21.
Door lock, Motor vehicle. E. E. Henning. 2,145,982; Feb. 7.
Door lock, Spring. F. Reavill. 2,162,031; June 13.
Door locking apparatus, Automobile. O. L. Beck. 2,160,011; May 30.
Door locking device. J. Mora. 2,144,075; Jan. 17.
Door locking device, Car. J. Christiansen and J. B. D. Thompson. 2,180,507; Nov. 21.
Door locking mechanism. A. F. Pruner. 2,165,577; July 11.
Door locking mechanism. B. Walker. 2,180,024; Nov. 14.
Door locking system and mechanism, Automobile. E. D. Dall. 2,162,703; June 20.
Door locking system for an automotive vehicle, Electrical coincidental. J. W. Lakin. 2,184,350; Dec. 26.
Door machine, Cook-oven. P. H. Lavely. 2,182,494; Dec. 5.
Door machinery, Coke oven. J. Potter. 2,157,566; May 9.
Door machinery, Coke oven. J. S. Potter. 2,183,753; Dec. 19.
Door mechanism, Coke-oven. G. E. Salkvist. 2,175,217; Oct. 10.
Door mechanism, Elevator. L. H. Kiesling. 2,156,295; May 2.
Door mounting. E. H. and W. B. Graves. 2,167,569; July 25.
Door mounting and latching means. C. Hass, R. Witt, and W. Quade. 2,160,330; May 30.
Door mounting mechanism. M. G. Bundy. 2,149,575; Mar. 7.
Door operating and locking mechanism. J. E. Browning. 2,184,774; Dec. 26.
Door operating and locking system, Jail. H. J. Ralston. 2,146,552; Feb. 7.
Door operating apparatus. H. R. Fyke. 2,159,522; May 23.
Door operating device. C. A. Ellis. 2,170,014; Aug. 22.
Door-operating machine, Coke-oven. R. F. Krall. 2,142,447; Jan. 3.
Door operating means for electric couplers. H. E. Van Dorn. 2,157,364; May 9.
Door-operating mechanism. P. R. Forman. 2,173,475; Sept. 19.
Door operating mechanism. S. W. Friend. 2,143,439; Jan. 10.
Door operating mechanism. E. R. Greer. 2,166,892; July 18.
Door operating mechanism. F. Lichtfeldt. 2,156,950; May 2.
Door operating mechanism. E. W. Thompson. 2,155,849; Apr. 25.
Door operating mechanism. A. Venditty. 2,142,161; Jan. 3.
Door operating mechanism. A. O. Williams. 2,156,005; Apr. 25.
Door operating mechanism, Coke-oven. R. Berg and R. W. Crist. 2,179,608; Nov. 14.
Door operating mechanism, Garage. T. C. Dell. 2,175,957; Oct. 10.
Door operating system. J. I. Byrne. 2,178,136; Oct. 31.
Door operator. F. W. Hall. 2,156,473; May 2.
Door operator, Automatic garage. D. Palumbo. 2,184,649; Dec. 26.
Door operator, Electric. E. G. Parvin. 2,165,809; July 11.
Door operator, Elevator. H. V. McCormick. 2,175,906; Oct. 10.
Door plate, Pivot. F. Kufner. 2,143,704; Jan. 10.
Door pull, Advertising. E. R. Erickson. 2,180,670; Nov. 21.
Door reenforcement and lock mounting, Metal. W. R. Schlage. Re. 21,025; Mar. 7.
Door release mechanism, Panic. S. S. Roby. 2,149,870; Mar. 7.
Door saddle. F. W. Kammerer. 2,181,812; Nov. 28.
Door spring. A. H. Floreth. 2,165,792; July 11.
Door stop. J. J. Hulcher. 2,142,753; Jan. 3.
Door structure. P. Bescherer. 2,148,008; Feb. 21.
Door structure. A. A. Van Atta. 2,180,267; Nov. 14.
Door structure for silos. M. W. Mott. 2,153,473; Apr. 4.
Door structure, Furnace. L. M. Cockerham. 2,180,797; Nov. 21.
Door structure, Overhead. G. V. Smith. 2,171,194; Aug. 29.
Door structures for mine cars and like purposes, Interlocking. C. A. Griffith. 2,170,998; Aug. 29.
Door tension device for motor vehicles. H. Beiersdorf. 2,158,893; May 16.
Door unit for box freight cars, Detachable grain. J. D. Waterbury. 2,169,889; Aug. 15.
Doors and molding therefor, Forming vehicle. C. H. Widman. 2,154,596; Apr. 18.
Doors, Apparatus for operating. S. S. Roby. 2,173,455; Sept. 19.
Doors, Constructing metal. L. Faiveley. 2,142,438; Jan. 3.
Doors, Forming vehicle. C. H. Widman. 2,176,192; Oct. 17.
Doors on motor vehicles, Arrangement of. F. H. Redfern. 2,152,281; Mar. 28.
Doors, Weatherproofing structure for. D. H. Harnly. 2,166,993; July 25.
Doorway construction. D. J. Seaman. 2,154,641; Apr. 18.
Double-acting air valve. M. M. McCracken. 2,179,750; Nov. 14.
Double-acting check valve. G. M. Deming. 2,183,709; Dec. 19.
Double acting jack. H. O. Haferkorn. 2,153,888; Apr. 11.
Double-acting press. W. Ernst. 2,167,941; Aug. 1.
Double acting pump. C. J. Schenk. 2,153,974; Apr. 11.
Double-deck vehicle. E. Ramstrum. 2,173,727; Sept. 19.
Double ironing table. C. W. Sadenwater. 2,156,246; Apr. 25.
Double mosaic screen. B. Bartels. 2,163,266; June 20.
Double opposed lever engine. E. Gray. 2,166,211; July 18.
Double row roller bearing. H. R. Slusser. 2,178,843; Nov. 7.
Double sash lock. R. G. Reader. 2,167,960; Aug. 1.
Doubletree. C. Steffen. 2,156,883; May 2.
Dough and like material to sheeting and like machines, Feeding. J. C. Paterson. 2,159,044; May 23.
Dough-batch cutter. C. E. Carpenter. 2,176,989; Oct. 24.
Dough-coiling device. H. H. C. Peters. 2,173,632; Sept. 19.
Dough control means. A. A. Liebelt. 2,154,462; Apr. 18.
Dough cutter. A. S. T. Lagaard. 2,158,463; May 16.
Dough cutter. A. S. T. Lagaard. 2,159,726; May 23.
Dough cutter. A. S. T. Lagaard. 2,162,557; June 13.
Dough cutter. A. S. T. Lagaard. 2,178,261; Oct. 31.
Dough cutting machine. H. N. Rasch. 2,183,693; Dec. 19.
Dough divider. C. L. Russell. 2,151,444; Mar. 21.
Dough divider and rounder. C. B. Seem. 2,158,594; May 16.
Dough dividing machine. H. C. Rhodes. 2,178,406; Oct. 31.
Dough dividing machine construction. H. C. Rhodes. 2,162,641; June 13.
Dough folding device. H. H. C. Peters. 2,177,329; Oct. 24.
Dough for baking, Preparing yeast raised. H. Jung. 2,152,593; Mar. 28.
Dough mixing and working machine. P. D. Motta. 2,145,428; Jan. 31.
Dough mixing apparatus. R. M. Temple. 2,155,454; Apr. 25.
Dough molder. E. W. Plambeck. 2,146,846; Feb. 14.
Dough molding machine for biscuit doughs and the like, Rotary. G. R. Baker and G. D. Wilson. 2,165,528; July 11.
Dough rolling means. O. Molin. 2,181,666; Nov. 28.
Dough sheet manufacture. K. D. Loose. 2,145,550; Jan. 31.
Dough twisting machine. B. A. Howe. 2,175,119; Oct. 3.
Dough twisting machine. F. Streich. 2,144,467; Jan. 17.
Dough twisting machine. F. L. van Allen. 2,172,268; Sept. 5.
Doughnut cutter. I. S. Mosher. 2,166,260; July 18.
Doughnut filling machine. A. H. Masson. 2,178,345; Oct. 31.
Doughnut-forming machine, Household. H. D. Valle. 2,175,543; Oct. 10.
Doughnut machine. C. E. Carpenter. 2,160,123; May 30.
Doughnut making apparatus. J. Korpan. 2,143,353; Jan. 10.

Doughnut making apparatus, Adjusting means. W. F. Arntzen. 2,144,908; Jan. 24.
Dowel. H. C. Graham. 2,174,578; Oct. 3.
Dowel assembly for paving joints. B. F. Friberg. 2,163,397; June 20.
Dowel bar structure. C. H. Westcott. 2,181,005; Nov. 21.
Dowel, Flexible. E. J. Webb. 2,183,484; Dec. 12.
Dowel means for expansion joints. W. F. Schulz. 2,152,751; Apr. 4.
Dowel means for roadway joints. J. M. Oates. 2,164,590; July 4.
Dowel retainer. C. Bean. 2,178,386; Oct. 31.
Down-draft burner. J. R. Fellows. 2,155,120; Apr. 18.
Draft and buffer gear. H. J. Lounsbury. 2,146,023; Feb. 7.
Draft apparatus. R. D. Schnoor. 2,149,633; Mar. 7.
Draft, Apparatus for controlling. H. R. Hagen. 2,151,512; Mar. 21.
Draft apparatus for trailers. D. D. Arehart. 2,168,148; Aug. 1.
Draft arm assembly for dispensing liquids. F. H. Tweed. 2,148,662; Feb. 28.
Draft arm for dispensing beverages. A. L. Koenig. 2,162,384; June 13.
Draft connection between vehicles. W. J. Alexander. 2,167,792; Aug. 1.
Draft control. E. A. Field, Jr. 2,182,625; Dec. 5.
Draft control. H. J. Rose. 2,151,642; Mar. 21.
Draft control and regulating device. L. S. Powell. 2,184,399; Dec. 26.
Draft control device. R. W. Franks. 2,161,809; June 13.
Draft control for furnaces. A. J. Wiltshire. 2,166,834; July 18.
Draft control means for gas heaters. H. E. Hagenbuch. 2,183,099; Dec. 12.
Draft control mechanism. R. B. Cranmer. 2,168,021; Aug. 1.
Draft control, Oil burner suction. R. T. Smith. 2,156,359; May 2.
Draft eliminator. C. G. Raible. 2,171,070; Aug. 29.
Draft gear. D. F. Sproul. 2,159,457; May 23.
Draft-gear-coupler structure. C. L. Reid. 2,176,721; Oct. 17.
Draft in drawing frames, Apparatus for producing additional. J. Weinberger. 2,152,295; Mar. 28.
Draft producing apparatus. G. A. Merkt. 2,164,880; July 4.
Draft regulating device for orchard heaters. W. C. Scheu. 2,171,767; Sept. 5.
Draft regulator. J. L. Breese. 2,152,301; Mar. 28.
Draft regulator. C. H. Morrow. 2,167,182; July 25.
Draft regulator for combustion apparatus. L. Monney. 2,167,307; July 25.
Draft regulator for furnaces. T. A. Marsh. 2,149,740; Mar. 7.
Draft rigging. D. S. Barrows. 2,176,651–2; Oct. 17.
Draft rigging. H. E. Van Dorn. 2,157,363; May 9.
Draft rigging, Railway. W. M. Dwyer. 2,147,018; Feb. 14.
Draft rigging, Railway. G. A. Johnson and W. M. Dwyer. 2,147,041; Feb. 14.
Draft strip. J. C. Kernick. 2,175,123; Oct. 3.
Drafting apparatus. T. Harris. 2,143,876; Jan. 17.
Drafting apparatus. G. C. Lopez. 2,184,718; Dec. 26.
Drafting apparatus and method. B. H. Foster. 2,154,675; Apr. 18.
Drafting apparatus for slivers for the production of spun yarns. K. Honda. 2,160,545; May 30.
Drafting appliance. F. C. Griswold. 2,178,257; Oct. 31.
Drafting device. H. C. Blinsinger. 2,172,829; Sept. 12.
Drafting frame. H. Lambert. 2,177,929; Oct. 31.
Drafting implement. L. Rotter. 2,174,137; Sept. 26.
Drafting instrument. F. Doetzel, Jr. 2,147,017; Feb. 14.
Drafting instrument. W. J. Kallio. 2,154,753; Apr. 18.
Drafting instrument. A. E. Shaw. 2,161,236; June 6.
Drafting machine. H. L. DeLisle. 2,160,130; May 30.
Drafting machine. C. H. Little. 2,155,724; Apr. 25.
Drafting machine. C. H. Little. 2,164,215–8; June 27.
Drafting machine. C. H. Little. 2,178,045–6; Oct. 31.
Drafting machine. C. H. and C. H. Little. 2,168,940; Aug. 8.
Drafting mechanism. P. Devaux. 2,178,627; Nov. 7.
Drafting mechanism. J. E. Orrell. 2,143,996; Jan. 17.
Drafting mechanism. B. H. Williams. 2,160,186; May 30.
Drafting tool. E. E. Shattow. 2,142,765; Jan. 3.
Drag and harrow, Combination. J. Sayen. 2,167,262; July 25.
Drag, Road. J. C. Johnson. 2,166,596; July 18.
Drag scraper, Automatic. J. B. Hungate and H. A. Strassweg. 2,152,888; Apr. 4.
Drain attachment, Dentists' gold-recovering. H. R. Hall and G. W. Conner. 2,163,837; June 27.
Drain, Automatic. D. Banks. 2,143,469; Jan. 10.
Drainboard. K. C. Haven. 2,173,610; Sept. 19.
Drain cleaner. C. Horwitz. 2,177,566; Oct. 24.
Drain fitting. G. B. Nystrom. 2,169,006; Aug. 8.
Drain fitting and production thereof. A. C. Recker. 2,167,372; July 25.
Drain for foundation walls. A. Henderson. 2,157,290; May 9.
Drain for journal cellars, Water. J. E. Runner. 2,159,750; May 23.
Drain plug. E. L. Siegmann. 2,143,499; Jan. 10.
Drain, Roof. E. W. N. Boosey. 2,142,343; Jan. 3.
Drain, Surface. L. J. Day. 2,182,795; Dec. 12.
Drain trap. W. Ingalls. 2,153,373; Apr. 4.
Drain valve, Automatic. B. S. Aikman. 2,177,510; Oct. 24.
Drainage system for basement walls. A. Henderson. 2,147,035; Feb. 14.
Drainage system for separating oil from waste water. E. W. N. Boosey. 2,153,411; Apr. 4.
Drainage tube. F. L. Carswell and O. W. Schmidt. 2,153,790; Apr. 11.
Drape rod, Adjustable. A. P. Surges and R. R. Loughary. 2,147,998; Feb. 21.
Drape shaper. F. Kaufman. 2,181,813; Nov. 28.
Drawbar. W. O. Bechman. 2,160,350; May 30.
Drawbar. E. Rodemeyer. 2,161,387; June 6.
Drawbench. M. J. Dempsey and F. W. Reher. 2,161,023; June 6.
Draw works. J. S. Morgan, Jr. 2,161,075; June 6.
Draw works having dual drive. W. D. Davidson. 2,170,365; Aug. 22.
Drawer. P. Zalkind. 2,152,676; Apr. 4.
Drawer, Cash. J. J. Murtaugh, Jr. 2,145,314; Jan. 31.
Drawer-controlling means for medicine cabinets. A. Marchand. 2,171,663; Sept. 5.
Drawer lining insert, Cash. H. E. House. 2,155,549; Apr. 25.
Drawer of a vertical type for indexing and classifying. L. Lombardini. 2,169,562; Aug. 15.
Drawer selecting mechanism, Cash. A. S. Wheelbarger. 2,143,292; Jan. 10.
Drawer suspension. F. A. Schmitz. 2,162,318; June 13.
Drawing and extrusion die. J. G. Nadler, Jr. 2,164,750; July 4.
Drawing board support. E. J. Scott. 2,148,307; Feb. 21.
Drawing curve, Adjustable. W. Moses. 2,155,169; Apr. 18.
Drawing press. F. J. Rode. 2,172,853; Sept. 12.
Drawing, Split. J. A. Asbelle. 2,181,777; Nov. 28.
Drawing table. M. B. Cook. 2,175,503; Oct. 10.
Drawing traverse. W. F. Lee. 2,184,717; Dec. 26.
Drawings, Apparatus for producing stereographic. J. T. Rule. 2,171,894; Sept. 5.
Dredge, Clamshell. J. C. Williams. 2,177,196; Oct. 24.
Dredge, Hydraulic shovel. I. Peterson. 2,178,265; Oct. 31.
Dredging apparatus. L. S. Rosener. 2,147,062; Feb. 14.
Dredging, drilling, and pile-driving equipment, Combination. J. O. Grenier. 2,153,557; Apr. 11.
Dredging machine. J. Spadaro. 2,160,761; May 30.
Dress and lip protector. T. R. Arace. 2,181,986; Dec. 5.
Dress. One-piece. J. Brown. 2,154,227; Apr. 11.
Dress, Woman's. E. C. Robertson and B. R. Hamman. 2,157,460; May 9.
Dresser, Convertible. O. Thorsen. 2,156,825; May 2.
Dresser for fishing lines and flies. W. H. Ford. 2,179,548; Nov. 14.
Dresses and the like, Packaging. J. E. Eboli. 2,162,168; June 13.
Dressing bag. H. L. Butman. 2,157,280; May 9.
Dressing case. V. K. Speck. 2,145,462; Jan. 31.
Dressing fixture for grinding wheels. H. A. Dannecker, 2,146,466; Feb. 7.
Dressing mechanism for grinding wheels. A. H. Candee and G. O. Richmond. 2,162,836; June 20.
Dressing, Wound. C. B. Strauch. 2,164,360; July 4.
Drier: *See*—
Centrifugal drier.
Clothes drier.
Coal drier.
Drum drier.
Film drier.
Fruit and corn drier.
Hair drier.
Hose and stocking drier.
Pellet drier.
Phosphorous, pentoxide drier.
Pneumatic circulation drier.
Radiator drier.
Rotary drier.
Steam drier.
Vacuum drier.
Drier. J. Miele. 2,183,200; Dec. 12.
Drier. C. J. Scanlan. 2,184,473; Dec. 26.
Drier. R. Skagerberg. 2,166,379; July 18.
Drier and separator, Steam. A. P. Pintto. 2,176,098; Oct. 17.
Drier felt for paper machines. W. A. Barrell. 2,167,542; July 25.
Drier for coated disks, Compound. C. A. Johnstone. 2,162,336; June 13.
Drier for photographic prints and the like. R. M. Lynn. 2,164,614; July 4.
Drier for polished nails. J. Goodman. 2,184,858; Dec. 26.
Drier for use on locomotives, Steam. P. Pascale. 2,149,626; Mar. 7.
Drier for wet granular materials, Continuous. W. H. Golden. 2,177,404; Oct. 24.
Driers, Production of metallic. K. E. Long. 2,157,768; May 9.
Drifting valve. J. W. Richardson. 2,146,443; Feb. 7.
Drill: *See*—
Ceramic drill.
Core drill.
Deep well drill.
Earth boring drill.
Electric drill.
Electrician's drill.
Percussion drill.
Rock drill.
Seed drill.
Test drill.
Wagon drill.
Drill. W. J. Bauroth. 2,159,071; May 23.

Drill. J. H. Lind. 2,160,158; May 30.
Drill. W. L. Pearce. 2,176,358; Oct. 17.
Drill and work holder. N. A. Lopez. 2,183,295; Dec. 12.
Drill bit. I. L. Earnheart. 2,179,689; Nov. 14.
Drill bit. M. Hokanson. 2,156,287; May 2.
Drill bit. J. Kruttschnitt. 2,174,791; Oct. 3.
Drill bit. G. A. Mead. 2,166,664; July 18.
Drill bit. P. H. Nast. 2,168,102; Aug. 1.
Drill bit. R. N. Riblet. 2,166,478; July 18.
Drill bit. J. A. Zublin. 2,184,067; Dec. 19.
Drill bit head, Earth. C. A. Dean. 2,181,394; Nov. 28.
Drill bit, Rotary. R. P. Fisher. 2,151,347–8; Mar. 21.
Drill bit shanks, Forming detachable. C. E. Cook. 2,142,239; Jan. 3.
Drill chuck, Adjustable. G. H. Cote. 2,162,246; June 13.
Drill fixture. W. Ray. 2,166,692; July 18.
Drill for oil casings and the like, Motor. H. R. Sharp. 2,184,817; Dec. 26.
Drill grinding machine. R. P. Stocking. 2,142,923; Jan. 3.
Drill guide. E. F. Jackman. 2,165,485; July 11.
Drill head. J. A. Andersen. 2,161,000; June 6.
Drill head. A. E. Krick and W. C. Starkey. 2,175,471; Oct. 10.
Drill head, Core. A. C. Catland. 2,166,462; July 18.
Drill holes, Apparatus for deflecting. A. Anderson. 2,167,194; July 25.
Drill mounting. G. H. Gilman. 2,143,848; Jan. 17.
Drill position indicator. R. A. Bossi. 2,165,334; July 11.
Drill press for tapping attachment. H. G. Procunier. 2,160,674; May 30.
Drill rod and bit joint. M. Hokanson. 2,145,262; Jan. 31.
Drill sharpening machine. G. B. Ambler. 2,147,227; Feb. 14.
Drill stem coupling. C. Kangas. 2,169,697; Aug. 15.
Drill stem feed. O. B. Anderson. 2,179,316; Nov. 7.
Drill stem section. D. G. Hawthorn. 2,151,206; Mar. 21.
Drill stem valve. W. L. Church and W. K. Holleron. 2,176,730; Oct. 17.
Drill stems, Orienting. G. A. Smith. 2,179,832; Nov. 14.
Driller attachment, Noncircular hole. B. A. Woods. 2,175,546; Oct. 10.
Drilling and countersinking machine, Automatic. L. T. White. 2,165,774; July 11.
Drilling and honing machinery. J. C. Carlton and A. C. Spangenberg. 2,180,289; Nov. 14.
Drilling and tapping unit, Combination directional. H. Cregar. 2,181,873; Dec. 5.
Drilling and tapping unit, Combined. H. Cregar. 2,176,606; Oct. 17.
Drilling apparatus. C. C. Christian. 2,169,223; Aug. 15.
Drilling apparatus. M. P. Holmes. 2,144,627; Jan. 24.
Drilling apparatus. G. C. Miller. 2,184,919; Dec. 26.
Drilling apparatus. J. W. Pippin. 2,144,687; Jan. 24.
Drilling apparatus. J. W. Pippin. 2,169,283; Aug. 15.
Drilling, Apparatus for oil well. J. G. Dyer. 2,158,356; May 16.
Drilling bit. T. H. Stancliff. 2,184,129; Dec. 19.
Drilling bit, Fluid operated. J. A. Zublin. 2,184,065; Dec. 19.
Drilling device. W. A. Ross. 2,164,348; July 4.
Drilling head. H. C. Otis. 2,176,355; Oct. 17.
Drilling hook. H. E. Grau and R. K. Hertel. 2,158,232; May 16.
Drilling machine. R. K. Jeffrey. 2,159,087; May 23.
Drilling machine and pipe tongs, Rotary. H. C. Hicks. 2,181,641; Nov. 28.
Drilling machine, Automatic. W. C. Dreyer. 2,182,624; Dec. 5.
Drilling machine, Horizontal. D. M. Hollingsworth. 2,182,477; Dec. 5.
Drilling machine, Horizontal. J. O. Tilly. 2,165,666; July 11.
Drilling machine, Portable. H. B. Crofton. 2,143,975; Jan. 17.
Drilling machine switch. R. K. Jeffrey. 2,159,087–9; May 23.
Drilling machine with tapping attachment. H. W. Bockhoff and R. Rodal. 2,176,414; Oct. 17.
Drilling mechanism. T. H. Seely. 2,174,602; Oct. 3.
Drilling mechanism, Subsurface speed-up. P. Subkow and L. Dillon. 2,151,646; Mar. 21.
Drilling method and means, Pneumatic. D. J. Muncy. 2,167,393; July 25.
Drilling rig, Portable. C. A. Hirschberg. 2,162,552–3; June 13.
Drilling rig transmission. J. H. Wilson. 2,151,881; Mar. 28.
Drilling, Rotary. W. Sheldon. 2,180,724; Nov. 21.
Drilling tool. J. A. Zublin. 2,184,066; Dec. 19.
Drilling, Underwater. W. B. Plummer. 2,171,672; Sept. 5.
Drilling valve. J. S. Abercrombie and H. Allen. 2,162,990; June 20.
Drills, Making oil hole. S. A. Cogsdill. 2,148,805; Feb. 28.
Drink, Canned. P. Bias. 2,143,642; Jan. 10.
Drink mixer. L. Myers. 2,168,429; Aug. 8.
Drink mixer. G. D. Ruetz. 2,184,085; Dec. 19.
Drink mixer switch. S. Bloomfield. 2,146,710; Feb. 14.
Drink mixing machine, Multiple. E. S. Prince, R. MacDougall, and J. Brotheridge. 2,172,593; Sept. 12.
Drink vending machine. C. O. Christianson. 2,165,959; July 11.
Drinking device. M. A. Van der Spek. 2,170,282; Aug. 22.
Drip catcher for containers. I. E. Walker. 2,156,747; May 2.
Drip catching attachment for umbrellas. C. D. De Lamater. 2,170,236; Aug. 22.
Drive adapter for machines. A. O. Schaefer. 2,153,433; Apr. 4.
Drive, Adjustable. K. W. Hallden. 2,144,307; Jan. 17.
Drive and clutch mechanism, Automatic. W. E. Haupt. 2,171,829; Sept. 5.
Drive, Boat. L. A. Layne. 2,161,068; June 6.
Drive connection for mowing machines. L. E. Gollnick. 2,148,615; Feb. 28.
Drive, Constant speed film. W. A. Black. 2,157,393; May 9.
Drive, Conveyer roll. K. Waimann. 2,175,860; Oct. 10.
Drive, Conveyer system. J. P. Lawrence. 2,162,688; June 13.
Drive dual control, Split. R. E. Smith. 2,166,270; July 18.
Drive, Electric motor. W. Leukert. 2,162,509; June 13.
Drive, Electromechanical. De W. R. Goddard. 2,184,958; Dec. 26.
Drive, Enclosed outboard motor. W. M. Conover. 2,166,234; July 18.
Drive equalizing coupling. C. A. G. Standage. 2,145,532; Jan. 31.
Drive, Flexible. N. E. Gee. 2,145,542; Jan. 31.
Drive, Flexible. N. E. Gee. 2,182,803; Dec. 12.
Drive, Flexible. N. E. Gee. 2,182,942; Dec. 12.
Drive for automotive vehicles, Front wheel. K. D. Kysor. 2,145,089; Jan. 24.
Drive for dies, Automatic. A. J. Kiehne. 2,184,779; Dec. 26.
Drive for lehr rolls, Magnetic. E. A. Fusca. 2,159,657; May 23.
Drive for machine tools, Hydraulic. F. Wegerdt. 2,182,908; Dec. 12.
Drive for machine tools, Hydraulic. D. H. West. 2,153,056; Apr. 4.
Drive for oppositely rotating coaxial propellers, Propeller. E. A. Ryder. 2,154,532; Apr. 18.
Drive for power sprayers, Agitator. H. E. Brandt and A. Sorensen. 2,149,112; Feb. 28.
Drive for printing presses, Separable. D. L. Boyd. 2,173,873; Sept. 26.
Drive for projector reels, Selective. E. Vollenweider. 2,144,211; Jan. 17.
Drive for rod weeders. C. F. Bloom. Re. 21,259; Nov. 14.
Drive for sheet glass machines, Lehr. D. R. Limbers. 2,164,071; June 27.
Drive for stokers, Shear pin. G. M. Peltz. 2,144,269; Jan. 17.
Drive for vehicle axles. H. Ruegg. 2,179,425; Nov. 7.
Drive for vehicles, Hydraulic. D. Gössler. 2,142,269; Jan. 3.
Drive for winding apparatus, Hydraulic. R. Tyler. 2,164,600; July 4.
Drive, Freewheeling. S. B. Kurzina, Jr. 2,181,242; Nov. 28.
Drive, Geared. O. L. Lewis. 2,143,921; Jan. 17.
Drive, Generator. A. L. Freedlander and E. J. Schmidt. 2,155,703; Apr 25.
Drive, Hydraulic. R. Tyler. 2,164,599; July 4.
Drive-lock means. G. E. Swartz. 2,171,458; Aug. 29.
Drive means for bicycles, Hydraulic. C. Bichi. 2,177,381; Oct. 24.
Drive means for power lawn mowers. E. R. Potter. 2,151,615; Mar. 21.
Drive means for vehicles and the like. C. C. Kaskell. 2,144,538; Jan. 17.
Drive, Mechanical. J. F. Koepfle. 2,152,550; Mar. 28.
Drive mechanism. G. E. Moore. 2,181,735; Nov. 28.
Drive mechanism. W. F. Ridgway. 2,170,159; Aug. 22.
Drive mechanism. C. E. Stewart. 2,143,115; Jan. 10.
Drive mechanism, Belt. T. Petersen. 2,156,701; May 2.
Drive mechanism for lock seam soldering attachments. A. M. Cameron. 2,167,330; July 25.
Drive mechanism for locomotives or other vehicles, engines, or machinery. M. H. P. Sologaistra. 2,166,976; July 25.
Drive mechanism for shaker conveyers. W. W. Sloane. 2,142,217; Jan. 3.
Drive mechanism for shaker conveyers. W. W. Sloane. 2,142,382; Jan. 3.
Drive mechanism for speed responsive devices for railway trains. H. L. Bone. 2,146,463; Feb. 7.
Drive mechanism for tandem wheel vehicles. J. G. Tingle. 2,156,412; May 2.
Drive mechanism, Hydraulic. F. Barney. 2,173,817; Sept. 26.
Drive mechanism, Safety. F. Barney and J. W. Lee. 2,171,841; Sept. 5.
Drive mechanism, Selective. R. J. Burrows. R. Lapsley, and A. O. Williams. 2,150,150–1; Mar. 14.
Drive mechanism, Washing machine. V. E. Dunn. 2,153,301; Apr. 4.
Drive, Multiple-axle. O. F. Quartullo. 2,166,099; July 11.

Drive, Multiple motor. A. S. Menasco. 2,180,599; Nov. 21.
Drive power selector, Dual. K. J. W. Freitag. 2,174,187; Sept. 26.
Drive, Railroad refrigerant compressor. C. R. Neeson and F. B. Conlon. 2,173,285; Sept. 19.
Drive, Releasable propeller. F. W. Caldwell. 2,156,750; May 2.
Drive, Run-out table. L. A. Umansky. 2,176,039; Oct. 10.
Drive, Sectional. W. Ferris. 2,143,147; Jan. 10.
Drive, Sectional. W. Ferris. 2,163,672; June 27.
Drive, Speedometer. R. Farrell. 2,180,511; Nov. 21.
Drive system for gas electric automobiles. M. Ernst and H. B. Holthouse. 2,179,546–7; Nov. 14.
Drive unit. L. J. Bishop. 2,161,894; June 13.
Drive unit, Hydraulic. A. Y. Dodge. 2,173,604; Sept. 19.
Drive, Variable speed. J. A. Jepson. 2,161,054; June 6.
Drive, Variable speed. L. E. Perrine. 2,150,456; Mar. 14.
Drive, Variable speed. L. E. Perrine. 2,173,661; Sept. 19.
Drive, Winder. P. Simonds. 2,164,596; July 4.
Drive with automatic lockout, Overspeed and freewheeling. W. B. Barnes. 2,160,817; June 6.
Driver-adjusting means for fastening-inserting machines. J. A. Duran. 2,160,843; June 6.
Driving and control apparatus. W. E. Haupt. 2,169,949; Aug. 15.
Driving and control mechanism for turrets. B. N. Foster and F. L. Fisher. 2,164,396; July 4.
Driving and sealing means for rotary fluid impellers. J. Pollock. 2,150,078; Mar. 7.
Driving and stopping mechanism. J. Fossa. 2,169,094; Aug. 8.
Driving chain. B. v. Festenberg-Pakisch. 2,158,622; May 16.
Driving connection for use in machine tools. M. I. Mathewson. 2,146,153; Feb. 7.
Driving control mechanism for rotary driven units. A. Pereny. 2,174,061; Sept. 26.
Driving device and controlling the flow of fluids therein. J. L. Herold. 2,156,497; May 2.
Driving elements and the article produced thereby, Connecting. H. D. Adams. 2,162,902; June 20.
Driving gear. W. R. Gorham. 2,159,694; May 23.
Driving means for a machine having a movable gauge. F. S. Schwarcz. 2,176,512; Oct. 17.
Driving means for internal combustion engines. M. J. Farrell. 2,165,791; July 11.
Driving means for phonographs. G. Rattray. 2,174,168; Sept. 26.
Driving mechanism. J. W. Allen. 2,184,032; Dec. 19.
Driving mechanism. J. H. Coyne. 2,147,733; Feb. 21.
Driving mechanism. W. T. Dunn. 2,147,737; Feb. 21.
Driving mechanism. W. T. Dunn. 2,159,428; May 23.
Driving mechanism. W. T. Dunn. 2,159,430; May 23.
Driving mechanism. R. P. Lansing. 2,155,974; Apr. 25.
Driving mechanism. R. P. Lansing. 2,172,126; Sept. 5.
Driving mechanism. E. R. Maurer. 2,154,575; Apr. 18.
Driving mechanism. H. Moore and H. E. Charlton. 2,166,873; July 18.
Driving mechanism. R. M. Nardone. 2,154,861; Apr. 18.
Driving mechanism. J. L. Perkins. 2,175,732; Oct. 10.
Driving mechanism. J. E. Regan. 2,146,687; Feb. 7.
Driving mechanism. C. R. Waseige. 2,154,591; Apr. 18.
Driving mechanism and clutch therefor. E. R. Maurer. 2,182,404; Dec. 5.
Driving mechanism, Angular. C. Drexler. 2,147,832; Feb. 21.
Driving mechanism for cycles. T. C. Delaval-Crow and E. W. Glacy. 2,181,425; Nov. 28.
Driving mechanism for cycles. E. W. Glacy and T. C. Delaval-Crow. 2,181,424; Nov. 28.
Driving mechanism for motion picture apparatus. H. N. Fairbanks and C. J. Hughey. 2,165,362; July 11.
Driving mechanism for oscillating shafts. W. S. Lowe. 2,143,705; Jan. 10.
Driving mechanism for pneumatic actions. G. W. Carlson. 2,180,793; Nov. 21.
Driving means for rotary pumps and engines. F. Rosner. 2,180,851; Nov. 21.
Driving mechanism for vehicles. H. F. Flowers. 2,176,171; Oct. 17.
Driving tool, Rotary. E. H. Shaff. 2,143,173; Jan. 10.
Driving unit for belt conveyors. T. G. Nyborg. 2,165,759; July 11.
Drop hammer board. T. Robinson. 2,158,834; May 16.
Drop-test machine, Automatic. C. W. McSwain. 2,159,036; May 23.
Dropper. A. M. and F. F. Plattring. 2,173,662; Sept. 19.
Dropper and cap, Combined. J. Hoch. 2,145,223; Jan. 24.
Dropper for carcasses and the like. O. C. Schmidt. 2,159,623; May 23.
Dropper service. S. L. Barnes. 2,163,367; June 20.
Drum. R. S. Rheem. 2,169,395; Aug. 15.
Drum brake. C. F. Clements. 2,179,543; Nov. 14.
Drum controller. R. B. Hunter and H. L. Mekelburg. 2,169,049; Aug. 8.
Drum drier. C. O. Lavett. 2,143,019; Jan. 10.
Drum for reels, Winding. F. Rindge. 2,152,282; Mar. 28.
Drum, Metal. E. Wandrey. 2,161,543; June 6.
Drum, Snare. H. H. Slingerland. 2,166,733; July 18.
Drum, Tire building. E. F. Schnedarek. 2,145,806; Jan. 31.
Drums, Closing metal. G. Brouhon. 2,158,218; May 16.
Drums, Reconstructing. R. S. Rheem. 2,175,411; Oct. 10.
Dry battery. F. MacCallum. 2,144,574; Jan. 17.
Dry cell. A. I. Eddy. 2,175,686; Oct. 10.
Dry cell. A. Gelardin. 2,149,169; Feb. 28.
Dry cell. G. A. Keller. 2,152,433; Mar. 28.
Dry cell. C. R. Lines. 2,143,245; Jan. 10.
Dry cell. O. K. Reinhardt. 2,158,151; May 16.
Dry-cleaning fluid. C. Dunbar. 2,165,356; July 11.
Dry-cleaning machine. M. Busi. 2,171,499; Aug. 29.
Dry cleaning machine. R. McI. Coram. 2,143,301; Jan. 10.
Dry-cleaning process. E. H. Bucy. 2,181,691; Nov. 28.
Dry cleaning system. M. Busi. 2,142,995; Jan. 10.
Drydock, Boat's. C. L. Rogers. 2,151,394; Mar. 21.
Dry electrolytic condenser. J. M. Booe and C. M. Blackburn. 2,177,819; Oct. 31.
Dry gas holder. K. Jagschitz. 2,166,156; July 18.
Dry gas meter. E. W. Smith, A. Charles, and R. W. E. Gaskin. 2,158,839; May 16.
Dry-shaving device. L. Wimberger. 2,181,038; Nov. 21.
Dry-sealing container. A. I. Cohen. 2,168,873; Aug. 8.
Drying apparatus. C. W. Gordon. 2,149,018; Feb. 28.
Drying apparatus. T. Müller. 2,157,716; May 9.
Drying apparatus. B. Offen. 2,183,298; Dec. 12.
Drying apparatus. A. R. Smith. 2,152,367; Mar. 28.
Drying apparatus. A. R. Smith. 2,157,775; May 9.
Drying apparatus for label machines. M. J. Brizard. 2,177,016; Oct. 24.
Drying method and apparatus. B. Offen. 2,152,770; Apr. 4.
Drying or cooling and aerating apparatus. A. J. Sackett. 2,174,897; Oct. 3.
Drying, Process and apparatus for spray. P. T. Zizinia and T. L. McKenna. 2,154,000; Apr. 11.
Drying reel. L. J. Jordan and W. F. Knebusch. 2,173,002; Sept. 12.
Drying reel. L. E. Lovett. 2,175,205; Oct. 10.
Drying system. J. B. Ohlson. 2,170,763; Aug. 22.
Dual controlled switch. B. E. Shaw. 2,151,238; Mar. 21.
Dual drum mixer. E. H. Lichtenberg and O. Sheck. 2,167,243; July 25.
Dual voltage magnetic motor. T. S. Casner. 2,174,652; Oct. 3.
Duct rodding equipment. H. F. Slocum. 2,142,290; Jan. 3.
Ducts, Apparatus for making. I. O'Rourke. 2,143,449; Jan. 10.
Ducts, Making. I. O'Rourke. 2,148,873; Feb. 28.
Dummy for ice cream confections, Sectional display. W. S. Watts. 2,173,463; Sept. 19.
Dump body for trucks. N. Severinghaus. 2,160,789; May 30.
Dump bottom car. H. W. Sanford. 2,159,292; May 23.
Dump car. W. L. Burner. 2,143,934; Jan. 17.
Dump car. J. H. Slaker. 2,181,629; Nov. 28.
Dump vehicle. C. P. Galanot. 2,168,298; Aug. 1.
Dump vehicle. R. T. Osman. 2,173,441; Sept. 19.
Dumping body. W. C. Anthony. 2,144,599; Jan. 17.
Dumping device. L. H. King. 2,145,881; Feb. 7.
Dumping device for trucks. B. G. Harley. 2,172,138; Sept. 5.
Dumping vehicle, Tractor-trailer. A. C. Rasmussen. 2,165,507; July 11.
Duodenal mucosa, Obtaining an extract of. A. B. Macallum and N. B. Laughton. 2,180,905; Nov. 21.
Duplex centrifugal separator. R. S. Clarke. 2,156,253; Apr. 25.
Duplex die. W. S. Herschel and A. H. Antrainer. 2,144,060; Jan. 17.
Duplicating. A. Marchev. 2,142,449; Jan. 3.
Duplicating apparatus. C. H. Bradt. 2,151,080; Mar. 21.
Duplicating apparatus. A. Marchev. 2,145,729; Jan. 31.
Duplicating apparatus. A. Marchev. 2,150,744; Mar. 14.
Duplicating apparatus. A. Marchev. 2,168,486; Aug. 8.
Duplicating apparatus. A. Marchev. 2,172,876; Sept. 12.
Duplicating apparatus. G. G. Neidich. 2,177,578; Oct. 24.
Duplicating attachment for typewriters. C. S. Engleman. 2,166,288; July 18.
Duplicating machine. T. W. Bannon. 2,154,718; Apr. 18.
Duplicating machine. E. J. Cook. 2,154,974; Apr. 18.
Duplicating machine. E. J. Cook. 2,176,666; Oct. 17.
Duplicating machine. F. R. Ford. 2,149,012; Feb. 28.
Duplicating machine. F. R. Ford. 2,164,707; July 4.
Duplicating machine. F. R. Ford. 2,171,061; Aug. 29.
Duplicating machine. F. R. Ford. 2,174,208; Sept. 26.
Duplicating machine. S. Kokay. 2,165,972; July 11.
Duplicating machine. R. F. Morrison. 2,144,076; Jan. 17.
Duplicating machine. I. M. Newgard. 2,160,080; May 30.
Duplicating machine. P. A. Stephenson. 2,164,549; July 4.
Duplicating machine. F. Terrier and M. Adam. 2,169,933; Aug. 15.

Duplicating, Means and method of. G. L. Nachman. 2,176,771; Oct. 17.
Duplicating mechanism. A. Marchev and H. P. Keil. 2,147,410; Feb. 14.
Duplicating method and means. D. Wolfson. 2,161,330; June 6.
Duplicator. T. L. Butterfield. 2,146,621; Feb. 7.
Duplicator. K. O. Christianson. 2,159,471; May 23.
Duplicator. C. D. Senger. 2,155,909; Apr. 25.
Duplicator. L. R. Starr. 2,146,998; Feb. 14.
Duplicator. F. W. Storck. 2,155,692; Apr. 25.
Duplicator. A. B. Wahlquist and O. De Cardy. 2,176,695; Oct. 17.
Duplicator, Flat type. M. S. Hansen. 2,166,992; July 25.
Duplicator, Rotary. C. H. Bradt. 2,154,604; Apr. 18.
Dust and fly, particularly in textile factories, as spinning mills, Method of and device for collecting. O. H. Hess. 2,151,273; Mar. 21.
Dust arising in bore holes, Apparatus for trapping. J. N. Hunter. Re. 20,998; Feb. 7.
Dust collecting apparatus. C. A. Snyder. 2,143,664; Jan. 10.
Dust collecting device. G. S. Kelley. 2,149,348; Mar. 7.
Dust-collecting means. W. Noble. 2,145,272; Jan. 31.
Dust collection apparatus. H. W. Pfeffer and H. O. Danz. 2,182,854; Dec. 12.
Dust collector. R. A. Briggs, Jr. 2,154,661; Apr. 18.
Dust collector. A. B. Osgood. 2,153,270; Apr. 4.
Dust collector. J. K. Ringius. 2,153,026; Apr. 4.
Dust collector. H. van Tongeren. 2,152,115; Mar. 28.
Dust collector for drills. J. H. Schemel. 2,167,220; July 25.
Dust collector unit, Banker. R. Ruemelin. Re. 21,277; Nov. 21.
Dusting composition. A. M. Boyce. 2,166,121–2; July 18.
Dust container. E. L. Hill. 2,149,676; Mar. 7.
Dust deflector. G. S. Kelley. 2,183,262; Dec. 12.
Dust disposal device for vacuum cleaners. C. L. La Jeunesse. 2,171,754; Sept. 5.
Dust evacuation device. S. O. Hanna. 2,170,324; Aug. 22.
Dust guard cover. P. E. Yancey. 2,142,230; Jan. 3.
Dust gun. M. E. Lusk, Jr. 2,184,191; Dec. 19.
Dust hazard eliminator. E. C. and W. E. Gledhill, G. W. Newell, and H. H. Miller. 2,183,097; Dec. 12.
Dust hood. J. H. Markley. 2,145,939; Feb. 7.
Dust mop cleaner. A. McMillan. 2,158,470; May 16.
Dustpan. E. H. Horst. 2,176,135; Oct. 17.
Dustpan. C. W. Millner. 2,171,187; Aug. 29.
Dustpan. R. I. Sheuer. 2,179,135; Nov. 7.
Dust removing apparatus. E. R. Johnson. 2,162,019; June 13.
Dust separator. H. van Tongeren. 2,152,114; Mar. 28.
Duster. A. C. McMillen. 2,172,479; Sept. 12.
Duster. V. Santarelli and J. Giacobbe. 2,179,580; Nov. 14.
Duster, Article controlled. E. W. Plambeck. 2,142,373; Jan. 3.
Duster, Reservoir foot pump. H. P. Eastman. 2,145,221; Jan. 24.
Dusting machine. R. R. Root. 2,157,630; May 9.
Dusts, etc., Handling of. C. H. Smith. 2,165,946; July 11.
Dye. S. S. Rossander. 2,148,135; Feb. 21.
Dye and making same, Mineral. C. B. White. 2,150,954; Mar. 21.
Dye, Azo. H. Jordan and S. S. Rossander. 2,164,524; July 4.
Dye composition and coloring therewith. J. G. McNally and J. A. Leermakers. 2,150,692; Mar. 14.
Dye composition, Vat. J. G. Kern. 2,145,193; Jan. 24.
Dye compositions. J. G. McNally and J. A. Leermakers. 2,146,755; Feb. 14.
Dye compositions, Vat. J. E. Cole. 2,173,506; Sept. 19.
Dye, Cyanine. W. Dieterle, R. Walter, and H. Dürr. 2,161,339; June 6.
Dye for cellulose esters and ethers. E. F. Hitch and D. E. Kvalnes. 2,173,053; Sept. 12.
Dye from cracked tar, Preparing lubricating oil. O. H. Dawson. 2,150,363; Mar. 14.
Dye from imidazolones. L. G. S. Brooker. 2,177,403; Oct. 24.
Dye from thiazolones. L. G. S. Brooker. 2,177,402; Oct. 24.
Dye from thio-oxazolediones. L. G. S. Brooker. 2,177,401; Oct. 24.
Dye, Hair. E. Lehmann. 2,162,458; June 13.
Dye intermediates and preparing them, Azo. M. A. Dahlen and F. Zwilgmeyer. 2,149,335; Mar. 7.
Dye, Photographic screening. L. D. Mannes, L. Godowsky, Jr., and B. H. Carroll. 2,143,786; Jan. 10.
Dye, Polyazo. A. R. Murphy and H. Jordan. 2,182,348; Dec. 5.
Dye retention sub for photographic film, Low. G. F. Nadeau. 2,169,004; Aug. 8.
Dye, Thiazolinotricarbocyanine. L. G. S. Brooker. 2,161,332; June 6.
Dye units and component parts thereof, Making. O. Knebel. 2,163,229; June 20.
Dye wheel. M. J. Goodwin. 2,170,712; Aug. 22.
Dyeing. P. Schlack. 2,183,754; Dec. 19.
Dyeing apparatus. B. J. Goldsmith. 2,148,069; Feb. 21.
Dyeing machine. W. A. Baldwin. 2,160,300; May 30.
Dyeing machine for yarn, Random. R. R. Janes. 2,182,752; Dec. 5.
Dyeing, Method of and device for continuous. E. Ferranti. 2,148,611; Feb. 28.
Dyeing of mineral materials. A. Pace, Jr. 2,149,979; Mar. 7.
Dyeing or bleaching machine. R. E. Oberholtzer. 2,174,474; Sept. 26.
Dyeing process and compositions therefor. J. G. Kern. 2,155,942; Apr. 25.
Dyeing textile materials. C. P. Dyer. 2,179,371; Nov. 7.
Dyeings on the fiber, Producing fast. E. Pool, G. Bonhôte, and C. Apotheker. 2,144,578; Jan. 17.
Dyeings with polyazo dyes. S. S. Rossander. 2,167,779; Aug. 1.
Dyes. W. Lange. 2,150,772; Mar. 14.
Dyes and making same, Disazo. S. S. Rossander. 2,150,191; Mar. 14.
Dyes and photographic emulsions containing the same, Merocarbocyanine. L. G. S. Brooker and F. L. White. 2,165,338; July 11.
Dyes and preparing them, Cyanine. J. D. Kendall. 2,153,927; Apr. 11.
Dyes and preparing them, Pseudocyanine. L. G. S. Brooker. 2,143,839; Jan. 17.
Dyes and producing the same on the fiber, Developable azo. S. S. Rossander. 2,164,786; July 4.
Dyes and the preparation thereof. B. Beilenson. 2,179,990; Nov. 14.
Dyes and their application, Azo. S. S. Rossander. 2,144,463; Jan. 17.
Dyes and their preparation, Azo. R. E. Etzelmiller. 2,144,219; Jan. 17.
Dyes and their preparation, Photographic sensitizing. L. G. S. Brooker. 2,170,803; Aug. 29.
Dyes, Azo. C. W. Hannum and S. S. Rossander. 2,171,364; Aug. 29.
Dyes, Azo. H. Jordan and S. S. Rossander. 2,178,757; Nov. 7.
Dyes, Azo. D. E. Kvalnes. 2,172,752; Sept. 12.
Dyes, Azo. E. A. Markush, M. S. Mayzner, and J. Miller. 2,149,703; Mar. 7.
Dyes, Azo. S. S. Rossander. 2,148,134; Feb. 21.
Dyes, Azo. S. S. Rossander. 2,155,685; Apr. 25.
Dyes, Azo. S. S. Rossander. 2,161,638; June 6.
Dyes, Azo. S. S. Rossander. 2,164,785; July 4.
Dyes, Azo. F. Zwilgmeyer. 2,167,142; July 25.
Dyes containing a thionaphthenone nucleus, Merocyanine. L. G. S. Brooker. 2,170,806; Aug. 29.
Dyes derived from 2-methyl-thiazole derivatives, Cyanine. G. A. Dawson and E. B. Middleton. 2,148,441; Feb. 28.
Dyes, Disazo. M. Mendoza. 2,177,371; Oct. 24.
Dyes, Fast polyazo. A. R. Murphy and S. S. Rossander. 2,153,201; Apr. 4.
Dyes for cellulose esters and ethers. E. F. Hitch, S. S. Rossander, and D. E. Kvalnes. 2,173,056; Sept. 12.
Dyes for cellulose esters and ethers, Monazo. E. F. Hitch. 2,173,054; Sept. 12.
Dyes for cellulose esters and ethers, Monazo. E. F. Hitch and D. E. Kvalnes. 2,173,055; Sept. 12.
Dyes for cellulose esters, Disazo. D. E. Kvalnes. 2,172,753; Sept. 12.
Dyes for photographic emulsions, Sensitizing. W. Schneider and E. Bauer. 2,157,351; May 9.
Dyes from barbituric acids, Merocyanine. L. G. S. Brooker. 2,170,807; Aug. 29.
Dyes from benzoxazoles, Merocyanine. L. G. S. Brooker. 2,170,804; Aug. 29.
Dyes from hydroxy-diarylamines, Sulphur. G. C. Strouse. 2,156,071; Apr. 25.
Dyes from ring acylated phenols, Azo. S. S. Rossander and H. E. Woodward. 2,174,998; Oct. 3.
Dyes, Intermediates for azo. H. W. Mathieu and S. S. Rossander. 2,161,628; June 6.
Dyes, Making azo. H. A. Lubs. 2,160,882; June 6.
Dyes, Metal containing trisazo. H. Krzikalla and W. Limbacher. 2,168,571; Aug. 8.
Dyes, Metalliferous azo. W. Lange. 2,152,652; Apr. 4.
Dyes, Metalliferous azo. W. Lange. 2,153,531; Apr. 4.
Dyes, Monazo. E. F. Hitch, S. S. Rossander, and D. E. Kvalnes. 2,173,052; Sept. 12.
Dyes of the cyanine series. W. Schneider. 2,143,389; Jan. 10.
Dyes of the xanthone series and making them, Monoazo. P. Petitcolas. 2,157,431; May 9.
Dyes, Preparation of. L. G. S. Brooker. 2,165,219; July 11.
Dyes, process and product, Direct. S. S. Rossander. 2,158,306; May 16.
Dyes, Producing symmetrical thioindigo. H. A. Lubs and A. J. Johnson. 2,158,032; May 9.
Dyes, Production of sulphur. R. W. Hess. 2,152,693; Apr. 4.
Dyes, Spirit soluble blue. P. W. Carleton and H. E. Woodward. 2,153,740; Apr. 11.
Dyes, Sulphur. W. Hagge and K. Haagen. 2,151,513; Mar. 21.
Dyes, Sulphur. P. Virck. 2,143,394; Jan. 10.
Dyestuff, Acid wool. W. Zerweck and H. Ritter. 2,151,543; Mar. 21.
Dyestuff and making the same. P. W. Jewel and J. R. Pratt. 2,157,667; May 9.

Dyestuff and making same, Azo. A. Siegel. 2,173,920; Sept. 26.
Dyestuff and their manufacture, Polyazo. H. Lier. 2,157,295; May 9.
Dyestuff, Anthraquinone acid wool. D. X. Klein. 2,179,217; Nov. 7.
Dyestuff, Anthraquinone acid wool. H. R. Lee. 2,172,763; Sept. 12.
Dyestuff, Azo. H. Krzikalla, H. Ufer, B. Eistert, and G. Klaproth. 2,151,518; Mar. 21.
Dyestuff heavy metal complex compounds, Azo. H. Schweitzer. 2,182,055; Dec. 5.
Dyestuff images, Producing photographic. B. Gaspar. 2,178,167; Oct. 31.
Dyestuff insoluble in water and fiber dyed therewith, Azo. M. Lange and T. Jacobs. 2,156,731; May 2.
Dyestuff intermediates of the anthraquinone series. E. C. Buxbaum. 2,180,336; Nov. 21.
Dyestuff, Mono-azo acid wool. C. T. Schultis and E. Korten. 2,150,787; Mar. 14.
Dyestuff of the anthraquinone series and producing the same, Vat. D. P. Graham. 2,167,434; July 25.
Dyestuff pastes and applying the same. J. E. Cole. 2,147,635; Feb. 21.
Dyestuff, Water insoluble azo. G. Manz, W. Zerweck, and W. Junze. 2,151,857; Mar. 28.
Dyestuffs. N. H. Haddock and C. H. Lumsden. 2,158,283; May 16.
Dyestuffs, Acid indolephenylmethane. P. Wolff and W. Werner. 2,152,613; Mar. 28.
Dyestuffs, Acid wool. C. T. Schultis and E. Korten. 2,184,948; Dec. 26.
Dyestuffs and dyestuff intermediates of the anthraquinone series. D. P. Graham. 2,179,551; Nov. 14.
Dyestuffs and fiber dyed therewith, Water-insoluble. L. Laska, A. Zitscher, and R. Heil. 2,153,539; Apr. 11.
Dyestuffs and fiber dyed therewith, Water-insoluble azo. L. Laska, A. Zitscher, and R. Heil. 2,180,297; Nov. 14.
Dyestuffs and fiber dyed therewith, Water-insoluble azo. A. Zitscher, R. Schmitt, and H. Kracker. 2,142,594; Jan. 3.
Dyestuffs and intermediates of the anthraquinone series, Preparation of. W. L. Rintelman and W. Dettwyler. 2,164,784; July 4.
Dyestuffs and intermediates of the pyrazolanthrone series. M. A. Perkins and C. E. Carr. 2,162,201; June 13.
Dyestuffs and making same, Azo. W. Huber. 2,173,417; Sept. 19.
Dyestuffs and making same, Azo. O. Kaiser. 2,169,152; Aug. 8.
Dyestuffs and making same, Azo. F. Straub and W. Widmer. 2,178,054; Oct. 31.
Dyestuffs and making same, Mordant azo. M. Müller. 2,144,992; Jan. 24.
Dyestuffs and making same, Mordant azo. M. Müller and R. Ratti. 2,154,348; Apr. 11.
Dyestuffs and making same, Polymethine. N. Roh, P. Wolff, and G. Schäfer. 2,155,447; Apr. 25.
Dyestuffs and making same, Polymethine. C. Winter, N. Roh, P. Wolff, and G. Schaefer. 2,155,459; Apr. 25.
Dyestuffs and making same, Vat. W. Kern. 2,157,341; May 9.
Dyestuffs and preparing them, Chromiferous. W. Eckert. 2,164,767; July 4.
Dyestuffs and preparing them, Valuable chromiferous. E. Fisher. 2,174,823; Oct. 3.
Dyestuffs and producing the same, Sulphurized indophenol. A. J. Johnson. 2,151,114; Mar. 21.
Dyestuffs and the manufacture thereof, Azo. P. Petitcolas. 2,169,162; Aug. 8.
Dyestuffs and their manufacture, Acid anthraquinone. C. Mettler. 2,158,473; May 16.
Dyestuffs and their manufacture, Azo. A. Conzetti. 2,158,407; May 16.
Dyestuffs and their manufacture, Azo. A. Conzetti. 2,182,721; Dec. 5.
Dyestuffs and their manufacture, Disazo. A. Krebser. 2,179,190; Nov. 7.
Dyestuffs and their manufacture, Disazo. A. Krebser. 2,180,246; Nov. 14.
Dyestuffs and their manufacture, Metal azo. W. Wehrli. 2,160,448; May 30.
Dyestuffs and their manufacture, Monoazo. A. Krebser. 2,156,593; May 2.
Dyestuffs and their manufacture, Monoazo. W. Wehrli. 2,144,556; Jan. 17.
Dyestuffs and their manufacture, Substantive polyazo. A. Krebser. 2,180,245; Nov. 14.
Dyestuffs and their manufacture, Trisazo. E. Senn. 2,183,087; Dec. 12.
Dyestuffs and their production, Azo. H. Winkeler and E. Fischer. 2,152,007; Mar. 28.
Dyestuffs, Anthraquinone. R. N. Heslop and W. W. Tatum. 2,166,353; July 18.
Dyestuffs, Anthraquinone acid wool. H. R. Lee and D. X. Klein. 2,170,385; Aug. 22.
Dyestuffs, Azo. C. Apotheker, M. Hartmann, and E. Merz. 2,159,542; May 23.
Dyestuffs, Azo. G. Bonhôte and H. Johner. 2,171,824; Sept. 5.
Dyestuffs, Azo. G. Bonhôte and C. Apotheker. 2,176,521; Oct. 17.
Dyestuffs, Azo. E. Fellmer, G. Mauthe, and H. Noerr. 2,147,834; Feb. 21.
Dyestuffs, Azo. F. Felix and R. von Capeller. 2,177,427; Oct. 24.
Dyestuffs, Azo. W. Kern and R. Tobler. 2,170,372; Aug. 22.
Dyestuffs, Azo. A. H. Knight. 2,150,380; Mar. 14.
Dyestuffs, Azo. A. H. Knight. 2,161,627; June 6.
Dyestuffs, Azo. H. Krzikalla and W. Alt. 2,181,057; Nov. 21.
Dyestuffs, Azo. H. Roos. 2,149,073; Feb. 28.
Dyestuffs, Azo. H. Roos. 2,172,691; Sept. 12.
Dyestuffs, Azo. H. Roos. 2,172,712; Sept. 12.
Dyestuffs, Azo. M. Schmid. 2,155,001; Apr. 18.
Dyestuffs, Azo. F. Suckfüll. 2,163,251; June 20.
Dyestuffs, Azo. C. Taube and O. Bayer. 2,158,843; May 16.
Dyestuffs, Azo. W. Zerweck and W. Kunze. 2,157,725; May 9.
Dyestuffs, Azo. F. Zwilgmeyer. 2,175,370; Oct. 10.
Dyestuffs capable of being chromed, Anthraquinone. G. Kränzlein, H. Schlichenmaier, and T. Meissner. 2,159,506; May 23.
Dyestuffs containing a heavy metal in a complex form, Azo. E. Fellmer. 2,175,187; Oct. 10.
Dyestuffs containing hydroxy groups and making same, Drivatives of. C. Graenacher, F. Ackermann and H. Bruengger. 2,170,262; Aug. 22.
Dyestuffs containing simultaneously radicals of anthraquinone dyestuffs and azo dyestuffs and making the same. H. Gubler and E. Bernasconi. 2,154,981; Apr. 18.
Dyestuffs containing simultaneously radicals of anthraquinone dyestuffs and azo dyestuffs and making the same. H. Gubler and E. Bernasconi. 2,167,804; Aug. 1.
Dyestuffs, Dequaternating quaternary ammonium. G. Schwarz. 2,169,434; Aug. 15.
Dyestuffs derived from 1,4,5,8-naphthalene-tetra-carboxylic acid and preparing them, Vat. W. Eckert and O. Braunsdorf. 2,143,830; Jan. 10.
Dyestuffs, Diazo. S. S. Rossander. 2,167,780; Aug. 1.
Dyestuffs, Disazo. W. Alt and H. Krzikalla. 2,169,970; Aug. 15.
Dyestuffs from carbazole-indephenols and making same, Sulphur. E. Duer. 2,147,971; Feb. 21.
Dyestuffs in finely divided form, Vat. W. M. Murch and L. G. Kline. 2,176,011; Oct. 10.
Dyestuffs, Indigoid. E. Kambli. 2,163,094; June 20.
Dyestuffs insoluble in water and fiber dyed therewith, Azo. E. Thoma and W. Seidenfaden. 2,163,073–4; June 20.
Dyestuffs insoluble in water and fiber dyed therewith, Azo. K. Zahn and K. Schimmelschmidt. 2,149,236; Feb. 28.
Dyestuffs insoluble in water, Monoazo. E. Fischer. 2,154,837; Apr. 18.
Dyestuffs, Manufacture of azo. A. H. Knight. 2,162,507; June 13.
Dyestuffs, Manufacture of chromiferous azo. W. Hanhart and P. Pieth. 2,171,828; Sept. 5.
Dyestuffs, Manufacture of metal-containing azo. M. Mendoza. 2,174,591; Oct. 3.
Dyestuffs, Manufacture of new azo. W. H. Cliffe. 2,184,515; Dec. 26.
Dyestuffs, Mono-amino-mono-azo. F. Felix, R. von Capeller, and W. Huber. 2,147,338; Feb. 14.
Dyestuffs, Mono-azo. F. Felix and W. Huber. 2,155,755; Apr. 25.
Dyestuffs, Monoazo. R. Fleischhauer. 2,181,051; Nov. 21.
Dyestuffs, Monoazo. R. Fleischhauer. 2,183,489; Dec. 12.
Dyestuffs, Monoazo. A. H. Knight. 2,153,627; Apr. 11.
Dyestuffs, Monoazo. A. H. Knight and F. Lodge. 2,155,493; Apr. 25.
Dyestuffs, New anthraquinone. W. W. Tatum. 2,153,012; Apr. 4.
Dyestuffs of the anthraquinone-acridone series, Vat. E. Kramer. 2,180,419; Nov. 21.
Dyestuffs of the anthraquinonebenzacridone series. W. Bauer. 2,185,140; Dec. 26.
Dyestuffs of the anthraquinone oxazole series. G. Kränzlein and H. Schlichenmaier. 2,174,072; Sept. 26.
Dyestuffs of the anthraquinone series. E. E. Beard and M. A. Perkins. 2,150,093; Mar. 7.
Dyestuffs of the anthraquinone series. E. C. Buxbaum. 2,180,337; Nov. 21.
Dyestuffs of the anthraquinone series. D. P. Graham. 2,152,186; Mar. 28.
Dyestuffs of the anthraquinone series. D. P. Graham. 2,179,552; Nov. 14.
Dyestuffs of the anthraquinone series. R. N. Lulek and C. F. Belcher. 2,155,359–60; Apr. 18.
Dyestuffs of the anthraquinone series. R. N. Lulek and C. F. Belcher. 2,161,967; June 13.
Dyestuffs of the anthraquinone series. E. Runne and L. W. Berlin. 2,176,437; Oct. 17.
Dyestuffs of the anthraquinone series. C. Weinand. 2,156,887; May 2.
Dyestuffs of the anthraquinone series. W. Zerwek and E. Heinrich. 2,168,947; Aug. 8.
Dyestuffs of the anthraquinone series. W. Zerweck, E. Heinrich, and O. Trösken. 2,150,793; Mar. 14.
Dyestuffs of the anthraquinone series, Alkyl sulphone. D. X. Klein. 2,176,630; Oct. 17.

Dyestuffs of the anthraquinone series, Preparation of vat. W. Mieg, F. Wieners, and W. Burneleit. 2,157,991; May 9.
Dyestuffs of the anthraquinone series, Vat. E. Berthold and J. Mueller. 2,147,569–70; Feb. 14.
Dyestuffs of the anthraquinone series, Vat. E. Honold and M. Schubert. 2,175,803; Oct. 10.
Dyestuffs of the anthraquinone series, Vat. H. Schlichenmaier and L. W. Berlin. 2,143,717; Jan. 10.
Dyestuffs of the anthraquinone series, Vat. O. Schlichting. 2,168,174; Aug. 1.
Dyestuffs of the anthraquinone series, Vat. O. Schlichting and K. Koeberle. 2,183,873: Dec. 19.
Dyestuffs of the anthrimide-carbazole series. J. Deinet. 2,162,196; June 13.
Dyestuffs of the diphenylamine series. H. Krzikalla, H. Pardon, and F. Hess. 2,177,113; Oct. 24.
Dyestuffs of the dipyrazolanthrone series, Vat. W. Zerweck and E. Gofferjé. 2,176,443; Oct. 17.
Dyestuffs on the fiber and dyeing preparations therefor, Producing water-insoluble azo. K. Jellinek. 2,175,806; Oct. 10.
Dyestuffs of the methine series. W. Müller and C. Berres. 2,179,895; Nov. 14.
Dyestuffs of the naphthalene series. R. Robl. 2,183,870–1; Dec. 19.
Dyestuffs of the naphthophenosafranine series. E. Huber. 2,178,793; Nov. 7.
Dyestuffs of the phthalocyanine series, Production of. F. Muehlbauer and G. Niemann. 2,154,912; Apr. 18.
Dyestuffs of the phthaloyl-carbazole series containing trifluoromethyl groups, Vat. H. Schlichenmaier, H. Hoyer, and L. W. Berlin. 2,174,182; Sept. 26.
Dyestuffs of the triarylmethane series. P. H. Wolff, F. Heim, C. Winter, and L. Bettag. 2,154,926; Apr. 18.
Dyestuffs of the triarylmethane series and preparing them, Chromable. W. Eckert and K. Schilling. 2,153,059; Apr. 4.
Dyestuffs of the triarylmethane series and preparing them, Chromable. W. Eckert and K. Schilling. 2,175,716; Oct. 10.
Dyestuffs of the triarylmethane series, Chromable. W. Eckert and K. Schilling. 2,183,237; Dec. 12.
Dyestuffs of the triarylmethane series, Chromable. W. Eckert and K. Schilling. 2,175,168; Oct. 10.
Dyestuffs of the 2-naphthalene-2-indolindigo series and making same, Vat. W. Zerweck and W. Brunner. 2,161,400; June 6.
Dyestuffs on substrata, Fixing. G. Widmer, R. Haller, A. Landolt, and A. Schürch. 2,169,546; Aug. 15.
Dyestuffs, Polyazo. B. Mayer and E. A. Henzi. 2,156,597; May 2.
Dyestuffs, Polyazo. H. Winkeler and A. Petz. 2,157,876–7; May 9.
Dyestuffs, Polymethine. C. Winter and N. Roh. 2,164,793; July 4.
Dyestuffs, Preparation of anthraquinone vat. H. J. Weiland and R. N. Lulek. 2,162,203; June 13.
Dyestuffs, Preparation of vat. O. Stallmann. 2,150,109; Mar. 7.
Dyestuffs, Process of producing phthalocyanine. F. Muehlbauer. 2,182,763; Dec. 5.
Dyestuffs, Producing reserves under dyeings of ester salts of leuco vat. E. Tschan. 2,182,140; Dec. 5.
Dyestuffs, Production of azo. B. v. Bock. 2,156,446; May 2.
Dyestuffs, Production of polymethin. O. F. Schulz. 2,156,464; May 2.
Dyestuffs, Reducing vat. H. A. Lubs. 2,164,930; July 4.
Dyestuffs, Secondary disazo. C. Graenacher, R. Sallmann, and H. Johner. 2,152,408; Mar. 28.
Dyestuffs, Soluble azo. M. Mendoza and G. S. J. White. 2,143,956; Jan. 17.
Dyestuffs soluble in water, Azo. E. Fischer, W. Gmelin, and R. Huss. 2,175,794; Oct. 10.
Dyestuffs soluble in water, Azo. E. Fischer and R. Huss. 2,176,853; Oct. 17.
Dyestuffs soluble in water, Disazo. E. Fischer, W. Gmelin, and R. Huss. 2,142,838; Jan. 3.
Dyestuffs soluble in water, Monoazo. E. Fischer and W. Gmelin. 2,154,838; Apr. 18.
Dyestuffs soluble in water, Monoazo. E. Fischer and R. Huss and W. Guelin. 2,164,008; June 27.
Dyestuffs soluble in water, Monoazo. E. Fischer and W. Gmelin. 2,175,795–6; Oct. 10.
Dyestuffs, Sulphur. R. L. Perkins. 2,182,350; Dec. 5.
Dyestuffs, Sulphur. E. L. Punnett. 2,182,351; Dec. 5.
Dyestuffs, Vat. W. Eichholz. 2,144,365; Jan. 17.
Dyestuffs, Vat. W. Kern. 2,175,122; Oct. 3.
Dyestuffs, Water-insoluble azo. F. Ballauf. 2,149,494; Mar. 7.
Dyestuffs, Water-insoluble azo. J. Haller. 2,161,622; June 6.
Dyestuffs, Water-insoluble azo. J. H. Helberger and C. Taube. 2,149,051; Feb. 28.
Dyestuffs, Water-soluble azo. H. Schweitzer, O. Bayer, and G. Schrader. 2,154,186; Apr. 11.
Dynamic expansion circuit. H. Bartels and G. Ulbricht. 2,162,875; June 20.
Dynamo-electric machine. J. C. Aydelott. 2,156,958; May 2.
Dynamo-electric machine. E. L. Barrett. 2,177,472; Oct. 24.
Dynamo-electric machine. P. M. Currier. 2,166,801; July 18.
Dynamo-electric machine. L. Greer. 2,183,396; Dec. 12.
Dynamo-electric machine. J. Grünschneder. 2,183,397; Dec. 12.
Dynamo-electric machine. R. W. Hall. 2,180,983; Nov. 21.
Dynamo-electric machine. R. W. Hall and H. A. Smith. 2,169,097; Aug 8.
Dynamo-electric machine. M. R. Hanna. 2,167,360; July 25.
Dynamo-electric machine. J. I. Hull. 2,148,296; Feb. 21.
Dynamo-electric machine. C. W. Lange. 2,169,100; Aug. 8.
Dynamo-electric machine. A. H. Morey. 2,153,386; Apr. 4.
Dynamo-electric machine. W. J. Morrill. 2,151,561; Mar. 21.
Dynamo-electric machine. S. A. Moss. 2,167,487; July 25.
Dynamo-electric machine. A. P. Wood. 2,157,046; May 2.
Dynamo-electric machine, Alternating-current. E. W. Krebs. 2,160,594; May 30.
Dynamo-electric machine, Commutator. P. W. Robinson. 2,143,713; Jan. 10.
Dynamo-electric machine, Permanent magnet. F. Plötz. 2,163,496; June 20.
Dynamo-electric machinery. W. J. Oesterlein. 2,179,561; Nov. 14.
Dynamo-electric machines, Operation of. A. F. Kenyon. 2,183,993; Dec. 19.
Dynamo, Ocean wave. A. B. Snider. 2,156,550; May 2.
Dynamo plant, Prime mover. R. M. Heintz. 2,184,236; Dec. 19.
Dynamo plant, Prime mover. R. L. Humbert and E. R. Witzel. 2,165,969; July 11.
Dynamometer. E. J. Martin. 2,147,711; Feb. 21.
Dynamometer, Portable. C. C. Bennett. 2,144,010; Jan. 17.
Dynamometer, Transmission. N. S. Muir. 2,173,039; Sept. 12.
Dynatron oscillation system. L. E. Bessemer. 2,175,174; Oct. 10.
Ear and forehead protector. T. P. Gribbin. 2,159,435; May 23.
Ear and neck protector. D. W. Fairchild. 2,149,210; Feb. 28.
Earcap for telephone receivers. N. P. R. Jarnak. 2,153,044; Apr. 4.
Earphone support. H. C. Harrison. 2,149,341; Mar. 7.
Earpiece. N. A. Kurman. 2,156,632; May 2.
Ear protector. F. M. Roos. 2,148,838; Feb. 28.
Earth-boring apparatus, Hydraulic. K. Böll and A. Edelhoff. 2,169,718; Aug. 15.
Earth boring drill, Cross roller. C. E. Reed. 2,177,334; Oct. 24.
Earth conditioning machine. E. T. Gard. 2,154,840; Apr. 18.
Earth moving device. E. W. Austin. 2,159,348; May 23.
Earth moving device. E. W. Austin. 2,162,993; June 20.
Earth moving device. E. W. Austin. 2,180,658; Nov. 21.
Earth resistance meter. S. W. Borden. 2,176,758; Oct. 17.
Earth scooping and conveying-off apparatus, Self-propelled. H. K. Richwine. 2,157,968; May 9.
Earth scooping structure. H. K. Richwine. 2,142,919; Jan. 3.
Earth transient in geophysical prospecting, Electric. L. W. Blau and L. Statham. 2,160,824; June 6.
Earth working apparatus. C. A., Sr., C. A., Jr., and G. G. Ragland. 2,171,098; Aug. 29.
Earth working implement. G. R. Ego. 2,184,416; Dec. 26.
Easel. A. M. Barrett. 2,181,390; Nov. 28.
Easel. M. E. and W. S. Evans. 2,160,456; May 30.
Easel. V. Fortunato. 2,164,152; June 27.
Easel. T. Jarrett. 2,142,317; Jan. 3.
Easel. L. van Pappelendam. 2,156,226; Apr. 25.
Easel, Display. F. A. Binder. 2,143,368; Jan. 10.
Easel, Display. P. G. Ryan. 2,143,089; Jan. 10.
Easel, Folding. A. J. Housman and W. S. Evans. 2,160,457; May 30.
Easel, Photographic enlarging. J. M. Rodriguez. 2,166,878; July 18.
Easy opening can. P. E. Pearson. 2,181,339; Nov. 28.
Eave trough protector. M. B. Fry. 2,175,521; Oct. 10.
Ebullition-type cooler. N. H. Gay. 2,147,788; Feb. 21.
Ecclesiastical device. R. F. Brennan. 2,158,531; May 16.
Edge bending device. H. G. Flagler. 2,146,949; Feb. 14.
Edge-binding machine. W. S. Bessett. 2,175,050; Oct. 3.
Edge construction for seats, Resilient. T. W. Foote. 2,146,136; Feb. 7.
Edge cutting die, Sharp. L. F. Exley. 2,178,473; Oct. 31.
Edge molding process. W. R. Moss and S. E. Palmer. 2,145,887; Feb. 7.
Edge on metal members, Method of and apparatus for forming shaped. H. H. Mose. 2,184,560; Dec. 26.
Edge protector, Nonrub fur coat. D. Feshbach. 2,168,618; Aug. 8.
Edge rolling. H. D. Cook. 2,184,582; Dec. 26.

Edge-setting machine. B. R. and B. H. Boyson. 2,151,498; Mar. 21.
Edge setting machine. O. L. Lawson. 2,147,708; Feb. 21.
Edge, Upholstery. J. S. Wainess. 2,184,572; Dec. 26.
Edges. Apparatus for coating beveled. A. W. Baldwin. 2,165,210; July 11.
Edger. C. Stone. 2,149,235; Feb. 28.
Edging and the like, Shelf. D. W. Klau. 2,143,075; Jan. 10.
Edible and method of making. L. W. Anderson. 2,142,088; Jan. 3.
Edible product. D. Farr. 2,168,980; Aug. 8.
Edible product, Producing an. D. Farr. 2,181,655; Nov. 28.
Educational and amusement device. W. E. Barnard. 2,153,231; Apr. 4.
Educational apparatus. F. H. Broome. 2,144,216; Jan. 17.
Educational apparatus. R. E. Harris. 2,184,120; Dec. 19.
Educational device. W. Keilwagen. 2,182,084; Dec. 5.
Educational device. M. and M. Lodewick. 2,170,971; Aug. 29.
Educational device. T. B. Morehouse. 2,149,459; Mar. 7.
Educational device. J. J. Ray. 2,157,058; May 2.
Educational device. C. C. Taylor. 2,162,766; June 20.
Educational device, Visual. P. F. Boston. 2,142,171; Jan. 3.
Educational system. C. N. Smith. 2,154,478; Apr. 18.
Eduction device. J. N. Burdick and E. E. Sommer. 2,183,639; Dec. 19.
Efficiency meter. E. H. Kurth. 2,176,502; Oct. 17.
Egg beater and whip. P. Crissey. 2,148,399; Feb. 21.
Egg candler and stamper. J. Roberts. 2,167,853; Aug. 1.
Egg candling machine. C. Harbison. 2,144,657; Jan. 24.
Egg-candling machine. R. R. Haugh. 2,175,262; Oct. 10.
Egg candling machine. J. W. Johnson. 2,150,375; Mar. 14.
Egg composition. M. B. Katzman. 2,176,078; Oct. 17.
Egg composition. M. B. Katzman. 2,176,080; Oct. 17.
Egg container. E. S. Dreux. 2,175,559; Oct. 10.
Egg grading and packing machine. G. A. Swartz. 2,160,319; May 30.
Egg grading device. J. A. Templeman. 2,165,423; July 11.
Egg handling device. S. Freed. 2,177,595; Oct. 24.
Egg holding means. C. Thom. 2,149,034; Feb. 28.
Egg material. B. R. Harris and M. C. Reynolds. 2,142,510; Jan. 3.
Egg material. Reconstitution of dried. L. D. Mink. 2,183,515; Dec. 12.
Egg material, Treating. B. R. Harris. 2,151,760; Mar. 28.
Egg material, Treating liquid. M. C. Reynolds. 2,162,316; June 13.
Egg material treatment. L. D. Mink. 2,183,516; Dec. 12.
Egg opening implement. J. B. Mars. 2,143,893; Jan. 17.
Egg product. B. R. Harris and M. C. Reynolds. 2,142,511; Jan. 3.
Egg product. R. C. Newton and L. D. Mink. 2,182,209; Dec. 5.
Egg separator. V. T. Milward. 2,150,719; Mar. 14.
Eggshell perforating machine, Automatic. G. T. Thomas. 2,172,419; Sept. 12.
Egg supporting means for incubators. J. M. Heuer 2,177,255; Oct. 24.
Egg testing device. A. Schwarzkopf. 2,166,706; July 18.
Egg testing method and machine. F. L. Rivenburgh. 2,149,686; Mar. 7.
Egg transfer device. J. G. Rietfort. 2,164,222; June 27.
Egg white process. V. D. Littlefield. 2,168,926; Aug. 8.
Egg white product and preparing the same. V. D. Littlefield. 2,166,070; July 11.
Eggs and apparatus for carrying out said process, Preserving. J. L. G. Meyer and J. V. Raskie. 2,184,063; Dec. 19.
Eggs and hatching chickens, as well as pheasants and the like, Incubation of. W. T. Hager. 2,155,937; Apr. 25.
Eggs and hatching chicks therefrom, Apparatus for incubating. I. M. and R. M. Petersime. 2,176,745; Oct. 17.
Eggs, Filtering. F. B. Lomax. Re. 21,122; June 20.
Eggs, Preserving. H. H. Stamper. 2,160,604; May 30.
Ejector for ejecting printed articles from a printing machine. J. Krell. 2,161,712; June 6.
Ejector for motion picture apparatus of the magazine type. O. Wittel. 2,153,220; Apr. 4.
Ejector, Hydraulic. A. R. Brewer. 2,146,790; Feb. 14.
Ejector plant, Pneumatic. H. Bentley. 2,180,274; Nov. 14.
Elastic composition. A. A. McCormack. 2,149,975; Mar. 7.
Elastic coupling. J. Baumann. 2,158,847; May 16.
Elastic coupling. C. Schürmann. 2,165,731; July 11.
Elastic fabric. W. Mendel. 2,142,908; Jan. 3.
Elastic fabric. P. Nathanson and G. F. Hofmann. 2,184,751; Dec. 26.
Elastic fabric, Reversible woven. H. F. Lord. 2,170,563; Aug. 22.
Elastic fabric, Woven. J. V. Moore. 2,177,439; Oct. 24.
Elastic mounting device. F. Schmidt. 2,180,613; Nov. 21.
Elastic pipe joint. M. C. Allen and R. G. Shelley. 2,170,181; Aug. 22.
Elastic products with a textile base, Manufacture of. L. S. M. and E. J. A. Lejeune. 2,153,963; Apr. 11.
Elastic system. A. Dubonnet. 2,160,541; May 30.
Elastic textile fabric. A. Vamos. 2,184,772; Dec. 26.
Elbow and kindred pipe fittings. E. S. Cornell, Jr. 2,155,080; Apr. 18.
Elbow for connecting air cleaners and carburetors. H. F. Barr and J. W. Ridgway. 2,153,069; Apr. 4.
Electric apparatus power saver. E. A. Hobart. 2,170,861; Aug. 29.
Electric appliance. J. J. Gough. 2,176,855; Oct. 17.
Electric appliance. E. S. Preston. 2,167,995; Aug. 1.
Electric appliance structure. H. A. Smith. 2,179,761; Nov. 14.
Electric arc discharge lamp. C. W. Hansell. 2,184,386; Dec. 26.
Electric arc furnace. K. Schneider and H. Schunck. 2,164,024; June 27.
Electric arc furnace. K. Schneider and H. Schunck. 2,171,435–6; Aug. 29.
Electric arc illumination. J. E. Robin. 2,145,134; Jan. 24.
Electric attachment plug. M. Polis. 2,179,861; Nov. 14.
Electric attachment plug, Swivel. J. A. Sherman. 2,145,897; Feb. 7.
Electric baking iron. M. Kovensky. 2,153,256; Apr. 4.
Electric blasting cap. L. A. Burrows and S. L. Handforth. 2,153,171; Apr. 4.
Electric boiler. E. M. Frankel and A. Pollak. 2,179,781; Nov. 14.
Electric cable. H. Charmoy. 2,147,337; Feb. 14.
Electric cable. C. L. Chatham. 2,163,235; June 20.
Electric cable. J. Collard. 2,153,174; Apr. 4.
Electric cable. I. T. Faucett. 2,147,402; Feb. 14.
Electric cable. G. Meybauer. 2,169,108; Aug. 8.
Electric cable. S. J. Rosch. 2,172,760; Sept. 12.
Electric cable. G. W. Zink. 2,157,377; May 9.
Electric cable. P. V. Hunter, L. G. Brazier, and H. Hill. 2,149,771; Mar. 7.
Electric cable. P. V. Hunter and H. Hill. 2,149,772; Mar. 7.
Electric cable, Gas pressure. E. Kirch. 2,159,742; May 23.
Electric cable, High pressure fluid insulated. E. Kirch. 2,145,182; Jan. 24.
Electric cable, High tension. E. A. Mitchell. 2,145,092; Jan. 24.
Electric capacitor. F. M. Clark. 2,170,782; Aug. 22.
Electric circuit. B. D. Bedford. 2,152,457; Mar. 28.
Electric circuit. F. F. Brand. 2,180,193; Nov. 14.
Electric circuit. J. W. Butler. 2,158,926; May 16.
Electric circuit. H. E. Edgerton. 2,152,39; Apr. 4.
Electric circuit. L. F. Hemphill. 2,184,344; Dec. 26.
Electric circuit. O. P. McCarty. 2,175,905; Oct. 10.
Electric circuit. L. F. Blume and L. V. Bewley. 2,152,462–3; Mar. 28.
Electric circuit. R. C. Buell, S. B. Crary, J. W. Butler, and C. Concordia. 2,149,082; Feb. 28.
Electric circuit breaker. G. Balachowsky. 2,158,846; May 16.
Electric circuit breaker. R. E. Bold. 2,185,166; Dec. 26.
Electric cleaner, Broad sweep. D. B. Replogle. 2,146,763; Feb. 14.
Electric communication system. H. R. Allensworth. 2,177,512; Oct. 24.
Electric condenser. W. Braunschweig. 2,171,231; Aug. 29.
Electric condenser. K. G. Coutlée. 2,160,646; May 30.
Electric condenser. K. Marquardt. 2,162,471; June 13.
Electric condenser. H. Waterman. 2,145,842; Jan. 31.
Electric condensers, Making. F. Weiss. 2,162,925; June 20.
Electric conducting element. H. A. M. van Hoffen. 2,165,738; July 11.
Electric conductivity of liquids, Apparatus for measuring the. F. Lieneweg and W. Geyger. 2,173,233; Sept. 19.
Electric conductor, Convertible. L. F. Phillips. 2,155,060; Apr. 18.
Electric conductor, Hollow. S. F. French. 2,154,502; Apr. 18.
Electric connector. A. F. Hopkins, Jr. 2,148,467; Feb. 28.
Electric connector. M. M. Kauffman. 2,159,660; May 23.
Electric connector. R. N. Rowe. 2,164,022; June 27.
Electric connector. D. Woodhead. 2,151,882; Mar. 28.
Electric-connector switch. J. J. Gough. 2,149,049; Feb. 28.
Electric contact. O. Leopold. 2,180,155; Nov. 14.
Electric contact combination. K. L. Emmert. 2,151,905; Mar. 28.
Electric contact member. H. T. Bassmann. 2,170,317; Aug. 22.
Electric contacting element. F. R. Hensel and K. L. Emmert. 2,180,827; Nov. 21.
Electric control and indicating means. B. D. Bedford. 2,169,866; Aug. 15.

Electric control circuit. J. E. Anderson. 2,175,009; Oct. 3.
Electric control circuit. W. D. Cockrell. 2,175,017; Oct. 3.
Electric control device. E. G. Lodge. 2,178,283; Oct. 31.
Electric control mechanism. H. B. Middleton. 2,182,850; Dec. 12.
Electric control system. H. W. Lord. 2,158,878; May 16.
Electric control system. R. S. MacFarlane. 2,158,135; May 16.
Electric controller. F. Arndt, A. Rausch, and W. Staffel. 2,160,635; May 30.
Electric controlling apparatus. F. G. Logan. 2,161,179; June 6.
Electric controlling apparatus. S. E. Schultz. 2,171,996; Sept. 5.
Electric cut-out. R. S. Bennett. 2,170,676; Aug. 22.
Electric device and circuit therefor, Light sensitive. W. F. Kannenberg. 2,160,383; May 30.
Electric device and dielectric materials therefor. F. M. Clark. 2,143,685; Jan. 10.
Electric device, Enclosed. J. G. Jackson. 2,146,627; Feb. 7.
Electric device, Enclosed. H. L. Van Valkenburg. 2,177,756; Oct. 31.
Electric devices, Mounting interchangeable. R. H. Bentley. 2,160,713; May 30.
Electric discharge apparatus. H. Beck. 2,144,520; Jan. 17.
Electric discharge apparatus. M. A. Edwards. 2,170,446–9; Aug. 22.
Electric discharge apparatus. T. E. Foulke. 2,177,883; Oct. 31.
Electric discharge apparatus. F. H. Gulliksen. 2,165,048; July 4.
Electric discharge apparatus. H. W. Lord. 2,170,456–7; Aug. 22.
Electric discharge apparatus. L. Smede. 2,162,519; June 13.
Electric discharge apparatus. J. E. Beggs and W. E. Birchard. 2,151,580; Mar. 21.
Electric discharge apparatus. J. Bethenod and D. A. Kayser. 2,177,684; Oct. 31.
Electric discharge arc lamp, Gaseous. W. Elenbaas. 2,177,695; Oct. 31.
Electric discharge device. H. F. Dalpayrat. 2,171,490; Aug. 29.
Electric discharge device. L. J. Davies. 2,177,690; Oct. 31.
Electric discharge device. O. Krenzien. 2,156,631; May 2.
Electric discharge device. H. T. Maser. 2,166,817; July 18.
Electric discharge device. L. E. Flory and G. A. Morton. 2,156,625; May 2.
Electric discharge device. L. E. Flory and G. A. Morton. 2,173,229; Sept. 19.
Electric discharge device. V. J. Francis and J. W. Ryde. 2,152,992; Apr. 4.
Electric discharge device. O. Karl and H. Kniepkamp. 2,172,205; Sept. 5.
Electric discharge device. E. A. Massa and G. A. Morton. 2,178,238; Oct. 31.
Electric discharge device. G. A. Morton and L. E. Flory. 2,165,806; July 11.
Electric discharge device. G. H. Rockwood, Jr. 2,184,756; Dec. 26.
Electric discharge device. V. K. Zworykin and L. Malter. 2,157,585; May 9.
Electric discharge device, Gaseous. A. Rüttenauer. 2,178,436; Oct. 31.
Electric discharge device, Gaseous. H. Alterthum and A. Lompe. 2,182,776–7; Dec. 12.
Electric discharge device, Gaseous. H. Alterthum, A. Lompe, and K. Wiegand. 2,182,778; Dec. 12.
Electric discharge device, Gaseous. H. Alterthum and A. Lompe. 2,182,779–80; Dec. 12.
Electric discharge device, Gaseous. R. L. Breadner and A. G. Pearce. 2,162,546; June 13.
Electric discharge device, Gaseous. H. Jancke and R. Rompe. 2,152,996; Apr. 4.
Electric discharge device, Gaseous. W. Elenbaas, G. B. Jonas, and A. van Wyk. 2,152,988; Apr. 4.
Electric discharge device, Gaseous. H. Krefft, W. Hänlein, and M. Wagner. 2,161,824; June 13.
Electric discharge device, Gaseous. H. Krefft, K. Larché, and M. Thomas. 2,177,728; Oct. 31.
Electric discharge device, High-pressure metal-vapor. V. J. Francis and J. W. Ryde. 2,172,839; Sept 12.
Electric discharge device systems. L. A. Schuttig. 2,173,315; Sept. 19.
Electric discharge devices, Method and apparatus for flashing. G. E. Inman. 2,178,423; Oct. 31.
Electric discharge devices with materials excited to luminescence by the discharge through them, Combination of. J. T. Randall. 2,174,449; Sept. 26.
Electric discharge lamp. O. H. Biggs. 2,181,294; Nov. 28.
Electric discharge lamp. G. E. Inman. 2,146,579; Feb. 7.
Electric discharge lamp. H. J. McCarthy. 2,181,296; Nov. 28.
Electric discharge lamp. W. J. Scott. 2,153,008–9; Apr. 4.
Electric discharge lamp. A. G. Stimson. 2,175,929; Oct. 10.
Electric discharge lamp, Gaseous. L. B. Johnson. 2,152,997; Apr. 4.
Electric discharge lamp, Gaseous. R. Rompe. 2,153,005; Apr. 4.
Electric discharge lamp, Gaseous. A. Ruttenauer and O. Fritze. 2,156,068; Apr. 25.
Electric discharge lamp, High-pressure metal vapor. V. J. Francis. 2,177,702; Oct. 31.
Electric discharge lamp, High-pressure metal vapor. H. G. Jenkins, J. W. Ryde, and G. H. Wilson. 2,177,712; Oct. 31.
Electric discharge system. C. J. R. H. von Wedel. 2,172,630–1; Sept. 12.
Electric discharge system, Gaseous. H. Wojtkowiak. Re. 21,233; Oct. 10.
Electric discharge tube. J. H. de Boer. 2,172,968; Sept. 12.
Electric discharge tube. A. Katsch. 2,184,841; Dec. 26.
Electric discharge tube. H. Wendlik. 2,157,722; May 9.
Electric discharge tube. O. Baier and A. Katsch. 2,170,648; Aug. 22.
Electric disconnect device. B. R. Hermann. 2,146,577; Feb. 7.
Electric disconnecting device. L. J. Linde. 2,176,718; Oct. 17.
Electric distribution system. H. Weichsel. 2,173,672–3; Sept. 19.
Electric distribution, System of. A. E. Anderson and H. Bany. 2,169,863; Aug. 15.
Electric door switch. W. O. Hodges. 2,153,835; Apr. 11.
Electric drill. F. V. Forss. 2,158,228; May 16.
Electric drive system. A. Stubbs and R. Townend. 2,185,043; Dec. 26.
Electric equipment. J. D. Stacy. 2,158,868; May 16.
Electric feeder distribution system. H. A. Samer. 2,148,136; Feb. 21.
Electric fixture. G. B. Benander and G. P. Schwabacher. 2,162,545; June 13.
Electric fixture. G. B. Benander and G. P. Schwabacher. 2,173,705; Sept. 19.
Electric fuel pump. J. B. Whitted. 2,169,862; Aug. 15.
Electric furnace. W. Adam, Jr. 2,145,677; Jan. 31.
Electric furnace. F. W. Atkinson, D. Kleist, G. Slayter, J. H. Thomas, and G. M. Lannan. 2,159,361; May 23.
Electric furnace. K. Erdmann. 2,154,737; Apr. 18.
Electric furnace. T. D. Kelly. 2,167,575; July 25.
Electric furnace. G. Mars and R. Hirsch. 2,144,886; Jan. 24.
Electric furnace. C. M. Weinheimer and P. E. Cardell. 2,147,071; Feb. 14.
Electric generator. R. A. Erren. 2,177,801; Oct. 31.
Electric generator, Wind operated. G. J. Roberts and W. H. Edmonds. 2,153,523; Apr. 4.
Electric generating plant. M. W. Wilson. 2,162,685; June 13.
Electric generating system for aircraft and domestic service. W. B. Scott. 2,179,962; Nov. 14.
Electric glow system. A. J. McMaster and K. H. Sommermeyer. 2,174,500; Sept. 26.
Electric heater. N. E. Abbate. 2,154,021; Apr. 11.
Electric heater. F. B. Adam. 2,162,341; June 13.
Electric heater. G. E. Atkinson and H. M. Jones. 2,155,289; Apr. 18.
Electric heater. U. Curci. 2,153,239; Apr. 4.
Electric heater. T. E. Dadson. 2,177,173; Oct. 24.
Electric heater. F. J. Ewald, Jr. 2,166,807; July 18.
Electric heater. G. Fredrickson. 2,177,299; Oct. 24.
Eletric heater. A. H. Happe. 2,163,036; June 20.
Electric heater. W. H. Martz. 2,175,668; Oct. 10.
Electric heater. L. Navias. 2,170,692; Aug. 22.
Electric heater. C. A. Nickle and G. R. Brophy. 2,150,780; Mar. 14.
Electric heater. E. J. Peck. 2,175,307; Oct. 10.
Electric heater. C. P. Randolph. 2,155,239; Apr. 18.
Electric heater. D. A. Shepherd and M. C. Stewart. 2,174,951; Oct. 3.
Electric heater. C. Sykes and W. Needham. 2,167,494; July 25.
Electric immersion heater. W. H. Bulpitt. 2,172,495; Sept. 12.
Electric immersion heater. W. H. Bulpitt. 2,173,708; Sept. 19.
Electric incandescent lamp. P. O. Cartun and W. D. Pew. 2,164,288; June 27.
Electric incandescent lamp. E. Friederich and W. Meyer. 2,170,683; Aug. 22.
Electric incandescent lamp, Multiple filament. I. Warshawsky. 2,161,443; June 6.
Electric indicating and control system. A. S. Fitz Gerald. 2,145,591; Jan. 31.
Electric indicating device. W. Beuermann. 2,162,239; June 13.
Electric indicating system. J. B. Saxe. 2,178,314; Oct. 31.
Electric iron. R. H. Beach. 2,151,888; Mar. 28.
Electric iron. T. Cole. 2,165,343; July 11.
Electric iron. C. Du Pree and A. Ackerman. 2,161,145; June 6.
Electric iron. A. W. French. 2,150,029; Mar. 7.
Electric iron. F. W. Nilson. 2,148,083; Feb. 21.

Electric iron. A. C. Schmidt and C. W. Bruger. 2,152,502; Mar. 28.
Electric iron. J. W. Steele. 2,182,683; Dec. 5.
Electric iron, Cordless. H. E. Brannon. 2,147,085; Feb. 14.
Electric iron, Self-propelled. H. Rossen. 2,164,085; June 27.
Electric lamp. W. O. Benjafield. 2,166,282; July 18.
Electric lamp. J. Bergmans, H. van der Veen, and W. L. Vervest. 2,144,521; Jan. 17.
Electric lamp. C. Birdseye. 2,142,104; Jan. 3.
Electric lamp. C. Birdseye. 2,157,051; May 2.
Electric lamp. H. D. Blake. 2,158,849; May 16.
Electric lamp. W. Elenbaas, E. G. Dorgelo, and H. J. Lemmens. 2,185,025; Dec. 26.
Electric lamp. M. D. Fernández. 2,161,621; June 6.
Electric lamp. E. Friederich. 2,177,705; Oct. 31.
Electric lamp. M. C. Harley. 2,149,172; Feb. 28.
Electric lamp. W. J. Hitchcock. 2,166,781; July 18.
Electric lamp. H. Krefft and K. Larché. 2,156,057; Apr. 25.
Electric lamp. M. E. Macksoud. 2,171,580; Sept. 5.
Electric lamp. F. N. Mariani. 2,165,563; July 11.
Electric lamp. A. G. Mueller. 2,158,884; May 16.
Electric lamp. A. Rüttenauer. 2,176,151; Oct. 17.
Electric lamp. A. Sittel. 2,153,398; Apr. 4.
Electric lamp. W. Sobczak and G. Thal. 2,165,987; July 11.
Electric lamp. C. Spaeth. 2,179,455; Nov. 7.
Electric lamp. J. A. M. Van Liempt and W. Elenbaas. 2,164,183; June 27.
Electric lamp. D. K. Wright. 2,148,314–5; Feb. 21.
Electric lamp, Combination. B. R. Lieberman. 2,167,458; July 25.
Electric lamp, Gas-filled. E. G. Dorgelo. 2,180,141; Nov. 14.
Electric lamp, Incandescent. J. M. Kendall. 2,151,325; Mar. 21.
Electric lamp, Incandescent. R. B. Thomas. 2,147,584; Feb. 14.
Electric lamp, Liquid-cooled. J. W. Ryde. 2,150,007; Mar. 7.
Electric lamp, Portable. I. Florman. 2,180,228; Nov. 14.
Electric lamp, Tubular incandescent. C. Birdseye. 2,144,438; Jan. 17.
Electric light mounting. L. Lander. 2,156,787; May 2.
Electric line, Loaded. L. N. Brillouin. 2,147,189; Feb. 14.
Electric lines to a support, Means to secure. E. Gentsch. 2,161,860; June 13.
Electric loom. J. L. Young, Jr. 2,146,611; Feb. 7.
Electric machines, Testing. J. Rebhan and R. Elsner. 2,162,539; June 13.
Electric meter. S. S. Green. 2,149,287; Mar. 7.
Electric meter. S. S. Green. 2,167,649; Aug. 1.
Electric meter. S. S. Green. 2,168,290; Aug. 1.
Electric meter. S. S. Green. 2,170,753; Aug. 22.
Electric meter. M. E. Nulsen and L. R. Goetz. 2,167,083; July 25.
Electric meter box. H. Heanes. 2,167,419; July 25.
Electric metering device. A. V. Wurmser. 2,147,729; Feb. 21.
Electric mine lamp, Safety. W. K. Wilbur and G. C. Nelms. 2,165,193; July 4.
Electric motor. E. L. Barrett. 2,164,633; July 4.
Electric motor. S. S. Brinda. 2,176,118; Oct. 17.
Electric motor. J. H. Cohen and J. Youhouse. 2,181,418; Nov. 28.
Electric motor. G. Dalkowitz. 2,183,549; Dec. 19.
Electric motor. I. Jepson. 2,165,858; July 11.
Electric motor. E. F. Kohl. 2,158,823; May 16.
Electric motor. O. Lindell. 2,164,250; June 27.
Electric motor. H. List. 2,173,282; Sept. 19.
Electric motor. J. Schick. 2,177,080; Oct. 24.
Electric motor. B. F. Schmidt. 2,169,617; Aug. 15.
Electric motor. J. Shebol. 2,169,539; Aug. 15.
Electric motor. E. Steinmann. 2,149,559; Mar. 7.
Electric-motor device, Make-and-break. W. Kohlhagen. 2,153,761; Apr. 11.
Electric motor, Miniature. W. L. Hansen. 2,144,656; Jan. 24.
Electric motor, Reversible. E. L. Barrett. 2,149,569; Mar. 7.
Electric motor, Self-starting synchronous. A. B. Poole. 2,153,775; Apr. 11.
Electric motor, Submersible. T. G. Myers and F. Mason. 2,157,424; May 9.
Electric motor switch. B. L. Conley. 2,184,411–12; Dec. 26.
Electric motor, Vibratory. W. H. Young. 2,175,237; Oct. 10.
Electric outdoor display system. J. P. Tarbox and L. Schiff. 2,170,167; Aug. 22.
Electric outlet box. H. L. Arnest. 2,149,719; Mar. 7.
Electric ozone generator. J. M. Daily. 2,159,206; May 23.
Electric plug. E. B. Barnitz. 2,177,797; Oct. 31.
Electric plug. A. Carlino. 2,158,691; May 16.
Electric plug. N. Chirelstein. 2,159,938–9; May 23.
Electric plug. G. Eaton. 2,159,139; May 23.
Electric plug. E. E. Folsom. 2,174,383; Sept. 26.
Electric plug. V. Gardner. 2,183,067; Dec. 12.
Electric plug. H. Hummel. 2,161,353; June 6.
Electric potential converter and circuits therefor. M. E. Nulsen and D. H. Mitchell. 2,167,084; July 25.
Electric power indicator. W. Ryan. 2,180,169; Nov. 14.
Electric power system. R. S. MacFarlane. 2,158,136; May 16.
Electric power transmission. A. M. Taylor. 2,180,264; Nov. 14.
Electric power transmission and distribution system. A. R. Locke. 2,173,121; Sept. 19.
Electric power transmission system, Parallel. K. Maekawa. 2,182,297; Dec. 5.
Electric protective device. C. E. Baston. 2,175,821; Oct. 10.
Electric protective device. J. R. Hathaway. 2,172,677; Sept. 12.
Electric protective system and apparatus. S. Horikoshi. 2,158,859; May 16.
Electric pump. N. C. Price. 2,149,545; Mar. 7.
Electric receptacle. G. E. Blinn. 2,155,925; Apr. 25.
Electric receptacle. L. W. Cook. 2,149,084; Feb. 28.
Electric receptacle. C. V. Dame. 2,180,197; Nov. 14.
Electric regulating system. A. Schmidt, Jr. 2,157,834; May 9.
Electric regulation. F. W. Godsey, Jr. 2,170,193; Aug. 22.
Electric resistance. W. A. K. De Schrevel. 2,149,841; Mar. 7.
Electric separating filter. H. Nitz. 2,167,522; July 25.
Electric service switch. G. E. Palmer. 2,146,648; Feb. 7.
Electric shaft furnace. K. Erdmann. 2,161,916; June 13.
Electric shampoo container. J. T. and C. Edwards. 2,150,762; Mar. 14.
Electric sign. E. L. Ballew. 2,147,232; Feb. 14.
Electric sign. H. A. Fuller. 2,155,936; Apr. 25.
Electric sign. E. R. Nickel. 2,157,185; May 9.
Electric snap switch. A. W. Krieger. 2,171,368; Aug. 29.
Electric snap switch. G. J. Meuer. 2,143,162; Jan. 10.
Electric steam generator. K. Beyrodt. 2,145,287; Jan. 31.
Electric steam generator. G. W. Watson. 2,164,482; July 4.
Electric steam iron. L. L. Jones. 2,179,259; Nov. 7.
Electric stock prod. L. A. Hansen and M. F. Clough. 2,176,994; Oct. 24.
Electric storage battery. W. L. Gill. 2,154,841; Apr. 18.
Electric surfacing tool. W. E. Holt. 2,152,352; Mar. 28.
Electric switch. M. S. Alcoran. 2,185,071; Dec. 26.
Electric switch. J. B. Badeaux. 2,174,410; Sept. 26.
Electric switch. H. W. Batcheller. 2,182,937; Dec. 12.
Electric switch. G. R. Brown. 2,142,107; Jan. 3.
Electric switch. G. R. Brown. 2,150,758; Mar. 14.
Electric switch. G. H. Bugenhagen. 2,167,543; July 25.
Electric switch. P. M. Christensen. 2,168,747; Aug. 8.
Electric switch. A. Cianchi. 2,157,114; May 9.
Electric switch. A. Cianchi. 2,162,000; June 13.
Electric switch. H. J. Crabbs. 2,174,237; Sept. 26.
Electric switch. R. E. De Land. 2,148,732; Feb. 28.
Electric switch. F. C. De Reamer. 2,153,367; Apr. 4.
Electric switch. F. C. De Reamer. 2,153,369; Apr. 4.
Electric switch. A. F. Doty. 2,171,267; Aug. 29.
Electric switch. B. E. Getchell. 2,166,545; July 18.
Electric switch. A. E. Grant. 2,167,648; Aug. 1.
Electric switch. H. G. Graubner. 2,151,910; Mar. 28.
Electric switch. V. Grosse. 2,156,388; May 2.
Electric switch. H. J. Hammerly. 2,177,249; Oct. 24.
Electric switch. E. B. Hudson. 2,151,701; Mar. 28.
Electric switch. J. G. Jackson. 2,142,674; Jan. 3.
Electric switch. J. G. Jackson. 2,158,369; May 16.
Electric switch. A. W. Krieger. 2,168,413; Aug. 8.
Electric switch. C. M. Lefkowitz. 2,143,158; Jan. 10.
Electric switch. M. J. Madison. 2,155,727; Apr. 25.
Electric switch. R. F. Massonneau. 2,152,704; Apr. 4.
Electric switch. E. J. Mastney. 2,162,895; June 20.
Electric switch. I. E. McCabe. 2,149,853; Mar. 7.
Electric switch. I. E. McCabe. 2,159,392; May 23.
Electric switch. I. E. McCabe. 2,162,098; June 13.
Electric switch. G. J. Meuer. 2,172,397; Sept. 12.
Electric switch. P. J. O'Brien. 2,156,024; Apr. 25.
Electric switch. J. W. Owens. 2,152,496; Mar. 28.
Electric switch. J. G. Peterson. 2,163,626; June 27.
Electric switch. J. A. Pitsch. 2,183,892; Dec. 19.
Electric switch. R. Popp. 2,156,902; May 2.
Electric switch. R. Popp. 2,158,084; May 16.
Electric switch. J. Sachs. 2,168,540; Aug. 8.
Electric switch. R. F. Sambleson. 2,142,151–6; Jan. 3.
Electric switch. R. F. Sambleson. 2,155,244; Apr. 18.
Electric switch. C. A. Schaefer. 2,162,642; June 13.
Electric switch. W. Schaelchlin. 2,184,767; Dec. 26.
Electric system. H. H. Scott. 2,173,426; Sept. 19.
Electric switch. E. H. Taylor. 2,158,387; May 16.
Electric switch. J. F. Tritle. 2,153,401–2; Apr. 4.
Electric switch. G. O. Wilms. 2,172,633; Sept. 12.
Electric switch. H. O. Wilson. 2,180,701; Nov. 21.
Electric switch, Door-operated. G. J. Meuer. 2,155,765; Apr. 25.
Electric switch, Float controlled. A. B. Mojonnier. 2,149,619; Mar. 7.
Electric switch, Floating weight. R. S. Stoner. 2,147,506; Feb. 14.
Electric switch, Thermostatically operated. G. H. Hart. 2,182,315; Dec. 5.
Electric system. O. E. Wolff. 2,179,536; Nov. 14.

Electric systems, Supervision of. H. T. Seeley. 2,169,853; Aug. 15.
Electric terminal. G. E. Andre. 2,173,820; Sept. 26.
Electric textile fabric. W. Mendel and J. Titone. 2,147,169; Feb. 14.
Electric traffic signal. J. H. Brady. 2,167,631; Aug. 1.
Electric translating system. J. Neufeld. 2,147,170; Feb. 14.
Electric translating system. K. Schmer and R. Troeger. 2,174,392; Sept. 26.
Electric tumbler switch. G. A. Johnson. 2,156,989; May 2.
Electric valve circuit. B. D. Bedford. 2,157,812; May 9.
Electric valve circuit. L. G. Levoy, Jr. 2,166,306; July 18.
Electric valve circuit. H. W. Lord. 2,166,309–10; July 18.
Electric valve circuit. H. L. Palmer. 2,158,885; May 16.
Electric valve circuit. W. H. Teare and O. W. Livingston. 2,160,688; May 30.
Electric valve circuit. G. Wolf. 2,184,480; Dec. 26.
Electric water heater. R. E. Larkey. 2,178,397; Oct. 31.
Electric water heater. J. S. Losee. 2,146,022; Feb. 7.
Electric wave filter. E. C. Cork and J. L. Pawsey. 2,176,211; Oct. 17.
Electric wave filter. W. S. Percival. 2,156,656; May 2.
Electric wave reception. G. L. Beers. 2,169,018; Aug. 8.
Electric welding machine. J. V. Caputo. 2,181,652; Nov. 28.
Electric welding, Resistance. A. J. Edge. 2,179,545; Nov. 14.
Electrical adapter. H. de Witt and F. Wilburn. 2,179,118; Nov. 7.
Electrical apparatus. J. W. Allen. 2,159,120; May 23.
Electrical apparatus. P. D. Crout. 2,171,512; Aug. 29.
Electrical apparatus. R. J. Elsome-Jones. 2,176,531; Oct. 17.
Electrical apparatus. H. S. Gates. 2,179,329; Nov. 7.
Electrical apparatus. P. Haas and W. T. Taber. 2,152,589; Mar. 28.
Electrical apparatus. L. H. Hill. 2,185,105; Dec. 26.
Electrical apparatus. J. F. Koehler. 2,171,704; Sept. 5.
Electrical apparatus. R. B. Peacock. 2,160,708; May 30.
Electrical apparatus. R. R. Smith. 2,181,497; Nov. 28.
Electrical apparatus. E. C. Wentz. 2,175,934; Oct. 10.
Electrical apparatus and method for geologic studies. W. M. Barret. 2,172,688; Sept. 12.
Electrical apparatus, Apparatus for the manufacture of. P. H. Brace. 2,165,031; July 4.
Electrical apparatus for changing the length of and displacement of the optical axis in cinematography. W. F. Alder. 2,161,120; June 6.
Electrical apparatus, System for testing. J. Biermanns. 2,145,707; Jan. 31.
Electrical appliances, Construction of. W. A. Barnes. 2,161,446; June 6.
Electrical attachment. P. E. Hamilton. 2,147,790; Feb. 21.
Electrical cable. J. N. Aken. 2,181,084; Nov. 21.
Electrical cable. F. R. Kaimer. 2,182,667; Dec. 5.
Electrical cable. H. Mason. 2,149,223; Feb. 28.
Electrical cable. M. M. Safford. 2,155,243; Apr. 18.
Electrical capacitor. J. R. T. Craine. 2,149,086; Feb. 28.
Electrical capacitor. R. E. Marbury and P. H. Brace. 2,151,787; Mar. 28.
Electrical change-over. C. Tappan. 2,160,005; May 30.
Electrical characteristics, Determining. H. A. Wintermute. 2,166,385; July 18.
Electrical circuit. G. Guanella. 2,164,402; July 4.
Electrical circuit. T. J. Nunan. 2,142,253; Jan. 3.
Electrical circuit. A. D. Traher. 2,175,580; Oct. 10.
Electrical coil and making the same. H. L. Grupe, J. A. Robertson, and D. E. Moran. 2,184,342; Dec. 26.
Electrical compensator. W. Kunze. 2,147,657; Feb. 21.
Electrical condenser. A. Deutschmann. 2,183,550; Dec. 19.
Electrical condenser. J. A. Flanzer. 2,163,237; June 20.
Electrical condenser. F. J. Given. 2,181,695; Nov. 28.
Electrical condenser. E. M. Meggenhofen. 2,157,715; May 9.
Electrical condenser. P. Robinson and W. M. Allison. 2,174,840; Oct. 3.
Electrical condenser. K. F. Rodgers. 2,164,165; June 27.
Electrical conductor. J. Gartner. 2,177,563; Oct. 24.
Electrical conductor and insulating material therefor. S. W. Alderfer. 2,164,981; July 4.
Electrical conductor and insulation therefor. F. R. Kaimer. 2,182,668; Dec. 5.
Electrical conductor cord or ribbon, Extensible. F. Dansard. 2,143,649; Jan. 10.
Electrical conductor, Insulated. R. B. Lattin. 2,162,953; June 20.
Electrical conductor, Insulated. H. A. Winkelmann. 2,181,632; Nov. 28.
Electrical conductors, Insulation of. W. A. Gibbons. 2,160,204; May 30.
Electrical conductors, Method and apparatus for making divisible. H. H. Wermine. 2,149,002; Feb. 28.
Electrical connecter. M. B. Cameron. 2,142,176; Jan. 3.
Electrical connecter. G. W. Jacobson. 2,142,818; Jan. 3.
Electrical connecter. A. J. Park. 2,142,284; Jan. 3.
Electrical connecter. H. E. Piltz. 2,143,131; Jan. 10.
Electrical connecting device. O. A. Rieman. 2,170,217; Aug. 22.
Electrical connecting means. H. A. Douglas. 2,158,002; May 9.
Electrical connection means. H. A. Douglas. 2,144,484; Jan. 17.
Electrical connection means. H. A. Douglas. 2,145,162–7; Jan. 24.
Electrical connection means. H. A. Douglas. 2,153,176; Apr. 4
Electrical connection means. H. A. Douglas. 2,158,003–4; May 9.
Electrical connection means. H. A. Douglas. 2,166,346; July 18.
Electrical connection means. H. A. Douglas. 2,177,518; Oct. 24.
Electrical connection with railway rails, Making. G. Gort. 2,142,586; Jan. 3.
Electrical connections, Making. R. L. Lunsford. 2,182,968; Dec. 12.
Electrical connector. M. Alden. 2,163,771; June 27.
Electrical connector. E. O. Allen. 2,183,179; Dec. 12.
Electrical connector. G. E. Andre. 2,161,606; June 6.
Electrical connector. G. E. Andre. 2,178,621; Nov. 7.
Electrical connector. W. T. Bradley. 2,164,381; July 4.
Electrical connector. H. W. Chaplin. 2,151,897; Mar. 28.
Electrical connector. A. W. Faires, L. E. Fine, and W. H. Green. 2,181,802; Nov. 28.
Electrical connector. C. E. Gilbert. 2,183,016; Dec. 12.
Electrical connector. C. H. Koehler. 2,179,636; Nov.
Electrical connector. O. J. Nelson. 2,182,446; Dec. 5.
Electrical connector. C. G. Olson. 2,175,759; Oct. 10. 14.
Electrical connector. L. O'Russa. 2,164,075; June 27.
Electrical connector. C. O. Pearson and C. L. Sherwood. 2,160,440; May 30.
Electrical connector. A. H. Surprenant. 2,149,196; Feb. 28.
Electrical connector. O. F. Tallman. 2,150,994; Mar. 21.
Electrical connector. W. H. Walls. 2,180,569; Nov. 21.
Electrical connector. L. Walter. 2,159,064; May 23.
Electrical connector. C. G. Wirth. 2,170,359; Aug. 22.
Electrical connector, Detachable. O. S. Field. 2,162,453; June 13.
Electrical connector, Separable. L. H. Loomis. 2,162,265; June 13.
Electrical contact. W. C. Ellis. 2,154,068; Apr. 11.
Electrical contact and connection means. H. A. Douglas. 2,166,345; July 18.
Electrical contact means. H. A. Douglas. 2,143,650; Jan. 10.
Electrical contacts, Making. P. Scholz. 2,154,288; Apr. 11.
Electrical contacting element. S. Ruben. 2,154,700; Apr. 18.
Electrical contactor. G. C. Armstrong and D. Ellis. 2,157,843; May 9.
Electrical contactor. J. P. Burke. 2,180,396; Nov. 21.
Electrical control. J. T. Logan, O. Richardson, R. J. Cooper, and J. U. Benziger. 2,151,127; Mar. 21.
Electrical control. I. E. McCabe. 2,143,521; Jan. 10.
Electrical control and connection means. H. A. Douglas. 2,159,076; May 23.
Electrical control apparatus. W. A. Tolson. 2,165,770; July 11.
Electrical control circuit. L. F. Blume. 2,175,870; Oct. 10.
Electrical control device. H. T. Avery. 2,162,237; June 13.
Electrical control device. H. A. Douglas. 2,172,934; Sept. 12.
Electrical control means. A. L. Smith. 2,172,643; Sept. 12.
Electrical control system. H. Schewe. 2,154,287; Apr. 11.
Electrical control system. R. E. Sykes and J. M. Gray. 2,177,083; Oct. 24.
Electrical controlling apparatus. J. F. Joy. 2,148,472–3; Feb. 28.
Electrical controlling apparatus. C. W. Wyman. 2,148,474; Feb. 28.
Electrical convenience outlet. R. W.. Haggar. 2,174,442; Sept. 26.
Electrical converting system. D. B. Clark. 2,182,014; Dec. 5.
Electrical coupling. H. J. Blakeslee. 2,159,757; May 23.
Electrical coupling system. G. Mountjoy. 2,154,692; Apr. 18.
Electrical detection apparatus. P. P. Horni. 2,144,535; Jan. 17.
Electrical device. A. G. Andeen. 2,172,927; Sept. 12.
Electrical device. G. B. Benander. 2,166,790; July 18.
Electrical device. J. M. Cunningham. 2,161,614; June 6.
Electrical device. R. O. Grisdale. 2,143,414; Jan. 10.
Electrical device. H. S. Keating. 2,150,376; Mar. 14.
Electrical device. W. R. Koch. 2,144,337; Jan. 17.
Electrical device. V. K. Zworykin. 2,159,937; May 23.
Electrical device and fabricating the same. S. S. Stack. 2,177,502; Oct. 24.
Electrical device and operating the same. C. F. Lorenz. 2,148,482; Feb. 28
Electrical discharge device. J. E. Beggs. 2,156,079; Apr. 25.

Electrical discharge device. E. M. Duvoisin. 2,145,111; Jan. 24.
Electrical discharge device. E. Germer. 2,148,017; Feb. 21.
Electrical discharge device. K. H. Kingdon. 2,150,770; Mar. 14.
Electrical discharge device and system. H. D. Knight. 2,175,900; Oct. 10.
Electrical discharge device, Animated. J. H. McCauley. 2,149,224; Feb. 28.
Electrical discharge device, Animated. J. H. McCauley. 2,161,716; June 6.
Electrical distribution system. W. H. Frank. 2,146,813; Feb. 14.
Electrical distribution system. W. H. Frank and J. W. Harper. 2,146,812; Feb. 14.
Electrical distribution system. W. H. Frank and J. W. Harper. 2,149,994; Mar. 7.
Electrical distribution system. W. H. Frank. 2,170,298; Aug. 22.
Electrical distribution, System of. F. F. Brand. 2,148,289; Feb. 21.
Electrical distribution, System of. J. W. Butler. 2,149,083; Feb. 28.
Electrical energy measuring circuit. H. H. Beverage. 2,144,215; Jan. 17.
Electrical energy, System for the distribution of. D. W. Coote. 2,144,363; Jan. 17.
Electrical filter. H. J. Nichols. 2,153,202; Apr. 4.
Electrical gauge. E. F. Bacon. 2,181,960; Dec. 5.
Electrical generating system. E. M. Claytor. 2,151,373; Mar. 21.
Electrical heating unit. F. E. Owen. 2,182,319; Dec. 5.
Electrical impulse segregation circuit. R. Andrieu. 2,181,309; Nov. 28.
Electrical impulse segregation circuit. R. Schienemann. 2,150,752; Mar. 14.
Electrical impulses, Recording of. G. L. Dimmick. 2,184,548; Dec. 26.
Electrical indicator. J. P. Smith, Jr. 2,156,199; Apr. 25.
Electrical indicator and control means for impurities in solution. B. Pedersen. 2,183,584; Dec. 19.
Electrical insulation. R. M. Fuoss. 2,171,334; Aug. 29.
Electrical interference suppressing device. C. J. W. Hill. 2,148,984; Feb. 28.
Electrical junction device. L. J. Werner. 2,178,092; Oct. 31.
Electrical liquid level indicating device. T. Pratt. 2,184,755; Dec. 26.
Electrical machine. G. A. Gillen. 2,171,979; Sept. 5.
Electrical make and break contact. F. R. Hensel and K. L. Emmert. 2,180,845; Nov. 21.
Electrical make and break contact. A. C. Schmidt and J. F. Jack. 2,163,354; June 20.
Electrical measuring apparatus. W. S. Jennens and C. J. Miller, Jr. 2,146,073; Feb. 7.
Electrical measuring circuit. A. V. Wurmser. 2,162,874; June 20.
Electrical measuring instrument. L. M. Pignolet. 2,179,952; Nov. 14.
Electrical measuring instrument. R. A. Warner. 2,175,046; Oct. 3.
Electrical measuring instrument. F. E. Wenger. 2,157,973; May 9.
Electrical measuring method and means. J. M. Pearson. 2,160,671; May 30.
Electrical measuring system. E. T. Davis. 2,155,346; Apr. 18.
Electrical measuring system. E. T. Davis and F. Wunsch. 2,154,065; Apr. 11.
Electrical measuring system. E. Glowatzki. 2,175,890; Oct. 10.
Electrical measuring system. P. Jäkel and H. Muth. 2,178,074; Oct. 31.
Electrical measuring system. A. G. S. Sandison. 2,148,584; Feb. 28.
Electrical method and apparatus for determining the characteristics of a geological formation traversed by a bore-hole. J. J. Jakosky. 2,179,593; Nov. 14.
Electrical method and apparatus for determining the characteristics of geologic formations. J. J. Jakosky. 2,155,133; Apr. 18.
Electrical oscillation generator. C. S. Bull and W. S. Percival. 2,161,948; June 13.
Electrical outlet and plug. E. S. Schott. 2,180,020; Nov. 14.
Electrical outlet supporting device. J. M. Irvine. 2,177,718; Oct. 31.
Electrical power system. P. M. Stivender. 2,166,187; July 18.
Electrical precipitation method and apparatus. F. W. Hoss and W. Deutsch. 2,142,128; Jan. 3.
Electrical prospecting. L. F. Athy and H. R. Prescott. 2,172,271; Sept. 5.
Electrical protecting device. R. D. Nelson. 2,172,640; Sept. 12.
Electrical protective device. R. V. Boyer. 2,157,815; May 9.
Electrical receptacle. P. E. Hamilton. 2,154,159; Apr. 11.
Electrical receptacle. H. Hubbell, Jr. 2,152,647; Apr. 4.
Electrical rectifier. R. A. Hartley and C. M. Bouton. 2,172,887; Sept. 12.
Electrical regulating system. S. M. Hanley. 2,182,666; Dec. 5.
Electrical regulating system. K. R. Wendt. 2,171,614; Sept. 5.
Electrical regulator. A. T. Ytterberg. 2,177,424; Oct. 24.
Electrical relay. L. Devol. 2,160,649; May 30.
Electrical relay. A. W. Fisher and B. Mishelevich. 2,156,684; May 2.
Electrical relay. A. Hufnagel. 2,158,009; May 9.
Electrical relay. B. Mishelevich. 2,144,543; Jan. 17.
Electrical relay. N. C. Shaw. 2,156,685; May 2.
Electrical remote control drive. D. D. Waller, L. B. Smith, D. W. Randolph, and R. O. Helgeby. 2,177,966; Oct. 31.
Electrical resistance. F. X. Lamb. 2,154,685; Apr. 18.
Electrical resistance and making same. N. C. Schellenger. 2,169,594; Aug. 15.
Electrical resistance element, alloy, and production thereof. J. L. Thomas. 2,165,316; July 11.
Electrical resistance, Method and apparatus for testing. R. C. Dehmel. 2,178,954; Nov. 7.
Electrical resistance units, Producing. T. A. Swartz and W. P. Uhler. 2,173,186; Sept. 19.
Electrical resistor. A. Bettlestone and F. Waterton. 2,147,481; Feb. 14.
Electrical resistor. J. J. Mucher. 2,163,797; June 27.
Electrical segregation circuit. R. J. Kemp and D. J. Fewings. 2,177,723; Oct. 31.
Electrical sequencing control. A. L. Sweet. 2,158,887; May 16.
Electrical structure. W. H. Butler and E. H. Gross. 2,149,805; Mar. 7.
Electrical survey of the formations cut by a bore hole, Method and apparatus for. C. Schlumberger. 2,174,638; Oct. 3.
Electrical switch. E. T. Abendroth. 2,157,156; May 9.
Electrical switch. A. J. Bowie. 2,179,539; Nov. 14.
Electrical switch. H. J. Crabbs. 2,159,884; May 23.
Electrical switch. C. A. Fox. 2,179,484; Nov. 14.
Electrical switch. M. L. Goodwin. 2,157,535; May 9.
Electrical switch. R. E. Lehman and A. E. Roane. 2,151,039; Mar. 21.
Electrical switch. H. J. Mabs. 2,173,284; Sept. 19.
Electrical switch. F. J. McCluskey and C. A. Fox. 2,179,749; Nov. 14.
Electrical switch. W. Rhea. 2,177,582; Oct. 24.
Electrical switch, Automatic. R. L. Bell. 2,144,957; Jan. 24.
Electrical switch gear. H. Trencham. 2,153,400; Apr. 4.
Electrical switch, Time controlled. F. Wagner and F. Busse. 2,148,790; Feb. 28.
Electrical switching and control system. L. K. Swart. 2,169,821; Aug. 15.
Electrical switching mechanism. W. F. Friedman and F. B. Rowlett. 2,166,137; July 18.
Electrical synchronization generator. K. Schlesinger. 2,185,136; Dec. 26.
Electrical system. S. E. Adair. 2,157,841; May 9.
Electrical system. F. J. Bingley. 2,171,536; Sept. 5.
Electrical system. A. F. Price. 2,170,873; Aug. 29.
Electrical system. L. H. Von Ohlsen. 2,179,651; Nov. 14.
Electrical system. S. Y. White. 2,152,448; Mar. 28.
Electrical system of power transmission. H. M. Hobart. 2,173,717; Sept. 19.
Electrode systems in Braun tubes, Fastening. E. Ruska. 2,171,766; Sept. 5.
Electrical terminal. G. E. Andre. 2,161,692; June 6.
Electrical terminal. C. E. Hanny. 2,168,016; Aug. 1.
Electrode terminal construction. A. Georgiev. 2,158,363; May 16.
Electrical terminal plug. J. Wertzheiser. 2,145,700; Jan. 31.
Electrical testing apparatus. C. Paulson. 2,153,989–90; Apr. 11.
Electrical testing instrument. W. R. Steele. 2,156,319; May 2.
Electrical testing instrument. G. Swift. 2,143,094; Jan. 10.
Electrical testing system. F. E. Blount. 2,181,560; Nov. 28.
Electrical transfer of rotary motion, System for the. K. Beyerle. 2,184,576; Dec. 26.
Electrical transformer. H. L. Rorden. 2,155,840; Apr. 25.
Electrical transmission of color photography. E. B. Hesser. 2,172,818; Sept. 12.
Electrical transmission system. C. F. Stromeyer. 2,154,783; Apr. 18.
Electrical wave filter. H. O. Peterson. 2,163,625; June 27.
Electrical wave generator. D. Hermann. 2,181,328; Nov. 28.
Electrical wave production. R. L. Miller. 2,181,280; Nov. 28.
Electrical wave receiving system. D. A. Wilbur. 2,183,232; Dec. 12.
Electrical wave resonant line filter. A. M. Braaten. 2,174,963; Oct. 3.
Electrical welding machine. G. D. Williams. 2,153,785; Apr. 11.
Electrical winding. H. L. Driftmeyer. 2,184,272; Dec. 26.
Electrical winding. H. O. Stephens. 2,157,031; May 2.

Electrical wire bracket. W. A. Heinrich. 2,155,189; Apr. 18.
Electrically controlled lock. J. M. Wilhelm. 2,149,695; Mar. 7.
Electrically heated container. F. R. Lacy, Jr. 2,159,876; May 23.
Electrically heated fabric. A. C. Harris. 2,157,606; May 9.
Electrically heated iron, Thermostatically controlled. N. F. T. Saunders, N. Barnes, and F. J. Mudge. 2,146,992; Feb. 14.
Electrically heated tool. B. F. Bruggerman. 2,180,665; Nov. 21.
Electrically heated tool. L. N. Hampton and A. H. Shangle. 2,179,818; Nov. 14.
Electrically operated device. J. G. Sola. 2,173,735; Sept. 19.
Electrician's drill. A. Hirsch. 2,167,153; July 25.
Electrician's guide. M. J. Gallagher. 2,179,658; Nov. 14.
Electricians' tool. N. Gizarelli. 2,163,676; June 27.
Electricity by means of a fuel cell, Production of. H. H. Greger. 21,100; May 30.
Electricity to motor vehicles, System for supplying. H. C. Dreischerf. 2,152,405; Mar. 28.
Electroacoustic devices, Manufacture of. W. Kalin. 2,173,481; Sept. 19.
Electroacoustic translating device. P. W. Willans and L. E. Currah. 2,184,727; Dec. 26.
Electroacoustical apparatus. L. J. Anderson. 2,147,137; Feb. 14.
Electroacoustical apparatus. L. J. Anderson. 2,173,219; Sept. 19.
Electroacoustical apparatus. L. J. Anderson. 2,178,215–6; Oct. 31.
Electroacoustical apparatus. L. J. Anderson. 2,183,209; Dec. 12.
Electroacoustical apparatus. A. J. Sanial. 2,164,756; July 4.
Electrocuting trap. E. A. Lindsley. 2,159,618; May 23.
Electrode. R. R. Applegate. 2,148,228; Feb. 21.
Electrode. J. Lecorguillier. 2,173,208; Sept. 19.
Electrode. G. K. Sziklai. 2,143,392; Jan. 10.
Electrode and its suspension. J. L. Légeron. 2,169,563; Aug. 15.
Electrode arrangement for cathode ray tubes. H. A. Iams. 2,160,021; May 30.
Electrode assembly. J. R. Glans. 2,167,885; Aug. 1.
Electrode, Auxiliary. W. E. Bahls. 2,169,015; Aug. 8.
Electrode, Cathode ray deflecting. C. S. Sprague and R. H. George. 2,161,437; June 6.
Electrode clamp. W. Adam, Jr. 2,149,003; Feb. 28.
Electrode clamp. R. R. Jones. 2,179,153; Nov. 7.
Electrode coating, Welding. A. P. Johnston. 2,150,925; Mar. 21.
Electrode, Combination starting. D. D. Knowles. 2,147,445; Feb. 14.
Electrode control for searchlights. W. R. Farley, A. L. Atherton, and O. Gonano. 2,184,765; Dec. 26.
Electrode, Discharge tube. S. A. Abbott. 2,162,414; June 3.
Electrode, Enameled mesh base. J. L. Gallup. 2,175,689; Oct. 10.
Electrode, Exciting. A. H. Toepfer. 2,175,858; Oct. 10.
Electrode feeding device for electric arc apparatus. G. J. Anderson. 2,173,149; Sept. 19.
Electrode feeding means. H. H. Strong. 2,160,490; May 30.
Electrode feeding mechanism. K. Brenkert. 2,168,697; Aug. 8.
Electrode for electric discharge devices. E. Lemmers and G. M. Carpenter. 2,180,988; Nov. 21.
Electrode for ionic discharge devices. T. J. Killian. 2,154,404; Apr. 11.
Electrode for pool tubes. Starting. H. E. Rowe. 2,159,770; May 23.
Electrode for well logging. F. T. Robidoux. 2,161,976; June 13.
Electrode for vacuum tubes. J. B. J. M. Abadie. 2,161,790; June 13.
Electrode, Grid. O. H. Schade. 2,171,225; Aug. 29.
Electrode, High resistance. F. R. Hensel. 2,160,659; May 30.
Electrode holder. C. A. Bourne. 2,175,871; Oct. 10.
Electrode holder. P. Bourque. 2,143,619; Jan. 10.
Electrode holder. C. B. Jandos. 2,151,552; Mar. 21.
Electrode holder. F. S. Miller. 2,162,633; June 13.
Electrode holder. W. A. Robb. 2,183,846; Dec. 19.
Electrode holder. A. H. Smith. 2,150,464; Mar. 14.
Electrode holder. R. L. Townsend. 2,145,699; Jan. 31.
Electrode holder. D. P. Varner. 2,174,809; Oct. 3.
Electrode holder. H. J. Wagner. 2,179,440; Nov. 7.
Electrode holder. B. Yettner. 2,148,095; Feb. 21.
Electrode holder, Electric welding. L. J. Nickels. 2,162,112; June 13.
Electrode holding device. E. Schwartz. 2,164,951; July 4.
Electrode, Ignition. W. R. Taliaferro. 2,154,292; Apr. 11.
Electrode, Kerr cell. S. L. Clothier and H. C. Hogencamp. 2,163,551; June 20.
Electrode, Lightly coated manganese steel. W. B. Lair. 2,149,999; Mar. 7.
Electrode, Make-alive. J. Slepian. 2,157,923; May 9.
Electrode member. R. D. McIntosh. 2,174,109; Sept. 26.
Electrode mount. F. Desormeaux. 2,151,194; Mar. 21.
Electrode mount. N. H. Green. 2,150,323; Mar. 14.
Electrode mount, Adjustable. F. C. Desormeaux. 2,169,723; Aug. 15.
Electrode mounting arrangement. T. G. Crawford. 2,175,880; Oct. 10.
Electrode mounting for neon tubes. F. Kaspar. 2,153,375; Apr. 4.
Electrode, Rectal. E. B. Glass. 2,184,642; Dec. 26.
Electrode release attachment for arc lamps. F. C. Coates and H. S. Fowler. 2,165,697; July 11.
Electrode release for arc lamps. F. C. Coates. 2,174,736; Oct. 3.
Electrode release for arc lamps. F. C. Coates. 2,179,776; Nov. 14.
Electrode scraping and dressing apparatus for welding machines. E. W. Mishler. 2,167,767; Aug. 1.
Electrode, Secondary electron emitting. E. R. Piore. 2,147,669; Feb. 21.
Electrode, Self-baking. M. O. Sem. 2,159,183; May 23.
Electrode spacer. G. W. Warren. 2,160,044; May 30.
Electrode spacing means, Welding. K. Heindlhofer. 2,173,446; Sept. 19.
Electrode structure. W. Henneberg and A. Recknagel. 2,182,869; Dec. 12.
Electrode structure for television transmitting tubes. J. Gallup. 2,162,808; June 20.
Electrode structures, Cathode ray tube. R. R. Law. 2,179,097; Nov. 7.
Electrode support. N. R. Smith. 2,164,547; July 4.
Electrode support. P. T. Smith. 2,164,477; July 4.
Electrode supporting structure. A. Linn. 2,154,275; Apr. 11.
Electrode system. W. C. van Geel. 2,156.660; May 2.
Electrode system. W. C. van Geel. 2,161,601; June 6.
Electrode system and making same. H. Emmens and W. C. van Geel. 2,162,613; June 13.
Electrode system, Asymmetric. J. H. de Boer and W. C. van Geel. 2,173,249; Sept. 19.
Electrode system for rectifying or controlling high or intermediate frequency oscillations. W. C. van Geel. 2,161,600; June 6.
Electrode system of unsymmetrical conductivity. G. Holst and W. C. van Geel. 2,173,904; Sept. 26.
Electrode tube, Carbonized. K. M. van Gessel and F. Prakke. 2,146,098; Feb. 7.
Electrode unit for Neon signs, Connecting. G. L. Link. 2,152,319; Mar. 28.
Electrode, Vacuum tube. E. P. Loppacker. 2,145,400; Jan. 31.
Electrode, Welding. R. R. Applegate. 2,148,182; Feb. 21.
Electrode, Welding. G. Goldstein. 2,179,693; Nov. 14.
Electrode, Welding. W. B. Lair. 2,150,000; Mar. 7.
Electrode, Welding. J. T. Marvin. 2,180,813; Nov. 21.
Electrodes, Coating. K. Siebertz. 2,164,595; July 4.
Electrode, Wire. L. P. Garner. 2,165,135; July 4.
Electrodes for arc discharge valves. H. J. Seemann. 2,151,567; Mar. 21.
Electrodes in automatic electric arc welding, Connecting the. G. Erber. 2,167,565; July 25.
Electrodes of electric welding machines, Apparatus for rotating and shaping. G. E. Mirfield. 2,167,766; Aug. 1.
Electrodes, Manufacturing condenser. J. Kipperman and A. J. J. Lambeek. 2,161,419; June 6.
Electrodes, Manufacturing grid. W. L. Krahl. 2,185,106; Dec. 26.
Electrodes, Manufacturing large surface. E. Langguth. 2,162,385; June 13.
Electrodes, Manufacturing mosaic. A. Rose. 2,175,701; Oct. 10.
Electrodeposition on aluminum and aluminum alloys. J. Korpiun. 2,142,564; Jan. 3.
Electrohydraulic steering gear. F. S. Hodgman. 2,175,800; Oct. 10.
Electrolyte. A. M. Georgiev. 2,155,086; Apr. 18.
Electrolyte and method. D. E. Gray. 2,162,397; June 13.
Electrolyte, Film maintaining. S. Ruben. 2,166,179; July 18.
Electrolyte to electrolytic cells, Supplying. K. E. Stuart. 2,183,299; Dec 12.
Electrolytic apparatus operated under pressure, Insulating. H. Niederreither. 2,157,090; May 2.
Electrolytic capacitor. A. T. Harding. 2,164,742; July 4.
Electrolytic cell. H. I. Allen. 2,149,004; Feb. 28.
Electrolytic cell. F. Bencker. 2,154,830; Apr. 18.
Electrolytic cell. A. F. P. J. Claassen and C. de Lange. 2,183,091; Dec. 12.
Electrolytic cell. R. M. Hunter. 2,161,166; June 6.
Electrolytic cell. R. N. Jones and G. G. Gomez. 2,153,569; Apr. 11.
Electrolytic cell. G. Messner. 2,150.775; Mar. 14.
Electrolytic cell. H. E. Rhodes. 2,163.262; June 20.
Electrolytic cleansing. F. A. Herrmann. 2,174,722; Oct. 3.
Electrolytic condenser. A. F. P. J. Claassen and C. de Lange. 2,177,018; Oct. 24.
Electrolytic condenser. A. Deutschmann. 2,184,686; Dec. 26.
Electrolytic condenser. J. A. Poitras. 2,181,607; Nov. 28.
Electrolytic condenser. S. Ruben. 2,166,180; July 18.
Electrolytic condenser. S. Ruben. 2,178,970; Nov. 7.

Electrolytic condenser. F. Pavelka. 2,168,135; Aug. 1.
Electrolytic condenser. H. Waterman. 2,153,999; Apr. 11.
Electrolytic device. J. L. Collins. 2,174,437; Sept. 26.
Electrolytic device. J. L. Collins. 2,180,798; Nov. 21.
Electrolytic device. J. L. Collins and R. Teeple. 2,158,981; May 16.
Electrolytic device. M. Knab and H. I. Danziger. 2,178,936; Nov. 7.
Electrolytic device. P. Robinson. 2,174,841; Oct. 3.
Electrolytic device. P. Robinson and J. L. Collins. Re. 21,088; May 16.
Electrolytic device. P. Robinson and J. L. Collins. 2,183,776; Dec. 19.
Electrolytic device. G. K. Sziklai. 2,163,416; June 20.
Electrolytic device and making same. J. B. Brennan. 2,154,027; Apr. 11.
Electrolytic process for the manufacture of litharge. R. G. Bowman and W. J. Knox, Jr. 2,158,269; May 16
Electromagnet. W. C. Beach. 2,180,288; Nov. 14.
Electromagnet. D. Ellis and G. C. Armstrong. 2,165,037 July 4.
Electromagnet. F. C. Marx. 2,173,212; Sept. 19.
Electromagnet for switching devices. C. I. Baker, E. C. Mueller, Jr., and F. J. Redmond. 2,169,551; Aug. 15.
Electromagnet with shading coil. G. C. Armstrong and D. Ellis. 2,157,844; May 9.
Electromagnetic brake. H. E. Hodgson. 2,164,521; July 4.
Electromagnetic construction. E. S. Ostler. 2,164,041; June 27.
Electromagnetic contactor. W. C. Stevens. 2,158,841; May 16.
Electromagnetic control device. F. H. Fodor. 2,176,897; Oct. 24.
Electromagnetic control device. J. D. West. 2,159,610; May 23.
Electromagnetic device. D. M. Berges. 2,145,021; Jan. 24.
Electromagnetic device. W. H. Bruns. 2,149,418; Mar. 7.
Electromagnetic device. L. Michaelis. 2,180,159; Nov. 14.
Electromagnetic device. C. F. Warrick. 2,172,460; Sept. 12.
Electromagnetic motor. R. K. Prince. 2,151,355; Mar. 21.
Electromagnetic rail brake. G. Mathes. 2,153,383; Apr. 4.
Electromagnetic recording arrangement. S. Begun. 2,151,889; Mar. 28.
Electromagnetic recording arrangement. S. Begun. 2,161,273; June 6.
Electromagnetic recording system. W. H. Warren. 2,151,951; Mar. 28.
Electromagnetic relay. C. H. Larson. 2,175,201; Oct. 10.
Electromagnetically operated switch. E. Rozumek. 2,167,588; July 25.
Electromagnets, Control of. H. S. Black. 2,160,823; June 6.
Electromechanical apparatus. J. Soler. 2,170,487; Aug. 22.
Electromechanical oscillating device. H. E. Hollmann. 2,154,127; Apr. 11.
Electromechanical system. E. Lakatos. 2,167,078; July 25.
Electromechanical system employing magneto-strictive devices, Electrical and. W. P. Mason. 2,170,206; Aug. 22.
Electron beam converter. F. Schröter. 2,175,573; Oct. 10.
Electron beam tube. H. E. Hollmann. 2,176,589; Oct. 17.
Electron beam tube. A. W. Vingerhoets and A. J. W. M. van Overbeek. 2,176,599; Oct. 17.
Electron device. W. Henneberg and A. Recknagel. 2,163,787; June 27.
Electron discharge apparatus. R. A. Heising. 2,157,336; May 9.
Electron discharge apparatus. J. D. McGee. 2,176,221; Oct. 17.
Electron discharge apparatus. A. L. Samuel. 2,163,247; June 20.
Electron discharge apparatus. G. K. Teal. 2,160,796–8; May 30.
Electron discharge apparatus and system, Multielement. R. A. Heising. 2,156,088; Apr. 25.
Electron discharge device. G. B. Banks. 2,161,272; June 6.
Electron discharge device. S. N. Baruch. 2,165,832; July 11.
Electron discharge device. R. M. Bowie. 2,172,316; Sept. 5.
Electron discharge device. C. A. Bieling. 2,161,005; June 6.
Electron discharge device. E. Bruche. 2,172,728; Sept. 12.
Electron discharge device. C. S. Bull. 2,167,826; Aug. 1.
Electron discharge device. R. U. Clark. 2,164,699; July 4.
Electron discharge device. J. E. Clark and V. L. Ronci. 2,173,679; Sept. 19.
Electron discharge device. F. Coeterier. 2,163,270; June 20.
Electron discharge device. J. H. de Boer. 2,159,946; May 23.
Electron discharge device. C. Depew and V. L. Ronci. 2,148,538; Feb. 28.
Electron discharge device. C. W. Hansell. 2,171,980; Sept. 5.
Electron discharge device. J. H. O. Harries. 2,155,824; Apr. 25.
Electron discharge device. L. A. Hazeltine. 2,172,750; Sept. 12.
Electron discharge device. E. W. Herold. 2,146,016; Feb. 7.
Electron discharge device. H. E. Hollmann. 2,144,222; Jan. 17.
Electron discharge device. H. E. Hollmann. 2,171,212; Aug. 29.
Electron discharge device. J. L. H. Jonker and B. O. M. Gall. 2,159,765; May 23.
Electron discharge device. J. L. H. Jonker and A. J. W. M. van Overbeek. 2,143,916; Jan. 17.
Electron discharge device. H. E. Kallman and O. Klemperer. 2,143,378; Jan. 10.
Electron discharge device. G. Liebich. 2,159,767; May 23.
Electron discharge device. H. G. Lubszynski and G. S. P. Freeman. 2,149,849; Mar. 7.
Electron discharge device. H. G. Lubszynski and J. D. McGee. 2,150,980; Mar. 21.
Electron discharge device. H. G. Lubszynski, H. Miller, and J. E. I. Cairns. 2,151,785; Mar. 28.
Electron discharge device. M. E. Macksoud. 2,157,552; May 9.
Electron discharge device. W. H. Manthorne. 2,167,519; July 25.
Electron discharge device. W. L. Meier. 2,158,564; May 16.
Electron discharge device. G. D. O'Neill. 2,158,665; May 16.
Electron discharge device. R. Orthuber and E. Steudel. 2,177,374; Oct. 24.
Electron discharge device. W. H. Painter. 2,170,663; Aug. 22.
Electron discharge device. V. L. Ronci and J. W. West. 2,160,086; May 30.
Electron discharge device. A. Rose. 2,175,702; Oct. 10.
Electron discharge device. A. L. Samuel. 2,163,156–7; June 20.
Electron discharge device. O. H. Schade. 2,175,704; Oct. 10.
Electron discharge device. P. Schoonenberg. 2,171,226; Aug. 29.
Electron discharge device. H. R. Seelen and K. M. McLaughlin. 2,166,744; July 18.
Electron discharge device. C. G. Smith. 2,143,459; Jan. 10.
Electron discharge device. J. W. Strange and W. H. Connell. 2,158,640; May 16.
Electron discharge device. M. J. O. Strut and A. van der Ziel. 2,173,267; Sept. 19.
Electron discharge device. G. K. Teal. 2,160,799; May 30.
Electron discharge device. W. G. Wagener. 2,154,293; Apr. 11.
Electron discharge device. P. W. Willans. 2,158,450; May 16.
Electron discharge device and circuit for high frequency oscillations. N. E. Lindenblad. 2,149,024; Feb. 28.
Electron discharge device circuit. W. V. Roberts. 2,168,782; Aug. 8.
Electron discharge device control system. E. Kobel. 2,145,088; Jan. 24.
Electron discharge device provided with a cooling jacket. G. Rabuteau and G. P. Chevigny. 2,156,063; Apr. 25.
Electron discharge device, Secondary. A. J. W. M. van Overbeek. 2,146,607; Feb. 7.
Electron discharge device, Secondary. A. J. W. M. van Overbeek and E. H. Lopp. 2,167,097; July 25.
Electron discharge modulating device. D. G. Haines. 2,148,266; Feb. 21.
Electron discharge system. P. Schwerin and H. C. Atkins. 2,150,346; Mar. 14.
Electron discharge system, Short wave. P. D. Zottu. 2,177,272; Oct. 24.
Electron-discharge tube. O. H. Biggs. 2,176,199; Oct. 17.
Electron discharge tube. A. G. Clavier. 2,164,905; July 4.
Electron discharge tube. G. J. Imboden. 2,170,410; Aug. 22.
Electron discharge tube. N. E. Lindenblad. 2,151,781; Mar. 28.
Electron discharge tube. H. Niclassen. 2,160,081; May 30.
Electron discharge tube. H. Rothe and W. Kleen. 2,144,085; Jan. 17.
Electron discharge tube. G. Schubert, U. Knick, and E. Ruska. 2,143,582; Jan. 10.
Electron discharge tube. M. K. Taylor. 2,178,056; Oct. 31.
Electron discharge tube, Secondary. J. L. H. Jonker, E. H. Löpp, A. J. W. M. van Overbeek, and H. Filippo. 2,146,580; Feb. 7.
Electron discharge tube, Secondary. E. H. Löpp and A. J. W. M. van Overbeek. 2,151,783; Mar. 28

Electron emitter. J. C. Batchelor. 2,146,365; Feb. 7.
Electron emitter. E. A. Lederer. 2,175,696; Oct. 10.
Electron emitter and making it, Secondary. J. H. de Boer, H. Bruining, F. Prakke, and K. M. van Gessel. 2,146,099; Feb. 7.
Electron emitter and making it, Secondary. W. J. H. Schreinemachers. 2,171,227; Aug. 29.
Electron emitter and making it, Secondary. C. F. Veenemans, E. H. Löpp, and H. Bruining. 2,159,774; May 23.
Electron emitting screen tube, Secondary. J. L. H. Jonker, E. H. Löpp and A. J. W. M. van Overbeek. 2,171,214; Aug. 29.
Electron gun structure and assembly thereof. R. M. Bowie. 2,174,853; Oct. 3.
Electron image tube. E. Bruche and W. Schaffernicht. 2,179,083; Nov. 7.
Electron multiplier. T. H. Clark. 2,150,317; Mar. 14.
Electron multiplier. P. T. Farnsworth and R. L. Snyder. 2,179,996; Nov. 14.
Electron multiplier. W. Flechsig and R. Behne. 2,183,309; Dec. 12.
Electron multiplier. H. W. Langenwalter and E. Ruska. 2,159,529; May 23.
Electron multiplier. E. G. Linder. 2,156,264; May 2.
Electron multiplier. G. A. Morton. 2,174,162; Sept. 26.
Electron multipler. E. G. Ramberg. 2,147,173; Feb. 14.
Electron multiplier device. V. K. Zworykin. 2,144,239; Jan. 17.
Electron multiplier device. V. K. Zworykin and L. Malter. 2,147,825; Feb. 21.
Electron multiplier, Secondary. M. Ploke and W. Lang. 2,150,632; Mar. 14.
Electron multiplier, Secondary. M. Ploke and W. Lang. 2,163,700; June 27.
Electron multiplier tube. R. L. Snyder. 2,172,155; Sept. 5.
Electron multiplier, Two-stage. P. T. Farnsworth. 2,161,620; June 6.
Electron multipliers, Operating. P. T. Farnsworth. 2,180,279; Nov. 14.
Electron multiplication. P. T. Farnsworth. 2,143,262; Jan. 10.
Electron-optical arrangement. K. Schlesinger. 2,147,558; Feb. 14.
Electron optics. M. Knoll and R. Urtel. 2,151,777; Mar. 28.
Electron ray tube. L. Schiff. 2,159,712; May 23.
Electron-ray tube indicating instrument. W. H. Happe, Jr. 2,175,690; Oct. 10.
Electron ray voltage indicator. K. S. Jackson. 2,167,842; Aug. 1.
Electron relay apparatus. E. L. Brown. 2,149,387; Mar. 7.
Electron tube. A. Bouwers. 2,179,916; Nov. 14.
Electron tube. W. Dällenbach. 2,167,201; July 25.
Electron tube. W. Dällenbach and A. Allerding. 2,163,589; June 27.
Electron tube. G. Dobke. 2,177,350; Oct. 24.
Electron tube. D. V. Edwards and E. B. Van Note. 2,181,366; Nov. 28.
Electron tube. L. B. Headrick. 2,169,046; Aug. 8.
Electron tube. L. B. Headrick. 2,173,165; Sept. 19.
Electron tube. R. Herzog and A. Katsch. 2,170,657; Aug. 22.
Electron tube. M. Knoll. 2,153,628; Apr. 11.
Electron tube. F. Michelssen. 2,151,789; Mar. 28.
Electron tube. F. Schröter. 2,143,390; Jan. 10.
Electron tube. P. M. G. Toulon. 2,172,858; Sept. 12.
Electron tube, Secondary. E. Ruska. 2,147,756; Feb. 21.
Electron tube system. R. Urtel. 2,153,216; Apr. 4.
Electronic apparatus. J. C. Batchelor. 2,146,366; Feb. 7.
Electronic apparatus. H. L. Bernarde. 2,175,869; Oct. 10.
Electronic device. C. H. Brown. 2,181,170; Nov. 28.
Electronic device. H. F. Dalpayrat. 2,156,650; May 2.
Electronic device. H. E. Hollmann. 2,180,957; Nov. 21.
Electronic device. A. A. Thomas. 2,162,234; June 13.
Electronic device. A. G. Thomas. 2,143,095; Jan. 10.
Electronic discharge tube. A. Gaebel and A. Katsch. 2,164,910; July 4.
Electronic discharge tube. A. Katsch. 2,167,515; July 25.
Electronic discharge device. E. G. Linder. 2,145,361; Jan. 31.
Electronic discharge device. V. L. Ronci. 2,156,064; Apr. 25.
Electronic discharge testing device and contactor. R. S. Hart. 2,183,333; Dec. 12.
Electronic image tube. E. Bruche and W. Schaffernicht. 2,172,727; Sept. 12.
Electronic indicating device. W. V. Roberts. 2,175,700; Oct. 10.
Electronic metering system. L. Brandenburger. 2,154,260; Apr. 11.
Electronic modulator for constant frequency variable dot transmission. R. E. Shelby. 2,171,150; Aug. 29.
Electronic pump. R. W. Reitherman. 2,182,751; Dec. 5.
Electronic system. H. E. Hollmann. 2,180,958; Nov. 21.
Electronic tube. W. Dällenbach. 2,154,758; Apr. 18.
Electronic tube. K. Schlesinger. 2,185,135; Dec. 26.
Electro-optical apparatus. W. P. Mason. 2,179,098; Nov. 7.
Electro-optical device for controlling light. L. M. Myers. 2,164,539; July 4.
Electro-optical system. F. Gray. 2,150,159–60; Mar. 14.
Electrooptical system. F. Gray. 2,169,179; Aug. 8.
Electrooptical system. A. W. Horton. 2,184,743; Dec. 26.
Electro-optical system. H. E. Ives. 2,150,168; Mar. 14.
Electro-optical system. F. W. Reynolds. 2,183,204; Dec. 12.
Electro-optical system. A. M. Skellett. 2,168,047; Aug. 1.
Electro-optical system. A. M. Skellett. 2,168,048–9; Aug. 1.
Electro-optical transmission system. R. V. L. Hartley and H. E. Ives. 2,166,247; July 18.
Electrophysiotherapeutical apparatus. J. H. Dobert. 2,182,223; Dec. 5.
Electroplating. H. J. Barrett and C. J. Wernlund. 2,171,842; Sept. 5.
Electroplating. F. A. Hatch. 2,164,710; July 4.
Electroplating. R. O. Hull. 2,164,924; July 4.
Electroplating. W. M. Tucker. 2,147,415; Feb. 14.
Electroplating apparatus. A. J. Donald. 2,177,453; Oct. 24.
Electroplating apparatus. C. W. Lowe. 2,181,490; Nov. 28.
Electroplating method and product. H. H. Armstrong and A. B. Menefee. 2,145,241; Jan. 31.
Electroplating method and product. H. H. Armstrong and A. B. Menefee. 2,145,745; Jan. 31.
Electropneumatic brake. G. L. Cotter. 2,145,567; Jan. 31.
Electropneumatic brake. C. C. Farmer. 2,147,296; Feb. 14.
Electropneumatic brake. S. L. Williams. 2,147,327; Feb. 14.
Electroprocessing machine. G. Todd. 2,175,788; Oct. 10.
Electroprocessing machine. G. Todd. 2,182,184; Dec. 5.
Electroresponsive control system. G. Camilli. 2,143,684; Jan. 10.
Electroresponsive devices. Apparatus for causing delayed operation of. M. R. Snyder. 2,143,501; Jan. 10.
Electrospindle and spindle for high speeds. C. T. Pastor. 2,147,714; Feb. 21.
Electrostatic cleaner. J. H. Smith. 2,149,556; Mar. 7.
Electrostatic machine. W. D. Coolidge and W. K. Kearsley. 2,181,724; Nov. 28.
Electrostatic precipitator. E. H. R. Pegg. 2,181,147; Nov. 28.
Electrostatic precipitator. G. W. Penney. 2,181,767; Nov. 28.
Electrostatic recording mechanism. R. J. Wise and F. L. O'Brien. 2,173,741; Sept. 19.
Electrostatic relay. E. Lewin. 2,175,354; Oct. 10.
Electrostatic separating apparatus. H. W. Bartlett. 2,174,681; Oct. 3.
Electrostatic separation. F. A. Fahrenwald, N. F. Parkinson, and G. H. Barnes. 2,180,804; Nov. 21.
Electrotechnique. G. Failla. 2,146,866; Feb. 7.
Electrotherapeutic device. H. W. Parker. 2,171,670; Sept. 5.
Electrothermic production of boron carbide. F. Schroll and A. Vogt. 2,163,293; June 20.
Electrotype plates, Method of and apparatus for making. E. R. Richards. 2,162,825; June 20.
Electrotypes, Apparatus for backing. G. W. Bungay. 2,182,114; Dec. 5.
Element of building construction. J. E. Schumacher. 2,154,053; Apr. 11.
Elements from molten metal, Forming. A. Simons. 2,171,132; Aug. 29.
Elements together, Method and apparatus for securing. E. R. Capita. 2,184,282; Dec. 26.
Elevating apparatus. L. W. Ferris. 2,181,881; Dec. 5.
Elevator. C. F. Carney. 2,182,667; Dec. 5.
Elevator. J. M. Hickman. 2,149,938; Mar. 7.
Elevator. C. A. Lundeen. 2,144,072; Jan. 17.
Elevator. G. O. Wright. 2,145,066; Jan. 24.
Elevator and mixer. R. L. Puccinelli. 2,161,485; June 6.
Elevator, Construction. P. Rattigan. 2,149,629; Mar. 7.
Elevator control means. M. Staley. 2,173,289; Sept. 19.
Elevator control mechanism. J. D. Lewis and O. A. Krauer. 2,149,452; Mar. 7.
Elevator control mechanism. W. E. Scheibner. 2,174,043; Sept. 26.
Elevator control system. W. F. Eames. 2,178,071; Oct. 31.
Elevator control system. H. W. Williams. 2,151,820; Mar. 28.
Elevator control system. H. W. Williams and R. W. Jones. 2,151,819; Mar. 28.
Elevator control system, Automatic stopping. M. Baruch, R. E. De Camp, and C. P. Walker. Re. 21,005; Feb. 21.
Elevator dispatch system. F. G. Almquist. 2,177,400; Oct. 24.
Elevator door lock. W. Mahlke. 2,153,765; Apr. 11.
Elevator, Fish. L. E. Helsel. 2,174,657; Oct. 3.
Elevator for line-casting machines, Assembling. N. N. McKeel. 2,172,087; Sept. 5.
Elevator for shoes, Insertable adjustable height increasing. J. Burger. 2,184,210; Dec. 19.
Elevator latch. C. A. Lundeen. 2,148,762; Feb. 28.

Elevator leveling system. J. H. Borden. 2,157,396; May 9.
Elevator link retainer. H. V. De Coursey. 2,150,581; Mar. 14.
Elevator mechanism. J. I. Philp. 2,173,790; Sept. 19.
Elevator of the endless band type. E. Roth. 2,163,353; June 20.
Elevator, Pipe conveyer. H. W. Hapman. 2,147,199; Feb. 14.
Elevator, Pipe or tube. D. G. Jack. 2,172,908; Sept. 12.
Elevator safety apparatus. F. Hymans. 2,145,656; Jan. 31.
Elevator safety device. B. Henricksen. 2,180,825; Nov. 21.
Elevator safety device. F. Hymans. 2,150,373; Mar. 14.
Elevator safety door lock. H. A. Rainey. 2,182,036; Dec. 5.
Elevator, Scoop. P. Bartholet. 2,170,231; Aug. 22.
Elevator suspension device. F. Hymans. 2,148,123; Feb. 21.
Elevator system. C. F. Carney and J. M. Gasprich. 2,172,187; Sept. 5.
Elevator system. R. B. Taylor. 2,145,809; Jan. 31.
Elliptic spring. W. H. Baselt. 2,171,206; Aug. 29.
Elongation gauge and method. E. B. Hudson. 2,167,548; July 25.
Embalmer's instrument. J. O. Tufts. 2,181,251; Nov. 28.
Embalming. H. I. Jones. 2,152,484; Mar. 28.
Emblem, Safety. H. W. Stephenson and T. H. Burton. 2,180,261; Nov. 14.
Embroidering machinery. R. Loeb. 2,145,885; Feb. 7.
Embroidery machine, Frame. K. Scheibel. 2,176,547; Oct. 17.
Emergency ignition switch. W. A. Mueller. 2,154,766; Apr. 18.
Emery board and assembled unit of the same. M. T. Brekke. 2,183,930; Dec. 19.
Empty and load apparatus. E. E. Hewitt. 2,155,225; Apr. 18.
Empty and load brake. W. B. Renshaw. 2,155,226; Apr. 18.
Emptying device and method. E. R. Alling. 2,159,000; May 23.
Emulsifier. W. N. Olson. 2,144,994; Jan. 24.
Emulsifier. L. P. Shropshire. 2,148,178; Feb. 21.
Emulsifiers and producing the same. C. Graenacher and R. Sallmann. 2,155,757; Apr. 25.
Emulsifying agents and making same. C. Maters and M. J. Riemersma. 2,155,141; Apr. 18.
Emulsifying mill. M. W. Ditto. 2,169,338; Aug. 15.
Emulsion and preparing same. O. Kress and C. E. Johnson. 2,172,392; Sept. 12.
Emulsion, Dehydrating an. W. R. Alexander. 2,168,309; Aug. 8.
Emulsion, Direct positive. J. A. Leermakers. 2,184,013; Dec. 19.
Emulsion, System for handling an. A. E. Cuthrell. 2,177,517; Oct. 24.
Emulsion treating apparatus. J. P. Walker. 2,181,684; Nov. 28.
Emulsions. W. Schrauth and K. Stickdorn. 2,164,723; July 4.
Emulsions and making the same. W. Kling and E. Götte. 2,143,986; Jan. 17.
Emulsions and producing the same. U. B. Bray and L. B. Beckwith. 2,166,541; July 18.
Emulsions, Apparatus for forming gas-liquid. A. Auger. 2,168,187; Aug. 1.
Emulsions, Breaking. I. M. Colbeth. 2,183,487; Dec. 12.
Emulsions containing solids, Resolving. G. M. Fisher and M. E. Garrison. 2,143,190; Jan. 10.
Emulsions, Method and apparatus for treating. R. B. Millard. 2,179,131; Nov. 7.
Emulsions, Method and apparatus for treating. H. Wolfe. 2,159,682; May 23.
Emulsions, Preparation of light-sensitive. C. A. Schleussner. 2,181,383; Nov. 28.
Emulsions, Producing improved aqueous-oil. P. P. Gray and I. Stone. 2,159,986; May 30.
Emulsions, Producing photographic. B. Claus. 2,158,219; May 16.
Enamel and making same, Opaque vitreous. I. Kreidl. 2,147,202; Feb. 14.
Enamel composition. R. T. Hucks. 2,170,658; Aug. 22.
Enamel frit, White opaque vitreous. I. Kreidl. 2,165,554; July 11.
Enamel, Removing. M. Zimmermann and W. Funke. 2,174,454; Sept. 26.
Enamel, Synthetic metallic. G. H. Hicks. 2,168,212; Aug. 1.
Enamel, Vitreous. G. Slayter. 2,144,666; Jan. 24.
Enameling machine. D. S. Starring and G. B. Horn. 2,184,704; Dec. 26.
Enameling stock and the like, Producing vitreous. G. L. von Planck. 2,158,443; May 16.
Enamels, Applying vitreous. W. J. Scott. 2,146,858; Feb. 14.
Enamels, Preparing. K. Frank and F. Osterloh. 2,165,134; July 4.
Enclosed arc lamp. G. E. Inman. 2,163,428; June 20.
Enclosure. J. A. Volk. 2,152,368; Mar. 28.
Enclosure device. E. L. Weed. 2,146,239; Feb. 7.
End construction for railway cars. J. C. Abel. 2,180,494; Nov. 21.
End gate. C. M. Iglehart. 2,184,597; Dec. 26.
End gate and chute for vehicles, Combination dumping. L. Lawson. 2,146,676; Feb. 7.
Endgate for vehicles. P. Ryan. 2,174,197; Sept. 26.
Endgate, Vehicle. F. G. Bulick. 2,147,627; Feb. 21.
End gripper for cloth laying machines. M. Breth. 2,162,789; June 20.
Endless track mechanism. O. L. Starr, W. Grothè, and H. S. Eberhard. 2,168,053; Aug. 1.
End stop member for separable fasteners. E. Wittenberg. 2,161,329; June 6.
Endstop for separable fasteners. D. Narinsky. 2,172,213; Sept. 5.
End-wrench set. C. V. Olson. 2,142,589; Jan. 3.
End zone retardation control system. K. Schiebeler. 2,183,409; Dec. 12.
Endothermic reactions, Carrying out. A. Voorhies, Jr. 2,170,437; Aug. 22.
Energy absorber. R. S. Quick, L. M. Karnasch, and E. M. Breed. 2,174,598; Oct. 3.
Energy impulses, Generation of extremely large short-duration. H. List and G. Hagedorn. 2,147,381; Feb. 14.
Energy in psychological experimentation, Measuring. R. B. W. Hutt and R. N. Abild. 2,157,790; May 9.
Energy of mass oscillations of solid bodies, Destroying the. C. F. Byland. 2,155,052; Apr. 18.
Energy such as exposure meters, Apparatus for the measurement of radiating. L. Devaux and R. A. Higonnet. 2,151,901; Mar. 28.
Engine: *See*—
Air cooled in-line engine.
Air engine.
Airplane engine.
Combustion engine.
Combustion-product engine.
Complementary rotary engine.
Compound engine.
Compression ignition engine.
Double opposed lever engine.
Explosive engine.
External combustion engine.
Fire engine.
Free piston engine.
Heat engine.
Heavy fuel engine.
Injection engine.
Internal combustion engine
Multicylinder engine.
Oil engine.
Oscillating piston engine.
Radial engine.
Reciprocating piston engine.
Rotary engine.
Rotary Diesel engine.
Rotary valve engine.
Sleeve valve engine.
Swash plate type engine.
Turbine engine.
Two-cycle engine.
Two-stroke engine.
Variable clearance volume
Wabble or swash plate engine.
Engine. L. M. Beall and F. P. Connors. 2,159,072; May 23.
Engine. D. J. Dolan. 2,143,729; Jan. 10.
Engine. C. Gardner. 2,147,290; Feb. 14.
Engine. R. K. Lee. 2,159,331; May 23.
Engine. R. K. Lee. 2,162,817; June 20.
Engine. A. J. Meyer. 2,162,514; June 13.
Engine. A. J. Meyer. 2,172,541; Sept. 12.
Engine. A. J. Meyer. 2,181,705; Nov. 28.
Engine. J. F. Oldham. 2,147,797; Feb. 21.
Engine. S. B. Robbins and M. P. Scholl. 2,169,289; Aug. 15.
Engine. C. G. A. Rosén. 2,148,505; Feb. 28.
Engine. E. T. Vincent. 2,143,290; Jan. 10.
Engine. E. T. Vincent. 2,156,774; May 2.
Engine. E. Whritenour. 2,182,269; Dec. 5.
Engine and controlling means therefor, Power generating. G. B. Bailey and E. G. Jay. 2,142,102; Jan. 3.
Engine and engine compressor. H. Capdet. 2,165,222; July 11.
Engine and the like, Rotary fluid pressure. E. Booth. 2,182,719; Dec. 5.
Engine apparatus, Internal combustion. A. Brunner. 2,178,356; Oct. 31.
Engine apparatus, Internal combustion. H. Wälti. 2,155,068; Apr. 18.
Engine arrangement in aircraft. W. Blume. 2,170,003; Aug. 22.
Engine assembly, Multicylinder. L. R. Spencer. 2,163,357; June 20.
Engine automatic compression ratio varying means, Internal combustion. Y. Hironaka. 2,153,691; Apr. 11.
Engine balancing. C. W. Iseler. 2,182,988; Dec. 12.
Engine chamber, Internal combustion. J. P. Burke. 2,161,244; June 6.
Engine choke. W. S. Roberts. 2,171,008; Aug. 29.
Engine compression control, Internal combustion. G. F. Rightmyer. 2,146,230; Feb. 7.
Engine connecting rod, Radial. A. Chilton. 2,146,527; Feb. 7.
Engine construction, Reciprocating piston. H. Wälti. 2,143,586; Jan. 10.
Engine control, Automatic. M. S. Curtis. 2,158,572; May 16.
Engine control, Diesel-electric. O. Schlaepfer. 2,145,611; Jan. 31.
Engine control, Internal combustion. M. J. Finnegan and H. Baer. 2,142,746; Jan. 3.
Engine control mechanism, Electrical. E. Martin. 2,144,429; Jan. 17.

Engine control, Over speed. E. V. Stone. 2,160,318; May 30.
Engine cooling means. D. S. Hersey. 2,172,139; Sept. 5.
Engine cooling means. D. S. Hersey. 2,174,418; Sept. 26.
Engine cooling system. G. W. Gerstung. 2,175,432; Oct. 10.
Engine cooling system. F. M. Hardiman. 2,147,699; Feb. 21.
Engine cooling system. H. E. Morton. 2,160,980; June 6.
Engine cooling system. H. Schlagintweit. 2,175,448; Oct. 10.
Engine cowling. C. W. Scott. 2,178,998; Nov. 7.
Engine deceleration and governor control. A. G. H. Vanderpoel and K. W. S. Ostling. 2,152,226; Mar. 28.
Engine electric unit, Internal combustion. A. Brunner. 2,152,025; Mar. 28.
Engine exhaust, Marine. G. W. Gibbs, Jr. 2,142,268; Jan. 3.
Engine for vehicles, Compression. L. Nigro. 2,149,623; Mar. 7.
Engine frame. W. T. Hanna. 2,157,124; May 9.
Engine frame. G. Pielstick. 2,148,639; Feb. 28.
Engine frame construction. E. Chapman. 2,159,006; May 23.
Engine fuel system, Diesel. W. E. Greene. 2,146,139; Feb. 7.
Engine gas plants, Output control of floating piston. H. Steiner. 2,147,935; Feb. 21.
Engine governor, Fluid operable. S. S. Sherriff. 2,172,642; Sept. 12.
Engine having diametrically opposed cylinders. A. J. Stubings. 2,170,099; Aug. 22.
Engine, Internal combustion. J. A. H. Barkeij. Re. 21,177; Aug. 22.
Engine, Internal combustion. R. M. Nardone. Re. 21,198; Sept. 5.
Engine limiting device, Vehicle speed. N. M. McCullough. 2,169,267; Aug. 15.
Engine mechanism. E. S. Hall. 2,152,351; Mar. 28.
Engine mounting. W. E. Stitz. 2,145,280; Jan. 31.
Engine mounting. R. S. Trott. 2,155,377; Apr. 18.
Engine of the compression ignition type, Internal combustion. C. W. Chapman. 2,169,381; Aug. 15.
Engine oil scavenging device. W. D. Kennedy. 2,162,259; June 13.
Engine on aircraft, Air cooled. P. A. Richard. 2,182,054; Dec. 5.
Engine plant, Internal combustion. H. Heinzelmann. 2,179,628; Nov. 14.
Engine speed and reverse control. D. R. Staples. 2,163,895; June 27.
Engine stand. L. Clergy. 2,182,743; Dec. 5.
Engine starter. J. W. Fitz Gerald. 2,182,584; Dec. 5.
Engine starter drive. C. S. Janes. 2,142,942; Jan. 3.
Engine starting apparatus. J. W. Allen. 2,150,594; Mar. 14.
Engine starting apparatus. H. Baer and M. J. Finnegan. 2,154,555; Apr. 18.
Engine starting apparatus. R. M. Nardone. 2,156,667; May 2.
Engine starting mechanism. R. P. Lansing. 2,181,333; Nov. 28.
Engine starting mechanism. R. M. Nardone. 2,144,195–6; Jan. 17.
Engine starting mechanism. R. M. Nardone. 2,156,602; May 2.
Engine starting mechanism. R. M. Nardone. 2,156,603; May 2.
Engine starting mechanism. C. R. Waseige. 2,152,675; Apr. 4.
Engine starting mechanism. A. H. Winkler. 2,152,124; Mar. 28.
Engine starting, Motor vehicle. F. E. Liverance, Jr. 2,151,981; Mar. 28.
Engine structure. R. Wintzer. 2,150,535; Mar. 14.
Engine structure, Radial. B. Kahn. 2,154,402; Apr. 11.
Engine throttle control, Automatic. M. F. Bates. 2,160,194; May 30.
Engine, Two-cycle. C. D. Quantz. Re. 21,219; Sept. 26.
Engine using hydrogen as fuel, Internal combustion. R. A. Erren. 2,183,674; Dec. 19.
Engine valve. F. Steiner. 2,153,284; Apr. 4.
Engine valve, Internal combustion. H. Wälti. 2,159,607; May 23.
Engine with adjustable pressure, Internal combustion. R. Geisslinger and K. R. Greiner. 2,157,486; May 9.
Engine with blower, Internal combustion. M. L. Fast. 2,164,451; July 4.
Engine with cylinder chambers and whirl chambers and connecting passageways, Internal combustion. O. D. Treiber. 2,172,526; Sept. 12.
Engine with means for regulating the compression ratio, Internal combustion. K. Tsuneda and Y. Hironaka. 2,142,621; Jan. 3.
Engine with rotary valve, Combustion. H. and M. Manrodt. 2,183,122; Dec. 12.
Engines, Attachment for internal combustion. L. H. Messinger, Jr. 2,168,605; Aug. 8.
Engines, Charging internal combustion. R. A. Erren. 2,164,234; June 27.
Engines, Charging of explosion. O. Fuscaldo. 2,177,020; Oct. 24.
Engines, Making internal combustion. V. I. Moncrieff. 2,144,928; Jan. 24.
Engines, Method and apparatus for regulating charge for internal combustion. H. Silverstein. 2,179,235; Nov. 7.
Engines, Operating an internal combustion. W. E. Lyons and L. J. McKone. 2,151,432; Mar. 21.
Engines, Operation of internal combustion. H. Jänicke. 2,167,951; Aug. 1.
Engines or the like by means of electric motors, System for starting internal combustion. A. Gachon. 2,164,909; July 4.
Engines, Process and apparatus for increasing fuel efficiency of internal combustion. T. Marshall, Jr. 2,169,844; Aug. 15.
Engines, Regulation of internal combustion. E. Schimanek. 2,182,933; Dec. 12.
Engines, Starting arrangement for internal combustion. A. Callsen and A. Weiss. 2,151,463; Mar. 21.
Engines, Starting governed. J. H. Wren. 2,163,136; June 20.
Engines, Synchronization indicator for internal combustion. C. I. McNeil. 2,153,264; Apr. 4.
Engraver's shading board. C. Wilhelm. 2,150,855; Mar. 14.
Engraving. M. A. Campbell. 2,175,739; Oct. 10.
Engraving and allied pantograph machine, Three dimensional. P. M. Henkes. 2,161,709; June 6.
Engraving and apparatus for and method of making the same, Half-tone. M. C. Zilberman, L. O. Thunberg, and L. V. Skinner. 2,149,487; Mar. 7.
Engraving and copying machine. K. Zwick. 2,176,193; Oct. 17.
Engraving apparatus. E. J. Cook. 2,163,271; June 20.
Engraving apparatus. E. J. Cook. 2,176,665; Oct. 17.
Engraving die. F. C. Hirschman, N. Johnson, and J. E. Stringfellow. 2,143,243; Jan. 10.
Engraving machine. G. A. Bouvier and E. J. Crane. 2,151,078; Mar. 21.
Engraving machine or the like. W. Taylor and E. A. Cooke. 2,179,388; Nov. 7.
Engraving or reproducing machine. H. W. Waldord and E. May 2,156,269; May 2.
Engraving or routing machine. J. Shilkoff and C. P. Wood. 2,154,252; Apr. 11.
Engraving process. E. A. Sikorski. 2,177,751; Oct. 31.
Enlarging apparatus. H. J. Hood. 2,172,246; Sept. 5.
Enlarging apparatus for movie films. J. H. Simms. 2,168,688; Aug. 8.
Ensilage harvesting machine. L. F. Sommerfeld. 2,177,911; Oct. 31.
Entrance cap. P. N. Dann. 2,148,059; Feb. 21.
Envelope. R. L. Gray. 2,158,233; May 16.
Envelope. M. Kahn. 2,163,041; June 20.
Envelope. K. MacDonald. 2,162,958; June 20.
Envelope. L. Mandelbaum. 2,175,508; Oct. 10.
Envelope. J. J. Ormond. 2,159,957; May 23.
Envelope. V. J. Sawdon. 2,148,324; Feb. 21.
Envelope. V. J. Sawdon. 2,165,195; July 4.
Envelope. V. J. Sawdon. 2,178,084; Oct. 31.
Envelope and savings bank, Combined. I. M. Silverberg. 2,154,780; Apr. 18.
Envelope applying device, Garment. B. A. Wood. 2,160,245; May 30.
Envelope, Coin. G. W. Jones. 2,171,702; Sept. 5.
Envelope fastener machine. D. Novick. 2,180,718; Nov. 21.
Envelope for garments. F. L. Goding. 2,175,387; Oct. 10.
Envelope in continuous strip form. P. C. Wanser. 2,148,886; Feb. 28.
Envelope machine. A. L. Roloff. 2,151,665; Mar. 21.
Envelope machine. A. Novick. 2,170,422; Aug. 22.
Envelope, Mailing. A. F. Durand. 2,148,686; Feb. 28.
Envelope making machine. A. Novick. 2,142,143; Jan. 3.
Envelope making machine. A. Novick. 2,173,854; Sept. 26.
Envelope-making machine. A. Novick. 2,181,518; Nov. 28.
Envelope, Multiform. V. J. Sawdon. 2,158,528; May 16.
Envelope opening machine. E. J. Dummer and A. Gay. 2,146,110; Feb. 7.
Envelope opening machine. E. J. Dummer and A. Gay. 2,157,232; May 9.
Envelope opening machine. E. J. Dummer and A. Gay. 2,159,260; May 23.
Envelope opening machine. E. J. Dummer and A. Gay. 2,163,026; June 20.
Envelope, Postal. W. A. Didier. 2,153,504; Apr. 4.
Envelope, Preaddressed. E. C. Sauerman. 2,167,005; July 25.
Envelope, Remittance. F. W. Randolph. 2,142,374; Jan. 3.
Envelope, Safety. M. Vogel. 2,181,252; Nov. 28.
Envelope, Self-sealing. W. Hohwart. 2,157,898; May 9.
Envelope strip, Manifold. F. B. Smith. 2,181,212; Nov. 28.
Envelope-stuffing machine. A. B. Crosby. 2,163,572; June 27.
Envelope transfer and feeding mechanism. A. Novick. 2,162,666; June 13.
Envelopes, Forming. J. J. Shea and W. F. Irrgang. 2,153,848; Apr. 11.
Envelopes, Manufacture of. L. O. Hayes. 2,155,656; Apr. 25.
Envelopes, Manufacture of dry-sealing. V. E. Heywood. 2,163,037–8; June 20.

Envelopes, Producing preaddressed. E. C. Sauerman. 2,184,362; Dec. 26.
Enzyme from ficus latex, Producing proteolytic. A. Walti. 2,163,643; June 27.
Enzyme preparation. H. C. Gore, G. Kirby, and C. N. Frey. 2,164,914; July 4.
Enzymes, Restraining or preventing the action of proteolytic. L. Elion. 2,158,411; May 16.
Epiallo-pregnanol (3) - one (20), Preparation of. E. Schwenk, B. Whitman, and G. A. Fleischer. 2,180,614; Nov. 21.
Epihalohydrins, Production of. W. Engs and A. W. Fairbairn. 2,177,419; Oct. 24.
Episcopic apparatus. L. N. Mestre. 2,168,487; Aug. 8.
Equalizer, Attenuation. S. Darlington. 2,153,743; Apr. 11.
Equalizer for mechanically operated automobile brakes. D. Nicol, Jr. 2,181,626; Nov. 28.
Equalizer for sucker rods. J. T. Dickson. 2,166,426; July 18.
Equalizing means for hydraulic brakes. L. E. La Brie. 2,160,074; May 30.
Equalizing system. A. H. Buckley. 2,142,994; Jan. 10.
Equipment for moving snow or other movable substances. G. C. Soule and C. D. Henry. 2,176,576; Oct. 17.
Equipment for wells, Producing. W. L. Church. 2,182,890; Dec. 12.
Equipment of distilling plants, Protection vacuum-creating. R. L. Rude. 2,152,155; Mar. 28.
Equipment pertaining to skis. J. Refsland. 2,156,867; May 2.
Equipment to railroad cars, Mounting underneath. K. F. Nystrom. 2,157,427; May 9.
Eraser. J. H. Morcom. 2,178,080; Oct. 31.
Eraser and pencil, Combined. E. M. Gorrell. 2,173,361; Sept. 19.
Eraser attachment, Adjustable. W. W. Smith. 2,164,433; July 4.
Eraser attachment for typewriters. F. W. Stout. 2,145,142; Jan. 24.
Eraser attachment, Fountain pen. J. Cidissen. 2,157,450; May 9.
Eraser, Automatic blackboard. G. C. Farmer. 2,167,296; July 25.
Eraser cleaner. C. E. Bruce. 2,151,372; Mar. 21.
Eraser cleaner. F. L. Hennefer. 2,163,788; June 27.
Eraser cleaner. E. F. Seams. 014; Sept. 12.
Eraser cleaning machine. C. L. 2,152,140; Mar. 28.
Eraser, erasing material, and [illegible] he same. W. E. Jones. 2,164,035; June 27.
Eraser for pencil and [illegible] refor. M. Pipi. 2,161,086; June 6.
Eraser for typewriters, [illegible] operated. C. T. Collins. 2,158,534; M[illegible]
Eraser holding means. H. J. Rot[illegible] 2,142,377; Jan. 3.
Eraser, Ink. F. L. Sherlo[illegible] 147,561; Feb. 14.
Eraser, Pencil. H. K. Stempel. 2,177,466; Oct. 24.
Eraser tip, Pencil. I. Chesler. 2,148,684; Feb. 28.
Eraser tip, Pencil. J. McNulty. 2,151,824; Mar. 28.
Erasing device. E. Bernier. 2,163,018; June 20.
Erasing machine, Electrically driven. B. F. Hall. 2,143,124; Jan. 10.
Ergosterol, Producing crystalline. W. A. Carlson. 2,167,272; July 25.
Ergot derivative and obtaining it. M. S. Kharasch and R. R. Legault. 2,156,242; Apr. 25.
Error correcting device for typewriters. E. A. Quinn. 2,142,761; Jan. 3.
Error detecting device for printing telegraph receivers. J. A. Spencer. 2,153,737; Apr. 11.
Escalator control. R. Kearney. 2,147,979; Feb. 21.
Escapement mechanism. A. O. McCollum. 2,162,352; June 13.
Escapes, Retarding. S. J. Hodos. 2,152,052; Mar. 28.
Ester and alcohol entrainer content in azeotropic distillation systems, Replenishing and supplementing. J. J. Gordon. 2,171,550; Sept. 5.
Ester and liquid esters and the product thereof, Acceleration of gelatinization of cellulose nitric. J. T. Power and K. R. Brown. 2,146,026; Feb. 7.
Ester condensations. V. L. Hansley. 2,158,071; May 16.
Ester gum composition, Fluid. H. A. Winkelmann and J. P. McKenzie. 2,154,798; Apr. 18.
Ester interchange with organic acids. H. W. de Ropp. 2,162,451; June 13.
Ester, Manufacture of cellulose. C. O. Miller and A. E. Siehrs. 2,181,906; Dec. 5.
Esters. H. J. Barrett and D. E. Strain. 2,160,532; May 30.
Esters and isobutylene, Interpolymerization of fumaric. H. Hopff and G. Steinbrunn. 2,182,316; Dec. 5.
Esters and making same, Alkyl methacrylic. E. L. Kropa. 2,150,507; Mar. 14.
Esters and method, Cellulose. W. W. Heckert. 2,170,024; Aug. 22.
Esters and preparing them, Cativic acid. N. L. Kalman. 2,152,741; Apr. 4.
Esters and preparing them, Vinyl. O. Nicodemus, H. Lange, and O. Horn. 2,153,987; Apr. 11.
Esters and producing them, Phosphoric acid. B. R. Harris. 2,177,984; Oct. 31.
Esters derived from isocyclic compounds. K. Daimler and C. Platz. 2,179,209; Nov. 7.
Esters, Diphenylacetic acid. K. Miescher and K. Hoffmann. 2,143,491; Jan. 10.
Esters esterified in 3-position and making same, Sstradiol. K. Miescher and C. Scholz. 2,156,599; May 2.
Esters, Halogen-caroxylic acid. B. R. Harris. 2,145,443; Jan. 31.
Esters, Making cyclic. W. H. Carothers and J. W. Hill. 2,163,268; June 20.
Esters, Manufacture of. H. S. Davis and A. W. Francis. 2,169,227; Aug. 15.
Esters, Manufacture of. J. F. Harrington. 2,147,341; Feb. 14.
Esters of alcohol amine derivatives, Sulpho-carboxylic acid. A. K. Epstein and M. Katzman. 2,178,139; Oct. 31.
Esters of aliphatic alcohols, Preparation of acetoacetic. A. B. Boese, Jr. 2,167,168; July 25.
Esters of anthraquinone selenazoles, Leuco sulphuric acid. M. A. Prahl. 2,164,783; July 4.
Esters of aromatic sulphocarboxylic acids with hydroxyalkylamides and making same, Carboxylic acid. O. Albrecht. 2,169,515; Aug. 15.
Esters of cellulose and making the same, Organic. H. E. Martin. 2,177,903; Oct. 31.
Esters of cellulose containing dicarboxylic acid groups, Manufacture of mixed. L. W. Blanchard, Jr., and C. L. Crane. 2,183,982; Dec. 19.
Esters of cellulose containing radicals of the acids of tetrahydrofurane and its derivatives and their preparation. J. B. Dickey and J. G. McNally. 2,145,110; Jan. 24.
Esters of cellulose containing unsaturated acid radicals, Mixed. C. R. Fordyce and G. D. Hiatt. 2,170,016; Aug. 22.
Esters of cellulose, Mixed ether. J. F. Haskins. 2,146,738; Feb. 14.
Esters of cellulose, Organic. G. W. Seymour. 2,148,654; Feb. 28.
Esters of cellulose, Organic. G. W. Seymour. 2,169,330; Aug. 15.
Esters of cellulose, Stabilizing organic. G. W. Seymour. 2,169,329; Aug. 15.
Esters of cyclic alcohol. L. P. Kyrides. 2,159,594; May 23.
Esters of glycol and acylated hydroxy acids. T. F. Carruthers and C. M. Blair. 2,158,107; May 16.
Esters of glycol monoesters and acylated hydroxy acids. T. F. Carruthers and C. M. Blair. 2,151,185; Mar. 21.
Esters of heterocyclic monocarboxylic acids. H. R. Slagh. 2,164,357; July 4.
Esters of higher alcohols and lower aliphatic acids, Manufacture of organic. L. W. A. Meyer and F. R. Conklin. 2,173,124; Sept. 19.
Esters of methacrylic acid, Preparation of. H. A. Bruson and R. N. Washburne. 2,184,934; Dec. 26.
Esters of N-alkyl-piperidine-carboxylic acid, Carbocyclic hydroxyl alcohol. O. Dalmer and C. Diehl. 2,182,791–2; Dec. 12.
Esters of nitroalcohols, Phosphoric acid. B. M. Vanderbilt. 2,177,757; Oct. 31.
Esters of 1,4-dioxanediol-2,3. H. R. Slagh. 2,164,356; July 4.
Esters of 1,4-dioxanediol-2,3 and 1,4-dioxaneol-2-chloro-3. H. R. Slagh. 2,164,355; July 4.
Esters of phosphoric acid, Manufacture of. A. J. Daly and W. G. Lowe. 2,157,164; May 9.
Esters of phthalic acid. B. M. Vanderbilt. 2,161,552; June 6.
Esters of polycarboxylic acid, Abietyl. H. J. Barrett and W. A. Lazier. 2,142,989; Jan. 10.
Esters of polyglycols and their ethers and compositions containing the same. B. Andersen and A. F. Caprio. 2,151,311; Mar. 21.
Esters of polyhydroxy aliphatic compounds, Making nitrite. C. Allen. 2,166,698; July 18.
Esters of polynuclear hydroxyketones, Making the. L. Ruzicka. 2,165,655; July 11.
Esters of sulphodicarboxylic acids. A. O. Jaeger. 2,176,423; Oct. 17.
Esters, Mixed. M. De Groote. 2,184,794; Dec. 26.
Esters, Phosphate. B. R. Harris. 2,177,983; Oct. 31.
Esters, Phthalic acid. J. B. Tuttle. 2,166,934; July 25.
Esters, Polycarboxylic acid. R. McGill. 2,172,803; Sept. 12.
Esters, Polymerization of vinyl. A. W. Downes. 2,183,642; Dec. 19.
Esters, Preparation of aromatic. A. H. Gleason. 2,180,953; Nov. 21.
Esters, Preparation of sulphocarboxylic. B. R. Harris. 2,166,144; July 18.
Esters, Preparing vinyl. H. Lange and O. Dorrer. 2,156,093; Apr. 25.
Esters, Production of alkyl and aralkyl cyanoacetic. A. C. Cope, W. H. Hartung, and F. S. Crossley. 2,176,018; Oct. 10.
Esters, Production of colorless liquid organic. A. K. Burke and T. J. McKeon. 2,165,450; July 11.
Esters, Production of hydroxy aliphatic. B. T. Brooks. 2,176,201; Oct. 17.
Esters, Production of organic. E. von Retze. 2,155,625; Apr. 25.
Esters, Production of secondary alkylidene cyanoacetic. A. C. Cope. 2,150,154; Mar. 14.
Esters, Production of vitamin A. K. C. D. Hickman and A. O. Tischer. 2,169,195; Aug. 8.

Esters, Recovery of cellulose. R. B. Dayton. 2,147,594; Feb. 14.
Esters, Substituted malonic. F. C. Whitmore, D. M. Jones, and C. I. Noll. 2,161,213; June 6.
Esters suitable as assistants for the textile and related industries, Sulpho-carboxylic. F. Guenther and K. Saftien. 2,169,998; Aug. 22.
Esters, Sulphocarboxylic. B. R. Harris. 2,166,141; July 18.
Esters, Sulphocarboxylic. B. R. Harris. 2,166,143; July 18.
Esters, Sulphocarboxylic. B. R. Harris. 2,166,145; July 18.
Esters, Sulphocarboxylic acid. B. R. Harris. 2,166,142; July 18.
Etching apparatus. A. Holmström. 2,171,474; Aug. 29.
Etching, Electrolytic. F. J. Brislee. 2,172,158; Sept. 5.
Etching machine. W. Guenst. 2,152,688; Apr. 4.
Etching machine. H. G. Pfaffmann. 2,177,877; Oct. 31.
Etching machine, Electrical. R. W. Heisler. 2,176,588; Oct. 17.
Etching machine, Electrolytic. E. G. Hartel. 2,142,512; Jan. 3.
Etching process. J. S. Williams. 2,177,086; Oct. 24.
Ethanol, Dehydration of. A. Marples. 2,173,692; Sept. 19.
Ether. F. N. Alquist and H. R. Slagh. 2,181,085; Nov. 21.
Ether acid compounds containing a higher aliphatic group. Polyoxyalkylene. H. Haussmann, W. Scheufler, and J. Kaupp. 2,183,853; Dec. 19.
Ether derivatives of polyhydric alcohols, Manufacture of. E. W. Eckey. 2,182,397; Dec. 5.
Ether-esters of alkoxy-benzoic acids. E. F. Grether and R. B. Du Vall. 2,176,070; Oct. 17.
Ether, Hydrogenated terpene. I. W. Humphrey. 2,151,769; Mar. 28.
Ether, Polymerized di-(2-chloroallyl). G. H. Coleman and R. W. Sapp. 2,161,737; June 6.
Ether, Preparation of divinyl. W. A. Lott. 2,146,752; Feb. 14.
Ether, Production of isopropyl. E. R. Gilliland. 2,160,854; June 6.
Ether solution, Viscose-cellulose. R. W. Maxwell. 2,162,460; June 13.
Ether sulphonates, Aromatic polyalkylene. H. A. Bruson. 2,178,830; Nov. 7.
Ethers and making the same, Chlorinated diphenal. C. F. Prutton. 2,165,813; July 11.
Ethers and making them, Penta alkylene glycol dialkyl. G. F. Zellhoefer and C. S. Marvel. 2,146,323; Feb. 7.
Ethers and making them, Hexa alkylene glycol dialkyl. G. F. Zellhoefer and C. S. Marvel. 2,146,324; Feb. 7.
Ethers and preparing them, Sulphated a,a′-dialkyl glycerine. N. D. Scott. 2,161,937; June 13.
Ethers and salts thereof, B-methylcholine. G. Roeder. 2,155,446; Apr. 25.
Ethers, Aromatic polyalkylene. H. A. Bruson. 2,178,831; Nov. 7.
Ethers by means of acetylene, Production of aliphatic vinyl. W. Reppe and O. Hecht. 2,157,348; May 9.
Ethers, Chloralkyl xenoxy. G. H. Coleman, L. E. Mills, and G. V. Moore. 2,167,639; Aug. 1.
Ethers, Cyclohexylated chloro-diphenyl. F. B. Smith. 2,182,827; Dec. 12.
Ethers derived from carbohydrates, Production of vinyl. W. Reppe and O. Hecht. 2,157,347; May 9.
Ethers from olefins, Manufacture of. C. F. Oldershaw. 2,178,186; Oct. 31.
Ethers, Hydroxy-alkyl. G. H. Coleman and J. W. Zemba. 2,158,960; May 16.
Ethers, Making low viscosity cellulose. R. D. Freeman and M. J. Roberts. 2,159,375–7; May 23.
Ethers, Manufacture of. V. Ipatieff. 2,179,092; Nov. 7.
Ethers of benzophenone, Hydroxy-alkyl. G. H. Coleman and C. L. Moyle. 2,182,786; Dec. 12.
Ethers of 4-tertiary-alkyl phenols, Hydroxy-alkyl. G. H. Coleman and J. W. Zemba. 2,158,958; May 16.
Ethers of glycol mono-aryloxy-acetates. E. F. Grether. 2,142,125–6; Jan. 3.
Ethers of hydrogenated phenols. H. R. Slagh and F. N. Alquist. 2,181,100; Nov. 21.
Ethers of meta-phenylphenol, Alkyl. G. H. Coleman and G. V. Moore. 2,157,071; May 2.
Ethers of 1,3-dihydroxy-isobutane and 1-chloro-3-hydroxy-isobutane. G. H. Coleman and G. V. Moore. 2,159,364; May 23.
Ethers of phenylphenols, Methallyl. G. H. Coleman and G. V. Moore. 2,170,990; Aug. 29.
Ethers of polyhydric alcohols, Secondary. T. W. Evans and E. F. Bullard. 2,156,724; May 2.
Ethers of polyhydric alcohols, Secondary. T. W. Evans and E. F. Bullard. 2,164,007; June 27.
Ethers of polyhydroxy halogenated phenols. L. P. Kyrides. 2,171,495; Aug. 29.
Ethers of substituted phenols, Hydroxy-alkyl. G. H. Coleman and J. W. Zemba. 2,158,957; May 16.
Ethers of tertiary-alkyl phenols, Hydroxy-alkyl. G. H. Coleman and J. W. Zemba. 2,158,959; May 16.
Ethers of tertiary-alkyl phenylphenols. G. H. Coleman and G. V. Moore. 2,161,558; June 6.
Ethers of the alkyl esters of hydroxy benzoic acids. S. L. Bass and E. M. Van Duzee. 2,154,598; Apr. 18.
Ethers, Plasticization of cellulose. I. E. Muskat. 2,162,027; June 13.
Ethers, Preparation of cellulose. H. T. Clarke and C. J. Malm. 2,170,009; Aug. 22.
Ethers, Preparation of cellulose. F. C. Peterson and A. J. Barry. 2,145,273; Jan. 31.
Ethers, Preparation of terpene. D. H. Sheffield. 2,182,826; Dec. 12.
Ethers, Purification of. N. D. Scott. 2,174,293; Sept. 26.
Ethers, Stabilization of. E. T. Crawford, Jr., and R. K. Turner. 2,142,936; Jan. 3.
Ethers, Stabilization of cellulose. S. L. Bass, H. N. Fenn, and F. C. Peterson. 2,159,367; May 23.
Ethers, Stabilization of cellulose. F. C. Peterson and H. N. Fenn. 2,159,399; May 23.
Ethers suitable as dispensing agents and of preparations therefrom, Production of. C. Schoeller and J. Nuesslein. 2,164,431; July 4.
Ethers, Sulphated aliphatic. B. R. Harris. 2,155,899; Apr. 25.
Ethers, The purification of cellulose. A. S. Finlayson. 2,178,630; Nov. 7.
Ethers, Trichlor methyl aromatic carbinol. L. P. Kyrices. 2,168,349; Aug. 8.
Ethers with olefines in the presence of titanium halide catalysts, Reaction of alpha-halogenated. E. L. Martin. 2,143,021; Jan. 10.
Ethyl cellulose-nitrocellulose composition. T. A. Kauppi. 2,159,384; May 23.
Ethyl chloride, Production of. W. Flemming, K. Dachlauer, and E. Schnitzler. 2,162,532; June 13.
Ethylene from a gaseous mixture, Method and apparatus for separating. W. L. De Baufre. 2,180,200; Nov. 14.
Ethylene from a gaseous mixture with ethane, methane, and hydrogen, Method and apparatus for separating. W. L. De Baufre. 2,154,668; Apr. 18.
Ethylene from oil, Producing. J. J. Grebe. 2,176,962; Oct. 24.
Ethylene from saturated hydrocarbons, Production of. H. Haeuber and J. Hirschbeck. 2,154,676; Apr. 18.
Ethylene glycol aryloxy-acetates. E. F. Grether, W. R. Shawver and R. B. Du Vall. 2,170,995; Aug. 29.
Ethylene glycol di-(aryloxy-acetates). E. F. Grether, W. R. Shawver and R. B. Du Vall. 2,170,996; Aug. 29.
Ethylene, Halo-substitution. H. P. A. Groll, G. Hearne, J. Burgin and D. S. [illegible] France. 2,167,927; Aug. 1.
Ethylene imines, Pol[illegible]ation of. H. Ulrich and W. Harz. 2,182,306 [illegible]
Ethylene, Manufact[illegible]. A. Rogers. 2,174,196; Sept. 26.
Ethylene oxide, M[illegible]overing. H. Langwell and H. M. Stan[illegible] May 2.
Ethylene oxide, M[illegible]. Langwell and H. M. Stanley. 2,172,[illegible]
Ethylene polymer, [illegible]lid. E. W. Fawcett. 2,183,556; Dec. 19.
Ethylenes, Preparing c[illegible]eu. G. Basel and E. Schaeffer. 2,158,213; May 16.
Etiocholanones and their derivatives and producing the same, Addition products of saturated and unsaturated. W. Schoeller and A. Serini. 2,150,885; Mar. 14.
Evacuated container. H. E. Ohlrogge. 2,177,224; Oct. 24.
Evacuating device. D. Dillinger. 2,148,807; Feb. 28.
Evacuating economizer for clothes pressing machines. S. P. Densmore. 2,158,617; May 16.
Evacuation of heavy products, Apparatus for automatically regulating the. D. Spinetta. 2,172,299; Sept. 5.
Evacuator for surgical and similar operations, Suction. S. M. Abbott. 2,172,949; Sept. 12.
Evaporating apparatus and method. D. D. Peebles and P. D. V. Manning. 2,168,362; Aug. 8.
Evaporating mechanism and process. B. H. Thurman. 2,142,984; Jan. 3.
Evaporative condenser. E. F. Fisher. 2,142,747; Jan. 3.
Evaporative condenser. L. W. Melcher. 2,185,035; Dec. 26.
Evaporative cooler. C. N. Deverall. 2,166,397; July 18.
Evaporator. W. B. Anderson. 2,143,171; Jan. 10.
Evaporator. A. W. Baumann. 2,172,236; Sept. 5.
Evaporator. A. R. Constantine. 2,155,819; Apr. 25.
Evaporator. D. P. Heath. 2,157,127; May 9.
Evaporator. W. W. Higham. 2,163,175; June 20.
Evaporator. W. W. Higham and S. H. Morse. 2,162,083; June 13.
Evaporator. B. S. Hughes. 2,150,860; Mar. 14.
Evaporator. M. J. Kermer. 2,165,272; July 11.
Evaporator. T. B. R. Peters. 2,165,004; July 4.
Evaporator. A. S. Pierrel. 2,158,946; May 16.
Evaporator. P. B. Sadtler. 2,176,152; Oct. 17.
Evaporator and shelf lay-out, Refrigerator. R. A. Sandberg. 2,144,510; Jan. 17.
Evaporator and the like, Long tube vertical. F. H. Walker. 2,181,750; Nov. 28.
Evaporator and the like, Multiple effect. W. T. Hinckley. 2,181,731; Nov. 28.
Evaporator control means. R. H. Money. 2,163,698; June 27.
Evaporator, Flooded. C. B. Hall. 2,145,721; Jan. 31.
Evaporator for use in refrigeration devices. L. M. Crosley and R. H. Money. 2,143,976; Jan. 17.
Evaporator, Multistage. H. I. Waterman and C. van Vlodrop. 2,159,303; May 23.

Evaporator plate for refrigerating systems, Embossed tube. W. Raskin. 2,156,544; May 2.
Evaporator, Refrigerant. D. F. Newman. 2,162,586; June 13.
Evaporator, Refrigerator. W. W. Higham and E. A. Langwish. 2,171,790; Sept. 5.
Evaporator, Sheet-metal. D. P. Heath. 2,166,953; July 25.
Evaporator unit for refrigeration purposes. S. A. and A. S. Limpert. 2,158,877; May 16.
Evaporator units and composite evaporators, Construction of. L. M. Crosley and R. H. Money. 2,154,562; Apr. 18.
Evaporators, Hold-over arrangement for refrigerant system. O. U. Zerk and D. R. Vanneman. 2,169,332; Aug. 15.
Examining table. A. Demcak. 2,177,341; Oct. 24.
Excavating apparatus. J. E. Long. 2,144,246; Jan. 17.
Excavating apparatus. R. S. Weimer. 2,145,904; Feb. 7.
Excavating implement tooth. T. A. Ratkowski. 2,159,104; May 23.
Excavating machinery. F. W. Allan. 2,144,698; Jan. 24.
Excavating structure. B. C. Craig. 2,166,800; July 18.
Excavator. W. L. Shackleton. 2,150,848; Mar. 14.
Excavator. D. H. Young. 2,158,348; May 16.
Excavator and loader. L. J. Ferari. 2,146,807; Feb. 14.
Excavator base and frame. W. Harnischfeger. 2,144,760; Jan. 24.
Excavator, Convertible. J. A. Kuhsel. 2,153,719; Apr. 11.
Excavator head for ingot strippers. M. A. Joliet. 2,148,625; Feb. 28.
Excavator tooth, Repointing a worn. R. Bochy. 2,148,925; Feb. 28.
Excavator, Power. J. Penglase. 2,173,341; Sept. 19.
Excess flow check valve. W. C. Buttner. 2,179,144; Nov. 7.
Excitation system. H. A. Rose. 2,154,284; Apr. 11.
Excitation system for dynamo-electric machines. A. Mandl. 2,165,976; July 11.
Excitation system for third harmonic interphase transformers. C. C. Herskind. 2,166,814; July 18.
Exciter lamp. L. A. Herzig. 2,159,990; May 30.
Exerciser, Abdominal. Y. Uchiumi. 2,179,908; Nov. 14.
Exercising device. E. G. Thompson. 2,144,206; Jan. 17.
Exercising machine. S. H. Jensen. 2,152,431; Mar. 28.
Exercising machine. H. J. Marlowe. 2,145,940; Feb. 7.
Exhalation valve. W. A. Whipple. 2,174,503; Sept. 26.
Exhaust control. E. G. Wolf. 2,175,368; Oct. 10.
Exhaust device for internal combustion engines. M. Kadenacy. 2,167,303; July 25.
Exhaust heater. E. H. Carruthers. 2,169,555; Aug. 15.
Exhaust means, Variable auxiliary. F. A. Goodfellow. 2,176,257; Oct. 17.
Exhaust mechanism, Underwater. F. T. Irgens. Re. 20,961; Jan. 3.
Exhaust muffling means. G. C. Starkweather and L. L. Haas. 2,157,030; May 2.
Exhaust of internal combustion engines, Silencing the. L. G. Hector. 2,182,204; Dec. 5.
Exhaust passage of two-stroke internal combustion engine. M. Kadenacy. 2,168,528; Aug. 8.
Exhaust pipe and muffler support. D. T. Bradley. 2,160,808; June 6.
Exhaust silencer. E. G. Gunn. 2,182,945; Dec. 12.
Exhauster, Portable. W. H. C. Ness and M. B. Sawyer. 2,160,278; May 30.
Exhibiting and viewing apparatus. M. S. Croft. 2,174,778; Oct. 3.
Exhibiting device. W. A. McCombs. 2,160,886; June 6.
Exhibitor, Changeable. J. I. Robin. 2,151,333; Mar. 21.
Exothermic mixture. F. Racen and W. M. Bruner. 2,183,587; Dec. 19.
Exothermic reactions, Controlling. E. B. Peck. 2,161,974; June 13.
Expander for split-skirt pistons, Permanent. F. C. Dalton. 2,168,601; Aug. 8.
Expander for storage batteries and making the same. R. A. Daily. 2,178,680; Nov. 7.
Expander ring. W. E. Amberg. 2,155,031; Apr. 18.
Expanding and dilating device. J. O. Michel. 2,144,660; Jan. 24.
Expanding device for tubular envelopes. A. Joseph. 2,168,993; Aug. 8.
Expanding pipe plug. O. W. Eagar. 2,154,498; Apr. 18.
Expansible chamber motor. W. H. Wineman. 2,156,326; May 2.
Expansible element. C. H. Havill. 2,177,564; Oct. 24.
Expansion and contraction joint. F. R. McFarland. 2,150,982; Mar. 21.
Expansion chamber for bushing insulators. T. F. Brandt. 2,142,233; Jan. 3.
Expansion joint. M. E. Capouch. 2,161,333; June 6.
Expansion joint. S. Green, I. Spector, and J. Leese. 2,151,911; Mar. 30.
Expansion joint. L. Hughes and R. Blackledge. 2,181,018; Nov. 21.
Expansion joint. J. Schurman. 2,160,758; May 30.
Expansion joint, Road. R. R. Robertson. 2,144,814; Jan. 24.
Expansion pipe. K. M. Hassenkamm. 2,172,612; Sept. 12.
Expansion pipe joint. R. K. and S. C. V. Pepper. 2,182,995; Dec. 12.
Expansion plug. M. F. Johnson. 2,176,260; Oct. 17.
Expansion tank. E. S. Cornell, Jr. 2,166,235; July 18.
Expansion unit, Dry. L. Saha. 2,158,382; May 16.
Exploration by incremental wave distortion. R. Saibara, S. Bilinsky, and W. G. McLarry. 2,177,346; Oct. 24.
Exploration for buried deposits. L. Horvitz. 2,183,964; Dec. 19.
Exploration method, Electrical. D. S. Muzzey, Jr. 2,150,517; Mar. 14.
Exploration of subsurface, Method and apparatus for electrical. J. J. Jakosky. 2,167,950; Aug. 1.
Explosion and its production. W. D. Crater. 2,174,914; Oct. 3.
Explosion-hazard eliminating device, Gasoline storage tank. D. V. Gallery. 2,153,555; Apr. 11.
Explosion relief means. A. L. Galusha. 2,169,123; Aug. 8.
Explosion safety device. H. Brüning. 2,170,937; Aug. 29.
Explosive. L. S. Byers. 2,162,910; June 20.
Explosive. G. B. Hatch. 2,156,942; May 2.
Explosive. E. B. W. Kerone and C. C. Carroll. 2,177,657; Oct. 31.
Explosive. W. H. Rinkenbach and H. A. Aaronson. 2,167,679; Aug. 1.
Explosive. H. F. Schaefer. 2,160,626; May 30.
Explosive. J. Simon. 2,179,434; Nov. 7.
Explosive, Ammonium nitrate. M. H. Wahl. 2,171,379; Aug. 29.
Explosive and producing the same. W. D. Crater. 2,142,886; Jan. 3.
Explosive composition. H. H. Holmes. 2,168,030; Aug. 1.
Explosive composition and preparation, Gelatinized high. W. E. Lawson. 2,159,973; May 30.
Explosive composition, Disruptive or brisant. W. Friederich. 2,170,943; Aug. 29.
Explosive, Detonable. L. A. Sherman. 2,176,362; Oct. 17.
Explosive engine. C. A. Lee. 2,153,870; Apr. 11.
Explosive engine. M. Niemi. 2,163,052; June 20.
Explosive, Inorganic nitrate. C. O. Davis. 2,168,562; Aug. 8.
Explosive mechanism. R. M. Nardone. 2,156,666; May 2.
Explosive, Nitrostarch. C. O. Davis. 2,168,563; Aug. 8.
Explosive, Nondetonating blasting. A. T. Tyre. 2,154,416; Apr. 11.
Explosive, Pentaerythritol tetranitrate. J. A. Wyler. 2,154,552; Apr. 18.
Explosive powder and manufacture thereof. H. G. Pert. 2,167,849; Aug. 1.
Explosively actuated press. R. Temple, Jr. 2,149,641; Mar. 7.
Explosives, Treatment of ammonium nitrate. W. E. Kirst. 2,145,397; Jan. 31.
Exposure apparatus for cameras. H. F. Tönnies. Re. 21,149; July 11.
Exposure control, Automatic. J. Karg. Re. 21,034; Mar. 21.
Exposure control mechanism, Combination time lapse and photoelectric. C. P. Veber. 2,156,440; May 2.
Exposure meter. L. H. Brown. 2,159,202; May 23.
Exposure meter. F. K. McCune. 2,175,027; Oct. 3.
Exposure meter. R. J. Monner. 2,168,133; Aug. 1.
Exposure meter. H. Sauer, G. Henkel, and H. Bartels. 2,142,657; Jan. 3.
Exposure meter. H. F. Tönnies. 2,147,999; Feb. 21.
Exposure meter, Photoelectric. A. Bernhard, G. Beyrich, and H. Habermann. 2,147,396; Feb. 14.
Exposure meter, Photoelectric. A. Bernhard and G. Beyrich. 2,147,961; Feb. 21.
Exposure tester, Photographic. A. E. Reeves. 2,142,413; Jan. 3.
Extensible fastener. A. R. Richtmyer. 2,163,811; June 27.
Extension device. W. A. Davis. 2,156,973; May 2.
Extension device. S. O. Myrberg. 2,152,749; Apr. 4.
Extension device. N. T. Nelson. 2,150,872; Mar. 14.
Extension edge box. S. Bergstein. 2,154,084; Apr. 11.
Extension for gear-shift levers. N. Eddy. 2,185,024; Dec. 26.
Extension key chain. N. N. Okun. 2,159,223; May 23.
Extension table. E. P. Charak. 2,181,262; Nov. 28.
Extension table. T. E. McFall. 2,153,262; Apr. 4.
Extension table. E. G. Rudman and F. G. Ranney. 2,162,032; June 13.
Extensometer device. Q. M. Henderson. 2,183,909; Dec. 19.
Exterminator, Insect. M. P. Luther. 2,165,560; July 11.
External combustion engine. H. M. Gersman. 2,182,430; Dec. 5.
External combustion engine. H. Hardensett. 2,151,759; Mar. 28.
Extracting means. C. G. Kummerlander. 2,178,207; Oct. 31.
Extraction method. W. L. Horner. 2,173,842; Sept. 26.
Extraction process. E. Eichwald. 2,153,116; Apr. 4.
Extraction process. S. L. Leiboff. 2,182,564; Dec. 5.
Extraction process. S. Tijmstra. 2,149,643; Mar. 7.
Extraction process. W. J. D. van Dijck. 2,160,607; May 30.
Extraction, Process and apparatus for. A. G. Hamilton and E. C. Perkins. 2,183,837; Dec. 19.

Extractor: *See*—
Fishhook extractor.
Foot valve extractor.
Fruit juice extractor.
Juice extractor.
Nail extractor.
Oil extractor.
Spray extractor.
Vacuum extractor.
Weed extractor.
Well casing extractor.
Extractor. J. H. Kautsky. 2,164,016; June 27.
Extractor. E. L. Miller. 2,182,346; Dec. 5.
Extractor for tightly packaged articles. D. T. Terrel. 2,159,459; May 23.
Extractors, Balancing device for. G. W. Johnson. 2,144,064; Jan. 17.
Extracts of spleen and liver, Preparing. C. L. Lautenschläger and W. Ludwig. 2,171,320; Aug. 29.
Extracts from solid carbonaceous material, Production of. A. Pott and H. Broche. 2,147,753; Feb. 21.
Extruding materials, Method and apparatus for. E. H. Thomas. 2,168,889; Aug. 8.
Extruding press. C. D. Skinner and L. C. Bradley. 2,176,364; Oct. 17.
Extrusion. J. E. Ganoe. 2,164,397; July 4.
Extrusion apparatus for obtaining luster, color, pattern, and complicated shape effects on articles formed of plastic material. C. Orsini. 2,171,095; Aug. 29.
Extrusion device. F. P. Kretchmer. 2,149,920; Mar. 7.
Extrusion machine. R. G. Morris. 2,142,526; Jan. 3.
Extrusion machine for forming compressed feeds. C. C. Hall. 2,144,055; Jan. 17.
Extrusion mill. C. D. Skinner and L. C. Bradley. 2,176,365; Oct. 17.
Extrusion mold. J. W. Macklin. 2,156,396; May 2.
Extrusion press. J. H. Friden. 2,154,611; Apr. 18.
Extrusion press. A. Kreidler. 2,165,711; July 11.
Extrusion process. P. W. Crane and R. T. Fields. 2,146,532; Feb. 7.
Extrusion process and apparatus. W. Klocke. 2,167,845; Aug. 1.
Eye. Apparatus for correcting the defects of accommodation of the. E. H. Tartrais. 2,158,642; May 16.
Eye for dolls. M. Wittmann. 2,148,888; Feb. 28.
Eyeglass case. S. E. Bouchard. 2,184,408; Dec. 26.
Eyeglass construction. G. E. Nerney. 2,182,970; Dec. 12.
Eyeglass frame, Multifocal. B. H. Sperber. 2,155,806; Apr. 25.
Eyeglass mounting. E. H. Smythe. 2,162,900; June 20.
Eyeglass pad. M. B. Scharfeld. 2,147,802; Feb. 21.
Eyeglasses with edges for cosmetic effect. A. J. Anderson and J. G. Wescott. 2,174,304; Sept. 26.
Eyelash curler. N. L. Solomon. 2,168,370; Aug. 8.
Eyelet. J. Cordeiro. 2,170,708; Aug. 22.
Eyelet stay taping machine. W. P. Osgood. 2,154,007; Apr. 11.
Eyeleting machine. S. L. Gookin. 2,183,069; Dec. 12.
Eyeleting machine. F. E. Kalning. 2,176,304; Oct. 17.
Eye protector. W. P. Biggs. 2,143,856; Jan. 17.
Eye protector. S. Simkos. 2,172,296; Sept. 5.
Eye protector. G. Vaccaro. 2,165,668; July 11.
Eyes for dolls and artificial figures. N. Popovich. 2,143,029; Jan. 10.
Eyes, Treating. E. A. Taylor. 2,184,131; Dec. 19.
Eyeset, Rolling. S. Marcus. 2,149,685; Mar. 7.
Eyeshield. I. D. Blumenthal. 2,172,573; Sept. 12.
Eyeshield. R. Ehrlich. 2,176,006; Oct. 10.
Eyeshield. R. Ehrlich. 2,177,610; Oct. 24.
Eyeshield or the like. J. A. English. 2,179,286; Nov. 7.
Eye testing device. C. K. Schubert. 2,161,936; June 13.
Eye testing instrument. A. Ames, Jr. 2,147,957; Feb. 21.
Eye testing instrument. C. Hummon. 2,162,617; June 13.
Eye testing instrument. W. R. Wilson. 2,180,652; Nov. 21.
Fabric: *See*—
Absorbent and abrasive fabric.
Bias woven fabric.
Carpet or rug fabric.
Coated cellulosic fabric.
Curtain fabric.
Decorated textile fabric.
Elastic fabric.
Elastic textile fabric.
Electric textile fabric.
Electrically heated fabric.
Glass fabric.
Knitted fabric.
Knitted napped pile fabric.
Laminated fabric.
Machine-knit fabric.
Mixed fabric.
Open mesh fabric.
Perforated fabric.
Pile fabric.
Plain knit ornamented fabric.
Silk fabric.
Spiral fabric.
Textile fabric.
Tire fabric.
Warp knit fabric.
Wire fabric.
Woven elastic fabric.
Woven fabric.
Fabric. T. B. Coughlin. 2,164,499; July 4.
Fabric. C. T. Graham. 2,155,127; Apr. 18.
Fabric. J. Stein. 2,144,667; Jan. 24.
Fabric and closing the tube, Tubular knitted. R. and E. C. Hinchliff. 2,176,968; Oct. 24.
Fabric and its manufacture. H. Dreyfus and W. A. Dickie. 2,171,626; Sept. 5.
Fabric and its manufacture, Elastic. F. F. Schwartz and M. A. Chavannes. 2,175,733; Oct. 10.
Fabric and knitting the same, Knitted. J. and R. H. Lawson. 2,150,773; Mar. 14.
Fabric and making same. C. Dreyfus. 2,147,736; Feb. 21.
Fabric and making same. H. Platt and A. Lyem. 2,147,057; Feb. 14.
Fabric and making same, Pile. R. C. Amidon. 2,155,385; Apr. 25.
Fabric and making same, Pile. H. L. Shuttleworth 2,164,090; June 27.
Fabric and making the same. F. B. Voegeli. 2,177,586; Oct. 24.
Fabric and making the same. A. Zenorini. 2,155,212; Apr. 18.
Fabric and making the same, Dull finish coated. F. G. Uhler. 2,169,200; Aug. 8.
Fabric and making the same, Felted. H. Boeddinghaus. 2,181,043; Nov. 21.
Fabric and making the same, Knitted. J. L. Getaz and W. H. Gossage. 2,175,958; Oct. 10.
Fabric and making the same, Knitted. M. Weber. 2,151,879; Mar. 28.
Fabric and making the same, Wire. O. C. Scherfel. 2,147,328; Feb. 14.
Fabric and manufacturing the same, Sponge rubber coated. J. Pennel and J. Flipo. 2,163,289; June 20.
Fabric and method, Knitted. R. H. Lawson and W. Armitage. 2,181,515; Nov. 28.
Fabric and producing the same, Patterned. G. and G. Heberlein. 2,172,443; Sept. 12.
Fabric and the fabric, Producing. E. R. Borho. 2,145,858; Feb. 7.
Fabric article, Adjustable. C. Kaplan. 2,158,456; May 16.
Fabric article and fastener means therefor. A. L. Ellis, Jr. 2,148,401; Feb. 21.
Fabric body such as channel runway, finishing welt, and the like, Composite. R. C. Schemmel. 2,153,484; Apr. 4.
Fabric bolt rack. T. W. Eyres. 2,148,402; Feb. 21.
Fabric cleaning apparatus. R. A. Hetzer. 2,166,294; July 18.
Fabric construction and method of making. B. H. Foster. 2,150,652; Mar. 14.
Fabric containing organic derivatives of cellulose, Crepe. C. Dreyfus, W. Whitehead, and H. Platt. 2,144,676; Jan. 24.
Fabric filtration, Countercurrent. F. W. Manning. 2,152,900; Apr. 4.
Fabric finishing and like machines. A. H. Gentle. 2,170,968; Aug. 29.
Fabric for airplane wings, Stiffened. W. M. Billing. 2,167,414; July 25.
Fabric for masks and protective clothing. H. Gibello. 2,173,781; Sept. 19.
Fabric for shoes. E. F. Roberts. 2,144,689; Jan. 24.
Fabric for wire glass, Wire mesh. R. J. A. Ingouf. 2,170,719; Aug. 22.
Fabric holding equipment for embroidery machines. J. C. Gilardone. 2,148,614; Feb. 28.
Fabric in open state into a treating liquid, Apparatus for continuously feeding a web of. O. Gretler. 2,161,812; June 13.
Fabric making. J. F. X. Harold. 2,184,041; Dec. 19.
Fabric, Making. J. B. Miles, Jr. 2,157,119; May 9.
Fabric, Making a composite. H. Platt and A. B. Snowdon. 2,165,506; July 11.
Fabric, Making a pile. W. D. Kellogg and H. C. Eigabroadt. 2,160,154; May 30.
Fabric, Making a stiffened. B. Andersen. 2,173,821; Sept. 26.
Fabric, Making elastic. T. G. Hawley. 2,162,551; June 13.
Fabric, Making filter. F. W. Manning. 2,152,901; Apr. 4.
Fabric making machine, Wire. I. C. Gellman. Re. 21,130; June 27.
Fabric, Making plaster-ground. A. Martin. 2,174,091; Sept. 26.
Fabric, Manufacture of elastic. L. S. M. Lejeune. 2,153,964; Apr. 11.
Fabric measuring machine. W. E. Aeschbach. 2,152,833; Apr. 4.
Fabric, Method and apparatus for making wire. J. K. Watkins. 2,164,481; July 4.
Fabric, method, and machine, Knitted. R. H. Lawson and W. Armitage. 2,158,189; May 16.
Fabric or article and the production thereof, Knitted. R. K. Mills. 2,144,415; Jan. 17.
Fabric, Producing knitted. W. Reynolds and F. Bonser. 2,146,852; Feb. 14.
Fabric, Sizing textile. W. M. Billing. 2,176,053; Oct. 17.
Fabric splitting machine, Undulating cut-pile. J. W. Spicks. 2,182,883; Dec. 12.
Fabric spreading means. W. H. Hall, Jr. 2,164,241; June 27.
Fabric strip and making, Reinforced. C. M. Albion. 2,152,012; Mar. 28.
Fabric structures, Apparatus for forming. A. Martin. 2,174,092; Sept. 26.
Fabric structures, Method of and apparatus for forming. A. Martin. 2,162,818; June 20.
Fabric take-up mechanism. R. H. Lawson and A. N. Cloutier. 2,174,271; Sept. 26.
Fabric testing apparatus. R. W. Allen and T. A. Te Grothenhuis. 2,157,092; May 9.
Fabric with elastic inlay and embroidery pattern, Knitting. J. L. Getaz. 2,171,445; Aug. 29.
Fabrics and agents therefor, Rubberizing of. J. I. Taylor. 2,181,538; Nov. 28.

Fabrics and like materials to produce effects therein and products therefrom, Treating. G. Heberlein and E. Weiss. 2,171,513; Aug. 29.
Fabrics and making articles therefrom, Reducing the area of. L. H. L'Hollier and F. Wray. 2,155,597; Apr. 25.
Fabrics and other artificial materials, Treatment of artificial. R. W. Moncreiff and F. B. Hill. 2,144,633; Jan. 24.
Fabrics and product thereof, Treatment of. C. Dreyfus. 2,167,234; July 25.
Fabrics and the like, Apparatus for cleaning. A. Traube. 2,164,965; July 4.
Fabrics and the product thereof, Treatment of textile. C. Dreyfus. 2,145,297; Jan. 31.
Fabrics and the product thereof, Treatment of textile. C. Dreyfuss and H. Platt. 2,158,110; May 16.
Fabrics and yarns, Device for and method of treating. A. Schrey. 2,174,013; Sept. 26.
Fabrics and yarns, Treating woven and the like. J. H. Wrigley and A. Melville. 2,146,694; Feb. 7.
Fabrics, Apparatus for and method of treating wire. B. C. Riley. 2,175,066; Oct. 3.
Fabrics consisting wholly or partly of rubber elastic threads, Manufacture of. T. L. Shepherd. 2,182,996; Dec. 12.
Fabrics, Decantizing. P. Rose. 2,174,215; Sept. 26.
Fabrics, Decorating narrow. A. Milhomme. 2,180,745; Nov. 21.
Fabrics, Finishing lightweight. F. M. Ford. 2,157,600; May 9.
Fabrics for garments, Producing waterproof air transmissive. E. Knup and F. Naef. 2,184,600; Dec. 26.
Fabrics in formed printed patterns, Production of textile. C. Bener. 2,161,223; June 6.
Fabrics, Making multi-ply woven. T. L. Shepherd. 2,182,882; Dec. 12.
Fabrics, Manufacture of elastic. F. F. Schwartz. 2,184,153; Dec. 19.
Fabrics, Manufacture of pile. R. W. Kent. 2,162,778; June 20.
Fabrics, Means and method for the manufacture of decorative needled. T. C. Arthur. 2,158,533; May 16.
Fabrics, Method and apparatus for coloring. A. S. Jones. 2,174,227; Sept. 26.
Fabrics, Method and apparatus for jig-dyeing. F. C. Wedler. 2,151,363; Mar. 21.
Fabrics, Method and apparatus for shrinking woven or knitted textile. A. Heinen. 2,144,151; Jan. 17.
Fabrics, Method of and apparatus for making knitted. G. L. Logan. 2,176,533; Oct. 17.
Fabrics on circular knitting machines which are adapted to produce interlock fabrics, Manufacture of patterned. F. J. Jarvis. 2,169,801; Aug. 15.
Fabrics permeable to the air, Production of waterproof. F. F. Schwartz. 2,149,750; Mar. 7.
Fabrics, Plural-ply woven. H. Pferdmenges. 2,180,770; Fabrics, Producing moire effects on. G. Berger. 2,145,681; Jan. 31.
Fabrics, Producing ringless knitted. C. D. Gallagher. 2,179,785; Nov. 14.
Fabrics, Producing textile. H. Platt. 2,158,147; May 16.
Fabrics, Production of effect. G. Rivat. 2,182,321; Dec. 5.
Fabrics, Production of laminated. L. G. Lawrie, R. J. W. Reynolds, and E. E. Walker. 2,164,248; June 27.
Fabrics, Production of stiffened. D. Finlayson and H. Crawshaw. 2,158,112; May 16.
Fabrics resistant to shrinkage, Producing wash-fast sized. K. Zwicky and F. Brunner. 2,159,875; May 23.
Fabrics, Sewing of. M. Fellegi. 2,165,469; July 11.
Fabrics to prevent rotting, Treatment of. R. A. Baker 2,157,727; May 9.
Fabrics, Treating. M. G. Hinnekens. 2,156,090; Apr. 25.
Fabrics, Treatment of coated. C. A. Alt. 2,145,385; Jan. 31.
Fabrics, Treatment of pile. A. H. Gentle. 2,163,674; June 27.
Fabricated structure. K. V. Hart. 2,183,563; Dec. 19.
Face lifting device. S. MacDonald. 2,184,099; Dec. 19.
Face-milling, Method of and apparatus for. C. E. Kraus. 2,178,589; Nov. 7.
Face protector. R. Malcom. 2,167,580; July 25.
Facer board structure for Venetian blinds and the like. W. E. Shehan. 2,155,152; Apr. 18.
Facing and securing the same to a support. K. E. Crooks and I. F. Dittmar. 2,173,622; Sept. 19.
Facing, Friction clutch. A. Whitelaw. 2,146,518; Feb. 7.
Facing machine. J. M. Kirchberg. 2,169,803; Aug. 15.
Facing unit. D. Filangeri. 2,183,450; Dec. 12.
Facing unit, Structural. A. B. Dow. 2,181,451; Nov. 28.
Facings, Forming friction. A. C. Teetsel. 2,144,234; Jan. 17.
Facsimile printing system, Multiplex. C. W. Hansell. 2,143,875; Jan. 17.
Facsimile printing telegraph system and apparatus. E. E. and E. F. Kleinschmidt. 2,154,512; Apr. 18.
Facsimile receiving system and apparatus therefor. M. Artzt. 2,145,285; Jan. 31.
Facsimile recording. J. V. L. Hogan and H. G. Miller. 2,173,113; Sept. 19.
Facsimile recording system. W. Kimmich. 2,172,539; Sept. 12.
Facsimile reproducing device. R. E. Mathes. 2,167,460; July 25.
Facsimile system. R. W. Carlisle. 2,180,397; Nov. 21.
Facsimile system. J. V. L. Hogan and H. G. Miller. 2,149,292; Mar. 7.
Facsimile system. H. G. Miller. 2,143,081; Jan. 10.
Facsimile system. H. G. Miller. 2,172,398; Sept. 12.
Facsimile transmission and reproduction. M. D. McFarlane and E. H. Hansen. 2,164,038; June 27.
Facsimile transmission apparatus. H. Carlson. 2,182,115; Dec. 5.
Fairing holder. C. Hollerith. 2,148,160; Feb. 21.
Fan. A. Asplund. 2,142,080; Jan. 3.
Fan. C. H. Bouvy and C. F. Arnold. 2,149,267; Mar. 7.
Fan. E. W. Denman. 2,144,483; Jan. 17.
Fan. L. L. Dollinger. 2,161,027; June 6.
Fan. M. E. Hanson. 2,142,842; Jan. 3.
Fan. H. L. Latz. 2,145,694; Jan. 31.
Fan. K. D. McMahan. 2,160,666–7; May 30.
Fan. C. E. Meyerhoefer. 2,155,611; Apr. 25.
Fan. H. T. Reynolds. 2,165,069; July 4.
Fan. Y. Shu. 2,151,643; Mar. 21.
Fan. J. R. Thorp. 2,144,860; Jan. 24.
Fan and making same. A. B. Hubbard and M. Stanton. 2,155,231; Apr. 18.
Fan apparatus. S. F. Shawhan. 2,181,628; Nov. 28.
Fan attachment for machines. J. W. Callaghan. 2,144,326; Jan. 17.
Fan attachment for sewing machines, Automatic. P. Parkoff. 2,142,370; Jan. 3.
Fan bearing. W. Earl. 2,184,213; Dec. 19.
Fan blade welding apparatus. K. A. Meyer. 2,174,801; Oct. 3.
Fan cabinet, Electric. W. A. Jackson. 2,146,339; Feb. 7.
Fan, Centrifugal. C. O. Bergstrom. 2,142,834; Jan. 3.
Fan, Centrifugal. C. O. Bergstrom. 2,148,254; Feb. 21.
Fan construction. E. Newnham. 2,154,767; Apr. 18.
Fan economizer. W. Carpender. Re. 21,243; Oct. 24.
Fan, Electric. P. J. Fitzgerald. 2,166,987; July 25.
Fan, Flexible. P. Nielsen. 2,182,161; Dec. 5.
Fan for separators. L. E. and R. I. Wright. 2,157,469; May 9.
Fan, High temperature. F. C. Williams. 2,147,005; Feb. 14.
Fan, Oscillating. G. H. Koch. 2,151,326; Mar. 21.
Fan, Oscillating. T. H. Tornberg. 2,152,112; Mar. 28.
Fan, Oscillating. T. H. Tornberg. 2,183,979; Dec. 19.
Fan, Portable cooling. R. V. Pfautsch. 2,165,650; July 11.
Fan, Power operated. B. F. Hobson. 2,143,070; Jan. 10.
Fan, Segregated pressure. W. H. Bretzlaff and C. P. Grimes. 2,176,324; Oct. 17.
Fan stop. A. A. Frink. 2,143,372; Jan. 10.
Fan system. A. C. Bartlett. 2,152,172; Mar. 28.
Fan system. H. F. Hagen. 2,160,968; June 6.
Fan traveler. J. H. Purser and E. H. Woolard. 2,146,849; Feb. 14.
Fan, Tunnel. E. L. Anderson. 2,166,276; July 18.
Fan, Ventilating. F. Charavay. 2,157,999; May 9.
Fan, Ventilating. H. Kropp. 2,183,079; Dec. 12.
Fans and the like, Mounting of axial flow. R. De Mey and P. Havard. 2,142,307; Jan. 3.
Fare box. A. T. Mitford and F. O. Brickman. 2,146,974; Feb. 14.
Farm gate. L. Beard. 2,167,825; Aug. 1.
Farm machine, Combination. M. Campbell. 2,156,581; May 2.

Fastener: *See*—

Basket cover fastener.
Belt fastener.
Blanket fastener.
Brush fastener.
Button fastener.
Casement window fastener.
Chain fastener.
Closure fastener.
Clothesline fastener.
Collar fastener.
Cover and screen fastener.
Door fastener.
Extensible fastener.
Fitting fastener.
Hair fastener.
Garter fastener.
Hat fastener.
Hatch cover fastener.
Lapel fastener.
Lath fastener.
License plate fastener.
Metal fastener.
Pane fastener.
Panel fastener.
Paper fastener.
Rail fastener.
Rope fastener.
Sash cord fastener.
Sash fastener.
Separable fastener.
Slidable fastener.
Slide fastener.
Sliding clasp fastener.
Sliding fastener.
Slip-cover fastener.
Snap fastener.
Stain carpet fastener.
Storm sash fastener.
Strip fastener.
Suspender loop fastener.
Tag fastener.
Wallboard fastener.
Wheel guard fastener.
Wood joint fastener.
Zipper fastener.

Fastener. E. R. Boals. 2,146,789; Feb. 14.
Fastener. H. Box. 2,149,665; Mar. 7.
Fastener. D. A. Brennan. 2,148,255; Feb. 21.
Fastener. D. A. Brennan. 2,184,276; Dec. 26.
Fastener. E. B. Fernberg. 2,150,497; Mar. 14.
Fastener. F. Menderman. 2,151,609; Mar. 21.
Fastener. C. G. Olson. 2,156,350; May 2.
Fastener. J. M. Gwinn, Jr. and D. J. Fabricy, Jr. 2,172,924; Sept. 12.
Fastener. H. W. Kost. 2,169,182; Aug. 8.
Fastener. I. Nagamatsu. 2,173,310; Sept. 19.
Fastener. C. Pierce. 2,146,649; Feb. 7.
Fastener. B. C. Place. 2,154,993; Apr. 18.

Fastener. B. C. Place. 2,165,412; July 11.
Fastener. B. C. Place. 2,170,483; Aug. 22.
Fastener. C. Rainess. 2,142,287; Jan. 3.
Fastener. A. V. Boggild. 2,161,611; June 6.
Fastener. G. A. Tinnerman. 2,162,652; June 13.
Fastener. G. A. Tinnerman. 2,173,544; Sept. 19.
Fastener and installation, Molding. W. H. Churchill. 2,147,943; Feb. 21.
Fastener and installation, Nut. H. J. Murphy. 2,147,950; Feb. 21.
Fastener and installation thereof, Double snap. L. G. Pender. 2,175,814; Oct. 10.
Fastener and making it, Slide. T. G. Miller. 2,158,079; May 16.
Fastener-applying device. A. H. Maynard and J. M. Gambao. 2,181,904; Dec. 5.
Fastener applying implement. L. G. Blumenbaum. 2,161,449; June 6.
Fastener applying implement. J. F. Cavanagh. 2,149,839; Mar. 7.
Fastener-applying implement. J. F. Cavanagh. 2,176,581; Oct. 17.
Fastener applying implement. A. H. Maynard. 2,150,332; Mar. 14.
Fastener-applying implements, Method and means for adjusting the parts of. J. F. Cavanagh. 2,167,331; July 25.
Fastener assembly for garments, Invisible slide. C. Koch. 2,148,269; Feb. 21.
Fastener attaching apparatus. W. Faas. 2,155,085; Apr. 18.
Fastener-attaching machine. H. Levine. 2,168,416; Aug. 8.
Fastener attaching machine, Duplex snap. O. J. Huelster and J. G. Wolff. 2,160,146; May 30.
Fastener attaching plate for upholstery installations. C. L. Hall. 2,166,052; July 11.
Fastener detent, Slide. D. I. Reiter. 2,177,119; Oct. 24.
Fastener element and producing it. T. G. Miller. 2,158,078; May 16.
Fastener elements, Apparatus for shaping. E. J. Tuttle. 2,183,373; Dec. 12.
Fastener elements, Making. E. M. Arentzen. 2,148,672; Feb. 28.
Fastener for garments and the like, Detachable. M. G. Cook. 2,160,492; May 30.
Fastener for ground work. W. S. Thompson. 2,153,947; Apr. 11.
Fastener for shoelaces. C. Rio. 2,164,123; June 27.
Fastener inserting machine. S. L. Gookin. 2,182,021; Dec. 5.
Fastener member. D. Dryesen. 2,180,925; Nov. 21.
Fastener member and fastener installation. W. H. Churchill. 2,184,249; Dec. 19.
Fastener member, Self-piercing. W. H. Churchill 2,173,198; Sept. 19.
Fastener member, Snap. L. G. Pender. 2,152,603; Mar. 28.
Fastener, Separable. D. Marinsky. 2,172,215; Sept. 5.
Fastener slide. F. A. L'Amie. 2,176,445; Oct. 17.
Fastener stud, Snap. R. O. Chaffee. 2,159,363; May 23
Fastener unit. C. G. Olson. 2,150,126; Mar. 7.
Fasteners, Apparatus for attaching paper. E. F. Buenger and E. W. Bacon. 2,166,983; July 25.
Fasteners, Apparats for attaching paper. E. V. Burns and E. W. Bacon. 2,173,390; Sept. 19.
Fasteners, Apparatus for the manufacture of sliding clasp. M. Winterhalter. 2,184,265; Dec. 19.
Fasteners, Finger piece for the sliders of separable. D. Marinsky. 2,162,266; June 13.
Fasteners, Forming ribbed. H. Rosenberg. 2,165,007; July 4.
Fasteners, Making. G. E. Prentice. 2,183,169; Dec. 12.
Fasteners, Making. H. Weber. 2,160,298; May 30.
Fasteners, Making separable. N. J. Poux. 2,169,176; Aug. 8.
Fasteners, Making sliding. B. Reiter. 2,144,638; Jan. 24.
Fasteners, Manufacturing separable. G. Sundback. 2,169,177; Aug. 8.
Fasteners, Varnishing sliding clasp. C. Mäueler. 2,151,558; Mar. 21.
Fastening device. M. Baillod. 2,174,373; Sept. 26.
Fastening device. P. F. Berry. 2,178,160; Oct. 31.
Fastening device. O. M. Case. 2,168,324; Aug. 8.
Fastening device. B. Cotter. 2,178,719; Nov. 7.
Fastening device. R. H. Dean. 2,181,966; Dec. 5.
Fastening device. D. M. Dunwoodie, Sr. 2,156,683; May 2.
Fastening device. G. M. Fitts. 2,171,925; Sept. 5.
Fastening device. A. Fridolph. 2,176,960; Oct. 24.
Fastening device. F. Haase. 2,178,302; Oct. 31.
Fastening. H. W. Harman. 2,142,896; Jan. 3.
Fastening device. K. J. Kortvelesy. 2,177,726; Oct. 31.
Fastening device. H. W. Kost. 2,169,181; Aug. 8.
Fastening device. H. W. Kost. 2,172,247; Sept. 5.
Fastening device. G. L. Moore and J. R. Steele. 2,171,163; Aug. 29.
Fastening device. M. L. Nattenheimer. 2,161,632; June 6.
Fastening device. C. G. Olson. 2,147,209; Feb. 14.
Fastening device. C. G. Olson. 2,147,211; Feb. 14.
Fastening device. A. Salinger. 2,144,897; Jan. 24.
Fastening device. W. A. Semion. 2,163,134; June 20.
Fastening device. L. M. Spear. 2,177,585; Oct. 24.
Fastening device. A. N. Tamalunas. 2,176,156; Oct. 17.
Fastening device. G. C. Tighe. 2,153,702; Apr. 11.
Fastening device. G. A. Tinnerman. 2,156,002–3; Apr. 25.
Fastening device. G. A. Tinnerman. 2,159,573; May 23.
Fastening device. G. A. Tinnerman. 2,172,302; Sept. 5.
Fastening device. G. A. Tinnerman. 2,180,266; Nov. 14.
Fastening device. G. A. Tinnerman. 2,181,631; Nov. 28.
Fastening device. G. A. Tinnerman. 2,184,783; Dec. 26.
Fastening device. E. J. Tripp. 2,142,925; Jan. 3.
Fastening device. I. W. Tucker. 2,157,837; May 9.
Fastening device. E. K. von Mertens. 2,171,773; Sept. 5.
Fastening device. A. Wahl. 2,181,498; Nov. 28.
Fastening device. F. W. Williams. 2,180,651; Nov. 21.
Fastening device and article to be fastened. A. Lawton. 2,144,926; Jan. 24.
Fastening device for airplane cowls and the like. W. T. Boyer. 2,174,030; Sept. 26.
Fastening device for beehives. B. L. Flanagan. 2,158,067; May 16.
Fastening device for covers and the like. H. R. Barnicoat. 2,183,440; Dec. 12.
Fastening device for window and picture frames. E. S. Copeland. 2,173,753; Sept. 19.
Fastening device incorporating a nut. O. E. Simmonds. 2,144,553; Jan. 17.
Fastening-distributing mechanism. J. F. Standish and L. S. Macdonald. 2,155,568; Apr. 25.
Fastening for attaché and suit cases and the like. C. W. Cheney. 2,163,774; June 27.
Fastening for corsets and the like, Lace. I. R. Versoy. 2,166,227; July 18.
Fastening for skis, Safety. C. Kiener. 2,144,021; Jan. 17.
Fastening for wire rope, End. J. J. Burke. 2,151,837; Mar. 28.
Fastening, Hook and eye. R. W. Hempel. 2,145,444; Jan. 31.
Fastening-inserting machine. F. N. La Chapelle and J. W. Ashley. 2,161,827; June 13.
Fastening-inserting machine. H. Lane and W. N. Bray. 2,160,877; June 6.
Fastening-inserting machine. A. Neumann. 2,164,468; July 4.
Fastening-inserting machine. T. H. Seely. 2,155,566; Apr. 25.
Fastening-inserting machine. T. H. Seely. 2,174,601; Oct. 3.
Fastening-inserting machine. J. F. Standish and L. S. Macdonald. 2,178,615; Nov. 7.
Fastening installation. C. Towner. 2,169,968; Aug. 15.
Fastening means. F. L. Davis. 2,181,103; Nov. 21.
Fastening means. H. G. Lombard. 2,143,603; Jan. 10.
Fastening means. H. G. Lombard. 2,143,605; Jan. 10.
Fastening means. F. Lux. 2,153,148; Apr. 4.
Fastening means. A. E. McNabb. 2,164,464; July 4.
Fastening means. C. A. Swanstrom. 2,144,350; Jan. 17.
Fastening means and method of manufacture thereof. C. A. Swanstrom. 2,153,681; Apr. 11.
Fastening means, Double-ended. H. G. Lombard. 2,143,604; Jan. 10.
Fastening means for cables or the like. H. G. Lombard. 2,176,405; Oct. 17.
Fastening means for closures of automobiles, airplanes, or the like. E. P. Sonnhalter. 2,145,998; Feb. 7.
Fastening means, Making. G. A. Tinnerman. 2,150,852; Mar. 14.
Fastening members for sliding-clasp fasteners, Manufacturing. B. Reiter. 2,148,581; Feb. 28.
Fastening pieces to metallic cables, Fixing. G. Imbault. 2,177,567; Oct. 24.
Fastening pulling machine. C. A. Robinson. 2,183,695; Dec. 19.
Fastening-supplying apparatus. J. T. Lancaster. 2,181,139; Nov. 28.
Fastening-supplying mechanism. W. A. Barton. 2,161,845; June 13.
Fastening, Tool handle. O. Schmidt. 2,166,024; July 11.
Fastenings, Inserting. N. C. Pollard. 2,157,216; May 9.
Fat, Continuous countercurrent hydrolysis of. V. Mills. 2,156,863; May 2.
Fat from animal casings, Apparatus for removing. L. M. Tolman and L. E. Dimond. 2,171,612; Sept. 5.
Fat from animal casings, Removing. L. M. Tolman and L. E. Dimond. 2,171,611; Sept. 5.
Fat-hardening process. S. H. Bertram. 2,165,530; July 11.
Fat substitute and method of making. H. C. Eckrich and H. J. Eckrich, Sr. 2,161,029; June 6.
Fats, Blending edible. A. Gudheim. 2,174,365; Sept. 26.
Fats into soap and glycerin, Continuous process for converting saponifiable. V. Mills. 2,159,397; May 23.
Fats, oils, and proteins from animal and vegetable starting materials, and more particularly from waste products, Recovering. H. Haneschka. 2,167,043; July 25.
Fatigue tester, Resonant vibration. A. V. de Forest. 2,171,303; Aug. 29.
Fatigue testing machine. J. N. Kenyon. 2,170,640; Aug. 22.
Fatty matter raffinates, Treatment of nonmineral. W. J. Hund and L. Rosenstein. 2,164,012; June 27.
Fatty matter refining process. W. J. Hund and D. H. Rowe. 2,164,189; June 27.

Faucet. F. C. Picut. 2,146,225; Feb. 7.
Faucet. F. C. Picut. 2,149,928; Mar. 7.
Faucet. S. Samaras. 2,159,452; May 23.
Faucet. L. Taddeo. 2,181,630; Nov. 28.
Faucet. P. Wagner. 2,163,925; June 27.
Faucet attachment. P. A. Greene. 2,165,926; July 11.
Faucet, Beer. K. Heller. 2,143,655; Jan. 10.
Faucet, Beer-dispensing. H. H. Harr. 2,170,922; Aug. 29.
Faucet connection. S. L. Weiss. 2,179,654; Nov. 14.
Faucet extension, Rubber. J. Buxton. 2,171,023; Aug. 29.
Faucet handle, Plastic. A. H. Koza. 2,142,791; Jan. 3.
Faucet or like valve, Selective multiple. A. W. Wheaton. 2,142,543; Jan. 3.
Faucet protector, Sanitary automatic. C. M. Simmons. 2,164,666; July 4.
Faucet structure, Direct tapping. F. E. Rice. 2,169,393; Aug. 15.
Faucet, Water. A. Bamberger. 2,158,566; May 16.
Feathering device for boat oars. F. Wagele. 2,154,018; Apr. 11.
Feathers and similar stuffing material in pillows, cushions, and the like, Treatment of. T. Würinger. 2,156,890; May 2.
Feed and preparing same. C. G. Harrel and A. W. Lindert. 2,157,755; May 9.
Feed, Animal. C. C. Dawe. 2,162,609; June 13.
Feed control. E. S. Mason. 2,183,026; Dec. 12.
Feed control valve, Automatic. T. L. Farnham. 2,146,537; Feb. 7.
Feed control for welding rods. R. G. LeTourneau, R. Peterson, and E. E. Isgren. 2,160,480; May 30.
Feed control method and system for mills. P. S. Dickey. 2,172,317; Sept. 5.
Feed device, Intermittent. A. S. Howell. 2,168,771; Aug. 8.
Feed dispensing device, Poultry. J. F. Trapani. 2,171,998; Sept. 5.
Feed drum for snap fastener setters. J. Gualtiere. 2,154,899; Apr. 18.
Feed finger for screw machines. O. Klute. 2,159,388; May 23.
Feed forming machine. C. C. Hall. 2,144,054; Jan. 17.
Feed machine, Compressed. J. W. Billows. 2,160,302; May 30.
Feed material, Preparing. A. A. Levinson and J. L. Dickinson. 2,162,729; June 20.
Feed mechanism. A. T. Cassiere. 2,152,632; Apr. 4.
Feed mechanism. D. Gurney and C. L. Ott. 2,142,506; Jan. 3.
Feed mechanism. R. E. Price, H. E. Balsiger, and C. L. Ott. 2,150,749; Mar. 14.
Feed mechanism and the like, Intermittent strip. B. Stechbert and G. A. Brueske. 2,168,054; Aug. 1.
Feed mechanism, Automatic machine. D. L. Dean. 2,147,885; Feb. 21.
Feed mechanism for a machine tool. E. R. Smith. 2,168,632; Aug. 8.
Feed mechanism for duplicating machines. J. E. Schaefer. 2,168,364; Aug. 8.
Feed mechanism for firearms, Cartridge. F. Gebauer. 2,168,199; Aug. 1.
Feed mechanism for planters. O. J. Parks and M. Ronning. 2,155,735; Apr. 25.
Feed mechanism. Intermittent. A. G. Hillman. 2,179,630; Nov. 14.
Feed mechanism, Tracer controlled. C. K. Salisbury. 2,146,157; Feb. 7.
Feed mill, Dual purpose. C. E. Everett. 2,181,397; Nov. 28.
Feed mixer. E. Strominger. 2,146,776; Feb. 14.
Feed, Poultry. B. Jurale. 2,170,562; Aug. 22.
Feed roll for sheet material. W. E. Burns. 2,181,314; Nov. 28.
Feed roll mechanism. A. F. Fischer. 2,150,824; Mar. 14.
Feed supply or drafting frames. N. A. Batchelder. 2,161,664; June 6.
Feed table. G. Spiess. 2,165,161; July 4.

Feeder: *See*—
Air actuated acid feeder.
Boiler feeder.
Butter feeder.
Constant-capacity feeder.
Glass batch feeder.
Glass feeder.
Hog feeder.
Lehr feeder.
Molasses stock feeder.
Multiple outlet feeder.
Poultry feeder.
Rabbit feeder.
Reversible single-line feeder.
Sheet feeder.
Sight feeder.
Single-line feeder.
Soap feeder.
Stock feeder.
Vibratory feeder.
Water feeder.

Feeder. A. Amstutz. 2,165,121; July 4.
Feeder. W. M. Fulton. 2,173,414; Sept. 19.
Feeder, Displacement glass. P. Kucera. Re. 21,037; Mar. 28.
Feeder, Divisional. D. R. Hillis. Re. 21,236; Oct. 17.
Feeder for cigarette making machines. C. W. Gooch, Jr. 2,181,229; Nov. 28.
Feeder for pulverized materials. A. G. Carlson. 2,167,416; July 25.
Feeder for pulverulent materials. M. Vogel-Jorgensen. 2,159,239; May 23.
Feeder for shaped knitted articles, Automatic variable output. G. Lebocey. 2,182,295; Dec. 5.
Feeder for threshers. A. W. Wessman. 2,143,749; Jan. 10.
Feeding and aligning mechanism for a cutting device. L. Jensen. 2,180,903; Nov. 21.
Feeding and arc striking mechanism for searchlights. H. Walter. 2,150,014; Mar. 7.
Feeding apparatus and automatic control therefor, Chemical. G. Raymond. 2,163,436; June 20.
Feeding box. M. A. Wallace. 2,169,350; Aug. 15.
Feeding device. J. R. Elsey. 2,158,226; May 16.
Feeding device, Automatic. G. A. Gibson, Jr. 2,155,895; Apr. 25.
Feeding device, Automatic. G. Spiess. 2,165,160; July 4.
Feeding device for domestic pets, Time controlled. R. V. Sweeny. 2,157,682; May 9.
Feeding device for liquid fuel and the like, Automatic. T. F. Spackman. 2,165,585; July 11.
Feeding device for lubricant or the like. C. E. Dirkes. 2,146,424; Feb. 7.
Feeding device for textile machines. A. L. Lewis and N. F. Fretter. 2,150,882; Mar. 14.
Feeding finger. J. V. Anslinger. 2,181,358; Nov. 28.
Feeding finger. J. Evasic. 2,170,942; Aug. 29.
Feeding head for reciprocating or shaker conveyers. E. R. Bergmann. Re. 21,027; Mar. 14.
Feeding head for reciprocating or shaker conveyers. E. R. Bergmann. 2,161,002; June 6.
Feeding means for washing machines. E. C. Chandler. 2,177,243; Oct. 24.
Feeding mechanism. M. G. Benjamin. 2,161,892; June 13.
Feeding mechanism. M. J. Milmoe. 2,158,335; May 16.
Feeding mechanism. J. S. Richardson. 2,169,394; Aug. 15.
Feeding mechanism. E. C. Sauerman. 2,142,213; Jan. 3.
Feeding mechanism, Continuous. J. E. Hicks. 2,159,851; May 23.
Feeding mechanism, Electrically controlled hydraulic wheel. B. H. Goehring. 2,151,660; Mar. 21.
Feeding mechanism, Film. R. S. Hopkins and E. O. Wangerin. 2,168,987; Aug. 8.
Feeding mechanism for box blank machines. K. Sieg. 2,181,211; Nov. 28.
Feeding mechanism for paper feeding machines, Bank. H. Hallstream. 2,144,058; Jan. 17.
Feeding mechanism for plastic extrusion molding machines. I. B. Lawyer. 2,159,559; May 23.
Feeding mechanism for rock drills. J. C. Curtis. 2,143,105; Jan. 10.
Feeding mechanism for rock drills. A. Feucht. 2,149,592; Mar. 7.
Feeding mechanism for sewing machines. S. Pyluck. 2,145,554; Jan. 31.
Feeding mechanism for shaker or jigging conveyers. E. R. Bergmann. 2,154,060; Apr. 11.
Feeding mechanism for shaker or jigging conveyers. W. W. Sloane. 2,165,583; July 11.
Feeding mechanism for tape applying machines. R. A. Hartt. 2,168,159; Aug. 1.
Feeding mechanism for threshers. C. H. Turner. 2,152,393; Mar. 28.
Feeding, printing, and cutting machine. J. Rudie. 2,176,690; Oct. 17.
Feeding system for airplanes and the like, Liquid. W. R. Kuzelka. 2,149,298; Mar. 7.
Feeds and the composition of the same, Manufacturing chicken. H. Sakurai. 2,168,138; Aug. 1.
Feedover device. L. W. Blau, W. D. Mounce, and W. M. Rust, Jr. 2,180,949; Nov. 21.
Feeler and protector mechanism for single pick automatic looms. J. J. McCann and J. Stuer. 2,166,071; July 11.
Feet to cast iron frames, Attachment of steel. J. L. Brown. 2,165,032; July 4.
Felt. T. Milnes. 2,157,082; May 2.
Felt conditioner for paper-making machines. F. W. Vickery. 2,173,317; Sept. 19.
Felt, Fiberized mineral. B. C. McClure. 2,143,022; Jan. 10.
Felt making process. P. Drewsen. 2,162,943; June 20.
Felt manufacture. J. Kleine and W. Brennecke. 2,156,455; May 2.
Felt needling machine. H. C. Specht and P. H. Walsh. 2,148,511; Feb. 28.
Felt, Paper maker's drier. T. Hindle and S. Lord. 2,180,054; Nov. 14.
Felt, Single ply asbestos faced drier. W. A. Barrell. 2,168,928; Aug. 8.
Felt treating machine. J. S. Pecker. 2,169,372; Aug. 15.
Felt with asbestos facing, Single ply drier. W. A. Barrell. 2,172,439; Sept. 12.
Felts and the like, Process and apparatus for treating. S. Klein. 2,148,697; Feb. 28.
Felts, Industrial and paper-makers'. P. H. Walsh and P. T. Gates. 2,165,772; July 11.
Fence, Adjustable grade iron. G. A. Gustafson. 2,145,172; Jan. 24.
Fence and the like, Jointer. A. Haas. 2,183,190; Dec. 12.
Fence controller, Electric. F. Buck. 2,157,160; May 9.
Fence, Electric. J. A. Lucas. 2,163,954; June 27.
Fence for highways, Safety. S. A. Rasmussen. 2,149,548; Mar. 7.
Fence gate. C. M. Elson. 2,172,868; Sept. 12.

Fence post. E. J. Paque. 2,150,291; Mar. 14.
Fence, Road guard. R. R. Robertson. 2,160,519–20; May 30.
Fence, Road guard. H. Robertson. 2,164,084; June 27.
Fence, Snow. C. P. Bohland. 2,161,450; June 6.
Fence structure. C. Bauer. 2,161,944; June 13.
Fence tool. W. H. Koch. 2,158,128; May 16.
Fence, Wire. A. Olson. 2,152,816; Apr. 4.
Fence, Wire. W. H. Sommer. 2,172,112; Sept. 5.
Fencing, Woven wire. J. L. Schueler. 2,148,380; Feb. 21.
Fender. I. M. Kirlin. 2,179,125; Nov. 7.
Fender, Automobile. H. W. Lang. 2,157,793; May 9.
Fender lamp. G. F. Bahr. 2,174,067; Sept. 26.
Fender lamp. H. C. Mead and R. D. Winkelmeyer. 2,148,870; Feb. 28.
Fender, Motor vehicle. A. A. Roth. 2,157,147; May 9.
Fender, Pickup. A. A. Roth. 2,179,163; Nov. 7.
Fender protector. A. Gross. 2,143,939; Jan. 17.
Fender sight. L. Eisenman. 2,158,005; May 9.
Fender skirt locking mechanism. A. P. Fergueson. 2,181,367; Nov. 28.
Fender skirt mounting. G. W. Schatzman. 2,157,921; May 9.
Fender skirt, Ornamental. G. A. Lyon. Re. 21,083; May 16.
Fender, Tractor. N. E. Erickson. 2,155,702; Apr. 25.
Fermentation process. F. M. Hildebrandt and N. M. Erb. 2,169,244; Aug. 15.
Fermentation process. W. Karsch. 2,155,134; Apr. 18.
Fermentation process for improving vegetable and animal oils and fats as well as other glycerides of the fatty acids. W. Ekhard. 2,172,531; Sept. 12.
Fermentation process for producing butyric acid. R. Arroyo. 2,181,310; Nov. 28.
Fermentation process for producing lactic acid and lactates. H. C. Needle. 2,143,360; Jan. 10.
Fermentation process for solvent manufacture. H. E. Hall. 2,147,487; Feb. 14.
Fermentation process of making white calcium lactate. R. E. Daly, J. F. Walsh, and H. C. Needle. 2,143,359; Jan. 10.
Fermentation products and the like, Recovery of. G. T. Reich. 2,148,579; Feb. 28.
Fermenting molasses and like mashes. W. L. Owen. 2,164,255; June 27.
Ferric oxide, Production of. U. E. Bowes. 2,176,242; Oct. 17.
Ferric sulphate and preparing the same, Glassy resin-like. W. S. Wilson and J. F. White. 2,155,069; Apr. 18.
Ferric sulphate, Manufacture of. T. V. Fowler and H. F. Merriam. 2,184,419; Dec. 26.
Ferric sulphate, Manufacture of normal. W. S. Wilson and J. F. White. 2,165,189; July 4.
Ferric sulphate, Preparing normal. W. S. Wilson and J. F. White. 2,173,144; Sept. 19.
Ferro-alloys and making alloy steels from such alloys and in compositions for use in such processes, Making. B. F. Hardesty. Re. 21,047; Apr. 11.
Ferrophosphorus, Anodic oxidation of. L. H. B. Fraser. 2,173,103; Sept. 19.
Ferrous alloy. G. Charlton. 2,175,683; Oct. 10.
Ferrous alloy. J. P. Gill. 2,174,281–6; Sept. 26.
Ferrous alloy. W. E. Jominy. 2,179,695; Nov. 14.
Ferrous alloy, Corrosion-resistant. J. C. Wulff. 2,172,427; Sept. 12.
Ferrous bodies, Hardening. C. W. Dake. 2,178,201; Oct. 31.
Ferrous sulphate liquor, Regeneration of waste. R. P. Smith and J. Belding. 2,185,095; Dec. 26.
Ferrule expanding tool. G. M. Graham. 2,155,542; Apr. 25.
Ferrule for umbrellas and the like. P. De Mattia. 2,148,060; Feb. 21.
Ferrules and tool shanks, Making integral. J. G. Jackson. 2,159,329; May 23.
Ferrules to fiber containers, Applying metal. C. T. Walter. 2,163,926; June 27.
Fertilization for vegetation. L. Rosenstein. 2,163,065; June 20.
Fertilizer. S. B. Heath and J. W. Corey. 2,150,164; Mar. 14.
Fertilizer and making same. L. Treeland. 2,165,592; July 11.
Fertilizer and seed planter. A. T. Brunner. 2,159,652; May 23.
Fertilizer by employing calcium cyanide as the raw material, Manufacturing a. K. Hosokawa. 2,157,541; May 9.
Fertilizer, Dispensing and applying. C. A. Pipenhagen. 2,182,878; Dec. 12.
Fertilizer distributor. R. A. Butter and L. B. Neighbour. 2,144,361; Jan. 17.
Fertilizer distributor. A. C. Mayfield. 2,162,689; June 20.
Fertilizer distributor. G. H. Self. 2,143,801; Jan. 10.
Fertilizer distributor. H. M. Sims. 2,170,598; Aug. 22.
Fertilizer, Making calcium metaphosphate. H. A. Curtis. 2,173,826; Sept. 26.
Fertilizer, Making phosphate-sulphur. H. W. Gilbert. 2,161,035; June 6.
Fertilizer, Nitrogenous. W. J. Hale. 2,142,965; Jan. 3.
Fertilizer, Phosphatic. F. P. Kerschbaum. 2,155,556; Apr. 25.
Fertilizer, Producing humus. C. S. Townsend. 2,158,918; May 16.
Fertilizer soluble in citric acid, Producing a phosphatic. H. H. Franck and F. J. Kaess. 2,183,379; Dec. 12.
Fertilizers, Production of. H. A. Beekhuis, Jr. 2,155,372; Apr. 18.
Fertilizing device. A. E. Currie. 2,159,321; May 23.
Fiber. S. P. Gould and E. O. Whittier. 2,167,202; July 25.
Fiber. S. P. Gould and E. O. Whittier. 2,169,690; Aug. 15.
Fiber and the like and composition therefor, Carroting animal. C. F. Fabian and A. N. Sachanen. 2,144,487; Jan. 17.
Fiber, Artificial. H. C. Forrest. 2,174,575; Oct. 3.
Fiber cutting machine. F. R. Zimmerman. 2,154,256; Apr. 11.
Fiber, Elastic. P. J. Wiezevich. 2,170,439; Aug. 22.
Fiber finishing machine. W. T. Brown. 2,161,502; June 6.
Fiber, Manufacture and production of staple. C. F. Topham. 2,149,197; Feb. 28.
Fiber product, Continuous production of ligno-cellulose. W. H. Mason. 2,167,440; July 25.
Fiber pulp refiner. D. M. Sutherland, Jr. 2,156,320; May 2.
Fiber pulp refiner. D. M. Sutherland, Jr. 2,156,321; May 2.
Fiber sheets, Drying vulcanized. N. G. Jones. 2,185,087; Dec. 26.
Fiber sheets, Swelling cellulose. G. A. Richter and K. E. Glidden. 2,174,894; Oct. 3.
Fiber, Synthetic. E. W. Rugeley, T. A. Feild, Jr., and J. F. Conlon. 2,161,766; June 6.
Fiberboard, Colored. J. W. Gill. 2,176,854; Oct. 17.
Fiberboard, Making decorative. J. A. Wiener and F. A. Bromley. 2,146,871; Feb. 14.
Fiber treatment. J. P. Tarbox. 2,174,863; Oct. 3.
Fibers, Bleaching of bast. P. Siedler, E. Kayser, H. Korte, and W. Waibel. 2,150,134; Mar. 7.
Fibers from cuprammonia cellulose solutions, Producing crimped artificial. W. Zetzsche, E. Stix, H. Faber, and M. O. Schürman. 2,153,031; Apr. 4.
Fibers in rope form, especially synthetic fibers, Process and device for cutting. E. Blaschke. 2,182,193; Dec. 5.
Fibers from the stalks of flax and other bast plants, Apparatus for obtaining. A. E. Dodd. 2,168,095; Aug. 1.
Fibers, Mechanism for use in decorticating. J. J. Marczak, generally known as J. J. Martz. 2,156,122; Apr. 25.
Fibers, Method and apparatus for the production of artificial. A. Formhals. 2,158,416; May 16.
Fibers, Method and machine for the abstraction and preparation of. F. P. Gardner. 2,177,647; Oct. 31.
Fibers, Method of and machine for abstracting and preparing. F. P. Gardner. 2,177,646; Oct. 31.
Fibers or threads from glass, slag, and the like meltable materials, Production of. L. von Reis. 2,152,423; Mar. 28.
Fibers, Producing artificial. A. Formhals. 2,158,415; May 16.
Fibers, Producing stapled. P. Nikles and F. Wiskemann. 2,173,789; Sept. 19.
Fibers, Synthetic. W. W. Heckert. 2,157,118; May 9.
Fibers, Treating vegetable. J. R. Milson. 2,165,758; July 11.
Fibers, Treatment of animal and vegetable. L. Frenkel. 2,153,416; Apr. 4.
Fibers, Treatment of bundles of artificial. H. von Recklinghausen and P. Saffert. 2,149,708; Mar. 7.
Fibers with complex chromium compounds of azo dyestuffs, Dyeing animal. F. Straub and H. Schneider. 2,153,701; Apr. 11.
Fibroid case. H. L. Greve. 2,181,482; Nov. 28.
Fibrous material. S. D. Wells. 2,181,556; Nov. 28.
Fibrous material and compositions suitable for impregnating such material, Impregnated. R. P. Lutz. 2,172,445; Sept. 12.
Fibrous material and saturant and making the same, Saturated. L. H. Hills. 2,172,974; Sept. 12.
Fibrous material for fluid contacts. R. V. Kleinschmidt. 2,143,016; Jan. 10.
Fibrous material of vegetable origin, Treatment of. M. P. Mulqueen. 2,161,377; June 6.
Fibrous material, Producing. D. C. Drill. 2,178,871; Nov. 7.
Fibrous material, Treating. H. A. Young. 2,173,241–2; Sept. 19.
Fibrous material, Waterproofing. E. B. Bell. 2,182,045; Dec. 5.
Fibrous materials, Apparatus for shredding alkali cellulose or like. A. Lasch and E. Eppler. 2,167,214; July 25.
Fibrous materials, Treating. H. A. Young. 2,173,243–4; Sept. 19.
Fibrous or cellular material, Method and apparatus for digesting. J. J. de la Roza, Sr. 2,159,258; May 23.
Fibrous product. L. B. Arnold, Jr. 2,142,986; Jan. 10.
Fibrous products, Manufacturing. G. H. Ellis. 2,173,391; Sept. 19.
Fibrous sheet, Coated. E. Gebauer-Fuelnegg and E. W. Moffett. 2,156,755; May 2.
Fibrous sheets, Producing waterproof. J. A. Montgomerie and P. K. Archibald. 2,168,778; Aug. 8.

Fibroin spinning solutions. R. S. Bley. 2,145,855–7; Feb. 7.
Fidelity control. A. V. Loughren. 2,167,405; July 25.
Fidelity control, Automatic. J. C. Beggs. 2,156,076; Apr. 25.
Fidelity control, Automatic. H. A. Wheeler. 2,152,514; Mar. 28.
Figure adapted for advertising and toy purposes. M. J. Eisler. 2,180,340; Nov. 21.
Figure for displaying fabrics in the form of garments, Lay. W. Spanier. 2,155,622; Apr. 25.
Figure, Traffic control. H. B. Snider. 2,145,322; Jan. 31.
Figures and the like on transparent bodies, Displaying A. L. Normandi. 2,158,633; May 16.
Filament. C. Spaeth. 2,165,310; July 11.
Filament and lamp, Incandescent. G. Mili. 2,180,538; Nov. 21.
Filament and making. M. E. McGowan. 2,167,765; Aug. 1.
Filament coiling machine. F. B. Iden. 2,179,296; Nov. 7.
Filament of rayon from viscose. W. H. Glover and G. S. Heaven. 2,170,752; Aug. 22.
Filaments and other products, Manufacture of artificial. J. Bower. 2,145,290; Jan. 31.
Filaments, Apparatus for manufacturing. R. F. Krejci and W. P. Zabel. 2,165,105; July 4.
Filaments, films, and like materials, Production of artificial. W. A. Dickie and P. F. C. Sowter. 2,147,641–2; Feb. 21.
Filaments, foils, and the like, Treatment of. R. W. Moncrieff and J. Gooddy. 2,142,913; Jan. 3.
Filaments, Manufacturing. W. P. Zabel. 2,142,865; Jan. 3.
Filaments, Method and apparatus for treating. W. P. Zabel. 2,179,367; Nov. 7.
Filaments, Mounting coiled-coil. W. E. Anderson and G. A. Freeman. 2,145,911; Feb. 7.
Filaments, Process and apparatus for producing. F. J. Tobias. 2,169,303; Aug. 15.
Filaments, ribbons, films, and like material, Manufacture of artificial. H. Dreyfus. 2,142,121; Jan. 3.
Filaments, threads, and the like, Apparatus for the production of. E. K. Gladding. 2,168,027; Aug. 1.
Filaments, threads, bands, and the like, Apparatus for twisting. E. A. Morton. 2,173,762; Sept. 19.
Filaments, threads, bands, and the like, Manufacture and production of artificial. J. H. Givens. 2,166,051; July 11.
Filaments, threads, yarns, and the like, Manufacture of artificial. W. A. Dickie and P. F. C. Sowter. 2,178,741; Nov. 7.
Filaments, Treating artificial. H. G. van der Waals and G. E. J. Wiessing. 2,171,485; Aug. 29.
File. L. R. Fetterolf. 2,143,063; Jan. 10.
File. B. Sakren and W. G. Levine. 2,161,532; June 6.
File. H. Schmid. 2,149,553; Mar. 7.
File case. R. Wurzburg. 2,171,105; Aug. 29.
File, Drawing. H. E. Smith. 2,184,852; Dec. 26.
File guide for nails. M. C. Gore. 2,179,290; Nov. 7.
File, Nail. A. E. Smith. 2,177,157; Oct. 24.
File or carrier, Fishhook. G. D. Schweigert. 2,164,259; June 27.
File, Paper. R. C. Finch. 2,167,578; July 25.
File, Rotary. C. W. Major. 2,184,508; Dec. 26.
File, Saw. P. Farwell. 2,171,443; Aug. 29.
File, Signal card. J. A. Krieg. 2,176,183; Oct. 17.
File, Stick. J. H. Milling. 2,171,453; Aug. 29.
File storage structure. J. W. Coombs. 2,163,484; June 20.
File, Visible record accordion. I. Hochtheil. 2,151,469; Mar. 21.
Files, Manufacture of cutting. W. F. Wright. 2,183,385; Dec. 12.
Files, rasps, and the like, Whetting. E. Zoppi. 2,173,218; Sept. 19.
Filing apparatus, Loose-leaf. R. F. Power. 2,150,518; Mar. 14.
Filing box. A. Efron. 2,164,133; June 27.
Filing cabinet. E. S. Howard. 2,174,939; Oct. 3.
Filing container. F. D. Jones. Re. 21,287; Dec. 5.
Filing device. H. I. Jeffers. 2,169,953; Aug. 15.
Filing device. L. Wolf. 2,184,786; Dec. 26.
Filing device for use in vertical filing systems. J. H. Page. 2,156,955; May 2.
Filing system. A. Chauvin. 2,174,201; Sept. 26.
Fillbox. F. F. Rike. 2,183,282; Dec. 12.
Fill cap. E. L. Jones. 2,143,626; Jan. 10.
Fill-leveling and overload-removing device. G. R. Stuart. 2,143,807; Jan. 10.
Filler, Egg case. R. W. Gates. Re. 20,960; Jan. 3.
Filler for abrasive articles. A. L. Ball. 2,162,600; June 13.
Filler for liquids, Container. C. W. Vogt. 2,169,573; Aug. 15.
Filler package. L. Benoit. 2,154,194–5; Apr. 11.
Filler, Placing expansion joint. C. E. Ulrich. 2,148,595; Feb. 28.
Filler, Pneumatic. R. Conklin. 2,142,962; Jan. 3.
Filler valve. G. L. N. Meyer. 2,167,123; July 25.
Filling and crowning mechanism. W. I. Gladfelter. 2,184,493; Dec. 26.
Filling and venting device. L. E. Lighton. 2,175,993; Oct. 10.
Filling compound for and method of insulating conductors. L. McCulloch. 2,154,276; Apr. 11.
Filling device, Portable. M. L. Butcher. 2,155,783; Apr. 25.
Filling device, Portable. J. Muller. 2,175,303; Oct. 10.
Filling machine. R. B. Bagby. 2,177,818; Oct. 31.
Filling machine. A. Burnett. 2,176,121; Oct. 17.
Filling machine. G. J. Huntley and R. J. Stewart. 2,145,765; Jan. 31.
Filling machine. O. Larsen. 2,164,530; July 4.
Filling machine. F. H. Luhdorff. 2,172,012; Sept. 5.
Filling machine. D. D. Smith. 2,155,336; Apr. 18.
Filling machine. H. C. Stockdale. 2,151,283; Mar. 21.
Filling machine. A. R. Thompson. 2,178,884; Nov. 7.
Filling machine, Automatic. W. J. Beck. 2,156,271; May 2.
Filling machine of the continuous variety. P. R. Fechheimer. 2,184,117; Dec. 19.
Filling machine, Weight controlled. R. J. Emmons. 2,156,280; May 2.
Filling valve. C. E. Kerr. 2,162,404; June 13.
Filling valve. C. E. Kerr. 2,172,010; Sept. 5.
Film advancing mechanism for motion picture apparatus. H. N. Fairbanks. 2,153,142; Apr. 4.
Film-advancing mechanism, Motion picture. F. T. O'Grady. 2,168,043; Aug. 1.
Film and lenticular film therefor, Printing lenticular. J. Eggert and G. Heymer. 2,144,649; Jan. 24.
Film and preparing same. F. M. Meigs. 2,170,829; Aug. 29.
Film and treating same, Photographic. D. K. Allison. 2,151,065; Mar. 21.
Film apparatus. D. von Mihály. 2,172,779; Sept. 12.
Film, Apparatus for processing motion picture. F. W. Gage. 2,177,706; Oct. 31.
Film, Apparatus for treating cinematographic. F. W. Jackman. 2,164,653; July 4.
Film, Apparatus for welding. C. Scott. 2,154,474; Apr. 18.
Film apparatus, Sound. E. L. Fischer. 2,160,014; May 30.
Film applicator. J. J. Bradley, Jr., and B. L. Seekins. 2,151,183; Mar. 21.
Film articles, Making plastic. E. T. Ferngren. 2,178,393; Oct. 31.
Film band reeling apparatus, Endless. W. Dällenbach. 2,163,870; June 27.
Film base, Photographic. J. G. Davidson. 2,157,384; May 9.
Film clip. W. H. Pleiss. 2,169,073; Aug. 8.
Film clip. G. Werner. 2,174,049; Sept. 26.
Film, Continuous process of casting thin. R. S. Reynolds. 2,169,288; Aug. 15.
Film control member for a film magazine. J. H. S. Parker and D. H. Stewart. 2,184,003; Dec. 19.
Film, Copying of lenticular. M. Adam. 2,155,075; Apr. 18.
Film cut-out. H. E. Butler. 2,180,976; Nov. 21.
Film device. H. van der Schalie. 2,177,505; Oct. 24.
Film drier. H. O. Bodine. 2,150,757; Mar. 14.
Film drive, Motion picture. E. May. 2,169,566; Aug. 15.
Film drying device. J. M. Bing. 2,148,009; Feb. 21.
Film editing and viewing and guiding device. G. Nemnich 2,174,194; Sept. 26.
Film feed and shutter mechanism, Intermittent. O. W. Githens, G. Kende, and E. M. Porter. 2,167,713; Aug. 1.
Film feed apparatus. A. B. Scott. 2,144,088; Jan. 17.
Film feed, Intermittent. P. G. Cazes. 2,152,624; Apr. 4.
Film feed mechanism for photographic roll film cameras. W. Müller and W. Priesemann. 2,148,636; Feb. 28.
Film feeding device. L. T. Sachtleben. 2,178,243; Oct. 31.
Film feeding device. O. Steiner. 2,152,221; Mar. 28.
Film feeding device for projection apparatus. H. D. Hirsch. 2,174,660; Oct. 3.
Film feeding mechanism, Intermittent. J. M. Wall. 2,144,277; Jan. 17.
Film feeding mechanism for photographic apparatus. W. Zapp. 2,161,941; June 13.
Film, Fluid treating of photographic. A. A. Parker. 2,168,846; Aug. 8.
Film for a cassette, Roll. A. Nagel. 2,176,507; Oct. 17.
Film for photographic color process. J. G. Capstaff. 2,158,174; May 16.
Film forming apparatus. H. C. Jewett. 2,161,356; June 6.
Film-forming composition. P. A. van der Meulen. 2,152,829; Apr. 4.
Film forming process and product. H. E. Van Derhoef. 2,183,520; Dec. 19.
Film gate for enlarging printers. A. E. Schubert. 2,153,159; Apr. 4.
Film guide. I. Marks. 2,168,941; Aug. 8.
Film guiding means. E. M. Berndt. 2,164,375; July 4.
Film-guiding mechanism. H. Becker. 2,173,996; Sept. 26.
Film-handling apparatus. K. Morsbach and K. Raschke. 2,175,538; Oct. 10.
Film handling device. R. E. Keys. 2,148,756; Feb. 28.
Film handling machine. H. E. Van Derhoef. 2,143,810; Jan. 10.
Film holder. F. C. Martin. 2,180,010; Nov. 14.
Film holding device. C. S. Bassin. 2,166,387; July 18.
Film identifying apparatus. M. E. Collins. 2,184,546; Dec. 26.

Film magazine for cinematographic cameras. C. E. Hillery-Collings. 2,166,543; July 18.
Film, Manufacture of nonfibrous. E. F. Izard. 2,176,903; Oct. 24.
Film marking device. E. Ross. 2,177,788; Oct. 31.
Film marking device. A. C. Winchester. 2,151,822; Mar. 28.
Film, Method and apparatus for televising a picture. P. C. Goldmark. 2,177,365; Oct. 24.
Film, Method of and apparatus for scanning motion picture. S. L. Clothier and H. C. Hogencamp. 2,163,543; June 20.
Film mutilator. J. Woermann. 2,164,980; July 4.
Film, Numbered motion picture. J. H. Clewell and F. H. McCormick. 2,173,505; Sept. 19.
Film on a carrier, Mounting a metallic. W. F. Grupe. 2,164,010; June 27.
Film or foil webs and the like, Apparatus for the manufacture of cellulose. E. Czapek. 2,183,255; Dec. 12.
Film pack construction. J. H. S. Parker. 2,172,257; Sept. 5.
Film pack for color photography. R. G. Brown. 2,155,078; Apr. 18.
Film packet for cameras. A. Goddard. 2,150,372; Mar. 14.
Film, Photographic. E. L. Baxter. 2,158,173; May 16.
Film, Photographic. M. Marasco. 2,182,814; Dec. 12.
Film, Photographic stripping. G. F. Nadeau. 2,143,791; Jan. 10.
Film printer, Selective. J. W. Bryce. 2,172,330; Sept. 5.
Film, Process for welding. C. Scott. 2,171,259; Aug. 29.
Film processing apparatus. F. W. Gage. 2,177,708; Oct. 31.
Film processing apparatus. H. B. Kline. 2,153,376; Apr. 4.
Film processing apparatus, Photographic. H. R. Bell. 2,142,881; Jan. 3.
Film processing device. L. R. Fink. 2,151,907; Mar. 28.
Film, Processing motion picture. F. W. Cage. 2,163,029; June 20.
Film processing tank. L. R. Fink. 2,159,476; May 23.
Film, Production of a colored sound. B. Gaspar. 21,099; May 30.
Film recording system, Sound. E. J. Wender. 2,147,623; Feb. 14.
Film reel attachment. H. Mulch. 2,178,346; Oct. 31.
Film reel, Motion picture. O. A. Ross. 2,177,152; Oct. 24.
Film rewind device. J. M. Goldberg. 2,182,944; Dec. 12.
Film re-winder, Multiple. I. Serrurier. 2,178,673; Nov. 7.
Film rewinding apparatus. S. M. Hill and F. S. Testera. 2,153,666; Apr. 11.
Film scanning apparatus and method. S. L. Clothier and H. C. Hogencamp. 2,163,544; June 20.
Film scanning, Motion picture. S. L. Clothier and H. C. Hogencamp. 2,163,539; June 20.
Film scrap, Reclaiming photographic. G. F. Nadeau and M. J. Reid. 2,143,629; Jan. 10.
Film splice, Sound. R. S. Sumner. 2,183,947; Dec. 19.
Film sprocket. J. M. Wehner. 2,155,518; Apr. 25.
Film strips, Marking means for. B. C. Roehrl. 2,162,408; June 13.
Film, Subbing photographic. G. F. Nadeau and C. B. Starck. 2,146,907; Feb. 14.
Film supporting and driving means. W. V. Brenbarger and J. F. Van Lueven. 2,146,170; Feb. 7.
Film, Surface-treating. M. Marasco. 2,172,801; Sept. 12.
Film tensioning device. W. M. Flaherty. 2,144,258; Jan. 17.
Film, Thin insulating. E. R. Piore. 2,178,081; Oct. 31.
Film treating apparatus. A. W. Tondreau. 2,142,538; Jan. 3.
Film treating apparatus. A. W. Tondreau. 2,182,886; Dec. 12.
Film-treating apparatus, Continuous. A. W. Tondreau. 2,169,061; Aug. 8.
Film treating apparatus, Photographic. A. S. Howell. 2,162,016; June 13.
Film viewer. S. A. Ciechanow. 2,182,514; Dec. 5.
Film wind for folding cameras. J. Hihalyi. 2,169,000; Aug. 8.
Film winding and gate opening mechanism. A. E. Schubert. 2,165,419; July 11.
Film winding apparatus. J. E. O. Feller. 2,182,723; Dec. 5.
Film winding means for cameras and the like. P. F. Sperry. 2,151,536; Mar. 21.
Film winding mechanism. J. B. Nelson. 2,150,696; Mar. 14.
Film winding mechanism. A. E. Schubert. 2,161,391; June 6.
Film winding mechanism for cameras. W. Lindenberg. 2,168,998; Aug. 8.
Film with sound record, Color. W. Schneider. 2,178,582; Nov. 7.
Filming machine. P. C. P. and R. G. Booty. 2,167,430; July 25.
Films and film coatings, Forming. E. L. Mack and E. H. Morse. 2,175,125; Oct. 3.
Films and plates, Developing photographic. A. O. Jaeger and J. E. Jewett. 2,178,450; Oct. 31.
Films, Applying. W. Earl and G. W. Fleischman. 2,183,064; Dec. 12.
Films by the substractive three-color method, Producing color. L. Horst. 2,144,457; Jan. 17.
Films, Casting. C. Scott. 2,150,250; Mar. 14.
Films, Device for viewing. S. P. Caldwell. 2,168,761; Aug. 8.
Films, Film-winding and film-storing means for coiled. O. Rall. 2,171,991; Sept. 5.
Films, Making and curing resin. M. M. Safford. 2,144,548; Jan. 17.
Films, Manufacture of. A. Ossenbrunner, M. Hagedorn, and G. Wilmanns. 2,169,537; Aug. 15.
Films of the animated cartoon type, Method and apparatus for the production of motion picture. P. H. Terry and C. L. Gregory. 2,174,931; Oct. 3.
Films, Producing rubber hydrochloride. W. C. Calvert. 2,161,454; June 6.
Films, Production of colored picture. M. Combes. 2,151,899; Mar. 28.
Films, threads, and the like, Forming. E. F. Izard. 2,169,250; Aug. 15.

Filter; *See*—

Adjustable air filter.
Aerobic filter.
Air filter.
Amplitude filter.
Band pass filter.
Camera filter.
Cigarette filter.
Continuous filter.
Electric separating filter.
Electric wave filter.
Electrical filter.
Electrical ware filter.
Electrical wave resonant line filter.
Fuel filter.
Gas filter.
Hot-air conduit filter.
Light filter.
Liquid dispenser filter.
Magnetic filter.
Metal plate filter.
M-derived band-pass filter.
Nasal passage filter.
Oil filter.
Oil vapor filter.
Phase correcting low-pass filter.
Phase-sequence filter.
Piezoelectric filter.
Pipe filter.
Radio frequency filter.
Vacuum cleaner filter.
Variable electric filter.
Wave filter.

Filter. R. N. Bostock. 2,145,683; Jan. 31.
Filter. C. B. Bowman. 2,161,127; June 6.
Filter. H. L. Dick. 2,175,256; Oct. 10.
Filter. H. C. Edwards and A. F. Campbell. 2,146,205; Feb. 7.
Filter. T. L. Genter. 2,184,451; Dec. 26.
Filter. C. W. Hansell. Re. 21,246; Oct. 24.
Filter. H. M. Hunter. 2,174,748; Oct. 3.
Filter. I. H. Jewell. 2,149,680; Mar. 7.
Filter. C. S. Knight. 2,147,792; Feb. 21.
Filter. R. R. Layte and M. M. McCoy. 2,158,512; May 16.
Filter. F. Manning. 2,161,831; June 13.
Filter. H. C. A. Meyer. 2,183,368; Dec. 12.
Filter. W. H. Oliver. 2,167,159; July 25.
Filter. S. D. Osborn and O. Dahl. 2,149,745; Mar. 7.
Filter. E. H. Swanson. 2,151,538; Mar. 21.
Filter. C. G. Vokes. 2,145,535; Jan. 31.
Filter and cartridge, Oil. H. B. Beck. 2,156,329; May 2.
Filter and condition indicator, Oil. L. B. White. 2,174,769; Oct. 3.
Filter and ejector for cigarette and cigar holders. P. Palumbo. 2,145,733; Jan. 31.
Filter and making it, Glass. H. C. Bates. 2,160,571; May 30.
Filter and medicator for poultry hovers and the like, Air. J. Lyon. 2,171,400; Aug. 29.
Filter and separator, Centrifugal. J. H. Millar. 2,153,581; Apr. 11.
Filter appliance. J. D. Wicks, J. D. Condon, and F. H. Franklin. 2,143,044; Jan. 10.
Filter attaching means for photographic cameras. H. Kuppenbender. 2,150,626; Mar. 14.
Filter bed cleaning. F. L. Pruyn. 2,182,094–5; Dec. 5.
Filter beds, Cleaning of. G. F. Hurt. 2,156,291; May 2.
Filter control, Automatic backwash. J. P. Lawlor. 2,184,618; Dec. 26.
Filter drive unit. J. D. Christian. 2,143,842; Jan. 17.
Filter for artesian wells or bore holes. G. Caluwe. 2,167,743; Aug. 1.
Filter for cream and milk. J. M. Kidd. 2,157,668; May 9.
Filter for photometers, Eyepiece light. C. J. Thompson. 2,171,260; Aug. 29.
Filter for purifying liquids or gases. P. Belyavin. 2,184,243; Dec. 19.
Filter for separating high frequencies from low frequencies. A. Wiessner. 2,144,950; Jan. 24.
Filter for tobacco smoking pipes, cigarette and cigar holders. J. A. Kostamo. 2,163,432; June 20.
Filter for ultra-violet light. E. E. Richardson. 2,160,907; June 6.
Filter forming machine. R. L. Irwine and J. P. Kovacs. 2,155,973; Apr. 25.
Filter impregnating machine. F. B. Hale and F. A. Logan. 2,170,142; Aug. 22.
Filter in multilayer film, Ultraviolet. K. Schinzel. 2,172,262; Sept. 5.
Filter medium and forming the same. C. S. Knight. 2,146,749; Feb. 14.
Filter network. H. R. Butler. 2,176,046; Oct. 17.
Filter network for radio receivers. R. Rechnitzer. 2,161,315; June 6.
Filter or strainer. T. C. Makins. 2,171,004; Aug. 29.
Filter pad and purifying liquids. H. H. Seitz. 2,144,781; Jan. 24.

Filter pads, Method and means for supporting. O. E. Quare and B. B. Breslow. 2,182,501; Dec. 5.
Filter press. A. L. Bausman. 2,178,416; Oct. 31.
Filter protection. W. W. Martenis. 2,154,051; Apr. 11.
Filter protection. C. W. Nessell. 2,159,951; May 23.
Filter screen. K. H. Colville. 2,150,889; Mar. 14.
Filter, Sheet. G. H. Seitz. 21,107; May 30.
Filter structure for vacuum cleaners. C. A. Brock. 2,173,960; Sept. 26.
Filter structures, Polarizing. H. Bartels. 2,145,914; Feb. 7.
Filter-unit attachment for tobacco pipes. E. H. Lange. 2,169,730; Aug. 15.
Filter with variable band width, Band pass. F. Below. 144,214; Jan. 17.
Filter with variable band width, Band-pass. T. J. Weyers. 2,161,646; June 6.
Filtering. W. H. Alton. 2,179,028; Nov. 7.
Filtering and dehydrating device for the refrigerant in mechanical refrigerators. W. R. Mittendorf. 2,148,770; Feb. 28.
Filtering apparatus. C. W. Andrews. 2,173,060; Sept. 12.
Filtering apparatus. C. H. Cuno and S. L. Wolfson. 2,167,322; July 25.
Filtering apparatus. E. C. Damrow. 2,149,956; Mar. 7.
Filtering apparatus. G. A. Gieseler. 2,167,236; July 25.
Filtering device. A. E. Squire. 2,171,484; Aug. 29.
Filtering device. P. F. Victor. 2,144,444; Jan. 17.
Filtering element. A. Boiano. 2,146,525; Feb. 7.
Filtering finely divided solids from fluid suspension. H. K. Moore. 2,164,142; June 27.
Filtering media, Fibrous. W. M. Orr. 2,148,708; Feb. 28. Feb. 28.
Filtering medium for air filters. C. P. Hegan. 2,167,323; July 25.
Filtering, Method and apparatus for. H. F. Jordan. 2,173,256; Sept. 19.
Filtering or dewatering. G. H. Rupp and P. M. Frantz. 2,183,896; Dec. 19.
Filtration, Continuous depth. F. W. Manning. 2,152,902; Apr. 4.
Finder. P. Heinisch. 2,180,236; Nov. 14.
Finding for a pin stem joint or catch and making the same. E. Morehouse. 2,162,820; June 20.
Finger-fit implement. L. L. Greneker. 2,151,846; Mar. 28.
Finger fitting holder. C. Lorber. 2,173,451; Sept. 19.
Finger-lock tool holder. J. G. Elkin. 2,172,652; Sept. 12.
Fingernail polish protector. H. B. Lewis. 2,179,046; Nov. 7.
Finger piece. A. G. Dalmas. 2,177,205; Oct. 24.
Fingerprint machine. H. L. Ballard. 2,153,684; Apr. 11.
Fingerprinting apparatus. T. H. Cox. 2,172,904; Sept. 12.
Fingerprinting device. O. T. Bounds. 2,149,573; Mar. 7.
Finger ring. M. Manne and I. Frank. 2,184,749; Dec. 26.
Finger ring, Adjustable. J. E. Skoog. 2,146,272; Feb. 7.
Finger signal. M. L. Davis. 2,179,777; Nov. 14.
Finish detail element, Constructional. A. Doherty. 2,154,036; Apr. 11.
Finish for walls. L. Polak. 2,162,861; June 20.
Finish or wall plate. W. H. Lantz, Jr. 2,181,278; Nov. 28.
Finishing and severing tool. B. C. Moise and J. Rae. 2,165,646; July 11.
Finishing device for cement surfaces. C. A. Leistner and R. Conway. 2,181,375; Nov. 28.
Finishing machine. G. A. Carlson. 2,166,859; July 18. July 18.
Finishing system for acoustical surfaces. H. L. Wampner. 2,150,139; Mar. 7.
Finishing tool. H. R. Hawgood. 2,171,325; Aug. 29.
Fins to tubes, Device for bonding. F. M. Young. 2,160,633; May 30.
Fire alarm system. A. F. Martel. 2,148,303; Feb. 21.
Firearm. C. H. Barnes and O. H. Loomis. 2,144,603; Jan. 24.
Firearm. V. Holek. 2,163,144; June 20.
Firearm. M. M. Johnson, Jr. 2,146,743; Feb. 14.
Firearm. C. C. Loomis. 2,159,485; May 23.
Fire arm. G. E. Munson. 2,142,405; Jan. 3.
Firearm. R. Pike. 2,143,028; Jan. 10.
Firearm. R. H. Pike. 2,156,191; Apr. 25.
Firearm. E. Pugsley. 2,158,148–9; May 16.
Firearm. A. Seidel. 2,177,227; Oct. 24.
Firearm. W. L. Swartz. 2,169,084; Aug. 8.
Firearm. E. M. Varona. 2,144,091; Jan. 17.
Firearm. D. M. Williams. 2,144,951; Jan. 24.
Firearm. H. Wimmersperg. 2,167,495; July 25.
Firearm, Automatic. M. Birkigt. 2,159,126–7; May 23.
Firearm, Automatic. V. Holek. 2,146,185; Feb. 7.
Firearm, Automatic. W. L. Swartz. 2,169,083; Aug. 8.
Firearm, Automatic. H. Vollmer. 2,182,907; Dec. 12.
Firearm, Automatic. F. Walther. 2,145,328; Jan. 31.
Firearm, Breakdown. G. S. Lewis. 2,154,517; Apr. 18.
Firearm frames, Producing. W. C. Roemer. 2,143,923; Jan. 17.
Firearm hammer. D. W. King. 2,159,527; May 23.
Firearm, Pump-action. C. G. Swebilius. 2,155,512; Apr. 25.
Firearms, Recoil control of. R. H. S. Hughes. 2,184,595; Dec. 26.
Firearm, Recoil-operated. T. F. Sanders. 2,145,136; Jan. 24.
Firearm, Take-down. H. F. Mossberg. 2,145,054; Jan. 24.
Firearm, Tubular-magazine repeating. H. L. Crockett. 2,146,941; Feb. 14.
Firearms, Attachment for. A. F. Gaidos. 2,150,914; Mar. 21.
Firearms, Rear-sight construction for. C. G. Swebilius. 2,173,701; Sept. 19.
Firearms, Recoil absorber for. N. J. A. Galliot and J. A. V. A. Châble. 2,143,596; Jan. 10.
Firebox, Locomotive. A. W. Nelson. 2,168,625; Aug. 8.
Firebox, Locomotive boiler. G. J. Christenson. 2,151,009; Mar. 21.
Fire control for machine guns. G. Schmidt. 2,157,575; May 9.
Firecracker package. R. B. Whiteside. 2,142,227; Jan. 3.
Fire detecting apparatus. S. N. Koulichkov. 2,177,493; Oct. 24.
Fire detecting cable. D. R. Wheeler. 2,161,395; June 6.
Fire detector, alarm, and extinguisher, Automatic. J. Grison. 2,152,761; Apr. 4.
Fire detector and alarm. W. H. and J. Siddall and W. M. Siddall, Jr. 2,147,718; Feb. 21.
Firedoor operating mechanism. C. R. Davison. 2,155,585; Apr. 25.
Fire engine. C. F. Smith. 2,154,642; Apr. 18.
Fire escape. J. H. Briggs. 2,147,624; Feb. 21.
Fire escape device. L. Androsiglio. 2,183,953; Dec. 19.
Fire extinguisher. C. L. Adams. 2,166,277; July 18.
Fire extinguisher. R. E. Fraseur. 2,173,392; Sept. 19.
Fire extinguisher. R. C. Iddings and H. G. Williams. 2,175,120; Oct. 3.
Fire extinguisher. A. Kunz. 2,149,446; Mar. 7.
Fire extinguisher. C. H. Lindsay. 2,181,488; Nov. 28.
Fire extinguisher. P. G. MacGregor. 2,159,168; May 23.
Fire extinguisher. G. Schaaf. 2,143,635; Jan. 10.
Fire extinguisher. T. G. Slack. 2,175,068; Oct. 3.
Fire extinguisher. D. R. Wheeler. 2,171,487; Aug. 29.
Fire extinguisher. E. H. Warr, B. H. Stotter, and F. C. Russell. 2,163,477; June 20.
Fire extinguisher, Pump. M. Mars. 2,154,986; Apr. 18.
Fire extinguisher, Triple. P. Purviance. 2,177,581; Oct. 24.
Fire extinguishing. E. Geertz. 2,143,311; Jan. 10.
Fire extinguishing apparatus. P. A. Stover. 2,177,963; Oct. 31.
Fire extinguishing foam apparatus. F. L. Boyd. 2,167,232; July 25.
Fire fighting equipment. J. T. Corley. 2,144,619; Jan. 24.
Fireplace. F. G. Boyter. 2,174,435; Sept. 26.
Fireplace. J. D. Covert. 2,158,041; May 9.
Fireplace. R. J. Stenquist. 2,165,661; July 11.
Fireplace closure. R. R. Benedict. 2,156,799; May 2.
Fireplace construction. G. W. Donley. 2,151,016; Mar. 21.
Fireplace-furnace. N. E. Brainard. 2,172,356; Sept. 12.
Fireplace furnace. F. D. Howe. 2,154,939; Apr. 18.
Fireplace heater. H. W. Maurer. 2,181,624; Nov. 28.
Fireplace heater. J. E. Rutland. 2,161,723; June 6.
Fireplace heater, Portable. R. A. Lathrop. 2,183,458; Dec. 12.
Fireplace screen. D. K. Eisele. 2,150,367; Mar. 14.
Fireproof construction. C. R. Williams. 2,150,754; Mar. 14.
Fireproofing composition. M. Leatherman. 2,167,278; July 25.
Fireproofing member. J. H. Young and P. W. Jenkins. 2,142,164; Jan. 3.
Fireproofing treatment and composition. E. C. Clayton and L. L. Heffner. 2,178,625; Nov. 7.
Fire screen. A. Gromes. 2,152,474; Mar. 28.
Fire screen. R. Panza. 2,145,431; Jan. 31.
Fire, water, and mildew resisting compound and fabric. E. C. Clayton and L. L. Heffner. 2,172,698; Sept. 12.
Fireworks. A. Cimorosi. 2,174,202; Sept. 26.
Fires in inflammable fluids, Extinguishing. X. B. Tansill. 2,174,606; Oct. 3.
Firing regulator. C. G. Petter. 2,154,770; Apr. 18.
Fish about dams, Effecting downstream migration of. H. B. Holmes, H. F. Blood, and M. C. Bell. 2,169,249; Aug. 15.
Fish and product thereof, Preparing. T. S. Gorton, Jr. 2,178,787; Nov. 7.
Fish and the like, Method of and device for handling and conservation of. L. E. Baker. 2,146,105; Feb. 7.
Fish bait or lure, Propelled and dirigible. J. G. Lancaster. 2,169,698; Aug. 15.
Fish bone and skin removing machine. L. and S. L. Laurin. 2,162,621; June 13.
Fish-cleaning device, Automatic. A. V. Sullivan. 2,142,420; Jan. 3.
Fish cleaning wheel. L. W. Zandt and V. K. Lipp. 2,177,013; Oct. 24.
Fish cutting and cleaning machine. A. L. Christiansen. 2,166,939; July 25.
Fish-cutting machine. P. E. Pearson. 2,150,128; Mar. 7.
Fish, Filleting. W. H. Hunt. 2,149,021; Feb. 28.
Fish filleting machine. W. H. Hunt. 2,149,022; Feb. 28.
Fish freezing arrangement. G. L. Gross. 2,176,764; Oct. 17.

Fish, frogs, and the like, Preserving. F. J. Nevison. 2,169,811; Aug. 15.
Fishhook. L. J. Eppel. 2,158,794; May 16.
Fishhook. E. W. Evans. 2,164,807; July 4.
Fishhook. J. G. Kaspick. 2,148,074; Feb. 21.
Fishhook. W. O. Maurer. 2,149,062; Feb. 28.
Fishhook. C. McConnell. 2,176,820; Oct. 17.
Fishhook. J. R. Skoverski. 2,180,557; Nov. 21.
Fishhook connector and spreader. O. Bulow. 2,157,477; May 9.
Fishhook cover. H. W. G. Jend. 2,165,708; July 11.
Fishhook disgorger. B. L. Dorsey. 2,152,879; Apr. 4.
Fishhook disgorging device. A. B. Falkner. 2,164,907; July 4.
Fishhook extractor. A. C. de Beuckelaere. 2,176,330; Oct. 17.
Fishhook extractor. C. R. Harkins. 2,155,898; Apr. 25.
Fishhook holder. A. Stryker, Jr. 2,144,300; Jan. 17.
Fishhook, Live bait. C. R. Copeland. 2,143,054; Jan. 10.
Fishhook setter and shock absorber, Automatic. C. J. Noren. 2,147,917; Feb. 21.
Fishhook snelling machine. W. S. Torrence. 2,145,439; Jan. 31.
Fishhook, Trap. B. W. Macy. 2,177,902; Oct. 31.
Fishline and making same. R. C. Wilcox. 2,164,296; June 27.
Fishline bob. W. S. Goertzen. 2,173,394; Sept. 19.
Fishline bobber. W. H. Parmenter. 2,162,821; June 20.
Fishline releaser. C. H. Griffith. 2,184,589; Dec. 26.
Fish lure. J. A. Arbogast. 2,184,330; Dec. 26.
Fish lure. S. E. Bacon. 2,183,059; Dec. 12.
Fish lure. E. G. Jones. 2,149,054; Feb. 28.
Fish lure. C. D. Lovelace. 2,183,816; Dec. 19.
Fish lure. H. Mallett. 2,164,415; July 4.
Fish lure. F. Mertens. 2,175,635; Oct. 10.
Fish lure. M. Niemi. 2,172,889; Sept. 12.
Fish lure. F. A. Ozburn. 2,162,966; June 20.
Fish lure. V. Parkins. 2,152,275; Mar. 28.
Fish lure. V. Parkins. 2,152,971; Apr. 4.
Fish lure. G. B. Rayburn. 2,150,846; Mar. 14.
Fish lure. G. B. Rayburn. 2,173,540; Sept. 19.
Fish lure. J. H. Saarela. 2,165,071; July 4.
Fish lure. K. B. Sage. 2,159,230; May 23.
Fish lure. W. C. Saunders, Jr. 2,161,094; June 6.
Fish lure. N. M. Sleeper and H. V. Keeling. 2,155,335; Apr. 18.
Fish lure. R. Stewart and C. S. Fish. 2,148,784; Feb. 28.
Fish lure. L. A. Verzi. 2,180,918; Nov. 21.
Fish lure, Artificial. A. Horvath. 2,163,378; June 20.
Fish lure, Artificial. J. L. Layfield. 2,179,641; Nov. 14.
Fish lure, Fly-rod. J. A. Gilliam. 2,167,945; Aug. 1.
Fish lures, Device, adapter, tool, or the like to facilitate the manufacture of artificial. M. M. Evans. 2,166,585; July 18.
Fish lures, trout flies, and the like, Carrying. M. L. Hillmer. 2,173,363; Sept. 19.
Fish-luring device, Mechanical. C. E. Peck. 2,171,372; Aug. 29.
Fish meal for storage and shipping, Preparing. E. T. Meakin. 2,167,723; Aug. 1.
Fish, Means for catching. K. Hovden. 2,163,282; June 20.
Fish, Method of and machine for eviscerating. P. Danielsson. 2,169,791; Aug. 15.
Fish-ribbing machine and method. W. H. Hunt. 2,179,821; Nov. 14.
Fish scaler. E. L. Scoville. 2,154,187; Apr. 11.
Fish-scaling machine. W. D. Grow. 2,172,472; Sept. 12.
Fish-scaling machine. M. W. Grow and J. G. Volp. 2,172,470; Sept. 12.
Fish-scaling tool. J. T. Helm. 2,148,944; Feb. 28.
Fish screen. L. Briles. 2,162,325; June 13.
Fish, Smoking. R. Gamble. 2,179,122; Nov. 7.
Fish spearing and landing device. P. M. and J. R. Thompson. 2,155,913; Apr. 25.
Fish spreader, Folding. J. Mindek, Jr. 2,162,739; June 20.
Fishtail propeller. L. J. Weatherwax. 2,180,890; Nov. 21.
Fish trap. O. K. Benca and F. Benca. 2,163,973; June 27.
Fish treating machine and method. R. Baader. 2,180,303; Nov. 14.
Fishway. H. B. Holmes, H. F. Blood, and M. C. Bell. 2,168,341; Aug. 8.
Fishway collecting systems, Method of and apparatus for. H. B. Holmes, H. F. Blood, and M. C. Bell. 2,171,560; Sept. 5.
Fishing apparatus. D. H. Kyle. 2,170,476; Aug. 22.
Fishing apparatus. H. B. Mussina. 2,157,003; May 2.
Fishing bait. W. H. Gruenhagen. 2,180,822; Nov. 21.
Fishing bait, Artificial. C. A. Johnson. 2,157,414; May 9.
Fishing device. G. M. Bicusa. 2,172,931; Sept. 12.
Fishing device. J. P. Boyce. 2,162,241; June 13.
Fishing device. J. J. Martin. 2,149,923; Mar. 7.
Fishing device. C. R. Parker. 2,145,992; Feb. 7.
Fishing device. R. A. Spitz, L. Visovatti, and O. Cobble. 2,177,912; Oct. 31.
Fishing equipment. J. A. Coxe. 2,182,468; Dec. 5.
Fishing float. W. H. Gruenhagen. 2,143,942; Jan. 17.
Fishing harness. G. W. Dixon. 2,142,887; Jan. 3.
Fishing line bobber. L. T. Wilson. 2,162,659; June 13.
Fishing line clamp. B. L. Conterman. 2,183,445; Dec. 12.
Fishing line distributor. G. A. Cook. 2,155,753; Apr. 25.
Fishing lure. A. F. Baker. 2,162,049; June 13.
Fishing lure W. C. Barnett. 2,155,294; Apr. 18.
Fishing lure. J. R. Kvitsky. 2,154,756; Apr. 18.
Fishing lure. V. W. Leusch and H. P. Gibson. 2,159,591; May 23.
Fishing lure. H. L. Rosselle. 2,176,803; Oct. 17.
Fishing lure. W. H. Schumann. 2,169,929; Aug. 15.
Fishing lure. G. J. Stephen. 2,170,067; Aug. 22.
Fishing lure. C. H. Weidenmier. 2,179,018; Nov. 7.
Fishing net equipment. E. Probst. 2,172,175; Sept. 5.
Fishing operations, Method and apparatus for performing. M. L. Cashion and R. Smith. 2,179,033; Nov. 7.
Fishing pole appliance. J. E. Monighan. 2,179,578; Nov. 14.
Fishing pole carrier. C. C. Garnett. 2,144,876; Jan. 24.
Fishing pole holder. R. W. Goeb. 2,160,499; May 30.
Fishing pole holder. M. L. McHuron. 2,176,352; Oct. 17.
Fishing reel. W. L. Adams. 2,179,972; Nov. 14.
Fishing reel. W. G. Balz and E. D. Clickner. 2,149,413; Mar. 7.
Fishing reel. W. G. Balz and E. D. Clickner. 2,181,259; Nov. 28.
Fishing reel. E. E. Bedell. 2,145,966; Feb. 7.
Fishing reel. F. Burdick and S. G. Russell. 2,145,474; Jan. 31.
Fishing reel. J. A. Coxe. 2,176,247; Oct. 17.
Fishing reel. F. M. Grieten. 2,153,923; Apr. 11.
Fishing reel. E. D. Howe. 2,153,250; Apr. 4.
Fishing reel. J. C. Jeffries. 2,176,424; Oct. 17.
Fishing reel. C. R. Klein. 2,168,938; Aug. 8.
Fishing reel. R. V. P. Kohlhepp. 2,146,582; Feb. 7.
Fishing reel. A. and O. Kovalovsky. 2,178,120; Oct. 31.
Fishing reel. O. and A. Kovalovsky. 2,180,321; Nov. 14.
Fishing reel. W. D. Marr. 2,184,149; Dec. 19.
Fishing reel. J. S. Norton. 2,144,635; Jan. 24.
Fishing reel. V. E. Pearson. 2,163,914; June 27.
Fishing reel. C. T. Pflueger. 2,184,242; Dec. 19.
Fishing reel. S. G. Russell. 2,142,967; Jan. 3.
Fishing reel. R. B. Thompson. 2,180,566; Nov. 21.
Fishing reel. W. F. Watson. 2,158,597; May 16.
Fishing reel. J. A. White. 2,150,088; Mar. 7.
Fishing reel. J. A. White. 2,172,824; Sept. 12.
Fishing reel, Automatic. C. S. Blocker. 2,148,185; Feb. 21.
Fishing reel, Automatic. A. D. Maury. 2,175,756; Oct. 10.
Fishing reel, Level wind. W. Shakespeare, Jr. 2,160,175; May 30.
Fishing reel seat. W. T. Toolan. 2,143,289; Jan. 10.
Fishing reels, Water catcher for. M. B. Brenneman. 2,154,122; Apr. 11.
Fishing rod. L. J. Ford. 2,158,932; May 16.
Fishing rod. H. H. Harsted. 2,159,795; May 23.
Fishing rod. M. K. Hedge. 2,177,433; Oct. 24.
Fishing rod. J. F. Maxwell. 2,180,323; Nov. 14.
Fishing rod. P. J. Mayer and F. H. Peters. 2,152,385; Mar. 28.
Fishing rod handle. C. N. Browne. 2,149,837; Mar. 7.
Fishing rod handle. W. E. Moulton. 2,182,901; Dec. 12.
Fishing rod holder. M. Danko. 2,184,583; Dec. 26.
Fishing rod holder. B. A. McCline and B. N. Kyser. 2,184,192; Dec. 19.
Fishing rod tip protector. J. B. Smith. 2,183,414; Dec. 12.
Fishing tackle. E. L. Dietrich. 2,179,878; Nov. 14.
Fishing tackle. W. L. Taylor. 2,180,781; Nov. 21.
Fishing tool. M. B. Graham. 2,148,019; Feb. 21.
Fitting and making same. O. L. Starr. 2,150,524; Mar. 14.
Fitting and making same. H. D. Stecher. 2,152,102; Mar. 28.
Fitting cleaner. H. J. Smith. 2,156,744; May 2.
Fitting, Detachable. N. M. Couty. 2,152,537; Mar. 28.
Fitting, Entrance. G. C. Thomas, Jr. and C. A. Badeau. 2,180,096; Nov. 14.
Fitting fastener. H. S. Frank. 2,143,309; Jan. 10.
Fitting for outlet valves, Waste. L. Frank and F. Klein. 2,179,121; Nov. 7.
Fitting for use with glazing bars. J. Williams. 2,178,507; Oct. 31.
Fitting, Gasketed. G. O. Conner. 2,171,302; Aug. 29.
Fitting, Lubricant J. Kludt. 2,153,330; Apr. 4.
Fitting, Overfloor raceway fitting. C. E. Rutherford. 2,171,807; Sept. 5.
Fitting, Plumbing. P. L. Scott. 2,168,631; Aug. 8.
Fitting, Pressure control. F. H. Mueller. 2,171,943; Sept. 5.
Fitting, Return bend. C. B. Harbison. 2,173,202; Sept. 19.
Fitting to a pipe line, Attaching a. T. A. Larry and E. E. Cline. 2,171,577; Sept. 5.
Fitting, Unit assembly pressure control. E. H. Bucknell and R. E. Bletcher. 2,172,345; Sept. 12.
Fitting, Vibration dampening. C. M. Hamblin. 2,162,714; June 20.
Fitting, Waste. C. F. Schultis. 2,163,453; June 20.
Fitting, Waste and overflow. E. M. Reedy. 2,178,493; Oct. 31.
Fitting, Wire rope. W. A. Meighan. 2,174,192; Sept. 26.

Fittings, Apparatus for producing branch. J. S. Coe. 2,149,508; Mar. 7.
Fittings, Producing branch. E. S. Cornell, Jr. 2,165,454; July 11.
Fittings, Producing waste-pipe. W. J. Gazey. 2,169,896; Aug. 15.
Fixed dimension gauge. N. L. Richards. 2,151,617; Mar. 21.
Fixer for permanent catheters. I. Gansel. 2,159,947; May 23.
Fixture aligner. A. P. Leinen. 2,173,172; Sept. 19.
Fixture, Combination. E. H. Bucknell and R. E. Bletcher. 2,152,868; Apr. 4.
Fixture connector. W. Wilson. 2,164,366; July 4.
Fixture, Curtain. P. G. Emery. 2,174,974; Oct. 3.
Fixture, Display. H. J. Rubenstein. 2,167,375; July 25.
Fixture, Dustproof. G. F. Niemann. 2,170,871; Aug. 29.
Fixture for machine tools. F. J. Malone. 2,176,089; Oct. 17.
Fixture for multiple-slip forms, Assembly. J. H. Carpenter and W. A. Gabrielson. 2,184,987; Dec. 26.
Fixture for reclining chairs, Metal. M. Fox. 2,148,933; Feb. 28.
Fixture lock. O. H. Siewek. 2,142,876; Jan. 3.
Fixture, Illuminable. F. H. Scantlebury. 2,153,595; Apr. 11.
Fixture, Mold. F. O. Gorman. 2,149,339; Mar. 7.
Fixture, Pneumatic counterbalancing. H. T. Platz. 2,176,979; Oct. 24.
Fixture, Tying. C. L. Straeten. 2,182,182; Dec. 5.
Fixture, Wrapping paper. F. H. Lawton. 2,156,502; May 2.
Flagpole support. C. S. Bock. 2,178,466; Oct. 31.
Flagstaff structure. A. B. Gardella. 2,167,579; July 25.
Flaker. F. R. Murphy. 2,169,275; Aug. 15.
Flakes, Apparatus for the manufacturing of. M. Cohn. 2,144,911; Jan. 24.
Flame arrester. C. Spaeth. 2,160,684; May 30.
Flame arrester safety device. F. G. D. Muller. 2,156,509; May 2.
Flame arrester safety device. F. G. D. Muller. 2,157,298; May 9.
Flame cutting apparatus. R. J. Clabeaux. 2,142,436; Jan. 3.
Flame producing mechanism, Pyrophoric. L. V. Aronson. 2,152,452; Mar. 28.
Flame projection from incandescent gas discharge conduits, Means for checking. J. Malczewski. 2,179,894; Nov. 14.
Flange for tunnel lining joints, Auxiliary calking. J. M. Ribble. 2,160,342; May 30.
Flange structure, Composite. B. H. Miller. 2,181,196; Nov. 28.
Flange unit, Barrel or drum. E. G. Melrath. 2,156,540; May 2.
Flanging machine. W. R. Beatty. 2,175,679; Oct. 10.
Flap and aileron control system. J. G. Taylor. 2,158,092; May 16.
Flap clamping machine, Breast. W. N. Bray and F. Barton. 2,182,011; Dec. 5.
Flap control mechanism. I. M. Laddon and H. K. Growald. 2,174,422; Sept. 26.
Flap device. E. F. Zaparka. 2,170,887; Aug. 29.
Flap, Extension wing. D. S. Fahrney. 2,142,123; Jan. 3.
Flap for slotted wings for aircraft, Aerodynamic. H. Riviere. 2,152,974; Apr. 4.
Flap, Slotted deflector. R. W. Griswold, II. 2,169,416; Aug. 15.
Flare. H. S. Eroe. 2,170,815; Aug. 29.
Flare. W. B. Larson. 2,164,613; July 4.
Flare, Illuminating. R. H. Halbach. 2,144,056; Jan. 17.
Flare, Parachute. S. P. Huff. 2,166,154; July 18.
Flareboards for a plow, Adjustable. L. J. Litchy. 2,160,973; June 6.
Flaring tool. L. C. Cattoi. 2,180,033; Nov. 14.
Flash boiler. M. E. Henard. 2,178,039; Oct. 31.
Flash boiler. C. S. Turner. 2,166,188; July 18.
Flash lamp. C. Korver. 2,162,847; June 20.
Flash lamp. E. Lemmers. 2,178,428; Oct. 31.
Flash lamp. R. S. Mackie. 2,178,430; Oct. 31.
Flash lamp. M. Pipkin and R. E. Worstell. 2,142,372; Jan. 3.
Flashing. W. P. Doing. 2,154,734; Apr. 18.
Flashing apparatus, Electrical. J. Schmidinger and C. C. Bohner. 2,144,640; Jan. 24.
Flashing structure. J. A. Buick. 2,184,092; Dec. 19.
Flashing switch. A. B. Scott. 2,152,216; Mar. 28.
Flashlight. G. C. Fullmer. 2,173,650; Sept. 19.
Flashlight. A. Gelardin. 2,171,304; Aug. 29.
Flashlight. H. G. Graubner. 2,147,368; Feb. 14.
Flashlight. H. G. Graubner. 2,152,187; Mar. 28.
Flashlight. H. G. Graubner. 2,166,682; July 18.
Flashlight. P. C. Haas. 2,176,301; Oct. 17.
Flashlight. O. T. Hood. 2,165,602; July 11.
Flashlight. C. F. Joers. 2,143,558; Jan. 10.
Flashlight. W. R. Kopp. 2,156,916; May 2.
Flashlight. W. M. Lenna. 2,176,084; Oct. 17.
Flashlight. W. J. Officer and O. T. Wood. 2,153,336; Apr. 4.
Flashlight and key case, Combined pocket. N. H. Swanson. 2,164,148; June 27.
Flashlight and magnifying glass, Combination. E. Eichenberger. 2,178,371; Oct. 31.
Flashlight attachment for cameras. J. Carroll. 2,180,276; Nov. 14.
Flashlight composition, and method of preparation, Spontaneously inflammable. R. E. Vollrath. 2,149,694; Mar. 7.
Flashlight construction. O. K. Reinhardt. 2,184,531; Dec. 26.
Flashlight devices. H. C. Evelyn. 2,166,657; July 18.
Flashlight holder, Bracelet. J. F. Fessel. 2,165,625; July 11.
Flashlight, Pocket. H. W. Batcheller. 2,150,644; Mar. 14.
Flashlight switch. G. C. Fullmer. 2,160,496; May 30.
Flashlight switch. O. T. Wood. 2,160,529; May 30.
Flashlight tester. E. Wassel. 2,174,484; Sept. 26.
Flashlight testing device. J. J. McCoy and K. G. Gerdin. 2,157,344; May 9.
Flask. A. J. Rellinger. 2,150,589; Mar. 14.
Flask and jacket, Precision. J. F. Hines. 2,154,749; Apr. 18.
Flask, Dental. W. D. Kirby. 2,159,437; May 23.
Flask hold-down mechanism for jolt tables. R. A. Russell. 2,174,999; Oct. 3.
Flask, Separatory. M. B. Jacobs and A. A. Singer. 2,170,411; Aug. 22.
Flask, Slip. W. J. Spensley. 2,144,859; Jan. 24.
Flatiron. S. D. Brownlee and J. G. Macdonald. 2,174,359; Sept. 26.
Flatiron, Electric. S. Marvin. 2,162,918; June 20.
Flatiron, Electrical. C. E. Beyar. 2,164,287; June 27.
Flatiron with self-acting safety device, Electric. G. Campana. 2,149,251; Mar. 7.
Flat knitting frame. H. Dietrich. 2,168,194; Aug. 1.
Flat knitting frame. W. Welker. 2,149,986; Mar. 7.
Flat screen. D. M. Waterous. 2,161,989; June 13.
Flatting agent and uses therefor. C. G. Harford. 2,180,145; Nov. 14.
Flatware, Making hollow-handle. W. E. West. 2,165,991; July 11.
Flatware, Producing colored. E. Schramm. 2,174,198; Sept. 26.
Flavone group, Preparing substances belonging to the. A. Szent-Györgyi. 2,152,827; Apr. 4.
Flavoring matters and their application. H. I. Waterman and C. van Vlodrop. 2,144,906; Jan. 24.
Flavoring or alimentary products, Manufacturing. H. E. Otting. 2,169,278; Aug. 15.
Flavoring solution. F. E. Stockelbach. 2,180,932; Nov. 21.
Flaw detection. H. C. Drake. 2,160,540; May 30.
Flaws in materials, Indicating. S. Sokoloff. 2,164,125; June 27.
Flaws in metallic bodies, Method and apparatus for detecting. W. C. Barnes and H. W. Keevil. 2,164,302; July 4.
Fleshing machine. H. E. Beyster. 2,169,754; Aug. 15.
Flexible adapter coupling. M. A. Elliott. 2,155,008; Apr. 18.
Flexible and safety coupling, Universal. B. Brownstein. 2,157,996; May 9.
Flexible coupling. E. B. Anderson. 2,158,212; May 16.
Flexible coupling. M. J.-B. Barbarou. 2,148,795; Feb. 28.
Flexible coupling. H. H. Gustin. 2,181,888; Dec. 5.
Flexible coupling. F. M. Guy. 2,181,183; Nov. 28.
Flexible coupling. A. Kuhns and E. R. Gasser. 2,172,662; Sept. 12.
Flexible coupling. J. E. Padgett. 2,154,991; Apr. 18.
Flexible coupling. C. Saurer. 2,166,376; July 18.
Flexible coupling. W. F. Smith. 2,182,455; Dec. 5.
Flexible coupling. B. E. Thomas. 2,182,711; Dec. 5.
Flexible health chair. H. E. Peters. 2,146,191; Feb. 7.
Flexible joint. T. C. Gray. 2,175,752; Oct. 10.
Flexible link bar. J. Lévai. 2,184,747; Dec. 26.
Flexible parking sign. H. H. Donovan. 2,164,680; July 4.
Flexible pipe or tubing. P. R. Jones. 2,168,067; Aug. 1.
Flexible screen. J. Drager. 2,168,022; Aug. 1.
Flexible shaft coupling. E. M. Agren. 2,148,975; Feb. 28.
Flexible tube. J. P. Ratay. 2,176,109; Oct. 17.
Flier block. G. W. Evans. 2,179,403; Nov. 7.
Flier block brake. W. W. Tew. 2,183,756; Dec. 19.
Flight attitude indicator. H. Schuchardt. 2,166,920; July 18.
Flight indicator. D. F. Zook. 2,181,444; Nov. 28.
Flight meter. J. F. Neville. 2,174,804; Oct. 3.
Float. C. J. Carlisle. 2,163,483; June 20.
Float. F. V. Long. 2,154,760; Apr. 18.
Float. C. N. Merralls. 2,163,795; June 27.
Float. C. H. Reeves and J. W. Warden. 2,153,339; Apr. 4.
Float. R. Squier. 2,162,134; June 13.
Float, Adjustable margin. N. Sassano. 2,179,563; Nov. 14.
Float and fish lure, Combination. G. G. La Gue. 2,181,458; Nov. 28.
Float, Automobile drain. J. J. Tokheim. 2,148,330; Feb. 21.
Float, Bather's air. J. C. Eubank. 2,173,963; Sept. 26.
Float box. G. C. Davis. 2,182,469; Dec. 5.
Float chamber. W. H. Hermsdorf. 2,143,878; Jan. 17.
Float, Fishline. W. S. Goertzen. 2,153,750; Apr. 11.
Float for fish nets. S. E. Cressey. 2,166,463; July 18.

Float for fishing lines. C. E. Jones. 2,153,869; Apr. 11.
Float for fishing nets and the like. L. W. Seefeldt. 2,154,112; Apr. 11.
Float for use on fishing lines. H. K. Fairbanks and H. Bachrach. 2,177,697; Oct. 31.
Float gauge cover. C. Spaeth. 2,160,685; May 30.
Float gear mounting. J. R. Gehr. 2,163,030; June 20.
Float switch. W. R. Jessup. 2,153,421; Apr. 4.
Float valve. C. J. Kohler. 2,164,927; July 4.
Float valve. J. H. H. Voss. 2,181,219; Nov. 28.
Float valve, Core barrel operated. M. L. Hacker. 2,162,578; June 13.
Floating shaft coupling. L. Sloan. 2,177,845; Oct. 31.
Floating top container. F. P. Hathaway. 2,147,771; Feb. 21.
Flocculation. G. M. Darby, W. C. Weber, and A. J. Fischer 2,143,750; Jan. 10.
Flocculation and sedimentation apparatus, Combined. G. M. Darby. Re. 20,971; Jan. 10.
Flock cutting machine. A. Hauge. 2,145,175–7; Jan. 24.
Floodlight mounting. R. E. Crossley. 2,166,394; July 18.
Floodlight support. W. D. Cook. 2,150,542; Mar. 14.
Floodlighting unit. J. H. Waterbury. 2,142,467; Jan. 3.
Floor and making the same. R. Adam. 2,165,437; July 11.
Floor and tub stand, Combined. G. B. Bentz. 2,174,650; Oct. 3.
Floor and wall covering material. H. Strauch. 2,175,096; Oct. 3.
Floor clip. S. J. Strid. 2,152,776; Apr. 4.
Floor construction. R. Hopewell. 2,156,588; May 2.
Floor construction, Metal. G. K. Bradfield, A. W. Clarke, and V. Willoughby. 2,180,504; Nov. 21.
Floor covering. R. G. Jackson. Re 21,036; Mar. 28.
Floor covering. W. S. Vrooman. 2,158,017; May 9.
Floor covering and method. J. J. Bradley, Jr., and A. R. Cripps. 2,177,634; Oct. 31.
Floor covering insert. E. R. Guise. 2,183,041; Dec. 12.
Floor covering, Luminous or fluorescent. H. E. Millson. 2,169,657; Aug. 15.
Floor coverings, Apparatus for making rubber. W. S. Vrooman. 2,160,182; May 30.
Floor, Furnace. J. H. Lawrence. 2,173,690; Sept. 19.
Floor furnace. B. F. Stephens. 2,162,410; June 13.
Floor or roof construction. M. G. Hilpert. 2,167,208; July 25.
Floor polishing and sanding device. J. D. Toro and M. Forschein. 2,156,824; May 2.
Floor rack. S. B. Haseltine. 2,161,923; June 13.
Floor, Refrigerator car. W. P. Murphy. 2,142,797–8; Jan. 3.
Floor-sanding machine. C. H. Driver. 2,180,039; Nov. 14.
Floor sanding machine. A. Iobbi. 2,154,620; Apr. 18.
Floor scrubbing machine. J. S. Benish. 2,165,331; July 11.
Floor surfacing G. De Spirt. 2,171,060; Aug. 29.
Floor system and connections therefor. G. F. Kotrbaty. 2,143,887; Jan. 17.
Floor waxing device. S. J. Glenn. 2,155,125; Apr. 18.
Flooring. C. W. Leguillon. 2,184,146; Dec. 19.
Flooring. R. McD. Freer and G. Morris. 2,184,811; Dec. 26.
Flooring block, Parquetry. D. S. De Witt. 2,143,764; Jan. 10.
Flooring composition and applying the same. W. C. Treuhaft. 2,172,629; Sept. 12.
Flooring construction. H. S. Nagin. 2,162,742; June 20.
Flooring, End grain wood. A. Elmendorf. 2,151,505; Mar. 21.
Flooring, Flexible wood. A. Elmendorf. 2,165,788; July 11.
Flooring, Hardwood C. E. Hoover. 2,152,694; Apr. 4.
Flooring, Slab. T. Barbato. 2,177,238; Oct. 24.
Flooring, Steel. L. Focht. 2,142,640; Jan. 3.
Flooring, Watertight. L. J. Papineau. 2,181,200; Nov. 28.
Floors in mastic, Laying. W. F. Coleman. 2,149,162; Feb. 28.
Florist's pin. S. Shuko. 2,145,531; Jan. 31.
Flotation. W. J. McKenna. 2,178,239; Oct. 31.
Flotation agents and process of concentrating ores therewith. A. W. Ralston and W. O. Pool. 2,149,546; Mar. 7.
Flotation apparatus. J. M. McClave. 2,168,942; Aug. 8.
Flotation apparatus. A. J. Weinig. 2,167,788; Aug. 1.
Flotation concentrator. J. M. Patek. 2,142,206; Jan. 3.
Flotation machine. A. H. Garrett. 2,179,622; Nov. 14.
Flotation, Method and apparatus for multi-stage. L. D. Drake. 2,148,446; Feb. 28.
Flotation process. J. D. Price. 2,142,207; Jan. 3.
Flotation process. R. C. Ried. 2,163,701–2; June 27.
Flotation reagent. R. S. Handy. 2,164,063; June 27.
Flour and agent therefor, Bleaching and treating of. S. Z. Avedikian. 2,175,172; Oct. 10.
Flour dusting machine. P. Rasmussen. 2,152,500; Mar. 28.
Flour, Improving the baking strength of. H. Jorgensen. 2,149,682; Mar. 7.
Flour or similar ground products, Removing objectionable smell or taste from. A. Kotera. 2,146,958; Feb. 14.
Flour, Process of and apparatus for bleaching. C. H. Smith. 2,160,918; June 6.
Flour sifting machine. D. G. Jensen. 2,166,438; July 18.
Flour treating apparatus. W. S. Miller. 2,144,988; Jan. 24.
Flow bean for oil wells. J. Mitchell. 2,173,022; Sept. 12.
Flow booster for air pipes. J. Rucier. 2,168,783; Aug. 8.
Flow check and plug valve, Return. D. H. Greenwood. 2,151,098; Mar. 21.
Flow control apparatus for gaseous media. R. A. Foresman. 2,149,392; Mar. 7.
Flow control mechanism. F. Braungart. 2,176,243; Oct. 17.
Flow controlling valve. E. A. Rodgers. 2,142,376; Jan. 3.
Flow device. J. D. Nixon. 2,171,480; Aug. 29.
Flow head with adjustable flow bean. D. R. Knowlton and P. C. Murphy. 2,170,500; Aug. 22.
Flow indicating device. F. W. Moore. 2,147,309; Feb. 14.
Flow mechanism, Proportional. D. J. Purdie. 2,165,153; July 4.
Flowmeter. B. Dunglinson. 2,146,371; Feb. 7.
Flow meter. R. Estep. 2,167,172; July 25.
Flow meter. M. S. Houser. 2,165,705; July 11.
Flow meter. F. W. Side. 2,166,378; July 18.
Flow preventer for oil wells. W. K. Edwards and O. Thompson. 2,163,976; June 27.
Flow-rate responsive control means. W. R. Perry. 2,164,019; June 27.
Flow regulating means for oil wells. J. L. Oehler. 2,150,077; Mar. 7.
Flow regulator. M. H. Grove. 2,181,428; Nov. 28.
Flow responsive mechanism. F. W. Schlalos. 2,154,777; Apr. 18.
Flow reversing valve, Hydraulically operated. E. J. Hull. 2,175,398; Oct. 10.
Flow valve. C. S. Crickmer and R. A. Lamb. 2,184,635; Dec. 26.
Flower and candle holder. D. H. Crosser. 2,151,192; Mar. 21.
Flower bed border. J. O. Boehme. 2,184,904; Dec. 26.
Flower display box. E. L. Gould. 2,157,954; May 9.
Flower holder. H. V. Campbell. 2,152,869; Apr. 4.
Flowerpot, Combination. R. H. Lockyer. 2,172,514; Sept. 12.
Flowerpot cover. P. L. Mackie. 2,171,835; Sept. 5.
Flowerpot stand. E. E. Watkins. 2,143,338; Jan. 10.
Flue cleaner. E. W. Stevens. 2,163,384; June 20.
Flue cleaner, Flushing. E. W. Jacobson. 2,148,754; Feb. 28.
Flue expander. E. W. Stevens. 2,152,712; Apr. 4.
Flue gas water heater. J. I. Shute. 2,173,887; Sept. 26.
Flue treatment. R. C. Newton and F. L. De Beukelaer. 2,168,626; Aug. 8.
Fluffing machine. F. B. Hirsch. 2,159,950; May 23.
Fluid actuated device. B. A. Linderman. 2,174,635; Oct. 3.
Fluid analyzer, Automatic. A. H. W. Busby and R. K. Blois. 2,161,453; June 6.
Fluid, Apparatus and method for expressing. S. Hiller and H. A. Nibecker. 2,149,736; Mar. 7.
Fluid brake. H. J. M. Burdick. 2,179,540; Nov. 14.
Fluid braking apparatus. S. Schnell. 2,146,855; Feb. 14.
Fluid burner. A. Clarkson. 2,143,259; Jan. 10.
Fluid circulating system. M. L. Mueller. 2,147,854; Feb. 21.
Fluid circulating system. S. F. Shawhan and C. M. Ashley. 2,167,466; July 25.
Fluid circulation apparatus. U. G. Lee. 2,150,101; Mar. 7.
Fluid circulation in absorption refrigerators. G. P. Daiger. 2,152,243; Mar. 28.
Fluid circulation system. M. P. Parcaro. 2,154,136; Apr. 11.
Fluid circulator. E. Babcock. 2,164,863; July 4.
Fluid cleaner. O. B. Goldkamp. 2,145,047; Jan. 24.
Fluid compressing and exhausting device. T. D. Gregg. 2,173,330; Sept. 19.
Fluid compressor. B. S. Aikman. 2,151,825; Mar. 28.
Fluid compressor. B. S. Aikman. 2,163,391; June 20.
Fluid compressor. P. L. Crittenden. 2,155,257; Apr. 18.
Fluid compressor. L. Hanson. 2,178,662; Nov. 7.
Fluid compressor. R. T. Simons. 2,176,691; Oct. 17.
Fluid contents of a conduit, Method and apparatus for equalizing pressures of, or purging, the. T. A. Larry and E. E. Cline. 2,171,576; Sept. 5.
Fluid control, Apparatus for. T. A. Larry, E. E. Cline, and O. J. Hawkins. 2,171,937; Sept. 5.
Fluid control, Apparatus for. T. A. Larry, E. E. Cline, and O. J. Hawkins. 2,171,939; Sept. 5.
Fluid control, Apparatus for. F. H. Mueller. 2,171,942; Sept. 5.
Fluid control device. H. F. Lawrence. 2,173,881; Sept. 26.
Fluid control device. A. F. Pieper. 2,171,292; Aug. 29.
Fluid control devices, Means for intermittent. J. D. Nixon. 2,171,812; Sept. 5.
Fluid control for applicators. H. C. Burbig. 2,180,506; Nov. 21.
Fluid control mechanism. J. A. Charter. 2,165,696; July 11.
Fluid control mechanism. W. V. Sauter and H. F. Lawrence. 2,145,558; Jan. 31.

Fluid control mechanism. W. V. Sauter and H. F. Lawrence. 2,173,885; Sept. 26.
Fluid control mechanism for a change speed gear transmission operated by fluid pressure. K. Maybach. 2,177,904; Oct. 31.
Fluid control system. W. V. Sauter and H. F. Lawrence. 2,173,884; Sept. 26.
Fluid control system. W. V. Sauter and H. F. Lawrence. 2,173,886; Sept. 26.
Fluid control valve. N. Borresen. 2,160,117; May 30.
Fluid control valve. H. W. Fink. 2,164,057; June 27.
Fluid cooled elements for radio circuit. G. H. Williams. 2,160,098; May 30.
Fluid coupling. R. T. Bucy. 2,182,394; Dec. 5.
Fluid coupling. W. A. Duffield. 2,156,040; Apr. 25.
Fluid delivery apparatus, High-pressure. E. V. Parker. 2,174,526; Oct. 3.
Fluid dispenser. I. E. Arola. 2,148,335; Feb. 21.
Fluid dispenser. M. Mazzanobile. 2,165,398; July 11.
Fluid dispensing apparatus. V. D. Barker. 2,162,474; June 13.
Fluid dispensing apparatus. H. Ginnel. 2,180,821; Nov. 21.
Fluid dispensing apparatus. H. T. Goss. 2,173,477; Sept. 19.
Fluid-dispensing apparatus. H. Heiler. 2,171,125; Aug. 29.
Fluid dispensing apparatus. E. J. Lennart. 2,149,609; Mar. 7.
Fluid dispensing apparatus C. F. Pollnow. 2,153,156; Apr. 4.
Fluid dispensing apparatus. F. M. Spayd. 2,154,479; Apr. 18.
Fluid dispensing device. J. C. Griesemer. 2,152,588; Mar. 28.
Fluid dispensing device. W. A. Ramsay. 2,159,490; May 23.
Fluid dispensing system. R. E. Bechtold. 2,164,441; July 4.
Fluid dispensing system. A. Cohen, R. H. T. Morgan, and J. Goldstein. 2,178,559; Nov. 7.
Fluid distributing and mixing device. F. J. Kurth. 2,142,134; Jan. 3.
Fluid distributing system. L. Doré. 2,146,204; Feb. 7.
Fluid distribution. R. C. Lassiat. 2,149,299; Mar. 7.
Fluid distribution system. C. R. Alden. 2,145,640; Jan. 31.
Fluid distributor. C. R. Alden. 2,145,383; Jan. 31.
Fluid flow, Apparatus for measuring. A. Kolin. 2,149,847; Mar. 7.
Fluid flow control apparatus. K. D. McMahan. 2,155,279; Apr. 18.
Fluid flow control device. E. E. Frey. 2,157,405–6; May 9.
Fluid flow, Measuring. M. O. Johnston and C. W. Savitz. 2,153,254; Apr. 4.
Fluid flow meter. B. H. Stone. 2,143,962; Jan. 17.
Fluid flow regulator. B. Cyr. 2,155,358; Apr. 18.
Fluid flow regulator. M. H. Grove. 2,163,597; June 27.
Fluid forcing system. N. C. Price. 2,176,360; Oct. 17.
Fluid from well casings, Increasing the flow of. J. W. Van Meter. 2,144,208; Jan. 17.
Fluid fuel burner. W. S. Gordon, Jr. 2,183,836; Dec. 19.
Fluid-handling system. P. S. Morgan. 2,166,530; July 18.
Fluid heater. C. F. Denney. 2,162,941; June 20.
Fluid heater. V. W. Moray. 2,154,177–8; Apr. 11.
Fluid heater. V. W. Moray. 2,154,764; Apr. 18.
Fluid heater. N. C. Price. 2,183,893; Dec. 19.
Fluid heater. M. A. Zimmerman. 2,147,610; Feb. 14.
Fluid impelling means. W. H. Bretzlaff and C. P. Grimes. 2,176,325; Oct. 17.
Fluid injector. F. L. Allen. 2,148,671; Feb. 28.
Fluid irradiator. M. J. Dorcas, G. C. Supplee and F. Remesch, Jr. 2,163,573–4; June 27.
Fluid lift. J. D. Nixon. 2,164,469; July 4.
Fluid lift pump. W. L. Church. 2,152,873; Apr. 4.
Fluid-measuring apparatus. C. E. Mason. 2,179,219; Nov. 7.
Fluid measuring apparatus. H. S. Powley and J. H. Matthews. 2,178,492; Oct. 31.
Fluid meter. F. W. Hanks. 2,159,892; May 23.
Fluid meter. E. Thoresen. 2,164,671; July 4.
Fluid meter. W. C. Walker. 2,183,374; Dec. 12.
Fluid meter. R. H. Arnold and F. W. Sturm. 2,144,748; Jan. 24.
Fluid-meter structure. F. W. Hanks. 2,180,629; Nov. 21.
Fluid mixing valve. F. C. Leonard. 2,159,033; May 23.
Fluid motor. H. F. Parker. 2,169,451; Aug. 15.
Fluid motor, Rotary. M. C. Perkins. 2,152,564; Mar. 28.
Fluid moving machine. H. E. Kip. 2,179,824; Nov. 14.
Fluid-operated jack. J. Mercier. 2,163,982; June 27.
Fluid operated motor. F. Parreira. 2,153,587; Apr. 11.
Fluid operated pump. C. J. Coberly. 2,154,727; Apr. 18.
Fluid operated pump jack. G. H. Britter. 2,167,623; Aug. 1.
Fluid operated switch. M. Katcher. 2,164,821; July 4.
Fluid power transmission. A. Berger. 2,151,075; Mar. 21.
Fluid pressure brake. B. S. Aikman. 2,147,279; Feb. 14.
Fluid pressure brake. C. A. Campbell. 2,151,008; Mar. 21.
Fluid pressure brake. J. Canetta. 2,160,209; May 30.
Fluid pressure brake. C. C. Farmer. 2,159,787–8; May 23.
Fluid pressure brake. C. C. Farmer. 2,165,999–2,166,001; July 11.
Fluid pressure brake. C. C. Farmer. 2,170,239; Aug. 22.
Fluid pressure brake. E. R. Fitch. 2,177,521; Oct. 24.
Fluid pressure brake. E. E. Hewitt. 2,147,299; Feb. 14.
Fluid pressure brake. E. E. Hewitt. 2,148,750; Feb. 28.
Fluid pressure brake. E. E. Hewitt. 2,159,797; May 23.
Fluid pressure brake. J. C. McCune. 2,170,086; Aug. 22.
Fluid pressure brake. C. D. Stewart. 2,165,988; July 11.
Fluid pressure brake. R. Borde and A. Neveu. 2,173,928; Sept. 26.
Fluid pressure brake. E. P. Gosling and F. J. Bittermann. 2,163,034; June 20.
Fluid pressure brake. J. Guillemin Tarayre and A. Neveu. 2,165,989; July 11.
Fluid pressure clutch. E. P. Gosling and F. J. Bittermann. 2,163,033; June 20.
Fluid pressure control system. S. M. Parker. 2,184,057; Dec. 19.
Fluid pressure controlled switch. A. Clarkson. 2,182,450; Dec. 5.
Fluid pressure device. J. C. Cotner. 2,150,266; Mar. 14.
Fluid pressure driving and reversing mechanism. G. F. Magiott. 2,172,981; Sept. 12.
Fluid pressure generator. V. E. Clarke. 2,149,667; Mar. 7.
Fluid pressure operated apparatus. K. E. Evrell. 2,154,038; Apr. 11.
Fluid pressure operated apparatus and fluid control valve therefor. H. E. Heigis. 2,185,103; Dec. 26.
Fluid pressure operated jack. S. M. Parker. 2,144,892–3; Jan. 24.
Fluid pressure producing device. H. C. Bowen. 2,180,455; Nov. 21.
Fluid pressure producing device. H. C. Bowen. 2,185,072; Dec. 26.
Fluid-pressure-producing device. O. H. Fowler. 2,169,524; Aug. 15.
Fluid pressure producing device. C. V. Gardner. 2,152,350; Mar. 28.
Fluid pressure regulator. H. J. Baker and W. F. Mesinger. 2,161,544; June 6.
Fluid pressure system. H. C. Bowen. 2,161,279; June 6.
Fluid pressure system. F. E. Brady. 2,183,421; Dec. 12.
Fluid pressure system. R. M. Nardone. 2,177,044; Oct. 24.
Fluid pump. E. R. Barrett. 2,176,322; Oct. 17.
Fluid pump. C. J. Lane. 2,142,275; Jan. 3.
Fluid pump. L. A. Thomson. 2,161,729; June 6.
Fluid pump. G. A. Wahlmark. 2,184,133; Dec. 19.
Fluid pump, Electrically driven. G. Székely. 2,143,391; Jan. 10.
Fluid pump, Motor driven. C. H. Auger and S. R. Puffer. 2,153,360; Apr. 4.
Fluid pump, Rotary. T. F. Thompson. 2,142,385; Jan. 3.
Fluid pumping arrangement. R. W. Tibbetts. 2,180,441; Nov. 21.
Fluid release device. W. F. Bettis. 2,149,659; Mar. 7.
Fluid responsive device. O. F. Carlson. 2,142,435; Jan. 3.
Fluid retarding or braking device. F. A. Deutsch. 2,182,016; Dec. 5.
Fluid segregating apparatus. D. Samiran. 2,167,682; Aug. 1.
Fluid spraying apparatus. J. A. Paasche. 2,176,356; Oct. 17.
Fluid supply, Controlling. F. Gawan. 2,181,422; Nov. 28.
Fluid tank. F. V. Hartman. 2,154,044; Apr. 11.
Fluid-tar and sludge from hot newly made water gas, Separating. C. H. Printz. 2,180,848; Nov. 21.
Fluid transfer mechanism. O. L. Starr. 2,145,533; Jan. 31.
Fluid-treating apparatus and seal, Centrifugal. W. J. Podbielniak. 2,172,222; Sept. 5.
Fluid treatment apparatus. F. B. Barclay and H. E. May, Jr. 2,172,951; Sept. 12.
Fluids, Apparatus for controlling the temperature of. C. and F. Danuser. 2,159,257; May 23.
Fluids, Apparatus for dispensing. J. H. Cox. 2,148,730; Feb. 28.
Fluids, Apparatus for mixing. G. M. E. Pos. 2,168,363; Aug. 8.
Fluids, Apparatus for reclaiming drilling. J. V. Henst. 2,142,270; Jan. 3.
Fluids by adsorption, Apparatus for recovering. L. A. Logan. 2,174,666; Oct. 3.
Fluids, Cleaning oil well drilling. R. and M. F. Cross. 2,156,333; May 2.
Fluids, Condensing. E. F. Renken. 2,157,436; May 9.
Fluids, Controlling the flow of. R. Godfrey. 2,149,673; Mar. 7.
Fluids, Device for treating. M. M. Cory. 2,154,807; Apr. 18.

Fluids, Fractionation of proteinaceous. T. D. Gerlough. 2,161,861; June 13.
Fluids from containers, Dispensing. L. Campbell, Jr. 2,165,342; July 11.
Fluids, Heating of. M. W. Barnes. 2,146,497; Feb. 7.
Fluids, Heating of. D. J. Bergman. 2,149,831; Mar. 7.
Fluids, Heating of. J. B. Heid. 2,182,586; Dec. 5.
Fluids, Heating of. L. A. Mekler. 2,147,662; Feb. 21.
Fluids, Method of and apparatus for controlling the flow of. H. Ziebolz and H. J. Velten. 2,169,174–5; Aug. 8.
Fluids, Mixing and control device for. W. S. Trader, C. H. Hamilton, and W. H. Finley. 2,158,342; May 16.
Fluids, particularly milk from containers, Controlled delivery of. G. H. Gascoigne and J. R. Knox. 2,176,527; Oct. 17.
Fluids, Process and apparatus for interacting. E. W. Gard and B. G. Aldridge. 2,170,496; Aug. 22.
Fluids, Separation and treatment of. R. C. Lassiat. 2,180,361; Nov. 21.
Fluids, Transferring apparatus for high pressure fluids. P. J. Feykert and J. J. Molinari. 2,146,948; Feb. 14.
Fluids under pressure, Flowing. J. D. Nixon. 2,171,478; Aug. 29.
Flume control mechanism, Beet. G. J. Daley. 2,165,349; July 11.
Flume, Metal. R. M. Soper. 2,150,466; Mar. 14.
Fluoborate compounds, Production of. H. W. Heiser. 2,182,511; Dec. 5.
Fluorescent lamp. H. W. Myers. 2,181,305; Nov. 28.
Fluorescent lamp. S. Ruben. 2,170,066; Aug. 22.
Fluorescent screen. G. R. Fonda. 2,177,701; Oct. 31.
Fluorescent sign lamp. N. T. Gordon. 2,177,710; Oct. 31.
Fluorides and particularly of beryllium fluoride, Manufacture of soluble metallic. C. Adamoli. 2,145,329; Jan. 31.
Fluorides and preparing the same, Dialkylaminophosphorus. G. Schrader and O. Bayer. 2,146,356; Feb. 7.
Fluorides from water, Removal of. O. M. Urbain and W. R. Stemen. 2,157,509; May 9.
Fluorides of alkali metals and aluminum, Production of double. H. W. Heiser. 2,182,509–10; Dec. 5.
Fluorine compounds from bone liquors, Removal of. M. H. Merchant. 2,176,464; Oct. 17.
Fluorine compounds, Preparing aliphatic. O. Scherer. 2,146,354; Feb. 7.
Fluorine containing layer on light metals. J. Söll. 2,162,129; June 13.
Fluoroscope for the oral cavity and making the same. A. F. Conto. 2,179,249; Nov. 7.
Fluorspar, Sintering finely divided. R. W. Hyde. 2,184,078; Dec. 19.
Flush regulator, Adjustable. F. O'Neill and G. L. Robertson. 2,168,742; Aug. 8.
Flush tank. S. E. Hopper. 2,145,601; Jan. 31.
Flush tank valve. F. J. Pardieck. 2,174,706; Oct. 3.
Flush tank valve. F. S. Reed. 2,175,973; Oct. 10.
Flush valve. E. F. Metzger. 2,145,772; Jan. 31.
Flush valve. H. Wesson. 2,164,760; July 4.
Flushing device for water closets. W. Scott. 2,177,121; Oct. 24.
Flushing valve. W. S. White. 2,183,601; Dec. 19.
Flux and process of fluxing, Soldering. W. H. Holst. 2,149,963; Mar. 7.
Flux composition. L. Cinamon and S. Sklarew. 2,174,551; Oct. 3.
Flux container. J. Marschall. 2,142,402; Jan. 3.
Flux for automatic welding apparatus. A. R. Allard. 2,149,491; Mar. 7.
Flux for use in electric welding, Making. L. T. Jones, H. E. Kennedy, and M. A. Rotermund. 2,150,625; Mar. 14.
Flux for welding magnesium and magnesium alloys. J. M. Michel. 2,171,041; Aug. 29.
Flux, Soldering. W. H. Holst. 2,149,962; Mar. 7.
Flux, Welding. W. B. Miller. 2,164,775; July 4.
Flux, Welding electrode. A. P. Johnston. 2,154,816; Apr. 18.
Fly-book case. G. D. Schweigert. 2,156,740; May 2.
Flyleaf construction for ring binders. J. Schade. 2,179,757; Nov. 14.
Flypaper holder. J. A. Blair. 2,154,431; Apr. 18.
Fly remover for doorways. A. J. Carlson. 2,173,710; Sept. 19.
Fly trap. W. G. Bruce. 2,181,595; Nov. 28.
Flyer frame for textile rovings. F. Casablancas. 2,180,792; Nov. 21.
Flying cutting device. K. W. Hallden. 2,144,308; Jan. 17.
Flying object and apparatus for its simulated flight. W. F. Barry. 2,168,384; Aug. 8.
Foam and froth from the surfaces of fluids and semi-fluids, Eliminating. E. Fladmark. 2,151,963; Mar. 28.
Foam for fire extinction, Method of and apparatus for producing. A. V. Sammis. 2,158,015; May 15.
Foam-forming constituents from liquids, Separation of. R. A. Dole and J. W. McBain. 2,162,379; June 13.
Foam, Method and apparatus for generating. H. Burmeister. 2,143,138; Jan. 10.
Foam, Method and apparatus for producing fire extinguishing. L. G. M. Timpson. 2,146,605; Feb. 7.
Foam, Preparing fire-extinguishing. K. Daimler, M. Paquin, and W. Riedelsberger. 2,165,997; July 11.
Foam remover. E. J. Kurtbein. 2,171,853; Sept. 5.
Foam stabilizing agent. C. B. Holter and E. L. Stewart. 2,166,008; July 11.
Foaming in systems containing gelatine, Inhibiting of. M. L. Piker and S. C. Pool. 2,161,747; June 6.
Focusing arrangement for cameras. R. E. Crowther. 2,153,132; Apr. 4.
Focusing device for incandescent studio spotlights. C. R. Erickson. 2,177,639; Oct. 31.
Focusing device for microscopes. R. D. Allison. 2,166,034; July 11.
Focusing means for incandescent studio spotlights. J. C. Rose. Re. 21,089; May 16.
Focusing mechanism. O. E. Trautmann. 2,155,570; Apr. 25.
Fodder and making the same. L. H. Smith and C. F. Schnabel. 2,143,835; Jan. 10.
Fodder, Process and media for the preservation of green. G. Pfeiffer. 2,160,167–8; May 30.
Fodder, Siloing green. F. Schmidt. 2,162,922; June 20.
Fog and mist penetrating device. A. J. Cawley. 2,155,471; Apr. 25.
Fog eliminating apparatus for rock drills. E. H. Dickenson. 2,152,176; Mar. 28.
Fog inhibitor for photographic emulsions. S. E. Sheppard and W. Vanselow. 2,150,702; Mar. 14.
Fog inhibitor for photographic emulsions. S. E. Sheppard and W. Vanselow. 2,158,204; May 16.
Fog inhibitors for photographic emulsions. S. E. Sheppard and W. Vanselow. 2,143,802; Jan. 10.
Fog or mist by partial and flameless combustion, Producing. P. Kronenberg. 2,173,756; Sept. 19.
Foil for X-ray photography, Intensifying. K. Würstlin. 2,144,040; Jan. 17.
Foil gauge. C. M. Hathaway. 2,155,267; Apr. 18.
Foil strip and the like, Method of and apparatus for feeding. E. N. Trump and A. D. Hallett. 2,175,416; Oct. 10.
Foils and plates, particularly from highly elastic polymerization product, Apparatus for the production of. A. Kämpfer. 2,175,961; Oct. 10.
Foils, films, and similar products, Printing of artificial. W. H. Moss. 2,165,499; July 11.
Fold former for neckties. J. Rodgers. 2,148,582; Feb. 28.
Fold-making machine. L. Hopkins. 2,157,900; May 9.
Foldable box. W. N. Comley. 2,174,687; Oct. 3.
Foldable box, Article holding. J. S. Innis. 2,153,538; Apr. 11.
Foldable cabinet. E. Zimmern. 2,167,861; Aug. 1.
Foldable chair. R. J. Angers. 2,147,958; Feb. 21.
Foldable chair. J. A. Barie. 2,165,529; July 11.
Foldable seat. F. F. Krause. 2,147,100; Feb. 14.
Foldable slicing board. J. M. Wilson. 2,159,945; May 23.
Foldable structure. F. C. Vance. 2,147,564; Feb. 14.
Folded box. P. Flach. 2,143,308; Jan. 10.
Folder, Advertising. M. B. Levy. 2,156,815; May 2.
Folder construction for sheet music or the like. A. P. Gruner. 2,160,205; May 30.
Folder, Filing cabinet. E. W. Larson and C. C. McCain. 2,172,444; Sept. 12.
Folder for printing machines. A. M. Zuckerman. 2,164,370; July 4.
Folder, Novelty. W. Franke. 2,168,025; Aug. 1.
Folder, Reinforced file. F. J. Yawman. Re. 21,205; Sept. 12.
Folder, Vertical file. J. T. Quigley. 2,151,717; Mar. 28.
Folding box. R. H. Bauman. 2,175,513; Oct. 10.
Folding box. A. Bennett. 2,177,856; Oct. 31.
Folding box. C. Burel. 2,160,643; May 30.
Folding box. H. E. Cole. 2,169,065; Aug. 8.
Folding box. R. W. Hoag. 2,147,898; Feb. 21.
Folding box. R. W. Hoag. 2,150,443; Mar. 14.
Folding box. R. W. Hoag. 2,158,578; May 16.
Folding box. R. W. Hoag. 2,159,378; May 23.
Folding box. R. W. Hoag. 2,161,675; June 6.
Folding box. H. Pabst. 2,149,625; Mar. 7.
Folding box. S. Reich. 2,165,906; July 11.
Folding box. I. M. Rudowitz. 2,142,921; Jan. 3.
Folding box. M. E. Seifer. 2,147,503; Feb. 14.
Folding card table. K. O. Muehlberg. 2,167,158; July 25.
Folding chair. T. T. Johnson. 2,182,761; Dec. 5.
Folding chair. H. P. Nordmark. 2,177,186; Oct. 24.
Folding chair. A. B. Park. 2,152,149; Mar. 28.
Folding chair. W. W. Witman. 2,178,195; Oct. 31.
Folding container. R. W. Krout. 2,183,681; Dec. 19.
Folding display. H. Ziemmerman. 2,164,860; July 4.
Folding ironing board. W. A. Snyder. 2,175,734; Oct. 10.
Folding machine. P. H. Dixon. 2,147,735; Feb. 21.
Folding machine. E. F. Folger. 2,145,592; Jan. 31.
Folding machine. H. B. Miller. 2,147,749; Feb. 21.
Folding machine. E. N. Neckel. 2,177,262; Oct. 24.
Folding machine, Automatic. R. W. Charles, J. George, and P. A. Spilios. 2,158,896; May 16.
Folding packaging receptacle. P. M. Ressinger. 2,166,265; July 18.
Folding paper box. W. E. Stonecypher. 2,171,051; Aug. 29.
Folding seat. W. T. Ashe and P. Baines. 2,152,014; Mar. 28.
Folding steering wheel. R. Gerardy. 2,155,123; Apr. 18.
Folding step chair. M. V. Lilliston. 2,147,905; Feb. 21.

Folding table. O. C. Bristow. 2,178,248; Oct. 31.
Folding table. C. L. Noelcke, Sr. 2,175,968; Oct. 10.
Folding table. W. C. Rastetter. 2,145,734; Jan. 31.
Folding table. W. P. De Saussure, Jr. 2,150,878; Mar. 14.
Folding table. V. O. Stebbins. 2,177,295; Oct. 24.
Folding table. W. W. Swett. 2,158,950; May 16.
Folding table. L. R. Vinding. 2,168,813; Aug. 8.
Folding table. W. H. York. 2,167,342; July 25.
Folding table, Adjustable. R. M. Owen. 2,150,397; Mar. 14.
Follow-up. W. H. Newell. 2,173,656; Sept. 19.
Follow-up device. T. M. Berry. 2,167,484; July 25.
Follower for card files. W. M. Gerkey. 2,163,319; June 20.
Follower for filing cabinets. A. C. Strayer. 2,166,026; July 11.
Follower for vertical files. C. F. Wolters. 2,159,415; May 23.
Food and making same, Citrus-cereal breakfast. R. Bustamante. 2,147,521; Feb. 14.
Food and producing the same, Stock. H. Fattinger. 2,170,713; Aug. 22.
Food, Article of. F. H. Callahan. 2,161,910; June 13.
Food, Article of G. F. Humphrey. 2,147,098; Feb. 14.
Food baster. J. H. Olexsy. 2,142,800; Jan. 3.
Food comminuting machine. G. Satzinger. 2,142,480; Jan. 3.
Food composition. T. J. Otterbacher. 2,163,913; June 27.
Food compound. T. J. Otterbacher. 2,171,244; Aug. 29.
Food concentrate of papaya. L. L. Matoush. 2,178,593; Nov. 7.
Food cooking apparatus. J. D. Ferry. 2,150,273; Mar. 14.
Food cooking or frying machine. F. De Fazi. 2,147,335; Feb. 14.
Food decoration and making the same. E. D. Kowal. 2,172,084; Sept. 5.
Food extract from yeast, Manufacture of. J. H. Millar. 2,149,306; Mar. 7.
Food handling apparatus. H. L. Johnston. 2,151,852; Mar. 28.
Food handling apparatus. D. A. Meeker and J. C. Slager. 2,151,862; Mar. 28.
Food handling apparatus. D. A. Meeker and R. C. Geiger. 2,185,155–6; Dec. 26.
Food impelling mechanism. J. D. Ferry. 2,170,775; Aug. 22.
Food materials, Process and composition for treating. L. A. Dils. 2,185,053; Dec. 26.
Food materials, Stabilization of. S. Musher. 2,176,026; Oct. 10.
Food materials, Treatment of. W. W. Cowgill. 2,158,354; May 16.
Food mixer. C. Aalborg. 2,169,014; Aug. 8.
Food molding machine. H. King. 2,176,905; Oct. 24.
Food, Packing frozen. L. J. McGrath and W. L. Hall. 2,161,071; June 6.
Food pellets, Apparatus for preparing. A. C. Helm. 2,178,009; Oct. 31.
Food, Poultry. B. B. McHan. 2,152,438; Mar. 28.
Food preparation and making the same. A. Wertheimer. 2,157,839; May 9.
Food preparer. E. F. Martinet. 2,143,202; Jan. 10.
Food preparer. E. F. Martinet. 2,169,323; Aug. 15.
Food preparing and handling apparatus. J. D. Ferry. 2,174,555; Oct. 3.
Food processing, Apparatus for. J. Mills. 2,145,268; Jan. 31.
Food product. L. R. Ferguson. 2,178,569; Nov. 7.
Food product. A. Musher. 2,170,155; Aug. 22.
Food product. E. Ott. 2,152,602; Mar. 28.
Food product. L. Wickenden and W. Baptiste. 2,163,164; June 20.
Food product and making it. J. H. Forkner. 2,157,485; May 9.
Food product and making same. R. B. and R. H. Haskins, Jr. 2,168,934; Aug. 8.
Food product and making the same. S. W. Alderfer. 2,166,278; July 18.
Food product and method of ice glazing same, Frozen. W. D. Hergert. 2,145,393; Jan. 31.
Food product and producing the same. P. A. Watson. 2,168,724; Aug. 8.
Food product, Apparatus for manufacturing a. E. W. Noxon and K. E. Garrison. 2,155,952; Apr. 25.
Food product, Concentrated. A. Musher. 2,168,360; Aug. 8.
Food product from cocoa powder, grape sugar (dextrose), and mineral salts, Manufacture of a. L. Roselius. 2,147,549; Feb. 14.
Food product from distiller's slop, Self-preserving semi-solid. W. P. M. Grelck. 2,158,043; May 9.
Food product, Making. W. E. Baier. 2,147,960; Feb. 21.
Food product, Manufacturing. C. A. Raymond 2,160,902; June 6.
Food product package. J. V. A. Hasbrook. 2,179,504; Nov. 14.
Food product, Preparing a. E. G. Jansen. 2,176,347; Oct. 17.
Food product preparing machine. C. G. Ellis. 2,144,182; Jan. 17.
Food product, Producing a bacon rind. G. A. Darrow. 2,179,616; Nov. 14.
Food products and products produced thereby, Making. C. R. Cooper. 2,145,108; Jan. 24.
Food products, Apparatus for coating. J. Clark. 2,182,068; Dec. 5.
Food products, Apparatus for dehydrating. F. S. Chilton. 2,172,059; Sept. 5.
Food products, Apparatus for marking. A. J. Freeman. 2,169,412; Aug. 15.
Food products, Apparatus for quick freezing of. C. J. Conn. 2,153,742; Apr. 11.
Food products, Deaerating and irradiating liquid food. H. C. Stephens and S. B. Hoar. 2,151,645; Mar. 21.
Food products, Deaerating liquid. H. C. Stephens. 2,151,644; Mar. 21.
Food products, Freezing. C. J. Conn. 2,162,213; June 13.
Food products, Method and apparatus for quick freezing of. C. J. Conn. 2,184,990; Dec. 26.
Food products, Preparing pickled. L. J. Kelly, W. G. Mueller, and V. L. Brunette. 2,181,239; Nov. 28.
Food products, Process of and apparatus for sterilizing. H. Heuser. 2,174,659; Oct. 3.
Food products, Producing vitamin. A. E. Briod and B. R. East. 2,150,315; Mar. 14.
Food products, Quick freezing of. C. J. Conn. 2,184,954; Dec. 26.
Food products, Sterilizing. G. Grindrod. 2,170,196; Aug. 22.
Food products, Treating. S. H. Ayers and C. W. Lang. 2,168,506; Aug. 8.
Food products, Treatment of. C. J. Conn. 2,162,214; June 13.
Food spread base. A. K. Fisher and L. F. Culkin. 2,143,651; Jan. 10.
Foodstuff for animals, Production of predigested vegetable. C. S. Townsend. 2,168,722; Aug. 8.
Foodstuffs and the like, Apparatus for irradiating. O. H. Bigg. 2,181,293; Nov. 28.
Foodstuffs, Apparatus for cooking or heating. H. D. Galvin. 2,176,811; Oct. 17.
Foodstuffs, Apparatus for packing. W. de Back. 2,180,349; Nov. 21.
Foodstuffs, Apparatus for treating. O. H. Biggs. 2,145,196; Jan. 24.
Foodstuffs, Method and apparatus for preservation of perishable. D. W. Griswold. 2,182,556; Dec. 5.
Foodstuffs, Preparation of leguminous. R. G. Gates. 2,182,175; Dec. 5.
Foodstuffs, Preservation of. R. Thilenius. 2,150,616; Mar. 14.
Foodstuffs, Treating. C. E. Evans. 2,179,327; Nov. 7.
Food warming table. J. L. Shroyer. 2,182,682; Dec. 5.
Food with refrigerant, Washing. R. B. Taylor. 2,172,417; Sept. 12.
Foods and beverages, Fluid charging of. W. B. Threm. 2,160,043; May 30.
Foods and the preservation thereof, Flesh. C. A. Hedreen and H. R. Beard. 2,151,967; Mar. 28.
Foods, Apparatus for freezing and cooling. C. A. Bulkeley and M. H. Olstad. 2,175,176; Oct. 10.
Foods, Deep-fat frying of. K. E. Bemis. 2,177,166; Oct. 24.
Foods, Freezing. R. B. Taylor. 2,164,362; July 4.
Foods, Processing canned. O. W. Lang and H. C. Betts. 2,182,383; Dec. 5.
Foods, Stabilization of. S. Musher. 2,176,030; Oct. 10.
Football and like games, Practice apparatus for. R. M. Evans. 2,162,073; June 13.
Football charging machine. R. A. Noor. 2,183,465; Dec. 12.
Football practice device. J. Mazza. 2,153,384; Apr. 4.
Foot control. W. J. Smith. 2,162,183; June 13.
Foot-controlled directional light switch. W. S. Overly. 2,169,161; Aug. 8.
Foot exerciser. J. A. Cunningham. 2,160,722; May 30.
Foot for adding machines, Supporting. W. A. Anderson. 2,172,004; Sept. 5.
Foot for expansion joint setting apparatus. G. T. Nelson. 2,153,475; Apr. 4.
Foot impressions, and product thereof, Obtaining effective. A. E. Murray. 2,177,304; Oct. 24.
Foot manipulator, Orthopedic. C. Owens. 2,148,322; Feb. 21.
Foot-measuring device. N. and L. Hack, and T. L. D. Lynxwiler. 2,175,116; Oct. 3.
Foot measuring machine. H. N. Wheeler. 2,181,930; Dec. 5.
Foot protector. G. A. Moriarty. 2,157,423; May 9.
Foot-relief pad. W. M. Scholl. 2,148,882; Feb. 28.
Footrest. H. C. Stoll. 2,175,488; Oct. 10.
Footrest, Adjustable. E. G. Eccles. 2,177,174; Oct. 24.
Foot-sole-contour determining apparatus. E. Matthias. 2,160,027; May 30.
Foot valve extractor. C. Groen. 2,145,441; Jan. 31.
Footwear. H. Auerbach. 2,160,692; May 30.
Footwear. L. Brown. 2,148,602; Feb. 28.
Footwear. H. S. Davis. 2,169,337; Aug. 15.
Footwear. L. J. Golden. 2,162,008; June 13.
Footwear. R. Maling. 2,150,385; Mar. 14.
Footwear. E. B. Ward. 2,165,749; July 11.
Footwear and making same. P. J. Costigan. 2,167,274; July 25.
Footwear and making the same. A. F. Donovan. 2,147,887; Feb. 21.

Footwear, Corrective. C. E. Turner. 2,160,238; May 30.
Footwear, Making. L. E. Speier. 2,177,603; Oct. 24.
Footwear, Manufacture of. D. W. Farrington. 2,144,330; Jan. 17.
Footwear, Manufacture of. H. B. Gorman. 2,145,348; Jan. 31.
Footwear, Manufacture of. H. B. Gorman. 2,157,982; May 9.
Footwear, Manufacture of. A. Szerenyi. 2,178,086; Oct. 31.
Footwear protecting device. G. H. Quennard. 2,149,102; Feb. 28.
Footwear, Rubber. E. W. Dunbar. 2,180,924; Nov. 21.
Footwear traction device. M. Glenn. 2,170,138; Aug. 22.
Footwear with foot-supporting plate, Orthopedic. M. Šarčević. 2,151,720; Mar. 28.
Foot well for baby carriages. J. Michal. 2,153,471; Apr. 4.
Foots-removing means for expressing presses. C. B. Upton. 2,154,965; Apr. 18.
Force feed lubricator. E. O. Corey. 2,183,986; Dec. 19.
Force feed lubricator. J. C. McCune. 2,163,433; June 20.
Force measuring device. L. E. Wilson. 2,157,723; May 9.
Force-multiplying machine, Hydraulic. W. H. Spire. 2,162,133; June 13.
Force regulating system. W. G. Cook. 2,182,659; Dec. 5.
Forced circulation vapor generator. T. Zwilling. 2,170,790; Aug. 22.
Forcer tube. F. W. Walch. 2,184,573; Dec. 26.
Forceps, Dental. C. R. Burnett. 2,175,952; Oct. 10.
Forehearth for molten glass. W. T. Honiss. 2,144,973; Jan. 24.
Forging device. D. W. Hart and E. F. Wickens. 2,163,786; June 27.
Forging, Impact. A. H. Oelkers. 2,170,519; Aug. 22.
Forging machine. C. Clausen. 2,178,032; Oct. 31.
Fork, Barbecue. E. E. Sax. 2,178,971; Nov. 7.
Fork, Butter. N. Andros. 2,167,411; July 25.
Fork, Can handling. H. A. Stalkfleet. 2,151,281; Mar. 21.
Fork construction. C. G. Eckhold. 2,170,966; Aug. 29.
Fork head, Hay. B. H. Lantz. 2,155,137; Apr. 18.
Form and envelope, Combination business. H. L. Johnson. 2,166,439; July 18.
Form and envelope, Stationery. P. C. Wanser. 2,148,887; Feb. 28.
Form and fixture, Window display. A. G. Anderson. 2,142,547; Jan. 3.
Form and hanger, Hat. G. J. Kraft. 2,182,924; Dec. 12.
Form and holder, Necktie. C. R. McKenzie. 2,160,887; June 6.
Form and reinforced concrete construction, Internal. H. M. Hadley. 2,179,554; Nov. 14.
Form apparatus for concrete construction. J. Lundin. 2,170,564; Aug. 22.
Form attachment for garment hangers, Collar. O. Christensen and E. A. Sperry. 2,171,301; Aug. 29.
Form, Bust. J. B. Pitcher. 2,156,512; May 2.
Form clamp. H. P. Neptune. 2,161,379; June 6.
Form clamp. H. P. Neptune. 2,168,714; Aug. 8.
Form clamp. C. T. Whitescarver. 2,172,461; Sept. 12.
Form, Coat sleeve. M. M. Uhley. 2,155,812; Apr. 25.
Form, Collapsible. F. L. Johnson. 2,149,604; Mar. 7.
Form, Concrete. L. W. Westcott. 2,163,222; June 20.
Form, Concrete wall. J. Ormstead. 2,157,800; May 9.
Form, Concrete wall. R. F. Phillips. 2,165,905; July 11.
Form, Damper and throat. D. C. Klann. 2,174,888; Oct. 3.
Form, Decorative display. A. G. Anderson. 2,142,548–9; Jan. 3.
Form, Display. L. L. Greneker. 2,181,325; Nov. 28.
Form, Dress display. J. D. Smith and P. B. McMillen. 2,167,161; July 25.
Form, Dressmaker. F. Brown. 2,158,895; May 16.
Form for box wrapping machines, Automatic punching. C. E. Bartram. 2,148,723; Feb. 28.
Form for concrete and the like walls and method. S. Cascio. 2,157,688; May 9.
Form for concrete curb and gutter work. W. G. Winding. 2,180,842; Nov. 21.
Form for concrete structures. M. Winandy. 2,149,653; Mar. 7.
Form for dams or the like, Movable. J. D. Jessen. 2,162,220; June 13.
Form for footwear, Display. F. W. Estey. 2,169,835; Aug. 15.
Form for making dress shields and the like. A. N. Spánel. 2,173,343; Sept. 19.
Form for making rubber garments. A. N. Spánel. 2,158,206; May 16.
Form for molding concrete pipes. J. Arborio. 2,181,958; Dec. 5.
Form, Garment display. S. and G. Messer. 2,177,836; Oct. 31.
Form grinding apparatus. C. G. Flygare. 2,179,211; Nov. 7.
Form grinding machine. C. Booth. 2,178,848; Nov. 7.
Form, Hosiery. W. J. De Witt. 2,145,921; Feb. 7.
Form, Manifold. G. L. Fulk. 2,143,621–3; Jan. 10.
Form, Necktie. C. A. Chapel. 2,170,707; Aug. 22.
Form producing machine. C. A. Bickel. 2,184,684; Dec. 26.
Form separator mechanism. R. Minkow. 2,159,285; May 23.
Form, Shirt. S. A. Harpman. 2,147,576; Feb. 14.
Form, Shoe. W. J. De Witt. 2,142,240; Jan. 3.
Form, Shoe. W. J. De Witt. 2,153,794; Apr. 11.
Form, Shoe. W. J. De Witt. 2,173,933–4; Sept. 26.
Form, Shoe. W. F. Kuster. 2,144,381; Jan. 17.
Form, Stocking drying. G. P. Pfaffle. 2,153,050; Apr. 4.
Form structure for concrete walls. A. H. Symons. 2,162,869; June 20.
Form tie. D. C. Hungerford. 2,168,990; Aug. 8.
Form tie clamp. T. C. Schenk. 2,173,698; Sept. 19.
Form tie-extracting means. S. S. Colt. 2,183,806; Dec. 19.
Form, Toe. W. J. De Witt. 2,148,539; Feb. 28.
Formation display device. V. C. Hurt. 2,158,368; May 16.
Formation tester. L. Bowen. 2,158,569; May 16.
Formation, Treating a producing. R. E. Lee. 2,171,416; Aug. 29.
Forming and finishing tool. R. P. Lambright. 2,181,137; Nov. 28.
Forming apparatus. A. S. Liss. 2,146,828; Feb. 14.
Forming-die assembly for continuous-casting apparatus. D. K. Crampton and C. Thulin. 2,176,991; Oct. 24.
Forming machine. G. H. Hartman and J. S. Burden. 2,149,173; Feb. 28.
Forming machine. C. E. Thomas. 2,151,246; Mar. 21.
Forming machine, Fluid actuated rolled. J. D. Kreis and E. W. McKinney. 2,182,401; Dec. 5.
Forming machine for glass bottles, jars, and the like. T. F. Pearson. 2,163,103; June 20.
Forming machine for glassware. T. F. Pearson. 2,180,766; Nov. 21.
Forming tool. R. C. Kivley and G. Stuhlfauth. 2,172,351; Sept. 12.
Forming tool. T. F. Saffady. 2,183,796; Dec. 19.
Forms, Apparatus for forming sheet metal. J. L. Auble. 2,143,429; Jan. 10.
Forms for intaglio printing, Photomechanical manufacture of printing. J. Görig. 2,159,588; May 23.
Forms, Making manifold. J. B. Fulk. 2,154,157; Apr. 11.
Forms, Multiple. G. L. Fulk. 2,172,870; Sept. 12.
Formaldehyde, Refining and concentrating crude. J. C. Walker. 2,153,526; Apr. 4.
Formula finding device. G. E. Roeder. 2,166,372; July 18.
Formylmethylene compounds, Heterocyclic. L. G. S. Brooker. 2,165,692; July 11.
Formylmethylene derivatives. L. G. S. Brooker. 2,165,218; July 11.
Foundation. A. L. Finkelstein. 2,145,789; Jan. 31.
Foundation construction. W. J. Newman. 2,146,645; Feb. 7.
Foundation, Preparing an earthen. J. A. Sourwine. 2,162,185; June 13.
Foundation structure for bridges, piers, docks, sea walls, and the like, Forming a. V. Schiavi. 2,144,939; Jan. 24.
Foundations, Making building. A. T. Levy. 2,150,176; Mar. 14.
Foundry mold. W. W. Cooper. 2,163,373; June 20.
Fount, Chick. W. A. Zaloudek. 2,144,174; Jan. 17.
Fountain. B. Jones and J. S. Hamel. 2,160,474; May 30.
Fountain. E. G. Trowbridge. 2,167,055; July 25.
Fountain attachment, Faucet drinking. J. R. Hunneman. 2,144,062; Jan. 17.
Fountain, Drinking. H. S. Steen. 2,177,444; Oct. 24.
Fountain for duplicating painting machines. A. M. Hardin. 2,165,139; July 4.
Fountain head, Drinking. R. H. Zinkil, E. A. Fredrickson, and E. W. Marchand. 2,172,306; Sept. 5.
Fountain, Ink. C. D. Baue. 2,161,943; June 13.
Fountain, Ink. H. C. Behrens. 2,157,587; May 9.
Fountain, Ink. E. F. Dudley. 2,169,681; Aug. 15.
Fountain, Portable drinking. J. R. Hunneman. 2,145,306; Jan. 31.
Fountain pump. M. E. Davis. 2,163,194; June 20.
Fountain, Poultry. T. Perri. 2,162,314; June 13.
Fountain, Sanitary. G. E. Wilson. 2,166,982; July 25.
Fountain, Self-cleaning water. T. R. Hobbs. 2,165,753; July 11.
Fountain, Soda. F. H. Tweed. 2,157,154; May 9.
Fountain striping device. C. E. Burkey. 2,151,682; Mar. 28.
Four cone bit. F. L. Scott. 2,147,926; Feb. 21.
Fourdrinier suction box assembly, Movable. B. A. Malkin. 2,145,226; Jan. 24.
Fourdrinier manufacture. A. Purves. 2,170,308; Aug 22.
4,5-dichloro phthalonitrile and making it. J. S. H. Davies and W. O. Jones. 2,174,568; Oct. 3.
4,4′-tricarbocyanine salts and their preparation. L. G. S. Brooker. 2,165,337; July 11.
4-nitro-2-amino-1-hydroxynaphthalene sulphonic acids and making same. F. Straub, H. Schneider, and P. Pieth. 2,149,474; Mar. 7.
Fowl, Apparatus for plucking. O. H. Crapo. 2,154,420; Apr. 18.
Fowl carcasses, and the article produced, Preserving. H. R. McCleary. 2,174,924; Oct. 3.
Fowls, Preserving drawn and dressed. S. J. Bailey. 2,174,649; Oct. 3.
Fractionating apparatus. C. A. Thomas. 2,153,599; Apr. 11.

Fractionating apparatus. C. A. Thomas. 2,167,395; July 25.
Fractionating method. J. H. W. R. van Tonningen. 2,149,943; Mar. 7.
Fractionating, Process and apparatus for. M. R. Fenske. 2,180,512; Nov. 21.
Fractionation. P. D. Barton. 2,175,590; Oct. 10.
Fracture setting appliance. F. W. McCall and E. M. Sheets. 2,180,251; Nov. 14.
Frame: *See*—
Automobile frame.
Bag frame.
Bicycle frame.
Brace and braced frame.
Car truck frame.
Car truck side frame.
Clothes drying frame.
Crusher frame.
Display frame.
Distributing frame.
Drafting frame.
Engine frame.
Eyeglass frame.
Flat knitting frame.
Furniture frame.
Glass-supporting metallic frame.
Harness frame.
Harvester frame.
Heddle bar frame.
Heddle frame.
Hive frame.
Honeycomb frame.
Hyperextension frame.
Leather frame.
Member and escutcheon frame.
Motor vehicle frame.
Movable suspension frame.
Photograph printing frame.
Picture frame.
Quarry drill frame.
Quilting frame.
Reinforced handbag frame.
Retouching and stripping frame.
Ring spinning frame.
Seat frame.
Shade and lamp shade frame.
Spinning frame.
Structural frame
Suction printing frame.
Surgical reducing frame.
Tractor frame.
Truck side frame.
Umbrella frame.
Vacuum frame.
Vehicle chassis frame.
Vehicle frame.
Washing machine head frame.
Weaving frame.
Window frame.
Yarn presentation frame.
Frame. G. Matthews and H. E. Churchill. 2,163,694; June 27.
Frame. W. B. Morris. 2,143,608; Jan. 10.
Frame and floating body, Prismatic. J. S. Abell. 2,161,219; June 6.
Frame and stand construction. Bicycle. H. L. Kraeft. 2,161,823; June 13.
Frame and structural member, Automobile. R. H. Maddock. 2,177,991; Oct. 31.
Frame, Building construction. H. J. Kuppers. 2,142,692; Jan. 3.
Frame for a glider or the like. L. Yavrik. 2,160,927; June 6.
Frame for fire screens, etc. L. M. Burr, Jr. 2,152,374; Mar. 28.
Frame for fire screens, etc. H. B. Cranshaw. 2,152,584; Mar. 28.
Frame for luggage cases, Garment supporting. A. Levine. 2,181,334; Nov. 28.
Frame for photographs and the like, Mounting. G. Perera and R. C. Myles, Jr. 2,166,641; July 18.
Frame for pictures and the like, Mounting. G. Perera and R. C. Myles, Jr. 2,177,150; Oct. 24.
Frame for pictures, Transparent mounting. U. Rossi. 2,169,290; Aug. 15.
Frame for proving press, Type. H. H. Tunis and W. E. Blake. 2,146,036; Feb. 7.
Frame for shiffli embroidery machine. A. Eskind. 2,179,287; Nov. 7.
Frame for textile fibers, Drawing. E. Toenniessen. 2,180,325; Nov. 14.
Frame for textile rovings, Flier. F. Casablancas. 2,175,108; Oct. 3.
Frame for use in bodies of trailers, semi-trailers and trucks. J. McShane. 2,143,955; Jan. 17.
Frame freezing. M. T. Zarotschenzeff. 2,183,732; Dec. 19.
Frame member, Rear. B. J. Anderson. 2,158,170; May 16.
Frame member, Rear. B. J. Anderson. 2,181,413; Nov. 28.
Frame mounting for eyeglasses. Half. L. Vitolo. 2,151,668; Mar. 21.
Frame pressing machine. J. M. Lancaster. 2,182,154; Dec. 5.
Frame structure, Door and window. R. I. and H. A. Myers. 2,183,619; Dec. 19.
Frame structure for ladies' handbags. B. Wachs and D. H. Colin. 2,161,491; June 6.
Frames, Apparatus for assembling. H. W. Neunherz. 2,144,079; Jan. 17.
Frames, Strengthening. H. M. Epstein. 2,176,959; Oct. 24.
Framing device for motion picture mechanism. H. Griffin and H. F. Heidegger. 2,174,579; Oct. 3.
Frangible block mounting. S. F. Cox. 2,182,373; Dec. 5.
Frankfurter-forming apparatus. F. W. Trabold. 2,171,196; Aug. 29.
Fraud detecting device for coin-controlled apparatus. T. R. Freeman and W. S. Freeman. 2,165,471; July 11.
Free piston engine. R. Pateras Pascara. 2,178,311; Oct. 31.
Freewheeling device. J. Christian. 2,184,071; Dec. 19.
Freeze eliminator for dining car drains and the like. J. Josephus. 2,160,475; May 30.
Freezer and cube crusher. Combined. W. H. Prichard. 2,165,763; July 11.
Freezer, Ice cream. H. J. Kettleborough. 2,181,089; Nov. 21.
Freezer, Ice cream. D. C. Williams. 2,148,333; Feb. 21.
Freezing apparatus. C. E. Smith. 2,145,637; Jan. 31.
Freezing machine. D. F. Herman and J. Nordenhaug. 2,179,039; Nov. 7.
Freight car. B. M. Angell. 2,155,463; Apr. 25.
Freight car. H. Giddings. 2,149,015; Feb. 28.
Freight car brake. W. H. Baselt. 2,181,041; Nov. 21.
Freight car, Double deck. T. W. Demarest. 2,147,014; Feb. 14.
Freight carrier. C. C. Stetson. 2,182,005; Dec. 5.
Freight container. B. F. Fitch. 2,156,283; May 2.
Freight container. D. W. Perin. 2,172,154; Sept. 5.
Freight container. D. W. Perin. 2,183,794; Dec. 19.
Freight container, Bulk. W. A. Beauchamp. 2,177,313; Oct. 24.
Freight container, Demountable. B. F. Fitch. 2,164,317; July 4.
Freight transferring apparatus. B. F. Fitch. 2,156,282; May 2.
Freight transporting mechanism. A. H. Furnish. 2,150,371; Mar. 14.
Frequency analyzer. E. Freystedt and F. Bath. 2,159,790; May 23.
Frequency changer. C. E. Fay. 2,162,806; June 20.
Frequency changer system for multiple range receivers. J. D. Reid. 2,149,231; Feb. 28.
Frequency changing system. C. P. Stocker. 2,179,386; Nov. 7.
Frequency control. N. E. Lindenblad. 2,143,891; Jan. 17.
Frequency control, Automatic. N. P. Case. 2,163,234; June 20.
Frequency control circuit, Automatic. W. F. Ewald and K. Wilhelm. 2,151,506; Mar. 21.
Frequency control system. L. J. McKesson. 2,171,243; Aug. 29.
Frequency control system, Automatic. D. E. Foster. 2,162,883; June 20.
Frequency control system, Automatic. C. Travis. 2,144,235; Jan. 17.
Frequency control system, Automatic. C. Travis. 2,155,208; Apr. 18.
Frequency conversion circuit. R. L. Miller. 2,180,816; Nov. 21.
Frequency conversion system. L. A. Hazeltine. Re. 21,153; July 18.
Frequency divider. D. A. Bell. 2,154,484; Apr. 18.
Frequency doubler. H. Shore. 2,166,538; July 18.
Frequency drift compensator. J. K. Johnson. 2,171,655; Sept. 5.
Frequency inverter, Phase modulation type. C. W. Hansell. 2,169,357; Aug. 15.
Frequency measurement means. W. Buschbeck. 2,146,526; Feb. 7.
Frequency modulated signal. H. J. J. M. D. de Bellescize. 2,176,168; Oct. 17.
Frequency modulation. O. E. De Lange. 2,170,812; Aug. 29.
Frequency modulation. L. V. R. Philpott. 2,180,369; Nov. 21.
Frequency multiplier. J. L. Reinartz. 2,184,945; Dec. 26.
Frequency-responsive network. R. L. Freeman. 2,184,072; Dec. 19.
Frequency selective apparatus, Regenerative electromechanical. W. Soller. 2,184,321; Dec. 26.
Frequency-selective network. C.-E. Granqvist. 2,177,713; Oct. 31.
Frequency selective network. H. A. Wheeler. 2,150,044; Mar. 7.
Frequency selective system. M. C. Tournier. 2,169,304; Aug. 15.
Frequency selector system. J. L. Hurff. 2,151,109; Mar. 21.
Frequency tank circuit, Ultra high. J. W. Conklin. 2,142,630; Jan. 3.
Frequency transmission, Restricted. R. C. Curtis. 2,151,464; Mar. 21.
Friction and positive clutch, Combined. G. T. Lindstrom. 2,152,552; Mar. 28.
Friction applying means for typographical machine assembler slides. I. G. Stein. 2,153,283; Apr. 4.
Friction bodies. K. Wolf and H. Scheuermann. 2,156,828; May 2.
Friction brake. C. C. Farmer. 2,151,843–4; Mar. 28.
Friction brake. C. C. Farmer. 2,155,221; Apr. 18.
Friction brake. G. Fattersdorf. 2,171,585; Sept. 5.
Friction clutch. A. H. R. Fedden and J. L. Norton. 2,178,017; Oct. 31.
Friction clutch. H. W. McDonald. 2,157,211; May 9.
Friction clutch. A. V. Oliver. 2,160,752; May 30.
Friction clutch. H. V. Reed. 2,164,544; July 4.
Friction clutch. R. W. Wengel and H. G. Taylor. 2,151,724; Mar. 28.
Friction clutch. W. S. Wolfram. 2,183,001; Dec. 12.
Friction element. E. A. Wales. 2,149,324; Mar. 7.
Friction element and making same. A. Whitelaw. 2,149,483; Mar. 7.
Friction element, Fibrous. G. E. Pope. 2,150,186; Mar. 14.
Friction facing and making same. M. F. Judd. 2,175,399; Oct. 10.
Friction joint. M. Hokanson. 2,147,343; Feb. 14.

Friction plate. W. Klocke. 2,144,223; Jan. 17.
Friction sealing receptacle. R. P. Bumpass. 2,157,255; May 9.
Friction shock-absorbing mechanism. G. A. Johnson and S. B. Haseltine. 2,168,408; Aug. 8.
Frictionally restrained switch, Double circuit. H. E. Metcalf. 2,147,630; Feb. 21.
Fringe handling device, Combination. E. W. Powell. 2,146,513; Feb. 7.
Frog, Rail. A. Enstrom. 2,149,426; Mar. 7.
Front for fulling mills, Demountable. W. J. Simonds and R. C. Jefferson. 2,146,451; Feb. 7.
Front operated switch. R. N. Rowe. 2,163,230; June 20.
Front wheel, Independently sprung. P. E. Matthews. 2,148,029; Feb. 21.
Front wheel suspension. J. Tjaarda. 2,166,774; July 18.
Frost preventing machine. L. E. and V. H. Nelson. 2,165,148; July 4.
Froth, Method and apparatus for destroying. J. O. Nauclér. 2,184,195; Dec. 19.
Frothed, cellular, or spongelike product of colloidal origin Making. T. L. Shepherd. 2,168,246; Aug. 1.
Frozen material. R. H. Bedford. 2,175,680; Oct. 10.
Frozen rail joint. W. E. Gadd. 2,170,018; Aug. 22.
Fruit and corn drier. J. B. Chamberlain. 2,148,057; Feb. 21.
Fruit and other product washing machine. H. C. Lisle. 2,159,619; May 23.
Fruit and producing same, Solidified. T. A. Bruce. 2,147,238; Feb. 14.
Fruit and the like, Apparatus for treating. C. H. Vreeland. 2,179,459; Nov. 7.
Fruit and the like, Method and apparatus for drying. M. D. Kennedy and J. G. Johnson. 2,153,572; Apr. 11.
Fruit and vegetable dicing apparatus. H. E. Gray. 2,157,604; May 9.
Fruit and vegetable treating machine. M. D. Kennedy and J. G. Johnson. 2,149,443; Mar. 7.
Fruit, Apparatus and process of packaging. D. O. Lane. 2,183,888; Dec. 19.
Fruit, Apparatus for washing. W. F. Boettger. 2,143,838; Jan. 17.
Fruit, Coloring. K. H. Klipstein. 2,184,237; Dec. 19.
Fruit, Coloring. L. Longfield-Smith. 2,179,762; Nov. 14.
Fruit concentrate, Making a. N. M. Thomas. 2,182,829; Dec. 12.
Fruit cutting and discharging means. M. Ewald. 2,161,807; June 13.
Fruit cutting device. M. C. Hjelte. 2,175,170; Oct. 10.
Fruit dicing machine. F. A. Wool. 2,169,509; Aug. 15.
Fruit display stand. H. P. Smith. 2,152,219; Mar. 28.
Fruit draining and drying apparatus. G. A. Wuest. 2,144,281; Jan. 17.
Fruit girth. C. J. Schneider. 2,165,417; July 11.
Fruit halves, Apparatus for arranging. F. E. Morris. 2,155,612; Apr. 25.
Fruit handling and treating machine. H. F. Watkins. 2,147,870; Feb. 21.
Fruit handling machine. F. Stebler. 2,179,868; Nov. 14.
Fruit handling machine. H. F. Watkins. 2,177,967; Oct. 31.
Fruit handling machine. H. F. Watkins. 2,181,442; Nov. 28.
Fruit juice extractor. M. Britt. 2,145,338; Jan. 31.
Fruit juice extractor. W. Cecil. 2,151,500; Mar. 21.
Fruit juice extractor. J. J. Horvath. 2,166,547; July 18.
Fruit juice, Preparing. J. Mills. 2,169,367; Aug. 15.
Fruit, Method and apparatus for packaging. H. A. S. Read, Jr. 2,156,434; May 2.
Fruit, Method and material for treating. W. W. Bennett. 2,183,981; Dec. 19.
Fruit, Method of and apparatus for removing free water adhering to the outer surfaces of whole fresh. H. and G. C. Paxton. 2,159,046; May 23.
Fruit, Method of and apparatus for removing surface moisture from rollable fresh whole fruit. H. and G. C. Paxton. 2,159,047; May 23.
Fruit opening machine. W. Sievers. 2,151,943; Mar. 28.
Fruit packer's stand. J. A. Byington. 2,147,522; Feb. 14.
Fruit peel press. M. D. Truesdale. 2,181,674; Nov. 28.
Fruit picker. J. Grignolo. 2,155,543; Apr. 25.
Fruit picking device. R. W. Vote. 2,180,077; Nov. 14.
Fruit pitting machine. C. H. Steinbiss. 2,180,647; Nov. 21.
Fruit, Preparation of glacé. C. Lachman. 2,169,362; Aug. 15.
Fruit, Preparation of glacé. C. Lachman. 2,181,514; Nov. 28.
Fruit press. S. Bloomfield. 2,183,804; Dec. 19.
Fruit process, Dried. P. C. Wilbur. 2,143,903; Jan. 17.
Fruit-processing apparatus. E. W. Carroll. 2,169,353; Aug. 15.
Fruit product and processing. C. C. Moore. 2,146,155; Feb. 7.
Fruit products, Apparatus for making. W. A. Smith. 2,151,623; Mar. 21.
Fruit products, Preparing. C. R. Stuntz. 2,155,453; Apr. 25.
Fruit, Treating. J. P. Ioannu. 2,182,965; Dec. 12.
Fruit treating and washing machine. J. F. Millard. 2,180,689; Nov. 21.
Fruit treating machine. F. Stebler. 2,179,474; Nov. 7.
Fruits and foodstuffs, Method and apparatus for classification of. J. M. Hait. 2,183,884; Dec. 19.
Fruits and foodstuffs, Method and apparatus for classification of. E. S. Rick. 2,175,617; Oct. 10.
Fruits and vegetables, Treatment of. S. Levison. 2,165,557; July 11.
Fruits, Apparatus for forming segment-apex cavities in citrus. R. Polk, Sr., and R. Polk, Jr. 2,155,768; Apr. 25.
Fruits, Apparatus for handling. W. G. Allen. 2,162,415; June 13.
Fruits, Treating citrus. J. R. MacRill. 2,150,283; Mar. 14.
Frying apparatus. K. L. Childs. 2,176,869; Oct. 24.
Frying machine, Hamburger. W. A. Parr. 2,168,773; Aug. 8.
Fuel. O. Headland. 2,170,326; Aug. 22.
Fuel and air mixer. J. O. Neal. 2,152,206; Mar. 28.
Fuel and air mixing device. G. W. Pontius, Jr. 2,143,958; Jan. 17.
Fuel and improving same, Diesel. G. S. Crandall, R. C. Moran, and H. G. Berger. 2,167,345; July 25.
Fuel and making the same, Motor. V. R. Kokatnur. 2,152,196; Mar. 28.
Fuel and preparing same, Motor. H. G. Schneider and W. H. Smyers. 2,176,747; Oct. 17.
Fuel and preparing the same, Diesel. B. H. Shoemaker and H. Batchelder. 2,184,440; Dec. 26.
Fuel, Apparatus for burning liquid. C. B. Hillhouse. 2,173,626; Sept. 19.
Fuel, Apparatus for producing a smokeless solid. L. P. J. M. Bénézech. 2,167,099; July 25.
Fuel, Apparatus for the production of true colloidal. E. Blümner. 2,144,178; Jan. 17.
Fuel briquettes, Baking. H. F. Maurel. 2,164,933; July 4.
Fuel briquettes, Producing. E. B. A. Zwoyer and A. L. Stillman. 2,162,989; June 20.
Fuel burner. P. S. Arnold. 2,175,866; Oct. 10.
Fuel burner. A. D. Gaston. 2,174,082; Sept. 26.
Fuel burner. A. A. Kucher. 2,165,191; July 4.
Fuel burner. K. K. Nahigyan. 2,158,522; May 16.
Fuel burner. O. A. Ohlsson. 2,177,225; Oct. 24.
Fuel burner, Liquid. H. Cowan. 2,143,843; Jan. 17.
Fuel burner, Liquid. J. E. Govoni. 2,144,052; Jan. 17.
Fuel burner, Low pressure. R. K. McConnell. 2,143,993; Jan. 17.
Fuel burner, Pulverized. K. K. Nahigyan. 2,158,521; May 16.
Fuel burning apparatus. C. W. Robbins. 2,178,703; Nov. 7.
Fuel burning apparatus, Liquid. M. A. Powers. 2,149,182; Feb. 28.
Fuel burning device, Solid. N. A. I. Hallström. 2,150,970; Mar. 21.
Fuel, Burning fluid. W. Ferguson. 2,160,615; May 30.
Fuel burning system, Liquid. E. C. Ballman. 2,146,706; Feb. 14.
Fuel-charging apparatus. J. Hein. 2,148,465; Feb. 28.
Fuel cock assembly. G. T. Downey. 2,164,232; June 27.
Fuel combustion cell. H. H. Greger. 2,175,523; Oct. 10.
Fuel combustion control system. J. T. Fallon. 2,181,970; Dec. 5.
Fuel combustion control system. W. H. Gille. 2,154,041; Apr. 11.
Fuel combustion control system. W. H. Gille. 2,170,497; Aug. 22.
Fuel combustion control system. W. H. Gille. 2,180,675; Nov. 21.
Fuel combustion control system. A. M. Koerner. 2,143,076; Jan. 10.
Fuel composition. J. W. McCauley. 2,147,540; Feb. 14.
Fuel conditioning and burning apparatus. W. I. Sallee. 2,176,824; Oct. 17.
Fuel consumption indicator. L. K. Davis. 2,165,839; July 11.
Fuel consumption measuring apparatus. H. K. Madden. 2,162,093; June 13.
Fuel-control device, Automatic. C. D. Stewart. 2,170,256; Aug. 22.
Fuel control device or the like. J. S. Johnson. 2,178,477; Oct. 31.
Fuel control for internal combustion engines. R. M. Anderson. 2,154,417; Apr. 18.
Fuel control for internal combustion engines. M. Dach. 2,174,972; Oct. 3.
Fuel control means for oil burners, Fluid. L. L. Finnigan. 2,179,846; Nov. 14.
Fuel control means, Viscosity regulated fluid. L. L. Finnigan. 2,158,359; May 16.
Fuel control system. S. G. Down. 2,159,785; May 23.
Fuel control system for vehicles, Automatic. E. M. Gavin. 2,146,729; Feb. 14.
Fuel control system, Reserve. E. M. Gavin. 2,170,136; Aug. 22.
Fuel delivery apparatus for injection internal combustion engines. J. F. Janssen. 2,157,737; May 9.
Fuel, Device for feeding liquid. P. Lucas. 2,153,379; Apr. 4.
Fuel, Diesel. D. E. Badertscher and G. S. Crandall. 2,174,680; Oct. 3.
Fuel, Diesel. G. S. Crandall and W. H. James. 1,164,151; June 27.
Fuel, Diesel. W. H. James, R. C. Moran, and E. M. Nygaard. 2,177,719; Oct. 31.

Fuel, Diesel. F. H. MacLaren. 2,177,732; Oct. 31.
Fuel, Diesel. E. M. Nygaard and G. S. Crandall. 2,185,157; Dec. 26.
Fuel, Diesel. E. F. Pevere and W. N. Meyer. 2,178,327; Oct. 31.
Fuel, Diesel. B. H. Shoemaker and H. R. Batchelder. 2,169,186; Aug. 8.
Fuel distributing apparatus. H. E. Lippert. 2,155,607–8; Apr. 25.
Fuel economizer. H. D. Church. 2,152,028; Mar. 28.
Fuel economizer for gas engines. A. J. Dodge. 2,184,141; Dec. 19.
Fuel enrichment device, Thermostatically controlled. W. E. Haast. 2,184,834; Dec. 26.
Fuel evaporating device for internal combustion engines. R. Wehinger. 2,163,522; June 20.
Fuel feed device. G. R. Ericson. 2,157,074; May 2.
Fuel feed device, Vacuum. F. Barfod. 2,156,104; Apr. 25.
Fuel feed pump. P. L. Vaudet. 2,147,390; Feb 14
Fuel feeding and distributing mechanism for internal combustion engines. W. Clark. 2,163,458; June 20.
Fuel feeding and filtering. F. A. Kommer. 2,146,397; Feb. 7.
Fuel-feeding apparatus. F. T. Snyder. 2,166,850; July 18.
Fuel-feeding device. M. E. Bafaro. 2,173,151; Sept. 19.
Fuel feeding device for internal combustion engines. F. Egersdörfer. 2,157,284–5; May 9.
Fuel feeding device for internal combustion engines. F. Egersdörfer. 2,161,507; June 6.
Fuel feeding device for internal combustion engines. R. L. Kent and M. D. Scott. 2,167,892; Aug. 1.
Fuel feeding means for internal combustion engines. M. G. Chandler. 2,143,935–8; Jan. 17.
Fuel feeding means for internal combustion engines. C. H. Clausen. 2,178,902; Nov. 7.
Fuel feeding system. R. F. Bracke. 2,170,651; Aug. 22.
Fuel feeding system. E. C. Phillips, L. L. Aspelin, and R. E. Grey. 2,183,586; Dec. 19.
Fuel feeding system for internal combustion engines. E. E. Hans. 2,142,979; Jan. 3.
Fuel feeding system for internal combustion engines. C. R. Paton. 2,151,043; Mar. 21.
Fuel filter. A. C. Korte. 2,183,616; Dec. 19.
Fuel fired furnace, Forced circulation. A. H. Vaughan. 2,181,928; Dec. 5.
Fuel for combustion, Apparatus for preparing. W. Tschudy and T. W. Halliday. 2,151,060; Mar. 21.
Fuel for lighters, Solid. F. Ringer. 2,161,385; June 6.
Fuel gas apparatus. D. J. Little. 2,166,911; July 18.
Fuel igniting device for burners. W. D. Thompson and W. S. Gordon, Jr. 2,176,647; Oct. 17.
Fuel in internal combustion engines, Method and apparatus for utilization of low grade. H. H. Huber. 2,163,241; June 20.
Fuel injecting device for internal combustion engines. K. Mohr. 2,155,098; Apr. 18.
Fuel injection apparatus. B. Bischof. 2,173,812–13; Sept. 19.
Fuel injection apparatus. E. Schaeren. 2,177,120; Oct. 24.
Fuel injection apparatus for internal combustion engines. B. Bischof. 2,173,814; Sept. 19.
Fuel injection pump. L. C. Baker. 2,184,483; Dec. 26.
Fuel injection pump. H. C. Edwards. 2,185,144; Dec. 26.
Fuel injection pump. H. C. Edwards. 2,185,146; Dec. 26.
Fuel injection apparatus for internal combustion engines. J. Puurmann. 2,147,989; Feb. 21.
Fuel-injection control device. G. Amery. 2,150,574; Mar. 14.
Fuel injection device. H. V. Honn. 2,172,383; Sept. 12.
Fuel injection devices in internal combustion engines, Method and apparatus for operating. B. Bischof. 2,173,811; Sept. 19.
Fuel-injection mechanism. O. L. Starr and G. W. Lewis. 2,159,360; May 23.
Fuel injection pump. E. M. Purdy. 2,166,876; July 18.
Fuel injection pump. W. Voit. 2,163,313; June 20.
Fuel injection system. R. E. Nelson. 2,145,429; Jan. 31.
Fuel injection system for internal combustion engines. H. Wälti. 2,144,132; Jan. 17.
Fuel injector. M. G. Chandler. 2,143,052; Jan. 10.
Fuel injector. H. C. Edwards. 2,144,874; Jan. 24.
Fuel injector. H. C. Edwards. 2,168,839; Aug. 8.
Fuel injector. H. C. Edwards. 2,172,556; Sept. 12.
Fuel injector. R. D. Streby. 2,154,875; Apr. 18.
Fuel injector, Engine. J. W. Dow. 2,148,192; Feb. 21.
Fuel injector pump. O. Ljungstrom. 2,180,475; Nov. 21.
Fuel into an open hearth furnace, Apparatus for introducing. L. S. Lengenecker. 2,182,497–8; Dec. 5.
Fuel into internal combustion engines, Injecting. J. G. Kimmel. 2,164,684; July 4.
Fuel, Manufacture of automotive. J. C. Morrell. 2,176,353; Oct. 17.
Fuel, Manufacture of stabilized motor. H. B. Cooke. 2,151,374; Mar. 21.
Fuel, Method and apparatus for producing motor. P. A. Maschwitz. 2,165,804; July 11.
Fuel, Method of and apparatus for burning low-volatile. L. W. Corbett. 2,180,196; Nov. 14.
Fuel, Method of and apparatus for feeding. C. E. Richardson and J. Carroll. 2,149,184; Feb. 28.
Fuel mixer and degasser for vehicular internal combustion engines, Combined. L. T. Barnes. 2,146,246; Feb. 7.
Fuel mixing device. W. J. Dunston. 2,173,754; Sept. 19.
Fuel mixing device. A. Gorleski. 2,166,720; July 18.
Fuel mixing device. C. J. Zagwyn. 2,157,809; May 9.
Fuel, Molded artificial. G. O. F. Piou de Saint-Gilles and J. G. Y. Saget. 2,160,442; May 30.
Fuel, Motor. E. V. Bereslavsky. 2,158,050; May 16.
Fuel, Motor. J. W. Jean. 2,179,151; Nov. 7.
Fuel, Motor. E. M. Marks. 2,181,143; Nov. 28.
Fuel, Motor. I. E. Muskat. 2,178,403; Oct. 31.
Fuel, Motor. J. C. D. Oosterhout. 2,155,678; Apr. 25.
Fuel, Motor. H. V. Rees and J. C. D. Oosterhout. 2,165,651; July 11.
Fuel, Motor. W. A. Schulze and G. G. Oberfell. 2,149,033; Feb. 28.
Fuel oil burning system, Automatically electrically controlling a. D. H. McCorkle. 2,143,277; Jan. 10.
Fuel-oil control valve. J. B. Olson. 2,154,108; Apr. 11.
Fuel, Polyfurcous. C. Ellis. 2,143,870; Jan. 17.
Fuel production, Motor. G. Armistead, Jr. 2,179,989; Nov. 14.
Fuel, Production of motor. H. V. Atwell and M. R. Mandelbaum. 2,158,559; May 16.
Fuel, Production of motor. E. M. Marks. 2,164,334; July 4.
Fuel pump. C. R. Alden. 2,142,086; Jan. 3.
Fuel pump. W. F. Bahr. 2,151,069; Mar. 21.
Fuel pump. H. C. Edwards. 2,185,145; Dec. 26.
Fuel pump. C. F. High. 2,145,260; Jan. 31.
Fuel pump. C. F. High. 2,146,184; Feb. 7.
Fuel pump. C. F. High. 2,180,109; Nov. 14.
Fuel pump. J. P. Johnson. 2,170,530; Aug. 22.
Fuel pump. W. H. Lafferty. 2,146,398; Feb. 7.
Fuel pump. F. C. Mock. 2,160,978; June 6.
Fuel pump. A. P. Thomas. 2,183,510; Dec. 12.
Fuel pump. A. C. Vogelei and M. O. Grant. 2,145,379; Jan. 31.
Fuel pump. G. J. Williams. 2,166,618; July 18.
Fuel pump, Electric. J. B. Whitted. 2,169,827; Aug. 15.
Fuel pump regulator, Automatic. H. J. Kent. 2,168,904; Aug. 8.
Fuel, Refining and stabilization of motor. E. H. Lang and R. C. Osterstrom. 2,149,351; Mar. 7.
Fuel regulation of open hearth furnaces, Automatic. W. C. Hogg and L. Rumford, II. 2,177,805; Oct. 31.
Fuel regulator. J. B. Hull. 2,145,305; Jan. 31.
Fuel regulator, Gas. C. L. Robinson. 2,152,501; Mar. 28.
Fuel storage and discharge apparatus. R. H. Goddard. 2,183,312; Dec. 12.
Fuel supply apparatus. W. C. Coleman. 2,174,054; Sept. 26.
Fuel supply system. B. B. Stroud. 2,155,340; Apr. 18.
Fuel supply system for internal combustion engines. P. S. Tice. 2,157,034; May 2.
Fuel supply tank. F. B. Crocker. 2,178,564; Nov. 7.
Fuel supply to internal combustion engines, Varying the. J. H. S. and J. K. Gardner. 2,153,921; Apr. 11.
Fuel supply unit. W. Czarnecki. 2,174,869; Oct. 3.
Fuel supply unit for oil burners. H. C. Osborne. 2,145,404; Jan. 31.
Fuel supply unit for oil burners. H. C. Osborne. 2,149,864; Mar. 7.
Fuel, System for feeding. E. A. Rockwell. 2,152,091; Mar. 28.
Fuel to internal combustion engines, Apparatus for feeding. F. Egersdörfer and F. Wucherer. 2,173,578; Sept. 19.
Fuel treatment. H. R. Fife. 2,176,128; Oct. 17.
Fuel, Treatment of motor. J. A. Chenicek. 2,163,269; June 20.
Fuel vaporizer and mixer. O. C. Betry. 2,175,738; Oct. 10.
Fuel vaporizing unit for engines. C. W. Huffman. 2,160,309; May 30.
Fuels and treating the same, Treated. R. C. Marmaduke. 2,184,621; Dec. 26.
Fuels from gaseous olefins, Producing liquid. H. Velde and H. Tramm. 2,149,562; Mar. 7.
Fuels, Gasification of liquid. E. J. Ther and M. B. Mason. 2,150,528; Mar. 14.
Fuels, Manufacture of high antiknock motor. S. R. Merley. 2,173,452; Sept. 19.
Fuels, Manufacture of motor. L. C. Kemp and R. L. Savage, Jr. 2,172,560; Sept. 12.
Fuels, Preparation of motor. W. M. Stratford. 2,177,421; Oct. 24.
Fuels, Process and apparatus for the continuous gasifications of solid. W. Linder. 2,175,610; Oct. 10.
Fuels, Producing motor. C. R. Wagner. 2,157,224–5; May 9.
Fuels, Production of motor. M. Mueller-Cunradi and R. Uloth. 2,159,175; May 23.
Fuels, Sweetening high-sulphur motor. T. H. Rogers and B. H. Shoemaker. 2,164,665; July 4.
Fuels, Treatment of gaseous. L. C. Kemp. 2,155,663; Apr. 25.
Fulcrum, Carrier iron and brake. R. G. Aurien. 2,166,886; July 18.
Fulling mill. R. L. Dawson. 2,162,003; June 13.
Fulling mill. H. C. Riggs. 2,144,934; Jan. 24.

Fume eliminator for internal combustion engines. E. G. Parvin. 2,148,709; Feb. 28.
Fume exhausting soldering iron. F. J. C. Smith. 2,184,980; Dec. 26.
Fumigation system. E. P. Collins. 2,149,936; Mar. 7.
Fumigator. B. M. Bancroft. 2,154,803; Apr. 18.
Fungicide. M. C. Goldsworthy. 2,177,198; Oct. 24.
Funnel. R. L. Perkins. 2,174,228; Sept. 26.
Funnel construction. H. A. Damkroger. 2,168,395; Aug. 8.
Funnel, Filtering. R. D. Welsh. 2,166,980; July 25.
Funnel support. R. N. Kester and E. O. Baldwin, Jr. 2,144,923; Jan. 24.
Funnel, Supported. J. R. Casner. 2,179,400; Nov. 7.
Funnels and the like, Supporting means for. C. D. Blanchard. 2,149,722; Mar. 7.
Fur and the like and composition therefor. C. F. Fabian and A. N. Sachanen. 2,155,161; Apr. 18.
Fur and the like and composition therefor, Carroting. C. F. Fabian. 2,169,997; Aug. 22.
Fur, Artificial. G. Romane. 2,172,807; Sept. 12.
Fur cutting. A. G. Settel. 2,174,603; Oct. 3.
Fur dyeing. E. Ohsman. 2,171,277; Aug. 29.
Fur glazing machine. A. Mosca. 2,169,427; Aug. 15.
Fur stretching device. C. Sturtz. 2,163,989; June 27.
Fur treating device. H. Sklar. 2,155,172; Apr. 18.
Fur upon a carrier sheet, Method and apparatus for mounting pieced. R. H. Plass. 2,175,309; Oct. 10.
Furfurylamines, Preparation of. H. Adkins and C. F. Winans. 2,175,585; Oct. 10.

Furnace: *See*—

Annealing furnace.
Barbeque furnace.
Continuous furnace.
Continuous heat treatment furnace.
Continuous heating furnace.
Continuous strip furnace.
Crucible furnace.
Cupola furnace.
Deposition furnace.
Electric arc furnace.
Electric furnace.
Electric shaft furnace.
Fireplace furnace.
Floor furnace.
Fuel fired furnace.
Gas fired furnace.
Gas-firing regenerative furnace.
Glass furnace.
Heat treating furnace.
Heating furnace.
Incinerator furnace.
Induction furnace.
Liquid fuel furnace.
Melting furnace.
Metal vaporizing furnace.
Metallurgical furnace.
Multiple burner furnace.
Ore roasting furnace.
Oil burning furnace.
Oil-fired furnace.
Open hearth furnace.
Oven-filled furnace.
Oven furnace.
Recuperative soaking pit furnace.
Reduction furnace.
Refuse incinerating furnace.
Regenerating furnace.
Regenerative metallurgical furnace.
Roasting and smelting furnace.
Sawdust burning furnace.
Sectional furnace.
Smelting furnace.
Stoker-fed furnace.
Stoker furnace.
Tunner furnace.
Wall furnace.
Warm air furnace.

Furnace. E. G. Bailey. 2,165,207; July 11.
Furnace. R. L. Beers. 2,150,481; Mar. 14.
Furnace. E. H. Berryman. 2,180,577; Nov. 21.
Furnace. P. R. Cassidy. 2,169,972; Aug. 15.
Furnace. L. de Florez. 2,151,386; Mar. 21.
Furnace. B. Goerg. 2,160,800; May 30.
Furnace. G. Herndon. 2,175,525; Oct. 10.
Furnace. J. A. Lindsay. 2,160,509; May 30.
Furnace. C. H. Lengyel. 2,171,002; Aug. 29.
Furnace. L. Lockwood. 2,160,481; May 30.
Furnace. C. E. Lucke. 2,148,484; Feb. 28.
Furnace. G. R. McDermott. 2,180,089; Nov. 14.
Furnace. R. H. Nelson. 2,172,667; Sept. 12.
Furnace. H. J. Ness. 2,181,097; Nov. 21.
Furnace. C. Reynders. 2,142,762; Jan. 3.
Furnace. H. E. Stauss and J. G. Ogden. 2,145,324; Jan. 31.
Furnace. P. C. Steck. 2,147,803; Feb. 21.
Furnace. H. C. Weller. 2,162,041; June 13.
Furnace and combustion chamber. F. O. Weeks. 2,157,195; May 9.
Furnace and control means therefor, Rail treatment. A. G. Whitting and J. F. Headlee. 2,167,922; Aug. 1.
Furnace and control therefor. L. V. Pittman and C. M. Weinheimer. 2,151,439; Mar. 21.
Furnace and electrode mechanism therefor, Electric. W. E. Moore. 2,169,808; Aug. 15.
Furnace and heating means therefor, Calcining. E. L. Wiegand and O. R. Olson. 2,150,532; Mar. 14.
Furnace and method, Metal treating. H. A. Dreffein. 2,145,074; Jan. 24.
Furnace and operation, Glass. S. A. Forter. 2,179,848; Nov. 14.
Furnace and the like, Industrial. W. Linder. 2,146,751; Feb. 14.
Furnace and using the same, Glass melting. E. C. Sullivan. 2,162,983; June 20.
Furnace apparatus. J. Mirra. 2,149,706; Mar. 7.
Furnace assembly. R. B. Rock. 2,158,338; May 16.
Furnace base unit. C. G. Estelle. 2,146,887; Feb. 14.
Furnace bottom. T. E. Murray, Jr. 2,169,848; Aug. 15.
Furnace combustion, Method and apparatus for controlling. H. W. Paret, Jr. 2,149,980; Mar. 7.
Furnace construction. J. O. Griggs and B. H. Leeks. 2,155,418; Apr. 25.
Furnace construction. O. Jaros. 2,147,946; Feb. 21.
Furnace construction. G. E. Seil. 2,180,969; Nov. 21.
Furnace construction. T. Teeters. 2,154,414; Apr. 11.
Furnace construction and operation. G. T. Shoemaker. 2,166,199; July 18.
Furnace construction, Blast. S. L. Mamula. 2,158,943; May 16.
Furnace control mechanism. C. S. Andersen. 2,156,830; May 2.
Furnace, Controlling the operation of a. J. C. Miles. 2,164,882; July 4.
Furnace conveyer. F. A. Fahrenwald. 2,173,682; Sept. 19.
Furnace for heat treating carbonaceous material. C. L. Ocon. 2,184,465; Dec. 26.
Furnace for heating. J. C. Woodson. 2,182,218; Dec. 5.
Furnace for heating glass plates for tempering. L. J. B. Forbes. 2,170,749; Aug. 22.
Furnace for heating pieces by means of high frequency currents. L. Dreyfus. 2,176,488; Oct. 17.
Furnace for melting metals, Electric. R. Mautsch. 2,159,169; May 23.
Furnace for the production of calcium carbide, Electric. E. Winter, F. Lückerath, and P. Windelband. 2,177,622; Oct. 24.
Furnace for treating materials at high temperatures. U. Lamm and H. Forssell. 2,149,447; Mar. 7.
Furnace for zinc and other metals, Vaporizing. G. Anderson and R. S. Olsen. 2,174,559; Oct. 3.
Furnace heating element. Le R. L. Wyman. 2,162,596; June 13.
Furnace hood, Rectangular bell-type. F. R. J. Davis. 2,175,829; Oct. 10.
Furnace or the like. H. L. De Frees. 2,155,968; Apr. 25.
Furnace port construction. K. G. Kutchka. 2,152,808; Apr. 4.
Furnace port construction, Water-cooled. G. L. Robinson. 2,145,555; Jan. 31.
Furnace pot. H. H. Harris. 2,168,334; Aug. 8.
Furnace, Process and apparatus for operating a primary F. K. Vial. 2,167,596; July 25.
Furnace regenerator arrangement. W. J. Irwin. 2,178,795; Nov. 7.
Furnace regenerator system. W. J. Irwin. 2,178,794; Nov. 7.
Furnace repair. H. H. Blau and K. K. Knaell. 2,178,134; Oct. 31.
Furnace roof ring, Electric. W. E. Moore. 2,166,964; July 25.
Furnace, Running a blast. K. Hörnemann. 2,162,402; June 13.
Furnace shell construction. J. J. Holub. 2,175,605; Oct. 10.
Furnace structure. L. R. Robinson. 2,155,774; Apr. 25.
Furnace structure, Heating. R. B. Millard. 2,171,941; Sept. 5.
Furnace, tray, Heat treating. H. H. Harris. 2,168,333; Aug. 8.
Furnace wall. M. H. Kuhner. 2,172,766; Sept. 12.
Furnace wall and part therefor, Boiler. J. H. Lawrence. 2,157,904; May 9.
Furnace wall and part thereof and method. J. N. Pyster and C. W. Stuke. 2,174,597; Oct. 3.
Furnace wall structure. G. W. Davey. 2,174,871; Oct. 3.
Furnace wall, Suspended. G. P. Reintjes. 2,143,280; Jan. 10.
Furnace working, Variable rock. C. M. Weinheimer, F. P. Weaver, and L. V. Pittman. 2,147,070; Feb. 14.
Furnaces, Apparatus for charging. A. J. Boynton. 2,155,927; Apr. 25.
Furnaces, Apparatus for firing. A. L. Baker. 2,144,098; Jan. 17.
Furnaces, Compound firing for gas-heated zone thrust. A. Sprenger. 2,147,997; Feb. 21.
Furnaces, Firing. G. M. Parker. 2,172,105; Sept. 5.
Furnaces for melting glass, silicates, and other refractory material, Method of heating. G. Zotos. 2,147,476; Feb. 14.
Furnaces, Heat recuperating wall structure for. L. R. Robinson. 2,151,358; Mar. 21.
Furnaces, Lining smelting. J. A. Heskett. 2,175,291; Oct. 10.
Furnaces, Operating cupola. K. Lauer. 2,158,510; May 16.
Furnaces, Operating cupola shaft. J. Wilberz 2,146,872; Feb. 14.
Furnaces, Reversing apparatus for. G. A. Merkt. 2,157,771; May 9.
Furnaces, Reversing apparatus for. G. A. Merkt. 2,175,063; Oct. 3.
Furniture. F. A. Eichel. 2,170,400; Aug. 22.
Furniture. A. G. Falk. 2,145,238; Jan. 31.
Furniture. A. H. Finlay. 2,150,434; Mar. 14.
Furniture. P. R. Munroe. 2,151,985; Mar. 28.
Furniture. H. E. Raeuber. 2,145,201; Jan. 24.
Furniture. A. Schmidt. 2,162,975; June 20.
Furniture. A. S. Wright. 2,169,752; Aug. 15.
Furniture, Aircraft. H. S. Dale. 2,174,622; Oct. 3.
Furniture, Article of. W. J. Bargen. 2,150,903; Mar. 21.
Furniture, Article of. W. J. Bargen. 2,165,125; July 4.
Furniture clamp. J. M. Lancaster. 2,148,208; Feb. 21.
Furniture, Combination. G. A. Thibeault, W. Visotski, R. Carlson, and I. E. Sweet. 2,152,002; Mar. 28.
Furniture construction. W. E. Clarin. 2,143,542; Jan. 10.

Furniture construction. L. Stickley. 2,179,138; Nov. 7.
Furniture, Convertible. J. M. Dorton. 2,169,486; Aug. 15.
Furniture, Convertible. J. Janes. 2,149,120; Feb. 28.
Furniture, Convertible. V. M. Krainbill. 2,164,715; July 4.
Furniture, Convertible. A. R. Paladino. 2,144,929; Jan. 24.
Furniture drawer lock. J. C. Siegel. 2,182,504; Dec. 5.
Furniture, Folding I. L. Rogers. 2,159,228; May 23.
Furniture frame, Knock-down. E. A. Corbin, Jr. 2,166,941; July 25.
Furniture, Office. F. A. Schmitz. 2,182,037; Dec. 5.
Furniture seat. M. F. Wechsler and M. Levine. 2,142,740; Jan. 3.
Furniture slip cover. P. Trubitz. 2,179,805; Nov. 14.
Furniture, such as bedchairs and bedsettees, Articles of. C. Frech and J. E. Nilsson. 2,184,713; Dec. 26.
Furniture, Take-apart. A. E. Thompson. 2,145,669; Jan. 31.
Furniture, Upholstered. S. Tarr. 2,170,224; Aug. 22.
Furniture, Upholstery. D. T. Owen. 2,146,510; Feb. 7.
Furring attachment. W. M. Goldsmith. 2,181,885; Dec. 5.
Furring system. R. E. Marsh. 2,160,161; May 30.
Furrow basin forming attachment for cultivators. J. M. Dalimata. 2,166,042; July 11.
Furrow dammer. T. D. Campbell. 2,155,891; Apr. 25.
Furs and skins, Treatment of. W. Kritchevsky. 2,153,762; Apr. 11.
Furs, Dyeing of. M. Mendoza and G. S. J. White. 2,183,752; Dec. 19.
Fuse. T. Birkenmaier. 2,176,045; Oct. 17.
Fuse. O. B. Curry. 2,157,198; May 9.
Fuse. A. E. Dietz. 2,148,542; Feb. 28.
Fuse. J. E. Hagendorn and J. Vervueren. 2,159,083; May 23.
Fuse. K. A. Lohausen. 2,157,907; May 9.
Fuse. C. L. Matthews, C. E. Mosley, and T. Birkenmaier. 2,154,688; Apr. 18.
Fuse. L. J. Molner. 2,177,533; Oct. 24.
Fuse. L. R. Popp. 2,166,174; July 18.
Fuse. W. O. Schultz. 2,179,759; Nov. 14.
Fuse. S. R. Smith, Jr. 2,143,037–8; Jan. 10.
Fuse. S. R. Smith. 2,172,226; Sept. 5.
Fuse. H. G. Towner. 2,153,600; Apr. 11.
Fuse. H. G. Towner. 2,173,143; Sept. 19.
Fuse. H. A. Triplett. 2,162,540; June 13.
Fuse. H. A. Triplett. 2,183,728; Dec. 19.
Fuse. H. A. Triplett and S. I. Lindell. 2,174,767; Oct. 3.
Fuse and assembling same, Electric. A. E. and H. C. Alberga. 2,166,033; July 11.
Fuse and circuit extension connector, Combination electric. R. F. Kneisley. 2,166,254; July 18.
Fuse and improved indicating device therefor. R. S. Bennett. 2,142,991; Jan. 10.
Fuse assembly. T. F. Johnson. 2,171,179; Aug. 29.
Fuse block. A. Corbett. 2,145,154; Jan. 24.
Fuse block. M. G. Dahl. 2,163,460; June 20.
Fuse block and parts thereof. H. J. L. Frank. 2,158,655; May 16.
Fuse cabinet. A. Corbett. 2,145,155; Jan. 24.
Fuse, Cartridge. P. V. Hunter and A. W. Metcalf. 2,180,874; Nov. 21.
Fuse, Combination projectile. H. M. Brayton. 2,173,620; Sept. 19.
Fuse construction. W. O. Schultz. 2,145,375; Jan. 31.
Fuse construction. W. O. Schultz. 2,158,638; May 16.
Fuse construction. W. O. Schultz. 2,165,156; July 4.
Fuse construction. W. O. Schultz. 2,168,586; Aug. 8.
Fuse construction. W. O. Schultz. 2,178,650; Nov. 7.
Fuse construction. H. A. Triplett. 2,183,729; Dec. 19.
Fuse cut-out, Indicating. E. M. Meyer. 2,159,039; May 23.
Fuse cut-out, Oil. A. E. Papp. 2,161,427; June 6.
Fuse device for electric circuits, Multiple. R. G. Sanford. 2,150,249; Mar. 14.
Fuse, Drop-out open cut-out. H. L. Rawlins. 2,183,083; Dec. 12.
Fuse, Electric. G. N. Lemmon. 2,165,636; July 11.
Fuse, Electric. K. A. Lohausen. 2,157,906; May 9.
Fuse, Electric. M. B. Wood. 2,181,825; Nov. 28.
Fuse, Electrical. H. A. Triplett. 2,157,152; May 9.
Fuse, Enclosed. H. T. Bussmann. 2,148,803; Feb. 28.
Fuse, Enclosed. N. Rapp. 2,143,031; Jan. 10.
Fuse, Expulsion. A. G. Steinmayer. 2,160,464; May 30.
Fuse for projectiles, Percussion. M. Birkigt. 2,164,797; July 4.
Fuse for projectiles, Time. J. Lasserre. 2,164,115; June 27.
Fuse for rocket-projectiles, Percussion. P. E. J. Denoix. 2,145,507; Jan. 31.
Fuse for rotative projectiles. E. W. Brandt. 2,167,197; July 25.
Fuse having combustible elements comprising lead salts of nitrophenols, Electric. L. A. Burrows and W. E.
Fuse heads for electrical firing, Manufacture of. L. Rubenstein and W. Taylor. 2,159,229; May 23.
Fuseheads such as are used, for example, in blasting detonators, Manufacture of electric. W. Taylor and C. R. L. Hall. 2,180,129; Nov. 14.
Fuse, Indicating. F. A. Schiller. 2,175,919; Oct. 10.
Lawson. 2,175,250; Oct. 10.
Fuse indicator and puller. L. P. Lyon. 2,164,658; July 4.
Fuse lead construction for electric lamps. W. E. Anderson. 2,183,952; Dec. 19.
Fuse link. L. R. Popp. 2,171,864; Sept. 5.
Fuse link, Surge-protected. R. R. Pittman and C. H. Walsh. 2,174,477; Sept. 26.
Fuse, Mechanical time. H. Junghans. 2,153,758; Apr. 11.
Fuse, Mechanical time. E. H. Schenk. 2,149,470; Mar. 7.
Fuse mounting. A. Corbett. 2,172,190; Sept. 5.
Fuse, Nontamperable and noninterchangeable plug. E. H. Taylor. 2,147,221; Feb. 14.
Fuse, Percussion. P. E. J. Denoix. 2,156,471; May 2.
Fuse plug. L. Ludwig. 2,142,361; Jan. 3.
Fuse plug, Automatic. N. Dippel. 2,162,163; June 13.
Fuse plug for pressure cookers. E. G. Grundstrom. 2,173,999; Sept. 26.
Fuse receptacle. L. J. Molner. 2,177,532; Oct. 24.
Fuse, Renewable. G. R. Brown. 2,168,153; Aug. 1.
Fuse, Renewable. L. Kellner. 2,175,436; Oct. 10.
Fuse, Renewable electric. D. E. Carney. 2,168,791; Aug. 8.
Fuse plug, Renewable indicating. H. M. Muncheryan. 2,160,079; June 6.
Fuse plug, Replaceable. O. G. Vanderveer. 2,170,168; Aug. 22.
Fuse, Plug type electric. M. B. Wood. 2,144,134; Jan. 17.
Fuse support. S. R. Smith, Jr. 2,170,698; Aug. 22.
Fuse switch. T. F. Johnson. 2,158,722; May 16.
Fuse switch, Surge-protected. R. R. Pittman and C. H. Walsh. 2,174,476; Sept. 26.
Fuse, Time lag. G. R. Brown. 2,180,975; Nov. 21.
Fuse, Vertical drop-out. W. O. Schultz. 2,151,159; Mar. 21.
Fused plug. S. M. Del Campo. 2,177,592; Oct. 24.
Fused products, Producing. L. G. Black. 2,177,766; Oct. 31.
Fused switch. H. W. Batcheller. 2,144,139; Jan. 17.
Fuselage, Pressure. G. A. Page, Jr. 2,162,227; June 13.
Fusion welding. L. Jones. 2,175,026; Oct. 3.
Gaff hook. A. R. Eastman. 2,165,245; July 11.
Gain adjusting apparatus. H. I. Romnes. 2,144,709–10; Jan. 24.
Gain control, Automatic. P. O. Farnham. 2,153,747; Apr. 11.
Gain control circuit, Delayed automatic. R. A. Braden. 2,144,304; Jan. 17.
Gaiter. R. A. Le Fevre. 2,144,765; Jan. 24.
Galley lock. D. Mulcay and W. G. Colvin. 2,176,976; Oct. 24.
Galley lock. J. J. Riehl. 2,173,728; Sept. 19.
Galosh. H. B. Richards. 2,142,981; Jan. 3.
Galvanic cell and cover therefor. D. Domizi. 2,151,902; Mar. 28.
Galvanizing machine. E. A. Matteson and B. P. Finkbone. 2,183,890; Dec. 19.
Galvanizing process. J. R. Daesen and A. F. Bradley. 2,172,933; Sept. 12.
Galvanizing unit. D. O. Fisher, K. Kronborg, and E. G. Schlup. 2,176,761; Oct. 17.
Galvanometer. F. B. Anderson. 2,159,775; May 23.
Galvanometer. H. A. Gill and R. H. Baker. 2,169,476; Aug. 15.
Galvanometer. F. M. Kannenstine. 2,149,442; Mar. 7.
Galvanometer. R. E. Lewis. 2,149,244; Feb. 28.
Galvanometer. M. D. McCarty. 2,161,744; June 6.
Galvanometer, Differential. B. H. Schwarze. 2,178,108; Oct. 31.
Galvanometer mount for sound recording apparatus. A. G. Zimmerman. 2,154,080; Apr. 11.
Galvanometer, Multiple. C. A. Heiland. 2,183,934; Dec. 19.
Gambrel. H. Saley. 2,169,928; Aug. 15.
Game. R. A. Beard. 2,182,531; Dec. 5.
Game. J. T. Blanck. 2,182,957; Dec. 12.
Game. E. H. Bright. 2,152,867; Apr. 4.
Game. M. H. Brook. 2,161,129; June 6.
Game. J. T. and M. Bullen. 2,157,589; May 9.
Game. H. G. Cisin. 2,148,259; Feb. 21.
Game. W. C. Driscoll. 2,185,055; Dec. 26.
Game. L. W. Dunham. 2,159,966; May 30.
Game. L. Engel. 2,152,882; Apr. 4.
Game. E. H. Freedman. 2,165,891; July 11.
Game. J. W. Hobbs and C. Hart. 2,145,394; Jan. 31.
Game. J. C. Koci. 2,165,059; July 4.
Game. M. L. Lee. 2,179,471; Nov. 7.
Game. R. D. Martin. 2,152,747; Apr. 4.
Game. G. O. Matter. 2,169,266; Aug. 15.
Game. C. M. McGennis. 2,174,058; Sept. 26.
Game. T. Moren. 2,170,909; Aug. 29.
Game. H. Olken. 2,167,847; Aug. 1.
Game. J. Polanco. 2,168,104; Aug. 1.
Game. C. S. Raizen and M. Weisinger. 2,177,078; Oct. 24.
Game. A. L. Rausher. 2,168,171; Aug. 1.
Game. E. S. Savage. 2,147,502; Feb. 14.
Game. E. S. Savage. 2,183,107; Dec. 12.
Game. C. P. Schaub. 2,163,011; June 20.
Game. C. D. Shannon. 2,157,023; May 2.
Game. R. B. Stacy-Judd. 2,168,365; Aug. 8.
Game. D. H. Sweet. 2,167,915; Aug. 1.
Game. A. W. Swenson. 2,173,865; Sept. 26.

Game. E. E. Vernon. 2,146,457; Feb. 7.
Game. H. O. Walker. 2,150,303; Mar. 14.
Game. G. F. Wolfe. 2,155,814; Apr. 25.
Game. G. F. Wolfe. 2,163,478; June 20.
Game. W. K. Youngberg. 2,163,456; June 20.
Game. J. L. Zinngrabe. 2,160,299; May 30.
Game, Amusement. C. H. Huenergardt. 2,177,066; Oct. 24.
Game, Amusement. F. G. Nicolaus. 2,173,611; Sept. 19.
Game and apparatus therefor. J. Y. Morris. 2,159,174; May 23.
Game and apparatus therefor, Board. H. J. Griffith. 2,176,258; Oct. 17.
Game and game-board apparatus. J. R. Thomas. 2,178,330; Oct. 31.
Game and playing piece therefor. R. C. Hinsen. 2,151,030; Mar. 21.
Game apparatus. I. H. Athey. 2,160,451; May 30.
Game apparatus. A. R. Babcock. 2,180,029; Nov. 14.
Game apparatus. R. V. Cheatham, Jr. 2,152,872; Apr. 4.
Game apparatus. F. R. Chester. 2,180,329; Nov. 14.
Game apparatus. D. C. Cupstid. 2,145,220; Jan. 24.
Game apparatus. A. L. Greene. 2,175,892; Oct. 10.
Game apparatus. C. A. Hill. 2,180,416; Nov. 21.
Game apparatus. H. M. Keith. 2,164,682; July 4.
Game apparatus. A. P. Masters. 2,169,365; Aug. 15.
Game apparatus. J. F. Meyer. 2,150,515; Mar. 14.
Game apparatus. S. Pekalski and J. Bennis. 2,180,478; Nov. 21.
Game apparatus. B. Radtke. 2,184,866; Dec. 26.
Game apparatus. H. E. Robinson. 2,183,506; Dec. 12.
Game apparatus. F. Rock. 2,150,847; Mar. 14.
Game apparatus. R. P. Shelton. 2,176,725; Oct. 17.
Game apparatus. G. A. Swenson. 2,155,912; Apr. 25.
Game apparatus. J. G. Wells. 2,181,388; Nov. 28.
Game apparatus. H. E. Williams and L. A. Durant. 2,184,867; Dec. 26.
Game apparatus. I. H. Wilsey. 2,167,703; Aug. 1.
Game apparatus, Amusement. I. H. Wilsey. 2,166,228; July 18.
Game apparatus and control means. J. C. Koci. 2,177,725; Oct. 31.
Game apparatus, Board. W. I. Barton. 2,162,876; June 20.
Game apparatus, Board. A. H. Hall. 2,180,049; Nov. 14.
Game apparatus, Coin-freed. M. Myers. 2,148,828; Feb. 28.
Game apparatus, Educational. W. Spiro. 2,181,925; Dec. 5.
Game, Apparatus for playing a. R. B. Hays. 2,157,172; May 9.
Game, Apparatus for playing a table. O. Kind. 2,170,373; Aug. 22.
Game apparatus, Football. E. K. Hurlock. 2,148,354; Feb. 21.
Game apparatus, Skill dart. L. E. Moss. 2,165,147; July 4.
Game appliance and making. F. O. German and E. W. Hartley. 2,166,950; July 25.
Game, Ball. F. W. L. Carre. 2,169,038; Aug. 8.
Game, Ball rolling. H. E. Williams. 2,182,418; Dec. 5.
Game, Baseball. W. H. Brown. 2,177,860; Oct. 31.
Game, Baseball. W. F. Lipchow. 2,146,636; Feb. 7.
Game board. F. H. Cross. 2,146,055; Feb. 7.
Game board. A. F. Hamilton. Re. 21,292; Dec. 12.
Game board. W. Houseknecht. 2,147,900; Feb. 21.
Game board. J. B. King. 2,177,182; Oct. 24.
Game board. R. J. Kozelka. 2,148,207; Feb. 21.
Game board. H. Rubin. 2,145,434; Jan. 31.
Game board. L. F. Smith. 2,150,850; Mar. 14.
Game board and apparatus for use therewith. F. R. Stearns. 2,180,439; Nov. 21.
Game, Bowling dice. J. J. Brumer. 2,148,102; Feb. 21.
Game, Card. E. T. McNaney. 2,159,563; May 23.
Game, Card and dice. C. R. Shultz. 2,171,295; Aug. 29.
Game, Card playing. R. L. Dodge. 2,154,891; Apr. 18.
Game, Coin controlled. L. Strash. 2,176,110; Oct. 17.
Game counting device. J. D. McOsker. 2,162,631; June 13.
Game device. W. E. Andrews. 2,160,349; May 30.
Game device. C. J. Breitenstein. 2,144,240; Jan. 17.
Game device. J. H. Cannon. 2,145,846; Feb. 7.
Game device. R. E. Hilker. 2,167,074; July 25.
Game device. J. D. Irwin. 2,181,236; Nov. 28.
Game device. M. Ombrello. 2,151,141; Mar. 21.
Game device. W. R. Price. 2,167,775; Aug. 1.
Game device. M. H. Ronzone. 2,147,176; Feb. 14.
Game device. H. A. Rubens and E. R. Toerpe. 2,146,194; Feb. 7.
Game device. R. B. Rummel. 2,157,631; May 9.
Game device, Educational. F. C. Haumerson. 2,178,906; Nov. 7.
Game, Dice. A. J. Simonson. 2,183,269; Dec. 12.
Game, Educational. J. J. Harkins. 2,174,034; Sept. 26.
Game, Educational. W. L. Scott. 2,177,790; Oct. 31.
Game, Election. W. C. Sanford. 2,181,793; Nov. 28.
Game, Electric target practice. W. P. Falkenberg. 2,181,015; Nov. 15.
Game, Golf. B. A. Everett. 2,164,808; July 4.
Game indicator. L. S. Farner. 2,144,107; Jan. 17.
Game, Indoor golf. B. A. Kaplan. 2,179,891; June 14.
Game, Indoor golf. G. L. Schanz. 2,173,697; Sept. 19.
Game, Marble. W. Becker. 2,182,577; Dec. 5.
Game, Mechanical. B. F. Smith. 2,180,123; Nov. 14.
Game, Novel card. M. Goldman. 2,162,428; June 13.
Game of skill. J. Mahawash. 2,165,145; July 4.
Game of the geographic type, Educational. A. J. Beneteau. 2,175,591; Oct. 10.
Game or toy, Catapult. G. N. Nicot and J. R. Miller. 2,146,156; Feb. 7.
Game, Playing. B. A. Oehler. 2,145,608; Jan. 31.
Game, Racing. T. T. Hill. 2,183,771; Dec. 19.
Game, Shooting-gallery. C. J. Breitenstein and D. E. Hooker. 2,161,012; June 6.
Game table. J. G. Blaschke. 2,174,613; Oct. 3.
Game table. I. Ruit. 2,165,907; July 11.
Game, Table marble. F. W. Falck. 2,167,352; July 25.
Game, Target indicating. A. E. Browning. 2,168,644; Aug. 8.
Game, Word-building. L. Grudin. 2,175,939; Oct. 10.
Games, Apparatus for table tennis. H. W. Kachel. 2,174,884; Oct. 3.
Gaming device. O. T. Bergenn. 2,166,115; July 18.
Gang switch. H. C. Hall. 2,177,483; Oct 24.
Garbage, ash, and refuse disposal and land reclamation process. L. M. McCarthy. 2,164,536; July 4.
Garbage can. W. S. Griffin, Jr., W. A. Harris, and D. H. Wallace, Jr. 2,160,433; May 30.
Garbage can cover. H. Dunbar. 2,153,916; Apr. 11.
Garbage disposal device. L. D. Pender. 2,177,328; Oct. 24.
Garden hose holder. G. Ansorge. 2,153,290; Apr. 4.
Garden hose reel. J. E. Vogler and C. A. Lyon. 2,174,099; Sept. 26.
Garden tool. H. Ayliffe. 2,164,373; July 4.
Garden tool. T. R. Barnett. 2,142,298; Jan. 3.
Garden tool. A. S. Lathan. 2,181,189; Nov. 28.
Gardening implement. A. M. Guynn. 2,184,217; Dec. 19.
Garment. O. Berman. 2,155,076; Apr. 18.
Garment. W. A. Boetcker. 2,166,088; July 11.
Garment. D. B. Cleveland. 2,169,759; Aug. 15.
Garment. J. Cohen. 2,157,784; May 9.
Garment. A. R. Fitch. Re. 20,184; Aug. 29.
Garment. A. R. Fitch. 2,142,814; Jan. 3.
Garment. C. H. Fleck. 2,174,655; Oct. 3.
Garment. E. Forrest. 2,144,875; Jan. 24.
Garment. R. W. Hill. 2,158,797; May 16.
Garment. W. R. Jay. 2,153,838; Apr. 11.
Garment. W. J. Jones. 2,162,697; June 20.
Garment. F. C. Kessler. 2,164,683; July 4.
Garment. K. L. Klauder. 2,179,335; Nov. 7.
Garment. H. S. Kohler. 2,170,083; Aug. 22.
Garment. W. Kops. 2,147,166; Feb. 14.
Garment. T. La Maida. 2,166,012; July 11.
Garment. M. London. 2,181,517; Nov. 28.
Garment. M. Mayer. 2,160,078; May 30.
Garment. M. Nelson. 2,147,265; Feb. 14.
Garment. B. Rabbiner. 2,152,211; Mar. 28.
Garment. B. H. Reeves. 2,170,339; Aug. 22.
Garment. H. Rosenfelder. 2,142,479; Jan. 3.
Garment. D. Rothstein. 2,160,521; May 30.
Garment. E. Swan. 2,160,096; May 30.
Garment. C. F. Trageser. 2,179,675; Nov. 14.
Garment. M. Urbon. 2,152,575; Mar. 28.
Garment. E. E. Vecchi. 2,177,543; Oct. 24.
Garment. C. F. Waxman and R. Pogoda. 2,170,703; Aug. 22.
Garment, Air conditioned. J. Hellmann, E. L. Keyes, and J. A. Petrone. 2,171,337; Aug. 29.
Garment and fastening means. J. R. Lankenau. Re. 21,092; May 16.
Garment and handbag, Combination. N. Aug. 2,146,243; Feb. 7.
Garment and making same, Knit. L. A. Kesselman. 2,143,444; Jan. 10.
Garment and making the same. O. J. Edelmann. 2,145,075; Jan. 24.
Garment, Apparel. B. Lewis. 2,172,210; Sept. 5.
Garment bag. G. K. Ballentin. 2,159,959; May 30.
Garment bag. G. E. Lofgren. 2,176,140; Oct. 17.
Garment bagging apparatus. C. S. Allen. 2,144,907; Jan. 24.
Garment blocker. F. J. Bolek and T. S. Levis. 2,161,451; June 6.
Garment blocking device. H. McKee. 2,160,337; May 30.
Garment, Body supporting. R. M. Kapinas. 2,180,111; Nov. 14.
Garment carrier. A. E. Currie. 2,176,792; Oct. 17.
Garment, Child's. R. Yacovino. 2,184,329; Dec. 26.
Garment clamp, Laundry press. S. Marvin. 2,159,667; May 23.
Garment cleaning device. F. Stuprich. 2,183,051; Dec. 12.
Garment cleaning system. G. W. Johnson. 2,146,262; Feb. 7.
Garment cleaning system. G. W. Johnson. 2,165,487; July 11.
Garment, Combination. H. Soldinger. 2,180,970; Nov. 21.
Garment construction. J. Giuseffi. 2,169,490; Aug. 15.
Garment construction, Lady's. P. Wenett. 2,172,965; Sept. 12.
Garment device. D. J. Bellin. 2,169,552; Aug. 15.

Garment elements. Method and apparatus for pressing tubular. J. H. Leef. 2,180,938; Nov. 21.
Garment engaging yoke, Fabricating a. E. F. Holthaus. 2,173,507; Sept. 19.
Garment fitting device. R. C. Welch. 2,150,305; Mar. 14.
Garment for women, Foundation. J. Leonard. 2,164,136; June 27.
Garment, Foundation. M. Ciringione. 2,168,931; Aug. 8.
Garment, Foundation. E. R. Kaupp. 2,158,506; May 16.
Garment, Foundation. W. Kops. 2,169,585; Aug. 15.
Garment, Foundation. J. Werner. 2,144,092; Jan. 17.
Garment hanger. E. J. Anderson. 2,145,503; Jan. 31.
Garment hanger. N. E. Brooke. 2,160,325; May 30.
Garment hanger. B. F. Clark and V. D. Humbert. 2,165,129; July 4.
Garment hanger. J. D. Coney. 2,151,012; Mar. 21.
Garment hanger. J. D. Coney. 2,160,127–9; May 30.
Garment hanger. G. W. Dear and R. L. Thompson. 2,163,485; June 20.
Garment hanger. H. Diener. 2,153,551; Apr. 11.
Garment hanger. M. L. Donnellan. 2,151,502; Mar. 21.
Garment hanger. F. Freise. 2,148,688; Feb. 28.
Garment hanger. M. V. Gray. 2,152,884; Apr. 4.
Garment hanger. H. A. Grotte and S. Richardson. 2,158,539; May 16.
Garment hanger. R. Guyer. 2,164,208; June 27.
Garment hanger. R. Guyer. 2,175,506; Oct. 10.
Garment hanger. R. Guyer. 2,182,665; Dec. 5.
Garment hanger. R. Guyer and R. B. Lewis, jr. 2,164,207; June 27.
Garment hanger. S. E. Herman. 2,168,647; Aug. 8.
Garment hanger. C. A. Isaacson. 2,170,686; Aug. 22.
Garment hanger. W. W. Keys. 2,164,525; July 4.
Garment hanger. A. S. T. Lagaard. 2,172,587; Sept. 12.
Garment hanger. H. W. Ligon. 2,158,465; May 16.
Garment hanger. W. C. Lyman. 2,170,479; Aug. 22.
Garment hanger. I. W. McLarty. 2,149,144; Feb. 28.
Garment hanger. F. P. Mies. 2,178,048; Oct. 31.
Garment hanger. J. S. Milburn. 2,180,252; Nov. 14.
Garment hanger. B. T. Petty. 2,164,420; July 4.
Garment hanger. N. L. Poole. 2,149,908; Mar. 7.
Garment hanger. F. A. Rentchler. 2,164,941; July 4.
Garment hanger. W. R. Richards. 2,169,431; Aug. 15.
Garment hanger. J. V. Rowan. 2,169,538; Aug. 15.
Garment hanger. H. C. Ruen. 2,160,173; May 30.
Garment hanger. C. Sadowsky. 2,165,072; July 4.
Garment hanger. O. F. Schantz. 2,172,131; Sept. 5.
Garment hanger. I. Silverman. 2,151,621; Mar. 21.
Garment hanger. H. M. Simmons and H. C. Ruen. 2,152,156; Mar. 28.
Garment hanger. H. L. Stell. 2,153,439; Apr. 4.
Garment hanger. A. B. Tammen. 2,180,263; Nov. 14.
Garment hanger. B. M. Yankovitch. 2,153,905; Apr. 11.
Garment hanger. L. A. Young. 2,155,071; Apr. 18.
Garment hanger. L. A. Young. 2,160,188; May 30.
Garment hanger. L. A. Young. 2,177,163; Oct. 24.
Garment hanger cover. A. F. Coney. 2,151,011; Mar. 21.
Garment hanger cover. H. C. Ruen. 2,155,737; Apr. 25.
Garment hanger machine. F. B. Todd. 2,152,109; Mar. 28.
Garment hanger, Safety. J. H. Beckmann. 2,162,796; June 20.
Garment hanger support. C. L. Gill. 2,150,826; Mar. 14.
Garment having closed neck opening. H. L. Redmond. 2,169,164; Aug. 8.
Garment holding clip. L. Oliver. 2,160,897; June 6.
Garment holding clip. L. Oliver. 2,182,853; Dec. 12.
Garment, Lady's. W. Freedman. 2,148,344; Feb. 21.
Garment, Lifesaving. L. R. Temple. 2,181,159; Nov. 28.
Garment manufacture. P. Segal. 2,156,640; May 2.
Garment-pressing machine. H. E. Page. 2,175,127; Oct. 3.
Garment, Protective. A. E. Kennedy. 2,163,463; June 20.
Garment, Protective. F. H. Meendsen. 2,176,463; Oct. 17.
Garment, Protective athletic. B. R. Holder. 2,179,631; Nov. 14.
Garment rack, Multiple. E. R. Davidson. 2,178,779; Nov. 7.
Garment, Rubber. A. N. Spånel. 2,158,207; May 16.
Garment, Rubber. A. N. Spånel. 2,173,344; Sept. 19.
Garment sacker. E. J. Schoenlaub. 2,168,962; Aug. 8.
Garment seam. R. Goldsmith. 2,151,381; Mar. 21.
Garment, Sleeper's. J. A. Giusto. 2,143,064; Jan. 10.
Garment spotting machine. E. F. Morken. 2,174,387; Sept. 26.
Garment, such as baby pants, Rubber. A. N. Spånel. 2,177,307; Oct. 24.
Garment support. J. S. Bennett. 2,173,468–9; Sept. 19.
Garment support. S. D. Kennedy. 2,145,514; Jan. 31.
Garment support. L. H. Lozier. 2,154,464; Apr. 18.
Garment, Surgical. B. C. Mott. 2,166,727; July 18.
Garment, Suspensory. T. La Maida. 2,166,010; July 11.
Garment-ventilating means. A. H. Cohen. 2,181,175; Nov. 28.
Garment, Waterproofed. H. A. Speh. 2,144,514; Jan. 17.
Garment with disappearing-type hood. E. M. Kolly. 2,150,171; Mar. 14.
Garments, Cleaning. T. M. Langan and G. H. Condit. 2,174,793; Oct. 3.
Garments, Laundering sleeved. M. Troy. 2,143,928; Jan. 17.
Garments, Size divider for. G. L. Hendrix. 2,176,713; Oct. 17.
Garter. H. W. Lakin. 2,169,259; Aug. 15.
Garter fastener. E. J. Schuhmacher. 2,163,521; June 20.
Gas absorbing system. R. B. Everson. 2,148,902; Feb. 28.
Gas absorption. F. H. Kranz. 2,165,490; July 11.
Gas administration. J. L. Bloomheart. 2,144,479; Jan. 17.
Gas admixtures, Automatic indication of inflammable. G. Keinath and H. Gruss. 2,170,056; Aug. 22.
Gas analysis. J. B. Littlefield. 2,174,349; Sept. 26.
Gas analysis apparatus. D. E. Olshevsky. 2,154,862; Apr. 18.
Gas analysis apparatus. W. J. Sweeney. 2,170,435; Aug. 22.
Gas analysis, Apparatus for. W. A. McMillan and H. A. Cole. 2,147,607; Feb. 14.
Gas analysis apparatus, Thermal conductivity. E. A. Keeler. 2,146,300; Feb. 7.
Gas analysis, Method of and apparatus for. W. A. McMillan and H. A. Cole. 2, 147,606; Feb. 14.
Gas analyzer. D. Labino. 2,174,923; Oct. 3.
Gas analyzer. P. T. and C. A. Sprague, and A. Soller. 2,179,867; Nov. 14.
Gas and air mixing device. M. F. Kowalski. 2,182,874; Dec. 12.
Gas and liquid contact apparatus. R. L. Hasche. 2,159,988; May 30.
Gas and liquid contact apparatus. A. J. V. Underwood. 2,180,888; Nov. 21.
Gas and liquid pumping and separating apparatus. D. J. Nelson. 2,150,125; Mar. 7.
Gas and manufacturing acetaldehyde therewith, Purifying acetylene. E. M. Murphree. 2,183,148; Dec. 12.
Gas and metal vapor discharge tube. H. J. Spanner. 2,181,924; Dec. 5.
Gas and method of producing whipped cream, Cream whipping. I. M. Diller. 2,155,260; Apr. 18.
Gas and water regulator, Automatic. O. W. Hahn. 2,164,323; July 4.
Gas, Apparatus for heating. H. W. Davenport. 2,181,654; Nov. 28.
Gas, Apparatus for producing. J. U. McDonald. 2,168,652; Aug. 8.
Gas, Apparatus for producing combustible. A. Holden and W. A. Brown. 2,157,487; May 9.
Gas, Apparatus for storing and dispensing liquefied hydrocarbon. D. J. Little. 2,166,913; July 18.
Gas, Apparatus for the treatment of. L. Saives. 2,147,551; Feb. 14.
Gas apparatus, Photosensitive. C. Chilowsky. 2,153,456; Apr. 4.
Gas burner. F. A. Baynes. 2,181,862; Dec. 5.
Gas burner. J. E. Browning. 2,180,789; Nov. 21.
Gas burner. I. V. Brumbaugh. 2,150,819; Mar. 14.
Gas burner. A. J. Burklin. 2,143,908; Jan. 17.
Gas burner. J. E. Chambers. 2,162,374; June 13.
Gas burner. L. V. Fogas. 2,174,626; Oct. 3.
Gas burner. U. R. Goodale. 2,170,139; Aug. 22.
Gas burner. P. S. Harper. 2,156,533; May 2.
Gas burner. H. J. Long and H. Albrecht. 2,143,487; Jan. 10.
Gas burner. G. W. McKee. 2,164,417; July 4.
Gas burner. G. F. Naab and O. Lutherer. 2,167,183; July 25.
Gas burner. P. N. Reed. 2,153,938; Apr. 11.
Gas burner control. W. S. McDonough. 2,177,370; Oct. 24.
Gas calorimetry, Apparatus for. J. G. Stewart. 2,177,267; Oct. 24.
Gas cell. W. G. Gow. 2,171,502; Aug. 29.
Gas chamber, Lethal. E. C. Liston. 2,172,768; Sept. 12.
Gas compressor. F. J. Fette. 2,176,300; Oct. 17.
Gas, Continuous production of water. H. Koppers. 2,148,298–9; Feb. 21.
Gas conversion process. M. P. Youker. 2,163,113; June 20.
Gas detection apparatus. C. W. Johnson. 2,153,568; Apr. 11.
Gas dispensing system, Liquefied. L. J. White. 2,166,922; July 18.
Gas dispensing system, Liquefied. L. J. White. 2,177,620; Oct. 24.
Gas distribution systems, Treatment of. J. R. Skeen. 2,167,139; July 25.
Gas distribution systems, Treatment of. D. B. Williams. 2,167,138; July 25.
Gas distribution systems, Treatment of. D. B. Williams. 2,167,140–1; July 25.
Gas filler valve. J. Kantor. 2,168,841; Aug. 8.
Gas filter. K. W. Westlund and E. J. Dahlen. 2,162,043; June 13.
Gas fired furnace. S. and J. Stanworth. 2,180,774; Nov. 21.
Gas-firing regenerative furnace. G. M. Parker. 2,171,597; Sept. 5.
Gas flame control for heating furnaces. F. G. Schwalbe. 2,147,925; Feb. 21.
Gas flow regulator. A. E. Jurs. 2,161,171; June 6.

Gas free from tar and hydrocarbons, Producing water. F. Volk. 2,153,820; Apr. 11.
Gas, free of hydrocarbons, from bituminous fuels, Continuous production of water. W. Linder. 2,172,740; Sept. 12.
Gas from organic liquids, Removal of. K. C. D. Hickman. 2,180,051; Nov. 14.
Gas, Generating. A. J. Diescher. 2,163,871; June 27.
Gas generating apparatus. J. T. Dockery. 2,172,021; Sept. 5.
Gas, Generating combustible. W. H. Hermsdorf. 2,145,874; Feb. 7.
Gas generator. K. W. Goulet. 2,178,372; Oct. 31.
Gas generator. W. R. Robinson. 2,171,893; Sept. 5.
Gas generator. A. W. Schisler. 2,152,978; Apr. 4.
Gas generator. W. M. Venable. 2,182,684; Dec. 5.
Gas heater. J. O. Bailey. 2,156,423; May 2.
Gas heater. W. Linder. 2,175,611; Oct. 10.
Gas heating apparatus. H. G. Landis. 2,181,138; Nov. 28.
Gas holder. F. Einbeck and O. Korbmacher. 2,184,795; Dec. 26.
Gasholder, Collapsible. K. Jagschitz. 2,171,567; Sept. 5.
Gas holder, Water sealed. L. A. Wilkin. 2,163,076; June 20.
Gas in a closed region, Apparatus for controlling the amount of a. V. E. Carbonara. 2,160,326; May 30.
Gas insulated cable, High tension. H. M. Hobart. 2,167,510; July 25.
Gas lift apparatus. T. E. Bryan. 2,145,918; Feb. 7.
Gas-lift pump. W. J. Crites. 2,142,483; Jan. 3.
Gas-lift pump. G. P. Jennings. 2,142,484; Jan. 3.
Gas-lift pump. J. P. Stephens, C. M. Rader, F. E. Steele, and W. F. Flood. 2,142,482; Jan. 3.
Gas-lift pump. J. P. Stephens, F. E. Steele, W. F. Flood, and C. M. Rader. 2,142,485; Jan. 3.
Gaslighter, Electric. N. E. Nilsson. 2,146,977; Feb. 14.
Gas liquid contact apparatus and method. F. H. Kranz. 2,165,489; July 11.
Gas, Making carbureted water. R. P. Oliveros and L. L. Newman. 2,142,676; Jan. 3.
Gas making, Continuous process of. G. M. Parker. 2,171,596; Sept. 5.
Gas making, Continuous process of. G. M. Parker. 2,172,106; Sept. 5.
Gas, Making high British thermal units carbureted water. L. E. Osmer and W. Tiddy. 2,183,845; Dec. 19.
Gas, Manufacture of. C. C. Van Nuys. 2,177,379; Oct. 24.
Gas, Manufacture of high calorific value. A. Johnson and M. M. Brandegee. 2,166,094; July 11.
Gas mapping. G. S. Bays. 2,165,440; July 11.
Gas-mask eyepiece mounting. J. B. Dym. 2,158,693; May 16.
Gas material, Method and apparatus for dispensing. W. F. Mesinger. 2,180,090; Nov. 14.
Gas material, Method and apparatus for handling. L. I. Dana and O. A. Hansen. 2,148,109; Feb. 21.
Gas metallic vapor lamp, Electric incandescent high pressure. H. Swanson. 2,154,542; Apr. 18.
Gas meter. W. H. Knight, Jr. 2,165,387; July 11.
Gas, Method of and apparatus for analyzing. B. Miller. 2,152,439; Mar. 28.
Gas, Method of and apparatus for storing and dispensing liquefied. D. J. Little. 2,166,915; July 18.
Gas mixing apparatus. E. L. Anderson. 2,159,495; May 23.
Gas mixtures, Producing hydrogen-enriched. E. Karwat. 2,170,265; Aug. 22.
Gas of oxygen, Freeing. R. R. La Pelle. 2,144,497; Jan. 17.
Gas or vapor discharge device. W. Elenbaas. 2,177,694; Oct. 31.
Gas plant, Producer. J. A. Macdonald. 2,171,184; Aug. 29.
Gas-port cooler. S. Naismith. 2,152,491; Mar. 28.
Gas pressure regulator. M. H. Grove. 2,177,825; Oct. 31.
Gas pressure regulator. H. A. Hallum. 2,148,618; Feb. 28.
Gas pressure regulator. A. D. MacLean. 2,147,850; Feb. 21.
Gas pressure regulator. L. W. Stettner. 2,156,823; May 2.
Gas, Process and apparatus for analyzing. L. L. Vayda and J. A. Stein. 2,143,041; Jan. 10.
Gas process, High-pressure. W. H. Vaughan. 2,151,248; Mar. 21.
Gas producer. H. Isendahl. 2,152,411; Mar. 28.
Gas producer. L. Koller. 2,143,987; Jan. 17.
Gas producer. H. Koppers. 2,179,637-8; Nov. 14.
Gas producer. P. van Ackeren. 2,147,324; Feb. 14.
Gas producer control. G. W. Allen. 2,153,057; Apr. 4.
Gas, Production of water. H. Koppers. 2,151,121; Mar. 21.
Gas purger, Noncondensable. J. H. Cather. 2,172,239; Sept. 5.
Gas purification. C. W. Jordan. 2,181,433; Nov. 28.
Gas purifying apparatus. J. Fletcher and L. Kooistra. 2,143,191; Jan. 10.
Gas reaction method. R. Auerbach. 2,167,471; July 25.
Gas receptor. T. L. Hollister. 2,149,053; Feb. 28.
Gas-recording apparatus, Chronological. C. M. Hyle. 2,159,380; May 23.
Gas regulator. M. H. Grove. 2,158,068; May 16.
Gas regulator system. H. J. Shafer. 2,148,509; Feb. 28.
Gas safety heater. R. Wacek. 2,158,643; May 16.
Gas scrubber and sterilizer. J. D. Markwood. 2,148,486; Feb. 28.
Gas separation. L. Horvitz. 2,177,139; Oct. 24.
Gas separator, Centrifugal. G. L. Pratt. 2,147,671; Feb. 21.
Gas shipping tank. C. O. Booth. 2,179,682; Nov. 14.
Gas storage and dispensing system, Liquefied. L. J. White. 2,176,829; Oct. 17.
Gas storage and dispensing system, Liquefied hydrocarbon. D. J. Little. 2,166,912; July 18.
Gas storage and dispensing system, Liquefied hydrocarbon. D. J. Little. 2,166,914; July 18.
Gas stove burner. G. and H. Petersen. 2,179,951; Nov. 14.
Gas supply apparatus. G. M. Booth. 2,158,976; May 16.
Gas supply apparatus. G. D. Peet. 2,158,985; May 16.
Gas supply system. W. C. Buttner. 2,176,580; Oct. 17.
Gas system, Buried. W. C. Buttner and R. E. Evarts. 2,155,179; Apr. 18.
Gas tank cover, Siphon and theftproof. J. A. Roberts. 2,147,755; Feb. 21.
Gas testing. M. G. Jacobson. 2,156,693; May 2.
Gas testing device. F. W. Dwyer. 2,181,013; Nov. 21.
Gas testing method and apparatus. M. G. Jacobson. 2,149,441; Mar. 7.
Gas-tight joint. G. Rabuteau and G. P. Chevigny. 2,151,937; Mar. 28.
Gas transmission lines, Preventing freeze-ups in. J. T. Russell. 2,142,212; Jan. 3.
Gas treater. H. A. Wintermute. 2,172,304; Sept. 5.
Gas, Treating natural. B. M. Laulhere. 2,180,596; Nov. 21.
Gas treatment. H. A. Wintermute. 2,171,617; Sept. 5.
Gas valve. R. E. Schoenberger. 2,162,231-2; June 13.
Gas valve, Adjustable. O. P. Williams. 2,178,676; Nov. 7.
Gas-washing apparatus. A. J. Ebner. 2,163,141; June 20.
Gas washing apparatus. C. M. Gerhold. 2,184,185; Dec 19.
Gaseous discharge device. C. G. Smith. 2,179,601; Nov. 14.
Gaseous discharge device, Electric. H. Alterthum and A. Lompe. 2,152,985; Apr. 4.
Gaseous discharge device, Electric. V. J. Francis. 2,177,703; Oct. 31.
Gaseous discharge device, Electric. E. Friederich. 2,152,993; Apr. 4.
Gaseous discharge device, Electric. G. Gaidies, H. Krefft, and H. Kummer. 2,175,345; Oct. 10.
Gaseous discharge device, Electric. G. Holst. 2,176,134; Oct. 17.
Gaseous discharge device, Electric. J. Lecorguillier. 2,177,895; Oct. 31.
Gaseous discharge device, Electrical. C. G. Smith. 2,179,673; Nov. 14.
Gaseous discharge devices, System for starting and operating. J. G. Sola. 2,183,228; Dec. 12.
Gaseous discharge tube. A. Kauffeldt. 2,171,215; Aug. 29.
Gaseous mixture, Separation and purification of. H. A. Gollmar. 2,163,169; June 20.
Gaseous mixtures, Fractionating. H. J. Nichols, Jr., and G. L. Mateer. 2,160,163; May 30.
Gaseous mixtures, Purification and separation of. R. W. Millar and R. L. Maycock. 2,164,194; June 27.
Gaseous mixtures, Purification and separation of. E. W. Zublin. 2,157,879; May 9.
Gaseous mixtures, Separating the constituents of. J. L. Schlitt. 2,180,435; Nov. 21.
Gaseous mixtures, Separation of. P. Schuftan. 2,144,692; Jan. 24.
Gases, Absorption of. G. L. Mateer and W. H. Rupp. 2,157,343; May 9.
Gases and oils and absorption system therefor, Conversion of hydrocarbon. G. L. Eaton. 2,182,536; Dec. 5.
Gases and vapors, Absorbing and condensing digestion. A. D. Merrill and T. L. Dunbar. 2,165,644; July 11.
Gases and vapors, Cracking hydrocarbon. S. A. Guerrieri. 2,163,170; June 20.
Gases and vapors, Method of and apparatus for separating mixed. L. S. Twomey. 2,146,197; Feb. 7.
Gases, Apparatus for analyzing. O. G. Bennett. 2,162,395; June 13.
Gases, Apparatus for compressing. V. Bush. 2,157,229; May 9.
Gases, Apparatus for determining the quantity of constituents in. J. J. Dowling. 2,147,969; Feb. 21.
Gases, Apparatus for separating. E. C. Furrer. 2,170,071; Aug. 22.
Gases, Apparatus for the compression of. E. Kägi. 2,155,051; Apr. 18.
Gases, Apparatus for the wet purification of. G. Nonhebel and J. L. Pearson. 2,142,406; Jan. 3.
Gases, Apparatus for treating. E. Sander. 2,147,109; Feb. 14.
Gases by rectification, Process and apparatus for the separation of. J. Kopp. 2,142,446; Jan. 3.
Gases, Composition for dehumidifying. S. B. Heath and F. R. Minger. 2,143,008; Jan. 10.
Gases containing carbon monoxide, Converting. F. Bössner and C. Marischka. 2,183,301; Dec. 12.
Gases containing low boiling aldehydes, Scrubbing. R. H. Osterloh, C. Pyle, J. E. Voytilla, and R. C. Ficke. 2,169,369; Aug. 15.

Gases, Cooling. H. Baehr and K. Braus. 2,157,318; May 9.
Gases, Cooling. J. Schierenbeck. 2,153,644; Apr. 11.
Gases, Cooling liquefied. G. T. Reich. 2,145,130; Jan. 24.
Gases, Double use of scrubbing solutions for purification of hydrocarbon. C. M. Beamer and J. Hooton. 2,176,196; Oct. 17.
Gases during a welding operation, Method and apparatus for intercepting oil well casing. E. G. Summers. 2,175,137; Oct. 3.
Gases, Electrical purification of sulphur-containing. P. H. W. Agren. 2,143,365; Jan. 10.
Gases, especially coal distillation gases, Wet purification of. H. Baehr. 2,152,454; Mar. 28.
Gases from an enclosure, Method of and means for eliminating occluded. J. Lecorguillier. 2,178,326; Oct. 31.
Gases from engines, Exhaust of. H. Coanda. 2,173,550; Sept. 19.
Gases from liquids, Separating. A. Scheibe. 2,147,993; Feb. 21.
Gases from metals, Collecting. W. A. Hare, L. D. Peterson, and G. Soler. 2,143,982; Jan. 17.
Gases in liquids, Production of disperse. R. Auerbach. 2,151,547; Mar. 21.
Gases of internal combustion engines, Method and apparatus for treating and utilizing exhaust. G. L. Pratt. 2,147,670; Feb. 21.
Gases into liquid hydrocarbons, Conversion of hydrocarbon. C. R. Wagner. 2,181,749; Nov. 28.
Gases, Liquefaction and separation of. A. Messer. 2,180,715; Nov. 21.
Gases, Polymerization of hydrocarbon. F. M. Clothier, Jr., and H. W. Field. 2,166,129; July 18.
Gases, Polymerization of hydrocarbon. F. W. Sullivan, Jr., and R. F. Ruthruff. 2,145,900; Feb. 7.
Gases, Production of. M. Radtke. 2,175,613; Oct. 10.
Gases, Promoting and controlling the polymerization of hydrocarbon. P. A. Maschwitz. 2,159,746; May 23.
Gases, Purification of. A. N. Cole and A. L. Tannehill. 2,162,838; June 20.
Gases, Purification of. F. Giller and F. Winkler. 2,168,933; Aug. 8.
Gases, Purifying annealing. H. D. Holler. 2,151,764; Mar. 28.
Gases, Purifying flue. A. W. Anthony, Jr. 2,155,853; Apr. 25.
Gases, Reforming. R. G. Guthrie and O. J. Wilbor. 2,164,403; July 4.
Gases, Self-service system for storage and utilization of fuel. R. W. Thomas. 2,172,310; Sept. 5.
Gases to the action of liquids, Apparatus for subjecting. E. M. Salerni. 2,145,374; Jan. 31.
Gases, Treating. A. J. L. Hutchinson. 2,177,068; Oct. 24.
Gases, Treating. A. J. L. Hutchinson. 2,184,596; Dec. 26.
Gases, Treatment of acid. L. J. Burrage. 2,165,784; July 11.
Gases, Treatment of combustible. R. H. Griffith and B. Crawley. 2,152,473; Mar. 28.
Gases, Treatment of hydrocarbon. A. V. Grosse. 2,167,650; Aug. 1.
Gases with adsorbent solids, Treatment of. S. Pexton, W. K. Hutchison, and F. M. Birks. 2,157,565; May 9.
Gases with liquids, Apparatus for reacting. H. M. Guinot. 2,144,053; Jan. 17.
Gasifier. C. B. Larsen. 2,181,058; Nov. 21.
Gasifying apparatus. C. A. Killmeyer and G. L. Reichhelm. 2,176,305; Oct. 17.
Gasket. G. T. Balfe. 2,152,630; Apr. 4.
Gasket. G. T. Balfe. 2,169,516; Aug. 15.
Gasket. G. T. Balfe. 2,170,363; Aug. 22.
Gasket. J. G. Dickson. 2,167,643; Aug. 1.
Gasket and binding therefor. H. Goetze. 2,159,355; May 23.
Gasket, Composition. W. M. West. 2,155,457; Apr. 25.
Gasket compositions. H. A. Winkelmann. 2,164,368; July 4.
Gasket, Reinforced laminated. J. H. and J. B. Victor. 2,157,102; May 9.
Gasket, Sealing. R. P. Garrison. 2,182,614; Dec. 5.
Gaskets, Making. J. G. Dickson. 2,167,475; July 25.
Gaskets, Making. H. M. Dodge. 2,153,414; Apr. 4.
Gaskets, Making. L. E. Hoogstoel. 2,175,773; Oct. 10.
Gaskets, Making metal covered. W. Claypoole. 2,164,764; July 4.
Gaskets, Making saturated. E. C. Schacht and N. E. Oglesby. 2,175,774; Oct. 10.
Gasoline and fuel oil, Manufacture of. J. J. Downey and W. W. Murray. 2,170,795; Aug. 29.
Gasoline and the like, Apparatus for and method of recovering. G. G. Urquhart. 2,157,579; May 9.
Gasoline, Antiknock. R. H. Lamping. 2,149,221; Feb. 28.
Gasoline dispenser. C. Pleuthner. 2,175,483; Oct. 10.
Gasoline distillates, Treating. B. S. Greensfelder and M. E. Spaght. 2,174,174; Sept. 26.
Gasoline distillates, Treating raw. W. O. Keeling. 2,150,170; Mar. 14.
Gasoline, Making. B. H. Shoemaker. 2,180,372; Nov. 21.
Gasoline manufacture with by-product recovery. R. M. Isham and H. N. Lyons. 2,145,025; Jan. 24.
Gasoline, Producing. C. B. Hillhouse. 2,162,433; June 13.
Gasoline, Recovering casing-head. A. J. L. Hutchinson. 2,181,633; Nov. 28.
Gasoline refining. V. Voorhees. 2,168,691; Aug. 8.
Gasoline saver and vapor lock remover. F. C. Dalton. 2,161,409; June 6.
Gasoline, water, or other fluid pump, Air operated. F. M. Bennett. 2,184,706; Dec. 26.
Gasometer construction. H. Weichsel and G. A. Waters. 2,142,225; Jan. 3.

Gate: *See*—
Automatic gate.
Bulkhead gate.
Collapsible gate.
End gate.
Farm gate.
Self-closing gate.
Sluice gate.
Tide gate.
Trolley duct gate.

Gate. G. E. Raymond. 2,144,896; Jan. 24.
Gate and latch, Elevator. T. Patin. 2,183,582; Dec. 19.
Gate control device, Head. D. W. Karnes. 2,170,200; Aug. 22.
Gate control, Stuff. A. Allen. 2,180,656; Nov. 21.
Gate for die casting. N. Lester. 2,182,402; Dec. 5.
Gate for railroads, Highway and stock. J. S. Bretz. 2,184,207; Dec. 19.
Gate for thermoplastic molds. J. S. Reid. 2,165,762; July 11.
Gate latch. W. G. Moores. 2,169,846; Aug. 15.
Gate latch. H. D. Swetman. 2,155,808; Apr. 25.
Gate lock. T. E. Haught. 2,183,291; Dec. 12.
Gate operating means. F. A. Duffe. 2,180,803; Nov. 21.
Gate or barrier, Elevator. C. White. 2,182,508; Dec. 5.
Gate or the like, Swinging. E. Renner. 2,181,464; Nov. 28.
Gate structure, Crossing. M. M. Dilley. 2,148,733; Feb. 28.
Gate structure, Tail. F. M. Reid. 2,181,342; Nov. 28.
Gate valve. M. P. Laurent. 2,148,628; Feb. 28.
Gate valve, Automatic pressure controlled. M. A. Thomason. 2,160,766; May 30.
Gathering machine. E. C. McFarlane. 2,145,520; Jan. 31.
Gathering machine. F. M. Scudds. 2,148,586; Feb. 28.
Gathering machine, Automatic. E. C. Reeder. 2,172,519; Sept. 12.
Gathering mechanism for loading machines. J. L. Clarkson. 2,144,871; Jan. 24.

Gauge: *See*—
Battery water gauge.
Bite gauge.
Boring machine gauge.
Bowling alley gauge.
Carpenter's gauge.
Centering gauge.
Depth gauge.
Distance gauge.
Electric gauge.
Fixed dimension gauge.
Foil gauge.
Inclination gauge.
Linear dimension gauge.
Linking gauge.
Liquid gauge.
Liquid level gauge.
Metatarsal gauge.
Micrometer gauge.
Pick-off gauge.
Pinion gauge.
Pressure gauge.
Radius gauge.
Radius turning gauge.
Record precipitation gauge.
Screw thread gauge.
Siphon gauge.
Slide gauge.
Smoothness gauge.
Strain gauge.
Thickness gauge.
Tile cutting gauge.
Tire gauge.
Track gauge.
Track lining gauge.
Wheel-aligning gauge.

Gauge. L. Bennett. 2,165,881; July 11.
Gauge. R. O. Boehnke. 2,179,538; Nov. 14.
Gauge. J. T. Johansson. 2,173,019; Sept. 12.
Gauge. I. T. Morris. 2,151,611; Mar. 21.
Gauge. H. L. Whittemore. 2,177,605; Oct. 24.
Gauge. M. Klein and R. A. Tollefsen. 2,176,263; Oct. 17.
Gauge adjuster, Automatic. F. Barney and J. W. Lee. 2,153,860; Apr. 11.
Gauge adjusting means. R. T. Hedfield. 2,162,306; June 13.
Gauge and alignment detector, Railway track. G. R. Pflasterer. 2,158,013; May 9.
Gauge and checking stake, Tension. M. W. Sprague. 2,143,363; Jan. 10.
Gauge and comparator, Combined surface. E. H. Aldeborgh and A. H. Emery. 2,173,464; Sept. 19.
Gauge damping construction. H. Hastings and G. E. Ford. 2,147,031; Feb. 14.
Gauge for and method of waving hair. L. Quinio. 2,166,558; July 18.
Gauge for boilers, Water level sight. L. J. Bordo. 2,161,849; June 13.
Gauge for casing and drill pipes, Self-centering. R. Townsend. 2,166,650; July 18.
Gauge for channeling machines, Edge. W. R. Bolton. 2,179,490; Nov. 14.
Gauge for last lathes, Last block. E. Eldridge. 2,160,723; May 30.
Gauge for measurement of gas pressures. S. Palkin and T. C. Chadwick. 2,169,812; Aug. 15.
Gauge for motor vehicle fuel pumps, Testing. M. F. MacBride. 2,145,401; Jan. 31.
Gauge for plurality of tanks, Contents. C. A. de Giers. 2,154,066; Apr. 11.
Gauge for rakes, Depth. F. Friedheim. 2,152,377; Mar. 28.
Gauge for resilient rollers of printing presses, Setting. S. E. Faught. 2,162,425; June 13.

Gauge for setting printing press cylinders. S. E. Faught. 2,153,534; Apr. 11.
Gauge for setting revolvable emery grinder rollers, Setting. J. Dronsfield. 2,146,370; Feb. 7.
Gauge for tanks under air pressure, Hydrostatic liquid-contents. C. A. de Giers. 2,174,872; Oct. 3.
Gauge glass illuminating device. J. McClain. 2,154,819; Apr. 18.
Gauge system, Combination. D. F. Keith. 2,157,708; May 9.
Gauge, Wheel centering and camber. O. Haucke. Re. 21,052; Apr. 18.
Gauging apparatus. L. F. Poock and W. F. Aller. 2,159,343; May 23.
Gauging apparatus for liquid containers. J. H. Wiggins. 2,157,196; May 9.
Gauging device. W. E. Little. 2,158,466; May 16.
Gauging device. D. A. Walters. 2,145,841; Jan. 31.
Gauging device and screw-down control. H. S. Lamb. 2,154,946; Apr. 18.
Gauging, measuring, setting, indexing, and like instrument or device. C. Hirst. 2,144,972; Jan. 24.
Gauze, Semirigid. A. F. Luzzi. 2,174,796; Oct. 3.

Gear: *See*—

Aircraft landing gear.	Landing gear.
Airplane landing gear.	Locomotive running gear.
Automobile running gear.	Locomotive valve gear.
Bomb displacing gear.	Metal-clad switch gear.
Bumper draft gear.	Planet gear.
Carriage running gear.	Planetary reduction gear.
Change speed gear.	Power transmission gear.
Clamshell and other bucket gear.	Protective gear.
	Pumping gear.
Draft and buffer gear.	Radial engine valve gear.
Draft gear.	Reduction gear.
Driving gear.	Retractable landing gear.
Electrical switch gear.	Running gear.
Electrohydraulic steering gear.	Speed-reduction gear.
	Steering gear.
Hydraulic gear.	Swimming gear.
Hydraulic steering gear.	Switch gear.
Hydraulic transmission gear.	Transmission gear.
	Variable gear.

Gear. R. Seidel. 2,142,976; Jan. 3.
Gear. E. Wildhaber. 2,183,285; Dec. 12.
Gear abutment eliminator. G. R. Feigel. 2,180,290; Nov. 14.
Gear arrangement, Hydraulic. R. Fichtner. 2,146,569; Feb. 7.
Gear box. J. H. Bradbury. 2,158,054; May 16.
Gear changing device. E. J. Thurber. 2,156,209; Apr. 25.
Gear changing means for motor vehicles. R. C. Clerk. 2,173,036; Sept. 12.
Gear chuck. J. R. Garrison. 2,153,829; Apr. 11.
Gear construction. J. Hartmann. 2,163,277; June 20.
Gear control, Reduction. G. H. Acker. 2,175,047; Oct. 3.
Gear correcting apparatus, Running. S. W. Martin. 2,177,669; Oct. 31.
Gear coupling arrangement, Draft. A. Christianson. 2,149,840; Mar. 7.
Gear cutter, Universal. A. W. Klomp. 2,161,897; June 13.
Gear cutters, Making rotary. W. S. Praeg. 2,172,545; Sept. 12.
Gear-cutting machine. R. S. Drummond. 2,168,932; Aug. 8.
Gear device for automobile vehicles, Hydraulic change. A. Kégresse. 2,163,202; June 20.
Gear for airplanes, Retractable alighting. P. G. Ehrhardt and A. Sprater. 2,165,465; July 11.
Gear for airplanes, Retractable landing. R. L. Lévy. 2,147,536; Feb. 14.
Gear for airplanes, Retractable landing. J. Mercier. 2,157,963; May 9.
Gear for bicycles, Progressive acting change-speed. G. Roès. 2,148,837; Feb. 28.
Gear for hauling, cargo working, and like purpose, Winch. G. T. Macfarlane. 2,153,469; Apr. 4.
Gear for machine tools, especially lathes, Speed changing. O. Schaerer. 2,165,730; July 11.
Gear for motor vehicles, Running. O. C. Terrell. 2,180,917; Nov. 21.
Gear for road machinery, Steering. E. C. and W. E. Gledhill. 2,146,065; Feb. 7.
Gear for ship's boat, Propulsion. I. R. and F. E. Fleming. 2,158,414; May 16.
Gear for steam engines with poppet valve gear, especially for locomotive and marine steam engines, Reversing. H. Lentz. 2,149,353; Mar. 7.
Gear for tractors, Steering. F. Madden. 2,175,965; Oct. 10.
Gear for vehicles, Steering. E. J. Weston. 2,150,199; Mar. 14.
Gear for vehicles with swinging half-axles, Final drive. H. Ledwinka. 2,145,183; Jan. 24.
Gear generating tool. D. T. Hamilton. 2,179,230; Nov. 7.
Gear generator. H. E. Kitchen. 2,170,608; Aug. 22.
Gear grinding machine. C. G. Olson. 2,176,924; Oct. 24.
Gear having an automatically variable transmission ratio, Transmission. A. Vincenzoni. 2,159,462; May 23.
Gear, Hydraulic transmission. H. Föttinger. Re. 21,035; Mar. 28.
Gear, in particular for traction machines, Electrical transmission. J. Sousedik. 2,172,298; Sept. 5.
Gear lapping machine. J. M. Christman. 2,149,909; Mar. 7.
Gear-lapping machine. A. E. Thrun. 2,147,864; Feb. 21.
Gear mechanism, Change. C. H. Bissell. 2,146,787; Feb. 14.
Gear mechanism for looms, Idler. H. H. Grier. 2,147,027; Feb. 14.
Gear mechanism, Reversing. H. Sinclair. 2,171,715; Sept. 5.
Gear mounting. W. R. Griswold. 2,174,261; Sept. 26.
Gear of motor cars, Driving. R. Döme and P. Jaross. 2,167,295; July 25.
Gear pump. O. Bochmann. 2,176,388; Oct. 17.
Gear pump. G. F. Maglott. 2,159,744; May 23.
Gear pump. N. Seagren. 2,147,928; Feb. 21.
Gear pump, Variable capacity. G. W. Wilkin. 2,149,326; Mar. 7.
Gear set. J. M. Weydell. 2,153,856; Apr. 11.
Gear shift, Automatic. F. Friedman. 2,145,979; Feb. 7.
Gearshift, Automatic. G. W. Watson. 2,167,921; Aug. 1.
Gear shift, Dash control. J. I. Kushima and R. K. Agena. 2,145,516; Jan. 31.
Gear shift for vehicles, Automatic. A. C. Velo. 2,181,471; Nov. 28.
Gearshift mechanism. R. P. Breese. 2,179,710; Nov. 14.
Gear shift mechanism. A. R. Harvey. 2,143,654; Jan. 10.
Gear shifter. H. W. and E. R. Price. 2,152,914; Apr. 4.
Gear shifter, Fluid pressure operated. P. M. Carter and L. A. Larsen. 2,181,963; Dec. 5.
Gear shifter, Fluid-pressure-operated. H. N. Durham. 2,157,328; May 9.
Gear shifting attachment. B. Kuntz. 2,154,513; Apr. 18.
Gear shifting device. T. G. Mehlberth. 2,142,732; Jan.3.
Gear shifting means. R. Gambardella. 2,159,846; May 23.
Gear shifting mechanism. O. K. Butzbach. 2,180,579; Nov. 21.
Gear shifting mechanism. R. H. Casler. 2,157,592; May 9.
Gear shifting mechanism. G. F. Houston and R. S. Sanford. 2,163,880; June 27.
Gear shifting mechanism. R. L. Kahn. 2,182,438; Dec. 5.
Gear shifting mechanism. V. W. Kliesrath. 2,163,883; June 27.
Gear-shifting mechanism. V. W. Kliesrath and R. P. Breese. 2,177,662; Oct. 31.
Gear-shifting mechanism. L. L. Salassi. 2,174,950; Oct. 3.
Gear-shifting mechanism. C. Stegmeier. 2,170,736; Aug. 22.
Gear shifting mechanism. A. Vanderveld. 2,168,592; Aug. 8.
Gear shifting mechanism. J. C. Weaver. 2,163,741; June 27.
Gear shifting mechanism, Automatic. E. G. Hill. 2,160,331; May 30.
Gear shifting mechanism for motor vehicles. H. Baade. 2,179,368; Nov. 7.
Gear shifting mechanism for motor vehicles. H. W. Hey. 2,164,990; July 4.
Gear shifting mechanism for motor vehicles. H. W. Hey. 2,175,152; Oct. 3.
Gear shifting mechanism for motor vehicles. H. W. Hey. 2,180,330; Nov. 14.
Gear shifting mechanism for motor vehicles. E. G. Hill and H. W. Hey. 2,181,532; Nov. 28.
Gear shifting mechanism for motor vehicles. E. D. Lasley. 2,169,478; Aug. 15.
Gear shifting mechanism for motor vehicles. E. D. Lasley. 2,173,438; Sept. 19.
Gear shifting mechanism for motor vehicles. E. D. Lasley. 2,178,177; Oct. 31.
Gear shifting mechanism for motor vehicles. J. H. Spangler. 2,176,383; Oct. 17.
Gear-shifting mechanism, Hydraulic. A. G. Whitehead. 2,177,011; Oct. 24.
Gear shifting system. B. D. Bachman, C. E. Fogg, and D. J. Macklin. 2,178,061; Oct. 31.
Gear tooth chamfering and burring machine. E. R. Fish. 2,174,783; Oct. 3.
Gear transmission. S. A. Owen and E. P. Watt 2,153,478; Apr. 4.
Gear transmission, Automatic. H. E. Perez. 2,151,151; Mar. 21.
Gear wheel. A. R. Thompson. 2,179,967; Nov. 14.
Gear wheel grinding apparatus. M. G. E. Philippe. 2,172,032; Sept. 5.
Gear with hydraulic control, Two-speed step-up. M. J. B. Barbarou. 2,170,444; Aug. 22.
Geared driving arrangement. W. Lenz. 2,180,154; Nov. 14.
Gearing. J. L. Perkins. 2,173,660; Sept. 19.
Gearing. E. A. Ryder. 2,144,937; Jan. 24.
Gearing. B. R. Granberg and A. G. Ericson. 2,183,514; Dec. 12.
Gearing assembly, Power transmission. A. Kuhns. 2,148,564; Feb. 28.
Gearing, Change-speed. C. Crosthwaite. 2,149,668; Mar. 7.

Gearing, Change speed friction. W. L. Groene. 2,173,608; Sept. 19.
Gearing, Change-speed transmission. C. D. Peterson. 2,180,019; Nov. 14.
Gearing, Cogwheel change-speed. F. Kreis. 2,143,325; Jan. 10.
Gearing, Combination fluid turbo clutch and variable speed. O. K. Kelley. 2,176,138; Oct. 17.
Gearing, Combined reduction and reversing. G. L. Williams. 2,148,313; Feb. 21.
Gearing comprising pressure fluid operated control coupling, Reversing. A. Dürig. 2,161,702; June 6.
Gearing, Differential. A. R. Spicacci. 2,142,575; Jan. 3.
Gearing, Engine starter. D. P. Kearney. 2,163,841; June 27.
Gearing, Engine starter. W. L. McGrath. 2,151,042; Mar. 21.
Gearing, Engine starter. Y. Sekella. 2,173,983; Sept. 26.
Gearing for bicycles. P. R. Torres. 2,169,171; Aug. 8.
Gearing for liquid dispensing apparatus. E. A. Slye, E. Wild, J. B. Hoye, and H. L. Spaunburg. 2,151,239; Mar. 21.
Gearing for liquid dispensing apparatus. H. L. Spaunburg and E. A. Slye. 2,181,712; Nov. 28.
Gearing for washing machines and related supporting structure therefor, Driving. E. J. Pickerell. 2,176,446; Oct. 17.
Gearing, Friction. H. Köhl. 2,149,057; Feb. 28.
Gearing, Frictional. H. F. Vickers. 2,182,458; Dec. 5.
Gearing, Frictional transmission. F. Götz. 2,164,516; July 4.
Gearing, Overdrive. O. H. Banker. 2,159,980; May 30.
Gearing, Overdrive. F. W. Cotterman. 2,146,795; Feb. 14.
Gearing, Planetary automotive transmission. F. W. Cotterman. 2,142,866; Jan. 3.
Gearing, Toothed. S. S. Cook and L. M. Douglas. 2,176,956; Oct. 24.
Gearing, Transmission. E. Birk. 2,143,236; Jan. 10.
Gearing, Turbo. R. Fichtner. 2,145,006; Jan. 24.
Gearing, Variable hydraulic transmission. D. W. Fletcher. 2,153,796; Apr. 11.
Gearing, Variable-speed. A. J. Lenox. 2,183,460; Dec. 12.
Gearing, Variable speed. T. B. Martin. 2,167,846; Aug. 1.
Gearing, Variable speed. F. F. Ruau. 2,180,481; Nov. 21.
Gearing, Vehicle transmission. F. W. Cotterman. 2,163,192; June 20.
Gears and apparatus therefor, Spiral rolling generating process for bevel. H. Schicht. 2,171,406; Aug. 29.
Gears and the like, Lapping the curved surface of. A. W. Klomp. 2,165,386; July 11.
Gears, Apparatus for cutting. R. L. Mattson. 2,177,147; Oct. 24.
Gears, Apparatus for processing. R. L. Stephenson. 2,146,516; Feb. 7.
Gears, Correlating. H. W. Falk and W. S. Henderson. 2,142,723; Jan. 3.
Gears, Finishing. J. C. Drader and J. D. Rovick. 2,167,146; July 25.
Gears, Forming helical. E. L. Ackerman. 2,174,814; Oct. 3.
Gears, Making. C. A. Neracher. 2,151,435; Mar. 21.
Gears, Method and apparatus for grinding. E. Wildhaber. 2,183,759; Dec. 19.
Gears, Method and apparatus for hardening. H. Schicht. 2,166,731; July 18.
Gears, Method of and machine for grinding. E. Wildhaber. 2,164,978; July 4.
Gel and making the same, Hydrous silicate. E. W. Rembert. 2,165,578; July 11.
Gelatin. R. C. Newton and F. L. De Beukelaer. 2,155,733; Apr. 25.
Gelatin and glue, Treatment of. R. J. F. Jacquet. 2,166,297; July 18.
Gelatin, Making activated S. Reynolds. 2,183,084; Dec. 12.
Gelatin, Manufacture of. J. V. S. Glass. 2,184,494; Dec. 26.
Gelatin relief. M. Herbst and W. Frankenburger. 2,181,485; Nov. 28.
Gelatin, Treating. E. Elöd and E. Demme. 2,152,627; Apr. 4.
Gelatin treatment. D. P. Grettie. 2,158,117; May 16.
Gelatinous substances, Apparatus for and method of drying. T. K. Lowry. 2,142,568; Jan. 3.
Gem grinding machine. E. C. Smith. 2,163,987; June 27.
Gem setting. O. Gruber. 2,147,740; Feb. 21.
Gem setting. J. C. Link. 2,181,489; Nov. 28.
General utility tool. J. A. Wardle. 2,158,444; May 16.
Generating apparatus. T. J. Rees. 2,172,260; Sept. 5.
Generating system. R. R. Candor and D. F. Alexander. 2,170,546; Aug. 22.
Generator: *See*—
Arc welding generator.
Constant voltage generator.
Cross-field generator.
Current welding generator.
Direct-current arc-welding generator.
Electric generator.
Electric ozone generator.
Electric steam generator.
Electrical oscillator generator.
Electrical synchronization generator.
Electrical wave generator.
Fluid pressure generator.
Forced circulation vapor generator.
Gas generator.
Gear generator.
Grid harmonic generator.
High frequency generator.
High voltage generator.
Impulse generator.
Magneto electric generator.
Magneto generator.
Mechanical foam generator.
Motor pump or electric generator.
Oscillation generator.
Portable acetylene generator.
Power generator.
Relaxation oscillation generator.
Saw tooth generator.
Saw-toothed wave form generator.
Serrated wave form generator.
Sound wave generator.
Stabilized oscillation generator.
Steam generator.
Tone generator.
Trigonometric angle generator.
Vapor generator.
Water-gas generator.
Wave generator.
Wide range beat frequency generator.
Wind propelled generator.
Wind wheel generator.
Saw-tooth wave generator.
Generator and frequency modulator, Oscillation. G. L. Usselman. 2,160,466; May 30.
Generator arrangement, Gas turbine driven. S. R. Puffer. 2,180,168; Nov. 14.
Generator distributor mechanism, Wind driven. W. G. Dunn. 2,182,224; Dec. 5.
Generator for emergency lamps. G. A. F. Winckler. 2,147,116; Feb. 14.
Generator for television. H. E. Rhea. 2,165,815; July 11.
Generator for washing machines, Detergent. R. Behrman. 2,178,735; Nov. 7.
Generator of electric oscillations. E. L. C. White. 2,143,397; Jan. 10.
Generators, Operating vapor. R. D. Junkins. 2,170,351; Aug. 22.
Generator output regulator system. J. W. Fitz Gerald. 2,157,661; May 9.
Generator speed regulator, Pollphase. V. Roosa and E. Silber. 2,150,520; Mar. 14.
Generator structure, Wind driven. E. K. Malme. 2,178,047; Oct. 31.
Generator system, Engine driven. F. Bracken and R. Reed. 2,177,686; Oct. 31.
Generator turntable mounting. J. Prince. 2,180,609; Nov. 21.
Generator unit, Electric. F. Bracken and R. Reed. 2,177,687; Oct. 31.
Generator voltage regulation. E. W. Swanson. 2,146,779; Feb. 14.
Generator with forced passage of the operating medium, Steam. H. Rabe. 2,153,001; Apr. 4.
Generators, Control of parallel operation of. F. W. Godsey, Jr. 2,179,623; Nov. 14.
Generators, Electrical system for wind driven. E. M. Claytor. 2,148,804; Feb. 28.
Generators, Parallel operation of marine. H. C. Coleman and C. Lynn. 2,163,140; June 20.
Generators with low water content, Method and apparatus for preventing excess pressure increase in steam. O. H. Hartmann, and R. Loewenstein. 2,167,299; July 25.
Geneva movement for motion picture projection. E. May. 2,169,567; Aug. 15.
Geological exploration, Method of and apparatus for. W. J. Taylor, Jr. 2,172,778; Sept. 12.
Geological explorations, Method and apparatus for making. H. R. Prescott. 2,158,198; May 16.
Geological explorations, System for. O. E. Dudley. 2,147,643; Feb. 21.
Geological strata with substantially vertical reflections, Determining the dips of. L. W. Blau. 2,148,422; Feb. 28.
Geometric model. W. A. Spencer. 2,168,634; Aug. 8.
Geometrical device. A. C. Pierson. 2,152,750; Apr. 4.
Geophysical exploration. F. Rieber. 2,144,812; Jan. 24.
Geophysical exploration, Electrical method of. H. M. Evjen. 2,169,685; Aug. 15.
Geophysical exploration, Electrical method of. H. M. Evjen. 2,172,557; Sept. 12.
Geophysical explorations, Making. K. C. Woodyard, C. A. Putnam, and H. R. Prescott. 2,164,196; June 27.
Geophysical instrument. H. A. Fore and A. K. Edgerton. 2,160,356; May 30.
Geophysical prospecting with short electromagnetic waves. L. W. Blau and W. B. Lewis. 2,165,214; July 11.
Germicidal and antiseptic composition. M. J. Rentschler and D. B. Bradner. 2,183,493; Dec. 12.
Germicidal detergent. M. Bayliss, J. L. Wilson, and E. J. Ordal. 2,183,037; Dec. 12.
Germicide, Horticultural. N. M. Sleeper. 2,178,270; Oct. 31.
Getter. A. J. King. 2,146,374; Feb. 7.
Getter. E. A. Lederer. 2,154,131; Apr. 11.
Getter and the application therefor. L. D. Lockwood. 2,167,762; Aug. 1.
Getter, Multiple. G. L. King. 2,183,841; Dec. 19.
Gettering. P. Kniepen. 2,175,695; Oct. 10.
Gin, Cotton. H. S. Nichols. 2,147,796; Feb. 21.
Gin, Cotton. J. A. Streun. 2,174,143; Sept. 26.
Gin, Cotton-drier. C. H. Cumpston. 2,149,669; Mar. 7.
Gin, Huller cotton. F. E. Deems. 2,155,181; Apr. 18.
Gin, Making. A. J. Liebmann. 2,152,318; Mar. 28.
Gin rib. G. C. Morgan. 2,143,657; Jan. 10.

Gin rib mounting. G. C. Morgan. 2,149,146; Feb. 28.
Girder. A. M. McLellan. 2,151,861; Mar. 28.
Girder and producing the same, Truss. U. Finsterwalder. 2,151,267; Mar. 21.
Girder, especially for aircraft, Light-weight. H. Moechel. 2,170,458; Aug. 22.
Girder, Metallic. R. U. Geib, Jr. 2,157,233; May 9.
Girdle. M. R. Smarr. 2,175,786; Oct. 10.
Girdle. H. Van Praag. 2,168,009; Aug. 1.
Girdle and crotch member. R. W. Spain. 2,154,253; Apr. 11.
Girdle, Pantie. C. Bullinger. 2,161,913; Sept. 5.
Glare eliminator. C. B. Shreve. 2,162,791; June 20.
Glare preventive system. E. E. Emons. 2,148,341; Feb. 21.
Glass and apparatus and method for manufacture thereof, Sheet. I. O. Pedersen and C. P. Byrnes. 2,167,905; Aug. 1.
Glass and ceramic sheets, tiles and other products, Decoration of. F. D. Parkinson. 2,160,560; May 30.
Glass and its manufacture, Multicellular. B. Long. 2,156,457; May 2.
Glass and similar ware, Method and apparatus for treatment of. D. I. Du Bois. 2,166,428; July 18.
Glass, Apparatus and method used in tempering. G. White. 2,146,390; Feb. 7.
Glass, Apparatus and procedure for feeding molten. F. L. O. Wadsworth. 2,172,895; Sept. 12.
Glass, Apparatus and procedure for severing and delivering molten. F. L. O. Wadsworth. 2,164,184; June 27.
Glass, Apparatus for feeding. F. L. O. Wadsworth. 2,144,470; Jan. 17.
Glass, Apparatus for feeding molten. T. F. Pearson. 2,171,096; Aug. 29.
Glass, Apparatus for feeding molten. J. H. Thomas and E. Fletcher. 2,165,318; July 11.
Glass, Apparatus for gathering and forming. A. F. Tremblay. 2,168,833; Aug. 8.
Glass, Apparatus for making safety. J. H. Sherts and B. J. Dennison. 2,182,358; Dec. 5.
Glass, Apparatus for severing molten. F. L. O. Wadsworth. 2,143,096; Jan. 10.
Glass, Apparatus for tempering. W. B. Clitherow. 2,151,266; Mar. 21.
Glass, Apparatus for tempering. J. L. Drake. 2,166,427; July 18.
Glass, Apparatus for tempering. G. R. Ford, Jr. 2,160,065; May 30.
Glass, Apparatus for the drawing of sheet. P. Bertrand. 2,164,048; June 27.
Glass applicator cap. G. W. Temple. 2,157,743; May 9.
Glass article and manufacturing the same, Tempered. B. Long. 2,177,324; Oct. 24.
Glass articles, Method and apparatus for making. P. R. Luertzing. 2,166,871; July 18.
Glass articles, Method of and apparatus for forming hollow. G. E. Rowe. 2,142,954; Jan. 3.
Glass articles, Method of and apparatus for producing hollow. L. D. Soubier. 2,174,930; Oct. 3.
Glass articles, Process of and apparatus for forming hollow. G. E. Rowe. 2,142,955; Jan. 3.
Glass articles, Tempering. J. T. Littleton. 2,145,119; Jan. 24.
Glass articles, Tempering. C. J. Phillips. 2,145,128; Jan. 24.
Glass articles, Tempering. C. J. Phillips. 2,146,224; Feb. 7.
Glass batch feeder. C. A. Brown and C. W. Craig. 2,178,418; Oct. 31.
Glass, Beverage. E. C. Godfrey. 2,158,230; May 16.
Glass bodies, Manufacturing multilayer hollow. H. Fischer. 2,183,961; Dec. 19.
Glass bodies, Method of and apparatus for perforating. C. E. Hahn and P. P. Shebel. 2,146,572; Feb. 7.
Glass block sections, Joining. L. D. Soubier. 2,164,093; June 27.
Glass blowing machine, Automatic. P. J. Schoonenberg and J. J. Hardenberg. 2,153,485; Apr. 4.
Glass breaking apparatus, Sheet. J. R. Morris. 2,150,391; Mar. 14.
Glass building block. W. O. Lytle. 2,167,764; Aug. 1.
Glass circulating apparatus. H. R. Schutz. 2,154,535; Apr. 18.
Glass cleaner. J. W. Anderson. 2,157,314; May 9.
Glass, Colored. F. J. Dobrovolny, J. M. Youel, and H. E. Klein. 2,174,554; Oct. 3.
Glass, Composite shatterproof window. H. N. Atwood. 2,162,598; June 13.
Glass composition. H. P. Hood. 2,148,621; Feb. 28.
Glass, Compound. H. W. Matheson. 2,155,142; Apr. 18.
Glass cutter. W. E. Baxter. 2,155,885; Apr. 25.
Glass cutter. D. Resh. 2,155,802; Apr. 25.
Glass cutter. G. C. Wyman. 2,156,249; Apr. 25.
Glass cutting apparatus. J. Gregory. 2,156,847; May 2.
Glass cutting apparatus. W. Owen. 2,156,864; May 2.
Glass cutting apparatus, Electrical. I. G. Fowler and J. L. Drake. 2,169,687; Aug. 15.
Glass-cutting board. A. P. Clausen. 2,146,883; Feb. 14.
Glass cutting machine. G. A. Philippe. 2,184,126; Dec. 19.
Glass cutting machine. A. L. Shaw. 2,174,183; Sept. 26.
Glass drawing tank. W. O. Amsler. 2,153,228; Apr. 4.
Glass, Drinking. J. J. Agonis. 2,142,811; Jan. 3.
Glass edging machine. W. J. Robertson. 2,160,085; May 30.
Glass-engraving machine. L. E. Rice. 2,171,007; Aug. 29.
Glass fabric, Brake lining material. O. Rasmussen. 2,158,337; May 16.
Glass feeder. E. J. Rush. 2,165,873; July 11.
Glass feeding and severing mechanism. F. L. O. Wadsworth. 2,174,905; Oct. 3.
Glass fibers, Treatment of. D. C. Simpson. 2,184,320; Dec. 26.
Glass forming machine. F. O'Neill. 2,148,494; Feb. 28.
Glass forming machine. C. W. Studley. 2,152,103; Mar. 28.
Glass furnace, Electric. J. H. Thomas. 2,181,030; Nov. 21.
Glass grinding tool. J. H. Griffin. 2,179,740; Nov. 14.
Glass handling apparatus. W. Owen. 2,164,077; June 27.
Glass handling apparatus, Sheet. J. G. Haworth and C. D. Burrell. 2,172,199; Sept. 5.
Glass, Heat-absorbing. D. E. Sharp and W. Horak. 2,144,943; Jan. 24.
Glass holder, Automatic illuminated. A. Stein. 2,177,337; Oct. 24.
Glass, Installation of structural. D. A. Hamilton. 2,151,597; Mar. 21.
Glass, Laminated. W. H. Moss. 2,153,585; Apr. 11.
Glass, Laminated safety. G. B. Watkins. 2,164,301; June 27.
Glass, Making. R. H. Barnard. 2,172,899; Sept. 12.
Glass, Making laminated safety. B. J. Dennison. 2,156,680; May 2.
Glass-making material. H. C. Lee. 2,155,721; Apr. 25.
Glass, Manufacture of. F. L. Koethen and I. J. Wernert. 2,174,517; Oct. 3.
Glass, Manufacture of laminated. F. L. Bishop. 2,180,625; Nov. 21.
Glass, Manufacture of laminated safety. G. B. Watkins and D. H. Goodwillie. 2,163,648; June 27.
Glass, Method and apparatus for feeding molten. K. E. Peiler. 2,175,407; Oct. 10.
Glass, Method and apparatus for severing molten. F. L. O. Wadsworth. 2,166,563; July 18.
Glass, Method and apparatus for the manufacture of cellular. R. Lambert. 2,143,951; Jan. 17.
Glass, Method of and apparatus for drawing. W. O. Amaler. 2,158,669; May 16.
Glass, Nonfogging laminated. W. O. Herrmann and A. von Putzer-Reybegg. 2,143,482; Jan. 10.
Glass, Nonspill liquid cocktail drinking. J. Perry. 2,143,027; Jan. 10.
Glass, Optical. G. W. Morey. Re. 21,175; Aug. 15.
Glass, Optical. G. W. Morey. 2,150,694; Mar. 14.
Glass or plates, Method of and apparatus for producing sheet. A. E. Spinasse. 2,173,345; Sept. 19.
Glass, Ornamental. A. Selsky. 2,174,899; Oct. 3.
Glass panes in window frames, Device for securing. J. Marchbank. 2,153,635; Apr. 11.
Glass perforating. W. A. Maher. 2,168,650; Aug. 8.
Glass plates, Apparatus for manipulating. W. Owen. 2,169,739; Aug. 15.
Glass plates, Apparatus for suspending. G. P. Despret. 2,156,011; Apr. 25.
Glass polishing apparatus. F. B. Waldron and J. H. Griffin. 2,18,504; Oct. 31.
Glass press. V. L. Nelson. 2,146,346; Feb. 7.
Glass, Process and apparatus for making safety. E. H. Haux and E. L. Fix. 2,159,630; May 23.
Glass, Process and apparatus for the hardening of. G. P. Despret. 2,167,294; July 25.
Glass rack. W. Owen. 2,159,672; May 23.
Glass run channel assembly. R. H. Dean. 2,169,792; Aug. 15.
Glass, Reading. E. G. Forgea. 2,150,916; Mar. 21.
Glass, Safety. J. H. Sherts. 2,184,876; Dec. 26.
Glass, Shaping. A. Verlay. 2,167,318; July 25.
Glass sheet glazing construction, Multiple. J. D. Biggers. 2,150,355; Mar. 14.
Glass sheet, Making a coated. A. D. Nash. 2,177,000; Oct. 24.
Glass sheets, Apparatus for bending. O. H. Paddock. 2,182,448; Dec. 5.
Glass sheets, Apparatus for cutting. E. W. Keier. 2,146,373; Feb. 7.
Glass sheets, Apparatus for packing. C. D. Burrell. 2,169,677; Aug. 15.
Glass sheets, Apparatus for tempering. G. R. Ford, Jr. 2,166,348; July 18.
Glass sheets, Process and apparatus for bending. R. A. Miller. 2,176,999; Oct. 24.
Glass sheets, Process and apparatus for separating laminated. F. W. Hall. 2,156,688; May 2.
Glass sheets upon work tables, Mounting. E. A. Rosin. 2,160,033; May 30.
Glass, Sight. W. E. Johnson. 2,155,270; Apr. 18.
Glass slab for the construction of walls and illuminated covers. A. Favaron. 2,168,287; Aug. 1.
Glass, Spinning. C. G. Harford and E. Stafford. 2,156,982; May 2.
Glass, Splinterless. G. Kränzlein. 2,144,067; Jan. 17.
Glass, Straightening. C. J. Phillips. 2,143,796; Jan. 10.
Glass strip, Apparatus for producing ground and polished. F. B. Waldron and F. E. Slocombe. 2,176,480–1; Oct. 17.
Glass strip, Drawing. A. Jollie. 2,157,759; May 9.

Glass-supporting metallic frame. J. Williams. 2,175,653; Oct. 10.
Glass surfacing table, Plate. A. L. Harrington. 2,152,801; Apr. 4.
Glass surfacing table, Plate. W. Owen. 2,156,699; May 2.
Glass, Synthetic resin magnifying. N. M. Stanley. 2,151,573; Mar. 21.
Glass tank. J. H. McKelvey and J. W. Rogers. 2,163,405; June 20.
Glass, Tempering. G. E. Howard. 2,178,520; Oct. 31.
Glass, Tempering. H. R. Lillie and W. W. Shaver. 2,148,630; Feb. 28.
Glass, Thermally toughening. J. Bailey. 2,144,320; Jan. 17.
Glass to porous ceramic material by weld, Joining. B. E. Cohn. 2,149,133; Feb. 28.
Glass, Treating laminated. R. G. Whittemore. 2,156,714; May 2.
Glass, Tubular water gauge sight. W. J. Corliss. 2,149,163; Feb. 28.
Glassware and other articles, Apparatus for decorating. F. C. Flint. 2,160,725; May 30.
Glassware, Apparatus for cooling. W. K. Berthold. 2,182,167; Dec. 5.
Glassware, Apparatus for decorating. G. W. Meyer and S. E. Shackelford. 2,152,356; Mar. 28.
Glassware, Apparatus for finishing. W. L. Wagner. 2,169,455; Aug. 15.
Glassware, Apparatus for forming. H. A. Wadman. 2,151,876; Mar. 28.
Glassware, Apparatus for forming. W. L. Wagner, Sr. 2,152,754; Apr. 4.
Glassware, Apparatus for the manufacture of. L. Boudin. 2,167,290; July 25.
Glassware by gob dropping, Method and apparatus for forming large mass. A. C. Crimmel. 2,162,800; June 20.
Glassware foot making machine. J. W. R. Hiteshew. 2,157,985; May 9.
Glassware, Making. L. Wohinc. 2,156,613; May 2.
Glassware, Method of and apparatus for decorating and annealing. D. G. Merrill. 2,151,983; Mar. 28.
Glassware, Method of and machine for forming. G. E. Howard. 2,161,255; June 6.
Glassware takeout and fire-finishing device. W. K. Berthold. 2,182,166; Dec. 5.
Glass washing machine. G. T. Fielding. 2,180,408; Nov. 21.
Glass with metal, Coating. R. D. Smith. 2,162,980; June 20.
Glass wool bats, and other articles, Apparatus for manufacturing. D. C. Simpson and T. A. Collins. 2,154,476; Apr. 18.
Glass working machine. H. H. Snyder. 2,184,900; Dec. 26.
Glaze. J. D. Morgan. 2,170,387; Aug. 22.
Glazing bar. J. Williams. 2,171,319; Aug. 29.
Glider. A. S. Goldberg. 2,177,616; Oct. 24.
Glider. A. G. Griffin. 2,181,326; Nov. 28.
Glider. H. T. Halleran and R. Carlon. 2,169,728; Aug. 15.
Glider. A. P. O'Hare. 2,158,377; May 16.
Glider, Airplane. C. Fritzen. 2,161,921; June 13.
Glider or ski, Snow. E. Wennerstrom. 2,168,144; Aug. 1.
Glider, Porch. J. C. Ward, Jr. and P. M. Mueller. 2,149,647; Mar. 7.
Globe. W. E. Johnson. 2,151,601; Mar. 21.
Globe. J. A. Smith. 2,153,053; Apr. 4.
Globe, Illuminated. E. A. Peterson. 2,175,091; Oct. 3.
Globe, Illuminated terrestrial. H. Fislar. 2,149,213; Feb. 28.
Globe mounting. R. R. Dupler. 2,177,351; Oct. 24.
Globe mounting, Illuminated. R. R. Dupler. 2,177,352; Oct. 24.
Glove. A. Bates. 2,150,018; Mar. 7.
Glove. M. K. Cramer. 2,147,967; Feb. 21.
Glove. I. Steinberger. 2,157,836; May 9.
Glove. P. L. Vernhes. 2,163,721; June 27.
Glove and article holder. N. Fulton. 2,169,633; Aug. 15.
Glove construction. A. Bates. 2,156,140; Apr. 25.
Glove, Fabric dress. W. O. Wells and C. K. Waite. 2,167,226; July 25.
Glove, Faced seamless. J. W. Blewer. 2,148,849; Feb. 28.
Glove for restraining wrist motion. H. J. Callaway. 2,154,197; Apr. 11.
Glove forming and pressing machine. I. Gerber. 2,184,521; Dec. 26.
Glove manufacture. C. L. Dunn. 2,168,819; Aug. 8.
Glove or like article and making the same, Rubber. A. E. Sidnell. 2,173,734; Sept. 19.
Glove pressing and stretching machine. I. Gerber and L. Brownstein. 2,148,403; Feb. 21.
Glove skin stretch distributor and method, Uniform. C. H. Johanson. 2,144,585; Jan. 17.
Glove, Swimming. F. L. Anderson. 2,169,939; Aug. 15.
Gloves, Coating. E. E. Montgomery. 2,181,247; Nov. 28.
Glow discharge device. G. Holst. 2,152,995; Apr. 4.
Glow discharge device. H. E. Mendenhall. 2,159,747; May 23.
Glow discharge device. R. B. Morgan. 2,165,805; July 11.
Glow discharge lamp. O. C. Bleicher. 2,150,356; Mar. 14.
Glow lamp. S. E. Gertler. 2,171,359; Aug. 29.
Glow lamp. L. A. Herzig. 2,183,042; Dec. 12.
Glow plug. H. Rabezzana. 2,149,868; Mar. 7.
Glucosides having an action on the heart obtained from oleander leaves, Preparing. M. Bockmühl and G. Ehrhart. 2,168,789; Aug. 8.
Glue and method of making. I. F. Laucks and G. Davidson. 2,150,175; Mar. 14.
Glue and process of manufacture therefor. C. N. Cone. 2,182,425; Dec. 5.
Glue applying machine. E. A. Petersen. 2,159,674; May 23.
Glue base. G. H. Osgood. 2,180,542; Nov. 21.
Glue, Casein. G. H. Osgood. 2,180,543; Nov. 21.
Glue, casein, and other protein materials, Stabilization of. S. Musher. 2,176,038; Oct. 10.
Glue spreader. E. G. Daley. 2,176,607; Oct. 17.
Glue spreading machine. E. C. Zablocki. 2,157,724; May 9.
Glue to sheet material, Mechanism for cutting and applying. W. C. Dorsch. 2,156,804; May 2.
Glue treatment. W. M. Urbain and L. B. Jensen. 2,182,186; Dec. 5.
Glue, Wood veneer. R. G. Peterson. 2,180,547; Nov. 21.
Gluing device. H. A. Green. 2,155,011; Apr. 18.
Gluing machine. R. Minkow. 2,162,854; June 20.
Gluing machine control. R. Minkow. 2,150,124; Mar. 7.
Glycerides, Alcoholysis of. V. L. Hansley. 2,177,407; Oct. 24.
Glycerides, Treating. F. E. Dearborn. 2,169,793; Aug. 15.
Glycerin, Distillation of. M. H. Ittner. 2,164,274–6; June 27.
Glycerin from soap, Continuous recovery of. B. H. Thurman. 2,179,001; Nov. 7.
Glycerin lyes and of crude glycerin, Treatment of. R. H. Potts and E. W. Colt. 2,182,179; Dec. 5.
Glycerin, Recovery of. K. Werner. 2,153,704; Apr. 11.
Glycerol dichlorohydrin, Preparation of. E. C. Britton and R. L. Heindel. 2,144,612; Jan. 24.
Glycerol fermentation process. F. M. Hildebrandt and N. M. Erb. 2,169,245; Aug. 15.
Glycol condensation products and process of producing the same, Water-soluble urea-formaldehyde-ethylene. T. S. Hodgins and A. G. Hovey. 2,168,477; Aug. 8.
Glycol condensation products, Water-soluble urea-formaldehyde ethylene. T. S. Hodgins and A. G. Hovey. 2,185,167; Dec. 26.
Glycollate and making it, Phenylmercuric. R. P. Perkins. 2,157,010; May 2.
Glycols. Producing 1,4-ethylenic. T. H. Vaughn. 2,157,365; May 9.
Gnaw-proof container. C. Scheidegger. 2,178,611; Nov. 7.
Goggle. S. E. Bouchard. 2,184,409; Dec. 26.
Goggles. C. Fischer. 2,149,514; Mar. 7.
Goggles. J. W. Welsh. 2,150,791; Mar. 14.
Goggles, Protective. S. E. Bouchard. 2,175,104; Oct. 3.
Goggles, Underwater. C. H. Wilen and A. Kramarenko. 2,182,104; Dec. 5.
Gold amalgamator. J. H. Thornton. 2,184,447; Dec. 26.
Gold compounds and producing the same, Therapeutically valuable. A. Feldt, K. Schöllkopf, and A. Schmitz. 2,166,133; July 18.
Gold compounds of disulphide-acylalkyl-glucamides and preparing same. M. Bockmühl and G. Ehrhart. 2,174,412; Sept. 26.
Gold concentrator and amalgamator, Placer. E. A. Willner, Sr. 2,164,364; July 4.
Gold films, Preparation of. C. S. Gibson. 2,171,086; Aug. 29.
Gold from its ores, Recovering. G. H. Meinzer. 2,152,748; Apr. 4.
Gold from solutions, Recovering. H. Burrell. 2,162,936; June 20.
Gold, platinum, and other metals of the platinum group into a dissolved form, Converting. O. Ehrhart. 2,150,366; Mar. 14.
Gold saver. L. G. Green. 2,151,322; Mar. 21.
Gold saving machine, Fine. G. B. McKeever. 2,174,925; Oct. 3.
Golf and other games, Apparatus for practicing. A. G. Murdoch. 2,147,105; Feb. 14.
Golf bag. J. R. Burton. 2,144,791; Jan. 24.
Golf bag. R. E. Thompson. 2,165,665; July 11.
Golf bag support. L. O. Jackson. 2,148,947; Feb. 28.
Golf bag support. J. R. Love. 2,151,784; Mar. 28.
Golf ball. R. F. Smith. 2,181,350; Nov. 28.
Golf ball cover. R. A. Crawford. 2,143,544; Jan. 10.
Golf ball holder. J. Armstrong. 2,159,122; May 23.
Golf ball, Making. B. Bogoslowsky. 2,167,869; Aug. 1.
Golf ball, Making a. B. Bogoslowsky. 2,178,774; Nov. 7.
Golf ball teeing device. C. C. Beckett. 2,171,299; Aug. 29.
Golf balls or the like, Manufacture of. C. R. Sibley. 2,171,607; Sept. 5.
Golf club. G. E. Barnhart. 2,146,048; Feb. 7.
Golf club. G. E. Barnhart. 2,153,880; Apr. 11.
Golf club. C. Y. Chittick. 2,150,737; Mar. 14.
Golf club. J. J. Howard. 2,155,830; Apr. 25.
Golf club. C. S. Kurspe. 2,144,846; Jan. 24.
Golf club. A. A. Simonton. 2,171,483; Aug. 29.
Golf club. W. L. Wettlaufer. 2,146,321; Feb. 7.
Golf club attachment and marker. C. J. Engstrom. 2,178,872; Nov. 7.
Golf club grip. J. V. East. 2,149,911; Mar. 7.

Golf club grip. E. E. Hall. 2,160,656; May 30.
Golf club grip. E. B. Lamkin. 2,177,143; Oct. 24.
Golf club grip and making the same. W. L. Wettlaufer 2,171,382; Aug. 29.
Golf club head. W. L. Wettlaufer. 2,171,383; Aug. 29.
Golf club head, Adjustable. T. P. Duncan, Jr. 2,179,034; Nov. 7.
Golf club head, Adjustable. M. Fedak. 2,175,598; Oct. 10.
Golf club or the like. W. E. Whitney. 2,159,579; May 23.
Golf club, Practice. W. L. Jones. 2,157,415; May 9.
Golf club shaft. W. L. Wettlaufer. 2,177,970; Oct. 31.
Golf club shafts, Rebound check for. A. E. Lard. Re. 21,162; July 25.
Golf clubs, Attachment for. C. H. Moore. 2,154,989; Apr. 18.
Golf course, Carpet. R. W. Davis. 2,176,622; Oct. 17.
Golf gripping. R. C. Henderson. 2,145,600; Jan. 31.
Golf practise and amusement apparatus. E. L. Duffy. 2,144,439; Jan. 17.
Golf practice device. W. Johnson. 2,149,174; Feb. 28.
Golf-scoring device. A. M. Bowzer. 2,167,271; July 25.
Golf shaft. R. A. Cowdery. 2,153,550; Apr. 11.
Golf stance indicator. G. E. Richards. 2,180,170; Nov. 14.
Golf tee. J. P. Bundy. 2,160,122; May 30.
Golf tee. J. A. Hammond and F. Korte. 2,146,736; Feb. 14.
Golf tee. T. A. Hanson. 2,159,893; May 23.
Golf tee. E. Mayl. 2,153,260; Apr. 4.
Golf tee. M. Rider. 2,155,803; Apr. 25.
Golf teaching and practicing device. R. Crowley. 2,150,580; Mar. 14.
Golf training apparatus. R. Crowley. 2,169,407; Aug. 15.
Gonad-stimulating product and production. H. R. Catchpole and W. R. Lyons. 2,173,353; Sept. 19.
Goniometer. K. G. Holsten. 2,156,055; Apr. 25.
Goniometer. F. W. Sullinger and C. W. Winter, Jr. 2,174,017; Sept. 26.
Goods of spongelike or cellular rubber, Manufacture of. E. A. Murphy, A. A. Round, and T. Norcross. 2,161,308; June 6.
Goods, Production of plain warp. P. Schönfeld. 2,149,032; Feb. 28.
Goods provided with rubber threads, Manufacture of warp. P. Schönfeld. 2,149,031; Feb. 28.
Goods treating machine and unloading means therefor. F. W. A. Henrici. 2,183,910; Dec. 19.
Governing device. M. Johansson. 2,170,413; Aug. 22.
Governing means for internal combustion engines, Vacuum responsive. A. F. Stern and H. W. Hanners. 2,181,286; Nov. 28.
Governing mechanism. D. F. Warner. 2,155,247; Apr. 18.
Governing system for elastic fluid engines. R. J. Caughey 2,168,155; Aug. 1.
Governor. H. G. Adler. 2,170,744; Aug. 22.
Governor. H. T. Avery. 2,152,171; Mar. 28.
Governor. M. Gottlieb. 2,177,063; Oct. 24.
Governor. M. B. Heftler. 2,172,678; Sept. 12.
Governor. A. C. Hoof. 2,145,086; Jan. 24.
Governor. H. Kieser. 2,157,542; May 9.
Governor. W. E. Leibing. 2,153,047–8; Apr. 4.
Governor. E. C. Read. 2,174,391; Sept. 26.
Governor. A. P. Thomas. 2,153,125; Apr. 4.
Governor apparatus. A. F. Schwendner. 2,178,497; Oct. 31.
Governor cable take-up. T. C. Harper. 2,142,354; Jan. 3.
Governor, Centrifugal. P. Martinotti. 2,160,553; May 30.
Governor, Centrifugal. W. T. Tabb. 2,168,372; Aug. 8.
Governor, Centrifugal. W. B. Thiemann. 2,174,309; Sept. 26.
Governor. Compound compensated. A. F. Meyer. 2,179,559; Nov. 14.
Governor control mechanism. E. McCormick. 2,159,283; May 23.
Governor, Engine. O. Schilling. 2,159,863; May 23.
Governor for automotive vehicles. J. Bellis. 2,157,472; May 9.
Governor for automotive vehicles, Speed. E. A. Hansen. 2,181,429; Nov. 28.
Governor for fluid motors P. Van Sittert. 2,149,645; Mar. 7.
Governor for injection internal combustion engines, Speed. A. Schweizer. 2,160,109; May 30.
Governor for internal combustion engines. J. Weber and H. Heinrich. 2,183,035; Dec. 12.
Governor for internal combustion engines. J. L. Yarian. 2,174,676; Oct. 3.
Governor for internal combustion engines used for driving electric arc welding generators, Automatic. E. E. Longley. 2,172,026; Sept. 5.
Governor, Gas pressure. F. O. and P. F. Horstmann. 2,173,416; Sept. 19.
Governor, Load limiting. K. O. Keel and C. H. Fike. 2,179,696; Nov. 14.
Governor mechanism. W. J. Allen. 2,148,921; Feb. 28.
Governor, Pressure. B. S. Aikman. 2,180,856; Nov. 21.
Governor. Pump operating mechanism. C. H. Fox. 2,147,196; Feb. 14.
Governor, Speed. R. Sheppard. 2,151,569; Mar. 21.
Governor, Speed and power. J. L. Raesler. 2,174,062; Sept. 26.
Governor torque testing and spring calibrating and testing device, Combined. R. G. Handy, C. B. Seymour, and A. A. Altenberg. 2,182,519; Dec. 5.
Governor, Universal motor speed. S. H. Swarthout. 2,157,640; May 9.
Grab, Brick. J. P. Callaghan. 2,170,706; Aug. 22.
Grabhook. R. C. Morgan. 2,148,911; Feb. 28.
Grab, Police. J. E. Kirk. 2,157,612; May 9.
Grade crossing signal, Railroad. E. R. Anderson. 2,170,467; Aug. 22.
Grade indicator. H. C. Rickenbach and W. E. Herman. 2,168,885; Aug. 8.
Grade meter. L. H. Schoenleber. 2,170,269; Aug. 22.
Gradeometer and automatic air supply instrument, Combined. J. W. Barnes. 2,147,591; Feb. 14.
Grader. J. Antos. 2,183,058; Dec. 12.
Grader and dump box, Combination dirt and gravel. F. N. Kolberg. 2,181,403; Nov. 28.
Grader blades, Attachment for road. H. A. Neuman. 2,156,190; Apr. 25.
Grader, Corn. E. A. Beckwith. 2,156,716; May 2.
Grader, Land. H. J. Leppert. 2,176,503; Oct. 17.
Grader, Road. F. E. Arndt. 2,147,631; Feb. 21.
Grader, Road. G. D. Shaeffer. 2,162,360; June 13.
Grading and excavating machine. A. W. French. 2,169,184; Aug. 8.
Grading and marking, Apparatus for. K. E. Conn. 2,165,613; July 11.
Grading device. P. H. Rylander. 2,173,314; Sept. 19.
Grading machine. N. Brethholtz. 2,175,175; Oct. 10.
Grading machine. J. W. Johnston. 2,146,217; Feb. 7.
Grading machine. J. W. Johnston. 2,180,591; Nov. 21.
Grading machine. J. B. Smith. 2,178,440; Oct. 31.
Grain, Apparatus for separating. H. Mjolsness. 2,182,638; Dec. 5.
Grain-car door. C. Flagstad. 2,172,373; Sept. 12.
Grain check attachment for grain binders, Adjustable. F. A. Mettler. 2,149,534; Mar. 7.
Grain, Moistening. O. H. Pilkey. 2,163,628; June 27.
Grain puffing machine. E. L. Battee. 2,149,156; Feb. 28.
Grain puffing machine. W. J. Charnley. 2,148,728; Feb. 28.
Grain separator. C. C. Ingraham. 2,181,431; Nov. 28.
Grain slicing machine. T. A. McDonald, Jr., and T. G. Knight. 2,147,852; Feb. 21.
Graining apparatus. C. P. Shaw. 2,145,320; Jan. 31.
Graining, Reproduction of. F. L. Lee. 2,171,578; Sept. 5.
Gramophone and like record-playing device, Automatic. R. Wilkinson. 2,156,612; May 2.
Gramophone and the like, Automatic. A. E. Bowyer-Lowe 2,151,891; Mar. 28.
Gramophone for playing records of an endless film. S. Konishi. 2,168,529; Aug. 8.
Gramophones and the like, Automatic control mechanism for. A. Bursill. 2,178,199; Oct. 31.
Grandstand construction. B. J. Lambert. 2,180,986; Nov. 21.
Granite, Process and abrasive for finishing. R. B. Perry. 2,142,146; Jan. 3.
Granulating apparatus. J. B. Morgan. 2,142,203; Jan. 3.
Granulation of nongranular materials. G. E. Cox and W. G. McBurney. 2,167,432; July 25.
Granules and making same, Artificially colored. M. H. Veazey. 2,142,540; Jan. 3.
Granules, Making artificially colored. M. H. Veazey. 2,168,593; Aug. 8.
Grapefruit implement. A. Lesponne. 2,167,898; Aug. 1.
Graph approximator. R. G. Sagebeer. 2,150,636; Mar. 14.
Graph construction. J. H. Dobbin, Jr. 2,168,793; Aug. 8.
Graphic method and means. F. W. Kiessling. 2,155,094; Apr. 18.
Graphics, Apparatus for transmitting recording. G. Delchef. 2,151,750; Mar. 28.
Graphite and product, Disintegrating, dispersing and stabilizing. F. E. Bartell. 2,176,879; Oct. 24.
Grapple. G. W. Bowen. 2,174,076–7; Sept. 26.
Grapple. E. V. Brown. 2,156,109; Apr. 25.
Grapple. R. Freeland. 2,146,891; Feb. 14.
Grapple. F. N. Osmun and F. Kinzbach. 2,184,681; Dec. 26.
Grapple jet device. S. G. Neff. 2,176,921; Oct. 24.
Grapplier, Broken axle. R. J. Labbe. 2,145,359; Jan. 31.
Grass and weed cutter. W. N. Thompson. 2,178,503; Oct. 31.
Grass catching and distributing device. A. F. Moyer. 2,162,783; June 20.
Grass receiver. W. P. Lowther. 2,148,825; Feb. 28.
Grasshopper holder. J. H. Jones. 2,160,436; May 30.
Grasshopper trap. H. O. Eiane. 2,153,713; Apr. 11.
Grate. A. Hoiland. 2,185,028; Dec. 26.
Grate assembly for self-feed magazine boilers, Reciprocating. S. J. La Grenade. 2,183,457; Dec. 12.
Grate bar. O. L. Bardes and T. F. Fraser. 2,146,557; Feb. 7.
Grate bar. W. H. Moriarty. 2,162,741; June 20.
Grate bar, Water cooled. M. A. Hofft. 2,171,848; Sept. 5.
Grate construction. H. T. Henry. 2,149,259; Mar. 7.

Grate, Fireplace water. A. A. Newton. 2,172,711; Sept. 12.
Grate for flue-tube boilers, Traveling. R. Giesau. 2,147,975; Feb. 21.
Grate for multiple retort underfeed stokers, Extension. T. G. W. Watson and J. M. Ferguson. 2,156,646; May 2.
Grate for sawdust burners. E. H. Johnson. 2,183,648; Dec. 19.
Grate for sintering machines. M. F. Warner. 2,174,338; Sept. 26.
Grate for underfeed stokers. G. M. Peltz. 2,171,862; Sept. 5.
Grate, Furnace. J. K. Dukas. 2,184,292; Dec. 26.
Grater. W. Wishinsky. 2,154,650; Apr. 18.
Grating. W. A. Bates. 2,184,407; Dec. 26.
Grating. L. J. Knapp and H. C. Neitzel. 2,169,649; Aug. 15.
Grating. F. Tench. 2,155,694; Apr. 25.
Grating, Concrete filled. W. E. Irving. 2,147,442; Feb. 14.
Grating, Nonclogging catch basin. B. H. Lantz. 2,147,044; Feb. 14.
Grating, Range vent. A. Barnsteiner. 2,175,819; Oct. 10.
Grave cribber. J. E. Bown. 2,145,152; Jan. 24.
Grave cover. D. F. Parker. 2,147,858; Feb. 21.
Gravity, Apparatus for determining. A. R. Lindblad. 2,179,892; Nov. 14.
Gravity, Measuring. J. D. Malmquist. 2,182,298; Dec. 5.
Gravity measurements, Apparatus for making. K. Hartley. 2,159,082; May 23.
Gravity meter. S. A. Scherbatskoy. 2,150,405; Mar. 14.
Gravure printing press. C. R. Kaddeland. 2,177,656; Oct. 31.
Gravure printing-press doctor blade construction. H. E. Golber and A. Zenone. 2,148,455; Feb. 28.
Grease and preparation. E. V. Murphree and W. J. Sweeney. 2,144,077; Jan. 17.
Grease, Apparatus for dispensing. R. E. Hulme. 2,144,702; Jan. 24.
Grease, Barium. T. F. Ott, P. S. Clarke, and C. H. Van Marter. 2,154,383; Apr. 11.
Grease base and method of making. L. D. Myers. 2,151,641; Mar. 21.
Grease container. H. H. Boehm. 2,167,289; July 25.
Grease dispensing apparatus. W. H. McGlade. 2,148,767; Feb. 28.
Grease-dispensing device. B. E. Sibley. 2,178,816; Nov. 7.
Grease gun. S. J. Krannak. 2,174,421; Sept. 26.
Grease, Lubricating. P. E. Burchfield. 2,157,647; May 9.
Grease-overflow catcher for high-speed motors. E. O. Mueller. 2,179,341; Nov. 7.
Grease retainer. N. S. Reynolds. 2,181,203; Nov. 28.
Grease retainer with copper washer. J. B. Victor. 2,173,006; Sept. 12.
Grease retainer with securing lug. C. B. Russell. 2,161,767; June 6.
Grease retainer with unitary diaphragms and supports. J. B. Victor. 2,167,603; July 25.
Grease separator. G. J. Dehn. 2,181,263; Nov. 28.
Grease-setting agent. T. Hasselstrom. 2,154,616; Apr. 18.
Grease, Soda soap. V. L. Ricketts. 2,182,137; Dec. 5.
Greases and manufacturing the same, Adherent. A. J. Morway and J. C. Zimmer. 2,160,162; May 30.
Green, Artificial golf. L. J. Hall. 2,173,014; Sept. 12.
Green, Chromium hydroxide. A. Grasshoff and W. König. 2,156,451; May 2.
Greenhouse. E. Gast. 2,159,735; May 23.
Grenade. R. A. Hunter. 2,148,623; Feb. 28.
Grenade, Hand. H. Coban. 2,184,284; Dec. 26.
Grenade throwing tube. W. Gibbons. 2,145,871; Feb. 7.
Greyhound starting box, Glass. H. S. Levenson. 2,164,213; June 27.
Grid actuating device, Bucky. E. S. Flarsheim. 2,147,601; Feb. 14.
Grid arrangement in cathode ray tubes, Control. K. Schlesinger. 2,185,133; Dec. 26.
Grid, Flexible ice tray. W. B. Anderson and J. N. Saler. 2,149,933; Mar. 7.
Grid glow tube. D. D. Knowles. 2,162,508; June 13.
Grid harmonic generator, Multiple. M. G. Crosby. 2,152,759; Apr. 4.
Grid machine and controlling grid bows. C. A. Narwid. 2,176,918; Oct. 24.
Grid machine and the like. C. A. Narwid. 2,176,919; Oct. 24.
Grid-making machine. H. M. Washburn. 2,181,288; Nov. 28.
Grid, Roasting. J. Wallace. 2,144,278; Jan. 17.
Grids and the like and machine therefor, Manufacture of. C. A. Narwid. 2,176,920; Oct. 24.
Griddle, Frying. L. F. Vandegrift. 2,175,043; Oct. 3.
Grill, Double purpose. G. G. Garvis. 2,144,918; Jan. 24.
Grill, Electric. R. F. Hendershot and E. R. Hughes. 2,151,105; Mar. 21.
Grill, Electric. F. C. Wilson. 2,156,557; May 2.
Grill for cooking foodstuffs over campfires. H. D. Peoples. 2,162,636; June 13.
Grille, Adjustable. J. F. Farmer. 2,183,331; Dec. 12.
Grille, Adjustable. C. S. Wheeler. 2,152,447; Mar. 28.
Grille and making same. W. Ewald. 2,144,528; Jan. 17.
Grille and making the same. G. F. Drake. 2,145,073; Jan. 24.
Grille, Air register. V. E. Moore. 2,162,562; June 13.
Grille construction. J. Oswald. 2,165,648; July 11.
Grille construction, Knock-down. M. S. Gibson. 2,176,334; Oct. 17.
Grille, Flexible. M. L. Cornell, A. H. Graff, and R. K. Bennett. 2,167,875; Aug. 1.
Grille making apparatus. G. R. Goldthwaite. 2,158,229; May 16.
Griller. E. W. B. Dunning and P. H. Pearce. 2,180,868; Nov. 21.
Grinder and control valve therefor. F. P. Forss 2,166,757; July 18.
Grinder and gauge, Brake shoe. H. Thomason. 2,145,902; Feb. 7.
Grinder and juice extractor, Convertible meat. R. Poliner. 2,162,564; June 13.
Grinder, Automatic infeed centerless. A. J. Graf and C. L. Schulte. 2,147,891; Feb. 21.
Grinder, Breaker point. H. W. Kulp and M. C. Dellinger. 2,148,627; Feb. 28.
Grinder, Compost. H. J. Mankoff. 2,158,240; May 16.
Grinder, Flexible. L. Churgin. 2,155,037; Apr. 18.
Grinder, Fruit jar. A. V. Mikalson. 2,180,640; Nov. 21.
Grinder, Grain. H. M. Johnston. 2,178,636; Nov. 7.
Grinder, Ore. J. Youngman and H. R. Culp. 2,171,296; Aug. 29.
Grinder, Oscillating. F. D. Van Norman, B. F. Stowell and R. S. Pyne. 2,149,409; Mar. 7.
Grinder, Portable. W. C. Draheim. 2,166,861; July 18.
Grinder, Power. B. A. Wesche. 2,158,556; May 16.
Grinder, Universal lawn mower. B. S. Rogers. 2,180,911; Nov. 21.
Grinder, Valve. W. R. Akans. 2,142,595; Jan. 3.
Grinder, Valve. F. T. Sweigart. 2,168,458; Aug. 8.
Grinder, Valve stem. J. M. Krohn. 2,142,565; Jan. 3.
Grinder, Valve stem. H. C. Preston. 2,151,528; Mar. 21.
Grinder, Work holder crankpin. H. A. Silven. 2,161,206; June 6.
Grinders, etc., Attaching device for meat. G. Sakier. 2,145,838; Jan. 31.
Grinding. H. H. Giles and C. M. Nystrom. 2,177,316; Oct. 24.
Grinding. J. V. Slade. Re. 21,039; Mar. 28.
Grinding and classifying apparatus. J. Crites. 2,152,876; Apr. 4.
Grinding and polishing machine. R. W. Fuller. 2,165,097; July 4.
Grinding and polishing machine. E. Gerlach. 2,184,955; Dec. 26.
Grinding and polishing, Method of and apparatus for. H. R. Herchenrider. 2,162,279; June 13.
Grinding and the like apparatus. G. H. Schieferstein. 2,170,768; Aug. 22.
Grinding apparatus. L. J. Bazzoni. 2,162,795; June 20.
Grinding apparatus, Cam. H. A. Silven. 2,167,614; July 25.
Grinding, Apparatus for. S. G. Richardson. 2,171,892; Sept. 5.
Grinding body for crusher tubes and similar apparatus. H. V. J. Gernelle. 2,143,732; Jan. 10.
Grinding device. J. Emerson. 2,163,425; June 20.
Grinding device. S. Kiesskalt and W. Mejer. 2,171,115; Aug. 29.
Grinding device, Automatic. A. Lemay. 2,164,155; June 27.
Grinding device, Crank throw. J. P. Morris. 2,151,139; Mar. 21.
Grinding, Fine. V. L. Johnson. 2,164,409; July 4.
Grinding, gauging, and sizing. R. H. Cramer. 2,152,875; Apr. 4.
Grinding machine. M. H. Arms. 2,176,985; Oct. 24.
Grinding machine. A. P. Burns. 2,156,970; May 2.
Grinding machine. R. H. Cramer. 2,176,248; Oct. 17.
Grinding machine. H. Ernst and A. H. Dall. 2,170,494; Aug. 22.
Grinding machine. R. E. Flanders. 2,184,011; Dec. 19.
Grinding machine. C. G. Flygare. 2,170,606; Aug. 22.
Grinding machine. O. E. Frunk and H. G. A. Akerlind. 2,149,519; Mar. 7.
Grinding machine. V. W. Gideon. 2,167,647; Aug. 1.
Grinding machine. F. S. Haas. 2,147,893; Feb. 21.
Grinding machine. F. S. Haas. 2,161,465; June 6.
Grinding machine. D. R. Hall. 2,142,444; Jan. 3.
Grinding machine. D. R. Hall. 2,148,744; Feb. 28.
Grinding machine. A. E. Hamilton and L. M. Stempel. 2,156,453; May 2.
Grinding machine. C. Herfurth. 2,164,875; July 4.
Grinding machine. R. S. Hinsey. 2,166,356; July 18.
Grinding machine. A. R. Johnson. 2,183,914; Dec. 19.
Grinding machine. T. C. Kaseberg. 2,180,529; Nov. 21.
Grinding machine. E. A. Koether. 2,169,252; Aug. 15.
Grinding machine. H. W. Larsson. 2,160,365; May 30.
Grinding machine. G. F. Maglott. 2,163,246; June 20.
Grinding machine. H. J. Mankoff. 2,145,728; Jan. 31.
Grinding machine. M. I. Mathewson and A. L. Krause. 2,165,898; July 11.
Grinding machine. H. N. Norman. 2,153,476; Apr. 4.
Grinding machine. C. L. Ott. 2,161,311; June 6.
Grinding machine. N. N. Shepherd. 2,176,726; Oct. 17.
Grinding machine. F. R. Swanson. 2,179,869; Nov. 14.
Grinding machine. I. A. Taylor. 2,183,494; Dec. 12.
Grinding machine. J. G. Thompson. 2,176,017; Oct. 10.

Grinding machine. W. Trible. 2,162,038; June 13.
Grinding machine. F. Turrettini. 2,174,146; Sept. 6.
Grinding machine. W. J. Wilson. 2,162,044; June 13.
Grinding machine. W. H. Wood and C. G. Flygare. 2,151,669; Mar. 21.
Grinding machine, Automatic knife blade. C. Ludwig. 2,151,480; Mar. 21.
Grinding machine, Centerless. R. H. Cramer. 2,156,562; May 2.
Grinding machine for shoulder grinding Cylindrical. L. A. Williams and A. C. Racine. 2,170,613; Aug. 22.
Grinding machine, Hydraulic surface. C. G. Flygare and H. A. Silven. 2,151,637; Mar. 21.
Grinding machine, Hydraulically operated cylindrical. C. G. Flygare. 2,183,490; Dec. 12.
Grinding machine, Internal. H. H. Asbridge. 2,144,043; Jan. 17.
Grinding machine, Optical profile. R. M. Wohlfarth. 2,164,169; June 27.
Grinding machine, Spiral. W. Shotey. 2,162,758; June 20.
Grinding machine steady rest. C. G. Flygare and I. A. Taylor. 2,151,636; Mar. 21.
Grinding machine steady rest. H. A. Silven. 2,167,615; July 25.
Grinding machine, Track rail. W. Hobson and H. H. Woodrow. 2,163,908; June 27.
Grinding mill. H. Baehr. 2,184,903; Dec. 26.
Grinding mill. L. Dotzer and G. D. Hugo. 2,176,892; Oct. 24.
Grinding mill. B. Scherbaum. 2,157,462; May 9.
Grinding mill. W. A. Weidlich. 2,171,465; Aug. 29.
Grinding mill, Roller. C. Carruthers. 2,156,620; May 2.
Grinding mill, Roller and breast. C. Carruthers. 2,156,618; May 2.
Grinding or cutting machine, Metal and other. A. H. Orcutt. 2,178,022; Oct. 31.
Grinding or honing machine. J. H. Tharp. 2,162,187; June 13.
Grinding stone. J. E. Hassler. 2,178,855; Nov. 7.
Grinding tool. J. Y. Blazek. 2,179,465; Nov. 7.
Grinding tool, Crankshaft. E. M. McGovern and P. Schrick. 2,171,417; Aug. 29.
Grinding wheel. A. P. Beebe. 2,164,560; July 4.
Grinding wheel. G. Crompton, Jr. 2,148,400; Feb. 21.
Grinding wheel. C. J. Hudson. 2,178,835; Nov. 7.
Grinding wheel. E. Van der Pyl. 2,150,886; Mar. 14.
Grinding wheel. H. W. Wagner and K. F. Whitcomb. 2,173,462; Sept. 19.
Grinding wheel for soft materials. A. Montagné. 2,183,082; Dec. 12.
Grinding wheel reciprocating mechanism. A. C. Abrams. 2,163,443; June 20.
Grinding wheel spindle reciprocating apparatus. C. G. Flygare. 2,151,655; Mar. 21.
Grinding wheel trimming device. A. Roman. 2,151,802; Mar. 28.
Grinding wheel truing apparatus. C. G. Flygare. 2,170,605; Aug. 22.
Grinding wheel truing apparatus. W. H. Wood. 2,171,902; Sept. 5.
Grip and attaching means therefor, Hose supporter. F. E. Mefford. 2,166,474; July 18.
Grip and protector, Hose. J. H. Bohrer. 2,181,086; Nov. 21.
Grip for handles. H. L. Fletcher. 2,166,044–5; July 11.
Grip, Spring rail. E. R. Packer. 2,152,853; Apr. 4.
Grip, Two-piece Bakelite. C. A. Bradley. 2,146,415; Feb. 7.
Gripping and coupling means. S. V. Dillon. 2,182,797; Dec. 12.
Gripping device. E. E. Kellems. 2,164,278; June 27.
Gripping device. M. J. Roche. 2,154,531; Apr. 18.
Gripping device in machines for handling tobacco. E. R. Dahlström. 2,179,446; Nov. 7.
Grommet. W. E. Smith. 2,167,285; July 25.
Grommet securing tool. J. E. Sake. 2,178,187; Oct. 31.
Grooves or channels in dielectric material, Producing. G. Mahlck. 2,156,156; Apr. 25.
Grooving and surfacing machine. W. H. Haynes. 2,160,732; May 30.
Grooving machine. R. F. Onsrud. 2,168,234; Aug. 1.
Ground detector. R. W. Smith. 2,179,901; Nov. 14.
Ground-fault protection. R. D. Evans. 2,162,531; June 13.
Ground fitting. S. W. Borden. 2,156,965; May 2.
Ground glass joint. H. K. Martin. 2,154,574; Apr. 18.
Ground preparing machine C. C. Taylor. 2,173,771; Sept. 19.
Ground speed and drift meter. U. G. Ent. 2,175,186; Oct. 10.
Ground-wire clamp. J. Rogoff. 2,164,021; June 27.
Ground-working implement. J. Morkoski. 2,159,669; May 23.
Ground working machine. S. F. Webb. 2,160,243; May 30.
Grounding device. W. D. Hamer. 2,179,720; Nov. 14.
Grounding device for coaxial conductor lines. L. R. Schreiner. 2,183,945; Dec. 19.
Grounding rod, Tubular electric. G. A. Hornbecker. 2,145,420; Jan. 31.
Grounding rod, Tubular electrical. H. C. Daniels 2,147,828; Feb. 21.
Grubbing implement. R. W. Briggs. 2,154,970; Apr. 18.
Guard. E. Bruns. 2,147,765; Feb. 21.
Guard and handle, Lamp. F. C. Kollath. 2,157,738; May 9.
Guard and side slack bracing for crate-loaded cars, Doorway. H. C. Pierce. 2,156,866; May 2.
Guard and stay, Door. J. B. Bradshaw. 2,180,578; Nov. 21.
Guard, Automobile bumper. J. J. Riehl. 2,167,186; July 25.
Guard, Automobile bumper. R. J. Van Schie. 2,144,695; Jan. 24.
Guard, Brake gear safety. D. M. Light. 2,165,864; July 11.
Guard, Bumper. C. C. Campbell. 2,175,502; Oct. 10.
Guard, Bumper. H. S. Jandus and H. Buchanan. 2,173,276; Sept. 19.
Guard, Bumper. R. C. Legat. 2,166,816; July 18.
Guard, Bumper. S. De Orlow. 2,146,801; Feb. 14.
Guard, Bumper. R. A. Sandberg. 2,177,190; Oct. 24.
Guard, Bumper. R. C. Sanders. 2,144,167; Jan. 17.
Guard, Bumper. R. Weiss. 2,177,968; Oct. 31.
Guard, Burglar-alarm window. H. Jackson. 2,179,042; Nov. 7.
Guard, Center road-dividing. J. B. Rauen. 2,163,809; June 27.
Guard, Crossing. J. M. Morgan. 2,175,636; Oct. 10.
Guard, Dental burr. G. J. Henneman. 2,176,339; Oct. 17.
Guard, Dust. R. H. Kimball. 2,165,102; July 4.
Guard, Dust. R. R. Stevens. 2,159,825; May 23.
Guard, Dust. A. Vigne and I. E. Cox. 2,152,937; Apr. 4.
Guard, dust guard casing, and closure, Journal box dust. J. D. Bigelow. 2,177,606; Oct. 24.
Guard, Electric lamp. O. A. Hockley. 2,178,907; Nov. 7.
Guard, Fender. G. E. Blenderman. 2,146,167; Feb. 7.
Guard, Finger. J. J. Buck. 2,148,186; Feb. 21.
Guard, Flexible highway. R. S. Mayer. 2,154,818; Apr. 18.
Guard for automobiles. K. G. Tell. 2,161,837; June 13.
Guard for dry shavers, Movable. J. H. Rand, Jr. 2,170,215; Aug. 22.
Guard for finger and toe nail clippers. F. J. Scholl. 2,146,132; Feb. 7.
Guard for fishhooks, Detachable weed. M. E. Walsh. 2,160,347; May 30.
Guard for fishing reels, Hand. T. Catron. 2,170,186; Aug. 22.
Guard for machine tools, Way. E. P. Burrell. 2,149,881; Mar. 7.
Guard for manual and like digits. W. M. Thompson. 2,143,927; Jan. 27.
Guard for motor vehicles, Radiator. F. W. Meyer. 2,184,882; Dec. 26.
Guard for portable electric lights, Lamp. L. Ludwig. 2,142,362; Jan. 3.
Guard for power presses, Safety. A. M. Frandsen. 2,171,523; Sept. 5.
Guard for primer valves. H. W. Klosterman. 2,157,545; May 9.
Guard for rock drills. F. M. Slater. 2,158,529; May 16.
Guard for sewing machine stitch regulators. M. Ingwer and H. Fleisher. 2,181,828; Nov. 28.
Guard, Foot. H. N. Wasser. 2,160,768; May 30.
Guard, Grille. J. Hollins. 2,169,695; Aug. 15.
Guard, Highway. J. E. McCracken. 2,181,703; Nov. 28.
Guard, Highway safety. A. L. Railey. 2,173,594; Sept. 19.
Guard, Hose. A. L. Wallace and R. Berkowitz. 2,160,240; May 30.
Guard, Hosiery. J. H. Kane. 2,150,327; Mar. 14.
Guard, Machinery. A. Simon. 2,163,473; June 20.
Guard means for electric switches. F. G. von Hoorn. 2,169,860; Aug. 15.
Guard, Nonlockable bumper. E. F. Spencer. 2,184,402; Dec. 26.
Guard or fringe and package therefor. R. C. Scott. 2,168,784; Aug. 8.
Guard, Ornamental grille and fender. G. A. Lyon. 2,168,354; Aug. 8.
Guard, Plowshare. F. O. Berquist. 2,181,007; Nov. 21.
Guard, Road. R. R. Roemer. 2,180,286; Nov. 14.
Guard, Safety. F. J. Catanzaro. 2,167,292; July 25.
Guard, Safety. T. Digman. 2,173,962; Sept. 26.
Guard, Saw. E. W. Griebling. 2,183,675; Dec. 19.
Guard, Sickle. T. A. P. Matthews. 2,152,265; Mar. 28.
Guard, Signal. D. C. Gearin. 2,177,386; Oct. 24.
Guard, Skate. T. W. Barnard. 2,181,779; Nov. 28.
Guard, Snap-on bumper. G. A. Lyon. 2,168,356; Aug. 8.
Guard, Splash. C. A., F. B., and W. A. Geers. 2,181,807; Nov. 28.
Guard structure, Bumper. H. Buchanan. 2,184,631; Dec. 26.
Guard structure, Bumper. R. A. Sandberg. 2,184,651; Dec. 26.
Guard, Sucker-rod. D. R. Anderson. 2,153,787; Apr. 11.
Guard, Tooth brush. F. M. Bouchard. 2,154,435; Apr. 18.
Guard, Torpedo. W. S. Hendra. 2,142,751; Jan. 3.
Guard, Traffic. E. V. Camp. 2,167,635; Aug. 1.
Guard, Trolley wire. J. G. Groendyk. 2,151,099; Mar. 21.
Guard, Trousers. B. M. Takahashi. 2,156,206; Apr. 25.
Guard, Vehicle. J. W. Altmyer. 2,158,813; May 16.
Guard, Vehicle. J. W. Altmyer. 2,174,252; Sept. 26.
Guard, Vehicle tender. B. D. Johnstone. 2,177,112; Oct. 24.

Guard, Wheel. R. W. Harroun and E. K. Zimmerman. 2,161,160; June 6.
Guard, Wheel. R. W. Harroun and E. K. Zimmerman. 2,163,321; June 20.
Guard, Window. S. Dorf. 2,183,135; Dec. 12.
Guard, Window. L. C. Jones. 2,174,941; Oct. 3.
Guard, Window cleaner's. C. Hines. 2,171,446; Aug. 29.
Guards and/or packing, Making dust. H. W. Richter. 2,151,410; Mar. 21.
Guards or bumpers, Applying. M. Côté. 2,166,798; July 18.
Guardrail. P. Carlson. 2,172,830; Sept. 12.
Guardrail. E. Phipps. 2,146,912; Feb. 14.
Guardrail for railway cars, Folding. J. J. McBride. 2,164,586; July 4.
Guardrail, Highway. M. W. Wertman. 2,172,919; Sept. 12.
Guardrail, Roadway. W. J. Patton. 2,171,948; Sept. 5.
Guide. A. N. Kettner. 2,159,386; May 23.
Guide and check, Pump rod. G. E. Slaugenhop. 2,167,591; July 25.
Guide and deflector for glass charges. J. W. Ross. 2,148,220; Feb. 21.
Guide and fastener for sliding doors, Combined. D. C. E. Leonard. 2,146,633; Feb. 7.
Guide and fork for barn cleaning apparatus, Rotary conveyer. V. L. Custer. 2,171,330; Aug. 29.
Guide and sealing means, Combination boring bar. G. G. Probert. 2,182,263; Dec. 5.
Guide, Band saw. H. G. Miller. 2,152,906; Apr. 4.
Guide control mechanism. W. C. Nash. 2,169,706; Aug. 15.
Guide device for blade propellers. H. Mueller and E. Schneider. 2,184,865; Dec. 26.
Guide, Discharge. J. McIntosh. 2,166,593; July 18.
Guide, Drawer partition. R. W. Irwin and N. Bekius. 2,144,804; Jan. 24.
Guide, Elevator door. H. J. Loftis. 2,142,519; Jan. 3.
Guide, Extension supporting roller drawer. M. H. Harmon. 2,142,898; Jan. 3.
Guide for business machines, Ink ribbon. W. A. Anderson 2,182,109; Dec. 5.
Guide for cone or tube winding machines, Thread. E. S. Kennedy. 2,160,780; May 30.
Guide for drill steels. R. D. Kellegrew. 2,177,300; Oct. 24.
Guide for flush tank valves. F. M. Heath. 2,171,447; Aug. 29.
Guide for machine tools. F. Eisele. 2,182,019; Dec. 5.
Guide for reciprocating platens. E. Cannon. 2,148,855; Feb. 28.
Guide for rolling mills and other machines. W. J. Glenn. 2,184,118; Dec. 19.
Guide for rolling mills, Strip. C. J. Klein. 2,165,104; July 4.
Guide for tractors, Floating drawbar. G. H. Dreisbach. 2,150,269; Mar. 14.
Guide for warp knitting machines, Laying machine. E. H. Wirth. 2,166,032; July 11.
Guide, Glass-cutting. J. Levin. 2,174,469; Sept. 26.
Guide head for yarn packaging device, Reciprocating. W. J. Elvin and J. L. Killoran. 2,181,267; Nov. 28.
Guide holder for writing implements. V. J. Tizio. 2,184,130; Dec. 19.
Guide line, Illuminated. J. H. Greene. 2,162,302; June 13.
Guide, Masonry. W. S. Byrnes. 2,143,237; Jan. 10.
Guide or the like, Lettering. I. L. McNeil. 2,152,904; Apr. 4.
Guide, Rod. C. A. Boyd. 2,145,336; Jan. 31.
Guide, Sash. C. M. Verhagen. 2,153,218; Apr. 4.
Guide, Saw file. E. L. Woodbury. 2,171,169; Aug. 29.
Guide, Sewer rod. J. Hochberger. 2,163,947; June 27.
Guide, Winding. M. H. Reitinger. 2,146,129; Feb. 7.
Guider. P. A. Sperry. 2,170,578; Aug. 22.
Guider for cloth. R. Hetherington. 2,178,231; Oct. 31.
Guideway, storage, and delivery device for bobbins, Combined. G. Porfido. 2,151,868; Mar. 28.
Guiding and backing means for automobile trailers. A. M. Wright. 2,159,721; May 23.
Guiding means for conveyer chains. H. Edwards. 2,150,320; Mar. 14.
Guiding means for doors. R. H. Wagner. 2,179,362; Nov. 7.
Guitar. J. W. Neal. 2,183,579; Dec. 19.
Gum, Apparatus for handling chewing. J. W. Bowman. 2,171,960; Sept. 5.
Gum base and the like, Treating ingredients of a chewing. G. A. Hatherell. 2,151,101; Mar. 21.
Gum base, Chewing. H. M. Weber. 2,154,482; Apr. 18.
Gum development and the like in motor fuel, Prevention of. H. P. Lankelma. 2,148,758; Feb. 28.
Gum formation in cracked hydrocarbons, Inhibiting. G. W. Ayers, Jr. 2,171,780; Sept. 5.
Gumming machine. G. W. von Hofe. 2,159,641; May 23.
Gun adapter, Grease. C. Lagergren. 2,178,966; Nov. 7.
Gun and camera, Combination. O. W. Atkin and P. Fisher. 2,144,909; Jan. 24.
Gun and means for heating air and liquid supplied thereto, Spray. C. F. Hoyt. 2,148,986; Feb. 28.
Gun, Air. J. P. Appleby. 2,156,797; May 2.
Gun, Automatic. H. O. Eiane. 2,149,512; Mar. 7.
Gun battery or mounting, more particularly for antiaircraft defense. F. Radelet and M. Schul. 2,181,819; Nov. 28.
Gun, Blast. C. B. Pletcher. Re. 21,275; Nov. 21.
Gun, Calk. S. Crewe. 2,180,978; Nov. 21.
Gun, Calking. W. Grund. 2,175,601; Oct. 10.
Gun, Clay. J. S. Fraser and J. Miles. 2,169,604; Aug. 15.
Gun firing mechanism. B. P. Joyce. 2,142,132; Jan. 3.
Gun for paints and the like, Spray. A. Krautzberger. 2,149,181; Feb. 28.
Gun for viscose pumps, Cleaning. A. F. Bean. 2,144,560; Jan. 17.
Gun, Gas. C. J. Manville. 2,151,521; Mar. 21.
Gun, Grease. E. E. Hewitt. 2,142,189; Jan. 3.
Gun, Grease. H. L. Olive. 2,142,081; Jan. 3.
Gun, Grease. N. V. Smith and C. W. Stoll. 2,178,004; Oct. 31.
Gun having means for directly canting the trunnion axis. C. Waninger. 2,151,630; Mar. 21.
Gun loading device. C. Waninger. 2,151,288; Mar. 21.
Gun, Machine. O. von Kozurik. 2,147,003; Feb. 14.
Gun, Magazine. R. Schultz. 2,143,331; Jan. 10.
Gun, Metal spray. G. L. Hammon. 2,181,082; Nov. 21.
Gun mount. G. H. Rarey. 2,143,900; Jan. 17.
Gun mount and ammunition container therefor, Shielded flexible. J. F. Haberlin. 2,182,868; Dec. 12.
Gun mount and flush protective shield therefor, Aircraft. J. C. Sanders. 2,164,722; July 4.
Gun mount for aircraft. G. Steuerlein. 2,178,291; Oct. 31.
Gun mount, Machine. J. G. Taylor. 2,148,515; Feb. 28.
Gun, Nonrecoil. G. W. L. Prettyman. 2,156,605; May 2.
Gun, Perforating. L. H. Metzner. 2,142,572; Jan. 3.
Gun, Perforating. H. C. Yarbrough. 2,142,583; Jan. 3.
Gun perforator. J. T. Phipps. 2,156,228; Apr. 25.
Gun perforator and method. I. J. McCullough. 2,154,859; Apr. 18.
Gun, Phase wave ion. N. B. Wales, jr. 2,163,740; June 27.
Gun, Play. R. E. Reardon. 2,145,277; Jan. 31.
Gun-pointing accessory. C. G. Trimbach. 2,175,931; Oct. 10.
Gun, Practice. L. Kassler. 2,161,172; June 6.
Gun reloader. I. J. Rice, Jr. 1,142,918; Jan. 3.
Gun sight. J. E. Ganaway. 2,181,081; Nov. 21.
Gun sight. B. Kyle. 2,148,272; Feb. 21.
Gun sight. C. C. Loomis. 2,155,199; Apr. 18.
Gun sight. C. C. Loomis. 2,161,303; June 6.
Gun sight. C. C. Loomis. 2,176,743-4; Oct. 17.
Gun sight. C. C. Loomis. 2,178,262; Oct. 31.
Gun sight, Adjustable. D. W. King. 2,162,090; June 13.
Gun, Spray. P. W. Hovey and C. L. Thompson. 2,156,783; May 2.
Gun starter and recharger, Machine. P. G. Wagner. 2,180,751; Nov. 21.
Gun, Sub-machine. L. N. Nomar. 2,167,672; Aug. 1.
Gun, Target-optical-projection practice. I. E. Cohn. 2,169,832; Aug. 15.
Gun, Trap. E. P. Marlman. 2,145,488; Jan. 31.
Gun trap, Automatic. R. E. Barnes. 2,142,774; Jan. 3.
Gun, Trapper's spring. I. A. Stephens. 2,179,647; Nov. 14.
Gun turret for aircraft. P. H. E. de Gavardie. 2,182,722; Dec. 5.
Gun, Veterinary dose. E. A. Stricklen. 2,170,599; Aug. 22.
Guns, Cooling of machine. P. F. Rossmann. 2,146,554; Feb. 7.
Gunpowder by means of an acetone and alcohol solvent mixture, Preparation of. A. Kunz. 2,153,331; Apr. 4.
Gunstock. C. C. Anderson. 2,161,498; June 6.
Gut and using the same, Ribbon. W. P. Didusch. 2,143,910; Jan. 17.
Gut, Treating. N. M. Adams. 2,164,101; June 27.
Gutter mounting device. C. W. Reynolds. 2,147,799; Feb. 21.
Gutter suspension. T. J. Neisworth. 2,144,225; Jan. 17.
Gypsum, Aging calcined. F. L. Marsh and D. C. Chads. 2,177,668; Oct. 31.
Gyrocompass, Constant period. F. D. Braddon. 2,158,048; May 9.
Gyroscope. R. Alkan. 2,159,118; May 23.
Gyroscope. H. Brandt. 2,182,534; Dec. 5.
Gyroscope. J. Fieux. 2,180,043; Nov. 14.
Gyroscope, Directional. L. F. Carter and A. F. Spilhaus. 2,174,777; Oct. 3.
Gyroscope, Electrically driven. H. Roth and J. Möller. 2,176,804; Oct. 17.
Gyroscope, Temperature compensated. M. F. Bates. 2,180,136; Nov. 14.
Gyroscopes, Quick setting means for directional. M. F. Bates. 2,161,241; June 6.
Gyroscopes, Resetting device for directional. L. F. Carter. 2,180,221; Nov. 14.
Gyroscopic apparatus. J. P. Brown and F. D. Aldridge. 2,146,620; Feb. 7.
Gyroscopic apparatus. E.-A. Cornelius. 2,175,143; Oct. 3.
Gyroscopic apparatus for determining the inclination of an airplane. P. E. Köster. 2,175,631; Oct. 10.
Gyroscopic apparatus for directing flight. R. H. Goddard. 2,183,314; Dec. 12.
Gyroscopic device. J. B. Dearing. 2,173,228; Sept. 19.

Gyroscopic navigation instrument. D. G. K. Moss. 2,159,099; May 23.
Gyroscopic steering apparatus. R. H. Goddard. 2,158,180; May 16.
Hack and compass saw frame, Combination. J. M. Up De Graff. 2,154,367; Apr. 11.
Hacksaw. T. Chucto. 2,183,669; Dec. 19.
Hacksaw. C. P. Kessler. 2,173,365; Sept. 19.
Hacksaw blade, Power. L. R. Fetterolf. 2,152,183; Mar. 28.
Hacksaw frame members, Manufacture of. D. E. Priest. 2,154,009; Apr. 11.
Hacksaw, Hydraulically operated. H. Eisenlohr. 2,182,289; Dec. 5.
Hacksaw, Power. C. I. Duvall. 2,175,111; Oct. 3.
Hacksaw, Power operated. A. H. Pneuman. 2,182,234; Dec. 5.
Hackle for artificial fishing fly and making same. G. F. Grant. 2,178,301; Oct. 31.
Hair, Apparatus for curling. S. F. Kayn and D. D. Whyte. 2,156,948; May 2.
Hair, Apparatus for winding. J. McAdie. 2,150,513; Mar. 14.
Hair bearing figure and making same. M. Jacoby. 2,175,693; Oct. 10.
Hair clip. F. Fuscaldo and A. Parks. 2,149,214; Feb. 28.
Hair clip. B. Polák. 2,164,940; July 4.
Hair clipping blade set, Replaceable. M. Andis. 2,168,642; Aug. 8.
Haircloth. E. A. C. A. and P. C. L. A. Gheysens. 2,160,616; May 30.
Hair, Cold permanent waving of. D. J. Pye. 2,183,894; Dec. 19.
Hair collecting apparatus. M. Hartzman. 2,161,350; June 6.
Hair curler. A. Caldora. 2,169,021; Aug. 8.
Hair curling. R. P. Burns. 2,159,131; May 23.
Hair curling. M. L. Urs. 2,171,956; Sept. 5.
Hair curling apparatus. B. Marek and C. Sebesta. 2,150,285; Mar. 14.
Hair curling device. L. G. Arpin. 2,163,524; June 20.
Hair curling device. R. J. Crawford. 2,164,387; July 4.
Hair curling device. S. Freeman. 2,171,332; Aug. 29.
Hair curling device. H. B. Hobbs. 2,150,504; Mar. 14.
Hair curling device. H. Huber. 2,160,362; May 30.
Hair curling device. F. C. Wallace and A. A. Leisy. 2,156,073; Apr. 25.
Hair-curling device and process thereof. J. A. Kols. 2,167,387; July 25.
Hair cut gauging device. T. Bleckmann. 2,176,880; Oct. 24.
Hair cutting and shaping implement. A. H. Madore. 2,152,898; Apr. 4.
Hair cutting machine. J. Suozzi. 2,184,981; Dec. 26.
Hair device. W. Huppert. 2,146,675; Feb. 7.
Hair device. L. Wilson. 2,175,140; Oct. 3.
Hair, Device for straightening. A. Shelby. 2,170,577; Aug. 22.
Hair, Device for treating the. W. A. Hambrick, Jr. 2,171,725; Sept. 5.
Hair, Device for use in waving or curling. W. R. McConkie. 2,151,859; Mar. 28.
Hair divider. A. G. Johnson. 2,147,040; Feb. 14.
Hair dressing and curling tool. O. C. Williams. 2,166,203; July 18.
Hair dressing appliance. I. C. Molleson. 2,165,716; July 11.
Hairdressing cap. B. Nichthauser. 2,148,771; Feb. 28.
Hairdressing device. G. Rosch. 2,146,486; Feb. 7.
Hairdressing means. F. Cerisano. 2,160,471; May 30.
Hair-dressing tool. H. C. Schlicker. 2,146,160; Feb. 7.
Hair-dressing tool. H. C. Schlicker. 2,148,393; Feb. 21.
Hairdressing tool. H. C. Schlicker. 2,156,255–6; Apr. 25.
Hair drier. D. C. Hudson. 2,147,704; Feb. 21.
Hair drier. D. C. Hudson. 2,174,583; Oct. 3.
Hair drying and waving apparatus. W. H. Bottorf. 2,145,539; Jan. 31.
Hair dyeing composition and method. W. Kritchevsky. 2,163,043; June 20.
Hair fastener. P. J. Graham. 2,170,636; Aug. 22.
Hair fastener. W. Huppert. 2,142,849; Jan. 3.
Hair fastener. W. Huppert. 2,170,778; Aug. 22.
Hair-fastening device. W. Zupnyk. 2,171,019; Aug. 29.
Hair foundation roll. J. W. W. Holden. 2,152,737; Apr. 4.
Hair, Means for use in curling. A. G. Bowyer. 2,144,829; Jan. 24.
Hair, Method and apparatus for differentially waving. J. Torres. 2,152,714; Apr. 4.
Hair, Method of and apparatus for waving. J. Eibner. 2,142,635; Jan. 3.
Hair net. S. Henry. 2,183,963; Dec. 19.
Hair net. L. Mayer. 2,142,201; Jan. 3.
Hair net protector. E. H. Atkins. 2,172,692; Sept. 12.
Hair parting device. W. D. Williamson. 2,155,917; Apr. 25.
Hair, Permanently waving. L. T. Joselyn. 2,143,700; Jan. 10.
Hair, Permanently waving. C. O. McIntosh. 2,143,740; Jan. 10.
Hair, Permanent waving of. A. F. Willat. 2,180,380; Nov. 21.
Hairpin. F. Beiter. 2,161,946; June 13.
Hairpin. E. C. Burns. 2,166,460; July 18.
Hairpin. N. A. Johnson. 2,148,073; Feb. 21.
Hairpin. J. W. Reynolds. 2,172,852; Sept. 12.
Hairpin holder. A. E. Posner. 2,164,623; July 4.
Hairpin opener. S. E. Ordal. 2,168,432; Aug. 8.
Hairpin remover. E. Byrn. 2,178,776; Nov. 7.
Hair remover device. G. A. Broyles. 2,155,299; Apr. 18.
Hair remover, Superfluous. L. D. Bendure. 2,156,717; May 2.
Hair-retaining device. G. Guglielmi. 2,174,263; Sept. 26.
Hair rinsing preparation. R. R. Frew. 2,167,502; July 25.
Hair roll or the like. W. Huppert. 2,146,674; Feb. 7.
Hair roller. N. L. Solomon. 2,152,673; Apr. 4.
Hair shearing machine, Electrically driven. J. A. Hanley. 2,176,337; Oct. 17.
Hairspring remover for watches and the like. W. V. Seward. 2,167,089; July 25.
Hairsprings and like devices, Apparatus and method for testing. R. R. Lawson, C. L. Bennett, and F. D. Urie. 2,158,725; May 16.
Hair, Tensioning. R. W. Flinn. 2,156,808; May 2.
Hair treatment. J. C. Brown. 2,155,178; Apr. 18.
Hair, Treatment of human. E. Soussa. 2,149,319; Mar. 7.
Hair trimmer. H. Lewis. 2,165,391; July 11.
Hair trimming device. H. Lewis. 2,171,880; Sept. 5.
Hair waver. G. Yates. 2,168,014; Aug. 1.
Hair waver, Permanent. C. de la Garza. 2,163,375; June 20.
Hair, Waving. R. L. Evans and E. G. McDonough. 2,151,692; Mar. 28.
Hair waving. A. L. Wilson. 2,154,925; Apr. 18.
Hair waving. A. L. Wilson and H. Morin. 2,154,924; Apr. 18.
Hair waving apparatus. F. O. Conill. 2,155,115; Apr. 18.
Hair waving apparatus. E. O. Frederics. 2,167,831; Aug. 1.
Hair-waving apparatus. R. G. Leland. 2,155,975; Apr. 25.
Hair-waving apparatus. R. G. Leland. 2,158,800; May 16.
Hair waving apparatus. L. Markel and F. L. Reynolds. 2,153,671; Apr. 11.
Hair waving apparatus. F. V. Schleimer. 2,161,202; June 6.
Hair waving apparatus. O. Siefert and R. Pfennig. 2,170,220; Aug. 22.
Hair waving apparatus and method, Permanent. W. J. Faires. 2,145,045; Jan. 24.
Hair waving device. S. B. Beliaeff. 2,180,388; Nov. 21.
Hair waving device. L. M. Chandonnet. 2,158,570; May 16.
Hair waving device. J. Metz. 2,159,358; May 23.
Hair waving device. D. W. Record. 2,154,637; Apr. 18.
Hair waving device. F. V. Schleimer. 2,161,203; June 6.
Hair waving device. E. H. Schoenling. 2,155,282; Apr. 18.
Hair waving device. R. B. Seward. 2,175,221; Oct. 10.
Hair waving heater. A. M. Poniatoff. 2,152,359; Mar. 28.
Hair waving machine. F. O. Conill. 2,152,583; Mar. 28.
Hair waving, Method of and pad for. C. J. Lewit. 2,160,744; May 30.
Hair waving or curling device. S. B. Beliaeff. 2,183,275; Dec. 12.
Hair waving pad. R. L. Evans and E. G. McDonough. 2,178,567; Nov. 7.
Hair waving, Permanent. H. V. Michael. 2,171,885; Sept. 5.
Halide compositions, Polyvinyl. C. H. Alexander. 2,174,545; Oct. 3.
Halide compositions, Polyvinyl. C. H. Alexander. 2,175,049; Oct. 3.
Halide compositions, Polyvinyl. C. H. Alexander. 2,179,973; Nov. 14.
Halides and sulphonic acids from pseudothioureas, Preparing sulphonyl. T. B. Johnson. 2,146,744; Feb. 14.
Halides containing a quaternary carbon atom, Alkyl. F. C. Whitemore and A. H. Homeyer. 2,151,252; Mar. 21.
Halides, Manufacture of alkyl. R. E. Schaad. 2,144,816; Jan. 24.
Halides, Producing sulphonyl. T. B. Johnson. 2,174,856; Oct. 3.
Halides, Sulphonic. T. B. Johnson. 2,147,346; Feb. 14.
Halides, Treating polyvinyl. S. L. Brous. 2,157,997; May 9.
Halo-benzenes, Alkylated poly-isoproyl. R. R. Dreisbach and G. B. Heusted. 2,183,552; Dec. 19.
Halogen-alkyl amines or their salts, Producing. H. Ulrich, E. Ploetz, and M. Bögemann. 2,163,181; June 20.
Halogen extraction. G. W. Hooker. 2,143,224; Jan. 10.
Halogenated material and producing same. I. E. Muskat and A. G. Chenicek. 2,184,888; Dec. 26.
Halogenated peri-naphthindenones. K. Koeberle, W. Rohland, and C. Steigerwald. 2,145,051; Jan. 24.
Halo-phenols, Alkylated. L. E. Mills. 2,176,010; Oct. 10.
Halter, Bull resisting. C. F. Rapp. 2,163,855; June 27.
Ham boiler. H. Reinwald. 2,161,089; June 6.
Ham package and making same. C. H. Vogt. 2,179,676; Nov. 14.
Hamburger mold. B. Moran. 2,173,760; Sept. 19.
Hamburger press. F. M. Miller. 2,184,080; Dec. 19.

Hamburger steak forming machine. S. Santo. 2,150,659; Mar. 14.
Hammer. I. Margolis. 2,175,846; Oct. 10.
Hammer. S. S. Vaughan. 2,184,985; Dec. 26.
Hammer, Air. S. Yabe. 2,167,320; July 25.
Hammer adjusting means for pneumatic sheet metal flatteners. F. J. Hauschild. 2,148,619; Feb. 28.
Hammer and the like, Air. F. H. Borm. 2,147,685; Feb. 21.
Hammer, Automatic magnetic tack. E. Blackmon. 2,170,468; Aug. 22.
Hammer, Bumping. E. J. Seiden and F. E. Mazurek. 2,146,358; Feb. 7.
Hammer, Drilling bucket. G. J. Solomon. 2,152,220; Mar. 28.
Hammer, Electric. R. T. Fetherston. 2,145,760; Jan. 31.
Hammer for firearms. D. B. Wesson. 2,176,478; Oct. 17.
Hammer for impact pulverizers. F. E. Smith. 2,152,332; Mar. 28.
Hammer frame and adjustable ram guides, Integral. W. W. Criley. 2,142,114; Jan. 3.
Hammer, Glazing. J. Riedel. 2,155,683; Apr. 25.
Hammer, Internal combustion. F. N. Bard. 2,175,736; Oct. 10.
Hammer, Internal combustion. C. L. Charles. 2,180,034; Nov. 14.
Hammer, Jacquard. H. V. Foster. 2,167,041; July 25.
Hammer lifting means, Drop. W. W. Criley. 2,142,112; Jan. 3.
Hammer mechanism, Variable stroke drop. W. W. Criley. 2,142,113; Jan. 3.
Hammer mill. W. A. Battey. 2,149,571; Mar. 7.
Hammer mill. J. A. Erickson. 2,169,684; Aug. 15.
Hammer mill. C. E. Haaland. 2,148,022; Feb. 21.
Hammer mill. S. D. Hartshorn. 2,170,407; Aug. 22.
Hammer, Pneumatic. F. H. Borm. 2,158,567–8; May 16.
Hammer, Power. J. Holloway. 2,170,757; Aug. 22.
Hammer, Rotary. J. P. Brooks. 2,183,880; Dec. 19.
Hammock and swing hanger, Nonsqueak. S. L. Hudson. 2,182,587; Dec. 5.
Hams or the like, Device for holding. H. Redfern and O. L. Blackburn. 2,176,149; Oct. 17.
Handbag. A. Mayer. 2,166,217; July 18.
Handbag. B. R. Thornhill and M. E. Rohr. 2,175,327; Oct. 10.
Handbag, Lady's. F. N. Lewis. 2,150,979; Mar. 21.
Handbag, Lady's. E. S. Rinehart. 2,182,879; Dec. 12.
Handbag latch. B. Wachs and D. H. Colin. 2,177,506; Oct. 24.
Handbag structure. G. S. Merk. 2,165,901; July 11.
Hand brake. R. W. Burnett. 2,158,055; May 16.
Hand brake. G. F. Endicott. 2,152,376; Mar. 28.
Hand brake. C. G. Naylor. 2,174,668; Oct. 3.
Hand brake. R. J. Olander. 2,142,256; Jan. 3.
Hand brake. R. J. Olander. 2,160,279; May 30.
Hand brake, Railway car. E. E. Van Cleave. 2,152,715; Apr. 4.
Hand grenade. H. L. Sthyr. 2,144,554; Jan. 17.
Hand, Hydraulic. G. H. Hedrick, F. P. Myers, and R. E. Stark. 2,151,850; Mar. 28.
Hand, Hydraulic artificial. J. Sargeson. 2,182,214; Dec. 5.
Handkerchief. Made-up. C. W. Beardsley. 2,168,787; Aug. 8.
Hand loom. E. M. Lewis. 2,153,764; Apr. 11.
Hand luggage handle. G. H. Wheary. 2,168,077; Aug. 1.
Hand measuring instrument. A. C. Davis, Jr. 2,146,799; Feb. 14.
Hand press. F. Lindgren. 2,184,356; Dec. 26.
Hand protector. K. E. Jensen. 2,142,788; Jan. 3.
Hand steering wheel. F. G. Woollard. 2,152,370; Mar. 28.
Hand tool. A. R. Erickson. 2,183,960; Dec. 19.
Hand tool. E. W. Gent. 2,184,074; Dec. 19.
Hand tool. H. P. Van Keuren. 2,168,812; Aug. 8.
Hand tool. T. S. and P. S. Vosbikian. 2,184,986; Dec. 26.
Hand tool, Power-driven. J. R. Putnam. 2,146,551; Feb. 7.
Hand tool, Variable heat control electric. E. V. Paolicelli. 2,146,979; Feb. 14.
Hand wheel. F. J. Stolpe. 2,182,413; Dec. 5.
Hand winding reel. A. E. Zambarano. 2,176,286; Oct. 17.
Handwriting, Device for the classification of. L. E. Marchant and S. S. Herring. 2,148,567; Feb. 28.
Handle: *See*—
Ax handle.
Brake valve handle.
Casket handle.
Coat and trouser hanger.
Container handle.
Control handle.
Door handle.
Door latch handle.
Faucet handle.
Fishing rod handle.
Hand luggage handle.
Implement handle.
Luggage handle.
Machine handle.
Parcel handle.
Push-on type handle.
Saw handle.
Slip handle.
Stove handle.
Switch handle.
Tool handle.
Upholstery handle.
Utensil handle.
Waffle iron handle.
Welder handle.
Handle. G. E. Lofgren. 2,182,565; Dec. 5.
Handle. J. Maga. 2,175,632; Oct. 10.
Handle. H. H. Raymond. 2,142,953; Jan. 3.
Handle and blade, Saw. J. E. Davey. 2,149,241; Feb. 28.
Handle and component parts thereof, Knife. F. A. Mirando and H. Vossler. 2,170,537; Aug. 22.
Handle assembly, Door. M. B. Andrie. 2,164,486; July 4.
Handle attaching clamp. G. C. Smalley. 2,146,996; Feb. 14.
Handle bar. B. J. Anderson. 2,143,234; Jan. 10.
Handlebar structure. S. A. Snell. 2,180,617; Nov. 21.
Handle box. A. Berke. 2,164,561; July 4.
Handle construction. H. A. Leary. 2,142,137; Jan. 3.
Handle construction and connection. N. Kataja. 2,173,437; Sept. 19.
Handle construction, Door. G. E. Dey. 2,148,191; Feb. 21.
Handle construction, Door. L. Ottinger. 2,173,131; Sept. 19.
Handle construction, Food mixer. W. B. Kochner. 2,179,745; Nov. 14.
Handle construction for sadirons and the like. H. A. Smith. 2,159,455; May 23.
Handle device, Control. H. W. Hey. 2,161,778; June 6.
Handle for air-method cleaners, Duopneumatic. D. B. Replogle. 2,175,643; Oct. 10.
Handle for automobiles, Emergency brake. A. L. Johnson. 2,183,772; Dec. 19.
Handle for cooking utensils. D. R. Mattoon. 2,151,276; Mar. 21.
Handle for cooking utensils. C. A. Stevens. 2,172,524; Sept. 12.
Handle for doors, windows, and the like, Operating. R. W. Newton. 2,163,101; June 20.
Handle for electric appliances or the like. W. E. Gundelfinger. 2,147,028; Feb. 14.
Handle for electrically driven tools, Operating. W. A. Frantz. 2,183,310; Dec. 12.
Handle for fishing rods. H. H. Harsted. 2,177,064; Oct. 24.
Handle for furniture and the like. A. L. Birdsall. 2,151,182; Mar. 21.
Handle for hand grenades. G. Erdmann. 2,168,979; Aug. 8.
Handle for manually propelled tools, Operating. J. J. McCabe and A. W. Seyfried. 2,162,313; June 13.
Handle for mattresses and the like. M. Bechik. 2,154,556; Apr. 18.
Handle for oars, cranks, and the like. J. J. Liss. 2,159,093; May 23.
Handle for sadirons, Ventilated. K. L. Woodman. 2,144,474; Jan. 17.
Handle for tool. A. P. Albrecht. 2,176,698; Oct. 17.
Handle for vacuum cleaners. B. J. Tamarin. 2,148,590; Feb. 28.
Handle, knob, or like construction. G. A. Tinnerman. 2,157,251; May 9.
Handle mounting for window operating means and the like. M. B. Andrie. 2,158,789; May 16.
Handle or lifting device for storage batteries. A. Foster. 2,170,750; Aug. 22.
Handle stick gripping mechanism, Portable. W. J. Taylor. 2,178,525; Oct. 31.
Handle structure. R. I. Huffman. 2,154,752; Apr. 18.
Handle switch. L. W. Pardee. 2,175,065; Oct. 3.
Handles and the like, Reinforcement for. F. W. Rubin. 2,155,804; Apr. 25.
Handles, knobs, and the like, Attaching. G. A. Tinnerman. 2,155,810; Apr. 25.
Handles, Method and apparatus for forming parcel. F. H. Meyer. 2,164,935; July 4.
Handling apparatus. F. P. Perkins. 2,147,055; Feb. 14.
Handysets and piles and apparatus therefor, Separating. J. R. Morrison and R. E. Babcock. 2,158,727; May 16.
Hanger: *See*—
Book hanger.
Brake hanger.
Broom and mop hanger.
Buffer fan hanger.
Cable hanger.
Clothes hanger.
Coat hanger.
Curtain hanger.
Door hanger.
Garment hanger.
Hammock and swing hanger.
Hat hanger.
Lighting fixture hanger.
Liner hanger.
Milk bottle hanger.
Pants hanger.
Pipe hanger.
Roll dispensing hanger.
Scaffold hanger.
Track hanger.
Trough hanger.
Trousers hanger.
Tubing hanger.
Window screen hanger.
Hanger. R. G. Ferris. 2,151,590; Mar. 21.
Hanger. M. C. Harvey. 2,166,492; July 18.
Hanger. I. J. Shafarman. 2,150,869; Mar. 14.
Hanger. J. A. Smith. 2,165,157; July 4.
Hanger. E. A. Wert. 2,159,870; May 23.
Hanger and clothes support, Combination coat. E. C. Gerow. 2,183,319; Dec. 12.
Hanger and folder, Garment. G. Richter. Re. 21,227; Oct. 3.
Hanger and lock therefor, Clothes. C. A. Byrnes. 2,171,682; Sept. 5.
Hanger and stuffing box support, Adjustable tubing. B. F. Conaghan. 2,179,814; Nov. 14.
Hanger and support therefor, Garment. S. Meyer. 2,180,489; Nov. 21.
Hanger construction. C. A. Barrett. 2,184,860; Dec. 26.
Hanger for automobiles, Clothes. C. E. Morley. 2,157,001; May 2.
Hanger for coiled wire bound tablets. J. A. MacDonnell. 2,181,662; Nov. 28.

Hanger for flexible loading spouts. O. J. Hatteberg. 2,156,587; May 2.
Hanger for garments. R. Bernhardt. 2,155,886; Apr. 25.
Hanger for gutters. C. P. Boyd. 2,150,414; Mar. 14.
Hanger for screens and storm sash. K. F. Nothdurft. 2,181,585; Nov. 28.
Hanger for trousers. G. Subick. 2,163,295; June 20.
Hanger or the like, Skirt. M. B. Nelson. 2,160,785; May 30.
Hanger structure for gliders. H. A. Yerrick. 2,179,395; Nov. 7.
Hanger support, Garment. K. E. Plants. 2,144,772; Jan. 24.
Hangers, Method and machine for forming wire. S. Simmons and C. McKeen. 2,146,035; Feb. 7.
Hangers of wire, Machine for making garment. D. S. Boyles. 2,162,669; June 13.
Hanging apparatus, Clothes. E. C. Robertson. 2,166,771; July 18.
Hard facing alloy. A. E. Wisler and H. B. Woods. 2,179,836; Nov. 14.
Hardening, Apparatus for. F. S. Denneen and W. C. Dunn. 2,164,310; July 4.
Hardening process for high speed steel tools and other articles. A. W. Machlet. 2,142,139; Jan. 3.
Hardness tester. E. P. Polushkin. 2,182,235; Dec. 5.
Hardness testing machine. G. Reicherter. 2,154,823; Apr. 18.
Hardware. P. Hiza. 2,169,985; Aug. 15.
Hardware, Builder's. E. H. Johnson. 2,171,065; Aug. 29.
Hardware, Casket. R. Larson. 2,155,197; Apr. 18.
Hardware, Multiple sash window. E. F. Wiley. 2,158,714; May 16.
Harmonic producer. J. M. Manley. 2,150,386; Mar. 14.
Harmonic producer system. M. E. Campbell and J. M. West. 2,146,053; Feb. 7.
Harmonic producing apparatus. E. Peterson. 2,146,091; Feb. 7.
Harmonica. C. J. Davies. 2,179,993; Nov. 14.
Harness, Castered. S. N. Hope and P. A. West. 2,174,661; Oct. 3.
Harness control. E. Messer. 2,165,000; July 4.
Harness for breathing apparatus, Head. J. B. Dym. 2,176,709; Oct. 17.
Harness for cruppers, Supporting and applying. S. B. Swaggerty. 2,150,526; Mar. 14.
Harness for pails, Supporting. R. K. Clark. 2,169,080; Aug. 8.
Harness frame. J. E. Blanchard. 2,170,542; Aug. 22.
Harness, Infant's. M. S. Stricker. 2,184,404; Dec. 26.
Harness, Ski. R. B. Taft. 2,172,669; Sept. 12.
Harp. H. Wallen. 2,169,938; Aug. 15.
Harpoon and like line or rope. C. Christiansen and G. O. K. Rüsch. 2,145,153; Jan. 24.
Harrow. H. C. Bogart. 2,142,264; Jan. 3.
Harrow. J. Dinwiddie. 2,158,746; May 16.
Harrow. J. Juliot. 2,177,570; Oct. 24.
Harrow construction. R. H. Book. 2,144,960–1; Jan. 24.
Harrow construction. R. H. Book and U. G. Currier. 2,175,243; Oct. 10.
Harrow construction. A. E. W. Johnson. 2,164,211; June 27.
Harrow construction, Disk. L. E. Smith. 2,178,052; Oct. 31.
Harrow control device. J. R. Kovar. 2,182,260; Dec. 5.
Harrow, Disk. W. E. Goble. 2,143,192; Jan. 10.
Harrow, Disk. R. H. Mitchell. 2,167,768; Aug. 1.
Harrow, Disk. R. H. Mitchell and O. W. Sjogren. 2,169,471; Aug. 15.
Harrow, Disk. H. B. Rapp and R. E. Ablott. Re. 20,967; Jan. 3.
Harrow, Disk. O. W. Sjogren and R. H. Mitchell. 2,152,928; Apr. 4.
Harrow, Disk. D. F. Taylor. 2,164,963; July 4.
Harrow, Intergeared offset disk. J. V. Dyrr. 2,164,204; June 27.
Harrow, Spring tooth. J. I. Hoke. 2,157,702; May 9.
Harvester. R. L. Anderson. 2,146,521; Feb. 7.
Harvester. R. G. Fleming. 2,143,264; Jan. 10.
Harvester. T. C. Lloyd-Jones and S. E. Kinnear. 2,167,980; Aug. 1.
Harvester and baler, Combined. S. Russell. 2,180,852; Nov. 21.
Harvester and grinder, Combined. W. H. McElwain. 2,157,619; May 9.
Harvester and thresher, Combined. R. F. Crawford. 2,172,363; Sept. 12.
Harvester attachment. E. Ristau. 2,152,920; Apr. 4.
Harvester bag. E. H. Allen. 2,158,999; May 23.
Harvester, Bean. C. A. Warnke. 2,151,289; Mar. 21.
Harvester, Corn. H. J. Kuhlman. 2,180,594–5; Nov. 21.
Harvester frame. T. N. Pierson. 2,147,267; Feb. 14.
Harvester, Peanut. A. E. Henderson. 2,167,044; July 25.
Harvester, Seed. J. F. Haynes. 2,169,527; Aug. 15.
Harvester, Stripping. H. T. Cory. 2,152,730; Apr. 4.
Harvester, Sugarcane. H. Bourg, Sr. 2,179,584; Nov. 14.
Harvester, Sugarcane. E. L. Klock. 2,172,795; Sept. 12.
Harvester-thresher. A. C. Lindgren and C. R. Raney. 2,142,587; Jan. 3.
Harvester-thresher. J. S. Troyer. 2,144,301; Jan. 17.
Harvester thresher, Combination. W. F. MacGregor. 2,155,671; Apr. 25.
Harvester-thresher, Rotary. W. C. Edwards, Jr. 2,173,605; Sept. 19.
Harvesters, Pick-up and stripping device for. J. W. Hemphill. 2,178,204; Oct. 31.
Harvesting machine for beets and the like. W. S. Graham. 2,184,422; Dec. 26.
Hashing machine. O. C. Schmidt. 2,147,582; Feb. 14.
Hasp and hinge fittings for attaché and suit cases and the like, Extensible. C. W. Cheney. 2,181,723; Nov. 28.
Hasp and latch, Combined. W. D. Ferris. 2,183,834; Dec. 19.
Hasp for luggage locks. J. B. Freysinger. 2,157,730; May 9.
Hat. R. Feige. 2,181,180; Nov. 28.
Hat. H. S. Jaccard. 2,172,510; Sept. 12.
Hat. L. O. Wisman. 2,159,681; May 23.
Hat. E. Wittcoff. 2,162,149; June 13.
Hat, Adjustable and washable lady's. J. Carlson. 2,156,251; Apr. 25.
Hat and making hats. J. G. Cavanagh. 2,143,051; Jan 10.
Hat and sweat band therefor. H. H. Bracher. 2,155,965; Apr. 25.
Hat blocking machine. J. Bonjokian. 2,142,554; Jan. 3.
Hat brim curling machine. M. Cassé. 2,161,017; June 6.
Hat brim curling method and apparatus. E. W. Kimber and P. P. McManus. 2,163,379; June 20.
Hat-brim flanging machine. P. Schultze. 2,161,434; June 6.
Hat brim pouncing machine. B. D. Wells. 2,178,154; Oct. 31.
Hat brim stretching mechanism. R. G. Muller. 2,165,717; July 11.
Hat, Collapsible. J. T. Santise. 2,149,468; Mar. 7.
Hat covering. N. Bloom. 2,176,953; Oct. 24.
Hat dusting appliance. W. Ollinger. 2,158,143; May 16.
Hat dyeing device. J. J. G. Ryan. 2,144,274; Jan. 17.
Hat fastener. I. B. and L. I. Malmstead. 2,171,582; Sept. 5.
Hat-finishing machine. G. Hayes. 2,170,756; Aug. 22.
Hat finishing machine, Automatic. I. A. Eichenbaum. 2,148,153; Feb. 21.
Hat forming system. J. Cassie. 2,175,454; Oct. 10.
Hat hanger. F. W. Curtis, Jr. 2,146,109; Feb. 7.
Hat hanger. L. R. Johnson. 2,177,546; Oct. 24.
Hat-making apparatus. A. V. Heath. 2,147,531; Feb. 14.
Hat making machine. G. T. Birdsall. 2,172,343; Sept. 12.
Hat perforating and labeling device, Combination. L. Freeman. 2,152,958; Apr. 4.
Hat retaining device. M. J. Solomons. 2,157,835; May 9.
Hat, Safety. E. W. Bullard. 2,144,870; Jan. 24.
Hat, Safety. H. B. Lewis. 2,177,145; Oct. 24.
Hatch construction. C. D. Bonsall. 2,181,115; Nov. 28.
Hatch cover. J. F. Mackin. 2,184,676; Dec. 26.
Hatch cover fastener. W. M. Dwyer. 2,160,260; May 30.
Hatch cover, Ship's. J. Macgregor. 2,149,684; Mar. 7.
Hatch for railway cars. W. C. Stone. 2,184,656; Dec. 26.
Hatch plug. L. C. Wilkoff and J. E. Day. 2,142,431; Jan. 3.
Hatchway. G. W. Lyons. 2,174,989; Oct. 3.
Hats and products thereof, Manufacturing. H. Frankmann and H. Haakh. 2,156,238; Apr. 25.
Hats, Apparatus for the manufacture of. F. T. Stack. 2,178,111; Oct. 31.
Hay carrier. G. D. Booth. 2,168,393; Aug. 8.
Hay carrier. R. G. Ferris. 2,151,591; Mar. 21.
Hay fever and other air-borne infections, Method and composition for the treatment of. S. Snyder. 2,144,395; Jan. 17.
Haymaker mechanism. G. Innes. 2,157,261; May 9.
Hay unloader. G. N. Tolsted. 2,158,917; May 16.
Haze meter. G. M. Byram. 2,154,374; Apr. 11.
Head assembly for grab buckets. E. L. Harrington. 2,170,999; Aug. 29.
Head-bar organization for Venetian blinds. H. K. Lorentzen. 2,158,826; May 16.
Heat controlling system. K. Rohlin. 2,184,849; Dec. 26.
Head covering. E. Wittcoff. 2,147,872–3; Feb. 21.
Head covering. F. Yamaguchi. 2,149,655; Mar. 7.
Head for cameras, Universal. G. H. Chamberlain, Jr. 2,145,584; Jan. 31.
Head for golf clubs. H. P. G. Newsome. 2,174,212; Sept. 26.
Head for machinists' scales. J. C. Ayala. 2,169,785; Aug. 15.
Headgear. G. C. Ames. 2,181,446; Nov. 28.
Head harness and canister support. I. C. Brown. 2,148,431; Feb. 28.
Head lamp. L. J. Capitani. 2,176,789; Oct. 17.
Headlamp construction. C. A. Michel, R. D. Winkelmeyer, and H. C. Mead. 2,148,635; Feb. 28.
Head lamp, Portable electric. W. F. Koepke. 2,164,529; July 4.
Headlight. R. R. Bostic. 2,174,775; Oct. 3.
Headlight. J. Vallandingham. 2,168,834; Aug. 8.
Headlight, Automobile. E. S. Bybee. 2,146,936; Feb. 14.

Headlight, Automobile. E. Waage and K. E. Lindhagen. 2,159,464; May 23.
Headlight construction. H. C. Jennings. 2,169,531; Aug. 15.
Headlight indicator. A. E. Benson. 2,168,510; Aug. 8.
Headlight mechanism. C. S. Robbins. 2,142,457; Jan. 3.
Headlight, Motor vehicle. A. N. Taylor. 2,142,384; Jan. 3.
Headlight, Suction cleaner. G. H. Scott. 2,166,267; July 18.
Headlight system and means. R. P. Glenn. 2,154,842; Apr. 18.
Headlight tester. R. N. Falge. 2,144,838; Jan. 24.
Headlight tester. R. N. Falge. 2,176,215; Oct. 17.
Headlight tester. R. N. Falge and G. W. Onksen, Jr. 2,176,214; Oct. 17.
Headlight tester. I. A. Weaver. 2,161,886; June 13.
Headlight testing apparatus. G. M. Graham and C. W. MacMillan. 2,167,803; Aug. 1.
Headlighting system, Vehicle. T. W. Frech, E. A. Howard, and K. D. Scott. 2,170,682; Aug. 22.
Headlights, Automatic control of vehicle. R. E. Alley. 2,150,900; Mar. 21.
Headlights of motor vehicles, Apparatus for testing. G. M. Graham. 2,162,010; June 13.
Headrest, Adjustable. R. M. Peterson. 2,180,768; Nov. 21.
Headrest, Barber chair. A. Tonning. 2,154,017; Apr. 11.
Head rest for basins and the like. W. S. Rickard. 2,161,590; June 6.
Head rest for X-ray machines. J. M. Neely. 2,151,224; Mar. 21.
Head rod holder. J. J. Munson. 2,157,717; May 9.
Headstock, Universal. M. G. Small. 2,173,769; Sept. 19.
Head support, Self-leveling. G. P. Utermöhlen. 2,169,117; Aug. 8.
Head treating device. C. E. Smith and C. H. Bruns. 2,171,376; Aug. 29.
Headwear. C. H. Dowd. 2,168,765; Aug. 8.
Header and manifold. L. P. Saunders and W. O. Emmons. 2,179,703; Nov. 14.
Header feed evaporator. F. R. Erbach. 2,158,792; May 16.
Heading and trimming machine. A. J. Alberts. 2,155,920; Apr. 25.
Health balancing board. R. E. Hoppe. 2,176,342; Oct. 17.
Health protection member. M. Pottenger. 2,155,330; Apr. 18.
Hearing-aid device, Bone conduction. E. C. Nicholides. 2,143,130; Jan. 10.
Hearing apparatus for the deaf, Electric. H. Pescador. 2,164,121; June 27.
Hearing device. J. Petersen. 2,168,781; Aug. 8.
Hearing device, Bone conduction. E. H. Greibach. Re. 21,030; Mar. 14.
Hearing tube. L. D. Norton and J. E. Renholdt. 2,142,407; Jan. 3.
Hearses, Equipment for. R. J. Yoder. 2,162,192; June 13.
Hearse table control means. P. O. Krogh. 2,177,411; Oct. 24.
Heat and cold, Apparatus for the production of. H. A. Musham. 2,143,895; Jan. 17.
Heat and sound insulation. W. F. Kiesel, 3d. 2,175,630; Oct. 10.
Heat, Apparatus for transferring. M. E. Fiene. 2,181,726; Nov. 28.
Heat bag. W. H. Foster. 2,157,169; May 9.
Heat conserving device. F. L. Lade. 2,143,354; Jan. 10.
Heat control apparatus. P. H. Flautt. 2,146,501; Feb. 7.
Heat control apparatus. I. C. Jennings. 2,176,001–2; Oct. 10.
Heat control, Automatic. F. A. Gunther. 2,174,558; Oct. 3.
Heat control for permanent-waving machines. D. W Fairchild. 2,144,965; Jan. 24.
Heat control mechanism. E. L. Millard. 2,151,222, Mar. 21.
Heat control system. V. M. Cruikshank. 2,160,381; May 30.
Heat control system. O. J. Kuenhold. 2,161,679; June 6.
Heat control with one pipe steam heating system. W. K. Simpson. 2,175,945; Oct. 10.
Heat controller, Electric. W. B. Elmer. 2,182,048; Dec. 5.
Heat controlling device. A. A. Strand. 2,147,321; Feb. 14.
Heat deflector. J. V. Kormendi. 2,177,573; Oct. 24.
Heat distribution with air conditioning, Baseboard. C. B. Simoneau. 2,181,747; Nov. 28.
Heat economizer, Furnace. B. G. Cross. 2,181,597; Nov. 28.
Heat energy into mechanical energy, Method and apparatus for converting. E. T. Turner. 2,151,949; Mar. 28.
Heat engine. W. J. O'Leary. 2,176,272; Oct. 17.
Heat exchange. E. J. Houdry. 2,173,844; Sept. 26.
Heat exchange apparatus. J. S. Barnes. 2,146,245; Feb. 7.
Heat exchange apparatus. F. O. Campbell and G. W. Nigh. 2,183,956; Dec. 19.
Heat exchange apparatus. R. Dietze. 2,151,087; Mar. 21.
Heat exchange apparatus. K. P. Groat. 2,181,230; Nov. 28.
Heat exchange apparatus. J. C. Hersey. 2,145,084; Jan. 24.
Heat exchange apparatus. W. C. Keeran. 2,181,602; Nov. 28.
Heat exchange apparatus. A. J. Larrecq. 2,168,166; Aug. 1.
Heat exchange apparatus. C. H. Leach. 2,184,308; Dec. 26.
Heat exchange apparatus. H. C. Richardson and H. Kampf. 2,171,047; Aug. 29.
Heat exchange apparatus. J. T. Voorheis. 2,159,463; May 23.
Heat exchange apparatus and method. O. C. Schauble 2,142,956; Jan. 3.
Heat exchange apparatus, Fluid. E. G. Bailey. 2,165,208; July 11.
Heat exchange apparatus, Fluid. R. M. Hardgrove. 2,165,258; July 11.
Heat exchange apparatus, Fluid. L. Kooistra. 2,167,659; Aug. 1.
Heat exchange apparatus, Fluid. T. B. Stillman. 2,172,227; Sept. 5.
Heat exchange apparatus for rectifying columns. P. Peff. 2,160,898; June 6.
Heat exchange device. H. Feldmeier. Re. 21,270; Nov. 21.
Heat exchange device. F. J. Fette. 2,165,094; July 4.
Heat exchange device, Forming a. J. Karmazin. 2,153,806; Apr. 11.
Heat exchange element, Making a. A. J. Berg and J. O. Huse. 2,162,693; June 20.
Heat exchange, Equalizing the flow in. H. P. Bowser. 2,178,095; Oct. 31.
Heat exchange equipment. J. M. Jenkins. 2,181,486; No. 28.
Heat exchange equipment. D. R. McNeal. 2,152,266; Mar. 28.
Heat exchange structure. C. E. Meyerhoefer. 2,174,038; Sept. 26.
Heat exchange system. H. G. Mojonnier. 2,147,912; Feb. 21.
Heat exchange system. W. W. Timmis and W. K. Walker. 2,156,322; May 2.
Heat exchange unit. H. Hemming. 2,184,837; Dec. 26.
Heat exchange unit. C. A. Leidig. 2,150,803; Mar. 14.
Heat exchange unit. C. A. Leidig. 2,155,666; Apr. 25.
Heat exchange unit. R. M. Stikeleather. 2,144,466; Jan. 17.
Heat-exchange unit and production, Helical. R. W. Shoemaker. 2,152,331; Mar. 28.
Heat exchanger. L. E. Anderson and R. Kuhlmann. 2,142,626; Jan. 3.
Heat exchanger. P. R. Cassidy. 2,149,007; Feb. 28.
Heat exchanger. C. D. Coulter and E. R. Cox. 2,183,160; Dec. 12.
Heat exchanger. J. A. Coy. 2,161,019; June 6.
Heat exchanger. B. S. Foss. 2,167,333; July 25.
Heat exchanger. D. A. Harris. 2,146,141; Feb. 7.
Heat exchanger. B. W. Jewell. 2,149,737; Mar. 7.
Heat exchanger. L. Kooistra. 2,170,145; Aug. 22.
Heat exchanger. M. H. Kotzebue. 2,143,157; Jan. 10.
Heat exchanger. C. E. Lucke. Re. 21,257; Nov. 7.
Heat exchanger. R. S. Nelson. 2,185,001; Dec. 26.
Heat exchanger. J. H. Rohrer. 2,146,352; Feb. 7.
Heat exchanger. W. Seifert. 2,142,679; Jan. 3.
Heat exchanger. B. C. Shipman. 2,184,759; Dec. 26.
Heat exchanger. F. Welty. 2,157,744; May 9.
Heat exchanger. J. C. White. 2,158,809; May 16.
Heat exchanger. F. M. Young. 2,184,657; Dec. 26.
Heat exchanger and making same. A. J. Townsend. 2,181,927; Dec. 5.
Heat exchanger and making same. A. Varga. 2,151,540; Mar. 21.
Heat exchanger, Split section. V. Voorhees. 2,160,928; June 6.
Heat exchanger tube support. G. W. McCullough. 2,176,406; Oct. 17.
Heat exchangers, Making. H. S. Holmes. 2,149,696; Mar. 7.
Heat exchangers, Making. L. P. Saunders. 2,158,383; May 16.
Heat exchanging apparatus. E. T. Linderoth. 2,178,481; Oct. 31.
Heat exchanging apparatus. J. J. Spalding, Jr. 2,153,942; Apr. 11.
Heat exchanging element and making the same. A. J. Berg and J. O. Huse. 2,154,430; Apr. 18.
Heat exchanging element, Making a. A. J. Berg and J. O. Huse. 2,155,395; Apr. 25.
Heat exchanging element, Making a. A. J. Berg and J. O. Huse. 2,162,694; June 20.
Heat exchanging elements, Method of and apparatus for making. A. J. Berg and J. O. Huse. 2,155,394; Apr. 25.
Heat-exchanging structure and its constructional elements. P. Schwarze. 2,166,375; July 18.
Heat exchanging system. J. B. Gaudin. 2,143,873; Jan. 17.
Heat generating package and waving hair therewith. A. R. Goldfarb and E. B. Michaels. 2,173,683; Sept. 19
Heat insulating coupling. R. H. Goddard. 2,158,182; May 16.

Heat insulating material and forming the same. T. B. Slisz and C. C. Schuetz. 2,173,815; Sept. 19.
Heat insulating panel. R. J. Scott. 2,181,074; Nov. 21.
Heat insulating receptacle. C. G. Munters. 2,162,271; June 13.
Heat insulation. C. C. Schuetz. 2,179,057; Nov. 7.
Heat interchanger. E. Prat. 2,170,484; Aug. 22.
Heat, Method and apparatus for detecting. V. K. Zworykin and L. Malter. 2,159,755; May 23.
Heat, Method and apparatus for transferring. R. H. Carr. 2,155,383; Apr. 25.
Heat, Method of and apparatus for converting. V. Bush and E. L. Rose. 2,175,376; Oct. 10.
Heat motor. G. R. Folds. 2,147,695; Feb. 21.
Heat motor. G. R. Folds. 2,176,254; Oct. 17.
Heat-resistant alloy. J. D. Gat. 2,172,023; Sept. 2.
Heat-responsive switch. V. Weber. 2,180,025; Nov. 14.
Heat saver. W. Baro. 2,180,190; Nov. 14.
Heat saving device. F. C. Hubbard. 2,143,269; Jan. 10.
Heat transfer agent. J. Martin. 2,146,343; Feb. 7.
Heat transfer apparatus. E. A. Gurlik. 2,182,338; Dec. 5.
Heat transfer apparatus. J. M. Jenkins. 2,173,169; Sept. 19.
Heat transfer apparatus. D. R. McNeal. 2,181,704; Nov. 28.
Heat transfer device. B. F. Berkheimer. 2,171,642; Sept. 5.
Heat transfer device for corrugator rolls. H. B. Greenwood. 2,170,405; Aug. 22.
Heat transfer medium. W. Rittler and W. Gündel. 2,149,789; Mar. 7.
Heat transfer process and apparatus. W. H. Sellew. 2,182,453; Dec. 5.
Heat transfer system. M. E. Fiene. 2,155,261; Apr. 18.
Heat transfer system. C. E. Meyerhoefer. 2,148,571; Feb. 28.
Heat transfer system, Vapor. M. E. Fiene. 2,156,053; Apr. 25.
Heat transfer unit. F. M. Young. 2,174,677; Oct. 3.
Heat transfer units, Making. H. F. Maynes. 2,156,538; May 2.
Heat transferring means. J. W. MacClatchie. 2,148,702; Feb. 28.
Heat transmitting surface. H. F. Trent. 2,152,934; Apr. 4.
Heat treating and apparatus therefor. C. B. Sadtler. 2,152,284; Mar. 28.
Heat treating and forming clutch disks or the like, Apparatus for. R. C. Zeidler. 2,183,300; Dec. 12.
Heat treating apparatus. K. H. Keller. 2,159,800; May 23.
Heat treating, Apparatus for. F. S. Denneen, W. C. Dunn, and C. N. Mitchell. 2,180,038; Nov. 14.
Heat treating control. J. E. MacConville, N. I. Cockley, and J. L. Whitten. 2,184,975; Dec. 26.
Heat treating equipment. J. Fletcher and E. E. Schoessow. 2,152,138; Mar. 28.
Heat treating furnace. E. G. de Coriolis. 2,149,883; Mar. 7.
Heat treating furnace. E. S. Fatkin. 2,175,834; Oct. 10.
Heat treating furnace. H. H. Harris. 2,147,650; Feb. 21.
Heat treating furnace. H. J. Stein. 2,149,245; Feb. 28.
Heat treating furnace, Continuous. G. O. Ackerman and P. Stewart. 2,167,821; Aug. 1.
Heat treating gears and the like, Apparatus for. F. S. Denneen and W. C. Dunn. 2,167,798; Aug. 1.
Heat treating system. J. W. Harsch. 2,168,028; Aug. 1.
Heat treatment. A. E. Bellis. 2,174,867; Oct. 3.
Heat treatment. J. G. Brush. 2,170,745; Aug. 22.
Heat treatment apparatus. T. Zuschlag. 2,154,928; Apr. 18.
Heat treatment, Controlled atmosphere. A. H. Vaughan. 2,180,376; Nov. 21.
Heat treatment for glass. H. W. Hess. 2,180,737; Nov. 21.
Heat treatment method and apparatus. P. R. Hoopes. 2,148,859; Feb. 28.
Heat treatment of castings and the like. A. S. Nichols. 2,166,919; July 18.
Heat treatment of hydrocarbon gases to dehydrogenate the same. F. Martin, H. Tramm, and R. Jung. 2,160,170; May 30.
Heat treatment of magnetizable bodies. A. A. Archibald. 2,143,672; Jan. 10.
Heat treatment of metals. H. J. Ness. 2,181,093; Nov. 21.
Heat treatment, System for. C. Z. Rosecrans. 2,176,473; Oct. 17.
Heat, Utilization of waste. H. A. Brassert. 2,171,353; Aug. 29.
Heated receptacle. G. H. Binder. 2,142,599; Jan. 3.
Heated steering wheel. L. B. Preble. 2,163,450; June 20.

Heater: *See*—
- Air heater.
- Automobile body heater.
- Automobile heater.
- Bolt heater.
- Circulating heater.
- Coreless induction heater.
- Electric heater.
- Electric immersion heater.
- Electric water heater.
- Exhaust heater.
- Fireplace heater.
- Flue gas water heater.
- Fluid heater.
- Gas heater.
- Gas safety heater.
- Hair waving heater.
- Hot air heater.
- Hot water heater.
- Immersion heater.
- Induction heater.
- Liquid heater.
- Liquid immersion heater.
- Oil-burning air heater.
- Oil burning heater.
- Oil heater.
- Orchard heater.
- Piston and wrist-pin heater.
- Portable heater.
- Power heater.
- Radiation heater.
- Roll heater.
- Room heater.
- Smokestack air heater.
- Solar heater.
- Unit tank heater.
- Vehicle heater.
- Vibrator heater.
- Wall gas heater.
- Water heater.
- Windshield heater.

Heater. H. A. Bertossa. 2,164,377; July 4.
Heater. W. Bock. 2,145,209; Jan. 24.
Heater. E. C. Booth, E. Ludlow, and R. C. Root. 2,164,854; July 4.
Heater. W. G. Carruth. 2,176,061; Oct. 17.
Heater. A. E. Fadel. 2,178,785; Nov. 7.
Heater. F. A. Furlong. 2,160,264; May 30.
Heater. E. E. Hans. 2,146,953; Feb. 14.
Heater. H. H. Leininger. 2,173,367; Sept. 19.
Heater. C. E. Meyerhoefer. 2,174,992; Oct. 3.
Heater. C. E. Meyerhoefer. 2,175,812; Oct. 10.
Heater. J. R. Morgan. 2,178,894; Nov. 7.
Heater. F. C. Williams. 2,174,251; Sept. 26.
Heater and burner therefor. H. T. Bellamy. 2,168,758; Aug. 8.
Heater and defroster, Car. B. E. Strauss and H. Faultersack. 2,150,110; Mar. 7.
Heater and defroster, Combination. C. H. Will and H. W. Fink. 2,175,863; Oct. 10.
Heater and defroster, Combined. C. L. Cope. 2,165,615; July 11.
Heater and making same, Water. H. A. Thrush. 2,180,620; Nov. 21.
Heater and scrubber, Feed water. E. C. R. Weisgerber. 2,164,974; July 4.
Heater and vaporizer, Liquid. J. H. Knapp. 2,151,854; Mar. 28.
Heater and venting means therefor, Circulating space. A. W. Lundstrum. 2,160,883; June 6.
Heater apparatus. L. C. Soule. 2,180,854; Nov. 21.
Heater attachment for ranges. H. Honer. 2,159,156; May 23.
Heater construction, Induction. L. R. Jackson and H. W. Russell. 2,181,274; Nov. 28.
Heater control, Electrically operated. C. Hotchkiss. 2,169,696; Aug. 15.
Heater control system, Water. K. K. Ostrander. 2,180,432; Nov. 21.
Heater for beauty parlor tools. E. Jefferson. 2,150,063; Mar. 7.
Heater for curlers, Gas. S. Blenden. 2,145,750; Jan. 31.
Heater for engines, Crankcase oil. A. P. Bergeron, E. J. Page, and A. C. Rushia. 2,180,663; Nov. 21.
Heater for furnaces and operating the same. A. H. Vaughan. 2,146,410; Feb. 7.
Heater for gas engines, Vaporized fuel. L. C. Maher. 2,169,564; Aug. 15.
Heater for generating boiling water. G. Hegwein. 2,162,950; June 20.
Heater for high voltage rectifiers, Anode. H. A. Rose. 2,182,643; Dec. 5.
Heater for permanent wave apparatus. P. C. Rilling. 2,155,616; Apr. 25.
Heater for soldering irons, Electrical. L. N. Niccolls. 2,178,862; Nov. 7.
Heater installation for motor vehicles. W. J. Reichle. 2,143,212; Jan. 10.
Heater mixing device, Electric. J. Petrich. 2,175,912; Oct. 10.
Heater or boiler, Water. M. I. Larsen. 2,162,620; June 13.
Heater or geyser, Tubular water. J. E. Neale and A. Guest. 2,180,907; Nov. 21.
Heater structure, Automobile. E. L. Potter. 2,144,506; Jan. 17.
Heater unit, Fan. H. W. Fink. 2,174,654; Oct. 3.
Heater, Water. P. Swan. Re. 21,061; Apr. 25.
Heater, Windshield. M. Zaiger. Re. 21,213; Sept. 19.
Heater with combustion shaft arranged outside the heater casing, Regenerative gas. W. Linder. 2,163,149; June 20.
Heaters, Auxiliary circulating device for automobile. L. F. Page. 2,170,032; Aug. 22.
Heating. M. H. Mawhinney. 2,177,733; Oct. 31.
Heating and air conditioning apparatus. R. E. Daly and B. Goerg. 2,184,095; Dec. 19.
Heating and air conditioning system. J. T. Norman. 2,164,718; July 4.
Heating and control means. E. J. Lattner. 2,163,910; June 27.
Heating and cooling system. D. F. Comstock. 2,162,245; June 13.
Heating and flow control of molten glass, Electric. L. D. Soubier. 2,179,224; Nov. 7.
Heating and hot water supply system, Domestic. W. R. Miller. 2,159,284; May 23.
Heating and humidifying system. S. M. Anderson and R. T. Palmer. 2,154,801; Apr. 18.
Heating and humidifying system. S. M. Anderson and R. T. Palmer. 2,179,873; Nov. 14.
Heating and insulating means for tank cars. P. H. Stambaugh. 2,145,614; Jan. 31.

Heating and spraying apparatus. J. A. Erickson. 2,167,940; Aug. 1.
Heating and ventilating device. W. A. D. Smith and N. H. Webb. 2,149,689; Mar. 7.
Heating and ventilating system. E. L. Mayo. 2,183,996; Dec. 19.
Heating apparatus. P. C. L. Demarçay. 2,175,832; Oct. 10.
Heating apparatus. A. K. Foulds. 2,144,108; Jan. 17.
Heating apparatus. B. Goerg. 2,160,801–3; May 30.
Heating apparatus. B. Goerg. 2,176,586; Oct. 17.
Heating apparatus. W. M. Hepburn and T. W. Munford. 2,148,466; Feb. 28.
Heating apparatus. W. W. Kemp. 2,148,204; Feb. 21.
Heating apparatus. H. L. M. Praud. 2,172,108; Sept. 5.
Heating apparatus. O. G. Watt. 2,175,329–30; Oct. 10.
Heating apparatus. E. L. Wiegand. 2,158,605; May 16.
Heating apparatus. J. C. Woodson. 2,174,052; Sept. 26.
Heating apparatus and making the same, Electrical. E. L. Wiegand. 2,158,601; May 16.
Heating apparatus and supply therefor. E. R. Capita. 2,184,283; Dec. 26.
Heating apparatus, Auxiliary. L. J. Higgins and H. L. Rosen. 2,166,355; July 18.
Heating apparatus, Electric. E. N. Calhoun. 2,152,953; Apr. 4.
Heating apparatus, Electric. E. N. Calhoun. 2,158,603–4; May 16.
Heating apparatus, Electrical. E. N. Calhoun. 2,158,602; May 16.
Heating apparatus, Mobile orchard. R. H. Taber. 2,153,900; Apr. 11.
Heating apparatus of the storage type, Electrical. A. Mouton and A. Huet. 2,178,049; Oct. 31.
Heating apparatus, Vehicle. R. H. Mautsch. 2,155,278; Apr. 18.
Heating appliance, Thermostatically controlled electric. J. J. Gough. 2,154,042–3; Apr. 11.
Heating circuit, Cathode inductive. W. F. Eames. 2,147,429; Feb. 14.
Heating device. J. R. Campbell. 2,184,270; Dec. 26.
Heating device. H. S. Covell. 2,147,283; Feb. 14.
Heating device. T. E. Dadson. 2,174,079; Sept. 26
Heating device. T. F. Peterson. 2,156,352; May. 2.
Heating device. C. J. Sucharski and A. W. Lees. 2,158,258; May 16.
Heating device. H. E. Young. 2,152,126; Mar. 28.
Heating device, Electric. R. H. Beach. 2,181,042; Nov. 21.
Heating device, Electric. S. A. Platt. 2,160,227; May 30.
Heating device for aircraft. E. C. Hanson. 2,142,785; Jan. 3.
Heating device for glass lehrs and the like. L. P. Piazzoli, Jr.. 2,162,030; June 13.
Heating device for motorcars. F. Nallinger. 2,151,865; Mar. 28.
Heating device for vulcanizing tubes of motor car or motorcycle tires, Electric. N. Német. 2,142,281; Jan. 3.
Heating device for windshields of motor vehicles. R. Nier. 2,173,263; Sept. 19.
Heating device, Induction. D. Pisarev. 2,182,819; Dec. 12.
Heating device, Recirculating. W. M. Willett and G. T. Markey. 2,156,101; Apr. 25.
Heating, drying, and sterilizing cabinet. W. L. Gill. 2,179,256; Nov. 7.
Heating element. F. Raffles. Re. 21,070; May 2.
Heating element, Electric. C. B. Backer. 2,157,884; May 9.
Heating element, Electric. J. A. Castricone. 2,177,476; Oct. 24.
Heating element, Electric. W. D. Harris. 2,181,484; Nov. 28.
Heating element, Electric resistance. E. L. Wiegand. 2,170,174; Aug. 22.
Heating element for furnaces or the like, Tubular. C. H. Stevenson. 2,155,691; Apr. 25.
Heating element, Low power. E. Challet. 2,184,485; Dec. 26.
Heating furnace, Forced air. B. F. Stephens. 2,162,411; June 13.
Heating means. E. N. Calhoun. 2,145,684; Jan. 31.
Heating means. A. P. Wiegand. 2,170,175; Aug. 22.
Heating means. E. L. Wiegand. 2,170,176; Aug. 22.
Heating means. E. L. Wiegand. 2,178,823; Nov. 7.
Heating means. E. L. Wiegand and E. N. Calhoun. 2,145,564; Jan. 31.
Heating means for plate cylinders of rotary presses. D. L. Boyd. 2,181,690; Nov. 28.
Heating mechanism, Electric. D. Roberts. 2,154,184; Apr. 11.
Heating mechanism, Electrical. J. G. Sola. 2,158,733; May 16.
Heating medium, Generating mixed fluid. C. A. and A. R. Dunham, D. N. Crosthwaite, Jr., and P. D. Miller. 2,169,683; Aug. 15.
Heating method and apparatus. R. L. Campbell. 2,176,852; Oct. 17.
Heating, Method and apparatus for. H. H. Metcalf. 2,167,122; July 25.
Heating, Method and apparatus for domestic house. F. W. Riehl. 2,178,268; Oct. 31.
Heating or cooling system. J. Kuester and F. A. Beck. 2,152,699; Apr. 4.
Heating pad. Electric. W. W. Smith. 2,162,287; June 13.
Heating plant. W. G. Noack and C. Seippel. 2,163,762; June 27.
Heating plants, Control system for. A. W. Nordgren. 2,168,680; Aug. 8.
Heating plate device. R. S. Goldthwaite. 2,164,650; July 4.
Heating plate, Electric. E. Challet. 2,161,781; June 13.
Heating plate, Electric. E. Challet. 2,163,457; June 20.
Heating system. R. H. Anderegg and R. G. Miner. 2,155,371; Apr. 18.
Heating system. R. L. Campbell. 2,155,890; Apr. 25.
Heating system. F. H. Cornelius and W. N. Green. 2,169,601; Aug. 15.
Heating system. F. A. Furlong. 2,164,511–12; July 4.
Heating system. M. C. Gillett, E. N. Sanbern, and A. O. Roche, Jr. 2,181,480; Nov. 28.
Heating system. C. P. Knipper. 2,146,148; Feb. 7.
Heating system. J. P. Kriechbaum. 2,147,604; Feb. 14.
Heating system. J. P. Kriechbaum. 2,162,337; June 13.
Heating system. J. T. Midyette, Jr. 2,160,600; May 30.
Heating system. R. E. Moore. 2,176,539; Oct. 17.
Heating system. C. J. Rice and V. A. Berghoefer. 2,170,507; Aug. 22.
Heating system. L. Smith. 2,174,333; Sept. 26.
Heating system. R. H. Smith. 2,166,509; July 18.
Heating system. J. M. Williams. 2,144,093; Jan. 17.
Heating system and switch therefor. E. H. Lockwood. 2,177,281; Oct. 24.
Heating system appliance. C. W. Francis. 2,175,386; Oct. 10.
Heating system, Combined building and domestic water. D. J. Stewart. 2,167,695; Aug. 1.
Heating system control. E. C. Avery and F. H. Gleason. 2,147,231; Feb. 14.
Heating system for corn popping machines. G. A. Delf. 2,179,468; Nov. 7.
Heating system for railway cars, Thermostatically controlled. W. J. Madden. 2,181,436; Nov. 28.
Heating system, Hot air gas heater pipe and dome. W. Dolibois. 2,153,915; Apr. 11.
Heating system, Indirect. C. E. Armstrong. 2,174,546; Oct. 3.
Heating system, Modulated. P. B. Parks and W. M. Smith. 2,144,121; Jan. 17.
Heating system, One pipe steam. H. F. McKeown. 2,167,336; July 25.
Heating system operating by heat radiation, Electric. B. Jaspers. 2,165,970; July 11.
Heating system, Orchard. W. S. Hilborn. 2,164,011; June 27.
Heating system regulator. A. Hering. 2,177,388; Oct. 24.
Heating system, Steam. A. F. Underwood. 2,153,108; Apr. 4.
Heating system, Vehicle. J. Rumpf. 2,181,742; Nov. 28.
Heating system, Zone. H. R. Crago. 2,157,817; May 9
Heating system, Zone. S. Martin, Jr. 2,153,382; Apr. 4.
Heating systems, Controller for. P. F. Shivers. 2,170,310; Aug. 22.
Heating unit. H. D. Dufault. 2,163,552; June 20.
Heating unit. P. Leoni. 2,147,046; Feb. 14.
Heating unit. H. E. Mills. 2,180,600; Nov. 21.
Heating unit. J. R. Morrison. 2,171,275; Aug. 29.
Heating unit. J. Novak. 2,151,140; Mar. 21.
Heating unit and making the same. E. L. Wiegand. 2,158,600; May 16.
Heating unit control system, Electric surface. G. R. Blakesley. 2,174,028; Sept. 26.
Heating unit, Electric. R. I. Jones. 2,179,934; Nov. 14.
Heating unit for fireplaces. G. Hannula. 2,143,772; Jan. 10.
Heating units and connecting parts therefor, Construction of electric. L. I. Mirel. 2,152,525; Mar. 28.
Heating units, Making electric. R. Brey. 2,175,824; Oct. 10.
Heating, welding, desurfacing, or cutting process and apparatus. J. H. Bucknam. 2,177,276; Oct. 24.
Heavy fuel engine. H. V. Honn. 2,158,124; May 16.
Heavy nailer joist. G. G. Greulich. 2,167,836; Aug. 1.
Hectograph blanket having a duplicating surface covered with a non-adhesive film. J. Bjorksten and W. Hoskins, Jr. 2,181,864; Dec. 5.
Hectograph roll or blanket. W. Hoskins, Jr. 2,172,873; Sept. 12.
Heddle backer for warp-drawing machines. B. A. Peterson. 2,175,910; Oct. 10.
Heddle bar frame. M. M. Payne and H. L. Sifford. 2,154,351; Apr. 11.
Heddle construction. H. O. Coddington. 2,182,914; Dec. 12.
Heddle frame. W. H. Kelly. 2,144,158; Jan. 17.
Heel. L. J. Bazzoni. 2,161,846; June 13.
Heel. J. T. Lancaster. 2,151,978; Mar. 28.
Heel. P. E. Treat. 2,142,539; Jan. 3.
Heel and quarter portions of boots and shoes, Preparing and premolding. B. F., L. L., Jr., and A. F. Hartwell. 2,159,762; May 23.
Heel and sole for footwear, Detachable. B. T. Hewson 2,157,235; May 9.
Heel-attaching machine. J. Gouldbourn and T. A. Kestell. 2,173,964; Sept. 26.

Heel attaching machine. J. T. Lancaster. 2,151,038; Mar. 21.
Heel-attaching machine. J. W. Pratt and T. A. Kestell. 2,162,824; June 20.
Heel-breast covering flaps to shoes, Securing. T. B. Clarke and L. E. Short. 2,169,317; Aug. 15.
Heel building machine. W. Hubbard. 2,176,180; Oct. 17.
Heel-cap press. C. L. Sien. 2,150,523; Mar. 14.
Heel-coating machine. W. L. MacKenzie. 2,171,731; Sept. 5.
Heel, Combination repair. S. Nenni. 2,145,778; Jan. 31.
Heel counter molding machine, Shoe. W. H. Chamberlain. 2,153,235; Apr. 4.
Heel, Cushion. C. Z. Litschert. 2,156,342; May 2.
Heel, Detachable. B. T. Hewson. 2,183,218; Dec. 12.
Heel, Detachable. P. G. Lehwald. 2,149,893; Mar. 7.
Heel, Detachable. S. H. Lindblom. 2,173,558; Sept. 19.
Heel, Detachable and replaceable. V. A. Lippert. 2,165,281; July 11.
Heel, Detachable shoe. A. J. Sansonetti. 2,152,099; Mar. 28.
Heel for shoes. J. Burger. 2,161,452; June 6.
Heel for shoes. R. Kukula. 2,147,904; Feb. 21.
Heel grading machine. W. J. Young. 2,171,720; Sept. 5.
Heel member, Detachable repair shoe. H. A. Ohstrom. 2,171,045; Aug. 29.
Heel parts of shoe uppers, Shaping. C. A. Thurston. Re. 21,267; Nov. 14.
Heel parts of shoe uppers, Shaping. C. A. Thurston. 2,154,410; Jan. 31.
Heelplate. J. W. Smart. 2,174,199; Sept. 26.
Heel, Pneumatic. B. Rubel. 2,145,994; Feb. 7.
Heel portions onto stockings, Separately working. H. Dietrich. 2,168,398; Aug. 8.
Heel-pressure mechanism. J. F. Standish. 2,180,438; Nov. 21.
Heel protector for shoes. T. Waugh. 2,147,224; Feb. 14.
Heel, Rubber. A. Hannabach. 2,142,244; Jan. 3.
Heel, Rubber. A. L. Murray. 2,151,613; Mar. 21.
Heel, Safety. J. Neumann. 2,157,184; May 9.
Heel seat. C. A. Scogland and P. H. Sanders. 2,145,612; Jan. 31.
Heel-seat fitting machine. G. Hazelton. 2,147,742; Feb. 21.
Heel-seat fitting machine. G. Hazelton. 2,150,277; Mar. 14.
Heel-seat fitting machine. W. D. Thomas. 2,170,842; Aug. 29.
Heel, Shoe. J. Burger. 2,151,314; Mar. 21.
Heel, Shoe. J. Palley. 2,159,943; May 23.
Heel with exchangeable tip. H. Esser. 2,181,110; Nov. 21.
Heels and quarter constructions, Making molded. B. F., L. L., Jr., and A. F. Hartwell. 2,170,559; Aug. 22.
Heels, Insert for rubber. L. A. Laursen. 2,174,752; Oct. 3.
Heels or soles to shoes, Fastening attachable. H. E. M. Vestergren. 2,151,341; Mar. 21.
Heels to shoes, Attaching. H. B. Wood. 2,163,252; June 20.
Heels, Turning wood. A. M. Sosa. 2,151,875; Mar. 28.
Height and decentration device, Bifocal. V. Campos, III. 2,166,037; July 11.
Helices, Process of and apparatus for manufacturing. A. Braun. 2,164,679; July 4.
Helices without the aid of a core or mandrel, Method and apparatus for making. J. Karitzky. 2,182,342; Dec. 5.
Helicopter. L. W. Brown. 2,178,014; Oct. 31.
Helicopter. G. de Bothezat. 2,156,334; May 2.
Helicopter device. G. de Bothezat. 2,180,922; Nov. 21.
Helium from gaseous mixtures, Process and apparatus for the extraction of. B. D. Miller. 2,151,299; Mar. 21.
Helmet and safety hat, Combination welding. F. M. Bowers. 2,167,969; Aug. 1.
Helmet, Athletic. J. A. Mulvey. 2,150,290; Mar. 14.
Helmet, Knitted. W. E. Schuessler. 2,178,941; Nov. 7.
Helmet, Safety. H. R. Heilstedt and S. D. Jackson. 2,184,043; Dec. 19.
Helmet, Welding. C. H. Dockson. 2,145,974; Feb. 7.
Hematological case. J. A. Wilson and N. S. Hobson. 2,183,663; Dec. 19.
Hemorrhage arrester. R. E. Cornish. 2,163,588; June 27.
Hemorrhage-checking compression plate, Zonal. W. W. Robinson. 2,152,922; Apr. 4.
Hemostat, Electrical. S. T. Trice. 2,144,090; Jan. 17.
Herbicide. H. R. Offord. 2,173,236; Sept. 19.
Hernia appliance. F. O. Hanson. 2,170,558; Aug. 22.
Hernia pad. F. E. Moore. 2,172,621; Sept. 12.
Heterocyclic azo derivatives. A. Binz and O. von Schickh. 2,145,579; Jan. 31.
Heterocyclic compounds. C. E. Dent. 2,166,240; July 18.
Hexahydro-para-phenylene diamine, Preparation of. C. Sly. 2,175,003; Oct. 3.
Hexamethylene tetramine salts of aromatic acids. M. D. Edelman and E. T. Tisza. 2,179,618; Nov. 14.
Hexanepentols and their preparation. L. W. Covert. 2,164,268; June 27.
Hexene from divinylacetylene, Preparation of. W. S. Calcott, A. S. Carter, and F. B. Downing. 2,156,936; May 2.
Hexylresorcinol capsule. P. S. Pittenger and J. W. Jester. 2,155,444; Apr. 25.
Hexylresorcinol capsules, Manufacture of. P. S. Pittenger and J. W. Jester. 2,155,445; Apr. 25.
Hickey. L. C. Doane. 2,147,284; Feb. 14.
Hide or skin dressing tool. O. D. Knuteson. 2,178,019; Oct. 31.
Hides and skins, Depilating. W. Grassmann and H. Schelz. 2,155,087; Apr. 18.
Hides and skins, Drying. H. W. Hyde and D. Edgar. 2,168,478; Aug. 8.
Hides and skins, Unhairing of. A. O. Jaeger and R. Herrlinger. 2,169,147–8; Aug. 8.
Hides, Preparing. O. Röhm. 2,179,899; Nov. 14.
Hides, skins, and leather, Treatment of. W. Kritchevsky. 2,158,627; May 16.
Hides, Treating. E. Hansen. 2,150,919; Mar. 21.
Hides with the aid of mold tryptases, Producing. O. Röhm. 2,157,969; May 9.
High frequencies in measuring change in electrical impedance, Use of. L. W. Blau, R. R. Thompson, and W. D. Mounce. 2,148,679; Feb. 28.
High frequency apparatus. H. G. Fischer. 2,155,786; Apr. 25.
High frequency apparatus. G. A. Hobart, 3d. 2,156,016–17; Apr. 25.
High frequency cable. E. Kirch. 2,172,978; Sept. 12.
High-frequency cable. J. Türk. 2,167,538; July 25.
High frequency condenser. L. Malter. 2,171,219; Aug. 29.
High frequency generator. E. Habann and F. Garth. 2,151,912; Mar. 28.
High frequency inductance. A. Crossley and C. C. Neighbors. Re. 21,074; May 9.
High frequency lines, Protection of. A. Gothe, W. Buschbeck, and W. Kautter. 2,165,848; July 11.
High frequency receiver. G. W. Fyler. 2,173,714; Sept. 19.
High frequency receiving apparatus. E. Y. Robinson. 2,182,677; Dec. 5.
High frequency system. A. Gothe. 2,160,857; June 6.
High-frequency transmitter. H. Hornung. 2,167,511; July 25.
High frequency transmitter, Ultra. O. E. Dow and N. E. Lindenblad. 2,174,154; Sept. 26.
High-pressure apparatus and making the same. E. Chapman. 2,174,550; Oct. 3.
High pressure arc lamp. Z. Bay. 2,156,369; May 2.
High pressure valve. W. Siegert. 2,172,855; Sept. 12.
High speed loom. C. L. Kennedy. 2,172,615; Sept. 12.
High tension cable. D. A. C. Zoethout. 2,142,625; Jan. 3.
High vacuum pump. K. C. D. Hickman. 2,153,189; Apr. 4.
High voltage generator. S. Fagerberg. 2,148,064; Feb. 21.
High-voltage generator. N. E. Lindenblad. 2,171,242; Aug. 29.
High voltage generator. N. E. Lindenblad. 2,181,946; Dec. 5.
High voltage X-ray tube. M. J. Gross and Z. J. Atlee. 2,167,275; July 25.
Highway and railway transportation. F. Grundler. 2,172,244; Sept. 5.
Highway construction. L. V. Mutschler. 2,174,040; Sept. 26.
Highway guard. J. B. Bradshaw. 2,168,930; Aug. 8.
Highway shoulder shaper. S. L. Rose and R. F. Harlan. 2,148,219; Feb. 21.
Highway signal. R. A. Loux. 2,168,484; Aug. 8.
Highway signal. A. H. Stewart and P. Kucera. 2,181,613; Nov. 28.
Highway signal, Emergency. G. E. Archer. 2,160,426; May 30.
Highway stripe. J. D. French. 2,184,492; Dec. 26.
Hinge. L. Anderson. 2,183,210; Dec. 12.
Hinge. M. L. Anderson. 2,154,716; Apr. 18.
Hinge. M. L. Anderson. 2,163,576; June 27.
Hinge. S. B. Atwood. 2,171,021; Aug. 29.
Hinge. F. G. Bates. 2,179,113; Nov. 7.
Hinge. E. W. Baumann. 2,164,047; June 27.
Hinge. T. V. Boyle. 2,151,732; Mar. 28.
Hinge. M. B. Harris. 2,179,931; Nov. 14.
Hinge. T. E. Horst. Re. 21,081; May 16.
Hinge. W. B. Hunt. 2,145,307; Jan. 31.
Hinge. A. F. Lickteig. 2,143,275; Jan. 10.
Hinge. A. F. Lickteig. 2,174,986; Oct. 3.
Hinge. J. Ludwig. 2,149,973; Mar. 7.
Hinge. J. Ludwig. 2,154,519; Apr. 18.
Hinge. W. R. Morse. 2,154,860; Apr. 18.
Hinge. A. J. Mulvaney. 2,167,585; July 25.
Hinge. T. E. Raymond. 2,182,546; Dec. 5.
Hinge. E. E. Slick. 2,183,413; Dec. 12.
Hinge. J. Soss. 2,175,577; Oct. 10.
Hinge. J. and H. Soss. 2,169,059; Aug. 8.
Hinge. F. J. Westrope. 2,153,734; Apr. 11.
Hinge and flow valve, Combined. W. C. Groeniger. 2,153,536; Apr. 11.
Hinge and locking means, Door supporting. G. F. Claus. 2,172,649; Sept. 12.
Hinge and pillar construction for vehicle doors. E. L. Ackerman. 2,147,133; Feb. 14.
Hinge and prop structure. S. De Orlow. 2,154,733; Apr. 18.
Hinge and reinforcement, Concealed. W. A. Donahue. 2,174,033; Sept. 26.
Hinge, as for tables, Leg. H. L. McPherson. 2,159,564; May 23.

Hinge, Ash receiver. R. D. De Boer. 2,149,586; Mar. 7.
Hinge, Automobile door. S. B. Atwood. 2,153,541; Apr. 11.
Hinge, Automobile door. A. J. Leonard. 2,142,319; Jan. 3.
Hinge, Concealed. J. Soss. 2,157,027; May 2.
Hinge, Concealed. J. Soss. 2,163,713; June 27.
Hinge, Concealed. J. Soss. 2,164,757; July 4.
Hinge, Concealed. J. Soss. 2,177,294; Oct. 24.
Hinge, Concealed. J. Soss. 2,178,271; Oct. 31.
Hinge, Concealed elongating. D. J. Rea. 2,182,704; Dec. 5.
Hinge construction. A. J. Allen. 2,170,614; Aug. 22.
Hinge construction. N. L. Obrecht. 2,160,485; May 30.
Hinge, Covered joint. J. Soss. 2,151, 240; Mar. 21.
Hinge, Door. A. L. Hansen. 2,177,826; Oct. 31.
Hinge, Door. A. L. Jones. 2,166,815; July 18.
Hinge, Door. M. F. Webber. 2,144,863; Jan. 24.
Hinge, Electrical appliance. F. L. Renga. 2,167,489; July 25.
Hinge for an automobile bed. N. B. Berge. 2,177,202; Oct. 24.
Hinge for automobile doors, Concealed. C. Dumelin. 2,142,558; Jan. 3.
Hinge for car window structures, Compensating. J. Schunk. 2,162,463; June 13.
Hinge for curved vehicle doors. M. Jacob. 2,144,977; Jan. 24.
Hinge for luggage cases, Stop. J. H. Plotkin. 2,181,025; Nov. 21.
Hinge, Gate. C. W. Bash. 2,182,548; Dec. 5.
Hinge, Gooseneck. E. B. G. Lefevre. 2,143,736; Jan. 10.
Hinge mechanism. E. E. Howe. 2,163,323; June 20.
Hinge mechanism for the moving or control surfaces of aircraft. R. Tampier. 2,155,513; Apr. 25.
Hinge mounting for doors, panels, hatchways, or the like. R. J. H. Hudson. 2,178,908; Nov. 7.
Hinge, opening and closing, and limit stop for doors, Concealed combination. L. R. Schroeder and F. W. Cichoski. 2,180,552; Nov. 21.
Hinge pin pusher. S. Mandl. 2,183,842; Dec. 19.
Hinge, Separable. A. R. Martindale. 2,171,038; Aug. 29.
Hinge, Stack. C. H. Mashak. 2,172,027; Sept. 5.
Hinge structure. S. H. Caldwell and R. J. Black. 2,149,576; Mar. 7.
Hinge, Toilet seat. E. F. Hill. 2,181,017; Nov. 21.
Hinge, Trunk. L. Blackmore. 2,173,644; Sept. 19.
Hinge, Weight bearing. P. M. Stephens. 2,162,650; June 13.
Hitch. N. J. Alexander. 2,158,316; May 16.
Hitch. A. D. Sheldon. 2,144,580; Jan. 17.
Hitch. T. F. Trow. 2,179,439; Nov. 7.
Hitch, Adjustable plow. W. E. Knapp. 2,155,715; Apr. 25.
Hitch device. T. Brown and T. W. Paul. 2,176,326; Oct. 17.
Hitch device. F. T. Court. 2,178,249; Oct. 31.
Hitch device. H. H. Rollins. 2,180,257; Nov. 14.
Hitch, Floating tractor. E. P. Hoepfner. 2,184,044; Dec. 19.
Hitch for offset harrows. A. E. W. Johnson. 2,164,210; June 27.
Hitch, Implement. L. E. Gorger. 2,181,270; Nov. 28.
Hitch, Lawn mower. E. S. George. 2,145,440; Jan. 31.
Hitch, Safety. W. F. Staggers. 2,157,639; May 9.
Hitch, Tractor. L. W. Carmody and S. M. Campbell. 2,175,427; Oct. 10.
Hitch, Tractor. G. W. Todd. 2,159,460; May 23.
Hitch, Tractor harrow. J. M. Cruikshank. 2,164,577; July 4.
Hitch, Trailer. S. E. Adams. 2,170,983; Aug. 29.
Hitch, Trailer. P. M. Bastuscheck. 2,180,272; Nov. 14.
Hitch, Trailer. E. R. Berluti. 2,178,094; Oct. 31.
Hitch, Trailer. C. O. Buckellew. 2,144,401; Jan. 17.
Hitch, Trailer. W. E. Bush. 2,159,253; May 23.
Hitch, Trailer. C. E. Callaway. 2,157,998; May 9.
Hitch, Trailer. J. O. Duncan. 2,181,178; Nov. 28.
Hitch, Trailer. C. O. Jacks. 2,163,999; June 27.
Hitch, Trailer. W. Rawnsley. 2,179,955; Nov. 14.
Hitch, Trailer. D. H. Storey. 2,157,681; May 9.
Hitch with brake-operating means, Trailer. W. P. Naegele and F. W. Steenbock. 2,181,736; Nov. 28.
Hive frame. W. T. Kelley. 2,150,067; Mar. 7.
Hive, Swarm-controlling section. J. Wisniewski. 2,162,413; June 13.
Hob. H. Schicht. 2,146,232; Feb. 7.
Hob and method of manufacture. H. Pelphrey. 2,142,285; Jan. 3.
Hobbing machine. J. Edgar. 2,152,469; Mar. 28.
Hobbing machine. B. R. Purvin. 2,167,267; July 25.
Hobbing machine. O. E. Staples and T. F. Carlin. 2,154,056; Apr. 11.
Hobbyhorse. R. T. Jester. 2,173,536; Sept. 19.
Hoe, Field and garden. H. W. Koenig. 2,147,980; Feb. 21.
Hoe, Hand. C. E. Curtiss. 2,169,557; Aug. 15.
Hog feeder. W. C. Reynolds. 2,158,253; May 16.
Hog feeder. C. I. Ringer. 2,168,745; Aug. 8.
Hog-scalding apparatus. R. G. Reynoldson. 2,176,313; Oct. 17.
Hogshead, Collapsible. J. E. and R. Edgin. 2,143,436; Jan. 10.
Hoist. A. M. Barrett. 2,181,359; Nov. 28.
Hoist. R. E. Fisher. 2,148,932; Feb. 28.
Hoist. E. B. Gruber. 2,148,616; Feb. 28.
Hoist. F. G. Welke. 2,157,734; May 9.
Hoist and feed hopper. A. C. Rasmussen. 2,168,495; Aug. 8.
Hoist controller. H. H. Logan. 2,146,124; Feb. 7.
Hoist, Electric. R. E. Smith. 2,175,037; Oct. 3.
Hoist, Fluid. P. Whitcomb. 2,147,761; Feb. 21.
Hoist for fish lift gates, Tag line. A. Zwald. 2,169,316; Aug. 15.
Hoist for material and article handling, Traversing. J. J. Willis. 2,181,253; Nov. 28.
Hoist, Free-chain planetary. F. W. Coffing. 2,150,419; Mar. 14.
Hoist, Material. V. L. Ewing. 2,143,189; Jan. 10.
Hoist, Oil well. J. E. Brantly. 2,159,250; May 23.
Hoist or movable scaffold, Portable hydraulic. D. R. Hillis. 2,183,679; Dec. 19.
Hoist, Revolving. J. M. Paine. 2,171,404; Aug. 29.
Hoisting apparatus. A. J. Chantry. 2,183,542; Dec. 19.
Hoisting apparatus. B. D. Jerabek. 2,153,803; Apr. 11.
Hoisting apparatus, Telescopic. R. Payson. 2,147,313; Feb. 14.
Hoisting control system. W. Schaelchlin and K. Mahnke. 2,184,768; Dec. 26.
Hoisting mechanism. J. F. Joy. 2,149,889; Mar. 7
Hoisting mechanism. J. F. Joy. 2,165,895; July 11.
Hoisting system and control with apparatus therefor, Hydraulic. H. O. Day. 2,143,546; Jan. 10.
Hoisting unit and control system therefor, Hydraulic. H. F. Vickers. 2,171,204; Aug. 29.
Hold-down for storage batteries. E. L. Lord. 2,181,304; Nov. 28.
Hold-down valve. S. L. Calvert. 2,167,415; July 25.
Holder: *See*—
Arm holder.
Article holder.
Automobile license holder.
Bag holder.
Bait holder.
Battery holder.
Belt hook holder.
Billfold and key holder.
Blade holder.
Bobbin holder.
Book and pencil holder.
Book holder.
Boring bar holder.
Bottle holder.
Bow holder.
Box holder.
Brush holder.
Camera plate holder.
Card holder.
Casket-top holder.
Certificate holder.
Chalk holder.
Chart holder.
Check pad holder.
Chuck or tool holder.
Cigarette holder.
Cigarette or cigar holder.
Clothesline holder.
Coin holder.
Collapsible copy holder.
Collar holder.
Collar and tie holder.
Condiment holder.
Container holder.
Copy holder.
Cord holder.
Cosmetic holder.
Cow tail holder.
Crayon holder.
Cup holder.
Curtain holder.
Dental floss holder.
Die holder.
Display holder.
Door holder.
Drill and work holder.
Dry gas holder.
Electrode holder.
Fairing holder.
Film holder.
Finger fitting holder.
Finger-lock tool holder.
Fishhook holder.
Fishing pole holder.
Fishing rod holder.
Flashlight holder.
Flower and candle holder.
Flower holder.
Flypaper holder.
Garden hose holder.
Gas holder.
Glass holder.
Glove and article holder.
Golf ball holder.
Grasshopper holder.
Hairpin holder.
Head rod holder.
Implement holder.
Indexing work holder.
Instrument holder.
Jar holder.
Jewel setting holder.
Key holder.
Knife holder.
Label and index holder.
Lamp holder.
License card holder.
License plate holder.
Line holder.
Lipstick and cigarette holder.
Lipstick holder.
Loading spout holder.
Magnetic work holder.
Match holder.
Match packet holder.
Material holder.
Mattress holder.
Menu holder.
Merchandise holder.
Message holder.
Milk bottle holder.
Mop holder.
Music holder.
Mute holder.
Necktie holder.
Negative holder.
Pad or paper sheet holder.
Paper holder.
Paper roll holder.
Pattern holder.
Pen and pencil holder.
Pen point holder.
Pencil holder.
Photographic plate holder.
Picture holder.
Piezoelectric crystal holder.
Punch holder.
Razor blade holder.
Reading matter holder.
Receptacle and brush holder.
Receptacle holder.
Record holder.
Reel holder.
Rivet holder.
Rod holder.
Rod, butt, cap, and hook holder.
Roll holder.
Sales-slip holder.
Sample holder.
Sandwich holder.
Sash holder.
Shade and curtain holder.
Shade holder.
Shingling gauge holder.
Soap holder.
Soldering iron holder.
Stamp holder.
Stamping type holder.
Stock holder.
Supporter and cravat holder.
Suture holder.
Syringe holder.
Tag holder.

Holder: *See*—
Tap holder.
Thread holder.
Ticket holder.
Tie holder.
Tire casing holder.
Toilet paper holder.
Tool holder.
Tooth brush holder.
Towel dispensing holder.
Tree branch and stick holder.
Tube holder.
Umbrella holder.
Vacuum holder.
Venetian blind tape holder.
Vest and collar holder.
Watch movement holder.
Waterless gas holder.
Welding electrode holder.
Work holder.
Yarn holder.

Holder. A. P. Jorgenson. 2,149,142; Feb. 28.
Holder and applicator, Soap. L. J. Arms. Re. 21,307; Dec. 26.
Holder and bookmark, Combined leaf. O. L. Hermann. 2,156,944; May 2.
Holder and carriage for photographic lettering machines, Plate. A. T. Koppe. 2,184,221; Dec. 19.
Holder and clamp, Shankless bit. E. Reaney. 2,150,561; Mar. 14.
Holder and container for electric iron cords. B. Posner. 2,142,654; Jan. 3.
Holder and cutter, Adhesive tape spool. R. M. Welch. 2,144,999; Jan. 24.
Holder and dentifrice dispenser, Sanitary tooth brush. K. K. Davidson. 2,184,212; Dec. 19.
Holder and dispenser, Combination collapsible tube. M. A. Vacca. 2,174,643; Oct. 3.
Holder and dispenser, Paper roll. L. H. McClintock and N. B. Currier. 2,159,443; May 23.
Holder and drainer, Soap cake. F. T. Plack. 2,184,805; Dec. 26.
Holder and feeder, Carbon paper. D. R. Fruchey and D. C. Orwig. 2,177,884; Oct. 31.
Holder and guide, Tie. J. W. Pugh. 2,174,478; Sept. 26.
Holder and illuminator, Combined license plate. T. Checkos. 2,180,754; Nov. 21.
Holder and lifter, Pan and dish. G. A. Campbell. 2,173,709; Sept. 19.
Holder and lock, Tag. V. M. Lyle. 2,142,906; Jan. 3.
Holder and lock, Window sash. C. E. Axtell. 2,164,102; June 27.
Holder and mounting hooks thereon, Belt hook. A. Bray. 2,156,966; May 2.
Holder and protector, Bottle. A. Rathemacher. 2,154,772; Apr. 18.
Holder and sheet marker, Memorandum pad. C. H. Manzler. 2,143,327; Jan. 10.
Holder and sign, Adjustable. J. Weinhart. 28,165,595; July 11.
Holder and support, Cake. S. Enstrom. 2,178,166; Oct. 31.
Holder and support for uniform caps, Adjustable insignia or badge. H. Lev. 2,154,210; Apr. 11.
Holder and support therefor, Flag. C. R. Beard. 2,177,513; Oct. 24.
Holder and the like, Brassière strap. M. E. Cunningham. 2,163,936; June 27.
Holder and the like, Ornamental tie. R. C. Bangs. 2,146,047; Feb. 7.
Holder assembly for reflector type floor lamps. P. Lebert and R. Dack. 2,160,157; May 30.
Holder attachment for ash receptacles, Cigarette. H. A. Du Prey. 2,172,161; Sept. 5.
Holder block for tool holders. R. H. Bergström. 2,148,852; Feb. 28.
Holder for articles. L. J. Schockling. 2,163,710; June 27.
Holder for bedsprings, Mattress. M. Bechik. 2,154,557; Apr. 18.
Holder for bottles and paste tubes, Cap. A. J. Perdue. 2,155,329; Apr. 18.
Holder for cameras, Copy. V. C. Heybourne. 2,184,698; Dec. 26.
Holder for cards and other articles. J. S. Cushman 2,149,509; Mar. 7.
Holder for chips and playing cards. J. Rivers. 2,149,687; Mar. 7.
Holder for cigarette packs. H. Negbaur. 2,148,319; Feb. 21.
Holder for cigars and cigarettes, Safety. M. Lewis. 2,153,332; Apr. 4.
Holder for collapsible tube containers. J. Holt. 2,166,107; July 18.
Holder for cooking utensil covers, Article. A. Rosenthal. 2,165,654; July 11.
Holder for cross-word puzzles. H. Alexander. 2,168,551; Aug. 8.
Holder for cymbals, Rubber. F. F. Kiemle. 2,163,949; June 27.
Holder for divisional propellent charges. E. J. McCormick. 2,178,594–9; Nov. 7.
Holder for electrically heated tools. A. H. Shangle. 2,174,230; Sept. 26.
Holder for frankfurters. A. S. Haislip. 2,161,512; June 6.
Holder for game counters, Counter. M. S. Cowen. 2,182,488; Dec. 5.
Holder for garbage cans. J. F. Smith. 2,175,134; Oct. 3.
Holder for gear-shift levers. F. H. Elliott. 2,177,209; Oct. 24.
Holder for goggles and the like, Adjustable. J. E. Dennis. 2,155,258; Apr. 18.
Holder for grinding machines, Work. W. M. McAfee. 2,153,261; Apr. 4.
Holder for hand-driven weaving looms, Warp. A. H. and G. H. Raba. 2,150,843; Mar. 14.
Holder for hog or swine rings. C. Johnson. 2,166,526; July 18.
Holder for hosiery or the like. H. P. Luhn. 2,164,534; July 4.
Holder for ice scrapers, Cup and cone. L. H. Clarke. 2,146,419; Feb. 7.
Holder for knives, Lubricating. C. F. Eaton. 2,184,612; Dec. 26.
Holder for lathes, Tool. F. S. Floeter. 2,154,739; Apr. 18.
Holder for lathes, Tool. H. C. Pierle. 2,173,633; Sept. 19.
Holder for leaves, cards, and the like. B. S. Vaughan. 2,162,594; June 13.
Holder for loose leaf binders, Card. W. P. Williams. 2,150,474; Mar. 14.
Holder for luminous tube terminals, Conducting. L. F. R. Bellows. 2, 173,510; Sept. 19.
Holder for manufacturing frozen confections on sticks, Stick. E. L. Elwell. 2,165,789; July 11.
Holder for metal extrusion presses, Die. H. Dreyer. 2,172,867; Sept. 12.
Holder for nail making dies, Die. I. Werner. 2,178,711; Nov. 7.
Holder for neckties and other articles. K. Waring. 2,143,119; Jan. 10.
Holder for nursing bottles. T. G. Haritos. 2,183,332; Dec. 12.
Holder for nursing bottles. A. E. McElwee. 2,149,615; Mar. 7.
Holder for palm. L. Donald. 2,143,869; Jan. 17.
Holder for paper bags and the like. R. F. Bateman. 2,165,606; July 11.
Holder for paper matches. R. C. Read. 2,162,921; June 20.
Holder for photographic cameras, Film. K. Morsbach and K. Raschke. 2,159,998; May 30.
Holder for pneumatic hammers, Tool. C. P. Whitlock. 2,157,444; May 9.
Holder for portable electrical appliances. W. W. White. 2,143,529; Jan. 10.
Holder for projectors, Rotary slide. G. Spindler. 2,146,452; Feb. 7.
Holder for record cards or sheets. J. W. Guilday and J. Jeming. 2,169,999; Aug. 22.
Holder for refrigerators, Air. H. P. Bangert. 2,146,707; Feb. 14.
Holder for refrigerators or the like, Lamp. F. C. De Reamer. 2,152,468; Mar. 28.
Holder for roll material, Adjustable. B. Posatsky. 2,166,320; July 18.
Holder for sales slips. R. E. Harding. 2,182,257; Dec. 5.
Holder for saucepans, Spoon. G. K. Forbes. 2,164,649; July 4.
Holder for slicing bread. A. Katzinger. 2,172,538; Sept. 12.
Holder for spools, Thread. R. C. Hawkins. 2,145,178; Jan. 24.
Holder for spring eyelets. A. H. Freeman and J. S. Fladebo. 2,142,267; Jan. 3.
Holder for stitching machines, Wire spool. E. J. Rodda. 2,149,631; Mar. 7.
Holder for surgical needles. E. A. J. Ericsson. 2,150,496; Mar. 14.
Holder for textiles. E. A. Stienen. 2,145,957; Feb. 7.
Holder for thin material. L. W. McKeehan. 2,177,905; Oct. 31.
Holder for tooth brushes. B. and J. Oshman. 2,145,456; Jan. 31.
Holder for towels and other articles. W. O. Dailey. 2,178,113; Oct. 31.
Holder for transparent pictures. E. Jullmann. 2,148,124; Feb. 21.
Holder for upholstery webbing. J. Poulsen. 2,146,592; Feb. 7.
Holder for use with typewriters, calculating, and like machines, Copy. T. L. Coppock. 2,146,465; Feb. 7.
Holder for wire-drawing dies. F. W. Gaines, 3d. 2,147,888; Feb. 21.
Holder for writing pads. A. R. Swanstrom. 2,167,731; Aug. 1.
Holder, lifter, and scraper, Ice cream can. H. L. Milligan. 2,167,217; July 25.
Holder or container for dentures and other articles. J. Wing. 2,163,862; June 27.
Holder or latch, Door. H. W. Titus. 2,161,542; June 6.
Holder, smoker, and ash-retainer, Combined cigarette. N. Coffelt and S. P. Buck. 2,177,636; Oct. 31.
Holder with layout and checking device, Work. A. L. Meyer. 2,178,264; Oct. 31.
Holder without dead space, Gas. K. Jagschitz. 2,161,817; June 13.
Holders, Fabricating cosmetic. E. Noyack. 2,168,876; Aug. 8.
Holders, Fabricating cosmetic. E. Noyack and G. P. Peterson. 2,168,877; Aug. 8.
Holders, Making guide. R. C. Legat. 2,146,964; Feb. 14.
Holding and feeding device for "stenotype" notes. B. C. Shipley and J. D. Rice. 2,166,508; July 18.
Holding and releasing device, Automatic. H. V. Harding. 2,171,365; Aug. 29.
Holding and releasing means, Brake. S. M. Coffman. 2,160,126; May 30.

Holding and releasing mechanism for hand brakes. F. J. Stolpe. 2,179,674; Nov. 14.
Holding and supporting member. M. P. Chaplin. 2,156,583; May 2.
Holding device. A. J. Schwisow. 2,173,953; Sept. 26.
Holding device. H. W. Tucker. 2,182,392; Dec. 5.
Holding device for cap covers or tops. U. E. Biaesch. 2,152,678; Apr. 4.
Holding device for containers, Movable. A. S. Moffat. 2,165,567; July 11.
Holding device for cord, wire, etc. R. Fraser. 2,175,835; Oct. 10.
Holding instrument. L. H. Reineke. 2,160,988; June 6.
Holding means for flares and the like. F. B. Embury. 2,184,273; Dec. 26.
Holding means for folding chairs. E. W. Coble. 2,182,516; Dec. 5.
Holding or locking device. C. A. Arens. 2,161,661; June 6.
Holding valve. J. N. Shuey. 2,161,099; June 6.
Hole forming tool. W. O. Reeser. 2,176,943; Oct. 24.
Hole sizing tool. G. Harrison. 2,180,823; Nov. 21.
Holes for concrete footings, Preparing. B. H. and J. A. Bertran. Re. 21,241; Oct. 24.
Hollow article. W. J. De Witt. 2,180,402; Nov. 21.
Hollow articles, Making. G. H. Phelps and H. S. Holmes. 2,181,201; Nov. 28.
Hollow bodies, Soldering. A. Glaser. 2,144,332; Jan. 17.
Homogenizer. W. S. Bowen. 2,142,344; Jan. 3.
Homogenizer. W. K. Krauss. 2,172,661; Sept. 12.
Homogenizing apparatus. S. B. Heath and F. R. Minger. 2,153,537; Apr. 11.
Hone. H. L. Blood. 2,159,962; May 30.
Hone. H. L. Blood. 2,164,867; July 4.
Hone. T. H. Nye. 2,175,158; Oct. 3.
Hone, Bearing. J. J. Palotce. 2,174,945; Oct. 3.
Hone, Bearing. J. J. Palotce. 2,178,491; Oct. 31.
Hone for hydraulic brake cylinders. E. I. Schwarz. 2,147,387; Feb. 14.
Honing, Apparatus for. H. L. Blood. 2,146,414; Feb. 7.
Honing, Apparatus for. H. L. Blood. 2,182,276; Dec. 5.
Honing apparatus, Razor. F. Schmid. 2,166,773; July 18.
Honing device. H. T. Wendt. 2,172,720; Sept. 12.
Honing device for shears. V. J. Veron. 2,155,175; Apr. 18.
Honing machine. H. L. Blood. 2,148,337; Feb. 21.
Honing machine. H. L. Blood and W. D. Schmidt. 2,174,029; Sept. 26.
Honing machine. A. M. Johnson. 2,163,604; June 27.
Honing machine. A. M. Johnson. 2,171,271; Aug. 29.
Honing machine. J. E. G. Kline. 2,171,799; Sept. 5.
Honing machine. W. D. Schmidt. 2,143,454; Jan. 10.
Honing machine. F. A. Swanson. 2,176,316; Oct. 17.
Honing mechanism. C. W. Floss. 2,160,494; May 30.
Honing mechanism and control means therefor, Automatic. C. W. Floss. 2,164,811; July 4.
Honing structure. E. F. Brower. 2,181,011; Nov. 21.
Honing tool. E. F. Brower and W. H. Harris, Jr. 2,181,010; Nov. 21.
Honey, Device for cutting and packing comb. A. Perreton. 2,168,579; Aug. 8.
Honey, Device for treating. T. Turchenko. 2,161,113; June 6.
Honeycomb frame. A. Panei. 2,146,844; Feb. 14.
Hood and chute for grinding machines, Reversible. H. J. Mankoff. 2,184,123; Dec. 19.
Hood construction. W. J. Hall. 2,183,809; Dec. 19.
Hood for automobile vehicles or the like, Folding. M. Bessonneau. 2,157,783; May 9.
Hood for bottles, Protective. S. H. Berch, D. Ray, and E. S. Chase. 2,161,993; June 13.
Hood for up-type coilers, Semiarticulated forming. D. H. Washburn and E. B. Hudson. 2,155,879; Apr. 25.
Hood for water heaters or the like, Draft. C. H. Morrow. 2,180,212; Nov. 14.
Hood latch. D. P. Hynes. 2,146,186–7; Feb. 7.
Hood latch. D. P. Hynes. 2,166,252; July 18.
Hood latch. A. E. Peterson. 2,146,700; Feb. 7.
Hood latch. A. E. Peterson. 2,183,621; Dec. 19.
Hood lock. F. D. Bozarth. 2,145,968; Feb. 7.
Hood lock, Dash manipulated. R. C. Plueckhahn. 2,162,638; June 13.
Hood or cabinet for bottled gas systems. H. E. Double. 2,166,043; July 11.
Hood, Spraying. J. A. Erickson. 2,175,259; Oct. 10.
Hood support. W. J. Tell. 2,162,135; June 13.
Hoofs of animals, Means or device for protecting the. F. P. Ford, A. C. Cope, and A. G. H. Gough. 2,163,361; June 20.
Hook: *See*—
Bag hook.
Bait holder and hook.
Cord hook.
Curtain suspension hook.
Drilling hook.
Gaff hook.
Log lifting cant hook.
Nitroglycerine combination hook.
Safety hook.
Shaft hook.
Sheet metal snap hook.
Snap hook.
Spring hook.
Sucker rod hook.
Hook adapter. H. Lindsay. 2,161,259; June 6.
Hook and fastener for curtains, draperies, and the like. B. K. Martin. 2,147,910; Feb. 21.
Hook for annealing boxes and the like, Lifting. C. J. Angstrom and A. R. Kruse. 2,142,232; Jan. 3.
Hook for garment hangers, Supporting. M. Gay. 2,151,964; Mar. 28.
Hook for loom harnesses, Sliding. G. F. Bahan. 2,145,217; Jan. 24.
Hook for receptacle covers. A. H. Gerhardt. 2,156,756; May 2.
Hook for watch wristlets, Attaching. E. Gauss. 2,157,288; May 9.
Hook-on measurement device. R. G. Arey. 2,146,555; Feb. 7.
Hook retriever. J. C. Sorenson and H. C. Hansen. 2,175,135; Oct. 3.
Hoop and making it, Painted. J. H. Bowman. 2,156,107; Apr. 25.
Hoop and propelling means. S. Heath. 2,140,960; Mar. 7.
Hoop for steel barrels, Rubber rolling. W. I. Hanrahan. 2,173,804; Sept. 19.
Hoop, Train order. E. Kappen. 2,172,679; Sept. 12.
Hopper. A. Du Bois. 2,144,181; Jan. 17.
Hopper. G. Kohlhardt. 2,164,824; July 4.
Hopper and belt, Asparagus. F. Phillips. 2,182,738; Dec. 5.
Hopper and seed distributing mechanism for seed planters. R. Mann. 2,164,333; July 4.
Hopper closure mechanism. A. G. Carlson. 2,166,484; July 18.
Hopper construction. L. H. Garlinghouse. 2,182,893; Dec. 12.
Hopper construction. K. M. Hamilton. 2,184,924; Dec. 26.
Hopper construction. A. E. W. Johnson and G. M. Kriegbaum. 2,159,659; May 23.
Hopper for pulverized materials, Feed. J. Watson and H. T. Lamb. 2,164,483; July 4.
Hopper machines for stacking slide fastener elements. M. and M. J. Kiessling. 2,157,709; May 9.
Hoppers, Apparatus for the automatic unclogging of. E. Damond. 2,174,348; Sept. 26.
Hops, Extracting the essential principles of. L. D. Wood. 2,181,931; Dec. 5.
Horizon, Artificial. L. E. Carter. 2,183,133; Dec. 12.
Horizon attachment for sextants, Artificial. C. J. McDonald. 2,143,080; Jan. 10.
Horizontal redraw press. Z. P. Candee. 2,183,287; Dec. 12.
Hormone. W. Dirscherl. 2,182,073; Dec. 5.
Hormone. W. Dirscherl and J. Kraus. 2,182,074; Dec. 5.
Hormone, Preparation of a slowly absorbed antidiabetic. L. Rosenthal and J. Kamlet. 2,156,545; May 2.
Hormone preparations of high purity. E. Schwenk, F. Hilderbrandt, and M. Gehrke. 2,184,775; Dec. 26.
Hormones and preparing them, Sexual. W. Dirscherl and F. Hanusch. 2,152,625–6; Apr. 4.
Hormones by fermentative reduction, Manufacture of dihydrofollicle. W. Schoeller. 2,184,167; Dec. 19.
Hormones, Cortical. T. Reichstein. 2,166,877; July 18.
Hormones from the urine of pregnant individuals, Isolating follicle. E. Schwenk and F. Hilderbrandt. 2,178,109; Oct. 31.
Hormones, Production of male sexual. E. Laqueur, K. G. David, E. Dingemanse, and J. Freud. 2,175,963; Oct. 10.
Hormones, Purifying. M. Hartmann and A. Wettstein. Re. 21,064; May 2.
Horn. C. H. Dietze, Jr. 2,175,018; Oct. 3.
Horn. C. S. Kelley. 2,155,232; Apr. 18.
Horn. T. J. Scofield. 2,155,366; Apr. 18.
Horn accessory. G. A. Lyon. 2,175,206–7; Oct. 10.
Horn blower. G. A. Lyon. 2,175,208; Oct. 10.
Horn control for a motor vehicle. A. M. Cunha. 2,181,419; Nov. 28.
Horn, Diaphragm. S. G. Down. 2,142,184; Jan. 3.
Horn for nonconducting fluids, Discharge. M. Betzler. 2,151,076; Mar. 21.
Horn, Pneumatic. C. S. Kelley. 2,159,801; May 23.
Horn, Pneumatic. D. Patterson. 2,173,951; Sept. 26.
Horn ring for automobiles. G. E. Peters and L. E. Russell. 2,147,007; Feb. 14.
Horn sounder, Emergency automobile. M. M. Collins. 2,156,751; May 2.
Horse-collar pad. H. S. Thomas. 2,151,247; Mar. 21.
Horse or trestle, Carpenter's. G. W. Spikings, Jr. 2,174,952; Oct. 3.
Horseshoe. W. P. Kearney. 2,157,826; May 9.
Horseshoe calk bar. J. O. Nygaard and O. Miöen. 2,145,013; Jan. 24.
Horse, Supporting. P. W. Hussey. 2,158,939; May 16.
Horticulture shading device. H. H. A. Heuer. 2,156,986; May 2.
Hose. E. Baumgratz. 2,144,478; Jan. 17.
Hose. A. L. Freedlander. 2,173,359; Sept. 19.
Hose. D. B. Gish. 2,158,538; May 16.
Hose. R. Taylor. Re. 21,258; Nov. 7.
Hose and constructing the same, Reinforced. W. G. L. Smith. 2,151,307; Mar. 21.
Hose and method of making, Flanged. J. D. Berwick. 2,150,412; Mar. 14.
Hose and stocking drier. H. J. Gordon. 2,175,661; Oct. 10.
Hose bridge and curb jumper. E. W. Taylor. 2,150,591; Mar. 14.
Hose bridge device. E. J. Wendell. 2,166,031; July 11.
Hose clamp. D. Arras. 2,180,271; Nov. 14.
Hose clamp. A. L. Dold. 2,183,551; Dec. 19.

Hose clamp. H. W. Goodall. 2,166,524; July 18.
Hose clamp. F. E. Payne. 2,147,127; Feb. 14.
Hose clamp. L. J. and P. Rauch. 2,150,986; Mar. 21.
Hose connection and making same. J. Fentress. 2,172,532; Sept. 12.
Hose connector. C. A. Norgren. 2,171,945; Sept. 5.
Hose construction. R. C. Pierce. 2,156,899; May 2.
Hose construction for laundry machines, Drain. T. J. Litle, Jr. 2,147,124; Feb. 14.
Hose coupler, Automatic. C. Da Valle. 2,148,901; Feb. 28.
Hose coupler lock. E. A. Russell and W. W. Wilson. 2,175,764; Oct. 10.
Hose coupler lock. W. W. Wilson. 2,171,821; Sept. 5.
Hose coupling. D. F. Bruce. 2,155,640; Apr. 25.
Hose coupling. G. P. Harrington. 2,179,930; Nov. 14.
Hose coupling. R. S. Sanford. 2,152,975; Apr. 4.
Hose coupling. A. J. Scholtes. 2,179,200; Nov. 7.
Hose coupling, Clincher. G. G. Howard. 2,142,752; Jan. 3.
Hose coupling, Contracted sleeve. A. J. Scholtes. 2,147,356; Feb. 14.
Hose coupling, Contractible ring. A. J. Scholtes. 2,147,354; Feb. 14.
Hose coupling, Permanent. W. H. Miller. 2,146,756; Feb. 14.
Hose coupling, Permanent. A. J. Scholtes. 2,147,355; Feb. 14.
Hose coupling, Pronged clinching finger. E. H. Tompkins. 2,142,768; Jan. 3.
Hose coupling, Spread tongue. A. J. Scholtes. 2,147,353; Feb. 14.
Hose coupling, Swivel joint. F. Leon. 2,148,566; Feb. 28.
Hose, Flanged. E. G. Kimmich and J. L. Cutler. 2,146,218; Feb. 7.
Hose, Flexible metallic. J. Van Vulpen. 2,150,471; Mar. 14.
Hose, High pressure. C. E. Van Stone and A. E. Johnson. 2,184,984; Dec. 26.
Hose locking mechanism for dispensing pumps. H. E. Kampf. 2,184,079; Dec. 19.
Hose, Making flexible. G. T. Forbes. 2,176,762; Oct. 17.
Hose, Manufacturing. R. Berkowitz. 2,146,559; Feb. 7.
Hose, Nonkinking. W. T. Stalter and M. M. Latta. 2,143,960; Jan. 17.
Hose protector. W. H. Miller. 2,147,494; Feb. 14.
Hose protector. F. R. Powell. 2,172,130; Sept. 5.
Hose protector. W. C. Schuknecht and G. N. Jagemann. 2,166,448; July 18.
Hose support. A. F. Johnson. 2,177,128; Oct. 24.
Hose valve. H. G. Davis. 2,149,584; Mar. 7.
Hose washing machine. K. G. Sedgwick. 2,179,831; Nov. 14.
Hosiery. N. Cohn. 2,154,124; Apr. 11.
Hosiery. W. J. Longtin and W. A. Saussaman. 2,153,423; Apr. 4.
Hosiery. J. W. Mettler. 2,150,333; Mar. 14.
Hosiery and knitted goods, Apparatus for the picking up of loops or meshes dropped in. S. Schlesinger 2,175,000; Oct. 3.
Hosiery and making it. E. Ruckel. 2,156,657; May 2.
Hosiery and making the same. J. L. Beers and H. J. Straussberger. 2,145,471; Jan. 31.
Hosiery and making the same. E. C. Lochhead. 2,170,149; Aug. 22.
Hosiery dispensing machine. R. C. Hopkins. Des. Re. 21,146; July 11.
Hosiery, Elastic top for. W. Larkin. 2,180,247; Nov. 14.
Hosiery form support. W. J. De Witt. 2,145,922; Feb. 7.
Hosiery, Full fashioned. J. M. Botts. 2,174,817; Oct. 3.
Hosiery, Knitting. E. Ruckel. 2,155,686; Apr. 25.
Hosiery, Making. J. L. Beers and H. J. Straussberger. 2,145,472; Jan. 31.
Hosiery, Making. J. L. Beers and H. J. Straussberger. 2,170,615; Aug. 22.
Hosiery mending device. A. G. Eichholz. 2,179,372; Nov. 7.
Hosiery, Nonrun. F. E. Struve. 2,165,520; July 11.
Hosiery, Ornamental heel reinforcement for. F. E. Struve. 2,160,373; May 30.
Hospital equipment. A. J. Daniels. 2,174,870; Oct. 3.
Hot air conduit filter. R. L. Kennedy. 2,171,797; Sept. 5.
Hot air heater. E. Esson. 2,165,038; July 4.
Hot air heater. E. Esson. 2,174,572; Oct. 3.
Hot blast valve. W. Eaton and J. C. Hayes. 2,165,036; July 4.
Hot box detector and signal appliance. H. M. Ziegler. 2,164,674; July 4.
Hot liquid container. C. A. Rivard. 2,171,322; Aug. 29.
Hotplate. K. Prade. 2,169,884; Aug. 15.
Hot top. A. C. Estep. 2,159,374; May 23.
Hot top. H. B. Groninger. 2,156,980; May 2.
Hot water heater. J. Hileman. 2,158,122; May 16.
Hot water heater. N. Marcus. 2,171,369; Aug. 29.
Hot water heater. G. W. Whitehurst. 2,160,994; June 6.
Hour glass indicator, Reversible. S. G. Pennington. 2,149,404; Mar. 7.
House, Chicken. L. P. Wright. 2,159,924; May 23.
House, Cloth. J. K. Morrison. 2,143,659; Jan. 10.
House construction. E. A. Corbin, Jr. 2,156,277; May 2.
House, Deck. E. J. W. Ragsdale, C. B. Conwell, and T. G. Jordan. 2,152,605; Mar. 28.
House, Malt. H. J. H. King. 2,150,769; Mar. 14.
House number sign. R. G. McConnell. 2,163,695; June 27.
House, Prefabricated. J. H. Bates and T. H. Hansen. 2,181,169; Nov. 28.
House trailer, Collapsible. L. Winters. 2,181,844; Nov. 28.
Housed type of repeating drop-out fuse. W. O. Schultz and A. G. Steinmayer. Re. 21,254; Oct. 31.
Housing. A. W. Dring. 2,151,751; Mar. 28.
Housing and hub band for cars. C. C. Wallace. 2,166,882; July 18.
Housing, Circuit interrupter. H. A. Triplett and A. Ramsey. 2,160,926; June 6.
Housing construction for radio apparatus. E. L. Brown. 2,176,374; Oct. 17.
Housing, Draft-gear. W. C. Hedgcock. 2,160,417; May 30.
Housing, Flexible service tube or hose. W. T. Caldwell. 2,168,951; Aug. 8.
Housing for electrical apparatus, Cabinet type. J. F. Merkel. 2,145,797; Jan. 31.
Housing for electrical switches, Enclosed. R. H. Olley. 2,156,572; May 2.
Housing for flexible members. P. I. Schultz and J. J. Pelouch. 2,184,363; Dec. 26.
Housing for high voltage gaseous tube illumination, Jumper. R. Miller and F. W. Werring. 2,175,155; Oct. 3.
Housing for hand brake mechanism. E. E. Van Cleave. 2,183,417; Dec. 12.
Housing for light-sensitive cell or the like. L. N. Hopkins. 2,182,987; Dec. 12.
Housing for luminous tubes, Terminal. F. E. Montroy. 2,152,558; Mar. 28.
Housing for repeater apparatus. J. J. Gilbert. 2,155,650; Apr. 25.
Housing structure, Beam-type. E. J. W. Ragsdale and A. G. Dean. 2,171,434; Aug. 29.
Housing unit, Combination floor and ceiling. G. G. Greulich. 2,177,036; Oct. 24.
Housing, Window shade. C. Schwarzenbach and H. Demmitt. 2,161,535; June 6.
Housing with telescopic beams. A. Geffon. 2,172,840; Sept. 12.
Housings, Forming axle. J. H. Gettig. 2,145,046; Jan. 24.
Housings, Forming sheet metal coin collector. A. R. MacLagan. 2,150,384; Mar. 14.
Housings, Making axle. R. C. Glover. 2,170,797; Aug. 29.
H_2S and HCN from gases, Removal of. H. A. J. Pieters. 2,169,282; Aug. 15.
Hub, Autogiro rotor. G. S. Schairer. 2,163,893; June 27.
Hub and blade structure, Fan. E. Newnham. 2,183,891; Dec. 19.
Hub cap. F. W. Burger. 2,167,101; July 25.
Hub cap. H. F. Greene, Sr. 2,152,253; Mar. 28.
Hub cap lock. E. N. Jacobi. 2,175,353; Oct. 10.
Hub construction. C. F. Hirshfeld. 2,161,164; June 6.
Hub construction for a film spool. S. M. Tucker. 2,180,023; Nov. 14.
Hub construction for clutch members or the like. E. E. Wemp. 2,176,696; Oct. 17.
Hub construction, Two-piece. H. A. Husted. 2,156,476; May 2.
Hub, Disk chart. P. F. K. Erbguth. 2,159,504; May 23.
Hub for bicycles and the like, Change speed. L. Ribe. 2,143,798; Jan. 10.
Hub for vehicle wheels, Spring-action. G. Galloni and C. Poggi. 2,145,622; Jan. 31.
Hub with coaster brake, Freewheel. W. Jordan. 2,151,324; Mar. 21.
Hull construction, Double planked. A. J. Higgins. 2,163,998; June 27.
Hull for boats and ships. A. A. Scowley. 2,167,688–9; Aug. 1.
Hull of flying or motors boats. A. O. Mattocks. 2,180,250; Nov. 14.
Hull of mechanically propelled vessels. F. G. Pratt. 2,181,463; Nov. 28.
Hull spray reducing construction. W. S. Diehl. 2,162,705; June 20.
Huller, Double action nut. W. C. Anderson. 2,159,307; May 23.
Huller, Walnut. W. E. Formway. 2,161,032; June 6.
Hum reduction in amplifier networks. L. F. Jones. 2,161,418; June 6.
Humidification spray device. W. A. Hubbard. 2,177,111; Oct. 24.
Humidifier. W. S. Burgess, Jr. 2,165,783; July 11.
Humidifier. W. W. Cummings, Jr. 2,170,551; Aug. 22.
Humidifier. J. W. Galloway. 2,144,405; Jan. 17.
Humidifier. R. W. Geisler. 2,171,691; Sept. 5.
Humidifier. C. Jensen. 2,158,543; May 16.
Humidifier. S. K. B. Larsen. 2,179,470; Nov. 7.
Humidifier. E. A. Reid. 2,162,462; June 13.
Humidifier. E. A. Reid. 2,164,083; June 27.
Humidifier. N. Ruby. 2,160,678; May 30.
Humidifier. B. Ruppert. 2,155,805; Apr. 25.
Humidifier. W. H. Sloan. 2,163,474; June 20.
Humidifier. W. J. Woolley. 2,155,070; Apr. 18.
Humidifier. J. G. Zummach. 2,182,836; Dec. 12.
Humidifier for internal combustion engines, Air. W. G. Hardt. 2,153,248; Apr. 4.

Humidifier, Radiator. W. Fader. 2,178,254; Oct. 31.
Humidifying and cooling apparatus. R. A. Robic. 2,152,360; Mar. 28.
Humidifying apparatus. S. Bentley. 2,178,389; Oct. 31.
Humidifying apparatus. G. L. Briggs. 2,181,650; Nov. 28.
Humidifying apparatus. R. E. Daly and B. Goerg. 2,184,094; Dec. 19.
Humidifying apparatus for the treatment of wool yarn. W. H. Wilson. 2,157,975; May 9.
Humidifying system. V. Cano. 2,182,620; Dec. 5.
Humidifying system. O. J. Kuenhold. 2,166,414; July 18.
Humidity control. A. W. De Vout. 2,163,907; June 27.
Humidity control. C. R. Downs and J. W. Spiselman. 2,171,109; Aug. 29.
Humidity control for refrigerated spaces. W. H. Cook. 2,149,990; Mar. 7.
Humidity control method and apparatus. C. R. Downs and J. W. Spiselman. 2,173,802; Sept. 19.
Humidostat, Adjustable. H. R. Grago. 2,166,799; July 18.
Husking device. W. J. Coultas. 2,160,306; May 30.
Hydantoins containing the sterol nucleus. K. Miescher and A. Wettstein. 2,161,928; June 13.
Hydrant stem, Breakable. E. E. Cline. 2,178,929; Nov. 7.
Hydrants or the like, Apparatus for thawing water. J. G. Griffiths. 2,172,082; Sept. 5.
Hydraulic apparatus. G. H. Walker. 2,162,541; June 13.
Hydraulic brake. G. A. Burrow. 2,142,174; Jan. 3.
Hydraulic brake. E. G. Carroll. 2,148,727; Feb. 28.
Hydraulic brake. T. P. Chase. 2,153,076; Apr. 4.
Hydraulic brake. H. D. Geyer. 2,175,433; Oct. 10.
Hydraulic brake. R. L. Gillson. 2,151,198; Mar. 21.
Hydraulic brake. E. F. Loweke. 2,166,724; July 18.
Hydraulic brake. N. R. Lulay. 2,168,959; Aug. 8.
Hydraulic brake. M. L. Masteller. 2,166,962; July 25.
Hydraulic brake. C. P. and G. P. Mayhew. 2,165,564; July 11.
Hydraulic brake. O. Rasmussen. 2,175,445; Oct. 10.
Hydraulic brake. R. C. Rike. 2,175,447; Oct. 10.
Hydraulic brake. B. A. Swennes. 2,164,551; July 4.
Hydraulic brake. H. K. Weihe. 2,150,617; Mar. 14.
Hydraulic brake pump, Compound. M. V. Groves. 2,179,241; Nov. 7.
Hydraulic clutch. J. T. Doty. 2,159,137; May 23.
Hydraulic clutch. L. B. Huthsing. 2,172,975; Sept. 12.
Hydraulic clutch. C. R. Sharar. 2,175,413; Oct. 10.
Hydraulic clutch. J. B. Sinderson. 2,174,344; Sept. 26.
Hydraulic control valve. A. Keel. 2,157,707; May 9.
Hydraulic controlling system. F. V. Brown. 2,154,832; Apr. 18.
Hydraulic coupling. I. C. Popper. 2,179,519; Nov. 14.
Hydraulic coupling. F. B. Yingling. 2,161,398; June 6.
Hydraulic device. M. J. Clark. 2,166,423; July 18.
Hydraulic device. H. Thoma. 2,183,372; Dec. 12.
Hydraulic device. H. Thoma and H. Molly. 2,177,613; Oct. 24.
Hydraulic device for the transmission of power. D. Sensaud de Lavaud. 2,168,862; Aug. 8.
Hydraulic drill column. A. R. Lawrence. 2,159,092; May 23.
Hydraulic drilling jack. J. C. Mason. 2,179,557; Nov. 14.
Hydraulic drive. J. K. Douglas. 2,181,049; Nov. 21.
Hydraulic force pump. J. G. Elmore. 2,164,580; July 4.
Hydraulic four-wheel brake. B. McInnerney. 2,152,074; Mar. 28.
Hydraulic gear. E. Daiber. 2,144,596; Jan. 17.
Hydraulic gear. H. Föttinger. 2,173,713; Sept. 19.
Hydraulic implement. P. J. Robinson. 2,168,496; Aug. 8.
Hydraulic jack. B. S. Lankin. 2,147,535; Feb. 14.
Hydraulic jack. W. J. Liddell and L. C. Morse. 2,170,029; Aug. 22.
Hydraulic jack. E. M. Pfauser. 2,156,543; May 2.
Hydraulic jack. H. R. Rosenberry. 2,145,014; Jan. 24.
Hydraulic jack. H. R. Rosenberry. 2,170,464; Aug. 22.
Hydraulic machine. E. E. Guinness. 2,159,941; May 23.
Hydraulic machine. W. H. Spire. 2,162,132; June 13
Hydraulic machine. G. C. Whisler. 2,161,647; June 6
Hydraulic machine, Propeller type. J. J. Ring. 2,145,805; Jan. 31.
Hydraulic motor. F. B. Hall, F. G. Treat, and H. F. Walton. 2,165,966; July 11.
Hydraulic motor. B. J. Pugh. 2,150,293; Mar. 14.
Hydraulic motor. I. J. Snader and J. F. Hoffer. 2,177,008; Oct. 24.
Hydraulic motor. G. W. Wilkin. 2,163,652; June 27.
Hydraulic operator. G. W. Wardwell, Jr. 2,170,702; Aug. 22.
Hydraulic placer machine. J. R. Coulter. 2,145,753; Jan. 31.
Hydraulic press. R. W. Dinzl. 2,148,543; Feb. 28.
Hydraulic press. R. W. Dinzl. 2,161,804; June 13.
Hydraulic press. R. W. Dinzl. 2,173,086; Sept. 19.
Hydraulic press. E. D. Eby and T. C. Aitchison. 2,180,979; Nov. 21.
Hydraulic press. P. Hollstein. 2,157,539; May 9.
Hydraulic press, Double-acting. W. Ernst. 2,184,638; Dec. 26.
Hydraulic pressure and flow controller. B. Brownstein. 2,172,901; Sept. 12.
Hydraulic pressure multiplying mechanism. H. E. Page. 2,154,956; Apr. 18.
Hydraulic pump. C. D. Hathcock. 2,154,331; Apr. 11.
Hydraulic pump. J. Paul. 2,143,208; Jan. 10.
Hydraulic pumping jack. H. M. Salentine. 2,157,219; May 9.
Hydraulic release for well bottoms. R. N. Bean. 2,155,382; Apr. 25.
Hydraulic servo system. S. C. Atkins and H. E. Scofield. 2,158,558; May 16.
Hydraulic setting tool, Bottom connection. R. N. Bean, C. Block, and L. A. Layne. 2,155,381; Apr. 25.
Hydraulic shock absorber valve. C. W. Gerhardt. 2,184,184; Dec. 19.
Hydraulic steering gear. G. W. Hardy. 2,178,073; Oct. 31.
Hydraulic supply of rotating systems. A. Kégresse. 2,163,203; June 20.
Hydraulic system. G. S. Allin. 2,145,384; Jan. 31.
Hydraulic system. R. L. Ellis. 2,145,540; Jan. 31.
Hydraulic system. R. S. Quick and G. A. Buehle. 2,178,123; Oct. 31.
Hydraulic system and fluid control device therefor. J. J. Low. 2,185,015; Dec. 26.
Hydraulic system for boring machines and the like. W. D. Schmidt. 2,174,044; Sept. 26.
Hydraulic transmission. E. K. Benedek. 2,163,079; June 20.
Hydraulic transmission. R. W. Emerson. 2,177,210; Oct. 24.
Hydraulic transmission. M. C. Perkins. 2,175,970; Oct. 10.
Hydraulic transmission. G. Pittman. 2,162,315; June 13.
Hydraulic transmission gear. H. Föttinger. 2,159,143; May 23.
Hydraulic transmission system. C. A. de Giers. 2,177,058; Oct. 24.
Hydraulic valve. S. J. Nordstrom. 2,176,594; Oct. 17.
Hydraulic vane motor. H. Horlacher. 2,164,876; July 4.
Hydraulic water and oil pump. D. W. and D. C. Richards. 2,162,748; June 20.
Hydrocarbon burner. J. L. Breese. 2,179,142; Nov. 7.
Hydrocarbon composition. R. Rosen. 2,181,913; Dec. 5.
Hydrocarbon composition. R. Rosen. 2,181,915; Dec. 5.
Hydrocarbon compounds containing sulphur, Manufacture of. L. H. Clark and C. W. Deibel. 2,147,400; Feb. 14.
Hydrocarbon compounds, Stabilization of. C. H. Fisher. 2,176,883; Oct. 24.
Hydrocarbons containing fluorine, Preparing halogenated acyclic. R. A. Dunphy. 2,146,725; Feb. 14.
Hydrocarbon conversion. W. O. Mitscherling. 2,150,657; Mar. 14.
Hydrocarbon distillates, Refining. W. C. Ault and C. A. Hochwalt. 2,162,992; June 20.
Hydrocarbon distillates, Refining liquid. W. C. Ault and C. A. Hochwalt. 2,174,908; Oct. 3.
Hydrocarbon distillates, Sweetening. V. W. Wilson. 2,181,037; Nov. 21.
Hydrocarbon distillates, Treating. V. W. Wilson. 2,181,036; Nov. 21.
Hydrocarbon material, Process and apparatus for treating. L. Clark, Jr. 2,176,453; Oct. 17.
Hydrocarbon mixtures, Alkylated chloro-aromatic. R. R. Dreisbach. 2,174,069; Sept. 26.
Hydrocarbon product, Making a solid bituminous. T. W. Pfirrmann. 2,167,250; July 25.
Hydrocarbon products by thermal treatment of materials containing carbon, Production of. M. Pier, W. Simon, R. Becker, and F. Stoewener. 2,170,976; Aug. 29.
Hydrocarbon products, Production of valuable. M. Pier, W. Simon, and A. Eisenhut. 2,177,376; Oct. 24.
Hydrocarbon products, Treating. H. M. Steininger. 2,144,276; Jan. 17.
Hydrocarbon tar-like products, Processing of. C. A. Thomas and F. L. Taylor. 2,150,641; Mar. 14.
Hydrocarbon treatment. H. B. Cooke and M. R. Mandelbaum. 2,172,436; Sept. 12.
Hydrocarbon vapors of centrifuged oil, Apparatus for conserving low boiling. H. O. Lindgren. 2,172,513; Sept. 12.
Hydrocarbon vapors with zinc chloride, Contacting. F. E. Kimball. 2,171,033; Aug. 29.
Hydrocarbons and making same, Thiocarbonated-chloraliphatic. H. G. Berger, R. C. Moran, and F. M. Seger. 2,163,535; June 20.
Hydrocarbons and preparing the same, Cyclic substituted dichlorinated aliphatic. A. W. Ralston and C. W. Christensen. 2,162,970; June 20.
Hydrocarbons and their derivatives containing oxygen, Production of valuable. F. Duftschmid, E. Linckh, and F. Winkler. 2,159,077; May 23.
Hydrocarbons and their derivatives containing oxygen, Production of valuable. W. Michael. 2,183,146; Dec. 12.
Hydrocarbons, Apparatus for converting. M. P. Youker. 2,150,090; Mar. 7.
Hydrocarbons, Apparatus for the production of gaseous unsaturated. W. Baumann and O. Hemmann. 2,164,762; July 4.
Hydrocarbons, Catalytic alkylation of aromatic. H. S. Taylor. 2,168,590; Aug. 8.
Hydrocarbons, Catalytic dehydrogenation of. A. V. Grosse. 2,172,534; Sept. 12.

Hydrocarbons, Concentrating. F. E. Frey. 2,159,434; May 23.
Hydrocarbons, Connecting. H. C. Schutt. 2,157,220; May 9.
Hydrocarbons, Conversion of. H. V. Atwell. 2,145,576; Jan. 31.
Hydrocarbons, Conversion of. H. V. Atwell. 2,165,526; July 11.
Hydrocarbons, Conversion of. E. G. Borden. 2,163,867; June 27.
Hydrocarbons, Conversion of. T. Cross, Jr. 2,166,544; July 18.
Hydrocarbons, Conversion of. A. V. Grosse and J. C. Morrell. 2,157,204; May 9.
Hydrocarbons, Conversion of. L. C. Huff. 2,177,829; Oct. 31.
Hydrocarbons, Conversion of. P. C. Keith, Jr., G. W. Robinson, and G. Roberts, Jr. 2,181,302; Nov. 28.
Hydrocarbons, Conversion of. J. C. Morrell and A. V. Grosse. 2,157,940–1; May 9.
Hydrocarbons, Conversion of. E. F. Nelson. 2,170,275; Aug. 22.
Hydrocarbons, Conversion of. R. F. Ruthruff. 2,160,288; May 30.
Hydrocarbons, Conversion of. H. Tropsch. Re. 21,073; May 2.
Hydrocarbons, Conversion of. R. F. Trow. 2,185,162; Dec. 26.
Hydrocarbons, Conversion of gaseous. H. V. Atwell. 2,178,824; Nov. 7.
Hydrocarbons, Conversion of gaseous. P. H. Sullivan. 2,173,456; Sept. 19.
Hydrocarbons, Converting. H. V. Atwell. 2,146,667; Feb. 7.
Hydrocarbons, Converting. K. Finsterbusch, 2,171,522; Sept. 5.
Hydrocarbons, Converting. V. Voorhees. 2,160,239; May 30.
Hydrocarbons. Converting gaseous. F. E. Frey. 2,180,672; Nov. 21.
Hydrocarbons, Cracking. E. G. Borden. 2,147,399; Feb. 14.
Hydrocarbons, Cracking. H. L. Pelzer. 2,165,725; July 11.
Hydrocarbons, Dehydrogenation of. J. C. Morrell and A. V. Grosse. 2,148,129; Feb. 21.
Hydrocarbons, Dehydrogenation of. A. V. Grosse. 2,157,202; May 9.
Hydrocarbons, Dehydrogenation of. A. V. Grosse and J. M. Mavity. 2,157,203; May 9.
Hydrocarbons, Dehydrogenation of. J. C. Morrell. 2,157,939; May 9.
Hydrocarbons, Dehydrogenation of. J. C. Morrell and A. V. Grosse. 2,152,908; Apr. 4.
Hydrocarbons, Dehydrogenation of. W. J. Sweeney and W. E. Spicer. 2,161,984; June 13.
Hydrocarbons, Dehydrogenation of paraffin. H. Tropsch. 2,148,140; Feb. 21.
Hydrocarbons, Dehydration of saturated. H. M. Guinot. 2,162,011; June 13.
Hydrocarbons, Desulphurization of. T. W. Rosebaugh. 2,146,353; Feb. 7.
Hydrocarbons for conversion, Preparation of. A. G. Peterkin. 2,166,177; July 18.
Hydrocarbons for the production of liquid aromatic hydrocarbons, Treatment of gaseous. R. M. Isham and M. R. Ryan. 2,158,582; May 16.
Hydrocarbons from carbon monoxide and hydrogen, Production of. J. Eckell and G. Ritter. 2,159,140; May 23.
Hydrocarbons from olefines, Production of higher boiling. R. M. Deanesly, E. C. Williams, and L. V. Steck. 2,142,937; Jan. 3.
Hydrocarbons from vacuum distillation of fish oil. J. G. Baxter. 2,169,192; Aug. 8.
Hydrocarbons from well fluids, Recovery of liquid. G. S. Bays. 2,156,234; Apr. 25.
Hydrocarbons, Hydrogenating aromatic. C. B. Wooster. 2,182,242; Dec. 5.
Hydrocarbons, Hydrogenation of cyclic. W. J. Sweeney. 2,167,339; July 25.
Hydrocarbons, Increasing yield in the catalytic synthesis of aliphatic. F. Fischer. 2,149,515; Mar. 7.
Hydrocarbons into gasoline, Converting normally gaseous. F. E. Frey. 2,170,367; Aug. 22.
Hydrocarbons, Manufacture of chlorinated. W. W. Moyer. 2,152,357; Mar. 28.
Hydrocarbons, Manufacture of gasolinelike. H. B. Cooke. 2,154,064; Apr. 11.
Hydrocarbons, Manufacture of light. H. G. Berger. 2,143,050; Jan. 10.
Hydrocarbons, Manufacturing liquid. J. R. Rose. 2,173,374–5; Sept. 19.
Hydrocarbons, Oxidation of. E. Keunecke and R. Werner. 2,146,018; Feb. 7.
Hydrocarbons, Polymerization of gaseous. L. G. Story. 2,142,969; Jan. 3.
Hydrocarbons, Polymerization of unsaturated. E. Keunecke and W. Muench. 2,173,482; Sept. 19.
Hydrocarbons, Process and products relating to production of valuable. R. M. Deanesly and A. Wachter. 2,181,640; Nov. 28.
Hydrocarbons, Producing. W. Michael and W. Jaeckh. 2,183,145; Dec. 12.
Hydrocarbons, Producing light. R. M. Isham. 2,168,261; Aug. 1.
Hydrocarbons, Production of. M. Pier, W. Michael, and W. Jaeckh. 2,167,004; July 25.
Hydrocarbons, Production of dinitro derivatives of saturated non-benzenoid. H. B. Hass and L. W. Seigle. 2,181,531; Nov. 28.
Hydrocarbons, Production of liquid. H. Haeuber and J. Hirschbeck. 2,159,148; May 23.
Hydrocarbons, Production of liquid. M. Pier. 2,179,829; Nov. 14.
Hydrocarbons, Production of liquid saturated. E. E. Stahly and E. M. Hattoc. 2,180,374; Nov. 21.
Hydrocarbons, Production of valuable liquid. M. Pier, W. Simon, and E. Donath. 2,149,900; Mar. 7.
Hydrocarbons, Purification of aromatic. H. M. Smith, P. Grandone, and H. T. Rall. 2,143,036; Jan. 10.
Hydrocarbons, Purification of chlorinated aliphatic. J. H. Reilly. 2,183,046; Dec. 12.
Hydrocarbons, Purification of halogenated. A. F. Benning, R. C. McHarness, and R. G. Hartig. 2,149,039; Feb. 28.
Hydrocarbons, Reacting aromatic. C. F. Reed. 2,174,111; Sept. 26.
Hydrocarbons, Recovery of gasoline. D. G. Brandt. 2,169,959; Aug. 15.
Hydrocarbons, Resinification of oxidized terpene. J. H. James. 2,180,418; Nov. 21.
Hydrocarbons, Saponification of oxidized. F. J. Ewing. 2,153,302; Apr. 4.
Hydrocarbons, Stabilizing halogenated. I. E. Muskat and L. King. 2,178,695; Nov. 7.
Hydrocarbons such as benzol or crude oils, Refinement of. G. Rühl. 2,175,619; Oct. 10.
Hydrocarbons suitable for motor fuel, Producing. C. C. Chaffee. 2,158,353; May 16.
Hydrocarbons, Thermal treatment of. H. Haeuber and F. Winkler. 2,147,838; Feb. 21.
Hydrocarbons to cyclic hydrocarbons, Conversion of acyclic. A. V. Grosse and J. C. Morrell. 2,172,535; Sept. 12.
Hydrocarbons to liquid, Conversion of gaseous. R. F. Ruthruff. 2,160,287; May 30.
Hydrocarbons, Treating. H. V. Atwell. 2,160,774; May 30.
Hydrocarbons, Treating. A. H. Boultbee. 2,143,472; Jan. 10.
Hydrocarbons, Treating. C. E. Francis. 2,148,292; Feb. 21.
Hydrocarbons, Treating. W. A. Schulze. 2,162,319; June 13.
Hydrocarbons, Treating colloidal. E. Slatineanu. 2,151,167; Mar. 21.
Hydrocarbons, Treatment of. H. V. Atwell. 2,149,493; Mar. 7
Hydrocarbons, Treatment of. P. O. Dunham. 2,172,276; Sept. 5.
Hydrocarbons, Treatment of. J. L. Farrell and G. A. Ibach. 2,162,300; June 13.
Hydrocarbons, Treatment of. C. G. Gerhold. 2,165,631; July 11.
Hydrocarbons, Treatment of. V. Ipatieff and H. Pines. 2,170,306; Aug. 22.
Hydrocarbons, Treatment of. V. Ipatieff and H. Pines. 2,174,883; Oct. 3.
Hydrocarbons, Treatment of. W. E. Kuhn. 2,178,838; Nov. 7.
Hydrocarbons, Treatment of. W. A. Myers. 2,150,183; Mar. 14.
Hydrocarbons, Treatment of. W. A. Schulze. 2,151,721; Mar. 28.
Hydrocarbons, Treatment of. W. A. Schulze. 2,183,591; Dec. 19.
Hydrocarbons, Treatment of. R. D. Snow. 2,163,858; June 27.
Hydrocarbons, Treatment of gaseous paraffin. J. C. Morrell. 2,169,809; Aug. 15.
Hydrocarbons, Treatment of olefin. E. F. Nelson. 2,176,354; Oct. 17.
Hydrocarbons with chlorine and sulphur dioxide and products thereof, Reacting alicyclic. A. L. Fox. 2,174,506; Sept. 26.
Hydrocarbons with sulphur dioxide and chlorine, Treatment of. C. F. Reed. Re. 20,968; Jan. 3.
Hydrocolloid composition and method of making, Plastic. J. W. H. Stangenberg, W. S. Crowell, and C. V. Gross. 2,165,680; July 11.
Hydroextractor. F. W. Gerard and R. C. Collins. 2,164,174; June 27.
Hydrogen by the high pressure iron process, Production of. W. H. Marshall, Jr. 2,182,747; Dec. 5.
Hydrogen-cooled machine with gland seals. C. C. Sterrett. 2,159,057; May 23.
Hydrogen-nitrogen mixtures, Apparatus for producing. H. D. Erasmus. 2,178,833; Nov. 7.
Hydrogen peroxide from barium dioxide and phosphoric acid, Manufacture of. I. Budowski. 2,153,658; Apr. 11.
Hydrogen peroxide from solutions. Producing. H. Schmidt. 2,169,128; Aug. 8.
Hydrogen peroxide, Making. L. H. Dawsey. 2,162,996; June 20.
Hydrogen peroxide, Manufacture of. J. C. Michalek and E. C. Soule. 2,144,341; Jan. 17.

Hydrogen peroxide, Manufacture of. J. C. Michalek and E. C. Soule. 2,178,640; Nov. 7.
Hydrogen peroxide, Production of. H.-J. Riedl and G. Pfleiderer. 2,158,525; May 16.
Hydrogen peroxide, Production of. J. A. L. van der Lande. 2,163,898; June 27.
Hydrogen peroxide solutions, Production of highly concentrated. H. Schmidt. 2,178,496; Oct. 31.
Hydrogen, Producing. L. G. Jenness. 2,164,292; June 27.
Hydrogen, Production of. F. von Kahler. 2,147,780; Feb. 21.
Hydrogen sulphide and hydrocyanic acid and of readily volatile liquids from gases, Removal of. H. Baehr, W. Wenzel, and H. Mengdehl. 2,161,663; June 6.
Hydrogenation ion meter. D. H. Cameron. 2,181,866; Dec. 5.
Hydrogenation process. R. J. Byrkit, Jr. 2,155,036; Apr. 18.
Hydrogenation process. R. J. Byrkit, Jr. 2,174,651; Oct. 3.
Hydrogenation, Process of. L. G. Jenness. 2,163,603; June 27.
Hydrometer. E. Johnson. 2,162,020; June 13.
Hydrometer. C. E. Linebarger. 2,168,353; Aug. 8.
Hydrometer. C. Nurnberg. 2,180,995; Nov. 21.
Hydrometer attachment for motor propelled vehicles. S. W. Rothenberger and W. E. and D. A. Cornman. 2,147,500; Feb. 14.
Hydromotor. G. C. Michaelson and C. R. Davis. 2,171,732; Sept. 5.
Hydrophobic properties to cellulose fibers, Imparting. F. E. Hubert, E. Heisenberg, A. Steindorff, and L. Orthner. 2,165,265; July 11.
Hydroplane hull. E. W. Easthope. 2,151,958; Mar. 28.
Hydropneumatic jack. J. S. Frechette. 2,165,095; July 4.
Hydrostabilizer for airplanes, Retractable. R. J. Minshall and E. C. Wells. 2,153,266; Apr. 4.
Hydrostatic brake. C. Sauzedde. 2,167,683; Aug. 1.
Hydrostatic brake. C. Sauzedde. 2,176,927; Oct. 24.
Hydroxy alkylamines and making same, Acid substituted. W. Kritchevsky. 2,173,058; Sept. 12.
Hydroxy-amines, Higher alkyl. P. J. Gaylor. 2,160,138; May 30.
Hydroxybenzocarbazole compounds. W. Broeg and H. Morschell. 2,161,697; June 6.
Hydroxy compounds and products obtained therefrom, Dehydrogenation of secondary. B. W. Howk and W. A. Lazier. 2,173,114; Sept. 19.
Hydroxylamine and mandelic acid, Making. C. Ellis. 2,146,060; Feb. 7.
Hydroxy propanone, Preparation of. R. W. McNamee and C. M. Blair. 2,143,383; Jan. 10.
Hygrometer. J. G. Callan, Jr. 2,177,558; Oct. 24.
Hygrometer, Electric. W. F. Alder. 2,177,630; Oct. 31.
Hygrothermostat. M. O. Snediker. 2,164,434; July 4.
Hyperextension frame. C. H. Ford. 2,152,734; Apr. 4.
Hypochlorite solutions and method therefor, Stabilized. L. J. Barton. 2,170,108; Aug. 22.
Hypochlorites, Preparation of. I. E. Muskat and G. H. Cady. 2,157,558; May 9.
Hypochlorites, Preparing. I. E. Muskat and G. H. Cady. 2,157,559; May 9.
Hypodermic-injection apparatus. E. S. Paisley and A. F. Peters. 2,168,270; Aug. 1.
Hypophysis, Preparing active extracts of the anterior lobes of the. C. L. Lautenschlager and W. Ludwig. 2,146,682; Feb. 7.
Hysteresis torque motor. W. J. Morrill. 2,183,404; Dec. 12.
I-beam. H. A. Faber. 2,142,637; Jan. 3.
Ice accumulation, Apparatus for preventing. M. L. Taylor. 2,168,008; Aug. 1.
Ice and the like bag. J. Shapiro. 2,173,288; Sept. 19.
Ice, Apparatus and process for producing. H. Tietz. 2,142,386; Jan. 3.
Ice, Apparatus for freezing. G. Muffly. 2,145,774; Jan. 31.
Ice breaker. T. J. Fegley and G. O. Leopold. 2,174,461; Sept. 26.
Ice-breaker and road scarifying and leveling device, Combination. F. S. and F. H. Beach. 2,172,785; Sept. 12.
Ice bunker. H. A. Glenn. 2,145,080; Jan. 24.
Ice bunker, Collapsible. G. P. Torburn. 2,160,993; June 6.
Ice cap. R. G. Culp. 2,158,571; May 16.
Ice chipping device. J. J. Shively. 2,181,000; Nov. 21.
Ice color producing compositions, Stable. H. Z. Lecher and H. P. Orem. 2,185,153; Dec. 26.
Ice cream and similar substances, Apparatus for forming refrigerating, and harvesting multiflavored. N. M. Thomas. 2,172,182; Sept. 5.
Ice cream and the like, Dispensing. T. S. Elliott, Sr. 2,148,451; Feb. 28.
Ice cream cone. F. W. Turnbull. 2,155,106; Apr. 18.
Ice cream cone packing container. A. Levy. 2,142,567; Jan. 3.
Ice cream confection apparatus. E. M. Walker. 2,182,713; Dec. 5.
Ice cream container, Flat bottom. T. D. Currie. 2,150,207; Mar. 14.
Ice cream, Device for dispensing. A. S. Mackey. 2,168,737; Aug. 8.
Ice cream disher. H. C. Gessler. 2,160,585; May 30.
Ice cream dispenser. I. L. and A. O. Clave. 2,154,806; Apr. 18.
Ice cream dispensing instrument. J. L. Taggart. 2,176,752; Oct. 17.
Ice cream machine. C. Alexandrou. 2,142,879; Jan. 3.
Ice cream manufacturing apparatus. A. C. Routh. Re. 20,987; Jan. 24.
Ice cream mold. S. Bucher. 2,169,485; Aug. 15.
Ice cream sundae. W. H. Frederickson. 2,159,761; May 23.
Ice creeper. E. A. Castetter. 2,163,512; June 20.
Ice creeper. C. J. Derwing. 2,183,988; Dec. 19.
Ice creeper. W. Janssen. 2,143,319; Jan. 10.
Ice creeper. P. J. Klitsch. 2,162,175; June 13.
Ice creeper. W. Petruzates. 2,182,737; Dec. 5.
Ice creeper. A. Pikulik. 2,183,246; Dec. 12.
Ice creeper. E. Prondecki. 2,155,979; Apr. 25.
Ice creeper. E. D. Witmer. 2,171,618; Sept. 5.
Ice creeper for automobile tires. E. W. Grenert. 2,144,878; Jan. 24.
Ice crystals in refrigerants, Preventing formation of. W. O. Walker and W. R. Rinelli. 2,163,899–900; June 27.
Ice cube making machine. J. A. Barr. 2,169,133; Aug. 8.
Ice cubing machine. D. G. Campbell. 2,171,264; Aug. 29.
Ice cubing machine. H. C. Sheldon and W. H. Towne. 2,153,438; Apr. 4.
Ice cutting apparatus. C. W. Ayers. 2,156,832; May 2.
Ice forming conditions, particularly when encountered by aircraft, Detecting. T. W. Langley. 2,171,450; Aug. 29.
Ice inhibiting assembly for airplanes. E. B. Benson. 2,161,242; June 6.
Ice, Manufacture of clear. J. Fuss. 2,149,912; Mar. 7.
Ice, Method and apparatus for making dry. J. Kobold. 2,153,629; Apr. 11.
Ice, Method of and apparatus for cubing. W. C. Pfeil. 2,165,573; July 11.
Ice, Method of and apparatus for making. L. N. Udell. 2,149,000; Feb. 28.
Ice pack. J. D. Bates. 2,152,019; Mar. 28.
Ice pack. J. D. Bates. 2,174,455; Sept. 26.
Ice removal, Automatic. K. S. Tyler. 2,159,186; May 23.
Ice removing device. J. R. Royer, A. W. Blaine, and L. R. Weir. 2,156,066; Apr. 25.
Ice shaving machine. A. A. Jungbecker. 2,145,421; Jan. 31.
Ice-surfacing mechanism. A. O. Strand and C. E. Tupper. 2,174,250; Sept. 26.
Icing, Preparing. J. Areiter. 2,152,170; Mar. 28.
Identification device. C. O. Roose. 2,154,959; Apr. 18.
Identification device. C. O. Roose. 2,171,713; Sept. 5.
Idler. A. Zofrey. 2,177,921; Oct. 31.
Idler and take-up, Automatic. J. A. Webb. 2,167,963; Aug. 1.
Idler, Belt conveyer. C. R. Weiss and R. W. Parker. 2,169,624–5; Aug. 15.
Igniter, Automatic. A. P. Kunowich. 2,150,687; Mar. 14.
Igniter coil manufacture. H. W. Bilger and K. T. Kessel. 2,157,050; May 2.
Igniter-excitation for ignitron systems. J. Slepian. 2,175,925; Oct. 10.
Igniter for gas burners. R. L. Swartz. 2,146,660; Feb. 7.
Igniter for gas burners, Electric. L. W. Beebe. 2,155,524; Apr. 25.
Igniter, Gas burner. J. H. G. Horstmann. 2,1[illegible]896; Feb. 14.
Igniter with liquid fuel. W. Voss. 2,166,881; July 18.
Igniting mechanism for gas burners. N. T. Branche. 2,150,415; Mar. 14.
Ignition apparatus. J. L. Arthur and H. A. G. Boller. 2,184,789; Dec. 26.
Ignition apparatus. E. B. Nowosielski. 2,150,724; Mar. 14.
Ignition apparatus. E. B. Nowosielski. 2,150,726–8; Mar. 14.
Ignition apparatus. W. Walther and W. Hirsch. 2,160,241; May 30.
Ignition apparatus for internal combustion engines. W. J. Spengler. 2,167,694; Aug. 1.
Ignition apparatus for internal combustion engines, Electrical. F. R. F. Ramsay. 2,173,766; Sept. 19.
Ignition booster system with automatic starting control, Automotive. E. A. McMurtry. 2,158,634; May 16.
Ignition cable. M. F. Peters. 2,151,715; Mar. 28.
Ignition composition. L. A. Burrows. 2,173,271; Sept. 19.
Ignition composition. L. A. Burrows and W. F. Filbert. 2,175,249; Oct. 10.
Ignition control apparatus. J. T. Fitzsimmons, H. L. Hartzell, and E. M. Claytor. 2,159,968; May 30.
Ignition control for motor vehicles. M. K. Golden. 2,151,639; Mar. 21.
Ignition control system. F. C. Pezzolo. 2,142,082; Jan. 3.
Ignition controller for internal combustion engines, Automatic. T. W. Bryant. Re. 21,206; Sept. 19.
Ignition cut-off, Automatic. W. J. Saling. 2,152,097; Mar. 28.
Ignition device for engines. B. Svistounoff. 2,167,269; July 25.
Ignition device for gas burners, Catalytic. A. B. Densham. 2,163,395; June 20.
Ignition device for internal combustion engines. R. P. Lansing and J. W. Allen. 2,163,843; June 27.

Ignition device, Gas burner. F. A. Wegener. 2,148,386; Feb. 21.
Ignition distributor. J. L. Arthur. 2,176,164; Oct. 17.
Ignition distributor. R. H. Gibson. 2,161,251; June 6.
Ignition harness. H. C. Hill. 2,183,020; Dec. 12.
Ignition, Internal combustion engine. M. F. Peters and R. H. Stone. 2,173,539; Sept. 19.
Ignition interrupter, Electric. W. D. Crocker. 2,148,424; Feb. 28.
Ignition lag control. C. C. Moore, Jr. 2,146,265; Feb. 7.
Ignition lead. R. H. Stone. 2,143,231; Jan. 10.
Ignition manifold cable. E. A. Robertson. 2,166,420; July 18.
Ignition mechanism. R. M. Heintz. 2,159,150; May 23.
Ignition set, Double point. J. T. Greene. 2,147,198; Feb. 14.
Ignition system. W. L. Carlson. 2,180,794; Nov. 21.
Ignition system. F. J. Hooven. 2,180,358; Nov. 21.
Ignition system. A. A. Linsell. 2,161,302; June 6.
Ignition system. J. Yolles. 2,161,605; June 6.
Ignition system and apparatus. J. A. Doran. 2,173,828; Sept. 26.
Ignition system and cut-off. B. L. Matthews and J. T. Marvin. 2,155,976; Apr. 25.
Ignition system, Door controlled. R. J. Courcier, Sr. 2,182,426; Dec. 5.
Ignition system, Electric. L. P. Kongsted. 2,149,397; Mar. 7.
Ignition system for internal combustion engines. M. F. Peters and G. F. Blackburn. 2,184,315; Dec. 26.
Ignition system for internal combustion engines, Double. L. Torriani. 2,150,996; Mar. 21.
Ignition system with stabilizer. D. W. Randolph and R. H. Mitchel. 2,164,472; July 4.
Ignition systems, Mechanism for testing. A. C. Muller. 2,184,124; Dec. 19.
Ignition unit, Emergency. L. Kilborn. 2,152,650; Apr. 4.
Ignitron, Gas-filled. J. Slepian. 2,175,924; Oct. 10.
Ignitron, High voltage. H. Klemperer. 2,144,496; Jan. 17.
Illuminated hand tool. A. L. Stowell. 2,158,970; May 16.
Illuminated screen. W. and M. Schwartz. 2,151,236; Mar. 21.
Illuminated sign. C. W. Brady and R. J. Robinson. 2,165,835; July 11.
Illuminated sign. G. H. Evans. 2,177,641; Oct. 31.
Illuminated sign. J. A. Howenstine. 2,165,550; July 11.
Illuminated sign. L. L. Lauve, Jr. 2,167,660; Aug. 1.
Illuminated sign. L. L. Lauve, Jr. 2,168,223; Aug. 1.
Illuminated sign. E. Lowinger. 2,155,904; Apr. 25.
Illuminated sign. O. E. Mutti. 2,158,195; May 16.
Illuminated sign. J. Penoyer. 2,173,371; Sept. 19.
Illuminated sign. H. Schulze-Alsen. 2,146,856; Feb. 14.
Illuminated sign, Interchangeable. C. J. Wanner. 2,163,298; June 20.
Illuminated structure. S. B. Kirby, Jr. 2,157,264; May 9.
Illuminating and advertising device for showcases. J. T. Putnam and E. G. Shure. 2,163,562; June 20.
Illuminating and safety lamp. D. Anglada. 2,151,179; Mar. 21.
Illuminating apparatus for ovens or the like. C. J. Grayson. 2,164,239; June 27.
Illuminating device. M. C. Harley. 2,148,198; Feb. 21.
Illuminating device. R. L. Hohl. 2,166,149; July 18.
Illuminating device. R. L. Hohl. 2,182,434; Dec. 5.
Illuminating device. E. Rambusch and V. G. Anderson. 2,179,161; Nov. 7.
Illuminating device. W. B. Schulte. 2,156,462–3; May 2.
Illuminating device. J. S. Zook. 2,156,443; May 2.
Illuminating device and reflector therefor. J. J. Wompey. 2,175,072; Oct. 3.
Illuminating device, Fluorescent. G. T. Schmidling. 2,143,527; Jan. 10.
Illuminating device for pocketbooks or like receptacles. O. Hallbauer. 2,179,214; Nov. 7.
Illuminating device for projectors. H. Schering and A. Nerz. 2,183,249; Dec. 12.
Illuminating means for signs and show cases. F. J. Hoke. 2,183,352; Dec. 12.
Illuminating system. C. I. Stanton and E. O. Seaquist. 2,147,679; Feb. 21.
Illuminating system, Decorative. E. C. Hanson. 2,181,889; Dec. 5.
Illuminating system for automotive vehicles employing polarized light. E. H. Land. 2,185,000; Dec. 26.
Illumination. H. Deschere. 2,163,272–3; June 20.
Illumination. W. Harrison. 2,156,087; Apr. 25.
Illumination control system. J. C. Batchelor. 2,148,007; Feb. 21.
Illumination intensity control system. R. B. Hunter. 2,177,488; Oct. 24.
Illumination into mechanical actions, Apparatus for translating variations of. C. Chilowsky. 2,150,050; Mar. 7.
Illumination switch. H. Geffcken and H. Richter. 2,155,224; Apr. 18.
Illuminator. J. H. Graff. 2,144,653; Jan. 24 .
Illuminator, Automatic dial. M. J. Gerrells. 2,147,944; Feb. 21.
Illuminator, Broad-tape. A. D. Eitzen. 2,170,133; Aug. 22.
Illuminator, Dark field. R. M. Shipley, Jr. 2,157,437; May 9.
Illuminator, Keyhole. H. E. Babb. 2,176,662; Oct. 17.
Illuminator, Rifle front sight. H. B. Searcy. 2,158,915; May 16.
Imadazolines containing at least 10 carbon atoms, Manufacture of. E. Waldmann and A. Chwala. 2,155,877–8; Apr. 25.
Image converter, Photoelectric. J. Kessler. 2,142,609; Jan. 3.
Image dissector tube. M. Ploke. 2,160,672; May 30.
Image elimination receiver. M. G. Crosby. 2,150,115; Mar. 7.
Image intensifier, Optical. E. Busse. 2,177,360; Oct. 24.
Image-observing device, Variable. L. G. Simjian. 2,161,263; June 6.
Image optical system, Multiple. R. Thomas. 2,152,224; Mar. 28.
Image, Producing an incandescent. P. T. Farnsworth and B. C. Gardner. 2,179,086; Nov. 7.
Image projection cabinet. H. G. Evans and B. J. Kleerup. 2,159,614; May 23.
Image projection device. B. J. Kleerup. 2,159,616; May 23.
Image reproduction. W. D. Coolidge. 2,158,853; May 16.
Image transmission, Electrical. F. C. P. Henroteau. 2,164,520; July 4.
Image transmission, Electronic. E. Brüche and W. Schaffernicht. 2,172,726; Sept. 12.
Image transmitting and receiving system. K. R. Hoyt. 2,176,136; Oct. 17.
Images, Method of and material for producing multicolor. B. Gáspár. 2,166,049; July 11.
Images of one-shot films, Apparatus for reproducing congruent. J. Gallaher. 2,147,434; Feb. 14.
Images, Producing incandescent. P. T. Farnsworth and H. S. Bamford. 2,155,478; Apr. 25.
Images, Production of. P. Selényi. 2,143,214; Jan. 10.
Imidazolines. A. Sonn. 2,149,473; Mar. 7.
Imidazolines. A. Sonn. 2,161,938; June 13.
Imidazolines, Preparing. G. Kränzlein, H. Bestian, and W. Schnurr. 2,176,843; Oct. 17.
Imides of substituted acrylix acids, Preparation of resinous. G. D. Graves. 2,146,209; Feb. 7.
Imino-amino-methane-sulphinic acid, Manufacture of. E. Havas. 2,150,921; Mar. 21.
Immersion apparatus, Automatic. E. C. Weiskopf. 2,157,875; May 9.
Immersion heater. W. H. Brandt. 2,154,261; Apr. 11.
Immersion heater. J. D. Morgan. 2,146,402; Feb. 7.
Impact indicator. M. A. L. Perrey. 2,163,847; June 27.
Impact member and making the same, Auxiliary. G. A. Lyon. 2,168,358; Aug. 8.
Impact member, Auxiliary. G. A. Lyon. 2,168,357; Aug. 8.
Impact member, Auxiliary. G. A. Lyon. 2,182,898; Dec. 12.
Impact members, Making auxiliary. G. A. Lyon. 2,168,355; Aug. 8.
Impact press. L. K. Davis. 2,145,714; Jan. 31.
Impact tool. R. H. Pott. 2,158,303; May 16.
Impact wrench. F. A. Jimerson and H. C. Reynolds. 2,160,150; May 30.
Impedance, Method and apparatus for measuring. S. M. Bagno and A. Barnett. 2,184,511; Dec. 26.
Impedance network, System for balancing an. D. G. C. Luck and E. D. Cook. 2,147,746; Feb. 21.
Impedance unit. J. C. Batchelor. 2,147,138; Feb. 14.
Impedances, Method and apparatus for measuring non linear. M. A. Logan. 2,162,894; June 20.
Impeller. W. van Rijswijk. 2,164,020; June 27.
Impeller for wind-driven power apparatus. G. H. Albers. 2,161,444; June 6.
Impeller, Oscillating fluid. S. P. Nemeth. 2,143,024; Jan. 10.
Impeller positioning device for turbine pumps, Electrical. J. M. Hait. 2,166,404; July 18.
Implement. J. Morkoski. 2,172,985; Sept. 12.
Implement for root pruning and lifting seedlings. J. D. Greener. 2,173,742; Sept. 19.
Implement for topping of beets. M. J. Liuhto. 2,167,244; July 25.
Implement frame adjusting device. M. Ronning. 2,153,593; Apr. 11.
Implement handle. W. Steinen. 2,151,449; Mar. 21.
Implement holder. R. J. Hannan. 2,184,667; Dec. 26.
Implement holder, Wrist-carried. F. H. Beyer. 2,176,052; Oct. 17.
Implement lifting mechanism.. J. Morkoski. 2,172,983; Sept. 12.
Implements, Heat treating wire formed. G. Gastrich. 2,161,742; June 6.
Impostive lock. S. Hammer. 2,169,691; Aug. 15.
Impression mechanism. A. Kåll. 2,148,861; Feb. 28.
Imprinting or embellishing apparatus. J. C. Gangel. 2,155,185; Apr. 18.
Imprinting system for printing presses. R. Zimmerman. 2,164,852; July 4.
Improvements relating to registering mechanisms. J. Fraser. 2,161,918–9; June 13.
Impulse counter and stop watch timer. P. E. Klopsteg. 2,177,367; Oct. 24.
Impulse generator. K. Schlesinger. 2,185,131; Dec. 26.
Impulse measuring circuit. W. R. Koch. 2,158,285; May 16.
Impulse or pulse transmitter. P. Kotowski and S. Sonnenfeld. 2,181,568; Nov. 28.

Impulse producing circuit. R. L. Miller. 2,144,847; Jan. 24.
Impulse sender. N. H. Saunders and H. G. Evers. 2,172,596; Sept. 12.
Impulse sender for use in telephone systems. C. C. Puckette. 2,165,766; July 11.
Impulse switch. F. L. Creager. 2,166,680; July 18.
Impulse transmitter. H. E. Mali and P. G. Fredrickson. 2,172,212; Sept. 5.
Impulse transmitting device. T. O. Westhafer and D. J. Diekman. 2,172,231; Sept. 5.
Impulses to a system, Device for imparting. R. R. R. Sarazin. 2,156,484; May 2.
Incandescent electric lamp. W. T. Cowhig. 2,145,157; Jan. 24.
Incandescent lamp. F. J. Major. 2,150,232; Mar. 14.
Incandescent lamp. W. Röver. 2,182,904; Dec. 12.
Incandescent lamp. A. R. Socolofsky. 2,179,437; Nov. 7.
Incandsecent tubular lamp. E. Speilholz. 2,167,426; July 25.
Incineration. G. R. Lewers. 2,145,090; Jan. 24.
Incineration. G. R. Lewers. 2,150,231; Mar. 14.
Incineration. W. Raisch. 2,144,507; Jan. 17.
Incineration. J. C. Woodman. 2,157,993; May 9.
Incineration method and apparatus. G. E. Connolly. 2,147,152; Feb. 14.
Incineration process, Garbage-rubbish. G. W. Kelley, Jr. 2,160,699; May 30.
Incinerator. R. G. Gregg and A. E. Wirth. 2,161,412; June 6.
Incinerator furnace. L. P. O'Hara. 2,168,044; Aug. 1.
Incinerator, Garbage. N. Forni. 2,151,320; Mar. 21.
Incinerator, Garbage and refuse. F. Craigie. 2,146,531; Feb. 7.
Incinerator system, Garbage. M. Blumenthal and L. Casper. 2,160,825; June 6.
Incisions, Apparatus for making. W. F. Errig and E. S. De Hart. 2,149,010; Feb. 28.
Inclination gauge. L. B. Black. 2,162,602; June 13.
Inclined vibrating screen. R. A. Denovan. 2,176,376; Oct. 17.
Inclinometer. H. A. Mason. 2,149,401; Mar. 7.
Inclinometer, acceleration, and deceleration meter, Deadbeat. K. C. Hawthorne and A. B. Campbell. 2,154,678; Apr. 18.
Inclinometer for aircraft. P. E. Koster. 2,160,970; June 6.
Inclinometer, Well hole. H. H. Jones. 2,155,552; Apr. 25.
Incubator. R. I. Blakeslee. 2,176,484; Oct. 17.
Incubator. E. T. Brace. 2,184,685; Dec. 26.
Incubator. W. J. Needels. 2,152,492; Mar. 28.
Incubator-hatcher. G. T. Markey. 2,163,363; June 20.
Incubators, Egg turning mechanism for. S. H. Smith. 2,170,789; Aug. 22.
Index. G. H. Dawson. 2,152,304; Mar. 28.
Index and brake device. A. S. Chandler. 2,166,716; July 18.
Index, Card. R. C. Finch. 2,142,098; Jan. 3.
Index, Card. B. G. Rand. 2,149,547; Mar. 7.
Index, Card. B. G. Rand. 2,152,606; Mar. 28.
Index, Card. C. W. Sherman. 2,178,459; Oct. 31.
Index card carrier. F. L. G. Straubel. 2,157,358; May 9.
Index device. T. Jensen. 2,181,432; Nov. 28.
Index device. C. Veit. 2,152,227; Mar. 28.
Index device, Card. M. Vogel. 2,180,490; Nov. 21.
Index directional signal. T. D. Layman. 2,144,294; Jan. 17.
Index follower block, Visible. F. L. W. Link. 2,178,638; Nov. 7.
Index mechanism. C. J. Green. 2,183,864; Dec. 19.
Index mechanism for the steering wheels of carriages. K. M. Pauli. 2,175,637; Oct. 10.
Index plate for boring and milling machines. C. L. Grover. 2,153,463; Apr. 4.
Index, Rotary card. G. C. Bruen. 2,168,323; Aug. 8.
Index, Visible. J. H. Rand, Jr., and C. F. Wolters. 2,178,457; Oct. 31.
Indexing device. A. Blain. 2,147,140; Feb. 14.
Indexing device, Automatic. A. W. Franklin. 2,146,062; Feb. 7.
Indexing mechanism. H. B. Kyriakides. 2,158,188; May 16.
Indexing mechanism for automatic screw machines. A. F. Jelinek and W. E. Gross. 2,157,958; May 9.
Indexing work holder. J. K. Nitsch. 2,162,856; June 20.
Indicating adjustment for seed boards of linter gin breasts. G. C. Morgan. 2,149,145; Feb. 28.
Indicating and control mechanism for radio receivers. R. C. Marholz. 2,172,288; Sept. 5.
Indicating and switching apparatus. G. L. Beers. 2,149,829; Mar. 7.
Indicating apparatus. P. Horinstein. 2,159,328; May 23.
Indicating apparatus. D. C. McRae and J. C. Franklin. 2,164,588; July 4.
Indicating balancing machine. J. G. Baker and F. C. Rushing. 2,165,024; July 4.
Indicating board. C. M. Knutson. 2,145,984; Feb. 7.
Indicating circuit. B. G. Bjornson. 2,183,389; Dec. 12.
Indicating device. L. E. Barton. 2,166,674; July 18.
Indicating device. H. Bernholz and J. Sullivan. 2,146,005; Feb. 7.
Indicating device. R. B. Johnson. 2,168,443; Aug. 8.
Indicating device. W. E. Newman. 2,159,749; May 23.
Indicating device. L. S. Williams. 2,178,155; Oct. 31.
Indicating device for automobiles. F. B. Critchlow. 2,161,457; June 6.
Indicating device for indicating the level of liquid in containers. L. B. Bacon. 2,151,579; Mar. 21.
Indicating device for tail lamps and the like. R. C. Lappin. 2,179,792; Nov. 14.
Indicating instrument. W. W. Braswell. 2,158,925; May 16.
Indicating instrument. D. O. Sproule. 2,173,316; Sept. 19.
Indicating instrument. E. L. Vail. 2,174,608; Oct. 3.
Indicating instrument for aircraft. H. Doyle. 2,156,012; Apr. 25.
Indicating instrument, Temperature compensated. C. J. Jenny. 2,166,595; July 18.
Indicating instrument, Temperature-compensated. A. Menzer. 2,166,603; July 18.
Indicating means. L. G. Tubbs. 2,150,302; Mar. 14.
Indicating mechanism. A. Binns. 2,173,575; Sept. 19.
Indicating mechanism for cash registers. F. L. Fuller. 2,146,292; Feb. 7.
Indicating switch. F. J. Zapp and M. H. Weinstein. 2,171,822; Sept. 5.
Indicating system. K. Nekolny. 2,173,560; Sept. 19.
Indicating system, Automatic. W. J. Phillips and R. Scovel. 2,152,151; Mar. 28.
Indicating system and calibrating the same. A. B. Fuller. 2,161,344; June 6.
Indicator: *See*—
Aircraft position indicator
Aircraft speed indicator.
Aircraft trim indicator.
Airplane indicator.
Air-speed indicator.
Automatic shaver indicator.
Automobile direction indicator.
Battery level indicator.
Brake condition indicator.
Braking indicator.
Card game indicator.
Clock-driven indicator.
Cyclographic bridge balance indicator.
Deflation indicator.
Dial indicator.
Direction finder or course indicator.
Direction indicator.
Drill position indicator.
Electric power indicator.
Electrical indicator.
Electron ray voltage indicator.
Filter and condition indicator.
Flight altitude indicator.
Flight indicator.
Fuel consumption indicator.
Game indicator.
Golf stance indicator.
Grade indicator.
Headlight indicator.
Hour glass indicator.
Impact indicator.
Liquid content indicator.
Liquid level indicator.
Long dash and light keying indicator.
Magneto breaker contact point opening and closing indicator.
Maximum demand indicate
Moisture indicator.
Motor tuning indicator.
Oil indicator.
Optical indicator.
Ornamental indicator.
Partial pressure indicator.
Position indicator.
Pressure indicator.
Program indicator.
Radio course indicator.
Radio tuning indicator.
Rate of climb indicator.
Rate of strain indicator.
Receptacle indicator.
Recording drift indicator.
Recording margin indicator.
Remote indicator.
Remote multiple indicator.
Sediment indicator.
Sensitive indicator.
Shockproof dial indicator.
Spark plug performance indicator.
Specific gravity indicator.
Speed indicator.
Speed limit indicator.
Speed ratio indicator.
Shaft speed indicator.
Station indicator.
Street indicator.
Telephone call fee indicator.
Temperature indicator.
Thickness indicator.
Third-dimension radio-bearing indicator.
Three-dimension radio-bearing indicator.
Transient change indicator.
Tuning indicator.
Typographical machine line indicator.
Utility indicator.
Vehicle direction indicator.
Vehicle obstruction indicator.
Vertical speed indicator.
Visibility indicator.
Volume indicator.
Weighing scale indicator.
Well drilling indicator.
Wheel and chassis alignment indicator.
Indicator. J. W. Allen. 2,176,372; Oct. 17.
Indicator. H. F. Brown. 2,171,022; Aug. 29.
Indicator. L. E. Dodge. 2,162,197; June 13.
Indicator. L. E. Dodge. 2,175,987; Oct. 10.
Indicator. S. Findlater. 2,163,196; June 20.
Indicator. S. Read, Jr. 2,179,101; Nov. 7.
Indicator and electrical circuit controller, Combined. M. Klein and B. Willach. 2,159,702; May 23.
Indicator and scale arrangement. J. D. Brailsford. 2,148,976; Feb. 28.
Indicator apparatus. A. E. Osborn. 2,161,310; June 6.
Indicator for ball-rolling games. B. G. MacDougall. 2,170,566; Aug. 22.
Indicator for casing cutters, Cut. J. S. Beck. 2,167,739; Aug. 1.
Indicator for controllable propellers. M. W. Manchester. 2,146,401; Feb. 7.
Indicator for deflated pneumatic tires. C. B. Smith and C. S. Harvey. 2,167,782; Aug. 1.
Indicator for ignition apparatus. L. Kamenarović. 2,148,817; Feb. 28.
Indicator for liquid flow. R. Holmboe. 2,184,643; Dec. 26.

Indicator for musical compositions. A. C. Montardo. 2,169,002; Aug. 8.
Indicator for perforating machines. C. D. Lake. 2,174,702; Oct. 3.
Indicator for shoe pressing machines, Pressure. J. F. Smith. 2,145,997; Feb. 7.
Indicator for steering gears, Directional control. O. E. Becker. 2,147,598; Feb. 14.
Indicator for suction cleaners. H. B. White. 2,159,112; May 23.
Indicator for vehicles. A. Wessig. 2,145,502; Jan. 31.
Indicator for vehicles, Direction turn. C. M. Roan, O. E. Kaupang, and A. W. Rohlen. 2,183,622; Dec. 19.
Indicator illumination. P. Kollsman. 2,172,765; Sept. 12.
Indicator mechanism for educational purposes. W. B. Swindell. 2,152,777; Apr. 4.
Indicator or telltale, Illumination. W. F. Matson. 2,165,899; July 11.
Indicator reset, Operation. W. V. Johnson and K. Riesz. 2,172,203; Sept. 5.
Indicators, Apparatus for liquid level. C. J. Schroeder. 2,147,270; Feb. 14.
Indicators for railway track switches, Electrically operated. J. F. Merkel. 2,149,225; Feb. 28.
Indicators for scales, Weight demarcating and fractional hour rate. G. E. Reinking. 2,150,245; Mar. 14.
Indicium, Illuminated. S. F. Arbuckle. 2,147,959; Feb. 21.
Indole derivatives and their manufacture, Sulphonated. K. Engel. 2,180,801; Nov. 21.
Inductance, Adjustable. N. P. Case. 2,173,084; Sept. 19.
Inductance, Adjustable. P. S. Darnell. 2,154,232; Apr. 11.
Inductance coil, High frequency. W. D. Loughlin. 2,158,613; May 16.
Inductance device. D. A. Bell. 2,174,346; Sept. 26.
Inductance device, Continuously variable. F. C. Blancha. 2,178,221; Oct. 31.
Inductance device, Variable. F. Otto. 2,163,448; June 20.
Inductance device, Variable. A. Schöne and F. Troeltsch. 2,177,842; Oct. 31.
Inductance device, Variable. J. Sivertsen. 2,179,058; Nov. 7.
Inductance device, Variable. A. Weis. 2,144,353; Jan. 17.
Inductance, Variable. H. N. Bliss. 2,175,554; Oct. 10.
Induction apparatus and making the same, Electromagnetic. J. C. Granfield. 2,160,588; May 30.
Induction apparatus, Stationary. R. F. Kneisley. 2,180,759; Nov. 21.
Induction furnace. E. G. Schlup. 2,181,921; Dec. 5.
Induction furnace, Low frequency. R. Strube and W. Ewald. 2,166,734; July 18.
Induction heated pipe. C. E. Daniels. 2,178,720; Nov. 7.
Induction heater. T. R. Kennedy. 2,144,377–8; Jan. 17.
Induction motor, High power factor. C. Macmillan. 2,159,768; May 23.
Induction system for internal combustion engines. A. H. Cuddon-Fletcher. 2,164,230; June 27.
Induction system for internal combustion engines. E. R. Jacoby. 2,163,040; June 20.
Induction system of internal combustion engines of the compression ignition type, Throttle controlled. T. J. Swinney. 2,149,691; Mar. 7.
Inductive device. P. S. Darnell. 2,149,336; Mar. 7.
Inductive interference, Neutralization of. W. D. Cannon. 2,159,927; May 23.
Inductive interference, Prevention of. W. H. Cuttino. 2,157,886; May 9.
Inductive interference, Prevention of. R. E. Marbury. 2,157,909; May 9.
Inductive tuning system. W. J. Polydoroff. 2,158,252; May 16.
Inductor, Adjustable magnetic-core. W. D. La Rue and R. L. Harvey. 2,168,351; Aug. 8.
Inductor winding. E. M. Fraser. 2,164,738; July 4.
Inertia controlled brake. R. E. Miller and G. L. Cotter. 2,148,769; Feb. 28.
Inertia device. E. E. Hewitt. 2,152,256; Mar. 28.
Inertia switch. R. Erich. 2,161,411; June 6.
Inflatable swimming support. W. Barcroft. 2,173,388; Sept. 19.
Inflation valve. W. J. Voit and L. C. Weimer. 2,183,900; Dec. 19.
Information service, Centralized. C. de Vriendt and H. E. A. Borzer. 2,155,933; Apr. 25.
Infusions, Apparatus for making. H. D. Harper. 2,151,966; Mar. 28.
Infusions or decoctions, Device for making. E. J. Conrad. 2,146,108; Feb. 7.
Ingot assembly and carrier. M. F. Berg. 2,174,562; Oct. 3.
Ingot ejector. R. W. Dinzl. 2,171,141; Aug. 29.
Ingot for feeding machines. A. H. Jung. 2,157,097; May 9.
Ingot mold. R. Schustek and E. Pakulla. 2,155,283; Apr. 18.
Ingot mold coating device. E. W. Clark. 2,143,408; Jan. 10.
Ingot mold plug. A. C. Estep. 2,170,555; Aug. 22.
Ingot mold plug. H. K. Rigdon. 2,175,315; Oct. 10.
Ingot, Slip-off. A. H. Jung. 2,145,766; Jan. 31.
Ingots, Casting self-stripping and rapid-cooling steel. S. H. Griffiths. 2,169,797; Aug. 15.
Ingots into melting furnaces, Apparatus for feeding. P. Dunsheath. 2,174,918; Oct. 3.
Inhalator. G. H. Myrick. 2,184,679; Dec. 26.
Inhalator facepiece. G. L. Winder. 2,175,713; Oct. 10.
Inhaler. A. and A. D. Leenhouts. 2,168,573; Aug. 8.
Inhaler. C. F. Lombard. 2,178,800; Nov. 7.
Inhaler, Nasal. J. H. Tobler. 2,159,111; May 23.
Inhaling device. A. L. Griffith. 2,142,353; Jan. 3.
Inhibitor. H. F. Merriam and T. V. Fowler, Jr. 2,146,154; Feb. 7.
Inhibitor. J. R. Tuttle. 2,146,162; Feb. 7.
Inhibitor and motor fuel stabilized therewith. H. von Bramer and A. C. Ruggles. 2,163,640; June 27.
Inhibitor and the use thereof. R. H. Patch. 2,172,291; Sept. 5.
Inhibitor for pickling baths, Solid. P. J. Cole. 2,144,913; Jan. 24.
Initial and box structure for jewelry. J. Simmons. 2,176,727; Oct. 17.
Injection device. K. O. Buercklin. 2,168,437; Aug. 8.
Injection engine. H. Fischer. 2,153,618; Apr. 11.
Injection engine. H. Fischer. 2,157,658–9; May 9.
Injection rate control for fuel pumps. B. T. Insley. 2,158,326; May 16.
Injector. F. S. Barks. 2,155,250; Apr. 18.
Injector. H. Deutsch. 2,146,335; Feb. 7.
Injector. B. E. Folke. 2,151,658; Mar. 21.
Injector. Y. H. Kurkjian. 2,183,482; Dec. 12.
Injector. H. E. F. C. Lingenbrink. 2,181,701; Nov. 28.
Injector and aspirator, Anatomical. C. Kidwell. 2,149,777; Mar. 7.
Injector, Fuel pump. C. W. Truxell, Jr. 2,144,861–2; Jan. 24.
Ink. W. H. Shields. 2,161,205; June 6.
Ink and making same, Quick-setting printing. C. Ellis. 2,162,331; June 13.
Ink and making the same, Duplicating. W. J. Hughes. 2,155,861; Apr. 25.
Ink and the marking of textile materials. W. I. Taylor and L. B. Gibbins. 2,165,522; July 11.
Ink composition, Ribbon. S. A. Neidich. 2,160,511; May 30.
Ink, Duplicating. W. J. Hughes. 2,155,862; Apr. 25.
Ink, Fluorescent lithographing. J. L. Switzer. 2,152,856; Apr. 4.
Ink for transparent projection strips. M. Demarest and K. Flynn. 2,172,465; Sept. 12.
Ink fountain. J. L. Blackley. 2,163,335; June 20.
Ink fountain of a rotary press, Adjustable. D. L. Boyd. 2,173,874; Sept. 26.
Ink fountain typing machine. G. E. Pelton. 2,158,944; May 16.
Ink pad. B. Dwofsky. 2,152,682; Apr. 4.
Ink, Printer's. H. Renck. 2,154,866; Apr. 18.
Ink, Printing. E. H. Hillman. 2,154,089; Apr. 11.
Ink, Printing and setting a printing. C. J. MacArthur. 2,157,388; May 9.
Ink requirements, Testing for. F. W. Hoch. 2,167,652; Aug. 1.
Ink ribbons, Freshing-up. H. Graf. 2,155,653; Apr. 25.
Ink, Rotogravure. E. L. Baxter. 2,153,130; Apr. 4.
Ink, Rotogravure. R. A. Shive, J. E. Coffee, and R. H. Kienle. 2,161,751; June 6.
Inkstand. F. M. Ashley. 2,149,988–9; Mar. 7.
Inkstand. F. M. Ashley. 2,161,843; June 13.
Inkstand set. F. M. Ashley. 2,175,657–8; Oct. 10.
Inkstand set. F. M. Ashley. 2,177,273; Oct. 24.
Inkstand. H. F. Krueger. 2,178,861; Nov. 7.
Inkstands, Making. G. J. Sengbusch. 2,147,931; Feb. 21.
Ink transfer pad. J. A. Dondero. 2,149,511; Mar. 7.
Inkwell. L. H. Ashmore and G. Trotman. 2,149,263; Mar. 7.
Inkwell. L. A. Paul. 2,162,920; June 20.
Inkwell and the like. P. A. Westphal. 2,149,650; Mar. 7.
Inkwell for desks. J. H. Oxley. 2,161,832; June 13.
Inker mechanism. C. W. Harrold and J. R. Wood. 2,173,839; Sept. 26.
Inker throw-off. C. W. Harrold and A. S. Harris. 2,162,812; June 20.
Inking apparatus and method. C. L. Henderson. 2,151,969; Mar. 28.
Inking arrangement for rotary printing presses. W. N. Misuraca. 2,158,474; May 16.
Inking device. H. E. Haase. 2,156,758; May 2.
Inking device for mail handling machine. F. W. Storck. 2,166,271; July 18.
Inking device for printing presses. W. Kline. 2,143,885–6; Jan. 17.
Inking mechanism. J. S. Daniels. 2,178,070; Oct. 31.
Inking mechanism. E. J. Lembcke. 2,177,261; Oct. 24.
Inking mechanism. A. Taylor. 2,154,544; Apr. 18.
Inking mechanism for duplicating machines. S. E. Gregory. 2,162,346; June 13.
Inking mechanism for printing machines. F. G. Lougee and A. J. Horton. 2,183,720; Dec. 19.
Inking mechanism for printing machines. B. K. Murchison. 2,145,270; Jan. 31.
Inking mechanism for printing presses. T. M. Avery. 2,155,354; Apr. 18.

Inking mechanism for printing presses. H. B. Willett. 2,178,008; Oct. 31.
Inking mechanism for printing presses and the like. J. Calcaterra. 2,157,256; May 9.
Inking mechanism for rotary intaglio printing machines. A. M. Zuckerman. 2,182,367; Dec. 5.
Inking mechanism, Rotary. C. A. Harless. 2,177,253; Oct. 24.
Inking system for surface-decorating machines. E. W. Hamant. 2,170,817; Aug. 29.
Inks, Making water printing. H. Hadert. 2,170,198; Aug. 22.
Inks, Manufacture of printing. R. N. Shiva. 2,155,103; Apr. 18.
Inlaid article and method of inlaying. M. G. Sypher. 2,152,161; Mar. 28.
Inlays, Apparatus for investing and casting. D. L. McKee. 2,147,103; Feb. 14.
Inner piston expanding spring. H. P. Phillips. 2,170,276; Aug. 22.
Innersole for open shank shoes. M. H. Moore, Jr. 2,154,135; Apr. 11.
Inner tube. J. W. Waber. 2,161,490; June 6.
Inner-tube tester. T. H. Bolte. 2,151,497; Mar. 21.
Inseam measuring apparatus. J. Turpan. 2,178,658; Nov. 7.
Inseam measuring device. J. Turpan. 2,182,953; Dec. 12.
Insect destroyer. H. Bowlin. 2,149,503; Mar. 7.
Insect destroyer. D. M. De Long. 2,157,953; May 9.
Insect destroyer, Electric. E. V. Swangren. 2,177,846; Oct. 31.
Insect destroyer, Field. J. A. Hoffman. 2,182,230; Dec. 5.
Insect excluder. C. C. Farmer. 2,148,737; Feb. 28.
Insect exterminator. M. Berg. 2,157,449; May 9.
Insect exterminator. E. Christensen. 2,154,418; Apr. 18.
Insect exterminator. M. E. Dodder. 2,182,863; Dec. 12.
Insect exterminator. L. S. Webb. 2,179,766; Nov. 14.
Insect repellent. H. R. Hay. 2,164,328; July 4.
Insect trap. A. Goulard. 2,162,502; June 13.
Insect trap. B. Jennerich. 2,167,978; Aug. 1.
Insect trap. H. T. Peirson. 2,177,670; Oct. 31.
Insecticidal and fungicidal compositions. R. H. Carter. 2,150,759; Mar. 14.
Insecticidal composition. E. W. Bousquet. 2,166,120; July 18.
Insecticidal composition. W. B. Parker. 2,144,808; Jan. 24.
Insecticidal compositions. W. B. Parker. 2,171,598, Sept. 5.
Insecticidal compositions containing heterocyclic amides E. W. Bousquet and P. L. Salzberg. 2,166,118; July 18.
Insecticidal fumigation of growing corn. G. W. Barber. 2,173,293; Sept. 19.
Insecticidal repellant. J. R. Cross. 2,159,550; May 23.
Insecticide. C. H. Batchelder. 2,152,236; Mar. 28.
Insecticide. E. W. Bousquet. 2,166,119; July 18.
Insecticide. H. V. Claborn and L. E. Smith. 2,175,109; Oct. 3.
Insecticide. D. B. Faloon. 2,168,064; Aug. 1.
Insecticide. A. F. Freeman. 2,155,010; Apr. 18.
Insecticide. W. F. Hester. 2,159,025; May 23.
Insecticide. V. A. Johnson. 2,147,947; Feb. 21.
Insecticide. A. G. Kaufmann. 2,154,850; Apr. 18.
Insecticide. T. Lind. 2,173,849; Sept. 26.
Insecticide. W. C. O'Kane. 2,172,689–90; Sept. 12.
Insecticide. G. Poretto. 2,159,953; May 23.
Insecticide. F. M. Thompson, Jr. 2,160,579; May 30.
Insecticide. D. L. Vivian. 2,173,386; Sept. 19.
Insecticide and fumigant. A. J. van Peski and J. M. Hoeffelman. 2,152,003; Mar. 28.
Insecticide and its preparation. P. W. Jewel and W. E. Bradley. 2,165,486; July 11.
Insecticide and making the same. S. E. Marsico. 2,158,241; May 16.
Insecticide dispenser. R. B. Loibl, Jr. 2,180,199; Nov. 14.
Insecticide distributor. W. C. Watson. 2,173,049; Sept. 12.
Insecticide distributor, Ambulatory. J. P. Fullilove. 2,158,115; May 16.
Insecticide or vermin destroying shell. A. C. Fischer. 2,175,112; Oct. 3.
Insecticides and making same. C. P. Hopkins. 2,166,661; July 18.
Insecticides or fungicides, Device for atomizing. H. D. Bennett. 2,167,866; Aug. 1.
Insects and microorganisms, Destroying. I. Rennerfelt. 2,171,315; Aug. 29.
Insert feed. W. E. Rosebush. 2,143,715; Jan. 10.
Insert for boots and shoes. H. Sochor. 2,157,026; May 2.
Insert for concrete constructions. F. D. Reiland. 2,181,740; Nov. 28.
Insert for shoe heels. H. E. Protz. 2,155,905; Apr. 25.
Insert to be used in conjunction with an outlet box and other electrical units. K. Badger. 2,180,575; Nov. 21.
Inserted blade cutter. F. P. Miller. 2,144,986; Jan. 24.
Inserted blade cutter. F. P. Miller. 2,150,286; Mar. 14.
Inserting tool. W. J. Bowan. 2,178,298; Oct. 31.
Inside pipe cutter. H. Allen. 2,175,372; Oct. 10.
Inside pipe cutter. D. H. Reed. 2,180,693; Nov. 21.
Insigne insert clip. C. E. Marshall. 2,159,745; May 23.
Insole. H. M. Germanson. 2,162,468; June 13.
Insole. M. O. Schur and F. W. Vogel. 2,148,999; Feb. 28.
Insole-covering machine. F. E. Bertrand. 2,173,958; Sept. 26.
Insole, Cushion. C. E. Knapp. 2,184,456; Dec. 26.
Insole, Making. H. G. Lumbard. 2,181,787; Nov. 28.
Insole support and cover, Saddle. J. E. Ludlam. 2,148,485; Feb. 28.
Insole unit and making the same, Reinforced. J. M. Whelton. 2,171,719; Sept. 5.
Insoles and sheets therefor, Making. F. L. Ayers. 2,150,575; Mar. 14.
Insoles, Making. J. P. Fredericksen. 2,146,814; Feb. 14.
Instrument arrangement for aircraft motors. P. E. Köster. 2,151,976; Mar. 28.
Instrument board for stoves. J. C. Rogers. 2,147,382; Feb. 14.
Instrument cluster cabinet. G. Snyder and G. S. Lawson. 2,165,660; July 11.
Instrument for computing data and corrections in gunfire. M. Houck. 2,174,106; Sept. 26.
Instrument for drawing blood. G. J. Kadavy. 2,164,711; July 4.
Instrument for drawing scales. H. D. L. Nilsson. 2,161,551; June 6.
Instrument for making perspective drawings from plan and elevation. D. T. McGregor. 2,171,587; Sept. 5.
Instrument for stroboscopic observations. H. List. 2,178,482; Oct. 31.
Instrument for the examination of eyes. H. Rönne. 2,155,171; Apr. 18.
Instrument for the solution of the astronomical triangle. C. C. Hobbs. 2,151,970; Mar. 28.
Instrument for vaginal treatment. O. A. Strauss. 2,170,222; Aug. 22.
Instrument holder. K. D. Koons. 2,171,128; Aug. 29.
Instrument indication in airplanes and the like, Means and method of. E. A. Link, Jr. 2,178,637; Nov. 7.
Instrument of precision. G. E. Hallenbeck. 2,143,241; Jan. 10.
Instrument pointers, Making measuring. H. L. Bernarde. 2,157,845; May 9.
Instrument spring link movement. P. F. K. Erbguth. 2,178,538; Nov. 7.
Instrument supporting apparatus. C. L. Hunsicker. 2,149,141; Feb. 28.
Instrument supporting device. C. L. Hunsicker. 2,150,975; Mar. 21.
Instrument supporting device. C. L. Hunsicker. 2,161,962; June 13.
Insulated cabinet. G. R. Gibson and E. E. Wolters. 2,148,689; Feb. 28.
Insulated cable. A R. Kemp and F. S. Malm. 2,181,188; Nov. 28.
Insulated duct construction. R. W. Smith. 2,183,174; Dec. 12.
Insulated member. R. E. Palmateer. 2,179,381; Nov. 7.
Insulated rail joint. C. A. Disbrow. 2,161,340; June 6.
Insulated structure and making the same. E. Claxton, C. C. Schrader, and H. G. Swarr. 2,179,542; Nov. 14.
Insulating bat. C. F. Johnson. 2,159,028; May 23.
Insulating bat. A. D. Saborsky. 2,159,053; May 23.
Insulating bodies, Manufacture of. B. Neuhof. 2,162,386; June 13.
Insulating coating. D. H. Wamsley. 2,171,230; Aug. 29.
Insulating composition. C. H. Cook. 2,144,425; Jan. 17.
Insulating composition, Thermal. W. S. Wilson. 2,174,770; Oct. 3.
Insulating compound and making the same, Rubber. M. H. Savage, F. C. Spargo, and E. W. Schwartz. 2,146,594; Feb. 7.
Insulating compound and making the same, Rubber. E. W. Schwartz and E. T. Croasdale. 2,146,595; Feb. 7.
Insulating compound and making the same, Rubber. E. W. Schwartz, M. H. Savage, and F. C. Spargo. 2,146,596; Feb. 7.
Insulating concrete construction. N. V. Hybinette. 2,153,837; Apr. 11.
Insulating material. K. E. Prindle. 2,173,726; Sept. 19.
Insulating material and making same, Electrical. R. Houwink. 2,148,201; Feb. 21.
Insulating material and process of manufacture. J. D. Morgan and R. E. Lowe. 2,161,186; June 6.
Insulating material, Bonded fibrous. J. H. Gregory. 2,163,567; June 20.
Insulating material, Ceramic. G. L. McGreery, V. E. Campbell, and R. Higgins. 2,155,835; Apr. 25.
Insulating material, Electrical. J. K. Webb. 2,147,824; Feb. 21.
Insulating material in gel form. W. C. Ferguson. 2,142,584; Jan. 3.
Insulating material, Installation of acoustical. J. K. Park. 2,148,496; Feb. 28.
Insulating means. J. N. Hadjisky. 2,164,815; July 4.
Insulating slabs and the like, Manufacture of. P. S. Denning. 2,175,715; Oct. 10.
Insulating structural board. A. H. Tashjian. 2,159,300; May 23.
Insulating structure. L. W. Scott, Jr. 2,148,281; Feb. 21.
Insulating tape and making the same. C. Mosier and J. L. Mohun, Jr. 2,170,207; Aug. 22.
Insulation. C. G. Munters. 2,150,182; Mar. 14.

Insulation. C. G. Munters. 2,164,143; June 27.
Insulation and making the same, Magnesia. E. R. Williams. 2,172,861; Sept. 12.
Insulation and the product, Obtaining electrical. R. E. Bishop. 2,161,447; June 6.
Insulation, Applying plastic. O. V. McGrew. 2,145,027; Jan. 24.
Insulation demonstrating device. R. Waldo. 2,172,229; Sept. 5.
Insulation, Electrical. H. Rost. 2,154,138; Apr. 11.
Insulation for electrical apparatus. G. A. Albert. 2,153,532; Apr. 11.
Insulation for foundation structures, Insect. D. M. Muirhead. 2,165,192; July 4.
Insulation for meter troughs. G. E. Palmer. 2,146,843; Feb. 14.
Insulation for oil storage tanks. S. C. Lyon. 2,177,369; Oct. 24.
Insulation for pipes and the like, Thermal. C. D. Wallach. 2,142,542; Jan. 3.
Insulation, Boiler. J. W. Adams. 2,175,948; Oct. 10.
Insulation, Heat. R. E. Gould. 2,161,037; June 6.
Insulation lead-in structure, Vacuum-tight. W. E. Bahls. 2,147,417; Feb. 14.
Insulation material, Electrical. E. C. Homan. 2,183,811; Dec. 19.
Insulation material, Laminated thermoplastic. G. R. Cunnington. 2,184,139–40; Dec. 19.
Insulation, Method and apparatus for testing. R. Higgins. 2,146,069; Feb. 7.
Insulation, Method and system for testing high voltage. G. Keinath. 2,166,932; July 25.
Insulation of magnetic powder for mass cores, in particular for high frequency purposes. W. Schulze. 2,162,273; June 13.
Insulation testing. R. Higgins. 2,162,280; June 13.
Insulation testing. R. W. Thornally. 2,183,898; Dec. 19.
Insulation, Thermal. H. W. Greenup. 2,157,096; May 9.
Insulator. A. O. Austin. 2,173,292; Sept. 19.
Insulator. V. I. Cruser. 2,144,872; Jan. 24.
Insulator. A. A. Hocher. 2,174,723; Oct. 3.
Insulator. G. A. Mead. 2,155,836; Apr. 25.
Insulator. C. F. Molzen. 2,151,931; Mar. 28.
Insulator. D. M. Morgenstern and J. Brasty. 2,158,012; May 9.
Insulator. W. A. Smith. 2,155,846; Apr. 25.
Insulator. J. J. Taylor. 2,155,848; Apr. 25.
Insulator. J. J. Taylor. 2,162,288; June 13.
Insulator and making the same, Electric. E. Alberg-Schönberg. 2,165,819; July 11.
Insulator and manufacturing the same. J. J. Taylor. 2,142,422; Jan. 3.
Insulator and the like, Glazed ceramic. D. H. Rowland. 2,157,100; May 9.
Insulator clamp. G. J. Carlson. 2,149,760; Mar. 7.
Insulator construction. R. L. Jenner. 2,144,537; Jan. 17.
Insulator, Electric. H. A. Ewen. 2,149,118; Feb. 28.
Insulator, Electric. L. A. Meisse. 2,146,344; Feb. 7.
Insulator, Electric. H. P. Sleeman. 2,154,387; Apr. 11.
Insulator for communication systems. H. H. Wheeler and O. McGinnis. 2,165,773; July 11.
Insulator for electric heaters. F. Kuhn and L. H. Thomas. 2,171,879; Sept. 5.
Insulator for handled vessels. A. B. Davidson. 2,154,667; Apr. 18.
Insulator for spark plugs. T. G. McDougal, A. H. Fessler, and K. Schwartzwalder. 2,152,656; Apr. 4.
Insulator, Safety core. A. O. Austin. 2,175,336; Oct. 10.
Insulator, Spark plug. T. G. McDougal, A. H. Fessler, and H. B. Barlett. 2,152,655; Apr. 4.
Insulators, Making vibration. C. Saurer. 2,149,902; Mar. 7.
Insulin preparation. L. Reiner. 2,161,198; June 6.
Insulin preparation and producing crystals of insulin. D. A. Scott. 2,143,590; Jan. 10.
Insulin, Producing crystalline. M. Sahyun. 2,174,862; Oct. 3.
Intaglio printing press. H. J. Luehrs. 2,183,222; Dec. 12.
Intaglio roll. C. T. Hayes. 2,170,560; Aug. 22.
Intake silencer. B. G. Brown. 2,149,836; Mar. 7.
Integrator. M. M. Borden. 2,159,882; May 23.
Integrator, Negative. J. W. Orelup. 2,172,220; Sept. 5.
Intelligence, Telegraphic transmission of. R. J. Wise. 2,153,858; Apr. 11.
Intelligence transmission system. V. K. Zworykin. 2,146,876; Feb. 14.
Intensifying and fluorescent screen. J. Eggert and F. Luft. 2,150,966; Mar. 21.
Interchangeable utility bag. H. A. and M. E. Thies. 2,170,841; Aug. 29.
Intercommunicating system and method. L. W. Parker. 2,144,380; Jan. 17.
Intercommunication, Arrangement for electric. H. Rochow. 2,144,936; Jan. 24.
Intercommunication system. J. Kirch. 2,184,842; Dec. 26.
Intercommunication system. J. Sadowsky. 2,142,874; Jan. 3.
Intercommunication, System for secret multiple-channel carrier. S. J. Levy and J. L. Cassell. 2,143,563; Jan. 10.
Interference caused by induction in electron tubes, Eliminating. W. Bünger and H. W. Langenwalter. 2,178,775; Nov. 7.
Interference eliminator. E. Franke and W.-F. Ewald. 2,183,714; Dec. 19.
Interference in electric signal transmission systems, Reduction of. W. S. Percival. 2,151,145; Mar. 21.
Interference preventing arrangement for internal combustion engines. J. Dietrich and K. Hagenhaus. 2,180,704; Nov. 21.
Interference suppression network. J. W. Milnor, P. F. Bechberger, and W. D. Cannon. 2,173,722; Sept. 19.
Interlayer for safety glass and making the same. H. R. Marini. 2,176,997; Oct. 24.
Interleaving device. R. G. Ford. 2,142,504; Jan. 3.
Interliner for pneumatic tires. R. Ambuhl. 2,154,828; Apr. 18.
Interlock. J. M. Zimmerman. 2,178,984; Nov. 7.
Interlock system. R. L. Kirk. 2,166,061; July 11.
Interlocking control apparatus. E. M. Allen. 2,149,202; Feb. 28.
Interlocking control apparatus. E. M. Allen and L. A. Thompson. 2,184,787; Dec. 26.
Interlocking control apparatus. C. H. Lay. 2,167,027; July 25.
Interlocking control system. D. V. Waters. 2,157,043; May 2.
Interlocking electric plug. J. R. Dinkins. 2,173,533; Sept. 19.
Interlocking means for a group of electrical contactors. G. W. Packer. 2,149,865; Mar. 7.
Interlocking mechanism. C. Norton and P. Karmel. 2,160,896; June 6.
Interlocking system for railroads. F. Benedict. 2,158,974–5; May 16.
Interlocking system for railroads. A. Langdon. 2,148,865; Feb. 28.
Interlocking system for railroads. J. I. Vaughn. 2,156,671; May 2.
Interlocking system for railroads. S. N. Wight. 2,150,868; Mar. 14.
Intermediate for azo dyes and the manufacture thereof. F. Zwilgmeyer. 2,148,252; Feb. 21.
Intermediate for water-insoluble azo dyestuffs. F. Muth. 2,144,704; Jan. 24.
Intermediates for water-insoluble azo dyestuffs. F. Muth. 2,157,796–7; May 9.
Intermittent mechanism. E. W. Kellogg. 2,173,230; Sept. 19.
Internal combustion engine. F. C. Alarie. 2,183,527; Dec. 19
Internal combustion engine. J. A. H. Barkeij. 2,173,081; Sept. 12.
Internal combustion engine. D. M. Berges. 2,160,324; May 30.
Internal combustion engine. L. Birkigt. 2,178,297; Oct. 31.
Internal combustion engine. A. Bokemüller. 2,145,415; Jan. 31.
Internal combustion engine. W. Boxan. 2,171,912; Sept. 5.
Internal combustion engine. C. Brebeck. 2,179,683; Nov. 14.
Internal combustion engine. A. F. Brecht. 2,179,709; Nov. 14.
Internal combustion engine. T. E. Brown. 2,179,143; Nov. 7.
Internal combustion engine. L. F. Cecil. 2,154,322; Apr. 11.
Internal combustion engine. H. D. Church. 2,144,449; Jan. 17.
Internal combustion engine. J. S. Coates. 2,183,116; Dec. 12.
Internal combustion engine. H. C. Colburn. 2,160,380; May 30.
Internal combustion engine. H. Davids. 2,167,745; Aug. 1.
Internal combustion engine. C. D. Davis. 2,166,464; July 18.
Internal combustion engine. E. S. Dennison. 2,171,783; Sept. 5.
Internal combustion engine. T. V. Dillström. 2,145,250; Jan. 31.
Internal combustion engine. C. T. Doman. 2,166,398; July 18.
Internal combustion engine. J. A. Eaton. 2,147,644; Feb. 21.
Internal combustion engine. J. Flamm. 2,149,516; Mar. 7.
Internal combustion engine. N. Fodor. 2,165,176; July 4.
Internal combustion engine. H. Ford. 2,151,423; Mar. 21.
Internal combustion engine. H. Ford. 2,170,015; Aug. 22.
Internal combustion engine. J. S. Frazer. 2,180,898; Nov. 21.
Internal combustion engine. O. Z. Frazier. 2,169,236; Aug. 15.
Internal combustion engine. J. E. Fuller. 2,152,037; Mar. 28.
Internal combustion engine. H. A. Gehres. 2,166,930; July 25.
Internal combustion engine. J. H. Geisse. 2,180,674; Nov. 21.

Internal combustion engine. M. Gerlach. 2,170,020; Aug. 22.
Internal combustion engine. S. B. and B. E. Gold. 2,154,504; Apr. 18.
Internal combustion engine. E. Gray. 2,167,946; Aug. 1.
Internal combustion engine. G. Grover, Jr. 2,158,419; May 16.
Internal combustion engine. E. S. Hall. 2,150,162; Mar. 14.
Internal combustion engine. E. Hanson. 2,170,818; Aug. 29.
Internal combustion engine. W. D. Harbaugh. 2,175,261; Oct. 10.
Internal combustion engine. W. Harper, Jr. 2,151,698; Mar. 28.
Internal combustion engine. A. Heess. 2,166,525; July 18.
Internal combustion engine. S. K. Hoffman and C. H. Wiegman. 2,172,100; Sept. 5.
Internal combustion engine. C. D. Howard. 2,164,522; July 4.
Internal combustion engine. F. W. Jones. 2,154,095; Apr. 11.
Internal combustion engine. C. Jonville and P. Ferlay. 2,151,853; Mar. 28.
Internal combustion engine. M. Kadenacy. 2,144,065; Jan. 17.
Internal combustion engine. M. Kadenacy. 2,147,200; Feb. 14.
Internal combustion engine. G. S. Kammer. 2,153,805; Apr. 11.
Internal combustion engine. F. F. Kishline. 2,182,990; Dec. 12.
Internal combustion engine. P. Klotsch. 2,152,594; Mar. 28.
Internal combustion engine. G. R. Langrognet. 2,157,764; May 9.
Internal combustion engine. E. T. Larkin. 2,170,058; Aug. 22.
Internal combustion engine. R. K. Lee. 2,179,938; Nov. 14.
Internal combustion engine. O. Ljungstrom. 2,169,652; Aug. 15.
Internal combustion engine. O. Mader. 2,168,131; Aug. 1.
Internal combustion engine. M. Mallory. 2,154,856; Apr. 18.
Internal combustion engine. M. Mallory. 2,184,357; Dec. 26.
Internal combustion engine. P. Maniscalco. 2,161,069; June 6.
Internal combustion engine. J. J. McCarthy. 2,170,151; Aug. 22.
Internal combustion engine. G. C. McDermett. 2,155,143; Apr. 18.
Internal combustion engine. L. J. McKone. 2,151,927; Mar. 28.
Internal combustion engine. C. I. McNeil. 2,153,470; Apr. 4.
Internal combustion engine. J. P. Megroot. 2,157,297; May 9.
Internal combustion engine. J. P. Megroot. 2,172,170; Sept. 5.
Internal combustion engine. G. W. Meredith. 2,145,028; Jan. 24.
Internal combustion engine. A. G. M. Michell. 2,152,811; Apr. 4.
Internal combustion engine. F. C. Mock. 2,142,280; Jan. 3.
Internal combustion engine. R. M. Nardone. 2,171,257; Aug. 29.
Internal combustion engine. C. R. Paton. 2,142,698; Jan. 3.
Internal combustion engine. C. R. Paton. 2,149,097; Feb. 28.
Internal combustion engine. W. Phillips. 2,156,304; May 2.
Internal combustion engine. F. P. Porter. 2,154,249; Apr. 11.
Internal combustion engine. R. H. Prew. 2,170,213; Aug. 22.
Internal combustion engine. E. W. Riffey and V. H. Kirkham. 2,172,520; Sept. 12.
Internal combustion engine. F. Rochefort. 2,146,351; Feb. 7.
Internal combustion engine, Rotary. W. Lister. 2,162,851; June 20.
Internal combustion engine. M. Rotter. 2,149,982; Mar. 7.
Internal combustion engine. G. E. Sandblom. 2,160,755; May 30.
Internal combustion engine. J. Sapp. 2,155,775; Apr. 25.
Internal combustion engine. A. Scheibe. 2,149,793; Mar. 7.
Internal combustion engine. O. Schilling. 2,146,131; Feb. 7.
Internal combustion engine. L. L. Scott. 2,157,742; May 9.
Internal combustion engine. P. L. Scott. 2,146,032; Feb. 7.
Internal combustion engine. I. Sklenar. 2,153,727; Apr. 11.
Internal combustion engine. G. K. Steward. 2,153,598; Apr. 11.
Internal combustion engine. E. O. P. Thege. 2,175,450; Oct. 10.
Internal combustion engine. K. Thomas. 2,148,249; Feb. 21.
Internal combustion engine. E. M. Tucker. 2,184,820; Dec. 26.
Internal combustion engine. C. Voorhies. 2,178,732; Nov. 7.
Internal combustion engine. B. T. Wagers. 2,168,502; Aug. 8.
Internal combustion engine. J. F. Werder. 2,143,503; Jan. 10.
Internal combustion engine. F. A. Williams. 2,150,955; Mar. 21.
Internal combustion engine. A. R. Wurtele. 2,164,439; July 4.
Internal combustion engine. A. R. Wurtele. 2,179,278; Nov. 7.
Internal combustion engine. K. Zinner. 2,156,327; May 2.
Internal combustion engine, Air-cooled. H. Ledwinka. 2,175,533; Oct. 10.
Internal combustion engine, Four stroke cycle. A. Buchi. 2,144,561; Jan. 17.
Internal combustion engine, Multicylinder. J. B. Gabrielson. 2,182,866; Dec. 12.
Internal combustion engine, Portable. D. R. Clarke. 2,159,256; May 23.
Internal combustion engine, Reversible. E. O. P. Thege and J. H. W. Julius. 2,157,578; May 9.
Internal combustion engine, Rotary. C. Appleton. 2,146,877; Feb. 14.
Internal combustion engine, Rotary. J. Chkliar. 2,179,401; Nov. 7.
Internal combustion engine, Rotary. D. S. Fahrney. 2,180,352; Nov. 21.
Internal combustion engine, Rotary. J. S. Korany. 2,174,664; Oct. 3.
Internal combustion engine, Rotary. J. D. Lutschg. 2,164,462; July 4.
Internal combustion engine, Rotary. E. J. Serpas. 2,177,045; Oct. 24.
Internal combustion engine, Rotary. B. Shore. 2,172,039; Sept. 5.
Internal combustion engine, Rotary. H. F. Wolstenholme. 2,142,706; Jan. 3.
Internal combustion engine, Rotary valve. H. S. McLaren. 2,142,325; Jan. 3.
Internal combustion engine, Track and groove. E. C. Koehler. 2,173,303; Sept. 19.
Internal combustion engine, Two-cycle. M. Mallory. 2,156,665; May 2.
Internal combustion engine, Two-stroke. A. Bokemüller. 2,148,854; Feb. 28.
Internal combustion engine, Two-stroke. O. Kuhnast. 2,145,626; Jan. 31.
Internal combustion engine, Two-stroke. A. Stihl. 2,146,919; Feb. 14.
Internal combustion engine valve. E. G. Touceda. 2,150,255; Mar. 14.
Internal combustion engine, Variable compression ratio. K. Tsuneda. 2,145,017; Jan. 24.
Internal combustion engine, Variable volume. L. M. Griffith. 2,154,505; Apr. 18.
Internal combustion motor. R. S. Busby. 2,169,120; Aug. 8.
Internal combustion motor. W. M. Foley. 2,171,689; Sept. 5.
Internal combustion motor. I. P. Haring. 2,175,463; Oct. 10.
Internal combustion motor. A. B. Shover. 2,153,899; Apr. 11.
Internal combustion motor, Rotary. J. C. Dominguez. 2,170,366; Aug. 22.
Internal combustion tool. E. R. Boddinghouse. 2,162,416; June 13.
Internal motor cleaner. E. A. Hill. 2,173,554; Sept. 19.
Intervaltimeter. L. P. Dorsett. 2,158,654; May 16.
Intestine-cleaning mechanism. L. Sevek. 2,169,905; Aug. 15.
Intra-uterine device. L. W. Meckstroth. 2,176,559; Oct. 17.
Intravenous therapy for the treatment of syphilis. D. P. Garcia. 2,145,869; Feb. 7.
Invalid chair. F. W. Connolly. 2,182,915; Dec. 12.
Invalid chair. T. Harris. 2,150,441; Mar. 14.
Invalid walker. E. C. Skinner and R. Lawatch. 2,168,424; Aug. 8.
Invalid walking support. H. Glynn. 2,165,700; July 11.
Invalid's bed-chair. R. C. Capron. 2,171,251; Aug. 29.
Invertase, Separation of. G. E. Miller and R. F. Light. 2,164,936; July 4.
Inverter for variable electrical current. G. Agins. 2,148,718; Feb. 28.
Involute measuring machine. E. W. Miller. 2,171,589; Sept. 5.
Iodides, such as iodine from water, Recovery of. O. M. Urbain and W. R. Stemen. 2,157,508; May 9.
Iodine fixation and product thereof. D. S. Sec. 2,170,611; Aug. 22.
Iodine from charcoal, Recovery of. M. F. Ohman. 2,144,119; Jan. 17.
Iodine in salt and other feed materials, Stabilization of. E. B. Hart, W. B. Griem, and La V. E. Clifcorn. 2,144,150; Jan. 17.

Iodine, Producing. S. B. Heath. 2,143,222; Jan. 10.
Ionic discharge device, High voltage. J. G. Trump. 2,182,185; Dec. 5.
Iron: *See*—
Alloy cast iron.
Branding iron.
Carrying iron.
Chair iron.
Curling iron.
Electric baking iron.
Electric iron.
Electric steam iron.
Electrically heated iron.
Fume exhausting soldering iron.
Laundry iron.
Pressing iron.
Rustless iron.
Soldering iron.
Spray iron.
Toe iron.
Waffle iron.
Iron. B. A. Kaplan. 2,179,890; Nov. 14.
Iron. J. K. Sebo. 2,160,421; May 30.
Iron and dampener, Electric. E. P. Schreyer. 2,178,512; Oct. 31.
Iron and making the same, Electrical heating. J. D. Morgan. 2,180,603; Nov. 21.
Iron and plug, Heat control. J. Kelly and J. J. Maloney. 2,143,701; Jan. 10.
Iron and stand therefor, Electric. O. C. Ritz-Woller. 2,163,704; June 27.
Iron and steel articles, Method and composition for coating. M. Weisberg and L. Corman. 2,148,331; Feb. 21.
Iron and steel with addition agents, Treating molten. J. H. Critchett and W. Crafts. 2,168,561; Aug. 8.
Iron and temperature control and indicator therefor, Waffle. A. M. Young. 2,159,068; May 23.
Iron by direct reduction, Manufacturing. K. Kusaka and H. Ashida. 2,156,263; May 2.
Iron cord control, Electric. A. S. Snyder. 2,172,297; Sept. 5.
Iron core, High frequency. H. C. Riepka. 2,146,987; Feb. 14.
Iron, Electric. A. C. Schmidt and C. W. Bruger. 2,143,424; Jan. 10.
Iron fluoride, Treating. S. S. Svendsen. 2,167,784; Aug. 1.
Iron for velvet and the like, Pressing. E. Widder. 2,166,332; July 18.
Iron in cupola furnaces, Production of cast. K. Lauer. 2,158,511; May 16.
Iron, Making cast. M. Kuniansky. 2,174,519–20; Oct. 3.
Iron, Making cast. W. J. Priestley. 2,157,390; May 9.
Iron, Making powdered. F. O. Clements, R. H. Terry, and D. J. Henry. 2,164,198; June 27.
Iron-manganese-copper alloy, Low metalloid. R. S. Simmons. 2,144,001; Jan. 17.
Iron, Manufacturing pig. M. Paschke and E. Peetz. 2,149,480; Mar. 7.
Iron or steel sheets such as silicon steel sheets for magnetic uses, Preparing. W. J. Beck and A. E. Taylor. 2,176,602; Oct. 17.
Iron oxide, Production of. P. Fireman. 2,184,738; Dec. 26.
Iron, Production of sponge. J. M. Avery. 2,142,100; Jan. 3.
Iron, Producing high tensile strength. J. L. Gibney. 2,169,464; Aug. 15.
Iron stand. G. B. Higgins. 2,142,191; Jan. 3.
Iron structure, Rotary. A. F. Yoerg. 2,155,779; Apr. 25.
Ironclad door. J. B. Olson. 2,153,204; Apr. 4.
Ironer. W. E. Stilwell, Jr. 2,157,086; May 2.
Ironer control mechanism. M. S. Vincent 2,153,354; Apr. 4.
Ironer, Electric. F. F. Brueckner. 2,173,389; Sept. 19.
Ironer, Garment leg. J. H. Leef. 2,180,941; Nov. 21.
Ironer, Garment leg and sleeve. J. H. Leef. 2,180,939; Nov. 21.
Ironer, Garment sleeve. J. H. Leef. 2,180,942; Nov. 21.
Ironer, Laundry. C. J. West. 2,169,672; Aug. 15.
Ironer, Neck band. M. Holloway. 2,170,075; Aug. 22.
Ironer, Puff sleeve. L. E. Holt. 2,170,591; Aug. 22.
Ironing and pressing machine. W. T. McKay. 2,142,202; Jan. 3.
Ironing and pressing machine, Laundry. A. Dahler. 2,162,215; June 13.
Ironing apparatus. T. R. Bush. 2,179,115; Nov. 7.
Ironing board. A. I. Maldonado. 2,160,884; June 6.
Ironing board, Cabinet. J. P. Jensen. 2,160,435; May 30.
Ironing board cover. C. Ruttenberg. 2,179,458; Nov. 7.
Ironing board, Foldable. G. T. Rieter. 2,157,675; May 9.
Ironing cord support. P. W. Rom. 2,179,701; Nov. 14.
Ironing machine. G. B. Keil. 2,149,738; Mar. 7.
Ironing machine. A. O. Long. 2,147,597; Feb. 14.
Ironing machine. G. McGiveron. 2,176,529; Oct. 17.
Ironing machine. H. M. Mitchell. 2,175,086; Oct. 3.
Ironing machine. G. W. Wardwell, Jr. 2,153,403; Apr. 4.
Ironing machine cabinet. H. W. Altorfer. 2,169,753; Aug. 15.
Ironing machine, Portable. A. H. Gerhardt. 2,172,841; Sept. 12.
Ironing machine, Table top. E. B. Carson. 2,175,377; Oct. 10.
Ironing press. W. M. Emery. 2,147,485; Feb. 14.
Ironing table. G. W. Lewis. 2,159,662; May 23.
Irradiating device. M. J. Dorcas. 2,167,233; July 25.
Irrigating apparatus. M. Irwin. 2,157,756; May 9.
Irrigating implement. J. W. Adams. 2,181,540; Nov. 28.
Irrigation and drainage tube. F. L. Carswell and O. W. Schmidt. 2,153,789; Apr. 11.
Irrigation apparatus. G. W. Schutmaat. 2,174,600; Oct. 3.
Irrigation device. W. H. Coles and B. J. Nelson. 2,173,295; Sept. 19.
Irrigator, Colonic. H. Lazarus. 2,157,614; May 9.
Irritant compounds. M. E. Barker and C. E. Danner. 2,146,715; Feb. 14.
Iso-alkanes with sulphur dioxide and chlorine and products thereof, Reacting. A. L. Fox. 2,174,508; Sept. 26.
Iso-alloxazine derivatives and manufacture of same. P. Karrer. 2,155,555; Apr. 25.
Iso-butane, Manufacture of. R. F. Ruthruff. 2,172,146; Sept. 5.
Isobutenyl amines and making them. M. W. Tamele and H. P. A. Groll. 2,172,822; Sept. 12.
Isobutylene polymers of high molecular weight, Making. L. A. Bannon. 2,176,194; Oct. 17.
Isocolloid products, having controlled solubility, Manufacture of modified. L. Auer. 2,180,342; Nov. 21.
Isocyclic fused ring compounds, e. g., perylene, Preparing polynuclear. V. Weinmayr. 2,145,905; Feb. 7.
Isodibenzanthrone, Preparation of. M. A. Perkins. 2,153,312; Apr. 4.
Isophorone, Preparing. T. H. Vaughn and D. R. Jackson. 2,183,127; Dec. 12.
Isophorones, Preparation of. H. A. Bruson. 2,148,103; Feb. 21.
Isoquinoline compounds and derivatives thereof. M. Bockmühl and H. Hermann. 2,168,929; Aug. 8.
Jack: *See*—
Auto jack.
Automobile jack.
Brake pedal jack.
Bumper jack.
Cable reel jack.
Centering jack.
Chain hoist extension jack.
Compound jack.
Double acting jack.
Fluid-operated jack.
Fluid operated pump jack.
Fluid pressure operated jack.
Hydraulic drilling jack.
Hydraulic jack.
Hydraulic pumping jack.
Hydropneumatic jack.
Knitting jack.
Lift jack.
Lifting jack.
Pipe jack.
Power jack.
Pump jack.
Rail jack.
Railroad lifting jack.
Shoe jack.
Shoemaker's jack.
Store jack.
Surface rod line jack.
Trailer tongue supporting jack.
Vehicle jack.
Vehicle lifting jack.
Vibratory jack.
Jack. E. G. Gunn. 2,174,321; Sept. 26.
Jack. D. E. Haney. 2,150,831; Mar. 14.
Jack. J. W. Mead. 2,183,917; Dec. 19.
Jack. H. Nilson. 2,182,676; Dec. 5.
Jack. E. Wallace. 2,156,930; May 2.
Jack and carriage therefor. H. L. Sonderup. 2,173,598, Sept. 19.
Jack and jack holder, Multiwheeled vehicle. C. W. Carpenter. 2,145,847; Feb. 7.
Jack and making same, Hydraulic. H. R. Rosenberry. 2,153,845; Apr. 11.
Jack and wheel locking arrangement for automobiles or like vehicles, Combination lifting. P. Ostruk. 2,170,910; Aug. 29.
Jack, Apparatus to operate a. G. H. Inman. 2,161,053; June 6.
Jack, Bumper. L. D. Nilson. Re. 21,112; June 13.
Jack for automobiles, Turning table. A. Carlini. 2,156,582; May 2.
Jack for manufacturing building arches, Form. P. Thompson and H. Hanisch. 2,177,395; Oct. 24.
Jack for vehicles, Attached. P. Conradson. 2,161,136; June 6.
Jack or head, Hydraulic pump. R. B. Goode. 2,161,922; June 13.
Jack sinker. G. H. Green. 2,179,888; Nov. 14.
Jack switch, Universal. R. H. Hummert. 2,177,409; Oct. 24.
Jacking attachment. C. W. Jeremiah. 2,175,776; Oct. 10.
Jacket. P. H. Bailey. 2,173,704; Sept. 19.
Jacket and pack, Combination outdoor. O. C. Daiber. 2,165,348; July 11.
Jacket for lead pipes, Sheet metal reinforcing. W. Elsby and C. Kalishe. 2,182,552; Dec. 5.
Jacket for tooth mountings. M. B. George. 2,146,064; Feb. 7.
Jacket, Sporting. J. I. Aronson. 2,143,931; Jan. 17.
Jacquard mechanism, Electric. J. H. Bromley, Jr. 2,165,446; July 11.
Jacquard, Single cylinder stationary griff. H. V. Foster. 2,179,328; Nov. 7.
Jail locking device and the like. F. Adam. 2,148,521; Feb. 28.
Jail or the like. J. H. Lowe. 2,156,859; May 2.
Jar. F. N. Osmun. 2,172,480; Sept. 12.
Jar, Cable tool. F. D. Hobbs. 2,143,349; Jan. 10.
Jar cap tool. M. Di Grappa. 2,181,876; Dec. 5.
Jar cap tool. W. W. Harding. 2,180,235; Nov. 14.
Jar element and sealing cup, Adjustable. R. W. Banks. 2,175,735; Oct. 10.
Jar holder. P. Stellingwerf. 2,153,943; Apr. 11.
Jar, Hydraulic well. C. H. Collett. 2,180,223; Nov. 14.
Jar lifter. G. W. and D. E. Hubbard. 2,165,264; July 11.
Jar, Metallic. W. C. Mills. 2,147,263; Feb. 14.
Jar, Oil well. W. L. Foster. 2,153,883; Apr. 11.
Jar, Preserve. J. Fetzer. 2,178,140; Oct. 31.
Jar, Rotary. J. H. Bishop. 2,144,100; Jan. 17.

Jar, Rotary. G. M. Boulter. 2,144,869; Jan. 24.
Jar, Rotary. W. C. Erwin. 2,153,882; Apr. 11.
Jar, Vibrating well. W. N. Sutliff. 2,146,454; Feb. 7.
Jar wrench. J. C. Richel. 2,162,445; June 13.
Jarring tool. F. N. Osmun. 2,172,481; Sept. 12.
Jars, Adjusting device for. E. F. Raymond. 2,144,810; Jan. 24.
Jaw crusher mechanism. E. D. Rowe and H. A. Zetterlund. 2,173,862; Sept. 26.
Jaw for wire clamps, Gripping. S. P. Becker. 2,161,694; June 6.
Jellies and the like, Manufacture of. G. T. Reich. 2,185,064; Dec. 26.
Jet air pump. J. J. Wall. 2,164,263; June 27.
Jet discharging apparatus. F. W., W. D., and A. E. Sparling. 2,165,908; July 11.
Jet for garden hose. W. C. McCoy. 2,145,451; Jan. 31.
Jet pump. F. W. Walch. 2,146,100; Feb. 7.
Jewel, Extensible. G. A. J. Bezault. 2,164,562; July 4.
Jewel setting holder. W. M. and M. C. Hudgens. 2,157,789; May 9.
Jewelry. A. R. Cote. 2,156,972; May 2.
Jewelry. L. K. Stupell. 2,178,055; Oct. 31.
Jewelry and accessories, Novelty. E. K. Bradley. 2,180,726; Nov. 21.
Jewelry, Article of. G. B. K. Toth. 2,155,066; Apr. 18.
Jewelry box. J. R. Sundee. 2,180,885; Nov. 21.
Jewelry box. H. G. Valentine and A. C. Traver. 2,174,430; Sept. 26.
Jewelry chain. V. T. Surrows. 2,172,525; Sept. 12.
Jewelry, Leather. R. K. de Caracena. 2,161,506; June 6.
Jewelry, Photograph. H. G. Cave. 2,145,071; Jan. 24.
Jewelry set with diamonds, Manufacturing of. D. Swarovski. 2,163,814; June 27.
Jewels in perforated plates, Affixing. F. S. Bunker. 2,181,573; Nov. 28.
Jig and reconditioning the aligning edges of lugs of matrices as used in typesetting machines. R. J. Lloyd. 2,169,346; Aug. 15.
Jig, Bearing lining. F. T. Ford. 2,173,199; Sept. 19.
Jig, Fishing. W. G. Carter and E. P. Chandler. 2,163,666; June 27.
Jig, Trot line. O. W. Purdum. 2,158,947; May 16.
Jimmyproof lock. S. Segal. 2,158,088; May 16.
Joint: *See*—

Artificial ankle joint.
Ball and socket joint.
Ball joint.
Center joint.
Concrete box joint.
Contraction and expansion joint.
Contraction joint.
Drill rod and bit joint.
Elastic pipe joint.
Expansion and contraction joint.
Expansion joint.
Expansion pipe joint.
Flexible joint.
Friction joint.
Frozen rail joint.
Gas-tight joint.
Ground glass joint.
Insulated rail joint.
Lap joint.
Miter joint.
Pavement joint.
Pipe joint.
Pivotal joint.
Rail joint.
Riveted joint.
Road contraction joint.
Road joint.
Rotary tool joint.
Round corner joint.
Sheet material joint.
Sheet metal joint.
Slab joint.
Steam joint.
Steering knuckle joint.
Swing joint.
Transverse road joint.
Turbine casing joint.
Universal joint.
Welded joint.
Welded rail joint.
Welding and welded joint.

Joint. A. Arutunoff. 2,153,494; Apr. 4.
Joint. A. E. Brickman and G. A. Gleason. 2,162,467; June 13.
Joint. W. A. Flumerfelt. 2,167,174; July 25.
Joint. G. F. Hauf. 2,179,089; Nov. 7.
Joint. P. Zalkind. 2,142,166; Jan. 3.
Joint and apparatus for making it, Threaded. W. M. Frame. 2,183,644; Dec. 19.
Joint and cap, Expansion. R. R. Robertson. 2,149,466; Mar. 7.
Joint and making same. J. Jensen. 2,151,032; Mar. 21.
Joint and making same, Ball. A. Venditty. 2,182,601; Dec. 5.
Joint and making same, Pipe. W. B. Ewing. 2,147,431; Feb. 14.
Joint and making same, Pipe. H. W. Fletcher. 2,160,263; May 30.
Joint and method of road widening, Longitudinal or center. R. R. Robertson. 2,144,815; Jan. 24.
Joint and securing means therefor, Sheet metal. H. R. Ansel. 2,172,270; Sept. 5.
Joint arrangement. L. I. Beckwith. 2,150,795; Mar. 14.
Joint, Assembling the elements of a. H. A. Knox. 2,181,136; Nov. 28.
Joint assembly and support, Road. J. H. Jacobson. 2,178,119; Oct. 31.
Joint between body and frame. C. C. Utz and L. M. Ball. 2,144,170; Jan. 17.
Joint-closing member and making the same. E. M. Jenkins. 2,167,550; July 25.
Joint construction for concrete roads. S. Klein. 2,149,396; Mar. 7.
Joint construction, Interlocking wall. M. B. Terrell. 2,176,778; Oct. 17.
Joint construction, Paving. V. V. Malcom. 2,184,148; Dec. 19.
Joint coupling, Expansion. J. V. Morrissey. 2,143,818; Jan. 10.
Joint covering and finish, Noncracking. A. C. Benedict. 2,150,399; Mar. 14.
Joint, especially for electrical shot-firing outfits or similar provisional electrical circuits, Wire. W. Norres. 2,160,313; May 30.
Joint filling machine for bitumen filler. A. E. Stewart. 2,161,488; June 6.
Joint for bathtubs and the like. G. Sakier. 2,143,033–4; Jan. 10.
Joint for bathtubs and the like. G. Sakier. 2,145,215; Jan. 24.
Joint for ceramic materials. C. M. Carington. 2,174,913; Oct. 3.
Joint for concrete pavements or the like, Expansion. C. Older. 2,166,219; July 18.
Joint for concrete pavements, walks, or the like, Expansion. J. Banwell. 2,150,710; Mar. 14.
Joint for conductors, Sealed. V. E. Ronci. 2,169,570; Aug. 15.
Joint for connecting tubing, Standard adapter. G. H. Pfefferle. 2,148,036; Feb. 21.
Joint for dental brackets. B. A. Dickerson. 2,164,390; July 4.
Joint for gas-filled cables. G. B. Shanklin. 2,176,749; Oct. 17.
Joint for hollow cables and elements thereof and making same. E. S. McConnell. 2,161,423; June 6.
Joint for levels and squares. D. E. Semon. 2,183,086; Dec. 12.
Joint for locomotive steam pipes, Ball and slip. L. L Neebe. 2,175,550; Oct. 10.
Joint for pipes and other metal members. R. W. Bailey 2,157,885; May 9.
Joint for pipes or the like, Hydraulic rotary. F. and J. S. Lane. 2,176,532; Oct. 17.
Joint for plastic wall sections, Expansion. H. D. Lavering. 2,151,605; Mar. 21.
Joint for roofing and the like surfaces, Expansion. K. C. Jorgensen. 2,180,904; Nov. 21.
Joint for sheet metal roofing. E. M. Delk. 2,159,136; May 23.
Joint-forming and load-transfer assembly for roadways. E. A. Niel, Jr. 2,171,709; Sept. 5.
Joint having cylindrical studs. G. H. Hufferd and M. P. Graham. 2,147,815; Feb. 21.
Joint in concrete slabs or pavements. L. I. Hewes and W. Bertwell. 2,168,925; Aug. 8.
Joint installer, Doweled expansion. L. J. Westland. 2,142,294; Jan. 3.
Joint or connection. G. A. Tinnerman. 2,170,739.; Aug. 22.
Joint or support, Elastic. R. Schroedter. 2,179,959; Nov. 14.
Joint reinforcement, Board. H. K. Linzell. 2,171,210; Aug. 29.
Joint sealing and expanding means, Piston ring. H. E. Muchnic. 2,182,851; Dec. 12.
Jointsealing strip. F. E. Davenport. 2,181,530; Nov. 28.
Joint setting apparatus, Expansion. G. T. Nelson. 2,182,302; Dec. 5.
Joint structure. G. H. Hufferd and J. E. Casse. 2,147,816; Feb. 21.
Joint structure, Expansion. W. F. Wilmoth. 2,179,911; Nov. 14.
Joint structure for artificial limbs, Ankle. C. H. Davies. 2,152,402; Mar. 28.
Joint yokes, Making universal. H. Wollner. 2,142,432; Jan. 3.
Joint, Wheel arm. J. W. Leighton. Re. 21,279; Nov. 28.
Joint with asphalt and copper seal, Expansion. R. R. Robertson. 2,172,773; Sept. 12.
Jointed mechanism. J. Mercier. 2,181,949; Dec. 5.
Jointer attachment. W. M. Wylie. 2,142,433; Jan. 3.
Joints and joint strips adapted to form joints, Forming. H. C. and T. Lord. 2,150,282; Mar. 14.
Joints and repairs, Making plywood. N. R. Alenius. 2,175,654; Oct. 10.
Joints, Apparatus for use in forming Pittsburgh. G. E. Demmin. 2,159,784; May 23.
Joints, Forming rail. E. W. Backes. 2,176,287; Oct. 17.
Joints in concrete, Process and device for producing expansion. G. Wieland. 2,172,042; Sept. 5.
Joints, Making. G. M. Eaton. 2,154,037; Apr. 11.
Joints, Method of and machine for making crab. E. H. Cawthra. 2,145,040; Jan. 24.
Jointure, Mechanical. B. Rosenbaum. 2,161,978; June 13.
Joist anchor and support. G. F. Barnett. 2,176,450; Oct. 17.
Joist, Bar. J. A. Clauss. 2,147,965; Feb. 21.
Joist form and the like, Concrete. S. Rogow. 2,180,964; Nov. 21.
Joist or nailer stud, Structural. G. G. Greulich. 2,167,835; Aug. 1.
Joist or truss, Welded skeleton. F. Tench. 2,180,486; Nov. 21.
Joist structure. C. L. Lambert. 2,162,559; June 13.
Joist support, Adjustable. W. J. Masoner. 2,181,702; Nov. 28.
Journal bearing. G. R. Coleman. 2,163,586–7; June 27.
Journal bearing. E. S. Pearce. 2,154,916; Apr. 18.
Journal bearing. A. H. Dall and H. Ernst. 2,160,777; May 30.
Journal bearing. E. E. Berry and L. Hornbostel. 2,173,225; Sept. 19.

Journal box. W. Blackmore. 2,175,659; Oct. 10.
Journal box. R. J. Brittain, Jr. 2,176,244; Oct. 17.
Journal box. H. Fox. 2,181,268; Nov. 28.
Journal box. J. O. Madison. 2,159,996; May 30.
Journal box. G. McCormick. 2,143,954; Jan. 17.
Journal box. T. E. Newberry. 2,172,219; Sept. 5.
Journal box. H. R. Gibbons and O. W. Young. 2,150,893; Mar. 21.
Journal box closure. W. L. Dwyer and M. J. Healey. 2,154,892; Apr. 18.
Journal box end thrust arrangement. M. P. Blomberg. 2,165,645; July 11.
Journal box guide means. J. B. Swan. 2,165,662; July 11.
Journal box packing retainer. A. Dienstel. 2,185,075; Dec. 26.
Journal lubricator. J. J. Hennessy. 2,162,383; June 13.
Journal lubricator. J. J. Hennessy. 2,178,754; Nov. 7.
Journal lubricator. R. W. Miller. 2,144,430; Jan. 17.
Journal lubricator. R. W. Miller. 2,150,935; Mar. 21
Journal lubricator. R. W. Miller. 2,173,125; Sept. 19.
Journals, Reconditioning car. V. Wainscott. 2,151,062; Mar. 21.
Juice-expressing device. H. B. Carlson. 2,157,161; May 9.
Juice extracting and straining appliance, Fruit. S. P. Morse. 2,160,388; May 30.
Juice extracting device. H. C. Johnson. 2,177,939; Oct. 31.
Juice extracting machine. A. Ferrari, M. Scalione, and C. Rafanelli. 2,172,790; Sept. 12.
Juice extraction method. A. R. Thompson. 2,181,218; Nov. 28.
Juice extractor. L. Myers. 2,168,430; Aug. 8.
Juice extractor. L. H. Scurlock. 2,160,523; May 30.
Juice extractor, Continuous operation centrifugal. B. L. Lorenzen. 2,180,877; Nov. 21.
Juice extractor, Fruit. J. M. Majewski, Jr. 2,142,975; Jan. 3.
Juice extractor, Fruit. R. Rupert and J. M. Majewski, Jr. 2,144,390; Jan. 17.
Juice heating unit. G. H. Tay. 2,166,027; July 11.
Juice in the preparation of effervescent alcoholic drinks, Utilizing sugar cane. J. L. Talladas. 2,148,051; Feb. 21.
Juices, Apparatus to test. G. L. Baker. 2,171,823; Sept. 5.
Juices derived from plants of the cashew family, Desensitizing. M. B. Cayo. 2,183,957–8; Dec. 19.
Juices, Purification of sugar factory and refinery. D. Teatini. 2,184,570; Dec. 26.
Juices, Treating sugar. E. B. Cowan. 2,143,594; Jan. 10.
Juicing machine. F. L. McCulloch. 2,174,909; Oct. 3.
Jumper. H. Wenker. 2,172,000; Sept. 5.
Juvenile car. R. A. Klatt. 2,173,520; Sept. 19.
Kaleidoscopic device. W. Schmidt. 2,155,563; Apr. 25.
Kapok, Treating. J. D. Swoyer. 2,142,160; Jan. 3.
Keeper for the bolts of latches and the like. A. F. Lickteig. 2,174,987; Oct. 3.
Keg. G. D. Peet. 2,183,505; Dec. 12.
Keg, Heavy duty fiberboard. G. L. Studley. 2,152,610; Mar. 28.
Kerf-cutting machine. T. E. Pray. 2,165,675; July 11.
Kerf-cutting machine. W. W. Sloane. 2,143,663; Jan. 10.
Kerosene, Stabilized. A. P. Hewlett and G. E. Phillips. 2,165,261; July 11.
Ketenes and olefines, Manufacture of. S. H. McAllister and W. A. Bailey, Jr. 2,143,489; Jan. 10.
Ketenes and reaction products thereof, Recovering. K. T. Steik. 2,184,963; Dec. 26.
Keto cyclopentano dimethyl polyhydro phenanthroles and producing the same. F. Hildebrandt. 2,184,299; Dec. 26.
Keto group of calcium 5-keto-gluconate and product, Catalytic hydrogenation of the. R. Pasternack and E. V. Brown. 2,168,878.; Aug. 8.
Ketones, Aliphatic hydroxy-ether. A. F. Bowles and S. Kaplan. 2,181,476; Nov. 28.
Ketones and alcohols from olefins, Manufacture of. H. M. E. Guinot. 2,167,203; July 25.
Ketones and preparing same, Polynuclear cyclic. L. Ruzicka. 2,161,389; June 6.
Ketones, Hydrogenation of. J. Blumenfeld. 2,158,040; May 9.
Ketones, Manufacturing. C. M. Beamer. 2,179,488; Nov. 14.
Ketones, Manufacture of. D. J. Loder. 2,175,811; Oct. 10.
Ketones of the sterol series, Separating. F. Hanusch. 2,183,072; Dec. 12.
Ketones, Purification of. R. M. Deanesly. 2,166,584; July 18.
Ketones, Treating halogenated. M. de Simó and S. H. McAllister. 2,156,721; May 2.
Kettle, Combination deep fat frying. F. X. Weiman. 2,159,578; May 23.
Kettle, Cooking. V. W. Walz. 2,169,547; Aug. 15.
Kettle for tar, asphalt, and the like, Melting. W. C. Elze. 2,175,886; Oct. 10.
Key. E. N. Anderson. 2,145,618; Jan. 31.
Key. A. A. Brill. 2,155,297–8; Apr. 18.
Key blank vending mechanism. S. Yoskowitz and A. J. Gauvin. 2,148,667; Feb. 28.
Keyboard construction. W. B. Payne. 2,176,640; Oct. 17.
Keyboard for a shorthand or stenographic typewriting machine. M. den Outer. 2,154,577; Apr. 18.
Keyboard for cash registers and other calculating machines. B. Beria. 2,174,150; Sept. 26.
Keyboard for power-driven writing machines. O. J. Sundstrand. 2,155,998; Apr. 25.
Keyboard for typewriting machines and other commercial machines. E. O. Haberfeld. 2,167,150; July 25.
Keyboard locking means. K. R. Schneider and C. J. Fitch. 2,168,423; Aug. 8.
Keyboard perforator and counter. L. R. Cook and M. T. Goetz. 2,179,493; Nov. 14.
Keyboard transmitter. W. J. Zenner. 2,163,302; June 20.
Key, Can opener. O. R. Wade. 2,146,388; Feb. 7.
Key case. O. Halvorsen. 2,183,453; Dec. 12.
Key case. D. J. Nash. 2,176,863; Oct. 17.
Key check and rack. A. Drummond. 2,159,322; May 23.
Key, Collapsible tube. R. R. Benedict. 2,162,295; June 13.
Key container. E. C. Nelson. 2,180,717; Nov. 21.
Key controlled switch. W. Schmid. 2,148,881; Feb. 28.
Key cutting machine. P. W. Olson. 2,158,761; May 16.
Key cutting machine. S. Segal. 2,176,106; Oct. 17.
Key duplicating machine. M. Shepse. 2,167,008; July 25.
Key duplicating mechanism. S. Yoskowitz and A. J. Gauvin. 2,138,668; Feb. 28.
Key duplicator. D. B. Willock. 2,167,341; July 25.
Key-filing device. E. N. Howell. 2,157,788; May 9.
Key for door locks, Emergency. W. H. Wilson. 2,181,716; Nov. 28.
Key for typewriting and other machines, Finger. J. P. Ward, Jr. 2,181,955; Dec. 5.
Key holder. R. G. Cheney. 2,173,008; Sept. 12.
Key holder. I. Geller. 2,145,477; Jan. 31.
Key holder. T. Gosselin. 2,158,964; May 16.
Key holder. G. J. Howe. 2,155,014; Apr. 18.
Key holder. A. W. Lindquist. 2,183,994; Dec. 19.
Keyhole cover. R. T. White. 2,159,305; May 23.
Key, Lock. P. W. Olson. 2,157,142; May 9.
Keylock, Brake shoe. F. Schaefer. 2,176,724; Oct. 17.
Key ring construction. A. O. Schoeninger. 2,179,524; Nov. 14.
Key sender. A. Héron. 2,172,579; Sept. 12.
Keying. G. L. Usselman. 2,153,656; Apr. 11.
Keying, Idle time. H. O. Peterson. 2,160,083; May 30.
Keyless ignition switch. E. E. Saucier. 2,185,066; Dec. 26.
Keyless lock. H. A. Barrett. 2,145,853; Feb. 7.
Keyway cutting tool. H. E. Morton. 2,154,576; Apr. 18.
Kick-out device for fastener-attaching machines. O. J. Huelster. 2,164,743; July 4.
Kiln construction. R. E. Minogue. 2,153,385; Apr. 4.
Kiln construction and operation, Tunnel. P. d'H. Dressler. 2,159,965; May 30.
Kiln, Portable. C. S. Bang. 2,159,310; May 23.
Kiln ring cutting machine. O. C. Anderson. 2,176,238; Oct. 17.
Kiln, Rotary. N. S. Borch. 2,169,512; Aug. 15.
Kiln, Rotary. R. D. Cheesman. 2,165,128; July 4.
Kiln, Sludge decomposition. F. J. Bartholomew. 2,144,251; Jan. 17.
Kit, Traveling. W. E. and W. T. Ericson. 2,143,062; Jan. 10.
Kiln, Tunnel. J. J. Durieux. 2,180,041; Nov. 14.
Kinetic energy indicator for impact testing apparatus. M. A. L. Perrey. 2,177,876; Oct. 31.
Kisserite, Process for reducing. H. Zirngibl and R. Griessbach. 2,171,966; Sept. 5.
Kit, Cooking. C. P. Goerl. 2,154,305; Apr. 11.
Kit, Emergency lighting. A. and M. W. Mack. 2,165,562; July 11.
Kit, First aid. H. McDonough. 2,159,904; May 23.
Kit, Fly and bait. F. P. Wallace. 2,171,676; Sept. 5.
Kit or the like, Manicure or sewing. S. S. Joslyn. 2,167,213; July 25.
Kit, Purse kit. A. H. McNary. 2,183,428; Dec. 12.
Kit, Sewing. C. P. and L. P. Neats. 2,181,766; Nov. 28
Kit, Sewing and knitting. M. Evans. 2,176,299; Oct. 17.
Kit, Shoe polishing. J. A. Wagner 2,173,504; Sept. 19.
Kit, Toilet. W. S. Eaton. 2,180,226; Nov. 14.
Kit, Tool. F. E. White. 2,180,572; Nov. 21.
Kit, Traveling. J. Glasker. 2,167,926; Aug. 1.
Kitchen cabinet. C. B. Parsons. 2,174,274; Sept. 26.
Kitchen device. G. L. C. Earle. 2,180,459; Nov. 21.
Kitchen unit, Combination. H. D. Tietz. 2,178,411; Oct. 31.
Kitchen utensil bracket. J. E. Ewan. 2,173,159; Sept. 19.
Kitchen waste unit. A. Alexay. 2,156,075; Apr. 25.
Kitchener. E. Schneider. 2,156,516; May 2.
Kite. S. Fromme. 2,151,349; Mar. 21.
Kneading machine. F. Le Roy. 2,173,209; Sept. 19.
Kneading pump. S. Kiesskalt. 2,148,205; Feb. 21.
Knee joint protector. L. M. Spears. 2,179,903; Nov. 14.
Knee protector. W. A. Snyder. 2,154,364; Apr. 11.
Kneeler. D. R. Archer. 2,175,011; Oct. 3.
Knike. H. Bartosek. 2,170,514; Aug. 22.
Knife. A. Katzinger. 2,153,759; Apr. 11.
Knife. H. H. Stock. 2,149,193; Feb. 28.

Knife. I. Stern, B. Skolnikoff, J. J. Pesqueira, and S. Ostrolenk. 2,146,274; Feb. 7.
Knife adjustment in bread slicing machines. H. B. Tuthill and H. D. Caldwell. 2,143,460; Jan. 10.
Knife and blade therefor, Magazine. S. Rothschild. 2,172,072; Sept. 5.
Knife, Butcher. A. Blais. 2,177,975; Oct. 31.
Knife, Fish. S. L. Lee. 2,142,197; Jan. 3.
Knife for meat choppers. W. R. and R. W. Rush. 2,168,245; Aug. 1.
Knife grinding machine. F. L. Mautz. 2,183,995; Dec. 19.
Knife guide, Dobby. O. V. Payne. 2,167,052; July 25.
Knife holder. H. H. Hopkins. 2,157,412; May 9.
Knife holder. H. H. Hopkins. 2,183,074; Dec. 12.
Knife, Paring. G. Adamec. 2,178,028; Oct. 31.
Knife, Paring. W. J. Mack. 2,164,117; June 27.
Knife peeler. A. C. Tamke. 2,182,710; Dec. 5.
Knife, Pocket. E. Hyatt. 2,159,798; May 23.
Knife, Pocket. H. C. Vaisey. 2,162,654; June 13.
Knife, Power operated. C. E. Kosterman. 2,180,244; Nov. 14.
Knife rest for sharpening knives. M. V. Moeller. 2,160,979; June 6.
Knife, Rotary. G. A. Ungar. 2,153,013; Apr. 4.
Knife, Safety push button. E. J. Conklin. 2,183,378; Dec. 12.
Knife sharpening machine. W. Blankner. 2,142,105; Jan. 3.
Knife-sharpening mechanism for cutting machines. F. J. Clark. 2,183,786–7; Dec. 19.
Knife-sharpening mechanism for cutting machines. F. J. Clark and C. F. Hilgeman. 2,183,788; Dec. 19.
Knife, Skinning. N. J. Dziedzic and F. B. Bratek. 2,168,703; Aug. 8.
Knife, Slaughtering. J. A. Wilson. 2,178,129; Oct. 31.
Knife, Slotter. J. R. Lehman. 2,142,566; Jan. 3.
Knife structure. A. Wyper, Sr. 2,176,830; Oct. 17.
Knife units for meat cutters, Making. D. O. Beckner. 2,176,867; Oct. 24.
Knives, Finger rest plate on. M. Polacsek. 2,168,237; Aug. 1.
Knives in a type casting machine, Lubricating the side-trimming. G. L. Curle. 2,165,347; July 11.
Knives of paper cutting machines, Removing and replacing. E. L. Mueller. 2,146,837; Feb. 14.
Knit articles and products thereof, Coating. L. G. Copeman. Re. 21,269; Nov. 21.
Knit articles and products thereof, Coating. L. G. Copeman. 2,172,251; Sept. 5.
Knit goods comprising high tenacity rayon, Circular. M. Keller. 2,178,759; Nov. 7.
Knit material, Forming flat. J. L. Morris. 2,145,522; Jan. 31.
Knitted blanks, Making flat shaped. G. Bitzer. 2,178,319; Oct. 31.
Knitted fabric. H. H. Holmes. 2,164,289; June 27.
Knitted fabric. W. L. Houseman. 2,148,988; Feb. 28.
Knitted fabric. W. Larkin. 2,166,166; July 18.
Knitted fabric. R. H. Lawson. 2,179,336; Nov. 7.
Knitted fabric. E. S. Sachsenmaier. 2,165,012; July 4.
Knitted fabric. F. Ware. 2,170,741; Aug. 22.
Knitted fabric. W. Reynolds and F. Bonser. 2,149,071; Feb. 28.
Knitted goods, Manufacture of. T. Krasselt. 2,152,415; Mar. 28.
Knitted napped pile fabric. H. Fleisher. 2,154,155; Apr. 11.
Knitted wear. R. E. Davis, Jr. 2,183,862; Dec. 19.
Knitted wear, Stopping runs in. C. A. Barker. 2,177,425; Oct. 24.
Knitting. J. L. Getaz. 2,171,236; Aug. 29.
Knitting. J. H. Miller and F. Evans. 2,150,336; Mar. 14.
Knitting accessory. I. V. Thulin. 2,172,074; Sept. 5.
Knitting apparatus. F. Stevenson. 2,170,621; Aug. 22.
Knitting apparatus. W. J. Wesseler. 2,148,517; Feb. 28.
Knitting appliance. M. S. Allison. 2,144,825; Jan. 24.
Knitting jack. A. D. Eichner. 2,165,464; July 11.
Knitting machine. H. Agulnek. 2,175,238; Oct. 10.
Knitting machine. R. C. Amidon. 2,155,386; Apr. 25.
Knitting machine. R. L. Bunton. 2,173,646; Sept. 19.
Knitting machine. J. L. Getaz. 2,161,250; June 6.
Knitting machine. J. L. Getaz. 2,168,869; Aug. 8.
Knitting machine. W. D. Gorman. 2,159,266; May 23.
Knitting machine. M. Gottler. 2,169,836; Aug. 15.
Knitting machine. H. S. Horrocks. 2,148,622; Feb. 28.
Knitting machine. H. E. Houseman. 2,180,707–9; Nov. 21.
Knitting machine. F. Lambach. 2,182,493; Dec. 5.
Knitting machine. W. H. Lasch. 2,150,100; Mar. 7.
Knitting machine. N. Levin. 2,156,185; Apr. 25.
Knitting machine. K. R. Lieberknecht. 2,166,959; July 25.
Knitting machine. K. R. Lieberknecht. 2,176,911; Oct. 24.
Knitting machine. K. R. Lieberknecht. 2,178,591; Nov. 7.
Knitting machine. K. R. Lieberknecht. 2,183,575; Dec. 19.
Knitting machine. H. McAdams. 2,164,118–9; June 27.
Knitting machine. H. McAdams. 2,181,679; Nov. 28.
Knitting machine. V. W. Mehnert. 2,169,469; Aug. 15.
Knitting machine. M. C. Miller. 2,153,582; Apr. 11.
Knitting machine. R. K. Mills. 2,162,024; June 13.
Knitting machine. H. Richter. 2,154,384; Apr. 11.
Knitting machine. W. D. Richter, Jr. 2,170,278; Aug. 22.
Knitting machine. C. F. Schuessler. 2,150,730; Mar. 14.
Knitting machine. D. Siegel. 2,183,050; Dec. 12.
Knitting machine. J. Sirmay. 2,181,105; Nov. 21.
Knitting machine. L. Spordick. 2,165,077; July 4.
Knitting machine. A. J. Stortz. 2,181,524; Nov. 28.
Knitting machine. A. Verbeek. 2,153,602; Apr. 11.
Knitting machine. A. F. Verbeek. 2,166,851; July 18.
Knitting machine. M. Weinberg. 2,184,088; Dec. 19.
Knitting machine. F. G. Weisbecker. 2,142,959; Jan. 3.
Knitting machine. F. G. Weisbecker. 2,162,660; June 13.
Knitting machine. F. G. Weisbecker. 2,180,571; Nov. 21.
Knitting machine. A. Wigley. 2,178,317; Oct. 31.
Knitting machine. W. A. Zieve. 2,150,200; Mar. 14.
Knitting machine. W. A. Zieve. 2,174,544; Oct. 3.
Knitting machine. A. W. Ehlert and T. R. Fouts. 2,183,216; Dec. 12.
Knitting machine. A. F. Guyler, W. H. Boaler, and S. M. Fulton. 2,144,018; Jan. 17.
Knitting machine. F. J. Kienel and T. R. Fouts. 2,161,868; June 13.
Knitting machine. R. H. Lawson and A. N. Cloutier. 2,142,693; Jan. 3.
Knitting machine. R. H. Lawson and I. H. C. Green. 2,146,750; Feb. 14.
Knitting machine. R. H. Lawson and W. L. Smith, Jr. 2,159,942; May 23.
Knitting machine. B. and J. Lippman. 2,183,719; Dec. 19.
Knitting machine and in the production of fabric thereon. T. H. Jones and R. K. Mills. 2,142,754; Jan. 3.
Knitting machine and in the production of fabric thereon. R. K. Mills. 2,142,756; Jan. 3.
Knitting machine and knitting. F. P. Sieber. 2,184,851; Dec. 26.
Knitting machine and method. R. F. Raven and H. A. Raynor. 2,174,949; Oct. 3.
Knitting machine and method. M. Zimic and A. Miskovsky. 2,164,170; June 27.
Knitting machine and method of knitting. R. H. Lawson and A. Gagne. 2,143,198; Jan. 10.
Knitting machine and method, Split-foot. R. H. Lawson and A. N. Cloutier. 2,161,067; June 6.
Knitting machine and method, Wrap stripe. 2,146,303; Feb. 7.
Knitting machine and process. H. E. and W. L. Houseman. 2,148,985; Feb. 28.
Knitting machine and producing stockings thereon. H. McAdams. 2,164,337; July 4.
Knitting machine, Circular. I. W. Grothey. 2,163,461; June 20.
Knitting machine, Circular. M. Nebel. 2,143,630; Jan. 10.
Knitting machine, Circular. A. E. Page. 2,146,647; Feb. 7.
Knitting machine, Circular. J. H. Miller, P. L. Thurston, and L. W. Poole. 2,161,880; June 13.
Knitting machine, Flat. E. Eissner. 2,175,184; Oct. 10.
Knitting machine, Flat. K. R. Lieberknecht. 2,150,931; Mar. 21.
Knitting machine, Flat. O. Miller. 2,183,201; Dec. 12.
Knitting machine, Flat. A. F. Verbeek. 2,176,650; Oct. 17.
Knitting machine, Flat full-fashioned. K. R. Lieberknecht. 2,170,148; Aug. 22.
Knitting machine, Flat hosiery frame. P. Lieverknecht. 2,143,486; Jan. 10.
Knitting machine, Flatwork. P. G. Stroud. 2,162,982; June 20.
Knitting machine for drop-stitch work, Circular. J. H. Rice. Re. 20,190; Aug. 29.
Knitting machine for incorporating an elastic thread or yarn in a fabric. R. H. Lawson and A. N. Cloutier. 2,168,224; Aug. 1.
Knitting machine, Full-fashioned. E. F. Richter. 2,153,314; Apr. 4.
Knitting machine, Full fashioned circular. J. and R. H. Lawson. 2,143,952; Jan. 17.
Knitting machine, Rib. H. H. Holmes. 2,153,019; Apr. 4.
Knitting machine, Split-foot. R. H. Lawson. 2,178,911; Nov. 7.
Knitting machine, Straight. M. Richter and C. L. Hornberger. 2,169,979; Aug. 15.
Knitting machine, Straight bar. H. W. and E. Start. 2,143,613; Jan. 10.
Knitting machine, Straight-bar. H. W. and E. Start. 2,156,611; May 2.
Knitting machine, Warp stripe. R. H. Lawson and I. H. C. Green. 2,167,390; July 25.
Knitting machine yarn control. G. Bitzer. 2,145,023; Jan. 24.
Knitting machinery. J. Morton and R. S. E. Hannay. 2,155,145–6; Apr. 18.
Knitting machinery. J. Morton and W. L. C. Carter. 2,167,408; July 25.
Knitting machinery. J. Morton, R. S. E. Hannay, and W. L. C. Carter. 2,143,609; Jan. 10.
Knitting machines, Brushing attachment for. F. D. Oakes. 2,152,912; Apr. 4.
Knitting machines, Carriage rail support for. L. Robaczynski. 2,145,837; Jan. 31.

Knitting machines, Circular. A. W. Kent and H. H. Holmes. 2,151,662; Mar. 21.
Knitting machines, Electric stop mechanism for. E. Vossen. 2,161,209; June 6.
Knitting machines, Fabric take-up device for flat. J. L. Getaz. 2,169,140; Aug. 8.
Knitting machines, Patterning mechanism for. L. H. Leedham. 2,143,832; Jan. 10.
Knitting machines, Sinker cam for. R. H. Lawson and W. L. Smith, Jr. 2,145,986; Feb. 7.
Knitting machines, Stop mechanism for. J. Wachsman. 2,147,275; Feb. 14.
Knitting machines, Stop mechanism for. J. and M. Wachsman. 2,168,754; Aug. 8.
Knitting machines, Take-up mechanism for. J. A. Firsching. 2,158,177; May 16.
Knitting machines, Yarn carrier for. E. W. Boedeker. 2,147,592; Feb. 14.
Knitting machines, Yarn carrier rod stop mechanism for straight. R. Anke. 2,161,240; June 6.
Knitting method. J. L. Stemm. 2,142,767; Jan. 3.
Knitting, Method and mechanism for transferring from rib to plain. R. H. Lawson. 2,175,297; Oct. 10.
Knitting needle connector. W. H. R. Dunn. 2,183,791; Dec. 19.
Knob. J. H. Clark. 2,142,092; Jan. 3.
Knob and shaft construction. N. C. Schellenger. 2,177,287; Oct. 24.
Knob assembly, Two-piece molded. J. B. Tegarty. 2,182,007; Dec. 5.
Knob attaching device. H. Forsythe. 2,153,919; Apr. 11.
Knob attaching device. I. B. Whinery. 2,153,950; Apr. 11.
Knob fastener installation and fastener for the same. H. J. Murphy. 2,159,446; May 23.
Knob fastening installation and knob fastener. H. J. Murphy. 2,180,929; Nov. 21.
Knob, Pull. J. A. and J. P. Gits. 2,164,206; June 27.
Knob structure. J. A. and J. P. Gits. 2,171,361; Aug. 29.
Knobs or the like, Producing. F. B. Wendal. 2,157,044; May 2.
Knock-down load support. W. B. Cast. 2,160,124; May 30.
Knock-off block. W. F. Lantz. 2,142,611; Jan. 3.
Knock-out. W. H. Keller. 2,166,057; July 11.
Knot lock. W. M. Kenifick. 2,175,962; Oct. 10.
Knot tier. E. J. Abbott. 2,146,713; Feb. 14.
Knot-tying device. W. A. Huffstickler. 2,169,800; Aug. 15.
Knurler unit for cigar machines. S. Clausen. 2,151,898; Mar. 28.
Koji nutriment, Manufacturing. M. Kawata. 2,144,983; Jan. 24.
Label. H. A. Kropp. 2,167,305; July 25.
Label affixing machine. V. Lobasso. 2,179,264; Nov. 7.
Label and index holder. C. R. Chamberlin. 2,158,402; May 16.
Label and labeling. T. H. Krueger. 2,159,993; May 30.
Label and marker for lantern slides. A. W. Engel. 2,165,790; July 11.
Label and pouring spout, Combined detachable. P. N. Gardner. 2,180,045; Nov. 14.
Label applying attachment. A. Ginns and R. E. Rawling. 2,174,210; Sept. 26.
Label applying mechanism. G. W. von Hofe. 2,154,222; Apr. 11.
Label, Can top. T. M. Godfrey. 2,172,842; Sept. 12.
Label cutting and folding machine. A. Rosenthal. 2,144,084; Jan. 17.
Label folding machine. I. L. Young. 2,145,638; Jan. 1.
Label printer. H. P. Elliott. 2,152,178; Mar. 28.
Label-removing machine. R. J. Wynne. 2,170,044; Aug. 22.
Labeled articles, Surface-treating. T. H. Way. 2,169,062; Aug. 8.
Labeling. G. W. von Hofe and C. A. Claus. 2,178,979; Nov. 7.
Labeling apparatus. B. E. Taylor and J. M. McClatchie. 2,170,068; Aug. 22.
Labeling machine. G. M. Biner. 2,184,378; Dec. 26.
Labeling machine. C. Holm. 2,161,469; June 6.
Labeling machine. S. R. Howard. 2,168,525; Aug. 8.
Labels, Forming. P. M. Gilfillan. 2,153,144; Apr. 4.
Labeling machine. G. A. Robinson. 2,183,153; Dec. 12.
Labeling machine. G. W. von Hofe. 2,167,468; July 25.
Labeling machine. E. L. Knoedler and A. L. Preston. 2,166,497; July 18.
Labeling machine for bottles and the like. H. Friberg. 2,171,085; Aug. 29.
Labeling method. P. Grossman. 2,148,155; Feb. 21.
Labeling, Method of and apparatus for. G. W. von Hofe. 2,184,824; Dec. 26.
Labels and the like, Process and apparatus for cutting garment. W. A. Burkey. 2,146,934; Feb. 14.
Labels, envelopes, or the like, Gumming or moistening. H. Dornseifer. 2,142,348; Jan. 3.
Labels, Mechanism for applying. G. W. von Hofe. 2,153,355; Apr. 4.
Laboratory apparatus. E. W. Flosdorf. 2,163,996; June 27.
Lacing and tip therefor. J. R. Dennis. 2,145,476; Jan. 31.
Lacing attachment for airplane cover fabric. K. Schmidt. 2,167,687; Aug. 1.
Lacquer. W. J. Clarke. 2,170,187; Aug. 22.
Lacquer. A. H. White. 2,143,929; Jan. 17.
Lacquer and its preparation. F. Seebach. 2,167,127; July 25.
Lacquer dispensing valve. G. E. Weissert. 2,154,549; Apr. 18.
Lacquers, Applying cellulose derivative. C. Bogin. 2,150,096; Mar. 7.
Lacrymal ducts, Process and apparatus for treatment of diseased obstruction of the. V. V. Alkio. 2,154,968; Apr. 18.
Lactose containing materials, Manufacture of. F. Y. Chuck. 2,174,734; Oct. 3.
Ladder. E. J. Arps. 2,153,127; Apr. 4.
Ladder. R. W. Hull. 2,144,293; Jan. 17.
Ladder. A. J. Liebman. 2,143,783; Jan. 10.
Ladder. P. Pirsch. 2,171,863; Sept. 5.
Ladder. R. W. Pulver. 2,152,324; Mar. 28.
Ladder, Adjustable. T. Failla. 2,179,119; Nov. 7.
Ladder attachment. A. Maran. 2,174,891; Oct. 3.
Ladder attachment for supporting paint pails, Adjustable. R. Mansfield. 2,162,022; June 13.
Ladder, Collapsible. L. M. Boor. 2,182,277; Dec. 5.
Ladder construction. H. J. Heider. 2,152,846; Apr. 4.
Ladder construction. H. J. Heider. 2,178,856; Nov. 7.
Ladder construction. W. M. Webster. 2,162,040; June 13.
Ladder construction, Extension. T. Bonville. 2,153,362; Apr. 4.
Ladder, Extension. J. H. Rusby. 2,147,991; Feb. 21.
Ladder, Fireman's. A. Hummel. 2,147,370; Feb. 14.
Ladder foot. F. White. 2,163,970; June 27.
Ladder foot extension. F. Noone. 2,147,052; Feb. 14.
Ladder-foot leveling attachment. G. Panowitz. 2,146,759; Feb. 14.
Ladder for elevator car emergency exits. J. R. Bray. 2,148,099; Feb. 21.
Ladder leg attachment. E. G. Staben. 2,177,677; Oct. 31.
Ladder, Metallic. R. P. Beggs. 2,183,251; Dec. 12.
Ladder, Platform. E. L. Weaver. 2,172,860; Sept. 12.
Ladder step, Adjustable. G. Herline. 2,182,475; Dec. 5.
Ladder unit for Venetian blinds. S. H. and M. J. Hinlein. 2,142,900; Jan. 3.
Ladle and supporting the same. E. O. Holmberg. 2,165,053; July 4.
Ladle, Casting. A. Busche and J. H. Jago. 2,175,375; Oct. 10.
Ladle, Covered. M. W. Goldberg. 2,155,540; Apr. 25.
Ladle, Portable melting. R. W. Chapman. 2,155,930; Apr. 25.
Ladle, Slag. W. C. Kitto. 2,149,891; Mar. 7.
Lag compensator for electrical control systems. A. S. Riggs. 2,176,102; Oct. 17.
Lagging clutch. R. Thomas. 2,180,217; Nov. 14.
Lagging for reels. A. B. Brown. 2,172,055; Sept. 5.
Lagging for reels. A. A. Bureau. 2,172,056; Sept. 5.
Laminated article and making same. J. P. Sermattei. 2,146,034; Feb. 7.
Laminated fabric. G. Klinkenstein. 2,171,505–6; Aug. 29.
Laminated structure. A. O. Daller. 2,143,844; Jan. 17.
Laminating apparatus. L. Gold. 2,169,975; Aug. 15.
Lamp: *See*—
- Adjustable electric lamp.
- Arc lamp.
- Automobile-type lamp.
- Battery lamp.
- Bed lamp.
- Camera and flash lamp.
- Carbon lamp.
- Desk lamp.
- Direction signal lamp.
- Electric arc discharge lamp.
- Electric discharge arc lamp.
- Electric discharge lamp.
- Electric incandescent lamp.
- Electric lamp.
- Electric mine lamp.
- Enclosed arc lamp.
- Fender lamp.
- Flash lamp.
- Fluorescent lamp.
- Fluorescent sign lamp.
- Gas metallic vapor lamp.
- Glow discharge lamp.
- Glow lamp.
- Head lamp.
- High pressure arc lamp.
- Illuminating and safety lamp.
- Incandescent electric lamp.
- Incandescent lamp.
- Incandescent tubular lamp.
- Lamp and incandescent lamp.
- Metal vapor lamp.
- Nondazzle lamp.
- Portable electric lamp.
- Portable lamp.
- Reflecting electric lamp.
- Reflector bulb lamp.
- Safety clearance lamp.
- Safety lamp.
- Safety mine lamp.
- Stroboscopic lamp.
- Signal lamp.
- Surgical lamp.
- Tubular suspension lamp.
- Ultraviolet lamp.
- Vapor discharge lamp.
- Vapor lamp.
- Vehicle head lamp.
- Writing and reading lamp.

Lamp. P. C. Calissi. 2,156,617; May 2.
Lamp. J. B. Dickson. 2,147,734; Feb. 21.
Lamp. L. S. Greenmun. 2,146,181; Feb. 7.
Lamp. C. E. Meyerhoefer. 2,172,925; Sept. 12.
Lamp. H. Sadacca. 2,145,737; Jan. 31.
Lamp. S. F. Arbuckle and G. H. Coulter. 2,152,834; Apr. 4.
Lamp and coating therefor, Luminescent discharge. N. C. Beese. 2,151,496; Mar. 21.
Lamp and control circuit therefor, Arc. F. C. Coates. 2,151,745; Mar. 28.
Lamp and desk pad. M. R. Landes. 2,150,978; Mar. 21.
Lamp and incandescent lamp, Combined arc. H. J. Brunk. 2,149,505; Mar. 7.

Lamp and incandescent lamp, Combined arc. H. J. Brunk. 2,158,026; May 9.
Lamp and its manufacture, Incandescent. C. Birdseye and P. Deren. 2,144,673; Jan. 24.
Lamp and lens construction, Head. C. E. Godley. 2,142,964; Jan. 3.
Lamp and making the same, Electric. C. J. Briefer. 2,151,686; Mar. 28.
Lamp and making the same, Electric. W. J. Geiger and A. T. Gaskill. 2,159,736; May 23.
Lamp and signal support, Motor vehicle. C. H. Sweitzer. 2,153,104; Apr. 4.
Lamp and similar device, Electric. H. Jancke and M. Reger. 2,156,988; May 2.
Lamp and similar device, Electric incandescent. J. Aisch and H. Asmussen. 2,145,105; Jan. 24.
Lamp and similar devices, Electric. W. Hagen, W. Thouret, and J. Kern. 2,159,794; May 23.
Lamp and socket construction, Electric. H. A. Douglas. 2,151,089; Mar. 21.
Lamp and socket construction, Electric. H. A. Douglas. 2,151,903; Mar. 28.
Lamp and sound slit lens mounting for projectors, Exciter. E. J. Wienke. 2,146,785; Feb. 14.
Lamp and switch, Combined multilight incandescent. A. F. Bahlke. 2,177,237; Oct. 24.
Lamp base, Tubular. C. S. Peterson. 2,160,786; May 30.
Lamp changer. F. C. Rethick. 2,157,563; May 9.
Lamp composition, Fluorescent or luminescent. T. M. Cortese. 2,172,046; Sept. 5.
Lamp comprising a rotating electrode, Arc. F. Werner. 2,146,242; Feb. 7.
Lamp connecting device, Electric. J. Buser. 2,160,431; May 30.
Lamp connector. J. Wertzheiser. 2,163,902; June 27.
Lamp construction comprising a reflector. F. L. G. Schneider. 2,183,048; Dec. 12.
Lamp control means. G. Trippe. 2,165,688; July 11.
Lamp device, Gaseous electric discharge. E. G. Dorgelo, W. Elenbaas, and H. J. Lemmens. 2,152,987; Apr. 4.
Lamp device, Gaseous electric discharge. H. Ewest. 2,177,696; Oct. 31.
Lamp device, Gaseous electric discharge. H. Ewest, H. Krefft, and K. Larché. 2,152,989; Apr. 4.
Lamp device, Gaseous electric discharge. W. Hagen and W. Thouret. 2,177,714; Oct. 31.
Lamp device, Gaseous electric discharge. W. Hänlein, W. Hagen, and H. Krefft. 2,152,994; Apr. 4.
Lamp device, Gaseous electric discharge. C. J. Milner. 2,152,999; Apr. 4.
Lamp device, Gaseous electric discharge. W. Uyterhoeven. 2,177,755; Oct. 31.
Lamp for series connection, Electrical incandescent. H. F. Waters. 2,152,228; Mar. 28.
Lamp for sound recorders and reproducers, Exciter. L. T. Sachtleben. 2,158,308; May 16.
Lamp for the headlights of vehicles. T. Bovey. 2,152,836; Apr. 4.
Lamp for vehicles, Head. G. Trippe. 2,165,689; July 11.
Lamp guard, Safety. C. H. Ribble. 2,172,223; Sept. 5.
Lamp holder. F. C. De Reamer. 2,175,883; Oct. 10.
Lamp house and lamp mounting adapted therefor, Projection. B. Stechbart. 2,165,681; July 11.
Lamp husk, Electric. E. I. Clemence. 2,170,399; Aug. 22.
Lamp instrument illuminator system, Miniature. P. Kollsman. 2,171,431; Aug. 29.
Lamp lens. J. A. Morehead. 2,147,914; Feb. 21.
Lamp manufacture. J. H. Ramage. 2,183,972; Dec. 19.
Lamp materials, Treatment of photoflash. H. W. Highriter. 2,177,108; Oct. 24.
Lamp or plug and receptacle therefor. E. R. Evans. 2,181,050; Nov. 21.
Lamp or similar device, Electric. J. J. Malloy. 2,159,812; May 23.
Lamp or similar device, Electric. A. J. White and P. J. Johnson. 2,154,550; Apr. 18.
Lamp sealing-in and exhausting machine. D. G. Trutner. 2,162,209; June 13.
Lamp socket. F. C. De Reamer. 2,169,091; Aug. 8.
Lamp socket, Automatic switch. J. W. Hobbs. 2,167,756; Aug. 1.
Lamp structure. J. Wertzheiser. 2,181,646; Nov. 28.
Lamp structure. N. P. Worden and C. F. Foley 2,159,871; May 23.
Lamp structure. N. P. Worden and C. F. Foley. 2,169,627; Aug. 15.
Lamp switch, Multiple filament. F. A. Wilkins. 2,142,430; Jan. 3.
Lamp synchronizer, Flash. S. K. Edwards. 2,171,743; Sept. 5.
Lamp system, Discharge. M. A. Edwards. 2,142,837; Jan. 3.
Lamp unit. M. Reger and W. Freitag. 2,175,361; Oct. 10.
Lamp with means to reduce bulb blackening, Incandescent. L. A. Nutto. 2,151,522; Mar. 21.
Lamps and similar articles, Apparatus for sealing electric. J. F. Donovan and F. J. Malloy. 2,153,370; Apr. 4.
Lamps and the like, Apparatus for the manufacture of. E. E. Novotny. 2,163,177; June 20.
Lamps, Apparatus for prefocusing. D. E. Elmendorf. 2,154,500; Apr. 18.
Lamps, Attaching device for miner's. A. Dorsey. 2,169,067; Aug. 8.
Lamps, Making reflecting. C. Birdseye and P. Deren. 2,151,649; Mar. 21.
Lamps, tubes and the like, Apparatus for interiorly coating. O. H. Biggs. 2,160,714; May 30.
Land cultivation equipment. W. L. Coutchure. 2,143,648; Jan. 10.
Land vehicle. S. Ingildsen. 2,144,112; Jan. 17.
Land vehicle. P. Klotsch. 2,176,971; Oct. 24.
Landing gear. C. G. Seyferth. 2,142,216; Jan. 3.
Landing gear for aircraft. A. P. de Seversky. Re. 21,120; June 20.
Landing gear for amphibian airplanes. J. G. Taylor, J. A. Roche, and O. F. Spevacek. 2,159,058; May 23.
Landing gear, Retractable. D. R. Berlin, W. O. Watson, and W. Tydon. 2,150,537; Mar. 14.
Landing indicator for airports. J. L. Plummer and C. Sullivan. 2,170,338; Aug. 22.
Landscape, Apparatus for plotting the site plan for a. O. von Gruber. 2,152,309; Mar. 28.
Lane divider, Traffic. B. N. Landeen. 2,145,936; Feb. 7.
Lantern. W. J. Keller. 2,169,735; Aug. 15.
Lantern. B. Nier. 2,143,495; Jan. 10.
Lantern and using same, Projecting. G. K. Lewis. 2,147,260; Feb. 14.
Lantern, Electric. A. B. Bertrand. 2,165,531; July 11.
Lantern, Electric. L. O. Brown. 2,164,898; July 4.
Lantern, Electric. J. S. Pixley. 2,145,631; Jan. 31.
Lantern, Electric. L. M. Wiley. 2,171,349; Aug. 29.
Lantern, Hand. A. Menna. 2,157,081; May 2.
Lantern, Hand. G. Schmiedel. 2,179,056; Nov. 7.
Lantern, Hurricane. B. Nier. 2,148,215; Feb. 21.
Lantern, Signal. R. A. Shellabarger. 2,156,742; May 2.
Lantern slide. J. B. McHarg. 2,153,149; Apr. 4.
Lap. A. Schultz. 2,146,195; Feb. 7.
Lap former for cigarette machines, Nonfouling. F. Di Ianni. 2,148,685; Feb. 28.
Lap joint. W. Kroier. 2,166,064; July 11.
Lapping device, apparatus, and method. H. S. Indge and A. G. Belden. 2,153,521; Apr. 4.
Lapping machine. G. E. Hulbert and H. S. Indge. 2,151,473; Mar. 21.
Lapping machine. F. H. Markwick and L. F. Poock. 2,159,336; May 23.
Lapping machine. S. M. Shaw. 2,163,438; June 20.
Lapping machine. W. H. Wood. 2,166,085; July 11.
Lapping or abraiding, Apparatus for. W. E. Hoke. 2,170,329; Aug. 22.
Lapping or abrading tool. W. E. Hoke. 2,158,123; May 16.
Lapping or grinding. W. E. Hoke. 2,170,328; Aug. 22.
Lapel fastener. M. H. Gronauer. 2,158,719; May 16.
Lapel reinforcement. K. von Däniken. 2,163,333; June 20.
Lark, Mud H. T. Cory. 2,154,377; Apr. 11.
Lash adjuster, Hydraulic. P. E. Whalen. 2,163,969; June 27.
Last. J. Fitzpatrick. 2,181,368; Nov. 28.
Last. P. S. Jones. 2,168,292; Aug. 1.
Last. V. Levaggi, Jr. 2,149,398; Mar. 7.
Last. H. F. Loewer. 2,171,706; Sept. 5.
Last. E. E. Ouellette. 2,156,817; May 2.
Last. L. W. Reinhardt. 2,165,006; July 4.
Last and presser, Combination shoe. C. Johnson. 2,162,554; June 13.
Last, Collapsible. E. Dietze. 2,164,054; June 27.
Last for the manufacture of boots or the like. G. Lovaglio. 2,151,606; Mar. 21.
Last protection. W. H. Bain. 2,147,875; Feb. 21.
Last, Shoe. J. H. Stone. 2,157,439; May 9.
Last, Shoe and insole forming. N. Hack and D. R. Brady. 2,175,117; Oct. 3.
Last, Shoe repair. M. Choma. 2,149,334; Mar. 7.
Lasting and sole laying machine. J. W. Barna. 2,144,582; Jan. 17.
Lasting appliance. A. F. Bancroft and J. S. Kamborian 2,142,831; Jan. 3.
Lasting machine. J. W. Barna. 2,167,738; Aug. 1.
Lasting machine. W. A. Barton. 2,156,368; May 2.
Lasting machine. W. N. Bray. 2,183,666; Dec. 19.
Lasting machine. B. Jorgensen. 2,156,394; May 2.
Lasting machine. B. T. Leveque. 2,151,980; Mar. 28.
Lasting machine. A. F. Pym. 2,173,980; Sept. 26.
Lasting machine. E. E. Winkley. 2,182,834; Dec. 12.
Lasting machine. W. A. Barker and H. Lane. 2,177,765; Oct. 31.
Lasting machine. F. C. Eastman and A. F. Pym. 2,160,846; June 6.
Lasting machine. H. Müller and E. Sauer. 2,159,706; May 23.
Lasting machine. A. F. Pym and R. E. Duplessis. 2,146,762; Feb. 14.
Lasting machine. F. Ricks and J. W. Pratt. 2,170,035; Aug. 22.
Lasts, Apparatus for remodeling. J. D. Owen. 2,182,447; Dec. 5.
Latch: *See*—
Automobile latch.
Camera latch.
Compartment door latch.
Deadlocking latch.
Door latch.
Elevator latch.
Gate latch.
Handbag latch.
Hood latch.
Lock latch.
Locking door latch.
Refrigerator latch.

Latch: *See*—
Safety latch. Vehicle door latch.
Shutter leaf rebound latch. Window latch.
Table leg latch.
Latch. L. Anderson. 2,176,043; Oct. 17.
Latch. A. V. Card. 2,160,303; May 30.
Latch. F. W. E. Deverell. 2,171,174; Aug. 29.
Latch. W. D. Ferris. 2,153,827; Apr. 11.
Latch. R. H. Hamilton. 2,148,693; Feb. 28.
Latch. F. J. Harney. 2,164,584; July 4.
Latch. F. M. Hogg. 2,142,845; Jan. 3.
Latch. W. Lange. 2,166,499; July 18.
Latch. G. F. Norris. 2,172,943; Sept. 12.
Latch. W. Pease. 2,153,206; Apr. 4.
Latch. R. F. Peterson. 2,153,937; Apr. 11.
Latch. G. E. Roedding. 2,146,485; Feb. 7.
Latch. G. E. Roedding. 2,156,512; May 2.
Latch. W. M. Rossiter, Jr., and M. C. Rossiter. 2,178,313; Oct. 31.
Latch. D. Sward. 2,166,735; July 18.
Latch. H. E. Van Voorhees. 2,153,819; Apr. 11.
Latch. H. E. Woernle. 2,184,879; Dec. 26.
Latch actuating device. L. L. Anderson. 2,142,087; Jan. 3.
Latch and catch, Door. P. T. and C. P. Webb. 2,179,441; Nov. 7.
Latch and lock. S. Hart. 2,163,307; June 20.
Latch and striker construction, Door. S. Brantingson. 2,161,757; June 6.
Latch bolt and striker. J. H. Roethel. 2,151,154; Mar. 21.
Latch construction, Door. W. R. Schlage. 2,179,958; Nov. 14.
Latch device, Luggage. J. J. Fanning. 2,169,875; Aug. 15.
Latch for automobile doors. H. W. Rightmyer. 2,178,530; Oct. 31.
Latch for automobiles, Door. C. R. Bixler. 2,161,007; June 6.
Latch for cultivators, Spring. V. Needham. 2,142,454; Jan. 3.
Latch for fastenings. R. W. Hempel. 2,154,936; Apr. 18.
Latch for lantern slide frames, Spring. O. Wittel. 2,161,396; June 6.
Latch for vehicle doors, Automatic safety. E. B. Niswonger and H. E. Patchell. 2,161,930; June 13.
Latch mechanism. W. C. Devereaux. 2,183,672; Dec. 19.
Latch mechanism. A. Levine. 2,183,121; Dec. 12.
Latch mechanism. M. E. Rediger. 2,146,379; Feb. 7.
Latch mechanism. L. A. Roberts. 2,167,324; July 25.
Latch mechanism. W. R. Schlage. 2,178,378; Oct. 31.
Latch mechanism and operating means therefor. E. I. Vanderlinde. 2,156,004; Apr. 25.
Latch mechanism, Automatic door. H. E. Van Voorhees. 2,143,965; Jan. 17.
Latch mechanism for desk tops. S. S. Stephenson. 2,161,323; June 6.
Latching device. C. R. Williams. 2,164,027; June 27.
Latching means for inner drill assemblies, Fluid operated. L. L. Snyder. 2,153,815; Apr. 11.
Latching mechanism. F. Albach. 2,144,136; Jan. 17.
Latching mechanism. J. B. MacNeill and J. W. May. 2,144,502; Jan. 17.
Latching mechanism. W. S. Saunders. 2,184,086; Dec. 19.
Latex compositions. E. V. Anderson. 2,172,463; Sept. 12.
Latex, Concentration of. A. M. Clifford. 2,161,455; June 6.
Latex to deposition bases, Applying. M. E. Hansen. 2,147,293; Feb. 14.
Latex without coagulation, and product, Thickening. W. H. Holst. 2,149,961; Mar. 7.
Lath. G. A. Buttress. 2,176,327; Oct. 17.
Lath, Building. G. E. Westberg. 2,146,782; Feb. 14.
Lath bundling machine, Plaster. L. N. Sorensen and J. G. Fitzthum. 2,171,954; Sept. 5.
Lath fastener. O. G. Kelley. 2,149,528; Mar. 7.
Lathe. P. A. Abe. 2,143,255; Jan. 10.
Lathe. L. Antonelli. 2,144,955; Jan. 24.
Lathe. A. Ohera. 2,154,915; Apr. 18.
Lathe. A. G. Whitehead and R. R. Raber. 2,167,790; Aug. 1.
Lathe and other machine tools. D. Gregory. 2,165,751; July 11.
Lathe apron mechanism. W. F. Groene and H. C. Kemper. 2,160,966; June 6.
Lathe, Automatic. F. L. Cone. 2,142,557; Jan. 3.
Lathe, Bench. F. O. Hoagland. 2,167,755; Aug. 1.
Lathe chuck. L. E. Whiton. 2,151,455; Mar. 21.
Lathe, Copying. G. Clausing. 2,154,725; Apr. 18.
Lathe, Copying. G. Clausing. 2,183,134; Dec. 12.
Lathe, Crankshaft. R. Dreverhoff. 2,155,857; Apr. 25.
Lathe, Crankshaft. W. F. Groene. 2,160,402; May 30.
Lathe, Crankshaft. W. L. Groene. 2,174,083; Sept. 26.
Lathe dog, Safety. H. V. Holman. 2,173,057; Sept. 12.
Lathe, Electrically controlled automatic. W. G. Hoelscher. 2,172,999; Sept. 12.
Lathe feed mechanism, Orbital. W. F. Groene and H. J. Siekmann. 2,148,349; Feb. 21.
Lathe, Multiple spindle vertical crankshaft. W. F. Groene, H. J. Siekmann, and W. R. Meyer. 2,156,153; Apr. 25.
Lathe or the like, Contouring. G. H. Benzon, Jr. and H. R. Young. 2,142,882; Jan. 3.
Lathe, Orbital. W. F. Groene. 2,184,591; Dec. 26.
Lathe, Station type pin and line bearing. W. L. Groene. 2,174,084; Sept. 26.
Lathe transmission and the like. W. F. Groene and G. W. Luning. 2,161,545; June 6.
Lathe, Turret. W. F. Groene and H. J. Siekmann. 2,148,348; Feb. 21.
Lathe, Turret. O. Schaerer. 2,184,475; Dec. 26.
Lathes, Powered cross feed for. J. Abel. 2,170,888; Aug. 29.
Lathes, Tapering attachment for. W. G. Hoelscher. 2,173,557; Sept. 19.
Lathing. L. V. Bell. 2,168,466; Aug. 8.
Lathing. C. A. Karelius. 2,166,443; July 18.
Launder apparatus for separating and sorting materials. B. M. Bird, B. D. Thomas, and J. W. Rea. 2,147,234; Feb. 14.
Launder apparatus, Mineral sorting. H. B. Slater. 2,164,124; June 27.
Laundered articles, Method and material for marking. J. L. De Fraine and J. Y. Smith. 2,180,508; Nov. 21.
Laundering apparatus. C. J. West. 2,156,712; May 2.
Laundering, Method of. A. Ekström. 2,143,307; Jan. 10.
Laundry iron. J. S. Baker. 2,166,334; July 18.
Laundry ironing and drying roll pad. J. E. Hooper. 2,178,633; Nov. 7.
Laundry machine. F. Dewhurst. 2,180,225; Nov. 14.
Laundry machines and the like, Controlling the timing and sequence of operations in. W. G. Cleghorn. 2,180,035; Nov. 14.
Laundry waste, Purification of. O. M. Urbain and W. R. Stemen. 2,171,197; Aug. 29.
Laundry waste, Purification of. O. M. Urbain and W. R Stemen. 2,171,199; Aug. 29.
Laundry waste, Purification of. O. M. Urbain and W. R. Stemen. 2,171,201; Aug. 29.
Lauter machine. R. C. Schock. 2,150,009; Mar. 7.
Lavatory. L. R. Smith. 2,145,435; Jan. 31.
Lavatory cabinet. H. G. Coordes. 2,146,939; Feb. 14.
Lavatory device. E. Henschler. 2,167,152; July 25.
Lawn and garden tool. S. Repasy. 2,157,346; May 9.
Lawn trimming tool. P. Broward, Sr. 2,184,034; Dec. 19.
Lawns, Reconditioning. H. O. Campbell. 2,172,574; Sept. 12.
Lazy board. J. D. Clark. 2,148,058; Feb. 21.
Lead alloy. J. O. Betterton and Y. E. Lebedeff. 2,163,368–9; June 20.
Lead alloy. F. Cuvelliez. 2,157,383; May 9.
Lead alloy. B. Jones. 2,171,180; Aug. 29.
Lead alloy. B. Jones and C. Wilson. 2,145,513; Jan. 31.
Lead alloy and preparing the same. N. M. H. Bullock. 2,159,982; May 30.
Lead and alloys thereof, Purification of. G. E. Behr. 2,183,420; Dec. 12.
Lead and nitro-phenyl, Reacting a tetra-alkyl. M. S. Altamura. 2,171,423; Aug. 29.
Lead arsenate, Manufacture of. J. W. Swaine. 2,184,890; Dec. 26.
Lead chromate, etc., Production of. O. F. Tarr and W. H. Hartford. 2,173,457; Sept. 19.
Lead composition, Red. J. O. Johnstone. 2,182,436; Dec. 5.
Lead for pencils, color pencils, copying pencils, or the like, and manufacturing the same. R. Zuckert. 2,149,905; Mar. 7.
Lead from substances containing lead, Manufacture of. E. Kuss. 2,142,274; Jan. 3.
Lead-in arrangement. N. M. Rust. 2,180,722; Nov. 21.
Lead-in structure, Vacuum-tight insulated. W. E. Bahls. 2,144,558; Jan. 17.
Lead locating means and applying same. J. W. Hassee. 2,159,269; May 23.
Lead manufacture. W. H. Woodford. 2,168,381; Aug. 8.
Lead, Manufacture of multicolor. R. Zückert. 2,165,827; July 11.
Lead naphthenate, Basic. K. E. Long. 2,157,766; May 9.
Lead oxide and preparation. J. O. Johnstone. 2,182,479; Dec. 5.
Lead, Recovery of. R. B. Erickson. 2,184,520; Dec. 26.
Lead styphnate and a method of making it, Normal. B. M. Franz, J. W. Wilkinson, and S. D. Ehrlich. 2,150,653; Mar. 14.
Lead values, Recovery of. L. P. Curtin. 2,152,242; Mar. 28.
Lead-zinc Ores, Differential flotation of. A. E. Anderson and N. Hedley. 2,150,114; Mar. 7.
Leader, Fishing line. J. Augenblick. 2,170,788; Aug. 22.
Leader for fly-fishing. H. H. Hildebrandt. 2,184,187; Dec. 19.
Leads, Producing graphite writing and drawing. K. Kreutzer. 2,162,311; June 13.
Leaf holding and feeding mechanism for decorticating apparatus. R. S. Chapman. 2,146,563; Feb. 7.
Leaf spring. T. R. Weber. 2,167,598; July 25.
Leaf spring lubricator. H. H. Hasche. 2,162,718; June 20.
Leak detector. G. A. Tower. 2,176,578; Oct. 17.
Leakage, Apparatus for detecting. H. H. Hopkins. 2,171,113; Aug. 29.
Leather and fabrics, Process and apparatus for ornamenting. R. M. Sichère. 2,181,852; Nov. 28.

Leather and making same, Iron-tanned. W. Huehn. 2,178,102; Oct. 31.
Leather, Coloring of. M. Mendoza and G. S. J. White. 2,150,389; Mar. 14.
Leather composition, Artificial. H. A. Sheesley. 2,146,771; Feb. 14.
Leather, etc., Apparatus for grading. E. G. Wilson. 2,146,277; Feb. 7.
Leather, Fabric-reinforced artificial. M. O. Schur and B. G. Hoos. 2,171,419; Aug. 29.
Leather frame. C. S. Morrison. 2,154,347; Apr. 11.
Leather, Lubricating of. J. G. Niedercorn. 2,176,434; Oct. 17.
Leather, Making white. J. A. Wilson. 2,172,233; Sept. 5.
Leather manufacture, Artificial. M. O. Schur. 2,159,639; May 23.
Leather, Manufacturing artificial. S. J. B. ten Cate. 2,142,292; Jan. 3.
Leather, Material for and method of cleaning. C. L. Campbell. 2,161,504; June 6.
Leather pieces, Finishing edges of. M. Pestel. 2,177,785; Oct. 31.
Leather, Preservation of tanned. A. W. Hoppenstedt. 2,162,015; June 13.
Leather, Production of. D. M. McQueen. 2,165,870; July 11.
Leather pulp and products made therefrom. J. A. Wilson. 2,158,265; May 16.
Leather splitting machine. J. J. Stehling. 2,154,115; Apr. 11.
Leather stretching apparatus. C. H. Johanson. 2,155,833; Apr. 25.
Leather stretching machine, Variable-zone. C. H. Johanson. 2,150,894; Mar. 21.
Leather treatment. C. S. Jennings and F. W. Gerard. 2,152,312; Mar. 28.
Leather, Treatment and utilization of scrap or waste. A. R. Horowitz. 2,148,904–5; Feb. 28.
Leather, Treatment of. J. Burchill, H. A. Piggott, and G. S. J. White. 2,144,647; Jan. 24.
Leather working machine and protective device therefor. W. Russell. 2,174,895; Oct. 3.
Leathers, Manufacture of fabric-reinforced artificial. M. O. Schur and B. G. Hoos. 2,180,723; Nov. 21.
Ledge, Desk. H. J. Herfort. 2,176,178; Oct. 17.
Leg, Artificial. J. H. F. Stewart. 2,175,136; Oct. 3.
Leg, Artificial. J. C. Thompson. 2,181,031; Nov. 21.
Leg elevator for operating chairs. M. W. Baker. 2,151,729; Mar. 28.
Leg, Extensible furniture. H. M. Strickler. 2,149,195; Feb. 28.
Leg protector. A. S. Woare. 2,165,601; July 11.
Leg structure, Pressed metal. H. T. Hallowell and F. A. Bennett. 2,157,955; May 9.
Leg structure, Supporting. J. Whyte. 2,143,177; Jan. 10.
Leg-supported structure. J. F. Johnson. 2,168,710; Aug. 8.
Leg, Supporting. H. P. Nordmark. 2,170,062; Aug. 22.
Lehr feeder. N. R. Beck. 2,176,241; Oct. 17.
Lehr, Glass annealing. C. Cone. 2,162,377–8; June 13.
Lehr, Glassware annealing. F. E. Dorsey. 2,182,173; Dec. 5.
Length adjusting means for apparel elements, Effective. T. R. Arden. 2,153,068; Apr. 4.
Length-controlling apparatus, Automatic. A. Swanson. 2,164,597; July 4.
Length, Method of and apparatus for measuring small changes in. J. Sivertsen. 2,180,175; Nov. 14.
Lens. G. H. Aklin and F. E. Altman. 2,165,328; July 11.
Lens. F. E. Altman. 2,176,482; Oct. 17.
Lens. S. J. Heavyside. 2,183,885; Dec. 19.
Lens. W. Schade. 2,158,201; May 16.
Lens abrading machine. L. W. Goddu and C. H. Caldwell. 2,179,088; Nov. 7.
Lens and blank for making the same, Fused multifocal ophthalmic. J. H. Hammon. 2,177,021–2; Oct. 24.
Lens and making the same, Multifocal. A. Pellow. 2,163,130; June 20.
Lens and making the same, Multifocal. H. W. Hill. 2,173,651; Sept. 19.
Lens and making the same, Ophthalmic. O. G. Hausmann. 2,182,537; Dec. 5.
Lens and mounting therefor, Eyeshade. O. A. Kleine. 2,146,544; Feb. 7.
Lens and reflector, Combination. W. F. Allison, Sr. 2,161,842; June 13.
Lens assembly. H. W. Kost. 2,172,248; Sept. 5.
Lens assembly for motion picture projection. F. T. O'Grady. 2,168,042; Aug. 1.
Lens attachment. C. W. Frederick and W. Schade. 2,165,365; July 11.
Lens attachment. C. Ort. 2,184,018; Dec. 19.
Lens attachment for objectives, Magnifying. A. W. Tronnier, S. Roeschlein, and E. Lescher. 2,169,130; Aug. 8.
Lens blocking. L. F. Rowe. 2,151,233; Mar. 21.
Lens, Compound reading. R. E. Fosdick. 2,166,988; July 25.
Lens die, Biplanar ophthalmic. H. A. Courmettes. 2,165,131; July 4.
Lens edge-grinding machine. R. A. Tandy. 2,144,205; Jan. 17.
Lens edging machine. E. M. Long. 2,175,719; Oct. 10.
Lens, Electrical. M. Knoll. 2,172,735; Sept. 12.
Lens for automobiles, Auxiliary fog. C. A. Hirschberg. 2,158,121; May 16.
Lens, Glare-preventive. F. J. Hari. 2,166,684; July 18.
Lens grinding and polishing machine. W. A. Lockhart. 2,168,843; Aug. 8.
Lens grinding and polishing machine. E. M. Long. 2,159,620; May 23.
Lens grinding machine. J. Shannon. 2,176,154; Oct. 17.
Lens marker. J. L. Brenner. 2,178,516; Oct. 31.
Lens mechanism for photographic apparatus. W. Zapp. 2,147,567; Feb. 14.
Lens mount. J. H. McLeod. 2,161,368; June 6.
Lens mount. J. Mihalyi. 2,172,338; Sept. 5.
Lens mount adapter. O. Wittel. 2,180,027; Nov. 14.
Lens mount, Focusing. D. L. Wood. 2,143,813; Jan. 10.
Lens mounting. W. R. Uhlemann. 2,164,557; July 4.
Lens, Multicolored. C. D. Ryder. 2,170,874; Aug. 29.
Lens, Ophthalmic. A. E. Glancy and L. L. Gagnon. 2,180,003; Nov. 14.
Lens, Signal lamp. W. Trautner. 2,144,096; Jan. 17.
Lens strap mounting. W. S. Searles. 2,169,666; Aug. 15.
Lens strap structure. B. J. Lowres. 2,175,355; Oct. 10.
Lens system. C. W. Frederick and W. Schade. 2,158,178 May 16.
Lens system. W. Schade. 2,158,202; May 16.
Lens surfacing mechanism. I. N. Cassity. 2,144,179; Jan. 17.
Lens system, Corrective. A. F. Dittmer. 2,164,801; July 4.
Lens system, Ophthalmic. A. F. Dittmer. 2,174,917; Oct. 3.
Lens, Trial. K. N. Ogle. 2,149,897; Mar. 7.
Lens, Trial. K. N. Ogle. 2,183,028; Dec. 12.
Lens, Variable equivalent focal length. L. L. Mellor and A. Zaugg. 2,159,394; May 23.
Lenses, Forming unbreakable. E. G. Lloyd. 2,166,215; July 18.
Lenses, Making. L. W. Goddu. 2,151,509; Mar. 21.
Lenses, Making. R. W. Luce. 2,157,209; May 9.
Lenses, Making contact. W. Feinbloom. 2,178,873; Nov. 7.
Lenses or other image producing optical devices, Testing of. G. Collins. 2,164,576; July 4.
Lenses, Producing. T. W. Buttner. 2,169,404; Aug. 15.
Lenses, series of said lenses, and making the same, Ophthalmic. E. D. Tillyer. 2,180,887; Nov. 21.
Lenses, System of. A. C. S. van Heel. 2,178,057; Oct. 31.
Let-off for looms. O. V. Payne. 2,184,059; Dec. 19.
Letter. B. H. Adler. 2,144,954; Jan. 24.
Letter proportion varying device. H. A. Horman. 2,184,223; Dec. 19.
Letter sheet. W. E. Swift. 2,169,436; Aug. 15.
Letter sheet and envelope, Combined. C. Z. Case and C. J. Hughey. 2,152,135; Mar. 28.
Lettering. E. W. Krauter. 2,165,861; July 11.
Lettering and marking guide. E. W. Watkins. 2,181,033; Nov. 21.
Lettuce-handling apparatus. E. H. Spiegl. 2,166,561; July 18.
Lettuce packing machine. W. Dodge. 2,184,290; Dec. 26.
Leucine and tyrosine from corn gluten, Isolation of. A. M. Mark. 2,178,210; Oct. 31.
Leuco-indigo, Preparation of. N. Lamb. 2,159,930; May 23.
Leuco quinizarine, Preparing. E. Havas. 2,167,070; July 25.
Level. J. B. Boyd. 2,150,048; Mar. 7.
Level. F. G. Meder. 2,145,988; Feb. 7.
Level and inclinometer, Combination. C. C. Cox. 2,179,467; Nov. 7.
Level and transit, Combined. M. J. Crosby. 2,144,482; Jan. 17.
Level checking apparatus. D. E. Kennedy. 2,156,292; May 2.
Level, Illuminated. A. Cravaritis and P. Karlsson. 2,171,971; Sept. 5.
Level, Liquid. R. Weniger. 2,144,696; Jan. 24.
Level maintenance for television amplifiers. K. Schlesinger. 2,173,497; Sept. 19.
Leveler for gravity measuring instruments, Automatic. A. K. Birnbaum. 2,149,953; Mar. 7.
Leveler, Semicarrier land. W. H. Cahall. 2,177,864; Oct. 31.
Leveling device. L. E. Blanchett. Re. 21,194; Sept. 5.
Leveling device. R. E. Miller. 2,161,718; June 6.
Leveling machine. A. E. Jerram and C. C. Sheffield. 2,143,071; Jan. 10.
Levels, Apparatus for repairing and correcting. H. J. Kleineschay. 2,154,625; Apr. 18.
Lever. W. H. Silver. 2,150,660; Mar. 14.
Lever, Adjustable length. A. J. Desing. 2,165,460; July 11.
Lever compensation, Clamping ring. R. Campbell and J. R. Proctor. 2,174,821; Oct. 3.
Lever construction. R. A. Sandberg. 2,155,062; Apr. 18.
Lever construction, Brake. R. A. Sandberg. 2,155,061; Apr. 18.
Lever, Extension gear. W. H. Manning. 2,172,663; Sept. 12.
Lever-fastening for bands. G. T. Walker. 2,146,003; Feb. 7.

Lever for hand brakes for railway cars, Bell-crank. J. A. Hyle. 2,182,561; Dec. 5.
Lever for use as a walking beam or the like. W. H. Scales. 2,159,955; May 23.
Lever, Hand brake. A. P. Fergueson. 2,157,850; May 9.
Lever mechanism. C. S. McCarthy. 2,147,580; Feb. 14.
Lever mechanism. C. S. McCarthy. 2,174,859; Oct. 3.
Leverage mechanism for vehicle brakes, Variable. B. H. Browall. 2,171,392; Aug. 29.
Lever, Safety emergency brake. F. D. Wenn. 2,158,263; May 16.
Lever, Throttle control. D. Koonce. 2,157,792; May 9.
Lever, Variable ratio brake. A. P. Fergueson. 2,184,294; Dec. 26.
License card holder. C. G. Krook. 2,165,389; July 11.
License plate and holder therefor, Theftproof. K. W. House. 2,151,598; Mar. 21.
License plate and mounting therefor, Automobile. J. E. Vokaty. 2,173,134; Sept. 19.
License plate assembly. E. A. White. 2,171,820; Sept. 5.
License plate fastener. J. E. Hodgkinson. 2,177,215; Oct. 24.
License plate fastener. C. E. Shoup. 2,159,454; May 23.
License plate for motor vehicles, Nonremovable illuminated. F. E. Dunnam and R. H. Schmidt. 2,156,753; May 2.
License plate holder. S. L. Hogle. 2,166,994; July 25.
License plate holder. G. H. Hutaff, Jr. 2,185,084–5; Dec. 26.
License plate holder. F. Paine. 2,162,634; June 13.
License plate holder. C. Tilton. 2,157,806; May 9.
License plate lock. H. C. Christ. 2,159,254; May 23.
License plates, Securing means for. H. K. Owens. 2,178,727; Nov. 7.
Lid for hermetically sealed cans or boxes. T. Norland. 2,165,720; July 11.
Lid for produce cases, Refrigerator. W. J. Reichle. 2,143,213; Jan. 10.
Lid, Journal box. J. J. Rulíancich. 2,183,407–8; Dec. 12.
Lid, Journal box. G. A. Woodman. 2,144,280; Jan. 17.
Lid, Pour spout bucket friction. R. N. Hays. 2,177,178; Oct. 24.
Lid strapping machine, Automatic. H. and G. C. Paxton, and H. D. Benson. 2,177,075; Oct. 24.
Lid, Transparent stove. A. Grigas. 2,172,469; Sept. 12.
Lifeboat. A. W. Lyda. 2,149,850; Mar. 7.
Lifeboat safety mounting. S. I. Schwabacher. 2,182,265; Dec. 5.
Life preserver. C. V. McGuire. 2,149,616; Mar. 7.
Life preserver. J. B. Reed. 2,177,442; Oct. 24.
Lifesaving device. J. N. Stebbing, Jr. 2,169,142; Aug. 8.
Lifesaving device for submarines. J. E. Clanton. 2,169,630; Aug. 15.
Lifesaving device, Parachute garment. W. D. Upson. 2,156,210; Apr. 25.
Life saving light. J. A. Ramsey and W. O'Neal. 2,151,938; Mar. 28.
Lift, Automobile. I. Von K. Hott. 2,153,891; Apr. 11.
Lift, Fluid. I. B. Crocker and D. C. Worthy. 2,170,587; Aug. 22.
Lift for cotton presses, Automatic. T. S. Grimes. 2,171,724; Sept. 5.
Lift for covered heels, Top. W. Wood, Jr. 2,167,965; Aug. 1.
Lift for cultivator, Tool. L. J. Kepler. 2,151,117; Mar. 21.
Lift jack. W. G. Johnson. 2,184,455; Dec. 26.
Lift, Lid. G. A. and L. K. Loftin. 2,175,534; Oct. 10.
Lift mechanism for tractor attached implements. A. C. Lindgren. 2,156,570; May 2.
Lift platform, Automobile. C. E. Musgrave. 2,168,624;
Lift, Power. M. H. Woodruff. 2,155,177; Apr. 18.
Lift structure. J. F. Carter. 2,158,399; May 16.
Lift structure. J. P. McCarthy. 2,184,801; Dec. 26.
Lift, Toilet cover and seat. G. Hompesch. 2,155,548; Apr. 25.
Lifting and lowering mechanism. H. W. Shonnard. 2,151,338; Mar. 21.
Lifting device. E. R. Barrett. 2,151,886; Mar. 28.
Lifting device, Bedspring. L. Herzog. 2,145,213; Jan. 24.
Lifting device for snow removing mechanism. W. E. Klauer. 2,144,313; Jan. 17.
Lifting mechanism, Dump body. F. Biszantz and K. J. King. 2,144,828; Jan. 24.
Lifter: *See*—

Battery lifter.	Sheet lifter.
Beet lifter.	Shutter lifter.
Damped chart pen lifter.	Store-goods lifter.
Jar lifter.	Tank lifter.

Lifter and belt releaser, Straw hood. B. W. and G. G. Lefferdink. 2,182,592; Dec. 5.
Lifting and pulling device. F. D. Parker. 2,183,124; Dec. 12.
Lifting device. A. L. Johnson. 2,176,715; Oct. 17.
Lifting device. E. J. Leary. 2,168,906; Aug. 8.
Lifting jack. D. J. Bissell. 2,162,931; June 20.
Lifting jack. E. Grassmann. 2,173,685; Sept. 19.
Lifting jack. M. B. Lucker. 2,179,577; Nov. 14.
Lifting jack. H. Nilson. 22,163,959; June 27.
Lifting jack. F. V. Povandra. 2,170,595; Aug. 22.
Lifting jack. A. Rissane. 2,182,705; Dec. 5.
Lifting jack, Electrically operated. K. Eck. 2,153,516; Apr. 4.
Lifting jack, Hydraulic. F. L. Gormley and H. S. Brown. 2,165,367; July 11.
Lifting means for tractor-mounted implements. H. P. Smith. 2,164,224; June 27.
Lifting mechanism. J. J. Mizer. 2,168,489; Aug. 8.
Lifting mechanism. J. J. Mizer. 2,179,948; Nov. 14.
Lifting mechanism. J. J. Mizer. 2,181,378; Nov. 28.
Lifting mechanism. M. H. Tuft. 2,174,808; Oct. 3.
Lifting mechanism for press boxes. J. Blewett. 2,175,075; Oct. 3.
Lifting mechanism for skylights and the like. M. Anchilowitz. 2,182,574; Dec. 5.
Ligature or suture package. J. A. Austin. 2,142,707; Jan. 3.
Light: *See*—

Automatic bed light.	Signal light.
Composite light.	Signal or direction indicating light.
Life saving light.	
Motor vehicle light.	Traffic-signal light.
Pressing machine light.	Utility light.
Runway marker light.	Varicolored light.

Light. J. L. Brown and B. S. Horton. 2,184,208; Dec. 19.
Light advertising device, Changeable. W. W. Shigley. Re. 21,202; Sept. 5.
Light and load brake. R. W. Joy. 2,146,299; Feb. 7.
Light and operating the same, Source of. E. von Lepel. Re. 21,150; July 11.
Light and power system, Electric. W. S. H. Hamilton. 2,153,247; Apr. 4.
Light and sign structure, Combined street. R. W. Ranney. 2,156,194; Apr. 25.
Light and the like, Glass-roof roof. L. W. Mulford. 2,182,852; Dec. 12.
Light beams, Dividing polarized. J. A. Ball and W. C. Hoch. 2,182,142; Dec. 5.
Light bulb husk, Separable. E. I. Clemence. 2,172,347; Sept. 12.
Light control device. K. Gromus. 2,166,491; July 18.
Light device for inspecting sealed transparent containers. B. Stahmer. 2,174,848; Oct. 3.
Light filter. E. H. Land and M. Grabau. 2,184,999; Dec. 26.
Light finder, Invisible. H. P. Miller, Jr. 2,152,202; Mar. 28.
Light fixture, Electric. T. A. Stiffel. 2,184,856; Dec. 26.
Light for automobile rear storage compartments. A. E. Peterson. 2,146,701; Feb. 7.
Light for Christmas trees and the like, Decorative. E. P. Seghers. 2,180,121; Nov. 14.
Light for golf clubs. M. Aitken. 2,158,211; May 16.
Light for oil burners, Pilot. D. H. Lapointe. 2,183,749; Dec. 19.
Light for oven, Pilot. E. H. Lockwood. 2,151,782; Mar. 28.
Light for sound recorders, Exciter. J. D. Stack. 2,166,186; July 18.
Light from surfaces, Apparatus for comparing or measuring the diffuse reflection of. W. A. Johnson. 2,165,054; July 4.
Light intensity control, Arrangement for. K. Klingsporn. 2,152,807; Apr. 4.
Light modulating cell and electrode therefor. S. L. Clothier and H. C. Hogencamp. 2,163,549; June 20.
Light modulating device. J. H. Jeffree. 2,155,659–6; Apr. 25.
Light modulating device. G. Wikkenhauser and J. Sieger. 2,153,490; Apr. 4.
Light modulator, Multiple cell. S. L. Clothier and H. C. Hogencamp. 2,163,550; June 20.
Light mount. E. Brand. 2,155,752; Apr. 25.
Light outside of cold zone, Refrigerator. E. Swedman. 2,153,851; Apr. 11.
Light polarizer. E. H. Land. 2,158,130; May 16.
Light polarizer. E. H. Land and H. G. Rogers. 2,173,304; Sept. 19.
Light polarizer, Laminated. E. H. Land. 2,168,220–1; Aug. 1.
Light-polarizing body. E. H. Land. 2,165,973; July 11.
Light polarizing device. A. M. Marks. 2,167,899; Aug. 1.
Light, Production of pulsatory. C. G. Suits. 2,154,317; Apr. 11.
Light projecting device. J. B. Ayral. 2,170,675; Aug. 22.
Light projecting device. M. A. Martin. 2,182,155; Dec. 5.
Light rays, Device for deviating a pencil of. O. Eppenstein. 2,150,544; Mar. 14.
Light-sensitive electric device. F. C. Nix. 2,181,494; Nov. 28.
Light-sensitive layers. M. P. Schmidt, O. Süs, and G. Werner. 2,151,532; Mar. 21.
Light-sensitive material and making the same. C. J. Dippel, R. J. H. Alink, and K. J. Keuning. 2,183,447; Dec. 12.
Light signal. N. F. Agnew. 2,168,785; Aug. 8.
Light signal. W. B. Wells and W. K. Lockhart. 2,172,724; Sept. 12.
Light source for use in the photographic recording of sound. O. K. Kolb. 2,149,967; Mar. 7.
Light stabilizer for vinyl resins. A. K. Doolittle. 2,161,026; June 6.

Light stabilizers for vinyl resins. T. F. Carruthers and C. M. Blair. 2,157,068; May 2.
Light stop for sound recording. H. Warncke. 2,183,949; Dec. 19.
Light valve. H. M. Dowsett and L. E. Q. Walker. 2,147,693; Feb. 21.
Light valve. B. F. Miller. 2,142,573; Jan. 3.
Lighter. R. B. Bass. 2,183,706; Dec. 19.
Lighter. F. W. Keller. 2,172,709; Sept. 12.
Lighter. H. Negbaur. 2,159,769; May 23.
Lighter. O. Reich. 2,153,432; Apr. 4.
Lighter. G. P. Schmitt. 2,160,002; May 30.
Lighter. G. P. Schmitt. 2,166,266; July 18.
Lighter and case, Combined cigarette. S. De Silvestro. 2,165,998; July 11.
Lighter, Automatic under-water torch. A. Barna. 2,148,797; Feb. 28.
Lighter and dispenser, Automatic cigarette. E. W. Allen. 2,182,955; Dec. 12.
Lighter and display device, Automatic. H. E. Goldstine. 2,182,336; Dec. 5.
Lighter, Battery operated. H. Negbaur. 2,183,382; Dec. 12.
Lighter, Catalytic. A. F. Reilly. 2,170,485; Aug. 22.
Lighter, Cigar. G. F. Bahr. 2,145,204–5; Jan. 24.
Lighter, Cigar. L. C. Carissimi. 2,180,703; Nov. 21.
Lighter, Cigar. J. H. Cohen. 2,184,694; Dec. 26.
Lighter, Cigar. A. A. Johnson. 2,144,376; Jan. 17.
Lighter, Cigar. A. A. Johnson. 2,180,927; Nov. 21.
Lighter, Cigar. H. G. Lehmann. 2,180,711; Nov. 21.
Lighter, Cigar. F. Ringer. 2,161,386; June 6.
Lighter, Cigar. J. Sinko. 2,149,931; Mar. 7.
Lighter, Cigar. J. Sinko. 2,151,622; Mar. 21.
Lighter, Cigarette. A. J. Eiler. 2,179,716; Nov. 14.
Lighter, Cigarette. I. Florman. 2,156,586; May 2.
Lighter, Cigarette. L. Pengilly. 2,177,188; Oct. 24.
Lighter, Electric cigar. R. Ludovici. 2,151,479; Mar. 21.
Lighter, Electric cigar. J. Sinko. 2,180,069; Nov. 14.
Lighter, Electric torch. C. E. Cady. 2,146,561; Feb. 7.
Lighter, Electrical cigar. H. G. Shakespeare. 2,151,446; Mar. 21.
Lighter for gas burners. C. W. Mummery. 2,173,521; Sept. 19.
Lighter for wick oil burners, Gas. E. L. Baker. 2,183,273; Dec. 12.
Lighter, Friction-wheel pyrophoric. A. Dubsky. 2,168,732; Aug. 8.
Lighter, Gas. J. Prendes. 2,162,587; June 13.
Lighter, Gas. E. H. Smith. 2,180,616; Nov. 21.
Lighter, Mechanical. W. H. Roll. 2,176,150; Oct. 17.
Lighter, Pocket. W. E. Evans. 2,164,872; July 4.
Lighter, Pocket. H. Maltner. 2,164,178; June 27.
Lighter, Pocket pyrophoric. A. Goldberger. 2,162,345; June 13.
Lighting and advertising device, Combined automatic. G. P. Diaz. 2,171,079; Aug. 29.
Lighting apparatus for railway signaling systems, Approach. H. A. Thompson. 2,172,598; Sept. 12.
Lighting construction. G. F. Niemann. 2,156,768; May 2.
Lighting construction. M. S. Wideroe. 2,170,882; Aug. 29.
Lighting control apparatus. G. R. Pflasterer. 2,161,681; June 6.
Lighting control system. C. W. Nessell. 2,180,764; Nov. 21.
Lighting device. J. W. Berwick. 2,164,378; July 4.
Lighting device. C. Bol and A. Linnemans. 2,158,215; May 16.
Lighting device. L. F. Garlock. 2,163,673; June 27.
Lighting equipment. P. L. Coulter. 2,160,721; May 30.
Lighting equipment for passenger vehicles. L. C. Doane. 2,173,899; Sept. 26.
Lighting fixture. A. L. Arenberg. 2,163,225; June 20.
Lighting fixture. A. L. Arenberg. 2,167,383; July 25.
Lighting fixture. G. R. Baumgartner. 2,143,673; Jan. 10.
Lighting fixture. A. E. Blumenthal. 2,147,008; Feb. 14.
Lighting fixture. L. C. Doane. 2,170,189; Aug. 22.
Lighting fixture. J. C. Herron. 2,142,395; Jan. 3.
Lighting fixture. D. H. Holden. 2,183,647; Dec. 19.
Lighting fixture. G. F. Mudgett. 2,179,340; Nov. 7.
Lighting fixture. J. F. O'Brien. 2,162,515; June 13.
Lighting fixture. P. J. Parlato. 2,176,236; Oct. 17.
Lighting fixture. D. G. Sauf. 2,173,566; Sept. 19.
Lighting fixture. E. F. Sibbert. 2,166,646; July 18.
Lighting fixture. W. N. Shepard and A. M. Howald. 2,149,635; Mar. 7.
Lighting fixture. E. M. Soreng. 2,144,745; Jan. 24.
Lighting fixture. E. M. Soreng. 2,172,523; Sept. 12.
Lighting fixture. K. C. Welch. 2,149,109; Feb. 28.
Lighting fixture. F. C. Winkler. 2,154,296; Apr. 11.
Lighting fixture. F. C. Winkler. 2,157,945; May 9.
Lighting fixture construction. J. Levy. 2,152,197; Mar. 28.
Lighting fixture, Electric. G. E. MacFadden. 2,146,637; Feb. 7.
Lighting fixture, Electric. G. E. MacFadden. 2,162,626; June 13.
Lighting fixture hanger. W. Knapp. 2,164,527; July 4.
Lighting fixture, Indirect. C. D. Poey. 2,144,931; Jan. 24.
Lighting fixture, Luminous bowl electric. G. Ainsworth. 2,151,309; Mar. 21.
Lighting fixture, Vehicle. L. C. Doane. 2,156,621; May 2.
Lighting for alcoves. K. C. Welch. 2,147,326; Feb. 14.
Lighting, Instrument. H. C. Stuerzl. 2,143,174; Jan. 10.
Lighting, Passenger vehicle. L. C. Doane. 2,158,653; May 16.
Lighting system. L. N. Mestre. 2,183,462; Dec. 12.
Lighting system, Airport. J. B. Bartow. 2,155,295; Apr. 18.
Lighting system, Electric. P. M. Charping. 2,172,903; Sept. 12.
Lightning arrester. G. E. Andre. 2,149,827; Mar. 7.
Lightning arrester. K. B. McEachron. 2,151,559; Mar. 21.
Lighting unit. R. E. Crossley. 2,166,393; July 18.
Lighting unit. L. F. Giese. 2,161,957; June 13.
Lighting unit. P. D. Phillips. 2,167,184; July 25.
Lighting unit for ranges. D. L. Hadley and E. H. Lockwood. 2,162,504; June 13.
Lighting unit mounting. A. N. Taylor and N. P. Worden. 2,159,868; May 23.
Lightning arrester. J. S. Baker. 2,171,351; Aug. 29.
Lightning arrester. R. H. Earle and A. G. Steinmayer. 2,165,964; July 11.
Lightning arrester. S. Fujitaka and T. Takenouchi. 2,173,625; Sept. 19.
Lightning arrester. R. R. Pittman. 2,164,720; July 4.
Lightning arrester and assembling. W. E. Mittelstadt. 2,163,697; June 27.
Lightning arrester, Repulsion. R. R. Pittman. 2,169,110;
Light-out protection circuit. L. D. Dickinson and D. C. Bettison. 2,176,707; Oct. 17.
Light-polarizing particles and making same, Suspension of. E. H. Land. 2,178,996; Nov. 7.
Lightproof shipping container. A. Lapara. 2,180,682; Nov. 21.
Light-sensitive cell manufacture. C. S. Treacy. 2,157,506; May 9.
Light-sensitive control means. F. J. Couch. 2,179,009; Nov. 7.
Light-sensitive layer and making same. R. J. H. Alink and J. H. de Boer. 2,178,771; Nov. 7.
Lignin from natural cellulose compounds, Recovery of. J. G. Smull. 2,167,556; July 25.
Lignin in the presence of suitable catalysts, Products obtained from the hydrogenation of. E. G. Sherrard and E. E. Harris. 2,146,655; Feb. 7.
Lignin, Making. E. T. Olson, R. Katzen, and R. H. Plow. 2,156,159; Apr. 25.
Lignin molding compound. E. T. Olson and R. H. Plow. 2,156,160; Apr. 25.
Lignite and producing the same. E. P. Schoch. 2,183,924; Dec. 19.
Limb, Artificial. C. H. Davies. 2,152,401; Mar. 28.
Limb, Artificial. C. E. Steele and J. Beck. 2,170,580; Aug. 22.
Limbs, Attachment for artificial. T. Kohl. 2,152,141; Mar. 28.
Lime, Calcining. R. C. Newhouse. 2,171,507; Aug. 29.
Lime into stills for the recovery of ammonia, Introducing. J. C. Garrels and H. Roderick. 2,156,843; May 2.
Lime, Making plastic. W. E. Carson. 2,147,191; Feb. 14.
Lime, Production and recovery of. D. Baird. 2,176,239; Oct. 17.
Lime, Production of low arsenic. H. V. Moss. 2,147,125; Feb. 14.
Lime slaking process. H. Brooks and R. A. Davis. 2,149,269; Mar. 7.
Lime sludge, Recovery of. H. L. Joachim. 2,178,586; Nov. 7.
Limestone, Treatment of. T. C. Taylor. 2,165,735; July 11.
Limit control. W. A. Ray. 2,143,210–11; Jan. 10.
Line-casting machine. A. C. McGrath. 2,149,305; Mar. 7.
Line clamp. W. L. Brownlee. 2,179,007; Nov. 7.
Line for use on radio and other high frequencies, Artificial. J. D. Brailsford and R. F. O'Neill. 2,158,493; May 16.
Line guiding device. A. Kannegieter. 2,145,813; Jan. 31.
Line holder. G. T. Ellis and R. C. Bratton. 2,161,703; June 6.
Line holding device. T. Frank, Sr. 2,149,518; Mar. 7.
Line indicator for sidewise opening books. B. E. Van Alstyne. 2,181,615; Nov. 28.
Line justification method and means for typewriting machines. C. E. Ritterholz. 2,162,565; June 13.
Line leveling device, Portable. H. L Prout. 2,149,360; Mar. 7.
Lineman's protector. F. L. Pittman. 2,173,634; Sept. 19.
Line resonator and electron discharge device circuit therefor. O. E. Dow. 2,183,215; Dec. 12.
Line-retrieving apparatus. F. Holmes and V. G. Klein. 2,166,054; July 11.
Line securing device. E. C. Behnke. 2,142,776; Jan. 3.
Line securing device. R. E. Schreiber. 2,164,949; July 4.
Line-service rack. R. H. MacKinnon. 2,175,778; Oct. 10.
Line spacing and paragraphing mechanism. T. C Rhodes. 2,170,696; Aug. 22.
Line spacing mechanism. E. Buschmann. 2,156,371; May 2.
Line-spacing mechanism. H. Schüler. 2,174,064; Sept. 26.

Line splice. W. G. Fotsch. 2,144,050; Jan. 17.
Line splice. W. G. Fotsch. 2,177,364; Oct. 24.
Line tightener. W. J. Boudreau. 2,170,292; Aug. 22.
Line tightener. M. and A. Jacob and J. Maravalli. 2,168,954; Aug. 8.
Line tightener and fastener. H. A. Linman. 2,164,995; July 4.
Line-up, Interchangeable. O. Ivanek. 2,163,978; June 27.
Linear control circuit. J. S. Campbell. 2,155,966; Apr. 25.
Linear dimension gauge, Automatic. E. E. Oehmichen. 2,165,647; July 11.
Liner. G. D. Johnson. 2,143,072; Jan. 10.
Liner, Abrading. F. Postma. 2,153,272; Apr. 4.
Liner and curtain for containers. H. H. Rice. 2,178,434; Oct. 31.
Liner construction. J. W. MacClatchie, G. D. Johnson, and C. A. Thies. 2,163,885; June 27.
Liner, Drillable well. E. B. Hall and A. L. Armentrout. 2,155,129; Apr. 18.
Liner for ball mills. E. M. Houghton. 2,158,187; May 16.
Liner for baskets, Display. W. Schwarz. 2,143,662; Jan. 10.
Liner for cartons and making same, Dividing. R. M. Bergstein. 2,154,085; Apr. 11.
Liner for coffee-grounds holders of coffee makers. R. T. Pitt. 2,150,588; Mar. 14.
Liner for condenser tubes. R. E. Dillon and A. E. Mace. 2,143,477; Jan. 10.
Liner for drums, Protective. A. J. Moses and E. C. Chapman. 2,164,074; June 27.
Liner for shoes, Toe and vamp. A. T. Prewitt. 2,180,996; Nov. 21.
Liner, Garbage can. E. R. Werdin. 2,159,192; May 23.
Liner hanger. E. B. Hall and A. L. Armentrout. 2,171,847; Sept. 5.
Liner material, Forming. C. E. McManus. 2,149,532; Mar. 7.
Liner or the like, Basket. W. J. Miskella. Re. 21,220; Sept. 26.
Liner puller. W. A. Redell and J. M. Wiley. 2,151,616; Mar. 21.
Liner removing device. C. C. Brown. 2,167,445; July 25.
Liner segment. C. B. Cushwa and T. L. White. 2,181,508; Nov. 28.
Liner setter. C. H. Collett and A. R. Thompson. 2,158,406; May 16.
Liner, Shoe, Safety. G. W. Moore. 2,183,654; Dec. 19.
Liner, Vehicle-spring. T. H. Thompson. 2,175,230; Oct. 10.
Lines, Reinforced crossing of. J. F. E. Grand. 2,148,940; Feb. 28.
Lining and beveling machine. V. E. Royle. 2,184,128; Dec. 19.
Lining and coating of pipes, Protective. O. G. Goldman. 2,182,227; Dec. 5.
Lining, Flume and ditch. R. Adler. 2,170,671; Aug. 22.
Lining for walls of insulated cabinets, Metal. D. E. Hunter. 2,153,868; Apr. 11.
Lining, Glued Jordan. H. D. Stuck. 2,165,947; July 11.
Lining, Hair inner. M. J. Sheerr. 2,168,002; Aug. 1.
Lining, Journal bearing. R. J. Harry. 2,163,090; June 20.
Lining, Necktie. C. E. Campagnoli. 2,174,966; Oct. 3.
Lining, Teat-cup. H. M. Flint and J. E. Moe. 2,164,706; July 4.
Lining unit for burial cases. E. C. Bowler, Jr. 2,181,504; Nov. 28.
Linings, Apparatus for heat treating furnace. W. E. Moore and W. B. Wallis. 2,174,927; Oct. 3.
Linings, Obtaining copper. P. Misciattelli. 2,183,202; Dec. 12.
Linings, Treating shoe. D. La Valle. 2,160,878; June 6.
Lingerie pin. P. F. Starr. 2,159,572; May 23.
Link. C. F. Lautz. 2,169,496; Aug. 15.
Link. J. J. Schoeninger. 2,167,491; July 25.
Link, Adjustable. F. A. Kommer. 2,149,023; Feb. 28.
Link assembly. R. F. Peo and G. M. Magrum. 2,184,398; Dec. 26.
Link body and making same. G. H. Hufferd. 2,178,858; Nov. 7.
Link, Cable end. J. P. Ratigan. 2,165,413; July 11.
Link, Connecting. L. G. Ehmann. 2,175,504; Oct. 10.
Link, Connecting. H. G. Shakespeare. 2,158,838; May 16.
Link connection and making same. J. W. Leighton. 2,146,149; Feb. 7.
Link construction, Check. E. P. Kniesche. 2,144,845; Jan. 24.
Link for separable fasteners, Coupling. L. H. Morin and D. Marinsky. 2,170,421; Aug. 22.
Link for tire chains. Resilient cross. W. J. Lutey. 2,172,515; Sept. 12.
Link for tire chains, Tread. P. M. Hall. 2,180,098; Nov. 14.
Link or strut. J. M. Nickelsen. 2,159,859; May 23.
Link reinforcement, Forming a. E. A. Conner and W. E. Myers. 2,180,100; Nov. 14.
Link, Repair. B. E. Barnes. Re. 21,093; May 23.
Link, Surge. E. F. Boothe. 2,152,864; Apr. 4.
Link trimming and fuse sizing mechanism. E. H. Taylor. 2,148,591; Feb. 28.
Linkage for measuring instruments, Resilient. C. W. Bristol. 2,167,872; Aug. 1.
Linkage mechanism. C. C. Glidden. 2,168,645; Aug. 8.
Linkage, Steering. C. A. Chayne. 2,175,429; Oct. 10.
Linkage system. W. L. Sutton. 2,184,260; Dec. 19.
Linkage, Vibratory mechanical. H. H. Engemann. 2,176,895; Oct. 24.
Linking gauge. A. Standlee. 2,163,920; June 27.
Linoleum cutting machine. H. G. Marion and C. F. Reer. 2,149,025; Feb. 28.
Linoleum handling apparatus. C. Salyers. 2,156,820; May 2.
Lint collector for textile machines. C. C. Cadden. 2,147,190; Feb. 14.
Lint condenser. J. C. Rogers and R. Sims. 2,146,699; Feb. 7.
Lint flue and condenser. J. C. Rogers. 2,146,698; Feb. 7.
Lint, Method of and apparatus for removing. J. P. Lawrence and E. Szekely. 2,175,608; Oct. 10.
Lip exerciser. W. L. Jacobson. 2,164,458; July 4.
Lipstick. L. L. Kole. 2,162,584; June 13.
Lipstick and blender, Combination. M. B. Jones. 2,171,794; Sept. 5.
Lipstick and cigarette holder. S. M. Peck. 2,173,694; Sept. 19.
Lipstick and perfume container, Combined. W. O. Mitchell. 2,178,997; Nov. 7.
Lipstick container. A. C. Hoffman. 2,145,832; Jan. 31.
Lipstick container. A. C. Hoffman. 2,165,632; July 11.
Lipstick container. A. C. Hoffman. 2,171,112; Aug. 29.
Lipstick device. J. L. Younghusband. 2,159,872–3; May 23.
Lipstick holder. N. Kasdan and R. F. Landwehr. 2,143,155; Jan. 10.
Lipstick holder. P. A. Sechrist. 2,163,355; June 20.
Lips closing appliance for corpses. A. Ebert. 2,162,612; June 13.
Liquid, Apparatus for heating. J. T. Byrne. 2,143,841; Jan. 17.
Liquid applying device. J. S. Stull. 2,172,550; Sept. 12.
Liquid applying machine. E. Mueller. 2,161,187; June 6.
Liquid, Aqueous heat transfer. E. J. Morgan. 2,150,936; Mar. 21.
Liquid attemperating device. F. G. Cornell, Jr. 2,178,661; Nov. 1.
Liquid circulating device. C. C. Coons. 2,161,408; June 6.
Liquid coating composition. T. F. Bradley. 2,169,577; Aug. 15.
Liquid coating composition. J. E. Flint. 2,184,182; Dec. 19.
Liquid coating composition. C. Tobis. 2,167,537; July 25.
Liquid coating compositions and lakes therefor. A. Siegel. 2,173,699; Sept. 19.
Liquid composition. F. M. Clark. 2,175,877; Oct. 10.
Liquid container. J. G. Brewer. 2,170,007; Aug. 22.
Liquid content indicator. H. S. Polin. 2,159,531; May 23.
Liquid control. W. J. Hughes. 2,183,075; Dec. 12.
Liquid control. C. G. Kronmiller. 2,146,680; Feb. 7.
Liquid control system. M. H. Loughridge. 2,171,579; Sept. 5.
Liquid cooler. R. Markley, Jr. 2,144,985; Jan. 24.
Liquid cooler. C. E. Quinn. 2,144,809; Jan. 24.
Liquid cooling and dispensing attachment for cooling cabinets. C. J. Romberg. 2,142,763; Jan. 3.
Liquid countercurrent method and apparatus, Immiscible. M. D. Mann, Jr. 2,153,507; Apr. 4.
Liquid delivery pump. T. L. Bonen. 2,174,564; Oct. 3.
Liquid dielectric compositions. G. H. Coleman and L. F. Berhenke. 2,169,995; Aug. 22.
Liquid, Disabling. C. E. Howett. 2,171,701; Sept. 5.
Liquid dispenser. C. W. Crowell. 2,177,056; Oct. 24.
Liquid dispenser. O. G. Dennison. 2,179,588; Nov. 14.
Liquid dispenser. T. J. Dykema. 2,156,112; Apr. 25.
Liquid dispenser. J. Olson and H. E. Dahlstrom. 2,165,570; July 11.
Liquid dispenser. W. J. Peter. 2,145,572; Jan. 31.
Liquid dispenser. G. Reisinger and J. Farkas. 2,157,966; May 9.
Liquid dispenser. W. C. Urton. 2,179,390; Nov. 7.
Liquid dispenser filter. J. T. Dickson. 2,155,259; Apr. 18.
Liquid dispensing apparatus. J. N. Anagno. 2,176,947; Oct. 24.
Liquid dispensing apparatus. R. H. Arnold, W. G. Polhamus, and H. Somervell. 2,159,625; May 23.
Liquid dispensing apparatus. A. R. Bond. 2,163,772; June 27.
Liquid dispensing apparatus. E. H. Bradley. 2,161,756; June 6.
Liquid dispensing apparatus. W. M. Carroll. 2,169,635; Aug. 15.
Liquid- dispensing apparatus. W. Dalton. 2,164,172; June 27.
Liquid dispensing apparatus. W. H. De Lancey. 2,171,687; Sept. 5.
Liquid dispensing apparatus. R. J. Jauch, W. G. Polhamus, and R. H. Arnold. 2,160,459; May 30.
Liquid dispensing apparatus. R. J. Jauch, F. W. Sturm, and W. M. Griffin. 2,157,087; May 2.
Liquid dispensing apparatus. R. J. Jauch, F. W. Sturm, S. Hinds, and E. J. Thompson. 2,172,065; Sept. 5.

Liquid dispensing apparatus. J. A. Logan and W. H. De Lancey. 2,160,386; May 30.
Liquid dispensing apparatus. J. A. Logan and W. H. De Lancey. 2,171,707; Sept. 5.
Liquid dispensing apparatus. P. Lohn. 2,180,989; Nov. 21.
Liquid dispensing apparatus. H. E. Rubens. 2,158,948; May 16.
Liquid dispensing apparatus. F. C. Selleck. 2,144,465; Jan. 17.
Liquid dispensing apparatus. H. L. Spaunburg, E. Wild, and O. Wild, Jr. 2,159,109; May 23.
Liquid dispensing apparatus. F. W. Sturm. 2,180,619; Nov. 21.
Liquid dispensing apparatus. F. W. Sturm and B. J. Pepper. 2,182,766; Dec. 5.
Liquid dispensing apparatus. T. L. Titus. 2,169,454; Aug. 15.
Liquid dispensing apparatus. C. Walker. 2,176,827; Oct. 17.
Liquid dispensing apparatus. H. E. Warr and E. H. Schwab. 2,161,988; June 13.
Liquid dispensing apparatus. J. C. Woodford. 2,166,924; July 18.
Liquid dispensing apparatus. H. Wydler. 2,157,745; May 9.
Liquid dispensing apparatus computing registering mechanism. E. M. Orbeck. 2,161,765; June 6.
Liquid dispensing container. M. Feld. 2,167,448; July 25.
Liquid dispensing container, Collapsible paper board. D. Bensel. 2,155,636; Apr. 25.
Liquid dispensing dispenser. F. Reade. 2,181,521; Nov. 28.
Liquid dispensing device, Sterilized. M. C. Schwab. 2,156,314; May 2.
Liquid dispensing means. W. C. Buttner. 2,176,579; Oct. 17.
Liquid dispensing system. A. G. Wheler and M. J. Roznowski. 2,168,636; Aug. 8.
Liquid dispensing systems, Filling. E. G. Hedges and R. Stickles. 2,160,501; May 30.
Liquid dispensing valve. H. J. Meyer. 2,184,194; Dec. 19.
Liquid dispensing valve. T. L. Titus. 2,156,518; May 2.
Liquid distributing apparatus. C. F. Blood. 2,149,660; Mar. 7.
Liquid distributing device. V. H. Matthews. 2,182,927; Dec. 12.
Liquid distributor. J. Q. Cope. 2,150,491; Mar. 14.
Liquid dividing feed mechanism. A. von Wangenheim and W. S. Landon. 2,155,368; Apr. 18.
Liquid feed apparatus. M. J. Smith. 2,183,875; Dec. 19.
Liquid filtering receptacle. L. O. Brown. 2,775,714; Oct. 10.
Liquid flow control apparatus. J. F. Putnam and E. E. Edwards. 2,166,370; July 18.
Liquid flow meter. F. Kruspi. 2,146,827; Feb. 14.
Liquid flow regulating means. S. H. Hall. 2,167,837; Aug. 1.
Liquid for use in said method, Method of copying and moistening. T. R. Cochran. 2,144,104; Jan. 17.
Liquid from a bottle or like container, Device for delivering a measured quantity of. T. H. Robertshaw. 2,156,606; May 2.
Liquid from solid matters suspended therein, Apparatus for separating a. I. E. Johannson. 2,181,456; Nov. 28.
Liquid fuel burner. K. P. Brace and V. W. Kliesrath. 2,167,444; July 25.
Liquid fuel burner. W. B. Garner and H. R. Carter. 2,159,847; May 23.
Liquid fuel burner. G. P. Haynes and S. Letvin. 2,177,781; Oct. 31.
Liquid fuel burner. E. C. Walker. 2,164,225; June 27.
Liquid fuel burner. W. G. Walling. 2,180,183; Nov. 14.
Liquid fuel burner. L. L. Williams. 2,147,225; Feb. 14.
Liquid-fuel-burning apparatus. W. H. Bergey. 2,168,859; Aug. 8.
Liquid fuel furnace. S. H. Hook. 2,149,770; Mar. 7.
Liquid-fuel meter. G. F. Deady. 2,148,443; Feb. 28.
Liquid fuel tank. J. D. Elsom. 2,172,836; Sept. 12.
Liquid gauge. O. B. Arntzen. 2,166,779; July 18.
Liquid gauge. W. A. Oates. 2,147,365; Feb. 14.
Liquid gauge. G. W. Scheurich. 2,171,899; Sept. 5.
Liquid halogenated compositions. F. M. Clark and W. M. Kutz. 2,169,872; Aug. 15.
Liquid heater. F. H. McCormick. 2,157,910; May 9.
Liquid heating apparatus. H. W. O'Dowd. 2,182,735; Dec. 5.
Liquid in a pipe system, Method and apparatus for effecting circulation of a. N. W. Unge. 2,170,225; Aug. 22.
Liquid in a tank, Measuring a quantity of. A. I. Odier. 2,162,180; June 13.
Liquid into constituent parts, Separating a. P. Schuftan and F. Steinbacher. 2,180,553; Nov. 21.
Liquid level control. P. E. Kuhl. 2,176,741; Oct. 17.
Liquid level control device. E. T. Dahl. 2,180,844; Nov. 21.
Liquid level control system. J. V. Thomas. 2,178,866; Nov. 7.
Liquid level gauge. M. E. Hubbard. 2,164,243; June 27.
Liquid level gauge. G. J. Oestreicher. 2,182,749; Dec. 5.
Liquid level indicating device. G. Kiner. 2,148,075; Feb. 21.
Liquid level indicator. G. Gilles and H. Lustin. 2,143,597; Jan. 10.
Liquid level indicator. M. B. Hall. 2,158,785; May 16.
Liquid level indicator. A. E. Jurs. 2,144,113; Jan. 17.
Liquid level indicator. L. P. Kellogg. 2,174,700; Oct. 3.
Liquid level indicator. L. W. Kinney, Jr. 2,159,275; May 23.
Liquid level indicator. T. C. McKee. 2,160,276; May 30.
Liquid level regulation apparatus. A. J. Weinig. 2,143,669; Jan. 10.
Liquid levels in storage batteries, System and means for controlling. F. L. Orr. 2,161,776; June 6.
Liquid measuring and dispensing apparatus. J. Fraser. 2,161,920; June 13.
Liquid measuring and dispensing device. H. Selitzky. 2,183,370; Dec. 12.
Liquid measuring and filling apparatus. O. Larsen. 2,156,788; May 2.
Liquid measuring device. C. S. Hazard. 2,162,254; June 13.
Liquid measuring device. C. A. Long. 2,147,048; Feb. 14.
Liquid measuring device. L. N. Markwood. 2,149,303; Mar. 7.
Liquid measuring device. G. Nall. 2,174,424; Sept. 26.
Liquid measuring device, Gravity. G. E. McConnell. 2,165,565; July 11.
Liquid meter. C. K. Bassett. 2,163,444; June 20.
Liquid meter. C. K. Bassett. 2,174,306; Sept. 26.
Liquid meter. D. H. McGogy. 2,176,998; Oct. 24.
Liquid, Noncorrosive antifreeze. H. Lamprey. 2,173,689; Sept. 19.
Liquid, Noncorrosive antifreeze F. R. Whaley. 2,172,075; Sept. 5.
Liquid or semiliquid substances, Apparatus for delivering. F. N. Trier and P. F. Crothers. 2,175,652; Oct. 10.
Liquid pressure control apparatus. C. R. Hanna. 2,179,292; Nov. 7.
Liquid pressure remote control system. E. C. S. Clench. 2,155,529; Apr. 25.
Liquid-proportioning device. R. E. Bassett, Jr. 1,246,929–30; Feb. 14.
Liquid purification. O. M. Urbain and W. R. Stemen. 2,148,970; Feb. 28.
Liquid refiner. J. K. Russell, W. B. Collins, and W. W. Boggs. 2,181,608; Nov. 28.
Liquid, Sampling a. D. L. Parkhurst. 2,155,442; Apr. 25.
Liquid sampling apparatus. R. M. Slough. 2,183,338; Dec. 12.
Liquid separator. H. V. King. 2,180,811; Nov. 21.
Liquid substances, Solidified normally. S. Jacobowitz. 2,165,857; July 11.
Liquid supply and control device. W. A. Frantz and J. J. McCabe. 2,154,566; Apr. 18.
Liquid transfer mechanism. J. Muller. 2,175,304; Oct. 10.
Liquid transferring apparatus. H. W. Mattson. 2,176,635; Oct. 17.
Liquid treating apparatus. J. J. Mojonnier. 2,169,054; Aug. 8.
Liquid treating plant. H. G. Mojonnier. 2,179,949; Nov. 14.
Liquid vender, Automatic. J. M. Alexander. 2,168,552; Aug. 8.
Liquid with a gas, Apparatus for mixing a. J. Kahn. 2,170,531; Aug. 22.
Liquids, Aeration of. A. J. Fischer and N. B. Lund. 2,165,889; July 11.
Liquids and gases, Treating. G. C. Unger, Jr. 2,174,147; Sept. 26.
Liquids and semiliquids, Treating. E. C. and K. M. Eberts. 2,167,881; Aug. 1.
Liquids and vapors, Apparatus for fractionating. G. W. Rollin. 2,148,647; Feb. 28.
Liquids and viscous materials, Apparatus for delivering. T. C. E. Rowland and H. Parker. 2,157,970; May 9.
Liquids, Apparatus for atomizing. H. Holmboe and A. B. Cosper. 2,171,932; Sept. 5.
Liquids, Apparatus for biologic purification of. H. N. Jenks. 2,168,208; Aug. 1.
Liquids, Apparatus for blending. A. H. Riney and L. T. Gibbs. 2,145,132–3; Jan. 24.
Liquids, Apparatus for demulsifying and settling. W. M. Mount. 2,156,123; Apr. 25.
Liquids, Apparatus for dispensing of. H. H. E. Werneman. 2,150,198; Mar. 14.
Liquids, Apparatus for distilling. A. R. Nevitt. 2,159,566; May 23.
Liquids, Apparatus for handling. G. A. Petroe. 2,151,935; Mar. 28.
Liquids, Apparatus for raising. J. P. Stephens, C. M. Rader, F. E. Steele, and W. F. Flood. 2,142,481; Jan. 3.
Liquids, Apparatus for sampling. J. d'A. Clark. 2,164,498; July 4.
Liquids, Apparatus for straining. C. C. Tiedman. 2,146,692; Feb. 7.
Liquids, Apparatus for treating. G. Raymond. 2,167,160; July 25.
Liquids, Atomizing. A. J. Loepsinger. 2,182,897; Dec. 12.

Liquids by gases, Apparatus for the saturation of. R. E. Roth. 2,172,035; Sept. 5.
Liquids by heating, Sterilizing. L. de Jonge. 2,173,411; Sept. 19.
Liquids, Deaerating. E. W. Smith. 2,147,677; Feb. 21.
Liquids, Device for laboratorical measuring of. I. Szecsi. 2,153,105; Apr. 4.
Liquids, especially water, Deacidification of. O. Liebknecht. 2,155,318; Apr. 18.
Liquids, Filtering and purifying. R. A. Hetzer. 2,142,726; Jan. 3.
Liquids from wells, Elevating. C. S. Crickmer. 2,144,144; Jan. 17.
Liquids having relatively high boiling points, Distillation of. K. Sondermann. 2,179,833; Nov. 14.
Liquids, Irradiating. B. O'Brien. 2,147,857; Feb. 21.
Liquids, Method and apparatus for contacting immiscible. A. G. Schuessler and R. W. Leslie. 2,176,806; Oct. 17.
Liquids, Method of and apparatus for packaging. F. M. Schukraft. 2,158,837; May 16.
Liquids or moist substances, Apparatus for desiccating or drying. J. Brabak. 2,159,248; May 23.
Liquids, Packaging. C. W. Vogt. 2,177,919; Oct. 31.
Liquids, Process and apparatus for the continuous extraction or treatment of. C. Coutor. Re. 21,168; Aug. 1.
Liquids, Stabilizing volatile. P. D. Barton, K. Finsterbusch, and N. M. Floyd. 2,183,604; Dec. 19.
Liquids such as milk, Apparatus or plant for treating. H. F. Goodman. 2,177,248; Oct. 24.
Liquids to silent electric discharge, Apparatus for subjecting. J. M. Harris, Jr., and C. A. Matherne. 2,167,718; Aug. 1.
Liquids, Treating. I. M. Colbeth. 2,183,486; Dec. 12.
Liquids, Treating electrically conducting. L. A. Trofimov. 2,166,671; July 18.
Liquids with liquids, Apparatus for extracting. T. C. Albin. 2,154,144; Apr. 11.
Liquids with sulphur dioxide. Treatment of. A. C. Pope and W. E. Pfleger. 2,166,072; July 11.
Liquor, Method of and apparatus for burning waste. G. H. Tomlinson and L. S. Wilcoxson. 2,161,110; June 6.
Liquor, Method of and apparatus for treating pulp residual. G. H. Tomlinson, and L. S. Wilcoxson. 2,179,456; Nov. 7.
Liquors, Artificial maturing of alcoholic. L. F. Little. 2,180,685; Nov. 21.
Liquors, Making. A. Shapiro. 2,160,036; May 30.
Liquors, Utilization of the heat content of hot residual. B. Kranz. 2,159,899; May 23.
Liquors, Vitaminizing malted. J. W. D. Chesney. 2,175,340; Oct. 10.
Lister. W. H. Silver. Re. 21,266; Nov. 14.
Lister. W. H. Silver. 2,144,347; Jan. 17.
Listing adding machine. L. P. Crosman. Re. 21,050; Apr. 18.
Listing apparatus. H. K. Jensen. 2,174,088; Sept. 26.
Listing machine. E. F. Britten, Jr. 2,164,227; June 27.
Lithographer's press. S. F. Kjell. 2,178,259; Oct. 31.
Lithographic plates, Applying work upon. S. A. Neidich. 2,142,250; Jan. 3.
Litter and animal bedding, Poultry. W. Godchaux. 2,179,591; Nov. 14.
Litter carrier. R. G. Ferris. 2,144,452; Jan. 17.
Live bait container. W. Campbell. 2,169,941; Aug. 15.
Live stock feeder, Rotary. C. G. and C. Casper. 2,153,455; Apr. 4.
Livers, Treating fish. H. Hempel. 2,156,985; May 2.
Load carrier. D. S. Casley. 2,180,032; Nov. 14.
Load control, Automatic. I. E. McCabe. 2,167,155; July 25.
Load control system. C. T. Pearce. 2,175,851; Oct. 10.
Load cushioning. N. E. Hendrickson. 2,150,622; Mar. 14.
Load deflector, Tubing fluid. H. D. Collins. 2,174,121; Sept. 26.
Load discharging car. A. Campbell. 2,142,236; Jan. 3.
Load discharging car. A. Campbell. 2,150,418; Mar. 14.
Load distributing, auxiliary power, duo semi-trailer tractor. E. A. Heyn. 2,153,468; Apr. 4.
Load expansion plate, Bridged. A. C. Fischer. 2,161,225; June 6.
Load indicator for trucks. J. T. Labbe. 2,181,277; Nov. 28.
Load lifting and weighing device. P. S. Endacott. 2,152,247; Mar. 28.
Load maintainer for materials testing apparatus. G. E. Beggs. 2,167,328; July 25.
Load transferring and aligning device. B. C. Wilcox. 2,158,953; May 16.
Loader anchorage for railway cars. W. D. Thompson. 2,155,695; Apr. 25.
Loader, Automatic. R. G. Smith. 2,149,710; Mar. 7.
Loader, Beet. A. C. Mehl. 2,161,073; June 6.
Loader, Car. W. M. Hoose. 2,154,309; Apr. 11.
Loader construction. J. L. Clarkson. 2,172,360; Sept. 12.
Loader, Live-stock. O. Brachear. 2,179,005; Nov. 7.
Loader, Pneumatic. B. F. Gregoric. 2,184,384; Dec. 26.
Loader, Produce. A. T. Spencer, Jr. 2,174,605; Oct. 3.
Loading apparatus. A. G. Jacobson. 2,151,385; Mar. 21.
Loading apparatus for proofers. F. Marasso. 2,146,151; Feb. 7.
Loading coil container. I. W. Cox. 2,147,245; Feb. 14.
Loading device. A. C. Thompson and R. Stoetzl. 2,181,795; Nov. 28.

Loading machine. G. G. Bennett. 2,182,838; Dec. 12.
Loading machine. F. Cartlidge. 2,151,741; Mar. 28.
Loading machine. D. E. Haske. 2,147,093; Feb. 14.
Loading machine. M. S. Moore. 2,143,607; Jan. 10.
Loading machine. E. B. Royle. 2,159,180; May 23.
Loading machine. W. W. Sloane. 2,143,092; Jan. 10.
Loading machine. W. W. Sloane. 2,151,571; Mar. 21.
Loading machine. W. W. Sloane. 2,183,383; Dec. 12.
Loading machine for mines. M. S. Moore. 2,143,789; Jan. 10.
Loading mechanism, Side discharge. E. M. Arentzen. 2,165,205; July 11.
Loading means for freight cars. T. W. Demarest. 2,146,203; Feb. 7.
Loading spout holder. O. Nicolaus. 2,149,123; Feb. 28.
Loaf molder and extender. E. T. Parsons. 2,170,424; Aug. 22.
Loaf transfer. C. H. Petskeyes. 2,179,798; Nov. 14.
Locating device. E. M. Erb. 2,144,486; Jan. 17.

Lock: *See*—

Accordion bellows lock.
Alarm and ignition lock.
Alarm lock.
Automatic door lock.
Automatic load lock.
Automobile hook lock.
Automobile lock.
Automobile marker lock.
Bicycle lock.
Bolt lock.
Cap lock.
Car door lock.
Closure lock.
Coach lock.
Coin lock.
Combination lock.
Cylinder lock.
Door handle lock.
Door lock.
Double sash lock.
Electrically controlled lock.
Elevator door lock.
Elevator safety door lock.
Fixture lock.
Furniture drawer lock.
Galley lock.
Gate lock.
Hood lock.
Hose coupler lock.
Hub cap lock.
Impositive lock.
Jimmyproof lock.
Keyless lock.
License plate lock.
Loom beam lock.
Motor vehicle door lock.
Nut and bolt lock.
Nut lock.
Paper lock.
Permutation lock.
Pickproof lock.
Pin tumbler lock.
Pipe coupling lock.
Postage meter counter lock.
Reed cushion lock.
Safety lock.
Sash lock.
Showcase lock.
Slide fastener lock.
Slider lock.
Sliding groove lock.
Steering column lock.
Switch point lock.
Tie lock.
Time delay combination lock.
Time lock.
Triangle cutter lock.
Truck tipper and wheel lock.
Tumbler lock.
Valve lock.
Vehicle door lock.
Vehicle lock.
Wheel or pulley lock.
Window lock.
Window sash lock.

Lock. A. C. Andersen. 2,144,672; Jan. 24.
Lock. N. F. Anderson. 2,178,132; Oct. 31.
Lock. M. O. Behnke. 2,182,307; Dec. 5.
Lock. Y. Björck. 2,165,202; July 11.
Lock. H. C. Blodgett. 2,181,313; Nov. 28.
Lock. J. Gergely. 2,146,951; Feb. 14.
Lock. N. B. Hurd. 2,164,290; June 27.
Lock. E. N. Jacobi. 2,151,113; Mar. 21.
Lock. E. N. Jacobi. 2,182,588; Dec. 5.
Lock. R. L. Kirk. 2,166,060; July 11.
Lock. H. E. Knoll. 2,158,983; May 16.
Lock. G. A. and L. K. Loftin. 2,161,519; June 6.
Lock. R. Marple. 2,169,535; Aug. 15.
Lock. S. Miller. 2,179,947; Nov. 14.
Lock. J. H. Milligan. 2,181,762; Nov. 28.
Lock. H. B. Moninger. 2,176,800; Oct. 17.
Lock. W. R. Neckerman. 2,166,690; July 18.
Lock. P. W. Olson. 2,155,440; Apr. 25.
Lock. H. H. Raymond. 2,177,996; Oct. 31.
Lock. A. L. Schuyler and A. R. MacLagan. 2,143,425; Jan. 10.
Lock. L. W. Skobel. 2,167,009; July 25.
Lock. C. Swilens. 2,151,245; Mar. 21.
Lock. C. Swilens. 2,176,369; Oct. 17.
Lock. J. F. Thomas. 2,162,984; June 20.
Lock. R. H. Winslow and M. J. Sheffield. 2,165,775; July 11.
Lock. E. A. Zuber. 2,146,134; Feb. 7.
Lock and handle for cans, Combined closure. G. E. Bullock. 2,178,868; Nov. 7.
Lock and latch. S. T. Allen. 2,167,736; Aug. 1.
Lock and latch, Door. E. J. Baumé. 2,160,301; May 30.
Lock construction. J. Lombardo. 2,170,205; Aug. 22.
Lock construction. K. H. Pond. 2,163,852–3; June 27.
Lock construction. K. H. Pond. 2,183,168; Dec. 12.
Lock construction, Door. B. H. Schindler. 2,177,948; Oct. 31.
Lock construction, Pickproof. S. Brantingson. 2,174,413; Sept. 26.
Lock device, Coin. L. J. Dixon. 2,179,325; Nov. 7.
Lock device, Keyless. L. H. Amdur. 2,170,957; Aug. 29.
Lock for automobile doors and the like, Safety. J. and A. J. Shobel. 2,162,567; June 13.
Lock for bicycles. N. C. Nielsen. 2,155,994; Apr. 25.
Lock for Diesel engines, Overspeed fuel injector. W. E. Brill. 2,142,172; Jan. 3.
Lock for doors and the like. E. Särenholm and H. Warrol. 2,166,535; July 18.
Lock for doors, Panic. C. J. Prinzler. 2,147,581; Feb. 14.

Lock for elevator doors. H. H. Vanderzee. 2,157,930; May 9.
Lock for interlock systems. R. L. Kirk 2,166,059; July 11.
Lock for locomotive valve gear. W. B. Wait. 2,169,401; Aug. 15.
Lock for loom swords, Eccentric bolt. G. R. Plott. 2,148,577; Feb. 28.
Lock for luggage cases and other containers. A. Levine. 2,183,120; Dec. 12.
Lock for motor vehicles, Reverse. W. J. Willett. 2,162,188; June 13.
Lock for outboard motors. J. L. Douglas. 2,144,837; Jan. 24.
Lock for power hammers, Internally cushioned tool-and-chuck. J. J. Roberts. 2,181,381; Nov. 28.
Lock for printing blocks, Mortise. R. T. Roby. 2,149,072; Feb. 28.
Lock for railways, Track point. W. A. Peddle. 2,174,352; Sept. 26.
Lock for signature printing machines. E. Persson. 2,183,919; Dec. 19.
Lock for socket wrenches, etc. H. A. Rhinevault. 2,162,359; June 13.
Lock for swivel reflectors. D. Rusch. 2,142,458; Jan. 3.
Lock for taxi-cabs, Fare protective shift gear. J. Laddaga. 2,167,260; July 25.
Lock for telescopic standards. B. A. Dickerson. 2,170,679; Aug. 22.
Lock for tool holders. J. F. Buhr. 2,152,302; Mar. 28.
Lock for vehicle doors. H. B. Johns. 2,176,969; Oct. 24.
Lock for wooden casket cases. J. A. Putnam. 2,146,313; Feb. 7.
Lock keeper. R. Marple. 2,167,391; July 25.
Lock latch. M. H. Wells. 2,181,289; Nov. 28.
Lock mechanism. E. D. Dall. 2,162,702; June 20.
Lock mechanism. E. D. Dall. 2,162,704; June 20.
Lock operation indicator for keys, Automatic. S. Merkl. 2,176,465; Oct. 17.
Lock slider for separable fasteners. D. Marinsky. 2,174,161; Sept. 26.
Lock strike, Adjustable. C. B. Flora. 2,153,080; Apr. 4.
Lock structure. C. F. Handshy and W. I. Conant. 2,166,660; July 18.
Lock switch, Steering column. W. C. Edwards. 2,160,261; May 30.
Lock system for automobiles and the like. R. C. Wilson. 2,158,451; May 16.
Lock tumbler. P. W. Olson. 2,155,734; Apr. 25.
Lock unit. E. J. Williamson. 2,153,491; Apr. 4.
Lockwasher. A. Anderson. 2,179,169; Nov. 7.
Lock washer. R. T. Hosking. 2,179,575; Nov. 14.
Lock washer. C. G. Olson. 2,158,378; May 16.
Lock washer assembly means. F. R. McCrudden. 2,142,363; Jan. 3.
Lock washer, Lug locking. J. Collon. 2,177,865; Oct. 31.
Locker control, Electric. J. Knell. 2,153,088; Apr. 4.
Locker, Multiple. H. A. Forrer. 2,163,835; June 27.
Locking a prisoner in an automobile. C. J. and B. V. Fitzgerald. 2,150,368; Mar. 14.
Locking and tightening means. E. S. Persson. 2,166,318; July 18.
Locking apparatus for vehicle body doors. B. Walker. 2,158,736; May 16.
Locking apparatus for Venetian blinds, Cord. W. W. Lewis. 2,155,945; Apr. 25.
Locking device. C. L. Gehnrich. 2,180,516; Nov. 21.
Locking device. T. A. Hearn. 2,180,630; Nov. 21.
Locking device. G. W. Jacobson. 2,151,919; Mar. 28.
Locking device. F. A. Jimerson. 2,147,163; Feb. 14.
Locking device. H. E. Landis. 2,162,849; June 20.
Locking device. A. H. Lipsis. 2,180,117; Nov. 14.
Locking device. F. E. Loughner and F. H. Morehead. 2,161,626; June 6.
Locking device. G. E. McKeen. 2,168,677; Aug. 8.
Locking device. C. G. Olson. 2,147,210; Feb. 14.
Locking device. E. J. Pilblad. 2,148,498–9; Feb. 28.
Locking device. M. J. and M. Schlitters. 2,143,925; Jan. 17.
Locking device, Adjustable. G. B. Kurtzon. 2,172,208; Sept. 5.
Locking device, Automatic. E. Canepa. 2,171,138; Aug. 29.
Locking device, Automatically reversible freewheel or one-way. R. J. Ifield. 2,169,645; Aug. 15.
Locking device for cores in film magazines. H. N. Fairbanks. 2,161,341; June 6.
Locking device for lazy tong structures. V. Di Giacomo and L. Salemi. 2,156,148; Apr. 25.
Locking device for loose leaf binders and the like. W. J. Weatherly. 2,180,973; Nov. 21.
Locking device, Pipe coupling detachable. J. E. McLaughlin. 2,176,504; Oct. 17.
Locking device, Removable. A. R. Coe. 2,166,130; July 18.
Locking door latch. C. E. Anderson. 2,159,581; May 23.
Locking means, Brake hanger retainer. M. S. Johnson. 2,172,976; Sept. 12.
Locking means for bucket pins. H. G. L. Eckart. 2,181,125; Nov. 28.
Locking means for bucket pins. G. H. Watson. 2,181,675; Nov. 28.
Locking means for covers for water boxes. T. E. Bart. 2,162,930; June 20.
Locking means for fuel tank caps. F. E. Schneider. 2,165,659; July 11.
Locking means for levers. E. Breitling. 2,161,850; June 13.
Locking means for loom shuttle tensions, Adjustment. J. A. Murphy. 2,142,524; Jan. 3.
Locking means for printers' chases. A. J. Krohn and J. Rada. 2,145,309; Jan. 31.
Locking means for speed variating mechanism of liquid dispensing apparatus, Safety. J. H. Chaplin. 2,168,439; Aug. 8.
Locking means for windows and the like. E. S. Persson. 2,156,401; May 2.
Locking means, Shaft bearing. J. Borland. 2,166,391; July 18.
Locking mechanism. E. L. Boland. 2,174,200; Sept. 26.
Locking mechanism. M. C. Lighter and F. Lehmann. 2,176,264; Oct. 17.
Locking mechanism for accordions. S. Olson. 2,153,477; Apr. 4.
Locking mechanism for adjustable seats. L. S. Whedon. 2,154,294; Apr. 11.
Locking mechanism for automobile doors. A. C. Findlay. 2,180,819; Nov. 21.
Locking mechanism for motor driven vehicle doors. W. H. Askew. 2,162,048; June 13.
Locking mechanism, Keyless. S. Pello. 2,165,674; July 11.
Locking mechanism, Scale platform. W. D. Unruh and H. F. Seelig. 2,185,045; Dec. 26.
Locking, opening, and closing device. G. Madland. 2,158,336; May 16.
Locking structure, Automobile. R. A. Sandberg. 2,147,413; Feb. 14.
Locking structure, Automobile. R. A. Sandberg. 2,147,613; Feb. 14.
Locking structure, Automobile. R. A. Sandberg. 2,155,063–4; Apr. 18.
Locking structure, Automobile. R. A. Sandberg. 2,156,355; May 2.
Locomotive. J. G. Blunt. 2,155,926; Apr. 25.
Locomotive. O. Jabelmann. 2,183,913; Dec. 19.
Locomotive. J. A. McGrew. 2,149,063; Feb. 28.
Locomotive. F. P. Roesch. 2,152,420; Mar. 28.
Locomotive. W. E. Woodard. 2,183,327; Dec. 12.
Locomotive. F. B. Yingling. 2,170,742; Aug. 22.
Locomotive and stoker therefor. E. A. Turner and C. J. Surdy. 2,182,506; Dec. 5.
Locomotive and tender, Streamline. W. L. Lentz and C. F. Kantola. 2,148,078; Feb. 21.
Locomotive and truck structure. A. J. Townsend. 2,173,867; Sept. 26.
Locomotive control system. T. L. Weybrew. 2,175,862; Oct. 10.
Locomotive driving box. R. H. Campion. 2,144,327; Jan. 17.
Locomotive, Electric. A. M. Rossman. 2,157,928; May 9.
Locomotive, Four cylinder. J. C. Maris. 2,167,216; July 25.
Locomotive front end arrangement. M. P. Blomberg. 2,170,791; Aug. 29.
Locomotive lubricating system and apparatus. E. J. Doyle and F. A. Butler. 2,180,867; Nov. 21.
Locomotive of the type particularly adapted for underground haulage purposes. T. Watt. 2,142,622; Jan. 3.
Locomotive running gear. T. V. Buckwalter. 2,180,316; Nov. 14.
Locomotive sanding apparatus. J. E. Davenport. 2,162,423; June 13.
Locomotive smoke box. L. B. Jones. 2,175,266; Oct. 10.
Locomotive smokebox shroud and hinge therefor. J. L. Hearn. 2,170,302; Aug. 22.
Locomotive, Steam. J. G. Blunt. 2,171,106; Aug. 29.
Locomotive, Streamline. J. G. Blunt. 2,177,590; Oct. 24.
Locomotive structure, Electric. K. Pohlhausen. 2,182,640; Dec. 5.
Locomotive superheater. K. Koehler. 2,148,025; Feb. 21.
Locomotive tender. E. E. Hicken. 2,159,738; May 23.
Locomotive tender. J. W. McCurdy. 2,169,390; Aug. 15.
Locomotive truck. J. C. Maris. 2,163,887; June 27.
Locomotive valve gear. W. E. Woodard. 2,183,603; Dec. 19.
Locomotives, Controller for mine. W. W. Sloane. 2,152,929; Apr. 4.
Locomotives, Drafting of. N. F. Lane. 2,184,647; Dec. 26.
Locomotives, Idle-running and starting device for poppet valve geared steam. H. Lentz. 2,165,755; July 11.
Locomotives in roundhouses, System of drafting. F. H. C. Coppus. Re. 21,308; Dec. 26.
Locomotives, System of drafting. F. H. C. Coppus. 2,159,472; May 23.
Log lifting cant hook. W. Stocker. 2,162,668; June 13.
Log rossing machine. C. C. Erickson. 2,174,782; Oct. 3.
Logging apparatus. E. H. King. 2,156,183; Apr. 25.
Logging apparatus, Electrical. E. Babcock. 2,159,418; May 23.
Logging device. G. F. Coats. 2,178,470; Oct. 31.
Logging device. C. W. Cooper. 2,156,052; Apr. 25.
Logging, Overhead. H. O. Nelson. 2,173,127; Sept. 19.
Logging strip. F. L. Michaels. 2,145,489; Jan. 31.
Long dash and light keying indicator. C. W. Latimer. J. L. Finch, J. W. Conklin, and H. E. Goldstine. 2,170,203; Aug. 22.

Long-distance indicating system, Electric. H. R. Scheidegger. 2,181,682; Nov. 28.

Loom: *See*—

Circular loom.	Needle weaving loom.
Circular warp loom.	Pile fabric loom.
Electric loom.	Shuttleless loom.
Hand loom.	Warp loom.
High speed loom.	Weaver's loom.
Narrow ware loom.	

Loom. W. H. Baker. 2,150,668; Mar. 14.
Loom. J. C. Brooks. 2,149,724; Mar. 7.
Loom. S. J. Geddings. 2,150,059; Mar. 7.
Loom. C. F. Libby. 2,180,832; Nov. 21.
Loom. E. R. Pedrazzo. 2,168,420; Aug. 8.
Loom. J. B. Perry. 2,147,602; Feb. 14.
Loom. S. T. Pugh. 2,185,063; Dec. 26.
Loom. A. V. Pullins. 2,157,304; May 9.
Loom. R. and R. H. Rowntree. 2,146,991; Feb. 14.
Loom. P. F. Tirrell. 2,149,692–3; Mar. 7.
Loom. L. M. Valentine. 2,144,947; Jan. 24.
Loom. E. S. Wessborg and W. J. Morrison. 2,167,193; July 25.
Loom. G. Wiget. 2,159,828; May 23.
Loom. G. Wiget. 2,182,103; Dec. 5.
Loom attachment. J. E. McCarvey. 2,160,749; May 30.
Loom attachment. C. A. Pace. 2,160,707; May 36.
Loom beam lock. E. A. Hill. 2,154,679; Apr. 18.
Loom for home work, Hand driven weaving. A. H. and G. H. Raba. 2,150,187; Mar. 14.
Loom for weaving and electrical control therefor. J. F. Timberlake. 2,146,922; Feb. 14.
Loom harness. J. J. Kaufmann. 2,166,895; July 18.
Loom harness mechanism. D. C. Churchill. 2,184,410; Dec. 26.
Loom harness stop motion. H. Desmarais. 2,142,498; Jan. 3.
Loom mechanism, Jacquard. W. H. Short. 2,148,088; Feb. 21.
Loom picker. H. M. Bacon. 2,161,662; June 6.
Loom picker manufacture. H. M. Bacon. 2,172,921; Sept. 12.
Loom picking mechanism. J. H. Chadbourne and C. A. Burdick. 2,182,487; Dec. 5.
Loom reed. S. S. Holland. 2,157,173; May 9.
Loom selvage apparatus. A. J. Roper, J. C. McCall, and B. F. Underwood. 2,178,377; Oct. 31.
Loom shuttle. O. J. Benoit. 2,144,958; Jan. 24.
Loom shuttle feeler. E. J. Wentz. 2,148,597; Feb. 28.
Loom stop device. C. H. Heilig. 2,142,899; Jan. 3.
Loom stopping device. E. J. Buell and F. D. Martin. 2,169,756; Aug. 15.
Loom, Weft replenishing shuttle changing. R. G. Turner. Re. 21,283; Nov. 28.
Looms, Dagger lifter for. B. H. Bridgman. 2,154,123; Apr. 11.
Looms, Filling detecting mechanism for. B. S. Brown and W. O. Wood. 2,156,838; May 2.
Looms, Filling feeler for. E. W. Barrett and P. Hargreaves. 2,156,900; May 2.
Looms, Harness connector for. W. H. Bahan. 2,154,119; Apr. 11.
Looms, harness cord for. A. E. Brickman and G. A. Gleason. 2,152,397; Mar. 28.
Looms, Harness motion for. W. G. Trautzetter. 2,169,823; Aug. 15.
Looms, Harness motion for. J. D. Watson and L. Andersen. 2,152,982; Apr. 4.
Looms, Lay construction for. C. R. Kronoff. 2,162,312; June 13.
Looms, Let-off mechanism for. I. O. Moberg. 2,170,762; Aug. 22.
Looms, Oscillatory movement for. D. C. Churchill. 2,147,483; Feb. 14.
Looms, Picking motion for. O. V. Payne. 2,179,347; Nov. 7.
Looms, Pile wire motion for. J. W. Foster. 2,165,890; July 11.
Looms, Protection device in. W. H. Baker. 2,154,802; Apr. 18.
Looms, Revoker for weft replenishing. R. G. Turner. 2,162,290; June 13.
Looms, Selvage trimming temple for. A. B. Shelton. 2,162,645; June 13.
Looms, Shedding mechanism for. J. Jabouley. 2,154,902; Apr. 18.
Looms, Shedding mechanism for circular. F. C. Hale. 2,173,163; Sept. 19.
Looms, Smash preventer for. W. W. Graichen. 2,148,810; Feb. 28.
Looms, Take-up mechanism for. J. J. Rosenthal and W. Waskiewicz. 2,154,285; Apr. 11.
Looms, Tipping motion for Axminster. W. W. Robertson. 2,169,327; Aug. 15.
Looms, Weft inserting mechanism for. W. Felton. 2,149,428; Mar. 7.
Loop antenna. G. M. Charrier. 2,147,148; Feb. 14.
Loop-forming mechanism for motion-picture machines. G. F. Aldinger. 2,172,235; Sept. 5.
Loop length regulating mechanism for straight knitting machines. G. Gastrich. 2,175,989; Oct. 10.
Loop regulator. J. G. Stephenson. 2,147,467; Feb. 14.
Looper apparatus. G. J. Snyder. 2,170,392; Aug. 22.
Looping on a multineedle seam covering sewing machine, Method of and apparatus for performing. F. Ebert. 2,174,205; Sept. 26.
Loops to sanitary napkins, Apparatus for fastening attachment. H. Newman. 2,152,493; Mar. 28.
Loudspeaker. J. F. Blackburn. 2,183,528; Dec. 19.
Loudspeaker. F. L. Creager. 2,155,474; Apr. 25.
Loudspeaker. H. Jyrch. 2,174,128; Sept. 26.
Loudspeaker. H. R. Pausin. 2,160,166; May 30.
Loudspeaker and making same. G. E. Sundstrom. 2,174,355; Sept. 26.
Loudspeaker and making the same. J. P. Quam. 2,175,994; Oct. 10.
Loudspeaker arrangement. G. Bucky. 2,179,840; Nov. 14.
Loudspeaker arrangement. W. Schenk and W. Marthiens. 2,145,318; Jan. 31.
Loudspeaker arrangement. A. Wiessner. 2,164,977; July 4.
Loudspeaker parts, Assembling and welding. J. A. Briggs. 2,179,398; Nov. 7.
Loudspeaker support. R. Schultz. 2,154,705; Apr. 18.
Loudspeaker system. E. Brandt. 2,165,781; July 11.
Loudspeaker system. D. R. Hall and E. G. Danielson. 2,147,894; Feb. 21.
Loudspeaker with oscillatory coil. W. Lissauer. 2,147,605; Feb. 14.
Loud-speaking intercommunicating system. L. G. Erickson. 2,177,769; Oct. 31.
Lounge and furniture construction, Party. F. Kiesler. 2,170,382; Aug. 22.
Loupe. J. Benzinger. 2,143,431; Jan. 10.
Louver construction. E. P. Jones. 2,166,441; July 18.
Louver, Tropical. V. E. Huff. 2,168,347; Aug. 8.
Low head vibrating screen. C. S. Lincoln, M. P. Hahn, and R. R. Rockafield. 2,144,382; Jan. 17.
Lower cementing plug. Z. A. Dyer. 2,169,356; Aug. 15.
Lower unit for outboard motors and the like, Greaseless. M. V. Hill. 2,145,623; Jan. 31.
Lubricant. A. F. Benning. 2,167,867; Aug. 1.
Lubricant. J. G. Butz. 2,149,271; Mar. 7.
Lubricant. H. S. Cooper and V. R. Damerell. 2,156,803; May 2.
Lubricant. M. A. Dietrich. 2,143,142; Jan. 10.
Lubricant. M. A. Dietrich. 2,161,615; June 6.
Lubricant. M. A. Dietrich. 2,167,064; July 25.
Lubricant. A. H. Gleason. 2,147,647; Feb. 21.
Lubricant. F. C. Haas. 2,162,398; June 13.
Lubricant. J. W. Johnson, Jr. 2,173,117; Sept. 19.
Lubricant. G. Kaufman. 2,167,612; July 25.
Lubricant. G. Kaufman and S. R. Philson. 2,176,426; Oct. 17.
Lubricant. A. J. Kraus. 2,169,918; Aug. 15.
Lubricant. B. H. Lincoln and A. Henriksen. 2,169,155; Aug. 8.
Lubricant. B. H. Lincoln and A. Henriksen. 2,183,294; Dec. 12.
Lubricant. D. Lipkin. 2,146,584; Feb. 7.
Lubricant. C. M. Loane and B. H. Shoemaker. 2,160,273; May 30.
Lubricant. C. M. Loane and B. H. Shoemaker. 2,160,880–1; June 6.
Lubricant. C. M. Loane and B. H. Shoemaker. 2,168,674; Aug. 8.
Lubricant. C. M. Loane and B. H. Shoemaker. 2,169,700; Aug. 15.
Lubricant. O. L. Maag. 2,160,577; May 30.
Lubricant. F. L. Miller and C. F. Smith. 2,161,970; June 13.
Lubricant. C. F. Prutton. 2,155,204; Apr. 18.
Lubricant. P. L. Salzberg. 2,178,610; Nov. 7.
Lubricant. W. Schreiber. 2,160,915; June 6.
Lubricant. B. H. Shoemaker and C. M. Loane. 2,160,293; May 30.
Lubricant. B. H. Shoemaker and C. M. Loane. 2,160,917; June 6.
Lubricant. H. G. Smith. 2,179,067; Nov. 7.
Lubricant. E. M. Steffen. 2,142,219; Jan. 3.
Lubricant. E. M. Steffen and J. E. Schott. 2,142,220; Jan. 3.
Lubricant. F. W. Sullivan, Jr. 2,174,019; Sept. 26.
Lubricant. J. H. Werntz. 2,158,096; May 16.
Lubricant and making the same. R. W. Provine and H. T. Bennett. 2,144,773; Jan. 24.
Lubricant and method, Wire drawing. R. C. Williams. 2,152,396; Mar. 28.
Lubricant composition and preparing the same. M. Pier and F. Christmann. 2,147,315; Feb. 14.
Lubricant, Cutting and cooling. J. C. Zimmer and J. B. Holtzclaw. 2,165,436; July 11.
Lubricant demonstrator. F. G. Rau. 2,175,638; Oct. 10.
Lubricant, Extreme pressure. H. G. Berger, R. C. Moran, and F. M. Seger. 2,153,496; Apr. 4.
Lubricant, Extreme pressure. E. N. Klemgard and V. L. Ricketts. 2,168,262; Aug. 1.
Lubricant, Extreme pressure. C. M. Loane and B. H. Shoemaker. 2,154,098; Apr. 11.
Lubricant, Extreme pressure. A. W. Ralston. 2,168,848; Aug. 8.
Lubricant, Gear. G. M. Fisher. 2,168,258; Aug. 1.
Lubricant, Gear. G. M. Fisher. 2,170,495; Aug. 22.
Lubricant, High pressure. F. L. Miller and C. F. Smith. 2,156,265; May 2.
Lubricant, Intermolecular. R. B. Denham. 2,166,286; July 18.
Lubricant, Mineral oil. J. M. Musselman. 2,178,455; Oct. 31.

Lubricant overbalance for table rolls, Automatic. E. E. Berry. 2,165,442; July 11.
Lubricant pump, Combination high and low pressure. C. W. Ginter. 2,175,522; Oct. 10.
Lubricant receiving fitting. G. F. Thomas, F. A. Ross, and J. Bystricky. 2,154,116; Apr. 11.
Lubricant retaining device. J. Moreau. 2,156,398; May 2.
Lubricant, Sulphurized. W. B. Hendrey. 2,147,578; Feb. 14.
Lubricant, Treating. A. S. Orr. 2,149,788; Mar. 7.
Lubricants and preparing same, Extreme pressure. M. B. Chittick. 2,142,998; Jan. 10.
Lubricants and their use, Metal forming. N. W. Dempsey. 2,146,885; Feb. 14.
Lubricants, Extreme pressure. A. J. van Peski and F. R. Moser. 2,157,873; May 9.
Lubricants, Manufacturing. E. Eichwald. 2,152,683; Apr. 4.
Lubricants, Manufacturing. A. P. Frame. 2,143,512; Jan. 10.
Lubricants, Manufacture of. G. M. McNulty and E. W. Adams. 2,159,220; May 23.
Lubricants, Manufacture of. F. R. Moser. 2,143,566; Jan. 10.
Lubricated cutter mounting. A. C. Catland. 2,174,102; Sept. 26.
Lubricated plug valve. O. Jacobsen. 2,168,903; Aug. 8.
Lubricated valve. F. Milliken. 2,171,590; Sept. 5.
Lubricated valve. F. H. Mueller. 2,169,810; Aug. 15.
Lubricating apparatus. E. W. Davis. 2,147,830; Feb. 21.
Lubricating apparatus. E. W. Davis. 2,168,396; Aug. 8.
Lubricating apparatus. E. W. Davis. 2,172,136; Sept. 5.
Lubricating apparatus. E. W. Davis. 2,175,881; Oct. 10.
Lubricating apparatus. E. W. Davis. 2,177,057; Oct. 24.
Lubricating apparatus. E. W. Davis. 2,183,013; Dec. 12.
Lubricating apparatus. C. A. Fine. 2,147,835; Feb. 21.
Lubricating apparatus. P. Fletcher. 2,179,621; Nov. 14.
Lubricating apparatus. L. C. Rotter. 2,169,291; Aug. 15.
Lubricating apparatus. E. F. Smith. 2,169,296; Aug. 15.
Lubricating apparatus. G. F. Thomas and J. Bystricky. 2,151,171; Mar. 21.
Lubricating arrangement. F. C. Linn. 2,169,878; Aug. 15.
Lubricating composition. M. L. Crossley. 2,161,560; June 6.
Lubricating composition. K. H. Klipstein. 2,161,678; June 6.
Lubricating composition. J. M. Musselman. 2,153,121; Apr. 4.
Lubricating composition. C. F. Prutton. 2,150,079; Mar. 7.
Lubricating composition. C. F. Prutton. 2,153,482; Apr. 4.
Lubricating composition. C. F. Prutton. 2,178,514; Oct. 31.
Lubricating composition. C. F. Prutton and A. K. Smith. 2,178,513; Oct. 31.
Lubricating composition. S. P. Waugh. 2,174,907; Oct. 3.
Lubricating composition and making same. P. L. Magill. 2,176,632–3; Oct. 17.
Lubricating composition, Solid and semisolid. G. L. Neely, F. W. Kavanagh, and B. B. Farrington. 2,176,509; Oct. 17.
Lubricating composition, Stabilized. L. A. Mikeska and E. Lieber. 2,174,248; Sept. 26.
Lubricating compositions, Extreme pressure. R. L. Humphreys. 2,157,452; May 9.
Lubricating compositions, Manufacture of. H. G. Smith. 2,179,060–1; Nov. 7.
Lubricating construction for roller rails for furnaces. F. T. Cope. 2,167,640; Aug. 1.
Lubricating device. B. S. Aikman. 2,170,228; Aug. 22.
Lubricating device. J. Bugatti. 2,166,857; July 18.
Lubricating device. J. L. Creveling. 2,176,295; Oct. 17.
Lubricating device. C. E. Daniels. 2,178,932; Nov. 7.
Lubricating device. T. C. Delaval-Crow. 2,164,449; July 4.
Lubricating device. A. Y. Dodge. 2,152,305; Mar. 28.
Lubricating device. A. Y. Dodge and H. R. Tear. 2,178,851; Nov. 7.
Lubricating device. F. H. Fleischer. 2,175,887; Oct. 10.
Lubricating device. N. R. Krause. 2,160,508; May 30.
Lubricating device. J. O. Lewis. 2,158,876; May 16.
Lubricating device. P. Maniscalco. 2,169,106; Aug. 8.
Lubricating device. C. R. Manning. 2,158,879; May 16
Lubricating device. E. F. Milbank. 2,160,784; May 30.
Lubricating device. H. R. Tear. 2,146,385; Feb. 7.
Lubricating device. H. R. Tear. 2,149,127; Feb. 28.
Lubricating device. H. R. Tear. 2,152,334; Mar. 28.
Lubricating device for cross heads. F. J. Young. 2,183,878; Dec. 19.
Lubricating device for cut-off knives. B. Wellnitz. 2,153,443; Apr. 4.
Lubricating device for internal combustion engines, Auxiliary. E. O. Weeks. 2,142,930; Jan. 3.
Lubricating device for valve devices. E. E. Hewitt. 2,163,399; June 20.
Lubricating devices, Making. J. L. Creveling. 2,176,296; Oct. 17.
Lubricating devices, Making. H. R. Tear. 2,164,553; July 4.
Lubricating distillates, Manufacture of low pour test. H. G. Smith. 2,180,070; Nov. 14.
Lubricating feeder system, Reversible. D. R. Hillis. Re. 21,160; July 25.
Lubricating installation. J. Bijur. 2,145,854; Feb. 7.
Lubricating means. J. L. Creveling. 2,157,402–3; May 9.
Lubricating means for thrust bearings. H. A. S. Howarth. 2,168,343–4; Aug. 8.
Lubricating mechanism. C. L. Ott. 2,178,642; Nov. 7.
Lubricating stocks, Treatment of. J. M. Musselman. 2,142,327; Jan. 3.
Lubricating system. W. E. Joost. 2,178,756; Nov. 7.
Lubricating system. J. R. Mahan. 2,164,294; June 24.
Lubricating system for fur sewing machines. C. Bonis. 2,150,619; Mar. 14.
Lubricating system for internal combustion engines. S. L. Walden. 2,157,513; May 9.
Lubricating system for motor vehicle engines. W. R. Spiller. 2,165,909; July 11.
Lubricating system for punch presses. W. Walter. 2,153,219; Apr. 4.
Lubricating system for roller bearings. O. J. Horger. 2,160,418; May 30.
Lubricating system for rotary brake valves. C. A. Campbell. 2,163,189; June 20.
Lubricating system, Pressure fed. D. W. Paul, C. L. Rees, and G. R. W. Lush. 2,149,068; Feb. 28.
Lubrication. J. Bijur. 2,169,215; Aug. 15.
Lubrication. J. Bijur. 2,179,489; Nov. 14.
Lubrication. E. H. Kocher. 2,161,821; June 13.
Lubrication apparatus. F. C. Blanchard. 2,162,932; June 20.
Lubrication apparatus. R. T. Stewart. 2,160,295; May 30.
Lubrication, Apparatus for. H. G. Kinder. 2,180,875; Nov. 21.
Lubrication, Bearing. H. F. Schmidt. 2,158,835; May 16.
Lubrication, Bearing. W. A. Wilson and H. F. Schmidt. 2,158,810; May 16.
Lubrication, Central. J. Bijur. 2,145,245; Jan. 31.
Lubrication control, Apparatus for effecting. F. M. Hess. 2,171,874; Sept. 5.
Lubrication, Method and apparatus for. G. F. Saal and J. G. Schmitt. 2,168,746; Aug. 8.
Lubrication of marine vessels, Air film. J. G. Spinanger. 2,145,463; Jan. 31.
Lubrication, Sprocket chain. B. Welser and M. G. Jewett. 2,168,277; Aug. 1.
Lubrication system for automotive axles. G. W. Carlson and R. C. Russell. 2,182,889; Dec. 12.
Lubrication system for drive mechanism. F. L. Rocke. 2,156,770; May 2.
Lubrication system for internal combustion engines. F. F. Kishline. 2,177,724; Oct. 31.
Lubrication system for internal combustion engines. M. J. Schenk. Re. 21,031; Mar. 14.

Lubricator; *See*—
- Automatic lubricator.
- Axle lubricator.
- Cellar lubricator.
- Compressor lubricator.
- Force feed lubricator.
- Journal lubricator.
- Leaf spring lubricator.
- Multiple pressure lubricator.
- Needle lubricator.
- Picker rod lubricator.
- Rail and flange lubricator.
- Rail and wheel flange lubricator.
- Railway journal lubricator.

Lubricator. H. T. Backhouse. 2,164,794; July 4.
Lubricator. F. S. Focht. 2,159,656; May 23.
Lug and soldering lug installation, Soldering. E. J. Pool. 2,180,919; Nov. 21.
Lug box. G. E. Harrison. 2,175,390; Oct. 10.
Lug, Fender. E. W. Mitchel. 2,145,944; Feb. 7.
Lug, Solderless. E. W. Landmeier. 2,173,206; Sept. 19.
Lug, Tractor wheel. O. B. Nash. 2,183,464; Dec. 12.
Lug welding machine, Antiskid. J. R. Reyburn. 2,148,502; Feb. 28.
Luggage. H. Derman. 2,163,116; June 20.
Luggage carrier. B. A. Otten. 2,166,262; July 18.
Luggage case. G. H. Wheary. 2,182,604; Dec. 5.
Luggage, Hand. J. Peshek and G. H. Wheary. 2,158,986; May 16.
Luggage, Hand. O. H. Plotkin. 2,148,244; Feb. 21.
Luggage, Hand. O. H. Plotkin. 2,157,833; May 9.
Luggage handle. B. M. Hamlin. 2,176,857; Oct. 17.
Luggage rack. M. J. Boggia. 2,180,333; Nov. 21.
Lumber loader and lift, Automatic. J. Knudson and W. Neils. 2,177,941; Oct. 31.
Lumber, Piling. J. B. Chipman. 2,181,357; Nov. 28.
Lumber piling rack. J. B. Chipman. 2,181,356; Nov. 28.
Luminair, Waterproof. T. W. Rolph. 2,151,801; Mar. 28.
Luminaire. H. E. Butler. 2,147,482; Feb. 14.
Luminaire. H. E. Butler. 2,176,729; Oct. 17.
Luminaire. T. W. Rolph. 2,170,912; Aug. 29.
Luminaire, Direct lighting. L. C. Doane. 2,162,330; June 13.
Luminaire, Surgical operating. H. W. Alexander. 2,173,325; Sept. 19.
Luminescent material. H. W. Leverenz. 2,171,145; Aug. 29.
Luminescent material. H. W. Leverenz. 2,182,087; Dec. 5.
Luminescent materials. H. W. Leverenz. 2,164,533; July 4.
Luminescent or phosphorescent body and manufacturing the same. W. Dawihl, O. Fritze, and A. Rüttenauer. 2,177,691; Oct. 31.

Luminescent screen. J. H. de Boer and M. C. Teves. 2,161,458; June 6.
Luminescent tube. L. T. Jones. 2,177,891; Oct. 31.
Luminescent tube. R. B. and W. E. Leonard. 2,171,705; Sept. 5.
Luminescent tube. H. D. Penney and W. Weis. 2,184,530; Dec. 26.
Luminous and radioactive compound. R. W. Gear. 2,178,961; Nov. 7.
Luminous body. W. Meyer. 2,177,735; Oct. 31.
Luminous exhibitor, Remotely controlled. A. Bosché. 2,163,188; June 20.
Luminous sign. H. Grauert. 2,177,771; Oct. 31.
Luminous sign. P. Stobbe. 2,156,409; May 2.
Luminous-tube sign. M. Epstein. 2,146,806; Feb. 14.
Luminous tube sign. H. Hotchner and H. E. Metcalf. 2,172,384; Sept. 12.
Luminous tube sign. I. V. Mansell. 2,152,653; Apr. 4.
Luminous tube sign. I. V. Mansell. 2,163,614; June 27.
Lunch box. J. H. Devine. 2,147,886; Feb. 21.
Lunch box. J. H. Devine. 2,184,336; Dec. 26.
Lunch container. S. F. Gautier. 2,156,844; May 2.
Lure, Artificial. A. C. Accetta. 2,145,283; Jan. 31.
Lure, Fish. F. P. Bouton. 2,158,924; May 16.
Lure, Fish. F. C. Hartung. 2,168,476; Aug. 8.
Lure for combating rodents. H. Maier-Bode, K. Brodersen, and H. Behncke. 2,155,949; Apr. 25.
Luster, color, pattern, and shape effects, Obtaining complicated. C. Orsini. 2,149,066; Feb. 28.
Lyes and their manufacture, Mercerizing. H. Lier. 2,157,294; May 9.
Lyophilic biologically active substances. P. Masucci. 2,149,304; Mar. 7.
Lyophilic biologically active substances and producing the same. J. Reichel. Re. 20,969; Jan. 3.
M-derived band-pass filter. H. A. Wheeler. 2,177,761; Oct. 31.
Machinable sinter bearing. L. Sandler. 2,153,397; Apr. 4.
Machine and bushing therefor, Rotary. W. D. Davidson. 2,182,793; Dec. 12.
Machine and method for making hat bodies. G. T. Birdsall. 2,172,342; Sept. 12.
Machine and method for manufacturing bushings. A. A. Hale. 2,156,337; May 2.
Machine and method for rolling rivets. H. E. Sipe. 2,180,555; Nov. 21.
Machine and method of fabricating glass run channels. G. T. Balfe. 2,143,430; Jan. 10.
Machine and optical system, Combined. E. D. Wilson and G. E. Stoltz. 2,182,651; Dec. 5.
Machine control, Dynamo-electric. G. G. Landis and N. J. Hoenie. 2,150,071; Mar. 7.
Machine control system, Synchronous. A. H. Lauder and F. H. Winter. 2,151,122; Mar. 21.
Machine driving and stopping mechanism. E. E. Fessenden, Jr. 2,181,318; Nov. 28.
Machine element and making same, Composite. S. K. Wellman. 2,178,527; Oct. 31.
Machine for acting on blanks. H. S. Labombarde. 2,173,171; Sept. 19.
Machine for and method of applying transparent windows to envelope blanks. L. C. Pearce. 2,169,978; Aug. 15.
Machine for and method of forming a spring casing. W. R. Chesley. 2,153,861; Apr. 11.
Machine for and method of knitting fabric. H. G. Dickens. 2,174,439; Sept. 26.
Machine for and method of making rubber thread. W. M. Spencer. 2,172,018; Sept. 5.
Machine for and method of winding headlight coils. R. H. Beebe. 2,162,498; June 13.
Machine for applying container covers to containers. A. F. Pityo. 2,146,347; Feb. 7.
Machine for applying coverings to pocketbook frames. E. D. Sirois. 2,173,045; Sept. 12.
Machine for applying elastic caps to containers. E. N. Lowry. 2,178,429; Oct. 31.
Machine for applying films to pouring orifices of bottle containers. R. E. Ford. 2,164,908; July 4.
Machine for applying films to pouring orifices of containers. R. E. Ford. 2,177,625; Oct. 24.
Machine for applying index tabs to books. H. Erickson. 2,144,917; Jan. 24.
Machine for applying joint or edge stripping to wire mesh screen. A. J. Harrison. 2,144,570; Jan. 17.
Machine for applying labels. G. W. von Hofe and B. D. Dans. 2,173,892; Sept. 26.
Machine for applying pins in fitting garments. T. A. Benton. 2,145,038; Jan. 24.
Machine for applying pressure to shoe bottoms. L. G. Knowles. 2,145,265; Jan. 31.
Machine for applying pressure to shoe bottoms. J. T. Lancaster. 2,159,031; May 23.
Machine for applying pressure to shoes. A. A. Lawson. 2,175,474; Oct. 10.
Machine for applying protective heads to nails. H. King. 2,174,750; Oct. 3.
Machine for applying stick handles to frozen confection blocks. H. Sattler. 2,152,214; Mar. 28.
Machine for assembling fins and tubes. J. D. Lear. 2,154,855; Apr. 18.
Machine for assembling shoe parts. F. Kennison and F. E. Stratton. 2,151,974; Mar. 28.
Machine for assorting cylindrical articles by diameter. C. J. Du Brul. 2,168,519; Aug. 8.
Machine for attaching balls to cans. T. J. Gorman, Jr. 2,154,071; Apr. 11.
Machine for attaching handle hangers. E. D. Hanset. 2,167,452; July 25.
Machine for attaching heel portions. F. L. Brandt. 2,165,919; July 11.
Machine for attaching heels to shoes. D. E. Cool. 2,144,143; Jan. 17.
Machine for bank-winding electrical coils. F. N. Jacob. 2,180,208; Nov. 14.
Machine for bending angle bars. W. E. Kane. 2,160,216; May 30.
Machine for bending wood sheets. V. R. Trabucco. 2,167,428; July 25.
Machine for beveling glass, Automatic. L. Gugala. 2,174,721; Oct. 3.
Machine for blocking and pressing hats, Duplex. O. Seidel. 2,171,102; Aug. 29.
Machine for brushing and otherwise treating fruit and other articles. R. R. Brogden. 2,153,295; Apr. 4.
Machine for button manufacture. J. Kolin. 2,143,518; Jan. 10.
Machine for cementing soles to shoes. M. Barry. 2,146,927; Feb. 14.
Machine for centerless grinding articles such as tapered rollers. G. D. Winkler. 2,151,365; Mar. 21.
Machine for clamping heel blanks. D. Parks. 2,176,560; Oct. 17.
Machine for cleaning carpets, garments, and the like. H. Hammarling. 2,156,389; May 2.
Machine for cleaning corrugated plates or molds. C. C. Spadone. 2,179,963; Nov. 14.
Machine for cleansing and treating. D. E. Bonner. 2,157,112; May 9.
Machine for clearing out pipe. J. O. Magruder. 2,183,618; Dec. 19.
Machine for closing and sealing articles in cellulose tubes. L. Scharf. 2,162,472; June 13.
Machine for closing cans. O. A. Schmitt. 2,177,813; Oct. 31.
Machine for coating can ends. A. L. Kronquest. 2,185,089; Dec. 26.
Machine for coating golf balls or the like. C. W. Haynes. 2,159,850; May 23.
Machine for combining bags and cartons. R. M. Bergstein. 2,166,388; July 18.
Machine for composing lithographic prints. R. L. R. R. Geirnaert. 2,177,885; Oct. 31.
Machine for configuring tubes. C. L. and S. L. Dewey. 2,162,327; June 13.
Machine for continuously forming curved wire forms. W. A. Owens and E. A. Otto. 2,153,936; Apr. 11.
Machine for counting votes. C. Simek. 2,154,316; Apr. 11.
Machine for covering heels. L. J. Bazzoni. 2,151,005; Mar. 21.
Machine for creasing curtains and the like. A. C. Probst. 2,149,405; Mar. 7.
Machine for creasing the joints of books. C. Schramm. 2,151,991; Mar. 28.
Machine for crocheting sheathings. L. Burdett. 2,142,108; Jan. 3.
Machine for crushing cans. H. Apprill. 2,178,461; Oct. 31.
Machine for cutting and fastening helical springs. J. G. Strandberg. 2,161,689; June 6.
Machine for cutting blocks of ice into small cubes. M. J. Uline. 2,177,445; Oct. 24.
Machine for cutting, folding, and pressing labels. L. Oskow. 2,158,144; May 16.
Machine for cutting fur trimmings for overshoes, slippers, and the like. S. Goldstein. 2,161,346; June 6.
Machine for cutting gears. R. S. Drummond. 2,157,981; May 9.
Machine for cutting ice cakes into cubes. F. G. Smith. 2,156,247; Apr. 25.
Machine for cutting lengths of thread or the like. K. Grunert. 2,184,452; Dec. 26.
Machine for cutting or shearing metal plates and the like. K. G. Östberg. 2,182,162; Dec. 5.
Machine for cutting sheet glass. F. Goffaux. 2,158,900; May 16.
Machine for cutting slide fastener strips. P. Medal. 2,170,609; Aug. 22.
Machine for cutting strip stock. V. S. Firestone. 2,181,398; Nov. 28.
Machine for cutting tile and the like. C. A. Martin. 2,180,743; Nov. 21.
Machine for cutting tubing. N. D. Abbey. 2,168,853; Aug. 8.
Machine for destroying grasshoppers or the like. C. Leffler and L. B. Gosselin. 2,167,923; Aug. 1.
Machine for dicing vegetables, fruit, meat, etc. J. P. Spang. 2,161,891; June 13.
Machine for dicing vegetables, meat, and the like. J. P. Spang. 2,148,782; Feb. 28.
Machine for drawing window glass. D. R. Limbers. 2,184,873; Dec. 26.
Machine for dressing external cylindrical surfaces. A. M. Johnson and W. M. Fairbairn. 2,164,067; June 27.
Machine for dressing rough surfaces. R. W. Briggs. 2,153,609; Apr. 11.

Machine for effecting relative movement between lasts and shoes. E. Brothers. 2,148,528; Feb. 28.
Machine for engraving rings. F. Blois. 2,142,742; Jan. 3.
Machine for fastening annular sheet metal articles. F. H. Le Jeune and J. E. Copeland. 2,159,900; May 23.
Machine for fastening uppers to insoles. K. Engel and C. S. Kinney. 2,165,361; July 11.
Machine for feeding and shearing strip material. W. R. Chesley. 2,183,159; Dec. 12.
Machine for feeding or depositing measured quantities of dough or the like. E. Christiansen. 2,170,988; Aug. 29.
Machine for feeding receptacles. J. L. Herold. 2,144,761; Jan. 24.
Machine for feeding sheets, labels, and the like. P. W. Fleischer. 2,158,280; May 16.
Machine for forming blanks into cartons. A. G. Rose. 2,146,407; Feb. 7.
Machine for forming bottle necks upon sheet metal tubs. E. J. Greif. 2,170,946; Aug. 29.
Machine for forming buckles on bale ties. H. E. Werner. 2,154,794; Apr. 18.
Machine for forming can ends. E. V. Swangren. 2,148,247; Feb. 21.
Machine for forming cold wrought products. E. S. Cornell, Jr. 2,170,810; Aug. 29.
Machine for forming compressed feeds and similar products. D. Crabtree. 2,157,528; May 9.
Machine for forming flanged end walls for containers. S. Smith. 2,151,169; Mar. 21.
Machine for forming liner bags for containers. I. L. Wilcox. 2,152,041; Apr. 4.
Machine for forming seams. J. P. Weis. 2,157,368; May 9.
Machine for forming worms and the like. J. L. Perkins. 2,147,919; Feb. 21.
Machine for generating gears. E. Wildhaber. 2,145,000; Jan. 24.
Machine for grinding and shaping. G. Heitler. 2,149,258; Mar. 7.
Machine for grinding articles to predetermined forms. C. Day. 2,171,211; Aug. 29.
Machine for grinding or sharpening edge tools. E. G. Schulze. 2,153,275; Apr. 4.
Machine for grinding tubes. H. H. Miner. 2,147,453; Feb. 14.
Machine for hand seaming in vacuum. G. L. Ardron. 2,183,903; Dec. 19.
Machine for handling and applying sheets of material. G. W. von Hofe. 2,156,134; Apr. 25.
Machine for handling sheet material. O. E. Wolff. 2,179,535; Nov. 14.
Machine for inserting fasteners and forming the heel seat of shoe soles. H. Gordon and A. C. Rogge. 2,147,621; Feb. 14.
Machine for inserting supplements into folded signatures. E. Oppliger. 2,149,462; Mar. 7.
Machine for inspecting, boxing, and weighing metal sheets. F. O. Phillips and G. T. Evans. 2,182,408; Dec. 5.
Machine for intrusively punching. F. J. Chandler. 2,143,507; Jan. 10.
Machine for ironing furs. G. Frommer. 2,172,869; Sept. 12.
Machine for laying breast covers at the joint between the heel and shoe. O. Graf. 2,156,239; Apr. 25.
Machine for laying out and marking ophthalmic lenses. O. M. Smith. 2,146,599; Feb. 7.
Machine for leveling land and forming borders. J. J. Allison and I. F. Collier. 2,153,446; Apr. 4.
Machine for leveling wegs. J. Menschner. 2,157,556; May 9.
Machine for longitudinally and transversely slicing pickles and the like. R. D. Williams. 2,150,735; Mar. 14.
Machine for making a barrel. R. A. Terrell. 2,158,312; May 16.
Machine for making a spirally bound sheaf. W. Grumbacher. 2,182,844; Dec. 12.
Machine for making air cleaner filter units. J. A. Anderson and L. G. Hunt. 2,154,081; Apr. 11.
Machine for making and inserting metallic fasteners. D. J. Ajouelo and J. L. Moore. Re. 21,141; July 11.
Machine for making book covers. F. Humphrey and A. Krieger. 2,171,126; Aug. 29.
Machine for making braided wire netting. S. B. Blaisdell and R. J. A. Ingouf. 2,160,715; May 30.
Machine for making candy canes. C. C. Page. 2,175,089; Oct. 3.
Machine for making card clothing. B. I. Becker. 2,174,173; Sept. 26.
Machine for making cigar bunches. S. Clausen. 2,177,623; Oct. 24.
Machine for making cigarettes. I. Lubbock. 2,165,144; July 4.
Machine for making corrugated articles. H. W. Romanoff. 2,163,063; June 20.
Machine for making corrugated paper. C. D. Miller. 2,173,852; Sept. 26.
Machine for making cross-bottom paper bags. B. A. E. Johnson. 2,159,853; May 23.
Machine for making cups. H. M. Hill. 2,177,652; Oct. 31.
Machine for making egg box fillers. R. S. Davis. 2,151,015; Mar. 21.
Machine for making fastener stringers. G. Sundback. 2,169,178; Aug. 8.
Machine for making, filling, and sealing containers. J. K. M. Harrison. 2,180,954; Nov. 21.
Machine for making firecrackers. R. C. Hitt. 2,179,373; Nov. 7.
Machine for making frozen confections. W. J. Taylor. 2,166,380; July 18.
Machine for making frozen confections or the like. J. F. Robb. 2,155,995; Apr. 25.
Machine for making garment hangers. H. O. Ronning, H. E. Cullen, E. G. Monson, and N. H. Sandberg. 2,173,313; Sept. 19.
Machine for making golf balls. B. Bogoslowsky. 2,153,409; Apr. 4.
Machine for making hot tamales and other food products. F. L. White. 2,142,468; Jan. 3.
Machine for making knock-down boxes. S. Bergstein. 2,149,111; Feb. 28.
Machine for making laminated containers. S. Smith. 2,154,825; Apr. 18.
Machine for making manifold forms. G. L. Fulk. 2,144,331; Jan. 17.
Machine for making pen points. O. W. Langhans. 2,154,243; Apr. 11.
Machine for making pie dough or like pastries. J. Mast. 2,179,076; Nov. 7.
Machine for making pies, turnovers and the like. I. F. McDonald. 2,160,783; May 30.
Machine for making plaster ground. A. Martin. 2,179,128; Nov. 7.
Machine for making sanitary napkins. O. E. Hagen. 2,145,048; Jan. 24.
Machine for making tubs and the like. A. M. Walstrom. 2,161,115; June 6.
Machine for making wire straps. E. S. Hall. 2,142,508–9; Jan. 3.
Machine for making wired box parts. A. L. Rosenmund. 2,161,200; June 6.
Machine for making wired tags. J. R. Nolan. 2,177,739; Oct. 31.
Machine for making wrappers. M. J. Milmoe and C. J. Malhiot. 2,165,289; July 11.
Machine for making wrappers. F. Parry. 2,145,524; Jan. 31.
Machine for making zipper fasteners. E. M. Arentzen. 2,148,673; Feb. 28.
Machine for manufacture of coat hangers. W. Backer. 2,145,810; Jan. 31.
Machine for manufacturing bag tubes. H. E. Townsend. 2,163,265; June 20.
Machine for manufacturing clay products. C. E. Doll and C. F. Copeland. 2,180,895; Nov. 21.
Machine for manufacturing cutter bits. A. O. Bruestle. 2,176,486; Oct. 17.
Machine for manufacturing shoes. A. Labrie. 2,163,688; June 27.
Machine for manufacturing strap sandals. J. S. Kamborian. 2,170,864; Aug. 29.
Machine for marking electric conductors. A. P. Hinsky. 2,184,552; Dec. 26.
Machine for marking leather and the like. H. E. Kleinschmidt. 2,163,494; June 20.
Machine for metalworking. R. L. Rougemont. 2,142,736; Jan. 3.
Machine for mixing, homogenizing, and dispersing purposes. O. F. Neitzke. 2,159,670; May 23.
Machine for molding and dividing plastic material. F. Bruggimann. 2,182,656; Dec. 5.
Machine for molding and embossing sweets. H. Thürlings. 2,157,467; May 9.
Machine for molding pellets from plastic substances, Extrusion. A. W. Sizer. 2,174,141; Sept. 26.
Machine for molding plastic materials. J. Lauterbach. 2,155,316; Apr. 18.
Machine for mounting bottles in cases. J. Hack. 2,171,650; Sept. 5.
Machine for notching and bending pipes. H. V. Dunn. 2,160,327; May 30.
Machine for opening envelopes. A. M. Coleman, C. C. Bater, and G. A. Lee. 2,168,394; Aug. 8.
Machine for operating on fruits and the like. T. B. Hitchens. 2,182,538; Dec. 5.
Machine for operating on shoe parts. A. A. Lawson. 2,170,823; Aug. 29.
Machine for operating on shoes. C. G. Brostrom. 2,178,556; Nov. 7.
Machine for operating on shoes. J. C. Jorgensen. 2,153,570; Apr. 11.
Machine for operating on shoes. E. Quinn. 2,183,170; Dec. 12.
Machine for operating upon hides, skins, and leather. O. Boettger. 2,177,015; Oct. 24.
Machine for operating upon insoles and method which may be performed thereby. F. E. Bertrand. 2,173,957; Sept. 26.
Machine for operating upon nuts. A. J. and C. W. Lloyd. 2,183,080; Dec. 12.
Machine for operating upon sheet material. F. L. Corson. 2,143,185; Jan. 10.
Machine for operating upon sheet material. W. J. De Witt. 2,172,502; Sept. 12.
Machine for operating upon soles. F. V. Hart. 2,182,806; Dec. 12.

Machine for operating upon the heel-portions of shoes. F. L. Brandt. 2,155,527; Apr. 25.
Machine for operating upon warps. M. N. Noling. 2,175,277; Oct. 10.
Machine for ornamenting leather, etc. R. M. Sichère. 2,181,348–9; Nov. 28.
Machine for packeting cigarettes and the like. G. D. Horgan. 2,179,123; Nov. 7.
Machine for paving streets. H. Bührmann. 2,184,906; Dec. 26.
Machine for peeling fruit. E. Perez. 2,146,267; Feb. 7.
Machine for pegging lifts to shoe heels. E. O. and E. Aichele. 2,178,060; Oct. 31.
Machine for performing abrading operations on shoes or articles of like character. E. I. La Chapelle. 2,177,025; Oct. 24.
Machine for picking cotton. W. E. Urschel. 2,180,568; Nov. 21.
Machine for pitching the coils of helical springs. F. O. Holsiter. 2,169,248; Aug. 15.
Machine for preparing corn for canning on the cob. F. W. Douthitt. 2,158,977; May 16.
Machine for pressing soles on the bottoms of shoes. S. J. Finn. 2,149,391; Mar. 7.
Machine for printing designs on fabrics. C. Masson. 2,162,440; June 13.
Machine for producing compressed feeds. D. Crabtree. 2,177,132; Oct. 24.
Machine for producing modified types of upholstery springs. W. W. Gleason. 2,175,459; Oct. 10.
Machine for producing molded fibrous pulp articles. W. H. Randall and F. C. Harper. 2,183,869; Dec. 19.
Machine for pulling standing flax or other like plants. M. A. Soenens. 2,183,946; Dec. 19.
Machine for raising the pile of pile fabrics. J. B. Ubbink. 2,173,404; Sept. 19.
Machine for receiving and conveying into and out of the pickling tanks, piles of sheet billets, semifinished rolled products, sheets, and other material to be pickled. K. P. Harten and A. Lerg. 2,168,205; Aug. 1.
Machine for reconditioning bale bands, box strappings, and the like. A. Bond. 2,168,435; Aug. 8.
Machine for recording and reproducing sound magnetically. L. S. Wallis. 2,151,629; Mar. 21.
Machine for reinforcing metallic sheets. G. E. Kentis. 2,144,572; Jan. 17.
Machine for removing shoes from lasts. J. M. Whelton. 2,182,832; Dec. 12.
Machine for removing water from pulp, cellulose, and the like. O. Qviller. Re. 21,201; Sept. 5.
Machine for rolling the bases of cartridge cases. A. Wolff. 2,184,030; Dec. 19.
Machine for rubbing hats. V. Böhm. 2,154,196; Apr. 11.
Machine for sampling cotton. G. E. Gaus and R. G. McWhirter. 2,173,071; Sept. 12.
Machine for securing heels to shoes. R. Ellison. 2,175,595; Oct. 10.
Machine for separating and feeding blanks. W. W. Davidson. 2,175,167; Oct. 10.
Machine for separating, counting, delivering, wrapping, and addressing sheet material. O. E. Wolff. 2,179,534; Nov. 14.
Machine for separating shoes from lasts. J. Harrington, Jr. 2,144,624; Jan. 24.
Machine for separating solid materials. F. N. Fairbank. 2,155,587; Apr. 25.
Machine for severing plastic materials. R. F. Lovell. 2,145,770; Jan. 31.
Machine for shaping butter and like materials. U. Fabbro. 2,160,696; May 30.
Machine for shaping forms from fabric materials. H. B. Fuchs. 2,179,692; Nov. 14.
Machine for shaping rubber mats and the like. E. J. Scott. 2,183,508; Dec. 12.
Machine for shaping shoe uppers. G. H. Dove and R. P. Swain. 2,164,864; July 4.
Machine for shaping soles. F. V. Hart. 2,170,022; Aug. 22.
Machine for shaping uppers over lasts. E. A. Bessom. 2,166,936; July 25.
Machine for shaping uppers over lasts. W. N. Bray. 2,142,234; Jan. 3.
Machine for shaping uppers over lasts. C. E. Hood. 2,165,262; July 11.
Machine for shaping uppers over lasts. B. Jorgensen. 2,156,393; May 2.
Machine for shaping uppers over lasts. B. Jorgensen. 2,181,896; Dec. 5.
Machine for sharpening knives for plush and velvet cutting. W. Trüjen. 2,174,048; Sept. 26.
Machine for sharpening lawn mowers. W. F. Ingleman. 2,149,774; Mar. 7.
Machine for shrinking hat bats. H. A. Genest. 2,183,238; Dec. 12.
Machine for sizing and finishing bores. H. W. Zimmerman. 2,155,072; Apr. 18.
Machine for sizing leather belts. J. A. Webb. 2,157,874; May 9.
Machine for slicing salmon. V. R. A. Dalenius and J. L. Nyström. 2,170,425; Aug. 22.
Machine for slotting cutter bodies. W. F. Zimmermann. 2,161,269; June 6.
Machine for splitting fibers. L. Bayer. 2,180,273; Nov. 14.
Machine for straightening and polishing rods and tubes. C. Didden. 2,163,669; June 27.
Machine for stretchng and softening leather. B. J. Pierson. 2,175,570; Oct. 10.
Machine for stripping and sorting tobacco leaves. F. A. B. Dittrich. 2,148,015; Feb. 21.
Machine for surface finishing. B. F. Bower. 2,161,947; June 13.
Machine for surface hardening metal articles. A. E. Shorter. 2,170,876; Aug. 29.
Machine for surfacing metal. W. J. F. Forward. 2,146,810; Feb. 14.
Machine for taping shoe parts. F. L. Corson. 2,168,471; Aug. 8.
Machine for testing the dynamic balance of wheels. W. A. Cataland. 2,146,417; Feb. 7.
Machine for the continuous extrusion of metal. P. Dunsheath. 2,172,651; Sept. 12.
Machine for the manufacture of filters for cigarettes. O. Ahne. 2,147,278; Feb. 14.
Machine for the manufacture of glass bottles. W. B. Mitchell. 2,151,864; Mar. 28.
Machine for the manufacture of glass bottles and the like F. W. Armytage. 2,147,393; Feb. 14.
Machine for the production of box parts. J. Schmiedel. 2,149,554; Mar. 7.
Machine for the transferring and treating of articles. J. Ettl. 2,144,717; Jan. 24.
Machine for the treatment of photographic prints. J. Samandji. 2,154,585; Apr. 18.
Machine for the winding of the electrical coils on a ring-formed dynamo core. E. Kürsteiner. 2,168,957; Aug. 8.
Machine for threading nuts. J. J. McLaughlin. 2,180,536; Nov. 21.
Machine for treating articles of sheet material. H. Gingell. 2,150,274; Mar. 14.
Machine for treating eggs. R. R. Brogden. 2,153,296; Apr. 4.
Machine for treating fats. A. V. Hammer. 2,169,642; Aug. 15.
Machine for treating metallic sheets. C. S. Woolford. 2,176,939; Oct. 24.
Machine for undulatingly corrugating cardboard. H. G. Burrill. 2,166,749; July 18.
Machine for unrolling, measuring, and rerolling yardage. C. L. Walter and R. L. Blodgett. 2,152,118; Mar. 28.
Machine for use in applying heels to shoes. E. H. Bastable. 2,155,581; Apr. 25.
Machine for use in applying pressure to shoe bottoms. E. I. La Chapelle. 2,167,806; Aug. 1.
Machine for use in manufacturing boots and shoes. R. E. Duplessis. 2,180,277; Nov. 14.
Machine for use in pressing soles on shoe bottoms. C. H. Pepin. 2,158,196; May 16.
Machine for washing drinking vessels. W. F. Ohme. 2,142,283; Jan. 3.
Machine for washing drinking vessels. W. F. Ohme and R. C. Stephan. 2,151,437; Mar. 21.
Machine for washing, drying, and polishing fruits. E. Nicholson. 2,178,185; Oct. 31.
Machine for winding duolateral electrical coils. F. N. Jacob. 2,180,207; Nov. 14.
Machine for winding textile strands. L. A. Runton. 2,160,910; June 6.
Machine for withdrawing from a pile and opening collapsed folding boxes. H. Schwinger. 2,147,994; Feb. 21.
Machine for working or disintegrating materials of all kinds, especially for husking grains. L. Zinsser. 2,166,652; July 18.
Machine for working uppers over lasts. F. Ricks, H. Boothroyd, and C. H. James. 2,152,855; Apr. 4.
Machine gear shifting means for machine tools. L. Magyar. 2,172,940; Sept. 12.
Machine handle. N. B. Smyers. 2,156,200; Apr. 25.
Machine-knit fabric. D. H. Cavanaugh. 2,162,837; June 20.
Machine locking device. R. J. McFarland. 2,171,664; Sept. 5.
Machine operating on record cards. E. J. Von Pein. 2,168,434; Aug. 8.
Machine set. F. Neugebauer. 2,149,785; Mar. 7.
Machine-set type composition, Production of. W. Wigg. 2,159,492; May 23.
Machine-shop fixture. E. R. Michener and W. G. Vollmer. 2,173,398; Sept. 19.
Machine slideway. W. L. Dolle. 2,167,609; July 25.
Machine to cube steaks. A. Motrinec. 2,167,051; July 25.
Machine to cut or trim asphalt roads. J. T. Clamp. 2,164,446; July 4.
Machine to punch electric sign tape or the like. A. Zuckermann and A. J. E. Renard. 2,164,046; June 27.
Machine tool. L. B. Ades. 2,151,291; Mar. 21.
Machine tool. W. D. Archea and C. E. Brown. 2,143,533; Jan. 10.
Machine tool. J. B. Armitage. 2,157,471; May 9.
Machine tool. A. Dorin. 2,154,326; Apr. 11.
Machine tool. H. E. Edwards. 2,182,551; Dec. 5.
Machine tool. W. J. F. Forward. 2,142,439; Jan. 3.
Machine tool. L. E. Godfriaux. 2,159,207; May 23.
Machine tool. B. R. Granberg. 2,160,858; June 6.

Machine tool. B. Granberg and J. B. Sinderson. 2,144,735; Jan. 24.
Machine tool. F. J. Kampmeier. 2,160,476; May 30.
Machine tool. W. R. Knox. 2,157,762; May 9.
Machine tool. M. E. Lange. 2,154,514; Apr. 18.
Machine tool. M. E. Lange. 2,169,765; Aug. 15.
Machine tool. M. E. Lange. 2,169,767; Aug. 15.
Machine tool. M. E. Lange and J. J. N. Van Hamersveld. 2,169,764; Aug. 15.
Machine tool. M. E. Lange and J. J. N. Van Hamersveld. 2,169,766; Aug. 15.
Machine tool. A. J. Lewis and E. C. Bunnell. 2,145,310; Jan. 31.
Machine tool. A. A. Manning. 2,157,241; May 9.
Machine tool. G. K. McKee and C. E. Bernitt. 2,178,915; Nov. 7.
Machine tool. G. K. McKee and C. E. Bernitt. 2,183,297; Dec. 12.
Machine tool. A. Oberhoffken. 2,167,673; Aug. 1.
Machine tool. H. A. Osborne. 2,170,211; Aug. 22.
Machine tool. M. Saupe. 2,149,791; Mar. 7.
Machine tool. A. O. Schaefer. 2,151,445; Mar. 21.
Machine tool. W. I. Senger. 2,151,873; Mar. 28.
Machine tool. J. J. N. Van Hamersveld. 2,154,546; Apr. 18.
Machine tool. J. J. N. Van Hamersveld. 2,169,748–9; Aug. 15.
Machine tool. J. Verderber. 2,167,189; July 25.
Machine tool. E. J. Wells. 2,155,573; Apr. 25.
Machine tool, Heat treating. W. H. Farr. 2,182,799; Dec. 12.
Machine tool, Hydraulic. P. S. Jackson. 2,167,890; Aug. 1.
Machine tool, Small electric. R. Schumann. 2,170,036; Aug. 22.
Machine tool transmission. M. Martellotti. 2,170,502; Aug. 22.
Machine-tool transmission and control mechanism. J. B. Armitage. 2,169,484; Aug. 15.
Machine tool, Universal. F. W. Hack. 2,181,128; Nov. 28.
Machine, Winding. C. R. Sibley. 2,167,692; Aug. 1.
Machinery for making circular and coiled articles. G. K. Garrett. 2,160,497; May 30.
Machinery for making wire fencing. J. B. Getz and J. H. Leader. 2,155,186; Apr. 18.
Machines into step, Method of and apparatus for pulling synchronous. D. R. Shoults. 2,151,163; Mar. 21.
Magazine, Ammunition. L. V. S. Blacker. 2,161,696; June 6.
Magazine construction for copying cameras. P. Landrock. 2,142,853; Jan. 3.
Magazine ejectors. H. N. Fairbanks. 2,183,529; Dec. 19.
Magazine, Film. E. S. Porter. 2,163,179; June 20.
Magazine, Film. L. E. Whittaker. 2,152,369; Mar. 28.
Magazine for firearms. J. Lisov. 2,180,741; Nov. 21.
Magazine for firearms. F. K. Nolan. 2,147,208; Feb. 14.
Magazine for motion picture cameras. A. M. Frost. 2,144,622; Jan. 24.
Magazine merchandise dispenser. F. Sunderhauf. 2,142,534; Jan. 3.
Magnesium alloy. A. Burkhardt and R. Knabe. 2,159,964; May 30.
Magnesium alloy. F. Christen. 2,157,322; May 9.
Magnesium alloy. J. A. Gann. 2,178,573; Nov. 7.
Magnesium alloy. J. A. Gann. 2,178,578–82; Nov. 7.
Magnesium alloy, Copper chromium. F. R. Hensel and E. I. Larsen. 2,164,065; June 27.
Magnesium and alloys rich in magnesium, Melting and casting. L. Lasch and G. Schichtel. 2,151,779; Mar. 28.
Magnesium and its alloys, Treatment of. R. W. Buzzard. 2,163,583 June 27.
Magnesium and like metals which sublime from their ores and compounds, Separating. H. A. Blackwell and W. L. Turner. 2,165,742; July 11.
Magnesium, Apparatus for the continuous production of metallic. H. Lang. 2,143,197; Jan. 10.
Magnesium base alloy. J. A. Gann. 2,178,574–7; Nov. 7.
Magnesium by the electrolysis of its fused chloride, Preparation of. C. de Rohden. 2,162,942; June 20.
Magnesium dust into compact metallic magnesium, Converting. K. Erdmann. 2,183,392; Dec. 12.
Magnesium from aluminum alloys containing magnesium, Removing. G. Messner. 2,174,926; Oct. 3.
Magnesium hydroxide and material for making same, Suspension of. R. A. MacArthur. 2,168,228; Aug. 1.
Magnesium hydroxide and products thereof, Producing dry. B. Walton. 2,169,983; Aug. 15.
Magnesium hydroxide, Production of. F. Wienert. 2,178,983; Nov. 7.
Magnesium lead E. Grünwald. 2,173,200; Sept. 19.
Magnesium oxychloride, Producing. F. Wienert. 2,163,819; June 27.
Magnesium, Producing. R. C. Kirk. 2,158,786; May 16.
Magnesium, Producing electrolytic. S. L. Madorsky. 2,165,284; July 11.
Magnesium, Producing pure. F. Hansgirg. 2,160,969; June 6.
Magnesium, Production of. H. Lang, R. Suchy, and H. Seliger. 2,148,358; Feb. 21.
Magnesium, Production of metallic. D. Gardner. 2,147,645; Feb. 21.
Magnesium, Production of metallic. H. Seliger and O. Bretschneider. 2,168,750; Aug. 8.
Magnesium, Recovery of. P. Balz. 2,159,878; May 23.
Magnesium, Recovery of. F. Laist. 2,144,339; Jan. 17.
Magnesium, Recovery of. O. Meyer. 2,163,796; June 27.
Magnet body and making the same. V. E. Legg. 2,158,132; May 16.
Magnet clip. A. H. Madore. 2,152,897; Apr. 4.
Magnet construction. G. Hale and K. L. Scott. 2,144,184; Jan. 17.
Magnet construction, Permanent. R. Reese and H. Huttig. 2,144,546; Jan. 17.
Magnet control. R. O. Wertz. 2,181,539; Nov. 28.
Magnet, Electric. W. Van Guilder. 2,162,465; June 13.
Magnet for organs. D. Marr. 2,158,010; May 9.
Magnet for organs. D. Marr. 2,167,407; July 25.
Magnet, Lifting. H. E. Hodgson. 2,160,019; May 30.
Magnet material. F. R. Hensel. 2,167,240; July 25.
Magnet of copper-cobaltnickel alloy, Permanent. W. Dannöhl and H. Neumann. 2,170,047; Aug. 22.
Magnet structure, Permanent. F. W. Merrill. 2,146,588; Feb. 7.
Magnet, Tank. H. G. Stephan. 2,184,199; Dec. 19.
Magnetic analysis. T. Zuschlag. 2,144,476; Jan. 17.
Magnetic apparatus, Adjustable. P. D. Crout. 2,157,324; May 9.
Magnetic bodies, Making. V. E. Legg. 2,169,732; Aug. 15.
Magnetic coupling. G. Neumann. 2,178,641; Nov. 7.
Magnetic device. E. T. Burton. 2,164,383; July 4.
Magnetic device. T. D. Thomas. 2,145,499; Jan. 31.
Magnetic field, Apparatus for and method of measuring the terrestrial. V. V. Vacquier. 2,151,627; Mar. 21.
Magnetic field direction finder. U. Guerra. 2,158,500; May 16.
Magnetic filter. J. R. Frei. 2,149,764; Mar. 7.
Magnetic impulse storing device. E. T. Burton. 2,147,688; Feb. 21.
Magnetic material. I. W. Cox. 2,154,730; Apr. 18.
Magnetic material. J. L. Snoek. 2,172,626; Sept. 12.
Magnetic material having low hysteresis losses. G. Holst, W. Six, J. L. Snoek, and W. G. Burgers. 2,147,791; Feb. 21.
Magnetic material of high permeability in sheet form, Manufacturing. G. Wassermann. 2,173,240; Sept. 19.
Magnetic pick-up for musical instruments. G. R. Miller. 2,145,490; Jan. 31.
Magnetic rail brake. C. C. Farmer. 2,180,870; Nov. 21.
Magnetic separation, Method of wet. C. Q. Payne. 2,156,125; Apr. 25.
Magnetic separator. P. L. Steffensen. 2,160,628; May 30.
Magnetic separator. B. C. Woodford. 2,162,190; June 13.
Magnetic sheet, Producing. F. Bitter. 2,165,027; July 4.
Magnetic substance, Finely divided. R. Brill and K. Schoenemann. 2,179,810; Nov. 14.
Magnetic system for dynamic loudspeakers. A. Sauerland. 2,161,318; June 6.
Magnetic testing. T. C. Hana. 2,152,690; Apr. 4.
Magnetic testing apparatus. D. R. Knox. 2,156,592; May 2.
Magnetic track brake. J. B. Hull. 2,170,244; Aug. 22.
Magnetic track brake. T. H. Schoepf and D. M. Ritchie. 2,161,684; June 6.
Magnetic unit. L. H. Wadsworth. 2,163,161; June 20.
Magnetic valve. L. A. Cole. 2,157,480; May 9.
Magnetic variations into electric variations, Translating. A. M. Skellett. 2,165,307; July 11.
Magnetic work holder. F. R. Mallalieu. 2,160,405; May 30.
Magnetizable fluid. R. Lucas. 2,149,782; Mar. 7.
Magneto. W. Dorn. 2,142,094; Jan. 3.
Magneto. F. G. Hobart. 2,175,664; Oct. 10.
Magneto. T. G. Louis. 2,150,688; Mar. 14.
Magneto assembly for internal combustion engines, Flywheel. E. N. Jacobi. 2,157,666; May 9.
Magneto attachment. A. V. Pellet. 2,180,546; Nov. 21.
Magneto breaker contact point opening and closing indicator. M. L. Johnson and J. J. Rose. 2,184,304; Dec. 26.
Magneto coupling, Automatic. K. A. Browne. 2,162,243; June 13.
Magneto electric generator. L. S. Dunham and A. F. Robertson. 2,161,954; June 13.
Magneto-electric machine. C. F. Reis. 2,152,918; Apr. 4.
Magnetoelectric pick-up device for stringed musical instruments. H. S. Sunshine. 2,175,325; Oct. 10.
Magneto, Engine shaft. L. S. Dunham. 2,144,218; Jan. 17.
Magneto generator. I. W. Cox. 2,170,892; Aug. 29.
Magneto generator. W. J. Spengler. 2,169,597; Aug. 15.
Magneto, Ignition. U. Quintavalle. 2,154,865; Apr. 18.
Magnetometers, Method and apparatus for calibrating. J. W. Pearson. 2,149,717; Mar. 7.
Magneto mount. R. Chilton. 2,146,529; Feb. 7.
Magneto mounting means. L. S. Dunham. 2,161,955; June 13.
Magneto rotor construction. J. L. Engler. 2,175,258; Oct. 10.
Magnetostrictive device. E. Lakatos. 2,166,359; July 18.
Magnetron. K. Fritz. 2,162,807; June 20.
Magnetron. K. Fritz. 2,173,252; Sept. 19.
Magnetron. H. E. Hollmann. 2,151,766; Mar. 28.
Magnetron apparatus. R. A. Braden. 2,142,345; Jan. 3.
Magnetron detector circuit. R. A. Braden. 2,147,143; Feb. 14.

Magnetron modulation method. K. Fritz. 2,142,186; Jan. 3.
Magnetron system for simultaneous transmission and reception. E. Gerhard. 2,159,478; May 23.
Magnetrons, System for and method of modulating. K. Fritz. 2,148,114; Feb. 21.
Magnets, Manufacturing permanent. G. B. Jonas. 2,161,926; June 13.
Magnifying device. G. W. Simpson. 2,172,597; Sept. 12.
Magnifying glass renting device. F. Brodsky. 2,172,432; Sept. 12.
Mail box. R. H. Bess. 2,179,913; Nov. 14.
Mail box. A. M. Bienz. 2,144,323; Jan. 17.
Mail box. S. O. Florence. 2,164,855; July 4.
Mail box. J. L. Hurst. 2,156,854; May 2.
Mail box support, Self-adjusting rural. J. B. Townsend. 2,145,782; Jan. 31.
Mailing machine, Coin operated. L. A. Thatcher. 2,170,270; Aug. 22.
Mains supply apparatus. K. Schlesinger. 2,163,218; June 20.
Make and break device. G. Soulat. 2,182,038; Dec. 5.
Make-ready and proof machine. W. F. Huck. 2,158,237; May 16.
Male electric plug, Switch equipped. F. L. Lottridge. 2,153,721; Apr. 11.
Maleic anhydride, Purification of. E. R. Littmann. 2,150,331; Mar. 14.
Malt-enzyme extraction in beer making. E. Heimann. 2,163,200; June 20.
Malto-Dextrine, Process and apparatus for manufacturing. L. N. Hartog. 2,155,374; Apr. 18.
Maltosamine and preparing it. J. H. Werntz. 2,181,929; Dec. 5.
Manhole cover. C. H. Smith. 2,156,166; Apr. 25.
Manhole structure. H. F. Slocum. 2,163,221; June 20.
Manholes, Constructing concrete. J. M. Hardesty and S. M. Sutton. 2,166,632; July 18.
Man-powered vehicle. L. M. Taylor. 2,177,793; Oct. 31.
Mandrel. E. B. Newell. 2,146,590; Feb. 7.
Mandrel and polisher for polishing and grinding devices. H. R. Berger. 2,181,474; Nov. 28.
Mandrel bar. B. Bannister. 2,182,910; Dec. 12.
Mandrel, Expansible. E. E. Keyes. 2,161,061; June 6.
Mandrel for making pipe bends. J. H. Taylor. 2,181,384; Nov. 28.
Mandrel for small-mouthed containers, Collapsible. I. F. Mandell. 2,181,816; Nov. 28.
Manganese alloys, Stabilizing. E. F. Doom. 2,154,607; Apr. 18.
Manganese from ore, Extracting. A. T. Sweet and J. D. MacCarthy. 2,176,774; Oct. 17.
Manganese ores, Treating. A. L. Jacobs. 2,154,128; Apr. 11.
Manganese sulphate solutions, Purification of. S. M. Shelton. 2,169,540; Aug. 15.
Manganese values from ores containing them, Obtaining. A. T. Sweet and J. D. MacCarthy. 2,176,776; Oct. 17.
Manicure accessory. A. G. Dana. 2,179,922; Nov. 14.
Manicure implement. G. Hammond. 2,148,157; Feb. 21.
Manicuring table. P. Percy. 2,147,314; Feb. 14.
Manicurist's hand support. F. Perez. 2,171,804; Sept. 5.
Manifold equalizer, Dual. D. Firth. 2,172,957; Sept. 12.
Manifold form. C. W. Zartman. 2,184,509; Dec. 26.
Manifold, Gas meter. E. W. Ruscher. 2,153,343; Apr. 4.
Manifold, Intake. J. P. Charles. 2,175,428; Oct. 10.
Manifold, Intake. W. H. Manning. 2,175,438; Oct. 10.
Manifold, Intake. D. A. Sullivan. 2,160,922; June 6.
Manifold material pack. J. Q. Sherman. 2,175,222; Oct. 10.
Manifold system, Internal combustion. R. C. Belgau. 2,150,905; Mar. 21.
Manifold tie rod clamp. J. H. Howard. 2,174,001; Sept. 26.
Manifold, Valve. F. P. Roesch. 2,160,563; May 30.
Manifold valve. L. C. Roney. 2,163,132; June 20.
Manifolding. W. G. Borchers and N. Cirillo. 2,150,538; Mar. 14.
Manifolding. C. W. Brenn. 2,159,500; May 23.
Manifolding. C. W. Brenn. 2,169,994; Aug. 22.
Manifolding. C. W. Brenn. 2,178,096; Oct. 31.
Manifolding. A. A. Johnson. 2,178,103; Oct. 31.
Manifolding. B. W. Kinyon. 2,164,685; July 4.
Manifolding. F. G. Wellner. 2,148,387; Feb. 21.
Manifolding appliance. W. O. Critchfield. 2,163,193; June 20.
Manifolding assembly for mailing. O. Blitz. 2,156,142; Apr. 25.
Manifolding device. W. G. Borchers. 2,149,006; Feb. 28.
Manifolding device. G. U. La Croix. 2,163,990; June 27.
Manifolding device. G. L. Fulk. 2,143,107; Jan. 10.
Manifolding device. W. E. McIntosh. 2,142,323; Jan. 3.
Manifolding machine. C. W. Brenn. 2,159,501; May 23.
Manifolding record assembly. E. K. Bottle. 2,156,143; Apr. 25.
Manifolding register. W. G. Borchers. 2,162,193; June 13.
Manifolding set. G. W. Hall. 2,170,241; Aug. 22.
Manikin. S. Weis and J. F. Bechtold. 2,174,932; Oct. 3.
Manikin, Mechanical. J. H. Barrett. 2,169,380; Aug. 15.
Mannikin with eyes and lashes. S. Marcus. 2,161,878; June 13.
Manometer. H. W. Eden. 2,144,404; Jan. 17.
Manometer switch. P. L. Lenz. 2,157,905; May 9.
Manometer unit for a sphygmomanometer. R. F. Roda. 2,160,407; May 30.
Mantle, Incandescent. H. Rinnman. 2,158,304; May 16.
Mantle support. H. Rinnman. 2,175,316; Oct. 10.
Mantle, Trunk. F. L. Holtzman. 2,154,750; Apr. 18.
Manual exercising and physical developing device. H. Walton. 2,143,337; Jan. 10.
Manual or guide, Service. J. A. Purvis. 2,181,588; Nov. 28.
Manufacture of cork block and insulation. P. E. Flotron. 2,167,800; Aug. 1.
Manufacture of iron, steel and ferrous alloys from pig iron. G. W. Willis. 2,167,859; Aug. 1.
Manuscript manipulating device, Pocket strip. R. F. Smith. 2,175,926; Oct. 10.
Map. W. C. Anderson. 2,155,387; Apr. 25.
Map, Road. W. R. Thomas. 2,157,033; May 2.
Map and like article support. J. H. Beck. 2,171,497; Aug. 29.
Map holding device for airplanes. M. J. Douglas. 2,176,708; Oct. 17.
Map mounting means for automobiles, Road. W. G. Hardt. 2,180,146; Nov. 14.
Mapping device. G. A. Schulze. 2,157,634; May 9.
Mapping machine. J. E. Jackson. 2,149,440; Mar. 7.
Maps, Method and apparatus for assembling. L. T. Eliel, E. R. Polley, and M. A. Phillips. 2,180,406; Nov. 21.
Marble shooter. C. D. Piper. 2,173,132; Sept. 19.
Marine boiler. H. T. Dyer and J. A. Barnes. 2,157,751; May 9.
Marine growths which impede navigation, Apparatus for destroying and removing. E. Bell. 2,181,863; Dec. 5.
Marine propulsion system. P. C. Day. 2,179,370; Nov. 7.
Marine water tube boiler. H. Trede. 2,149,477; Mar. 7.
Mark for stereoscopic range finders, Measuring. A. König and K. Kühne. 2,144,262; Jan. 17.
Marker. M. Menachof. 2,155,992; Apr. 25.
Marker. W. H. Silver. 2,176,363; Oct. 17.
Marker. J. W. Vanderveer. 2,154,966; Apr. 18.
Marker and applying the same, Road. F. J. Farrell. 2,180,105; Nov. 14.
Marker and fastening clip, Sweatband. J. Cavanagh. 2,153,611; Apr. 11.
Marker and other indicator, Grave. S. Arkin. 2,153,229; Apr. 4.
Marker, Dowel center. A. C. Anton. 2,147,511; Feb. 14.
Marker, Dry line. W. M. Overcash. 2,150,609; Mar. 14.
Marker for number game cards, Sliding. F. W. Pittinger. 2,170,033; Aug. 22.
Marker, Garment. R. Hoffman. 2,182,024; Dec. 5.
Marker, Highway. T. L. Adas. 2,169,674; Aug. 15.
Marker, Highway. H. G. Meigs. 2,151,277; Mar. 21.
Marker, Illuminated, Road. T. P. Dorn. 2,172,367; Sept. 12.
Marker, Permanent land. E. W. Watkins. 2,181,032; Nov. 21.
Marker, Plant. J. N. Magovern. 2,181,977; Dec. 5.
Marker, Potential recording. F. Offner. 2,150,729; Mar. 14.
Marker, Reflecting. H. W. Stoddard. 2,159,458; May 23.
Marker, Road. F. J. Farrell. 2,166,669; July 18.
Marker, Road. O. J. Morrison. 2,163,346; June 20.
Marker, Road. H. J. Rosener. 2,157,059; May 2.
Marker, Road or street. E. M. Dezendorf. 2,178,164; Oct. 31.
Marker, Row. C. M. Cormany. 2,175,282; Oct. 10.
Marker, Skirt. F. Hagner. 2,153,799; Apr. 11.
Marker, Tractor power lift row. J. C. Robinson. 2,178,124; Oct. 31.
Marker, Traffic. R. H. Osbrink. 2,174,637; Oct. 3.
Marking. J. M. Auzin. 2,152,725; Apr. 4.
Marking and perforating machine, Combined ink. A. W. Altvater. 2,143,504; Jan. 10.
Marking apparatus. H. Rumrill. 2,156,197; Apr. 25.
Marking device. J. L. Ferguson. 2,172,318; Sept. 5.
Marking device and using the same. R. Hoffman. 2,181,600; Nov. 28.
Market quotation selector. H. L. Krum and A. H. Reiber. 2,183,022; Dec. 12.
Marking device for index blanks. T. C. Brown. 2,154,029; Apr. 11.
Marking device for index blanks. H. F. M. Gramann. 2,154,269; Apr. 11.
Marking machine. N. V. Dyer. 2,160,063; May 30.
Marking machine. H. E. Elliott. 2,150,272; Mar. 14.
Marking machine. H. E. Elliott and F. C. Choice. 2,157,200; May 9.
Marking machine. W. S. Petty. 2,157,497; May 9.
Marking machine. C. A. Putnam and C. F. Robbins. 2,151,230; Mar. 21.
Marquee letter and support. M. Gallas. 2,143,731; Jan. 10.
Marquee, Prefabricated. M. L. Clark. 2,154,394–5; Apr. 11.
Mask. A. R. Houk. 2,151,427; Mar. 21.
Mask. H. A. Jackson. 2,156,181; Apr. 25.
Mask. L. E. Snodgrass. 2,180,216; Nov. 14.
Mask device. F. F. Weidenborner. 2,167,131; July 25.
Mask facepiece, Fully-molded gas. S. H. Katz and D. O. Burger. 2,164,330; July 4.
Mask for fowl. H. Nadler. 2,154,105; Apr. 11.
Mask for stenciling. A. Fischer. 2,161,030; June 6.

Mask, Gas. V. Horak. 2,156,852; May 2.
Mask, Head. L. B. Fleming and H. E. McIntosh. 2,153,714; Apr. 11.
Mask, Shampoo. W. Davis. 2,162,608; June 13.
Mask, Surgical. C. Otero. 2,149,067; Feb. 28.
Mask, Protective. E. F. Shipman. 2,169,745; Aug. 15.
Mask, Welder's. K. W. Mentetski. 2,174,667; Oct. 3.
Masonry unit or block. J. Erdman. 2,182,470; Dec. 5.
Massage apparatus. H. F. Thomas. 2,161,986; June 13.
Massage device. G. H. Heymann and E. D. Rose. 2,154,846; Apr. 18.
Massage device. J. L. Younghusband. 2,176,697; Oct. 17.
Massage instrument. W. D. Smith. 2,176,366; Oct. 17.
Massage machine. W. W. Evans. 2,146,177; Feb. 7.
Massage table. A. A. Faigle. 2,184,418; Dec. 26.
Massager, Gum. H. Grout and Z. Lemley. 2,172,998; Sept. 12.
Massager, Gum. E. O. Love and E. J. Molitor. 2,176,309; Oct. 17.
Massaging and cleansing device. L. Y. Booharin. 2,154,831; Apr. 18.
Massaging apparatus, Mechanical. S. Benson. 2,157,395; May 9.
Massaging device. D. Clarke. 2,168,975; Aug. 8.
Massaging device. C. E. Kesteven and J. W. Michaelson. 2,168,842; Aug. 8.
Massaging machine. W. W. Jones. 2,143,320; Jan. 10.
Massecuite in mixer spouts, Heat treatment of. W. E. Smith. 2,172,040; Sept. 5.
Masses from organic colloids, Plastic. G. Wilmanns. 2,146,873; Feb. 14.
Masses, Solidifying permeable. T. G. Malmberg. 2,176,266; Oct. 17.
Mast for portable well drilling and operating apparatus, Folding. G. K. Claire. 2,176,731; Oct. 17.
Mast for radio broadcasting. A. E. Lingo. 2,162,675; June 13.
Mast with movable eyes, Flexible. S. Marcus. 2,183,025; Dec. 12.
Master controller. E. R. Fitch. 2,170,240; Aug. 22.
Master switch, Push button operated. C. A. Rasmussen. 2,144,665; Jan. 24.
Mat. E. F. McClung and P. S. Schildknecht. 2,144,683; Jan. 24.
Mat and suction cup mechanism, Bath. R. L. Keays. 2,175,941; Oct. 10.
Mat, Bath. R. D. Ransom. 2,169,902; Aug. 15.
Mat, Closet bowl mounting. H. C. Williams. 2,152,719; Apr. 4.
Mat construction. H. W. Bell. 2,142,832; Jan. 3.
Mat, etc., Bath. F. Sudell. 2,144,555; Jan. 17.
Mat, Fire. F. W. Bennett. 2,183,113; Dec. 12.
Mat, Link. M. Low. 2,144,588; Jan. 17.
Mat, Method and apparatus for forming a fibrous. G. M. Lannan. 2,165,280; July 11.
Mat, Oil press. G. V. Sumner. 2,164,127; June 27.
Mat, Process and apparatus for a formed. H. S. Campbell. 2,183,984; Dec. 19.
Match. W. W. Bell. 2,160,115; May 30.
Match. W. Pratt. 2,163,009; June 20.
Match book. G. Jahns. 2,151,031; Mar. 21.
Match book. J. P. Roselló. 2,175,703; Oct. 10.
Match book, Advertising. A. Weiss. 2,184,629; Dec. 26.
Match book machine. S. E. Rahe. 2,183,029; Dec. 12.
Match book structure. L. O. H. Lemke. 2,182,495; Dec. 5.
Match booking machine. E. P. Olson. 2,167,932; Aug. 1.
Match-booking machine. C. F. Wright. 2,167,934; Aug. 1.
Match book making machine. W. W. Allen. 2,158,350; May 16.
Match book, Safety. O. V. Johnson. 2,153,925; Apr. 11.
Match box. L. L. Hudson. 2,149,679; Mar. 7.
Match box. J. B. McGuire. 2,177,495; Oct. 24.
Match container. L. R. Atkins. 2,182,909; Dec. 12.
Match, Electric. R. G. Richard. 2,151,409; Mar. 21.
Match holder. C. E. Berg. 2,164,795; July 4.
Match holder. D. O. Ford. 2,183,096; Dec. 12.
Match holder. W. C. Jones. 2,151,116; Mar. 21.
Match holder. J. B. Waller. 2,160,255; May 30.
Match package. H. L. Freeman. 2,156,781; May 2.
Match package. A. F. Stone. 2,160,180; May 30.
Match package, Paper. J. J. Neville. 2,143,083; Jan. 10.
Match packet. J. R Nolan. 2,177,738; Oct. 31.
Match packet. R. S. Pullen. 2,159,103; May 23.
Match packet holder. B. M. Yankovitch. 2,148,792; Feb. 28.
Match packet manufacturing machine and method. P. W. Dietmann. 2,155,118; Apr. 18.
Match packeting machine and method. R. S. Pullen. 2,152,441; Mar. 28.
Match packets and the like, Mechanism for assembling W. Roberts. 2,182,880; Dec. 12.
Match, Safety book. E. Ancker. 2,151,675; Mar. 28.
Material, Acoustic damping. E. C. Wente. 2,153,357; Apr. 4.
Material and a fluorescent element incorporating the same, Fluorescent. C. Pfanstiehl. 2,176,100; Oct. 17.
Material and article made therefrom, Laminated sheet. V. H. Hurt. 2,183,380; Dec. 12.
Material and bearing, Bearing. H. F. Horne and E. R. Perry. 2,162,890; June 20.
Material and coating therefor, Floor covering. R. H. Pohl. 2,153,723; Apr. 11.
Material and forming same, Moldable. H. S. Colton. 2,184,271; Dec. 26.
Material and its preparation, Textile. W. Whitehead. 2,144,354; Jan. 17.
Material and making same, Artificial. G. W. Seymour. 2,157,190; May 9.
Material and making same, Decorated. L. Lilienfeld. 2,165,393; July 11.
Material and making same, Textile. W. Whitehead. 2,150,568; Mar. 14.
Material and making the same, Moistureproof. F. M. Meigs. 2,169,366; Aug. 15.
Material and making the same, Pleated. P. Tutein. 2,164,966; July 4.
Material and making the same, Protected vegetable fibrous. G. H. Ellis. 2,161,654; June 6.
Material and making the same, Textile. W. Whitehead. 2,153,358; Apr. 4.
Material and manufacturing it, water-repellent textile. A. Voss and H. Staerk. 2,160,375; May 30.
Material and method for the treatment of rubber. G. Goll and E. Helft. 2,181,426; Nov. 28.
Material and of decolorizing liquids therewith, Preparing a decolorizing. L. Caldwell. 2,163,527; June 20.
Material and preparing same, Cellulosic. A. W. Staudt. 2,159,108; May 23.
Material and preparing the same, Fluorescent. C. Pfanstiehl. 2,176,099; Oct. 17.
Material and process of making, Smoke screen. J. F. Booker and R. L. Annis. 2,175,790; Oct. 10.
Material and process of using the same in the metal working art. M. W. Freeman. 2,172,533; Sept. 12.
Material and producing same, Coated. W. H. Charch. 2,147,629; Feb. 21.
Material and producing same, Composite. J. P. Burke. 2,177,092; Oct. 24.
Material and producing the same, Metal blasting. G. H. Kann. 2,184,926; Dec. 26.
Material and product thereof, Treatment of textile. L. Lilienfeld. 2,165,392; July 11.
Material and the like, Apparatus for coating textile. C. Emmey. 2,157,286; May 9.
Material, Apparatus for applying and securing strip. L. Q. Presby. 2,163,059; June 20.
Material, Apparatus for breaking. F. H. Armstrong. 2,146,879; Feb. 14.
Material, Apparatus for breaking. W. Noble. 2,151,328; Mar. 21.
Material, Apparatus for classifying. J. E. Kennedy. 2,150,226; Mar. 14.
Material, Apparatus for conditioning fibrous. G. and A. G. Hill, P. H. Baker, L. C. Mitchum, and E. A. Harper. 2,178,539; Nov. 7.
Material, Apparatus for creping sheet. H. Rosenfeld and J. Morhard. 2,165,728; July 11.
Material, Apparatus for deforming sheet. W. K. Wiley. 2,156,889; May 2.
Material, Apparatus for gauging wetted. L. E. Dimond. 2,170,747; Aug. 22.
Material, Apparatus for grading. R. E. Church and G. L. Sellars. 2,168,838; Aug. 8.
Material, Apparatus for notching sheet. G. F. Wales. 2,146,780; Feb. 14.
Material, Apparatus for packaging. L. A. Cundall. 2,144,046; Jan. 17.
Material, Apparatus for placing cementitious. B. C. Collier. 2,183,547; Dec. 19.
Material, Apparatus for producing decorative. I. J. Wisoff. 2,157,583; May 9.
Material, Apparatus for skiving strip. T. J. Boecker. 2,170,920; Aug. 29.
Material, Apparatus for the manufacture or reduction of laminated sheet. T. A. Hodgdon. 2,158,754; May 16.
Material, Apparatus for treating. G. R. Lewers. 2,181,190; Nov. 28.
Material, Binding fibrous building. L. Berger. 2,171,388; Aug. 29.
Material, Bonding powdered metallic. C. E. Swartz. 2,161,597; June 6.
Material-breaking device. A. Harris. 2,161,041; June 6.
Material, Coated laminated structural. E. C. Hughes. 2,181,811; Nov. 28.
Material, Coated sheet. F. E. Williams. 2,162,769; June 20.
Material collecting and loading apparatus. T. K. and T. Andersen. 2,182,781; Dec. 12.
Material, Color coated surfacing. C. E. Hillers and H. L. Small. 2,177,389; Oct. 24.
Material conditioner. J. Edge. 2,176,393; Oct. 17.
Material, Constructional. A. C. Fischer. 2,168,289; Aug. 1.
Material containing at least one expansible constituent, Method of, and apparatus for conveying. W. Heinen. 2,151,514; Mar. 21.
Material containing copper and tin, Treating. M. F. W. Heberlein. 2,152,188; Mar. 28.
Material containing fast-dyed figures, Bleaching fibrous cellulose. E. P. Sherman. 2,143,804; Jan. 10.
Material, Conveying and mixing comminuted. G. E. Westberg and H. Westberg. 2,161,553; June 6.
Material, Covering. M. Croce. 2,142,181; Jan. 3.
Material cutter and stacker. N. R. Jones and B. R. Carson. 2,182,871; Dec. 12.
Material discharge device. J. R. Probert. 2,175,541; Oct. 10.

Material distributing apparatus. A. M. Buehler. 2,144,142; Jan. 17.
Material, Electric contact. F. R. Hensel. 2,145,690; Jan. 31.
Material, Expansion joint. A. C. Fischer. 2,163,553; June 20.
Material feeding mechanism. C. E. Harrison. 2,156,627; May 2.
Material for cleaning and preparing metal or paint. H. R. Neilson. 2,166,476; July 18.
Material for color photography, Photographic. W. Dieterle. 2,148,980; Feb. 28.
Material for conserving moisture in soil. R. M. White. 2,163,860; June 27.
Material for fusion welding, Austenitic addition. F. Rapatz. 2,156,306; May 2.
Material for gas masks, Absorbent. R. W. Schmidt. 2,148,175; Feb. 21.
Material for manufacturing paper collars and the like. W. Müller and A. Closmann. 2,161,972; June 13.
Material for producing photographic dye images, Light-sensitive. B. Gaspar. 2,183,395; Dec. 12.
Material for purifying liquids, Producing. S. M. Wilson and W. H. Waggaman. 2,170,601; Aug. 22.
Material for use in making paper bags or wrappers, Laminated sheet. T. A. and P. E. Hodgdon. 2,158,755; May 16.
Material, Friction. W. Nanfeldt. 2,155,020; Apr. 18.
Material from waste liquor, Solid. H. S. Colton. 2,165,344; July 11.
Material, Frozen. R. H. Bedford. 2,166,113; July 18.
Material, Fuel resisting. H. Stärk. 2,160,372; May 30.
Material, Fusible. F. E. Sutter. 2,158,870; May 16.
Material, Granulation of nongranular. G. E. Cox and W. G. McBurney. 2,167,432; July 25.
Material, Handling. J. E. Kennedy. 2,147,300; Feb. 14.
Material handling apparatus. G. L. Arms and F. E. McGovern. 2,184,788; Dec. 26.
Material handling apparatus. W. F. Hall. 2,149,289; Mar. 7.
Material handling apparatus. A. Henderson. 2,177,525; Oct. 24.
Material handling apparatus. J. F. Joy. 2,161,547; June 6.
Material handling apparatus. R. C. Kivley. 2,182,966; Dec. 12.
Material handling mechanism. N. D. Levin. 2,168,622; Aug. 8.
Material handling mechanism. E. W. Steele and F. A. Morin. 2,182,857; Dec. 12.
Material handling method. P. V. Whitney. 2,151,253; Mar. 21.
Material, Heat treating flowable. E. Wiegand and O. R. Olson. 2,150,534; Mar. 14.
Material holder. E. M. E. Anderson. 2,146,704; Feb. 14.
Material, Impervious sheet. G. A. Moore. 2,157,212; May 9.
Material in bar forms, such as toffee in wrapping machines, Apparatus for feeding plastic. A. G. Rose. 2,157,676; May 9.
Material, Inorganic luminous. M. Servigne. 2,179,134; Nov. 7.
Material in particular for electrical purposes and shaped bodies made therefrom, Agglomerated. P. Schwarzkopf. 2,179,960; Nov. 14.
Material into constituents of different specific gravity, Method and apparatus for separating. G. A. Vissac. 2,169,544; Aug. 15.
Material in wrapping machines, Supply of. J. Crighton. 2,162,607; June 13.
Material into normally liquid hydrocarbon material, Converting gaseous hydrocarbon. J. R. Rose. 2,163,155; June 20.
Material, Laminated. G. T. Balfe. 2,171,530; Sept. 5.
Material, Laminated structural. R. E. Burk and E. C. Hughes. 2,178,447; Oct. 31.
Material, Luminescent. H. W. Leverenz. 2,143,077; Jan. 10.
Material, Making cellular. C. J. McKinney. 2,158,033; May 9.
Material, Making indented. J. E. Kieffer. 2,177,490; Oct. 24.
Material, Making moistureproof. A. Hershberger. 2,159,152; May 23.
Material, Making sheet. H. Heckel. 2,167,570; July 25.
Material, Manufacture of diazo type. W. M. Hinman. 2,157,206; May 9.
Material, Manufacture of porous building. S. Missoten. 2,163,207; June 20.
Material, Manufacture of stiffening. E. Schweizer. 2,174,170; Sept. 26.
Material, Manufacturing packing and insulating. W. J. Kropp. 2,147,793; Feb. 21.
Material, Mechanism for cutting sheet. B. J. Florian. 2,174,222; Sept. 26.
Material, Method and apparatus for digesting fibrous. A. D. Merrill. 2,152,267; Mar. 28.
Material, Method and apparatus for nodulizing fibrous. D. C. Simpson. 2,145,899; Feb. 7.
Material, Method and apparatus for rolling hot strip. F. Paul. 2,163,699; June 27.
Material, Method and apparatus for screening wet. A. W. Lissauer. 2,155,764; Apr. 25.
Material, Method of and apparatus for handling loose. R. E. Campbell. 2,147,634; Feb. 21.
Material, Method of and apparatus for handling loose. C. W. Miller. 2,147,663; Feb. 21.
Material, Method of and apparatus for reeling strip. M. Morgan. 2,161,076; June 6.
Material, Moistureproof. W. H. Charch. 2,147,628; Feb. 21.
Material, Moistureproofed. F. K. Shankweiler. 2,181,160; Nov. 28.
Material, Molded friction. W. Nanfeldt. 2,175,480; Oct. 10.
Material moving apparatus. J. E. Whitfield. 2,180,379; Nov. 21.
Material of vegetable and mineral origin, Treatment of fibrous. L. Frenkel. 2,155,223; Apr. 18.
Material, Oil, grease, and hydrocarbon resistant. K. R. Brown. 2,164,495; July 4.
Material, Oil, grease, and hydrocarbon resistant. K. R. Brown and E. H. Bucy. 2,164,494; July 4.
Material packaging method and means. A. C. Routh. 2,160,285; May 30.
Material, Preparing a decolorizing. L. Caldwell. 2,163,525; June 20.
Material, Preparing wrapping and building. O. Heye. 2,146,296; Feb. 7.
Material, Preparation of an enzymic. A. Schultz, L. Atkin, and C. N. Frey. 2,159,678; May 23.
Material, Process and apparatus for coiling strip. R. E. Asbury and E. Reed. 2,160,396; May 30.
Material, Process and apparatus for treating sheet. A. Wallach. 2,163,642; June 27.
Material, Process of and apparatus for producing covering. A. B. Walton. 2,157,944; May 9.
Material processing apparatus. G. E. Markley. 2,171,340; Aug. 29.
Material, Producing decorative. E. R. Cohoe. 2,176,019; Oct. 10.
Material, Producing ferrous sheet. A. J. Castle. 2,171,300; Aug. 29.
Material, Reducing. J. E. Kennedy. 2,159,272; May 23.
Material, Refractory. J. D. Sullivan. 2,160,923–4; June 6.
Material, Resilient flame-resistant gasket. A. Oass. 2,165,296; July 11.
Material, Separating particles of solid. R. S. Ellis. 2,180,278; Nov. 14.
Material, Shearing of. J. W. Sheperdson. 2,170,255; Aug. 22.
Material, Sheet. W. F. H. Mattlage. 2,165,286; July 11.
Material, Shirred. C. Seaman. 2,147,463; Feb. 14.
Material spreader. F. E. Currivan and C. W. Brown. 2,179,483; Nov. 14.
Material spreading machine, Road. C. L. George. 2,159,554; May 23.
Material, Stiffening sheet. R. S. Ritchie. 2,173,861; Sept. 26.
Material, such as briquettes, Apparatus for the carbonization of. E. C. Mengel. 2,181,789; Nov. 28.
Material testing machine. R. R. Moore. 2,154,277; Apr. 11.
Material to a sheet or web, Applying. W. F. Grupe. 2,170,140; Aug. 22.
Material to backings or holders, Attaching spongy. S P. Vaughn. 2,150,196; Mar. 14.
Material to can closures, Apparatus for applying uniting. F. L. Darling. 2,175,745; Oct. 10.
Material, Transferring bulk. F. C. Menk. 2,173,177; Sept. 19.
Material, Treating. H. Mason. 2,164,879; July 4.
Material treating and handling apparatus. J. D. Ferry. 2,163,977; June 27.
Material treating and handling apparatus. J. D. Ferry. 2,179,035; Nov. 7.
Material, Treating and packing powdered. C. Roesch. 2,149,790; Mar. 7.
Material treating apparatus. C. P. Bridges. 2,152,238; Mar. 28.
Material treating apparatus. A. J. N. Duclos. 2,171,232; Aug. 29.
Material-treating machine. S. H. Pellar. 2,149,927; Mar. 7.
Material, Treating pectin-containing raw. P. B. Myers. 2,165,902; July 11.
Material, Treating pulverulent. N. Ahlmann. 2,152,167; Mar. 28.
Material treatment. I. E. Mukat and G. H. Cady. 2,178,696; Nov. 7.
Material, Treatment of sheet. F. K. Bezzenberger. 2,158,560; May 16.
Material, Waterproofing and cementing. A. L. Eaton and C. W. Cazel. 2,148,113; Feb. 21.
Material, Wettable. W. Eustis and A. W. Vint. 2,168,286; Aug. 1.
Material with fluid, Apparatus for and method of treating pervious. H. C. Nichols. 2,174,178; Sept. 26.
Material working apparatus. E. M. Bidwell. 2,169,036; Aug. 8.
Material working apparatus. E. J. Svenson. 2,178,364; Oct. 31.
Materials, Acetylating cellulose acetate, Textile. H. Dreyfus. 2,159,012; May 23.
Materials and applying blended materials to cereals, Method of blending. H. H. Schmidt. 2,160,914; June 6.

Materials and preparing same, Textile. W. Whitehead. 2,150,570–1; Mar. 14.
Materials and product thereof, Treatment of porous. H. F. Rippey and T. W. Dike. 2,150,188; Mar. 14.
Materials and resulting products, Treating porous. C. Luckhaupt. 2,173,882; Sept. 26.
Materials and shaped bodies thereof, Manufacturing composite. P. Schwarzkopf. 2,148,040; Feb. 21.
Materials and shaped structures therefrom, Manufacture of new cellulosic. L. Lilienfeld. 2,176,085; Oct. 17.
Materials and their preparation, Textile. W. Whitehead. 2,150,569; Mar. 14.
Materials, Apparatus for feeding. H. W. Landenberger. 2,178,396; Oct. 31.
Materials, Apparatus and method for the separation of dry. D. C. Morgan, Jr., and T. H. Morgan. 2,155,235; Apr. 18.
Materials, Apparatus for coating metallic. J. L. Herman. 2,166,249; July 18.
Materials, Apparatus for coating metallic. J. L. Herman. 2,166,251; July 18.
Materials, Apparatus for conveying particulate. J. H. Jeffery and C. B. Matt. 2,157,339; May 9.
Materials, Apparatus for making fibrous. G. Slayter and J. H. Thomas. 2,156,316; May 2.
Materials, Apparatus for simultaneously separating and cooling fine pulverulent. E. Schwarze. 2,145,559; Jan. 31.
Materials, Apparatus for the combustion of waste. G. Frenger. 2,173,013; Sept. 12.
Materials, Apparatus for the manufacture of artificial. R. W. Moncrieff and F. B. Hill. 2,142,910; Jan. 3.
Materials, Apparatus for treating. W. P. Cohoe. 2,170,678; Aug. 22.
Materials, Apparatus for treating moldable. R. E. Thompson. 2,179,968; Nov. 14.
Materials, Arrangement for testing the inner work absorbed by. G. Keinath. 2,150,377; Mar. 14.
Materials, Art of drying. C. S. Jennings and F. W. Gerard. 2,150,445; Mar. 14.
Materials, Bleaching of cellulosic. M. C. Taylor and J. F. White. 2,145,062; Jan. 24.
Materials, Chlorination of titanium bearing. I. E. Muskat and R. H. Taylor. 2,184,887; Dec. 26.
Materials, Coating metallic. J. L. Herman. 2,166,250; July 18.
Materials, Coloration of textile. G. H. Ellis and C. F. Topham. 2,178,744; Nov. 7.
Materials, Coloration of textile. G. W. Seymour. 2,148,655; Feb. 28.
Materials, Concentrating. B. D. Thomas. 2,156,168; Apr. 25.
Materials containing oils, Preservation of organic. S. Musher. 2,176,022; Oct. 10.
Materials containing sulphur, Treating. C. R. Hayward. 2,146,294; Feb. 7.
Materials containing tantalum and niobium, Treatment of. J. P. Leemans. 2,183,517; Dec. 12.
Materials containing tantalum and/or niobium, Treatment of. J. P. Leemans. 2,150,555; Mar. 14.
Materials, Decoration of textile. F. D. Cheney and J. Learned. 2,160,827; June 6.
Materials, Desiccating. H. I. Andrews. 2,143,256; Jan. 10.
Materials, Determining directional orientation of. R. Wright. 2,147,942; Feb. 21.
Materials, Dielectric. L. C. Holt and H. W. Daudt. 2,174,512; Oct. 3.
Materials, Disintegration, dispersion, stabilization, and collection of solid. L. M. McBride. 2,165,287; July 11.
Materials, Distillation of polymerizable. C. T. Kautter. 2,171,795; Sept. 5.
Materials, Diurethane-diamine polymeric. E. L. Martin. 2,181,663; Nov. 28.
Materials, Drying and incineration of moist. G. E. Connolly. 2,147,151; Feb. 14.
Materials, Dyeing and finishing textile. L. A. Lantz and W. S. Miller. 2,163,204; June 20.
Materials, Feeding thermoplastic. J. S. Kimble and E. C. Blackard. 2,177,658; Oct. 31.
Materials, Fluorescent. G. R. Fonda. 2,184,274; Dec. 26.
Materials for and method of treating metallic articles. A. E. Chester. 2,145,827; Jan. 31.
Materials for color photographic purposes, Production of light-sensitive. B. Gáspár. 2,172,308; Sept. 5.
Materials for removal of certain halide ions from water, Producing. O. M. Urbain and W. R. Stemen. 2,157,507; May 9.
Materials from a stream of liquid of varying quantity, Separating of heavy. M. Prüss and H. Blunk. 2,165,152; July 4.
Materials from animal tissues, Extracting physiologically active. H. L. Keil. 2,157,133; May 9.
Materials from cellulose materials, Dyeing artificial textile. P. Schlack. 2,156,069; Apr. 25.
Materials, Gluing porous. T. W. Dike and H. Galber. 2,178,566; Nov. 7.
Materials, Handling of sensitive. F. R. Seavey and E. B. W. Kerone. 2,146,033; Feb. 7.
Materials having an organic basis, Manufacture of. J. H. Rooney and P. R. Hawtin. 2,167,909; Aug. 1.
Materials, Impregnation of porous. E. F. Kiefer. 2,174,887; Oct. 3.
Materials, Insulating and weather resistant. G. Slayter. 2,175,226; Oct. 10.
Materials into cylinders of predetermined length and diameter, Method and apparatus for forming plastic. A. H. Haupt. 2,154,446; Apr. 18.
Materials, Making decorative. S. T. Kantor. 2,153,374; Apr. 4.
Materials, Making pyroxylin coated. R. B. Mitchell. 2,165,291; July 11.
Materials, Making surface alloyed. H. S. Cooper. 2,145,234; Jan. 31.
Materials, Making textile. C. Dreyfus and W. Whitehead. 2,160,839; June 6.
Materials, Manufacture and treatment of textile. G. H. Ellis and A. J. Wesson. 2,152,182; Mar. 28.
Materials, Manufacture of absorptive. K. Jaeger. 2,161,710; June 6.
Materials, Manufacture of artificial. H. Dreyfus. 2,142,718; Jan. 3.
Materials, Manufacture of artificial. H. Dreyfus. 2,159,014–16; May 23.
Materials, Manufacture of artificial. H. Dreyfus, R. W. Moncrieff, and F. B. Hill. 2,142,720; Jan. 3.
Materials, Manufacture of artificial. H. Dreyfus and R. W. Moncrieff. 2,178,743; Nov. 7.
Materials, Manufacture of artificial. R. W. Moncrieff and F. B. Hill. 2,142,911; Jan. 3.
Materials, Manufacture of artificial. R. W. Moncrieff and F. B. Hill. 2,159,097; May 23.
Materials, Manufacture of cellulose derivative. H. Dreyfus. 2,155,411; Apr. 25.
Materials, Manufacture of cellulose derivative. H. Dreyfus, R. W. Moncrieff, and F. B. Hill. 2,142,717; Jan. 3.
Materials, Manufacture of cellulose derivative. H. Dreyfus, R. W. Moncrieff, and F. B. Hill. 2,142,722; Jan. 3.
Materials, Manufacture of tanning. H. Noerr and G. Mauthe. 2,144,297; Jan. 17.
Materials, Manufacture of textile and other. H. Dreyfus, R. W. Moncrieff, and F. B. Hill. 2,142,719; Jan. 3.
Materials, Marking lump. J. A. Cormack. 2,169,226; Aug. 15.
Materials, Measurement of broken granular or powdered. J. W. Horner. 2,147,344; Feb. 14.
Materials, Mechanism for extruding plastic. H. R. Bassett and E. B. Edwards. 2,144,213; Jan. 17.
Materials, Mechanism for operating on sheet. C. M. Yoder. 2,176,115; Oct. 17.
Materials, Method and apparatus for dispersing. A. G. Galloway. 2,172,001; Sept. 5.
Materials, Method and apparatus for feeding and distributing sludgy. T. Brady. 2,156,901; May 2.
Materials, Method and apparatus for heating dielectric. J. G. Chaffee. 2,147,689; Feb. 21.
Materials, Method and apparatus for magnetically testing. W. E. Shenk. 2,176,279; Oct. 17.
Materials, Method and apparatus for packaging fluid and semifluid. J. R. Gammeter. 2,142,505; Jan. 3.
Materials, Method and apparatus for separating. B. O'Brien. 2,168,681; Aug. 8.
Materials, Method and apparatus for separating. C. E. Pool. 2,178,456; Oct. 31.
Materials, Method and apparatus for separating. W. I. Sallee. 2,156,483; May 2.
Materials, Method and composition for stripping fibrous. H. B. Channon. 2,153,791; Apr. 11.
Materials, Method and mechanism for separating intermixed divided. R. Peale. 2,150,103; Mar. 7.
Materials, Method of and apparatus for molding. B. A. Jeffery. 2,152,738; Apr. 4.
Materials, Method of and apparatus for packaging. S. F. Anderson. 2,152,339; Mar. 28.
Materials, Method of and apparatus for separating. F. R. Johnson. 2,154,682; Apr. 18.
Materials, Method of and apparatus for transporting and handling. E. T. L. Ladd. 2,143,273; Jan. 10.
Materials, Molding of thermoplastic. H. Gastrow. 2,174,319; Sept. 26.
Materials of vegetable origin, Carbonization of organic cellulosic. T. Reichert. 2,160,341; May 30.
Materials, Organic. H. Dreyfus. 2,170,190; Aug. 22.
Materials, Pelleting of. C. W. McMath and L. C. Roots, Jr. 2,168,532; Aug. 8.
Materials, Preservation of fermentable. T. S. Carswell. 2,157,113; May 9.
Materials, Process and apparatus for dewatering. H. B. Cleveland. 2,149,252; Mar. 7.
Materials, Process and apparatus for the treatment of sugar-bearing. C. A. Olcott. 2,178,805; Nov. 7.
Materials, Process and apparatus for treating textile. J. Schlumpf. 2,163,634; June 27.
Materials, Process and mechanism for dividing intermixed. K. Davis. Re. 21,136; July 4.
Materials, Process and mechanism for separating intermixed divided. R. Peale, Jr. 2,147,822; Feb. 21.
Materials, Producing hard. A. Boecker. 2,171,391; Aug. 29.
Materials, Producing magnetic. G. H. Cole and R. L. Davidson. 2,158,065; May 16.
Materials, Producing shirred. C. Seaman. 2,175,322; Oct. 10.
Materials, Production of artificial. W. A. Dickie and P. F. C. Sowter. 2,147,640; Feb. 21.

Materials, Production of artificial. W. A. Dickie and P. F. C. Sowter. 2,179,544; Nov. 14.
Materials, Production of pile-surfaced. H. A. Wintermute. 2,173,032; Sept. 12.
Materials, Production of porous building. H. Wolf, H. Leuchs, and H. Saenger. 2,172,076; Sept. 5.
Materials, Quantitative separation of. L. Hoyois. 2,184,594; Dec. 26.
Materials, Refractory. H. Kerla. 2,160,873; June 6.
Materials rich in sulphur, Roasting. N. S. Borch. 2,157,254; May 9.
Materials, Separating fragmentary. V. Rakowsky, R. W. Arms, and C. B. Hebbard. 2,176,189; Oct. 17.
Materials, Separation of. F. E. Smith. 2,176,107; Oct. 17.
Materials, Sintering or calcining raw. N. Ahlmann. 2,174,066; Sept. 26.
Materials, Sizing of textile. H. Rein. 2,183,226; Dec. 12.
Materials, Stabilization of organic. S. Musher. 2,176,025; Oct. 10.
Materials, Stabilization of photographic sensitive. J. D. Kendall. 2,173,628; Sept. 19.
Materials, Stabilization of soluble crystalline. R. W. Sullivan. 2,177,269; Oct. 24.
Materials, Stabilized synthetic rubberlike. H. Hagen, I. Dennstedt, and W. Becker. 2,175,082; Oct. 3.
Materials, Synthesis of base exchange. C. B. Young. 2,143,670; Jan. 10.
Materials, Treating soluble. T. P. Campbell and W. B. Jacobsen. 2,175,178; Oct. 10.
Materials, Treating textile. W. Whitehead. 2,159,113; May 23.
Materials, Treatment of artificial. R. W. Moncrieff and F. B. Hill. 2,142,909; Jan. 3.
Materials, Treatment of cellulose derivative. R. W. Moncrieff and F. B. Hill. 2,142,912; Jan. 3.
Materials, Treatment of organic. H. Dreyfus, R. W. Moncrieff, and F. B. Hill. 2,162,881; June 20.
Materials, Treatment of textile. H. Corteen, R. P. Foulds, and F. C. Wood. 2,158,494; May 16.
Materials, Treatment of textile. H. Dreyfus, D. Finlayson, and R. G. Perry. 2,175,183; Oct. 10.
Materials, Treatment of textile. D. Finlayson and R. G. Perry. 2,161,808; June 13.
Materials, Treatment of textile. G. W. Seymour. 2,182,323; Dec. 5.
Materials, Treatment of textile. J. H. Shipp. 2,160,176; May 30.
Materials, Treatment of textile. J. R. Whinfield. 2,142,623; Jan. 3.
Materials, Treatment of textile and other. J. G. McNally and J. B. Dickey. 2,176,506; Oct. 17.
Materials used in metallurgical processes, Flotation of. B. D. Crawford. 2,183,500; Dec. 12.
Materials, Waterproofing hygroscopic. W. E. Lawson. 2,155,499; Apr. 25.
Materials with flowing liquids, Apparatus and method for treating granular. F. Jeremiassen. 2,164,111; June 27.
Materials with vat dyestuffs, Dyeing fibrous. C. W. Zahn. 2,174,372; Sept. 26.
Maternity support. H. J. Lunney. 2,166,312; July 18.
Matrix composing and line casting machine. P. Sckrabel. 2,142,337; Jan. 3.
Matrix forming and bearer for the same. C. E. Boutwell. 2,156,836; May 2.
Matrix holder for typographical machines. R. E. Hutchinson. 2,175,153; Oct. 3.
Matrix making machine with pressure indicator. W. F. Huck. 2,166,153; July 18.
Matrix molding machine. H. N. Durham. 2,157,327; May 9.
Matrix, mud balls, etc., Disintegration of. J. T. Bullwinkel. 2,164,052; June 27.
Matrix retainer. H. Dagavarian. 2,152,877; Apr. 4.
Matrix rolling machine. H. C. Behrens. 2,150,711; Mar. 14.
Matrix storage system for type making machines. G. C. Coleman and H. Foster. 2,154,728; Apr. 18.
Matrix transfer. D. Diamond. 2,159,075; May 23.
Matter, Composition of. W. D. Crater. 2,179,323; Nov. 7.
Matting process. A. Landolt, G. Widmer, and H. Benz. 2,143,326; Jan. 10.
Mattress. V. C. Drake. 2,146,059; Feb. 7.
Mattress. I. Magaril. 2,154,910; Apr. 18.
Mattress. M. Marsack. 2,168,037; Aug. 1.
Mattress. S. Marsack. 2,156,343; May 2.
Mattress. E. S. Munson, S. L. Patlak, and J. P. Riley. 2,147,348; Feb. 14.
Mattress,. A. G. Rex. 2,172,409; Sept. 12.
Mattress and manufacture. M. Bechik. 2,152,237; Mar. 28.
Mattress border forming device. M. Marsack. 2,156,059; Apr. 25.
Mattress cover. L. Cohen, Jr. 2,179,175; Nov. 7.
Mattress, Heated. G. C. Kidwell. 2,162,021; June 13.
Mattress holder. E. L. Maguire and E. S. Tracy, Jr 2,147,538; Feb. 14.
Mattress tufting device. E. L. McRoskey. 2,176,141; Oct. 17.
Mattress tufting machine. J. W. Droll and A. H. Olson. 2,163,780; June 27.
Maximum demand indicator. F. X. Lamb. 2,171,183; Aug. 29.
Maximum-demand meter. A. L. Emens. 2,160,415; May 30.
Measurement means, High voltage. E. Hubel. 2,157,823; May 9.
Measurement of frustoconical parts. C. A. Rich and C. Palmer. 2,164,942; July 4.
Measuring and computing device. P. Sordoillet. 2,177,814; Oct. 31.
Measuring and control apparatus. T. R. Harrison. 2,172,064; Sept. 5.
Measuring and control apparatus. C. B. Moore. 2,159,877; May 23.
Measuring and control method and apparatus. H. F. Parker and J. G. Aceves. 2,150,006; Mar. 7.
Measuring and controlling apparatus. J. F. Luhrs. 2,165,182; July 4.
Measuring and distributing machine. F. G. Leavenworth. 2,156,917; May 2.
Measuring and indicating device. E. D. Van Dersal. 2,173,188; Sept. 19.
Measuring and indicating or automatically recording small distances, Method of and apparatus for. J. Sivertsen. 2,176,016; Oct. 10.
Measuring and pressing machine. C. A. Olsen. 2,148,912; Feb. 28.
Measuring and recording device for deep well pumps. J. G. Baker. 2,151,728; Mar. 28.
Measuring and recording instrument. W. S. Macdonald. 2,184,620; Dec. 26.
Measuring and troweling machine. O. R. Scheurer. 2,156,873; May 2.
Measuring and troweling machine, Automatic. O. R. Scheurer. 2,175,785; Oct. 10.
Measuring apparatus. D. L. Arenberg and P. M. Roope. 2,149,756; Mar. 7.
Measuring apparatus. R. C. Mason. 2,163,402; June 20.
Measuring apparatus. C. B. Moore. 2,168,038; Aug. 1.
Measuring apparatus. C. Paulson. 2,150,398; Mar. 14.
Measuring apparatus. O. S. Peters. 2,173,493; Sept. 19.
Measuring apparatus. R. P. Price. 2,146,442; Feb. 7.
Measuring apparatus. G. G. H. Rydberg. 2,151,941; Mar. 28.
Measuring apparatus. S. W. Seeley. 2,173,184; Sept. 19.
Measuring apparatus, Photoelectric. A. H. Wolferz. 2,145,147; Jan. 24.
Measuring arrangement for potential transformers. H. Poleck. 2,178,645; Nov. 7.
Measuring circuit. H. E. Vaughan. 2,155,696; Apr. 25.
Measuring device. H. M. Jones. 2,180,057; Nov. 14.
Measuring device. W. R. Koch. 2,147,446; Feb. 14.
Measuring device. H. P. Luhn. 2,142,401; Jan. 3.
Measuring device. H. F. McGowan. 2,176,222; Oct. 17.
Measuring device. C. A. Menzel. 2,171,666; Sept. 5.
Measuring device. I. F. Sprunger. 2,150,082; Mar. 7.
Measuring device. E. T. Wahlbom. 2,175,234; Oct. 10.
Measuring device. W. Wogeck. 2,178,293; Oct. 31.
Measuring device. E. Zachariä. 2,142,741; Jan. 3.
Measuring dispenser. E. J. Reisdorf. 2,154,283; Apr. 11.
Measuring electric energy, Apparatus for. D. Sciaky. 2,167,553; July 25.
Measuring errors of aiming and firing in practice firing against moving targets, Apparatus for. F. E. Fischer. 2,162,707; June 20.
Measuring, indicating, and recording instrument. T. R. Harrison, E. H. Grauel, and J. E. Kessler. 2,150,502; Mar. 14.
Measuring instrument. W. F. Aller. 2,177,399; Oct. 24.
Measuring instrument. J. R. Barnhart. 2,183,180; Dec. 12.
Measuring instrument. J. I. Cierpial. 2,163,023; June 20.
Measuring instrument. J. R. Desch. 2,177,133; Oct. 24.
Measuring instrument. G. W. Grisdale. 2,160,266; May 30.
Measuring instrument. O. T. Handwerk. 2,173,436; Sept. 19.
Measuring instrument. H. A. Henze. 2,180,588; Nov. 21.
Measuring instrument. C. R. Jenkins. 2,154,621; Apr. 18.
Measuring instrument. W. R. Koch. 2,173,231; Sept. 19.
Measuring instrument. W. Lange. 2,172,166; Sept. 5.
Measuring instrument. F. H. Markwick. 2,159,335; May 23.
Measuring instrument. C. B. Moore and A. C. Jauss. 2,184,430; Dec. 26.
Measuring instrument. C. B. Moore and W. G. Trumbower. 2,184,429; Dec. 26.
Measuring instrument. A. Serdock. 2,151,305; Mar. 21.
Measuring instrument. C. Stansbury and A. Simon. 2,149,558; Mar. 7.
Measuring instrument. L. K. Swart. 2,153,777; Apr. 11.
Measuring instrument. G. D. Webber. 2,158,555; May 16.
Measuring instrument. E. J. Yarter. 2,155,352; Apr. 18.
Measuring instrument, Electrical. F. X. Lamb. 2,150,836; Mar. 14.
Measuring instrument, Electrical. E. Reich. 2,170,597; Aug. 22.

Measuring instrument, Hand. B. O. Baird, K. H. Bowen, and A. C. Davis, Jr. 2,176,288; Oct. 17.
Measuring line equipment. D. Scaramucci. 2,155,620; Apr. 25.
Measuring means. D. M. Myers. 2,152,768; Apr. 4.
Measuring mechanism. L. L. Smalley. 2,177,501; Oct. 24.
Measuring, Method of and machine for. E. C. Whitney and J. L. Jones. 2,184,158; Dec. 19.
Measuring, recording, and control system, Electrical. V. E. Rosene. 2,165,510; July 11.
Measuring system. M. Fox. 2,149,958; Mar. 7.
Measuring system. J. B. Sherman. 2,175,001; Oct. 3.
Measuring valve, Self-closing. J. Fraser. 2,181,581; Nov. 28.
Measurement and control of the flow of viscous fluids. H. G. Geissinger. 2,181,322; Nov. 28.
Meat and fishery products, Stabilization of. S. Musher. 2,176,028; Oct. 10.
Meat and the product thereof, Process for the treatment of. R. F. James. 2,169,081; Aug. 8.
Meat, Apparatus for treating. G. A. Hormel. 2,174,746; Oct. 3.
Meat carrier for meat cooking devices. K. E. Bemis. 2,168,390; Aug. 8.
Meat, Curing. M. Moskowitz and H. Meisel. 2,176,144; Oct. 17.
Meat curing. W. M. Urbain. 2,180,750; Nov. 21.
Meat cutter. J. A. Arvanitis. 2,170,512; Aug. 22.
Meat cutting machine. A. C. Van Hooydonk. 2,157,780; May 9.
Meat feeding machine. A. J. Meyer. 2,175,275; Oct. 10.
Meat marking. A. S. Hartanov. 2,182,203; Dec. 5.
Meat, Method for pickling. A. Nietiedt. 2,180,165; Nov. 14.
Meat mold. J. Kipper. 2,158,702; May 16.
Meat preparing instrument. C. L. Hagan. 2,182,379; Dec. 5.
Meat, Preserving crab. S. G. Harris. 2,155,308; Apr. 18.
Meat-roasting machine, Rotary. T. Berbeles. 2,160,953; June 6.
Meat sawing machine. V. G. Biro. 2,169,517; Aug. 15.
Meat-scoring machine. J. A. Voris. 2,159,730; May 23.
Meat-slitting machine. J. P. Spang. 2,149,407; Mar. 7.
Meat-slitting machine. J. P. Spang. 2,149,638; Mar. 7.
Meat-slitting machine. J. P. Spang. 2,162,409; June 13.
Meat-slitting machine. J. P. Spang. 2,171,900; Sept. 5.
Meat-slitting machine. J. P. Spang. 2,176,751; Oct. 17.
Meat-slitting machine. J. P. Spang. 2,179,025; Nov. 7.
Meat stuffer. G. R. Napier. 2,157,494; May 9.
Meat tenderer. H. S. Elliott. 2,184,450; Dec. 26.
Meat tenderer. N. Ethier. 2,168,120; Aug. 1.
Meat tenderer. R. Sybenga. 2,158,766; May 16.
Meat-tendering machine. L. C. Huse. 2,163,123; June 20.
Meat treatment. K. C. Eikel. 2,182,891; Dec. 12.
Meat wrapping method. B. E. Williams and L. L. Cadwell. 2,182,190; Dec. 5.
Meats, Curing. H. E. Allen. 2,173,992; Sept. 26.
Meats, Method and compound for treating. H. E. Allen. 2,162,047; June 13.
Mechanical brake, Hydraulically equalized. B. McInnerney. 2,142,364; Jan. 3.
Mechanical coupling. F. C. Blancha. 2,147,141; Feb. 14.
Mechanical foam generator. C. M. Hamblin. 2,183,561; Dec. 19.
Mechanical mixer. P. Gentilli. 2,172,704; Sept. 12.
Mechanical motion. W. A. Shanley. 2,169,663; Aug. 15.
Mechanical movement. G. E. Barnhart. 2,144,447; Jan. 17.
Mechanical movement. P. D. Campbell. 2,156,372; May 2.
Mechanical movement. H. Chrisman. 2,162,375; June 13.
Mechanical movement. A. Cory. 2,142,813; Jan. 3.
Mechanical movement. C. L. Hawes. 2,181,234; Nov. 28.
Mechanical movement. F. A. Howard. 2,184,839; Dec. 26.
Mechanical movement. E. E. Lindsey. 2,182,522; Dec. 5.
Mechanical movement. G. H. McMullen. 2,154,763; Apr. 18.
Mechanical movement. J. S. Sharpe. 2,170,733; Aug. 22.
Mechanical movement. M. H. P. Sologaistoa. 2,166,975; July 25.
Mechanical movement. G. E. Taylor and F. A. Smith. 2,149,321; Mar. 7.
Mechanical movement. W. J. Wallace, Jr. 2,178,443; Oct. 31.
Mechanical movement. C. Waasdorp. 2,181,220; Nov. 28.
Mechanical movement and crop harvester. W. E. Urschel. 2,152,674; Apr. 4.
Mechanical relay apparatus. I. M. Stein. 2,167,010; July 25.
Mechanical valve. H. J. Anderson. 2,142,970; Jan. 3.
Mechanism and method for cutting blanks for neckties. M. M. Newman. 2,183,722; Dec. 19.
Mechanism assembly, Reversing. G. H. Amonsen. 2,177,631; Oct. 31.
Mechanism control. H. J. Edwards. 2,154,929; Apr. 18.
Mechanism control. C. S. McCarthy and A. A. Warner. 2,173,322; Sept. 19.
Mechanism control. S. A. Snell. 2,162,593; June 13.
Mechanism control. S. A. Snell. 2,169,888; Aug. 15.
Mechanism for absorbing torsional oscillations of shafts. K. Schwaiger. 2,152,710; Apr. 4.
Mechanism for accurately mixing dry ingredients. J. A. Owens. 2,164,542; July 4.
Mechanism for cash registers and like machines, Repeat. H. Neureiter. 2,167,771; Aug. 1.
Mechanism for charging refuse-burning furnaces. F. C. Holbrook and J. C. Zengerle. 2,167,653; Aug. 1.
Mechanism for converting rotary motion into reciprocating motion. F. C. Boxall. 2,178,247; Oct. 31.
Mechanism for edge staining leather and like. S. E. Rosenberg. 2,170,218; Aug. 22.
Mechanism for feeding sheet material and the like. F. Klingler. 2,170,289; Aug. 22.
Mechanism for imparting false twist to textile rovings. F. Casablancas. 2,151,263; Mar. 21.
Mechanism for manufacturing cylindrical container out of fibrous material suspended in a liquid. G. Held. 2,167,753; Aug. 1.
Mechanism for molding material. E. N. Meakin. 2,171,039; Aug. 29.
Mechanism for reversing material. E. F. Horn. 2,156,339; May 2.
Mechanism for stopping electrically driven looms. W. Lohsse. 2,148,700; Feb. 28.
Mechanism for synchronizing tandem machines. W. Pecay. 2,167,676; Aug. 1.
Mechanism for the advancement of the carriage of typewriters and the like. R. L. R. R. Geirnaert. 2,178,037; Oct. 31.
Mechanism for water and aircraft, Steering. H. C. Briggs. 2,154,321; Apr. 11.
Mechanism generally known as Bowden mechanism. R. Tondeur. 2,180,442; Nov. 21.
Mechanism, Supporting. I. M. Coppock. 2,154,323; Apr. 11.
Mechano-vibratory apparatus. W. T. Shaler. 2,178,813; Nov. 7.
Media, Method and apparatus for cooling. R. W. Waterfill. 2,175,162; Oct. 3.
Media, Preserving and disinfecting. H. Hahl, L. Taub, and F. Leuchs. 2,152,047; Mar. 28.
Medical and surgical apparatus. A. F. Burton. 2,183,318; Dec. 12.
Medicament introducer. L. Lorenian. 2,178,840; Nov. 7.
Medicinal agent. G. A. Alles. 2,181,845; Nov. 28.
Medicinal carrying tube. R. W. Mendelson. 2,142,278; Jan. 3.
Medicinal compound and preparing same. G. D. Turnbow. 2,175,980; Oct. 10.
Medicinal container. P. G. Heineman. 2,153,981; Apr. 11.
Melting furnace. P. Marx. 2,161,181; June 6.
Medicinal preparation. O. A. Strauss. 2,168,657; Aug. 8.
Medicinal preparation and making the same. B. P. Welin. 2,146,867; Feb. 14.
Medicinal preparation, Shaped. M. Bockmühl, L. Middendorf, and W. Starck. 2,149,005; Feb. 28.
Medicinal supplement and method of making. H. Brinton. 2,179,917; Nov. 14.
Medicine feeding device. J. Dorozinski. 2,184,857; Dec. 26.
Melamine, Manufacture of. W. Fisch. 2,164,705; July 4.
Melamine, Preparing. D. W. Jayne, Jr. 2,180,295; Nov. 14.
Melting apparatus. A. J. Grindle. 2,184,297; Dec. 26.
Melting furnace. E. M. Zier. 2,178,059; Oct. 31.
Member and escutcheon frame, Combination integral transparent. K. E. B. Stenberg. 2,160,762; May 30.
Membrane, Perforated. J. S. Parkinson. 2,159,488; May 23.
"Memo" stand. M. E. Duncan. 2,166,131; July 18.
Memorandum appliance. H. J. W. Raphael. 2,145,780; Jan. 31.
Memorandum device. C. J. Bozung. 2,152,866; Apr. 4.
Memorandum device. R. A. Stevenson. 2,149,408; Mar. 7.
Menstrual appliances. S. J. Wilkerson. 2,155,285; Apr. 18.
Menthane, Derivatives of. J. L. Richmond. 2,174,505; Sept. 26.
Menu holder. J. Olsen. 2,177,187; Oct. 24.
Mercaptan containing material, Treatment of. H. E. Bode. 2,160,116; May 30.
Mercaptans contained in a hydrocarbon distillate, Separating. D. L. Yabroff. 2,152,166; Mar. 28.
Mercaptans contained in a hydrocarbon liquid, Separating. D. L. Yabroff and E. R. White. 2,152,722; Apr. 4.
Mercaptans contained in a hydrocarbon liquid, Separating. D. L. Yabroff and E. R. White. 2,156,577; May 2.
Mercaptans contained in a hydrocarbon liquid, Separating. D. L. Yabroff and E. R. White. 2,164,851; July 4.
Mercaptans from hydrocarbon distillates, Removal of. D. L. Yabroff. 2,152,721; Apr. 4.
Mercaptans from mercaptide solutions, Removal of. D. L. Yabroff and E. R. White. 2,152,724; Apr. 4.
Mercaptans from mercaptide solutions, Removal of. D. L. Yabroff and E. R. White. 2,168,851; Aug. 8.
Mercapto-aryl-thiazoles, Manufacture of. W. E. Messer. 2,176,593; Oct. 17.
Mercaptothiazole derivatives. L. B. Sebrell. 2,150,463; Mar. 14.

Mercaptothiazoles, Manufacture of. J. R. Gage. 2,161,741; June 6.
Mercaptothiazolines, Manufacture of. R. A. Mathes. 2,170,059; Aug. 22.
Mercerization assistant. H. A. Bruson and C. W. MacMullen. 2,176,833; Oct. 17.
Merchandise dispensing device. B. T. Hibshman. 2,163,280; June 20.
Merchandise display, Flexed-back. N. Snelling. 2,159,679; May 23.
Merchandise holder. W. E. Mack. 2,144,073; Jan. 17.
Merchandise, Loading and transporting. R. V. Sanford. 2,159,622; May 23.
Merchandising device, Automaton. F. L. Dale. 2,180,951; Nov. 21.
Mercuri mercapto compounds and water soluble salts thereof, Stable heteroatomic. R. J. Fosbinder and L. A. Walter. 2,176,457; Oct. 17.
Mercury arc discharge device. O. Krines. 2,148,300; Feb. 21.
Mercury arc rectifier. C. W. Hansell. 2,179,929; Nov. 14.
Mercury boiler. L. R. Biggs. 2,184,333; Dec. 26.
Mercury boiler. W. L. R. Emmet. 2,158,856; May 16.
Mercury cathode discharge tube. T. Jurriaanse. 2,183,102; Dec. 12.
Mercury cathode discharge tube. H. Lems. 2,155,138; Apr. 18.
Mercury cathode discharge tube. H. Lems and C. B. Los. 2,162,850; June 20.
Mercury-cathode rectifier. J. G. W. Mulder. 2,173,023; Sept. 12.
Mercury compound and producing the same, Organic. K. Görnitz, W. Harnack, and O. Wurm. 2,178,099; Oct. 31.
Mercury compound, Organic. C. N. Andersen. 2,162,211; June 13.
Mercury compounds and making the same, Organic. K. Görnitz, W. Harnack, and O. Wurm. 2,145,595; Jan. 31.
Mercury compounds, Preparing organic. C. N. Andersen. 2,155,922; Apr. 25.
Mercury nitrate, Producing crystalline basic phenyl. J. Kathol. 2,173,845; Sept. 26.
Mercury parasiticide and making same. A. C. Sessions. 2,143,282; Jan. 10.
Mercury pool damping means. E. G. Bangratz. 2,172,185; Sept. 5.
Mercury rectifier. C. W. Hansell. 2,163,785; June 27.
Mercury salts of acetylamino substituted acids, Aromatic. C. N. Andersen. 2,167,966; Aug. 1.
Mercury salts of organic acids, Preparing aromatic. C. N. Andersen. 2,177,049; Oct. 24.
Mercury switch. A. Cianchi. 2,156,971; May 2.
Mercury switch. H. A. Dudgeon. 2,150,674; Mar. 14.
Mercury switch. C. E. Gehrand and C. H. Larson. 2,143,002; Jan. 10.
Mercury switch. H. Kerschbaum. 2,150,379; Mar. 14.
Mercury switch. C. H. Larson. 2,151,923; Mar. 28.
Mercury switch. C. H. Larson. 2,155,428; Apr. 25.
Mercury switch. A. C. Lindström. 2,183,198; Dec. 12.
Mercury switch. W. Murad. 2,142,326; Jan. 3.
Mercury switch flow interlock. G. L. Usselman. 2,148,395; Feb. 21.
Mercury tube switch. J. H. Staley. 2,155,024; Apr. 18.
Merocyanines and the preparation thereof. L. G. S. Brooker and R. H. Van Dyke. 2,161,331; June 6.
Message ejecting mechanism for telegraph printers. H. H. Haglund and L. R. Foster. 2,160,139; May 30.
Message holder. C. O. Glenn and S. F. Cummings. 2,174,126; Sept. 26.
Message reception apparatus. J. E. Dickert. 2,171,625; Sept. 5.
Message transmitting projecting system. A. D. Eitzen. 2,148,450; Feb. 28.
Message transmitting system. A. D. Eitzen. 2,170,132; Aug. 22.
Messages, Forming and decoding secret. J. B. Walker. 2,151,452; Mar. 21.
Messages, Forming, transmitting, and decoding secret. J. B. Walker. 2,151,453; Mar. 21.
Meta-halo-p-ethoxy-acetoacet anilides and manufacturing the same. F. Zwilgmeyer. 2,175,371; Oct. 10.
Metal alkyls, Making. F. W. Sullivan, Jr. 2,148,138; Feb. 21.
Metal alloy. V. T. Malcolm. 2,166,844; July 18.
Metal alloy, Hard. W. Dawihl and K. Schröter. 2,162,574; June 13.
Metal alloy, Producing a hard. P. Schwarzkopf. 2,170,433; Aug. 22.
Metal alloy, Wear-resistant. F. H. Willey. 2,147,329; Feb. 14.
Metal-alloying and heat-treating means and methods. R. E. Kinkead. 2,175,607; Oct. 10.
Metal amine salts, Producing complex. F. C. Bersworth. 2,173,823; Sept. 26.
Metal and a ceramic article, Spinning together a. G. J. Meyers, Jr. 2,180,992; Nov. 21.
Metal and making the same, Clad. T. B. Chace. 2,174,733; Oct. 3.
Metal and manufacture, Sheet. N. P. Goss. 2,165,368; July 11.
Metal and metalloid-containing complex compounds, Process and product relating to organic. A. J. van Peski and J. A. van Melsen. 2,150,349; Mar. 14.
Metal and producing the same, Sheet. R. R. Tanner. 2,144,643; Jan. 24.
Metal and sheet metal articles readily severable, Rendering sheet. 2,159,325; May 23.
Metal and the like, Cleaning sheet. W. H. Broadfield. 2,158,063; May 16.
Metal, Apparatus for casting. F. W. and V. Harbord. 2,166,006; July 11.
Metal, Apparatus for coating. B. R. Shover. 2,159,297; May 23.
Metal, Apparatus for electrolytically pickling. W. Sykes. 2,146,488; Feb. 7.
Metal, Apparatus for extruding. C. J. Beaver and T. J. Fairfield. 2,181,987; Dec. 5.
Metal, Apparatus for rolling sheet. F. L. O. Wadsworth. 2,160,767; May 30.
Metal, Apparatus for the annealing of. G. W. Vreeland. 2,162,143; June 13.
Metal apparatus, Sheet. T. Wilson. 2,152,165; Mar. 28.
Metal article and making same, Porous. W. F. Bolesky, W. Waleke, and J. A. Lutz. 2,182,741; Dec. 5.
Metal article, Method of and apparatus for hardening a. F. S. Denneen and W. C. Dunn. 2,170,130; Aug. 22.
Metal articles, Making. J. M. Kelly. 2,175,899; Oct. 10.
Metal articles, Making hard. J. H. L. De Bats and J. A. Ritz. 2,167,544; July 25.
Metal articles, Making welded ferrous. G. A. Reinhardt. 2,146,315; Feb. 7.
Metal attenuating process and apparatus. M. E. Evans. 2,152,842; Apr. 4.
Metal bar, Babbitt. A. H. Jung. 2,146,678; Feb. 7.
Metal bending apparatus. H. W. Jespersen. 2,143,416; Jan. 10.
Metal bending machine. S. J. Bruno. 2,155,160; Apr. 18.
Metal bending machine, Sheet. J. H. Nelson, Jr. 2,162,855; June 20.
Metal bodies, Apparatus for heating. C. V. Eskridge. 2,181,937; Dec. 5.
Metal bodies, Making hard. J. Romp. 2,169,007; Aug. 8.
Metal bodies, Method and apparatus for desurfacing ferrous. J. H. Bucknam. 2,157,095; May 9.
Metal body and producing the same, Composite sheet. R. S. Merritt and F. Keller. 2,171,040; Aug. 29.
Metal body, Laminated. E. Brüche. 2,153,363; Apr. 4.
Metal car, Hot. J. D. Pugh. 2,144,637; Jan. 24.
Metal carbides, Making abrasive. R. R. Ridgway. 2,155,682; Apr. 25.
Metal carbides, Production of highly active. T. H. Vaughn. 2,156,365; May 2.
Metal casting. A. W. Morris. 2,179,513; Nov. 14.
Metal charges, Method and apparatus for annealing. J. R. Taylor. 2,169,621; Aug. 15.
Metal, Chromium-bearing. H. H. Giles. 2,175,771; Oct. 10.
Metal-clad switch gear. A. L. Fletcher and B. I. Hayford. 2,151,756; Mar. 28.
Metal, Coating. E. F. Izard. 2,162,618; June 13.
Metal coating process, Hot. M. Schon. 2,156,607; May 2.
Metal composition. A. S. Doty and E. F. Swazy. 2,162,380; June 13.
Metal composition. F. R. Hensel. 2,180,984; Nov. 21.
Metal composition. S. Ruben. 2,158,864; May 16.
Metal composition, Sintered hard. F. C. Kelley. 2,167,516; July 25.
Metal compositions, Refractory. F. R. Hensel and K. L. Emmert. 2,157,935–6; May 9.
Metal compound for vacuum tubes, Active. E. A. Lederer. 2,173,258–9; Sept. 19.
Metal compounds of azo dyestuffs and making same, Complex. F. Straub, P. Pieth, and H. Schneider. 2,171,838; Sept. 5.
Metal compounds of polyazo dyestuffs, Manufacture of complex. F. Straub and W. Hanhart. 2,180,776; Nov. 21.
Metal compounds of sulphydryl keratinic acid and preparing the same, Heavy. E. Sturm and R. Fleischmann. 2,172,717; Sept. 12.
Metal compounds, Reducing. N. D. Scott and J. F. Walker. 2,177,412; Oct. 24.
Metal container. W. G. Plumb. 2,181,340; Nov. 28.
Metal covered door. E. Weisfeld. 2,165,430; July 11.
Metal cutting and forming machine. T. H. Forshey. 2,168,704; Aug. 8.
Metal cutting process and apparatus. H. H. Moss. 2,146,266; Feb. 7.
Metal cutting tool. A. L. Wallace. 2,182,975; Dec. 12.
Metal decking. C. F. Davis. 2,180,317; Nov. 14.
Metal derivatives of acetylenic hydrocarbons, Alkali. N. D. Scott and J. F. Walker. 2,171,868; Sept. 5.
Metal derivatives of organic substances, Preparation of alkali. N. D. Scott, V. L. Hansley, and J. F. Walker. 2,171,867; Sept. 5.
Metal detection device. V. W. Breitenstein. 2,179,240; Nov. 7.
Metal device for threaded fasteners, Adapting sheet. B. C. Place. 2,165,765; July 11.
Metal, Direct rolling of hot. C. D. Coxe. 2,183,010; Dec. 12.
Metal discharge tube, Shielded. W. Espe. 2,178,747; Nov. 7.
Metal-drawing press, Double-action. W. Ernst. 2,146,535; Feb. 7.
Metal-drawing press, Hydraulic double-action. W. Ernst. 2,146,534; Feb. 7.
Metal elements for screws, Adapting sheet. B. C. Place. 2,169,057; Aug. 8.

Metal elements, Making porous. J. H. Davis. 2,157,596; May 9.
Metal extrusion machine. P. Dunsheath. 2,183,959; Dec. 19.
Metal fastener. W. L. Dimoush. 2,156,682; May 2.
Metal fastener. J. Meersteiner. 2,183,243; Dec. 12.
Metal feeding apparatus. C. Jordan and E. J. Hubelmeyer. 2,171,181; Aug. 29.
Metal finish, Hammered. G. Ariotti. 2,151,312; Mar. 21.
Metal, Flame-cutting. H. E. Rockefeller and J. H. Rountree. 2,184,562; Dec. 26.
Metal flanging apparatus, Sheet. C. R. Schlicht. 2,159,771; May 23.
Metal flow and equalized temperature and in extrusion apparatus therefor. S. W. Sparks. 2,142,704; Jan. 3.
Metal for drawing and the like, Treating sheet. H. A. Montgomery. 2,153,811; Apr. 11.
Metal, for instance pig iron, Decarbonizing a carbon holding. I. Rennerfelt. 2,170,158; Aug. 22.
Metal for screws, Adapting sheet. B. C. Place. 2,169,056; Aug. 8.
Metal forming machine, Sheet. C. A. Frick. 2,147,432; Feb. 14.
Metal forming working device. C. P. Chamberlin. 2,158,400; May 16.
Metal from a liquid, Method and apparatus for the recovery of. A. B. Doran. 2,158,410; May 16.
Metal from bodies of ferrous metals, Method and apparatus for thermochemically removing. H. R. Pufahl and J. H. Bucknam. 2,168,581; Aug. 8.
Metal, Galvanizing sheets of. T. C. Scott. 2,175,706; Oct. 10.
Metal half tone screen. E. O. Norris. 2,171,276; Aug. 29.
Metal, Handling and treating. J. Schmeller, Sr. 2,142,875; Jan. 3.
Metal, Hard facing. R. L. Lerch and W. A. Wissler. 2,173,484; Sept. 19.
Metal hydroxides colloidally soluble in water, Production of. F. Stoewener. 2,163,922; June 27.
Metal hydroxides, Producing colloidal. R. S. Bley. 2,154,603; Apr. 18.
Metal into shotting, Disintegrating. J. F. Ervin. 2,159,433; May 23.
Metal, Making ductile laminated. M. G. Whitfield. 2,170,361; Aug. 22.
Metal, Mechanism for feeding and cutting sheet. E. V. Swangren. 2,148,248; Feb. 21.
Metal members, Fastening sheet. B. C. Place. 2,172,258; Sept. 5.
Metal members, Handling and working. J. B. Orr, Jr. 2,159,043; May 23.
Metal members, Joining. H. E. Rockefeller. 2,151,334; Mar. 21.
Metal members, Manufacture of composite. J. B. Orr, Jr. 2,160,559; May 30.
Metal members, Uniting. T. W. Greene. 2,174,218; Sept. 26.
Metal, Method and apparatus for alloying. R. E. Kinkead. 2,175,606; Oct. 10.
Metal, Method and apparatus for cold rolling strip. L. Iversen. 2,180,635; Nov. 21.
Metal, Method and apparatus for cutting and heat-treating. H. H. Moss. 2,152,145; Mar. 28.
Metal, Method and apparatus for rolling. F. R. Krause. 2,147,301; Feb. 14.
Metal, Method and apparatus for treating. F. C. Biggert, Jr., and C. F. Buente. 2,158,687; May 16.
Metal, Method and solution for pickling and cleaning. N. E. Cook. 2,158,992; May 16.
Metal, Method of and machine for bending sheet. H. G. Flagler. Re. 20,972; Jan. 10.
Metal, Method of and tool for shaping and ironing sheet. F. P. Stull. 2,163,715; June 27.
Metal, Method of casting. W. E. Remmers. 2,143,423; Jan. 10.
Metal, Methods and compositions for spraying. F. O. Albertson and G. A. Olsen. 2,149,825–6; Mar. 7.
Metal mixture. J. L. Lehman. 2,151,217; Mar. 21.
Metal mixtures, Treating. H. von Zeppelin. 2,170,394; Aug. 22.
Metal mold. H. B. Lindsay. 2,180,422; Nov. 21.
Metal objects, Forging irregular. E. A. Ryder. 2,142,805; Jan. 3.
Metal objects of substantially smooth surface, Making negatives in metal of. W. C. Reid. 2,171,599; Sept. 5.
Metal obstructions from wells, Removing. J. J. Grebe and S. M. Stoesser. 2,152,306; Mar. 28.
Metal or castings by the liquid method, Device for the repair or other treatment of. C. O. J. Broms. 2,143,758; Jan. 10.
Metal or other sheet material, Apparatus for cutting sheet. J. Jamieson. 2,145,725; Jan. 31.
Metal or other surfaces a coating of fusible metal, Applying to. W. H. Exley and W. Haddon. 2,142,891; Jan. 3.
Metal particles from human and animal bodies, Apparatus for finding and removing. D. A. Willis. 2,176,479; Oct. 17.
Metal parts, Building up. I. T. Bennett. 2,166,700; July 18.
Metal parts, Forming. R. C. Ingersoll. 2,164,523; July 4.
Metal parts, Method and apparatus for cleaning. C. E. Severin. 2,166,644; July 18.
Metal percarbonates, Preparation of. J. S. Reichert. 2,167,997; Aug. 1.
Metal-phthalocyanines, Manufacture of. M. A. Dahlen and S. R. Detrick. 2,153,300; Apr. 4.
Metal pickling process. D. J. Beaver. 2,167,621; Aug. 1.
Metal plate filter. A. M. Babitch. 2,159,196; May 23.
Metal plates, Embossing. D. W. Sherman. 2,157,354; May 9.
Metal portions of coin collector housings, Forming. A. R. MacLagan and F. F. Schuster. 2,150,383; Mar. 14.
Metal powders, Electrolytic. C. Hardy and C. L. Mantell. 2,157,699; May 9.
Metal powders, Production of. C. L. Mantell. 2,182,567; Dec. 5.
Metal preparatory to painting, Preparation for cleaning. C. L. Boyle. 2,145,291; Jan. 31.
Metal, Process and device for reducing sheet. E. B. Hudson. 2,148,469; Feb. 28.
Metal radio tube. H. L. Thorson. 2,166,830; July 18.
Metal receptacle. L. M. Piker. 2,155,871; Apr. 25.
Metal recovering means and method. C. E. Bowers. 2,173,546; Sept. 19.
Metal recovery. H. N. Gilbert. 2,150,437; Mar. 14.
Metal reel. L. R. McGuire. 2,152,523; Mar. 28.
Metal rolling machine applicable for the manufacture of electric conductors. P. V. Hunter and H. Hill. 2,160,268; May 30.
Metal-rolling mill. G. H. Rose. 2,175,783; Oct. 10.
Metal rolling process. R. W. Graham. 2,177,711; Oct. 31.
Metal rolling process. H. L. Harper. 2,143,554; Jan. 10.
Metal salts and making, Basic. K. E. Long. 2,157,767; May 9.
Metal scarfing machine and process. W. B. Rowland and W. R. Linden. 2,152,213; Mar. 28.
Metal scoring machinery. I. Newman. 2,179,755; Nov. 14.
Metal scrap, Melting up light. E. Junker and W. Leitgebel. 2,170,863; Aug. 29.
Metal seaming machine, Sheet. A. and L. W. Zahner. 2,171,297; Aug. 29.
Metal section members, and more particularly rails, in order to harden them, Device for handling. M. Blagé. 2,143,753; Jan. 10.
Metal shapes, Cleaning elongated. J. M. Hilbish and J. K. McCahan. 2,174,880; Oct. 3.
Metal shapes, Method of and apparatus for extruding elongated solid and hollow. S. W. Sparks. 2,142,703; Jan. 3.
Metal sheet piling apparatus. G. E. Black. 2,165,918; July 11.
Metal sheets, Apparatus for stagger piling. G. A. Kaufman. 2,143,779; Jan. 10.
Metal sheets, Apparatus for treating. E. I. Huff. 2,172,386; Sept. 12.
Metal sheets, Arc welding thin. B. M. Larsen, M. E. Berley, and K. Heindlhofer. 2,173,450; Sept. 19.
Metal sheets, Method and apparatus for classifying. G. A. Kaufman. 2,146,581; Feb. 7.
Metal sheets, Method and apparatus for punching. G. J. Greiner. 2,156,015; Apr. 25.
Metal sheets or articles, Producing galvanized. J. H. Hill and H. W. Theiss. 2,160,864; June 6.
Metal sheets, Producing perforated. B. Wempe. 2,169,937; Aug. 15.
Metal silicates, Making alkali. G. R. McDaniel. 2,153,872; Apr. 11.
Metal spoked wheel. J. T. Trumble. 2,158,709; May 16.
Metal spray apparatus. W. H. Stevens. 2,150,949; Mar. 21.
Metal-spraying equipment. D. D. Taylor. 2,143,232; Jan. 10.
Metal stitching machine. W. O. Sims. 2,180,484; Nov. 21.
Metal stock and the like, Switching of. C. W. Hawthorne. 2,181,401; Nov. 28.
Metal stock, Composite. T. B. Chace. 2,173,433; Sept. 19.
Metal stock, Conditioning. B. Bannister. 2,148,675; Feb. 28.
Metal stock for paneling and other purpose, Sheet. G. R. Wilson. 2,152,297; Mar. 28.
Metal stock, Manufacture of. L. H. Ashmore. 2,159,002; May 23.
Metal stock while in transit, Conditioning. F. W. Alles and F. N. Sarber. 2,157,313; May 9.
Metal straightener, Pneumatic. F. J. Hauschild. 2,148,943; Feb. 28.
Metal straightening machine, Portable hydraulic. E. M. Pfauser. 2,165,503–4; July 11.
Metal, Stretching sheet. E. W. McKinney. 2,183,969; Dec. 19.
Metal strip and method and apparatus for trimming it, Composite. M. D. Stone and R. E. Kinkead. 2,177,356; Oct. 24.
Metal strip, Method and apparatus for making. K. C. Gardner. 2,145,593; Jan. 31.
Metal strips, Sharpening. L. Steiner. 2,164,959; July 4.
Metal stud. E. P. Burke. 2,177,277; Oct. 24.
Metal sulphhydryl compounds from keratin degradation products, Preparing. E. Sturm and R. Fleischmann. 2,180,262; Nov. 14.
Metal surfaces, Coating of. G. I. Finch. 2,178,251; Oct. 31.

Metal surfaces during cold-working, Lubricating. N. F. Toussaint. 2,151,285; Mar. 21.
Metal surfaces, Hardening of. H. H. Beeny. 2,157,948; May 9.
Metal surfaces, Hardening of. A. H. Lloyd and H. H. Beeny. 2,154,947; Apr. 18.
Metal surfaces to inhibit corrosion, Treating. H. A. Cooper. 2,149,253; Mar. 7.
Metal to wood, Uniting sprayed. A. Koyemann. 2,157,456; May 9.
Metal, Treating. W. A. Darrah. 2,184,972; Dec. 26.
Metal, Treating. M. Donchi. 2,158,278; May 16.
Metal treating apparatus. F. C. Biggert, Jr., and C. F. Buente. 2,181,503; Nov. 28.
Metal, Treating molten. T. Tafel, Jr. 2,151,360; Mar. 21.
Metal, Treating strip. C. E. Moore. 2,176,094; Oct. 17.
Metal tube, Collapsible. P. W. Tainsh. 2,177,754; Oct. 31.
Metal tube, Reinforced. H. P. Nordmark. 2,165,294; July 11.
Metal values, Recovering. L. D. Bartlett. 2,151,261; Mar. 21.
Metal vapor lamp. F. Meyer, H.-J. Spanner, and E. Germer. 2,182,732; Dec. 5.
Metal vaporizing furnace. G. Anderson and R. S. Olsen. 2,156,420; May 2.
Metalware manufacture, Tubular sheet. W. Irven. 2,145,834; Jan. 31.
Metalware production, Sheet. G. M. Ambrosius. 2,147,392; Feb. 14.
Metal with aluminum or the like, Coating. M. G. Whitfield and V. Sheshunoff. 2,166,510; July 18.
Metalwork, Method of and templet punch for stamping flat sheet. J. S. Gay. 2,180,869; Nov. 21.
Metalworking. J. M. Christman. 2,175,378; Oct. 10.
Metalworking. C. W. Hazelett. Re. 21,261; Nov. 14.
Metal working. C. E. Kraus. 2,142,517; Jan. 3.
Metalworking. A. Liebergeld. 2,153,839; Apr. 11.
Metal working apparatus. P. R. Guirl and J. S. Barnes. Re. 20,974; Jan. 10.
Metalworking machine. F. H. Le Jeune. 2,154,004; Apr. 11.
Metalworking machine. F. H. Le Jeune. 2,154,983; Apr. 18.
Metalworking machine. F. H. Le Jeune. 2,159,901: May 23.
Metal working machine. H. G. Kellogg. 2,143,442; Jan. 10.
Metalworking, Method and machine for. R. L. Rougemont. 2,142,735; Jan. 3.
Metalworking process. C. W. Hazelett. Re. 21,260; Nov. 14.
Metal workpieces, Method of and apparatus for surfacing. C. E. Kraus. 2,178,590; Nov. 7.
Metallic alloy. C. H. Bell, L. S. Deitz, Jr., and A. I. Stein. 2,180,137; Nov. 14.
Metallic article and its manufacture. J. A. Boyer, W. P. Fitz-Randolph, and C. G. Rose. 2,173,835; Sept. 26.
Metallic article and its manufacture. W. P. Fitz-Randolph. 2,173,834; Sept. 26.
Metallic articles substantially free from impurities, Producing. J. Tyssowski. 2,150,470; Mar. 14.
Metallic articles through electroplating or like apparatus, Conveying. J. Kronsbein. 2,144,068; Jan. 17.
Metallic body and making same, Welded. J. C. Hodge. 2,177,927; Oct. 31.
Metallic bunch, Making a resilient. S. W. Grater, 2,165,178; July 4.
Metallic composition. F. R. Hensel. 2,159,763; May 23.
Metallic construction. L. Saives. 2,147,552; Feb. 14.
Metallic container. A. and E. A. Calleson. 2,142,743; Jan. 3.
Metallic dispensing receptacle. H. W. Rueger. 2,184,227; Dec. 19.
Metallic elements, Making composite. C. E. Swartz. 2,152,611; Mar. 28.
Metallic layers, Producing finely divided. G. Liebmann. 2,152,809; Apr. 4.
Metallic leaf, Manufacture and use of. D. D. Swift. 2,175,492; Oct. 10.
Metallic material, Manufacture of heavy. C. J. Smithells. 2,183,359; Dec. 12.
Metallic material, Producing. H. W. Gillett and R. W. Dayton. 2,149,596; Mar. 7.
Metallic object, Small shaped. C. Pfanstiehl. 2,169,966; Aug. 15.
Metallic objects, Apparatus and method for detecting defects in. R. Gunn. 2,162,710; June 20.
Metallic powders, Treatment of. J. E. Drapeau, Jr., and L. G. Klinker. 2,181,123; Nov. 28.
Metallic sheets, Method of and apparatus for cleaning. R. M. Fenton. 2,158,694; May 16.
Metallic strip, Method and aparatus for manufacturing. C. H. Manion. 2,162,407; June 13.
Metallic structure. J. B. Hunter. 2,179,820; Nov. 14.
Metallic structures, Manufacture of composite. R. M. Kenah. 2,155,274; Apr. 18.
Metallization by cathode disintegration. W. Burkhardt and R. Reinecke. 2,163,480; June 20.
Metallurgical furnace. A. M. Morton. 2,182,675; Dec. 5.
Metallurgical furnace. A. G. Witting. 2,160,610; May 30.
Metallurgical process. W. E. Greenawalt. 2,166,759; July 18.
Metallurgical process. B. S. Lacy. 2,162,619; June 13.
Metallurgical process. H. J. Ness. 2,181,094; Nov. 21.
Metallurgical process and apparatus. H. J. Ness. 2,181,092; Nov. 21.
Metallurgy. C. R. Kuzell. 2,182,128–9; Dec. 5.
Metals and a flux for effecting said process, Process of removing impurities for molten. I. A. Nicholas. 2,159,977; May 30.
Metals and alloys, Method of and apparatus for the heat treatment of. A. G. E. Robiette. 2,152,154; Mar. 28.
Metals and alloys, Producing superficial carbonization of. E. W. Skelton. 2,167,128; July 25.
Metals and minerals in the ground, Locating. N. Brundin. 2,158,980; May 16.
Metals and other substances from aqueous liquids, Apparatus for recovering. E. L. Brinker and H. J. Gray. 2,162,909; June 20.
Metals and paper, Recovering. L. Halberstadt. 2,160,500; May 30.
Metals and preventing their ignition, Extinguishing burning light. F. Kotz and A. Bergmann. 2,182,440; Dec. 5.
Metals and their respective alloys, Reducing the grain in precious. W. Truthe. 2,143,217; Jan. 10.
Metals, Apparatus for alloying. D. V. McParlin. 2,158,517; May 16.
Metals, Apparatus for casting. D. K. Crampton. 2,145,416; Jan. 31.
Metals, Apparatus for casting. K. A. Lindner. 2,157,550; May 9.
Metals, Apparatus for continuously casting. D. K. Crampton. 2,176,990; Oct. 24.
Metals, Apparatus for melting. P. Marx. 2,161,180; June 6.
Metals, Apparatus for mining submerged precious. G. O. Schulz. 2,144,743; Jan. 24.
Metals, Apparatus for producing colloidal suspensions of. D. M. Phillippi and J. E. Wilson. 2,162,823; June 20.
Metals, Apparatus for the electrodeposition of. R. H. Adey. 2,146,924; Feb. 14.
Metals, Apparatus for treating. S. R. McBride. 2,148,391; Feb. 21.
Metals by acids of salts and its applications, Product for inhibiting the attack on. J. E. J. G. Mascré. 2,160,406; May 30.
Metals, Casting. A. R. Rowe. 2,148,583; Feb. 28.
Metals, Casting. K. Seaver. 2,165,945; July 11.
Metals, Casting. J. A. Schultz, Jr., and J. A. Zapf. 2,173,377; Sept. 19.
Metals, Drawing. H. A. Montgomery. 2,166,173; July 18.
Metals, Electrolytic production of. G. Jaeger. 2,151,599; Mar. 21.
Metals, Electrolytic production of alkali. I. J. Moltkehansen. 2,150,289; Mar. 14.
Metals, Electrolytic treatment of ferrous. C. W. Yerger and G. Todd. 2,165,326; July 11.
Metals from black sand, Apparatus for separating precious. C. C. Nutter. 2,158,551; May 16.
Metals from finely divided material, Device for dry separation of precious. L. E. Bigelow. 2,160,822; June 6.
Metals from ores, Extracting. A. T. Sweet and J. D. MacCarthy. 2,176,775; Oct. 17.
Metals from ores, Smelting. J. M. Avery. 2,150,145; Mar. 14.
Metals from solutions, Recovering. A. B. Doran. 2,174,570; Oct. 3.
Metals from their ores, Apparatus for separating precious. J. L. Luckenbach. 2,166,167; July 18.
Metals, Hardening refractory. L. M. Van Note. 2,170,844; Aug. 29.
Metals, Heat treatment of. A. Wille, C. Albrecht, and K. Bonath. 2,148,664; Feb. 28.
Metals in investment material, Mechanism for casting. G. A. Yantis. 2,171,778; Sept. 5.
Metals into envelopes, Introducing active. D. H. Wamsley. 2,156,414; May 2.
Metals, Making composite. J. B. Orr, Jr. 2,160,558; May 30.
Metals, Melting. J. D. Russell. 2,144,230; Jan. 17.
Metals, Melting, purification, and recovery of. G. H. Goldsmith. 2,151,696; Mar. 28.
Metals, Method and apparatus for the melting of. H. E. Burke, C. J. Frey, and R. B. Gray. 2,163,508; June 20.
Metals, Method of and apparatus for centrifugally casting. A. C. Davidson. 2,178,163; Oct. 31.
Metals, Method of and apparatus for cutting. R. S. Babcock and J. M. Gaines, Jr. 2,184,561; Dec. 26.
Metals, Method of treating. W. J. Merten. 2,145,989; Feb. 7.
Metals, Multiple cold reducing strip. H. S. Orr. 2,181,462; Nov. 28.
Metals or other materials, Spraying. C. F. Lumb. 2,155,948; Apr. 25.
Metals, particularly of magnesium, Apparatus for the thermal production of volatilizable. H. Seliger, O. Bretschneider, B. Hubald, W. Krüger, and G. Truglitzka. 2,159,910; May 23.
Metals, Pickling. R. L. Brandt. 2,176,389; Oct. 17.
Metals, Pickling. A. J. Ducamp and M. E. A. Saule. 2,152,406; Mar. 28.
Metals, Preventing adherence of congealed substances to. C. Hardy. 2,155,592–3; Apr. 25.

Metals, Process and apparatus for thermal deposition of. P. Alexander and A. de Dáni. 2,153,786; Apr. 11.
Metals, Process and bath for cleaning. J. Harmon and D. M. McQueen. 2,165,852; July 11.
Metals, Producing composite. F. P. Huston and A. Wesley. 2,147,407; Feb. 14.
Metals, Production of alkali. H. N. Gilbert. 2,148,404; Feb. 21.
Metals, Production of alkaline earth. F. R. Kemmer. 2,179,823; Nov. 14.
Metals, Production of ferreous. H. J. Ness. 2,181,096; Nov. 21.
Metals, Production of heavy. G. and J. G. Boecker. 2,173,749; Sept. 19.
Metals, Purification of. L. S. Deitz, Jr. 2,180,139; Nov. 14.
Metals, Purification of impure noble. H. Langwell and J. F. Short. 2,164,826; July 4.
Metals, Reclamation of. L. S. Fleck and A. A. Mansbach. 2,154,673; Apr. 18.
Metals, Recovering precious. C. R. Hauke. 2,153,467; Apr. 4.
Metals, Refining of white. G. E. Behr. 2,150,353; Mar. 14.
Metals separation. H. H. Burton. 2,160,955; June 6.
Metals, Treating. E. H. Greenberg. 2,148,020; Feb. 21.
Metals, Treating cold-rolled. J. O. Keighley. 2,165,635; July 11.
Metals, Treatment of. J. M. Michel. 2,166,365; July 18.
Metals, Uniting. W. K. Rankin. 2,157,918; May 9.
Metals, Welding. W. Ahlert. 2,150,045; Mar. 7.
Metals with aromatic hydrocarbons, Reacting alkali. N. D. Scott. 2,183,847; Dec. 19.
Metals with silicon, Impregnation of. H. K. Ihrig. 2,142,941; Jan. 3.
Metals with silicon, Impregnation of. H. K. Ihrig. 2,157,902; May 9.
Metasilicates and alkali metasilicate-containing compositions, Manufacture of alkali. M. Jaeger and F. Besemann. 2,161,515; June 6.
Metatarsal gauge. W. M. Scholl. 2,148,649–50; Feb. 28.
Metatarsal gauge. W. M. Scholl and H. E. Stark. 2,148,651; Feb. 28.
Meter: *See*—
Camera and exposure meter.
Compensated meter.
Demand meter.
Dry gas meter.
Earth resistance meter.
Efficiency meter.
Electric meter.
Exposure meter.
Flight meter.
Flow meter.
Fluid flow meter.
Fluid meter.
Gas meter.
Gravity meter.
Ground speed and drift meter.
Haze meter.
Hydrogenation ion meter.
Liquid flow meter.
Liquid-fuel meter.
Liquid meter.
Maximum-demand meter.
Modulation meter.
Moving coil induction meter.
Multiple gravity meter.
Multirange meter.
Multitorsion meter.
Optical contrast meter.
Optical light exposure meter.
Parking meter.
Photographic exposure meter.
Photolectric exposure meter.
Piston meter.
Postage meter.
Product meter.
Rotary meter.
Sheath current meter.
Single head meter.
Stress meter.
Thermal demand meter.
Time measuring meter.
Watt-hour meter.
Meter. E. H. Thompson. 2,147,937; Feb. 21.
Meter. W. N. Woodruff, C. A. Toce, and W. F. Herschede. 2,162,191; June 13.
Meter, Air velocity. J. R. Boyle. Re. 21,127; June 27.
Meter and cycle of operation of same, Fluid. C. N. Mitchell. 2,184,895; Dec. 26.
Meter and measuring the rate of flow of fluids, Fluid. H. E. Hartig. 2,151,203; Mar. 21.
Meter bar. E. G. Campbell and C. E. Norton. 2,178,278; Oct. 31.
Meter base. W. G. Mylius. Re. 21,148; July 11.
Meter box. R. M. Walker, C. M. Jenkins, and C. W. Strong. 2,182,603; Dec. 5.
Meter cabinet. A. J. Allen. 2,156,672; May 2.
Meter case, Polyphase. S. S. Green. 2,166,003; July 11.
Meter compensation, Watt-hour. T. D. Barnes. 2,177,274; Oct. 24.
Meter connection box. I. F. Kinnard. 2,154,310; Apr. 11.
Meter connection device. E. G. Johansson. 2,182,629; Dec. 5.
Meter construction. F. Kurz. 2,183,617; Dec. 19.
Meter construction, Fluid. F. W. Hanks. 2,153,061; Apr. 4.
Meter cylinder, Fluid pressure operated. P. F. Rossmann. 2,165,942; July 11.
Meter disconnect. W. G. Mylius. 2,172,218; Sept. 5.
Meter, Flow. W. C. Walker. Re. 21,012; Feb. 21.
Meter for fluids. A. Schlecker. 2,144,345; Jan. 17.
Meter for heat consumption. O. C. Brun. 2,156,968; May 2.
Meter load compensation, Watt-hour. T. D. Barnes. 2,162,522; June 13.
Meter or pump, Adjustable displacement. R. T. Knapp. 2,154,458; Apr. 18.
Meter reading recorder. L. M. Potts. 2,148,500; Feb. 28.
Meter reading scope, Gas. G. B. Gelakoski. 2,181,453; Nov. 28.
Meter sealing device. W. H. Campbell. 2,162,548; June 13.
Meter service appliance, Electric. R. H. Kingdon. 2,145,546; Jan. 31.
Meter setter. J. L. Ford. 2,165,626; July 11.
Meter system, Compound. R. H. Barge. 2,148,253; Feb. 21.
Meter system, Flow. C. P. Sherwood. 2,181,075; Nov. 21.
Meter-testing device. S. B. Calhoon. 2,181,172; Nov. 28.
Meter with uniform damping adjustments, Watt-hour. S. S. Green. 2,149,885; Mar. 7.
Meters, Apparatus for by-passing socket. E. G. Johansson and O. K. Coleman. 2,184,840; Dec. 26.
Metering apparatus. G. Raymond. 2,158,381; May 16.
Metering apparatus, Compensating. E. L. Harder. 2,154,270; Apr. 11.
Metering circuit. J. R. Barnhart. 2,160,712; May 30.
Metering device. H. W. Dietert. 2,179,687; Nov. 14.
Metering device. A. W. Krause. 2,176,673; Oct. 17.
Metering fuel pump. H. V. Honn. 2,174,697; Oct. 3.
Metering pump. C. R. Alden. 2,156,933; May 2.
Metering pump. J. F. Hoffer. 2,160,735; May 30.
Metering system, Remote. H. L. Bernarde. 2,147,423; Feb. 14.
Metering valve. R. W. Johnson. 2,155,761; Apr. 25.
Methallyl cinnamate. E. C. Britton and C. L. Moyle. 2,155,856; Apr. 25.
Methane and the homologues thereof, Chlorinating. K. Dachlauer and E. Schnitzler. 2,156,039; Apr. 25.
Methane, Nitrating. G. K. Landon. 2,161,475; June 6.
Methane, Nitrating. G. K. Landon. 2,164,774; July 4.
Methanol and acetone mixtures, Separation of. A. G. Bright and W. E. Fisher. 2,179,991; Nov. 14.
Methanol, Purification of. E. C. Britton and R. P. Perkins. 2,151,461; Mar. 21.
Method and apparatus for procuring impressions of the surfaces of the anterior teeth for dental work. R. N. Harper. 2,171,695; Sept. 5.
Method of and apparatus for nonarcing circuit interruption. G. E. Doan. 2,156,974; May 2.
Method of and machine for sealing capped containers. S. B. Field. 2,156,892; May 2.
Methoxy acetaldehyde and making alkoxy acetaldehydes. N. L. Drake. 2,170,854; Aug. 29.
Methyl bromide, Apparatus for dispensing. P. H. Richert. 2,156,869; May 2.
Methyl methacrylate, Polymerization of. O. Röhm and E. Trommsdorff. 2,171,765; Sept. 5.
Methyl-vinyl-ketone, Preparing. H. Lange and O. Horn. 2,158,290; May 16.
Methyl violet, Purification of. O. S. Frank. 2,181,369; Nov. 28.
Metronome. J. O. Aalberg. 2,184,728; Dec. 26.
Metronome, Electrically driven. F. Franz. 2,150,967; Mar. 21.
Mica and similar material, Cleaning. F. C. Atwood. 2,177,358; Oct. 24.
Micrometer, Electric. H. C. Turner and T. C. Nuttall. 2,154,156; Apr. 11.
Micrometer gauge. E. P. Polushkin. 2,182,236; Dec. 5.
Micrometer leveling device. J. B. Kasten. 2,169,533; Aug. 15.
Micrometric adjusting mechanism. C. H. Weant. 2,172,719; Sept. 12.
Microphone. L. J. Anderson. 2,173,994; Sept. 26.
Microphone. W. H. Huth. 2,171,793; Sept. 5.
Microphone. W. H. Huth. 2,181,565; Nov. 28.
Microphone. H. Jacoby and H. Panzerbieter. 2,168,569; Aug. 8.
Microphone. E. Severin. 2,157,720; May 9.
Microphone. G. W. Sutton. 2,179,733; Nov. 14.
Microphone apparatus. B. Baumzweiger. 2,184,247; Dec. 19.
Microphone, Auscultation. C. Lian and G. Minot. 2,169,806; Aug. 15.
Microphone, Condenser. H. J. von Braunmühl and W. Weber. 2,179,361; Nov. 7.
Microphone, Contact. S. Ballantine. 2,165,123; July 4.
Microphone, Reflector. E. Gerlach. 2,155,163; Apr. 18.
Microphone, Thermionic. F. L. Pulaski. 2,157,719; May 9.
Microphone, Throat. S. Ballantine. 2,165,124; July 4.
Microphonic apparatus. T. B. Gibbs. 2,175,021; Oct. 3.
Microphonic material. C. J. Christensen, F. S. Goucher, and H. G. Wehe. 2,151,083; Mar. 21.
Microphonic relay. S. F. Lybarger. 2,145,603; Jan. 31.
Microphotographic apparatus. J. H. O'Neill. 2,166,419; July 18.
Microporous separator and making the same. W. J. Burgess. 2,181,299; Nov. 28.
Microprojector. R. P. Porter. 2,168,137; Aug. 1.
Microscope. L. H. Brown. 2,156,911; May 2.
Microscope. W. Maisch. 2,146,506; Feb. 7.
Microscope. H. N. Ott. 2,143,632; Jan. 10.
Microscope. H. N. Ott. 2,148,576; Feb. 28.
Microscope, Comparison. F. Meinhardt and H. Fricke. 2,184,750; Dec. 26.
Microscope objectives, Attaching. H. N. Ott and G. S. MacDonald. 2,173,657; Sept. 19.
Microscope, Reflector. J. M. Sullivan. 2,182,099; Dec. 5.

Microscopes, Means for improving the available resolving power of. H. N. Ott. 2,182,499; Dec. 5.
Microscopy. H. C. Snook. 2,153,010; Apr. 4.
Microtome. E. Bausch and G. Fassin. 2,155,523; Apr. 25.
Microwave oscillator and detector. E. G. Linder. 2,157,179; May 9.
Milk and cream, Deodorizing. E. M. Davis. 2,182,335; Dec. 5.
Milk and other dairy products derived therefrom against protein and fat decomposition, Stabilization of. S. Musher. 2,176,023; Oct. 10.
Milk and producing the same, Soluble dried solids of. H. K. Salzberg. 2,181,003; Nov. 21.
Milk bottle cabinet, Theftproof. R. W. Reed. 2,166,729; July 18.
Milk bottle carrier. E. E. Donaghy. 2,182,017; Dec. 5.
Milk bottle cap. J. R. Gammeter. 2,157,601; May 9.
Milk bottle hanger. G. W. Potts. 2,161,195; June 6.
Milk bottle holder. E. Hornsby. 2,173,017; Sept. 12.
Milk bottle receptacle. H. P. Speer. 2,163,739; June 27.
Milk can. D. A. Harris. 2,164,816; July 4.
Milk can. W. F. Punte. 2,146,226; Feb. 7.
Milk can filler. J. Stellitano. 2,168,055; Aug. 1.
Milk compounds, Dispensing powdered. A. W. Oelgoetz. 2,173,311; Sept. 19.
Milk container. M. Rossi. 2,154,584; Apr. 18.
Milk cooler. V. W. Hiller. 2,181,553; Nov. 28.
Milk cooling cabinet. A. A. McMurray. 2,155,502; Apr. 25.
Milk, Fermenting. H. P. Thies. 2,162,449; June 13.
Milk filtering and cooling device. G. R. Duncan. 2,172,577; Sept. 12.
Milk fluids, Treatment of. E. H. Browne. 2,148,100; Feb. 21.
Milk, Packaging. J. M. Hothersall. 2,174,514; Oct. 3.
Milk pad. D. E. Pierce. 2,176,275; Oct. 17.
Milk, Preventing the infection of. O. V. Jensen. 2,143,947; Jan. 17.
Milk products, Processing. C. O. Ball. 2,153,542; Apr. 11.
Milk protector. D. E. McKenzie. 2,147,622; Feb. 14.
Milk, Purifying. R. W. Schmidt. 2,155,843; Apr. 25.
Milk-shaker attachment. L. W. Nye. 2,176,271; Oct. 17.
Milk tester. J. D. Case. 2,162,156; June 13.
Milk to be used for beverages and the product thereof, Processing of. H. S. Samson. 2,164,351; July 4.
Milking machine. E. Shurts. 2,169,992; Aug. 15.
Mill: *See*—
Attrition mill.
Backed roll mill.
Ball mill.
Bar mill.
Center feed stamp mill.
Coffee mill.
Colloid mill.
Counterbalanced stamp mill.
Crushing mill.
Crushing or grinding mill.
Emulsifying mill.
Extrusion mill.
Feed mill.
Fulling mill.
Grinding mill.
Hammer mill.
Metal-rolling mill.
Needle roll cold reduction mill.
Paint mill.
Pipe or tube mill.
Pulverizer mill.
Reduction mill.
Ring hammer mill.
Roll mill.
Roller mill.
Rolling mill.
Rotary ball mill.
Rotary hammer mill.
Roughage mill.
Rubber mill.
Shingle mill.
Size reducing mill.
Stamp mill.
Tube and the like mill.
Tube rolling mill.
Tumbling mill.
Vertical edging mill.
Mill. R. S. Butler. 2,168,085–9; Aug. 1.
Mill. E. T. Meakin. 2,167,900; Aug. 1.
Mill. C. Pontoppidan. 2,160,169; May 30.
Mill adjustment, Rolling. T. Sendzimir. 2,169,711; Aug. 15.
Mill and silage cutter, Convertible hammer. F. W. Brannon. 2,160,695; May 30.
Mill control, Rolling. W. C. McBain. 2,157,739; May 9.
Mill for dispersion and mixing. M. W. Ditto. 2,169,339; Aug. 15.
Mill for enlarging hollow bodies, Rolling. J. Severin. 2,164,724; July 4.
Mill for grinding pepper, salt, sugar, coffee and the like. J. Mantelet. 2,184,719; Dec. 26.
Mill for hot rolling strip. W. Worthington. 2,177,971; Oct. 31.
Mill having feed controlled grinding rollers, Roller. E. Roth. 2,174,843; Oct. 3.
Mill housing, Rolling. E. Chapman. 2,150,911; Mar. 21.
Mill mandrel, Rolling. R. J. Anater. 2,159,123; May 23.
Mill or the like, Rubber. C. F. Schnuck. 2,179,961; Nov. 14.
Mill system, Rolling. C. J. Klein. 2,172,616; Sept. 12.
Miller, Road. E. C. Gledhill. 2,183,098; Dec. 12.
Milling cutter. E. A. Robbins. 2,183,922; Dec. 19.
Milling machine. J. B. Armitage. 2,182,421; Dec. 5.
Milling machine. J. T. Bolas. 2,184,708; Dec. 26.
Milling machine. P. P-G. Hall. 2,177,319; Oct. 24.
Milling machine. V. Jereczek. 2,145,355; Jan. 31.
Milling machine. A. L. Krause. 2,155,864; Apr. 25.
Milling machine. G. N. Levesque. 2,181,516; Nov. 28.
Milling machine. M. Martellotti and H. Ernst. 2,170,503; Aug. 22.
Milling machine. F. R. Swanson. 2,178,441; Oct. 31.
Milling machine for copying or profiling. H. F. Atkins. 2,182,331; Dec. 5.
Milling machine for copying or profiling. H. F. Atkins. 2,183,344; Dec. 12.
Milling, Method of and machine for. C. E. Kraus. 2,148,479; Feb. 28.
Milling products, Method and composition for improving. F. H. Penn. 2,158,588–9; May 16.
Mills of any type, Mounting of the cutting or grinding ribs or teeth in. O. Kristoffersen. 2,147,167; Feb. 14.
Mills, Tube and the like. J. E. Kennedy. 2,181,943; Dec. 5.
Mimi-o-file cabinet. M. M. Beatty. 2,169,911; Aug. 15.
Mine car. H. E. Abkowitz. 2,179,679; Nov. 14.
Mine car. A. Bramley. 2,150,818; Mar. 14.
Mine car. E. Ramsay. 2,142,412; Jan. 3.
Mine haulage unit. J. H. Fletcher. 2,166,135; July 18.
Mine pump. J. F. Joy. 2,157,132; May 9.
Mine skip. O. D. McClure. 2,161,583; June 6.
Mining and apparatus therefor. T. F. McCarthy. 2,143,522; Jan. 10.
Mining apparatus. E. M. Cadwallader. 2,176,885; Oct. 24.
Mining, Apparatus for. C. F. Osgood. 2,148,495; Feb. 28.
Mining chain cutter. F. L. Fulke. 2,168,794; Aug. 8.
Mining cutter. H. Stephens. 2,148,309; Feb. 21.
Mining machine. J. F. Joy. 2,170,331; Aug. 22.
Mining machine. J. F. Joy. 2,180,359; Nov. 21.
Mining machine. J. F. Joy and C. P. Baldwin. 2,162,722; June 20.
Mining machine. N. D. Levin. 2,170,927–8; Aug. 29.
Mining machine. N. D. Levin. 2,175,507; Oct. 10.
Mining machine. O. F. Lewis. 2,156,733; May 2.
Mining machine. L. E. Mitchell. 2,165,404; July 11.
Mining machine. L. E. Mitchell. 2,166,569; July 18.
Mining machine. L. E. Mitchell. 2,166,689; July 18.
Mining machine. L. E. Mitchell. 2,171,043; Aug. 29.
Mining machine. L. E. Mitchell. 2,171,161–2; Aug. 29.
Mining machine and elements thereof. F. L. Fulke. 2,156,726; May 2.
Mining machine chain, Reversible. C. L. Bowman. 2,155,526; Apr. 25.
Mining machine transmission mechanism. L. E. Simmons. 2,161,835; June 13.
Mining, Method of and apparatus for. J. F. Joy. 2,182,127; Dec. 5.
Mining process. H. L. Reed. 2,172,683; Sept. 12.
Mining system. N. D. Levin. 2,169,424; Aug. 15.
Mineral classifier machine. C. W. Livingston. 2,155,319; Apr. 18.
Mineral compounds, Fiberizing. B. C. McClure. 2,172,153; Sept. 5.
Mineral materials, Process and apparatus for treatment of. B. M. Bird and M. E. Haworth. 2,161,500; June 6.
Mineral matter, Bleaching. F. W. Binns. 2,165,532; July 11.
Mineral matter, Colloidal. C. E. Kraus. 2,182,086; Dec. 5.
Mineral oil, Separation of. M. H. Tuttle. 2,153,353; Apr. 4.
Mineral separation, Apparatus for. M. Constant. 2,170,069; Aug. 22.
Mineral slimes in oil wells, Treating inorganic. A. M. Herbsman. 2,172,083; Sept. 5.
Mineral wool, Apparatus and method for making. W. R. Seigle and B. Townshend. 2,150,040; Mar. 7.
Mineral wool, Apparatus for making. D. C. Drill. 2,166,400; July 18.
Mineral wool from fusible solids, Apparatus for and forming. C. R. Buss. 2,153,739; Apr. 11.
Minerals and other materials, Apparatus for pulverizing. C. W. Young. 2,155,697; Apr. 25.
Minerals, Apparatus for flotation of. A. C. Munro and H. A. Pearse. 2,145,269; Jan. 31.
Minerals, Bleaching. A. H. Bump. 2,149,506; Mar. 7.
Minerals, Digesting solid carbonaceous. W. M. Bywater. 2,174,184; Sept. 26.
Minerals may be melted, Means whereby. D. C. Drill. 2,165,242; July 11.
Minerals, Method of and apparatus for isolating. H. L. Alexander, H. I. du Pont, and W. B. Foulke. 2,150,899; Mar. 21.
Minerals, Method of and apparatus for isolating. H. L. Alexander, H. I. du Pont, and W. B. Foulke. 2,151,578; Mar. 21.
Miniature airplane wheel. M. L. Chappell. 2,165,536; July 11.
Minnow, Artificial. P. E. Gasque. 2,166,050; July 11.
Minnow, Artificial. V. H. Wilson. 2,181,254; Nov. 28.
Minnow, Artificial. J. L. Wyatt. 2,184,031; Dec. 19.
Minnow catcher. W. Stein and R. C. Price. 2,165,516; July 11.
Minnow, Fly-rod. R. M. Potts. 2,149,464; Mar. 7.
Mirror. W. La Hodny and P. Bertell. 2,166,303; July 18.
Mirror. C. A. Nickle. 2,145,732; Jan. 31.
Mirror and clearance lamp device, Combination truck. O. C. Ritz-Woller. 2,180,610; Nov. 21.
Mirror and sign, Combination rear vision. B. G. Blonkvist. 2,182,275; Dec. 5.
Mirror assembly for an automobile body. L. F. Sarnes. 2,161,777; June 6.
Mirror, Astronomical. C. H. Veeder. 2,152,394; Mar. 28.
Mirror, Automobile parking. A. J. Leonard. 2,173,439; Sept. 19.

Mirror backing and support. M. J. Maley. 2,142,321; Jan. 3.
Mirror bracket, Rear vision. H. J. Sauer. 2,143,281; Jan. 10.
Mirror device for looms for ascertaining from the position of the weaver breaking of warp threads or the like in the looms. E. Hochheimer. 2,171,493; Aug. 29.
Mirror for eyeglasses, Rear-view. J. Jiranek. 2,175,896; Oct. 10.
Mirror, Hand. J. Komorous. 2,163,001; June 20.
Mirror, Hand. A. Pavenick. 2,142,205; Jan. 3.
Mirror, Hand. M. H. Storch. 2,165,683; July 11.
Mirror, Head. C. Whitticar. 2,149,652; Mar. 7.
Mirror, Illuminated vehicle. C. Girl, W. E. Dunston, and S. H. Caldwell. 2,149,597; Mar. 7.
Mirror, Illuminated vehicle. C. Girl and W. E. Dunston. 2,149,598; Mar. 7.
Mirror, Make-up. G. H. Tussing. 2,161,730; June 6.
Mirror mounting. M. C. Lumley. 2,184,893; Dec. 26.
Mirror mounting, Rear-view. G. A. Johnson. 2,178,258; Oct. 31.
Mirror, Rear view. W. La Hodny. 2,157,613; May 9.
Mirror, Rear view. O. C. Ritz-Woller. 2,161,433; June 6.
Mirror, Rear view. P. E. Stone. 2,168,003; Aug. 1.
Mirror, Simulated bevel vanity. J. L. Richter and H. Goldblum. 2,162,590; June 13.
Mirror, Synchronized. J. G. Bryn. 2,175,105; Oct. 3.
Mirror, Vanity. W. La Hodny. 2,174,090; Sept. 26.
Miter joint. A. Mainieri. 2,155,729; Apr. 25.
Mixed fabric. C. C. Mattmann, Jr. 2,148,487; Feb. 28.
Mixer: *See*—
Beverage mixer.
Cement mixer.
Concrete mixer.
Dental amalgam mixer.
Drink mixer.
Dual drum mixer.
Feed mixer.
Food mixer.
Fuel and air mixer.
Mechanical mixer.
Molasses feed mixer.
Rotary mixer.
Sweet feed mixer.
Thermostatic mixer.
Thermostatic water mixer.
Water mixer.
Mixer and mold, Combination material. G. C. Rauch. 2,157,217; May 9.
Mixer motor unit. I. Jepson and P. A. Chamberlain. 2,182,083; Dec. 5.
Mixer scraping mechanism, Batter. T. Seybert. 2,178,269; Oct. 31.
Mixing and dispensing apparatus. H. K. Painter. 2,160,983; June 6.
Mixing and drying apparatus. A. J. Sackett. 2,148,998; Feb. 28.
Mixing and molding device. R. K. and J. E. Howie. 2,166,437; July 18.
Mixing apparatus. G. H. Haines. 2,166,403; July 18.
Mixing apparatus. C. S. Johnson. 2,174,089; Sept. 26.
Mixing apparatus. C. R. Kretzschmar. 2,142,947; Jan. 3.
Mixing apparatus. J. A. Lavine. 2,151,123; Mar. 21.
Mixing apparatus. C. T. McFarland. 2,161,631; June 6.
Mixing apparatus. C. H. Petry. 2,151,146; Mar. 21.
Mixing apparatus, Rotary. R. J. C. Boudrant. 2,146,618; Feb. 7.
Mixing device. C. A. McDuffee and T. W. Creech. 2,184,225; Dec. 19.
Mixing device. F. J. Muench. 2,165,568; July 11.
Mixing device. N. Rudnick. 2,159,711; May 23.
Mixing device for gaseous fuels. A. Scarozza. 2,178,125; Oct. 31.
Mixing machine. W. F. Dehuff. 2,181,079; Nov. 21.
Mixing or dissolving apparatus, etc. G. MacLean. 2,159,856; May 23.
Mixing system. R. Etzkorn. 2,152,956; Apr. 4.
Mixing valve. D. W. Rantine. 2,171,992; Sept. 5.
Mixture of magnesium oxide and calcium carbonate from dolomite, Obtaining a. W. H. MacIntire. 2,155,139; Apr. 18.
Mixture regulating mechanism, Combustible. C. E. Williams and W. E. Burnett. 2,173,191; Sept. 19.
Mixtures according to the countercurrent principle, Gradual separation of. J. P. Treub. 2,147,222; Feb. 14.
Mixtures containing chlorinated rubber into insoluble products, Transformation of soluble. W. Zander. 2,145,639; Jan. 31.
Mixtures of high boiling point liquids, Distillation of. O. Brücke. 2,184,579; Dec. 26.
Mixtures of liquid and solid constituents, Separation of. E. V. Murphree and E. D. Reeves. 2,165,807; July 11.
Mixtures, Uniform packaging of. A. C. Avril. 2,179,485; Nov. 14.
Moccasins over lasts, Method of and machine for use in shaping. W. C. Baxter. 2,144,732; Jan. 24.
Model, House. F. Bolhuis. 2,167,169; July 25.
Model, Tailor's. J. Dörrer. 2,151,017; Mar. 21.
Modulating and transmitting system, High frequency. G. T. Royden. 2,165,112; July 4.
Modulating system. A. Arzmaier. 2,181,312; Nov. 28.
Modulating system. E. B. Ferrell. 2,159,020; May 23.
Modulation. M. Baesecke and R. Bauer. 2,152,016; Mar. 28.
Modulation. N. E. Lindenblad. 2,171,629; Sept. 5.
Modulation. G. L. Usselman. 2,163,719; June 27.
Modulation, Arrangement for. W. Hähnle. 2,144,655; Jan. 24.
Modulation arrangement for magnetron transmitter. H. E. Hollmann. 2,177,065; Oct. 24.
Modulation circuit. O. Böhm and R. Hofer. 2,169,019; Aug. 8.
Modulation control circuit, Receiver subaudible. A. F. Van Dyck. 2,162,901; June 20.
Modulation control system. O. E. Keall. 2,183,717; Dec. 19.
Modulation meter. W. Buschbeck. 2,165,836; July 11.
Modulation, Method and means for. J. L. Finch. 2,165,844; July 11.
Modulation, Method of. W. Dillenburger. 2,163,939; June 27.
Modulation system. A. S. Gano. 2,180,514; Nov. 21.
Modulation system. A. W. Vance. 2,184,571; Dec. 26.
Modulation system for magnetron oscillators. W. Ilberg. 2,142,192; Jan. 3.
Modulation system for radio transmitters. E. Schulze-Herringen. 2,161,320; June 6.
Modulator. F. E. Terman. 2,152,753; Apr. 4.
Modulator, Carrier frequency. K. Schlesinger. 2,144,777; Jan. 24.
Modulator, Carrier reduced. G. L. Usselman. 2,169,859; Aug. 15.
Modulator system. H. O. Peterson. 2,183,795; Dec. 19.
Modulator, Ultra high frequency. W. R. Koch. 2,174,701; Oct. 3.
Moistener. W. E. Rosebush. 2,167,727; Aug. 1.
Moistener for cigar shapers. W. J. Brophy. 2,159,128; May 23.
Moistening device. F. J. Rouan and F. C. Sova. 2,167,252; July 25.
Moistening device. W. H. Wheeler, Jr. 2,167,257; July 25.
Moistening device for duplicating machines. E. M. Benello. 2,161,554; June 6.
Moistening device for duplicating machines. E. M. Benello. 2,161,795; June 13.
Moistening device for duplicators. P. T. Trueman and C. D. Chase. 2,172,115; Sept. 5.
Moisture-applying device. J. W. Steele. 2,174,393; Sept. 26.
Moisture collection device, Flush tank. V. Herodes and E. Janes. 2,180,902; Nov. 21.
Moisture content of air pervading fibrous material, Apparatus for determining the. G. E. Gaus and C. A. Bennett. 2,151,404; Mar. 21.
Moisture content of materials, Apparatus for regulating. F. E. P. Klages. 2,142,789; Jan. 3.
Moisture control system for paper drying machines and method. A. E. Armstrong. 2,148,720; Feb. 28.
Moisture distributing mechanism for printing machines. W. F. Huck. 2,183,558; Dec. 19.
Moisture from gases in the manufacture of contact sulphuric acid, Removal of. P. S. Gilchrist and J. M. Rumple. 2,174,739; Oct. 3.
Moisture indicator. F. H. Gulliksen. 2,171,363; Aug. 29.
Moistureproof container. P. S. Pittenger. 2,181,150. Nov. 28.
Moistureproofing. A. Hershberger. 2,159,151; May 23.
Moistureproofing. F. M. Meigs. 2,144,383; Jan. 17.
Molasses and resulting product, Treating. G. H. Lubarsky. 2,149,354; Mar. 7.
Molasses feed mixer. C. W. Ensor and P. L. Bubb. 2,161,508; June 6.
Molasses, Feeding liquid. K. P. Teske. 2,158,094; May 16.
Molasses stock feeder, Liquid. K. P. Teske. 2,158,093; May 16.
Mold: *See*—
Adjustable mold.
Baking mold.
Bunion mold.
Butter mold.
Casting mold.
Ceramic mold.
Cigar mold.
Concrete step mold.
Concrete vault mold.
Container—making mold.
Extrusion mold.
Foundry mold.
Hamburger mold.
Ice cream mold.
Ingot mold.
Meat mold.
Metal mold.
Packing mold.
Pipe joint mold.
Pipe mold.
Recapping mold.
Tire retreading mold.
Tire vulcanizing mold.
Mold. F. C. Biggert, Jr. 2,152,528; Mar. 28.
Mold. J. Edwardes and S. R. du Brie. 2,172,466; Sept. 12.
Mold. H. S. Knapp. 2,153,087; Apr. 4.
Mold. E. L. Long. 2,184,959; Dec. 26.
Mold. J. J. Mucher. 2,156,459; May 2.
Mold. E. Pohl. 2,147,350; Feb. 14.
Mold. J. Wirtz. 2,177,048; Oct. 24.
Mold and cooling the mold, Press. F. L. O. Wadsworth. 2,167,919; Aug. 1.
Mold and core structure. H. E. McWane. 2,161,521; June 6.
Mold and ingot, Ingot. E. Gathmann. 2,166,587; July 18.
Mold and other presses, Vulcanizing. C. Iverson. 2,169,146; Aug. 8.
Mold and the like, Foundry. W. W. Cooper. 2,160,645; May 30.
Mold clamping mechanism. H. A. Wurster. 2,154,967; Apr. 18.
Mold coating apparatus. C. E. Smith. 2,145,101; Jan. 24.
Mold coating mechanism for metallic centrifugal pipe molds. H. W. Stuart and H. S. Hunt. 2,162,829; June 20.

Mold for and method of molding rubber articles. S. R. Reimel. 2,147,218; Feb. 14.
Mold for casting crankshafts. D. J. Campbell. 2,147,880; Feb. 21.
Mold for forming solder bars. C. E. Burke. 2,182,013; Dec. 5.
Mold for making pliable plastic articles. H. Martin, Jr. 2,148,079; Feb. 21.
Mold for manufacture of rubber heels and the like, Double cavity. C. and F. Hall. 2,145,653; Jan. 31.
Mold for precast wall facings. B. F. Curran. 2,148,189; Feb. 21.
Mold for type casting machines, Casting. J. Schneider. 2,172,854; Sept. 12.
Mold form for circular concrete walls. W. A. Jennings. 2,151,210; Mar. 21.
Mold, Inhibition of. C. Hoffman, G. Dalby, and T. R. Schweitzer. 2,154,449; Apr. 18.
Mold material for casting metals. G. C. Clark. 2,183,424; Dec. 12.
Mold operating mechanism for glassware forming machines. F. O'Neill. 2,175,064; Oct. 3.
Mold support and separating device. L. Wohinc. 2,161,397; June 6.
Molded body of synthetic resin containing photographic designs. W. D. Ford. 2,180,002; Nov. 14.
Molded product. H. M. Dent and A. J. Norton. 2,180,934; Nov. 21.
Molded products, Producing. J. A. Raynolds, Jr. 2,170,520; Aug. 22.
Molding. D. J. Campbell. 2,156,523; May 2.
Molding. H. A. Endres. 2,178,537; Nov. 7.
Molding. E. F. Oyster. 2,169,279; Aug. 15.
Molding. G. Trautvetter. 2,169,172; Aug. 8.
Molding, Adjustable shelf. L. Hopp. 2,172,282; Sept. 5.
Molding and like fastener and installation thereof. J. Kral. 2,184,255; Dec. 19.
Molding and securing means therefor, Garnish. D. O. Brown. 2,171,412; Aug. 29.
Molding and wiring systems, Interconnecting unit construction for combined. R. L. Davison. 2,175,146; Oct. 3.
Molding apparatus. L. F. Nock. 2,148,084; Feb. 21.
Molding apparatus. C. Sopchack. 2,183,977; Dec. 19.
Molding apparatus, Automatic. G. C. Gunderson. 2,150,097; Mar. 7.
Molding, Apparatus for multiple pressure. R. R. Ridgway and B. L. Bailey. 2,150,884; Mar. 14.
Molding apparatus, Permanent. M. Wagner. 2,146,319; Feb. 7.
Molding composition and making same, Thermoplastic. R. V. Townend and W. R. Clayton. 2,175,232; Oct. 10.
Molding composition and making same, Urea resin. C. Ellis, Jr. 2,143,413; Jan. 10.
Molding compositions and molded articles from a natural horn, Production of thermosetting. S. Bakonyi. 2,159,981; May 30.
Molding device. P. O. Koehler. 2,154,169; Apr. 11.
Molding device. H. C. Zauner. 2,152,009; Mar. 28.
Molding device, Continuous. D. Roberts. 2,176,945; Oct. 24.
Molding machine. E. J. Byerlein and H. E. Fellows. 2,142,491; Jan. 3.
Molding machine. H. and G. Grabowski. 2,162,079; June 13.
Molding machine. J. M. Oldham. 2,162,563; June 13.
Molding machine. L. D. Plassmeyer. 2,148,132; Feb. 21.
Molding machine and mold for the centrifugal casting of annular bodies. W. Bremicker. 2,159,073; May 23.
Molding machine, Continuous. J. H. North. 2,181,737; Nov. 28.
Molding machine for biscuit dough and the like, Rotary. G. R. Baker. 2,146,786, Feb. 14.
Molding machine for molding building units. G. E. Wilson. 2,168,146; Aug. 1.
Molding machine for plastic substances. A. W. Sizer. 2,162,647; June 13.
Molding method. J. S. Kimble and S. E. Palmer. 2,151,476; Mar. 21.
Molding, Method of. J. J. Mucher. 2,163,798; June 27.
Molding or shaping die. W. Ruthven. 2,177,461; Oct. 24.
Molding, Ornamental panel supporting. P. J. Feykert. 2,183,065; Dec. 12.
Molding press. R. H. Rector. 2,147,217; Feb. 14.
Molding process and materials. N. N. T. Samaras and M. Plunguian. 2,161,748–9; June 6.
Molding, Thermoplastic. J. B. Tegarty. 2,178,410; Oct. 31.
Molding, Trim. C. E. McCormick. 2,165,399; July 11.
Molds and cores for coatings, Manufacture of. R. F. J. Ricard. 2,148,642; Feb. 28.
Molds, Apparatus for filling. R. Parcell. 2,177,375; Oct. 24.
Molds, Apparatus for producing. H. F. Hagemeyer. Re 21,046; Apr. 11.
Molds, Construction of. H. E. McWane. 2,161,522; June 6.
Molds for metal castings, Manufacturing sand. E. F. Oyster and F. T. Spikerman. 2,155,099; Apr. 18.
Molds, Manufacture of foundry. J. H. Hall. 2,144,532; Jan. 17.
Molds, Manufacture of foundry. J. H. Hall. 2,169,384–6; Aug. 15.
Molds, Method of and apparatus for cooling vulcanizing. M. Mahler. 2,173,588; Sept. 19.
Molybdenum, Ferrated colloidal. P. R. Vessie. 2,150,472; Mar. 14.
Molybdenum orange, Producing. A. Linz and L. W. Coffer. 2,176,819; Oct. 17.
Monitor cleaner. C. S. Easley. 2,179,976; Nov. 14.
Monitor for machine controls, Automatic. J. P. Buckley. 2,153,412; Apr. 4.
Monitoring means for sound recorders. J. D. Stack. 2,166,185; July 18.
Monitoring system for antenna arrays. F. G. Kear and F. L. Marx. 2,185,059; Dec. 26.
Monoarylides of aromatic dicarboxylic acid halides. W. Schumacher and P. Heimke. 2,159,605; May 23.
Monocalcium chlorophosphate, Production of. E. J. Fox. 2,143,438; Jan. 10.
Monocalcium phosphate, Crystalline anhydrous. W. H. Knox, Jr. 2,160,700; May 30.
Monocalcium phosphate, Heat-treated. J. R. Schlaeger. 2,160,232; May 30.
Monocalcium phosphate, Making. R. H. Newton. 2,143,025; Jan. 10.
Mono-calcium phosphate, Manufacture of. L. Block and C. S. King. 2,181,933; Dec. 5.
Mono-esters of fatty acids, Manufacture of sulphurized. H. G. Smith. 2,179,065; Nov. 7.
Monoformate of androstenediol and producing same. L. Ruzicka, A. Wettstein, and H. Kaegi. 2,173,425; Sept. 19.
Monohalogenation products, Preparing. P. Heisel and A. Hendschel. 2,168,260; Aug. 1.
Monolongéron construction for heavier-than-air craft. D. G. Moss. 2,183,323; Dec. 12.
Monorail. R. E. Nelles. 2,163,888; June 27.
Monosulphonates, Secondary alkyl. J. H. Werntz. 2,142,162; Jan. 3.
Monovinylacetylene, Hydrogenating. W. Berndt. 2,145,387; Jan. 31.
Mooring, Airship. H. W. Crum and D. W. Brown. 2,150,428; Mar. 14.
Mop. E. L. Gregory. 2,151,425; Mar. 21.
Mop. K. R. Keydel. 2,174,633; Oct. 3.
Mop. M. Korner and A. Greenblatt. 2,176,908; Oct. 24.
Mop. F. Mullett. 2,146,437; Feb. 7.
Mop. C. Pattee. 2,153,023; Apr. 4.
Mop. S. P. Vaughn. 2,165,319; July 11.
Mop, and washing and wringing apparatus therefor. W. H. Abbott. 2,147,782; Feb. 21.
Mop assembly. S. L. Smith. 2,161,725; June 6.
Mop cleaner, Vacuum. J. P. Gibbons. 2,170,528; Aug. 22.
Mop cloth or mop swab. O. Muckenhirn. 2,176,095; Oct. 17.
Mop, Dish. H. Hertzberg. 2,167,841; Aug. 1.
Mop, Flexible. J. Glover. 2,164,398; July 4.
Mophead. C. G. Watson. 2,145,536; Jan. 31.
Mop holder. J. and G. Bundenthal and W. D. Kimpton. 2,159,350; May 23.
Mop holder. J. H. Follen. 2,164,395; July 4.
Mop holder. S. C. Lawlor. 2,149,095; Feb. 28.
Mop, Mitten. W. Hertzberg. 2,157,700; May 9.
Mop shaking device. J. J. Brell. 2,185,101; Dec. 26.
Mop, Wringer. S. P. Vaughn. 2,153,601; Apr. 11.
Mopper for insecticides, Mechanical. J. J. Allen. 2,153,907; Apr. 11.
Mops, Cross head for. J. Glover. 2,159,145; May 23.
Mordant and making same. H. E. Bode. 2,183,390; Dec. 12.
Mortar and pestle. E. L. Chott. 2,161,998; June 13.
Mortar board. E. L. Thompson. 2,175,326; Oct. 10.
Mortar depositing device. E. H. Hart. 2,156,474; May 2.
Mortar, Light. H. O. Donner. 2,148,808; Feb. 28.
Mortician's appliance. R. E. Marquardt. 2,170,724; Aug. 22.
Mortuary device. P. W. Crothers. 2,156,260; May 2.
Mosaic or marquetry designs, Forming. H. R. Dinsmore. 2,162,610; June 13.
Mothproofing. W. H. Engels and J. Weijlard. 2,176,894; Oct. 24.
Mothproofing and mothproofed material. W. Lowe. 2,184,147; Dec. 19.
Mothproofing composition. G. de Meuron. 2,148,926; Feb. 28.
Motion, Apparatus for reproducing rotary. R. Münnich and H. Blechschmidt. 2,165,719; July 11.
Motion-converting mechanism. C. K. Gravley. 2,149,216; Feb. 28.
Motion, Converting reciprocating into rotary. C. S. Sarkar. 2,167,314; July 25.
Motion damping mechanism. J. W. Watson. 2,159,919; May 23.
Motion detector. E. L. Koenig. 2,148,163; Feb. 21.
Motion device, Lateral. J. C. Maris. 2,159,813; May 23
Motion device, Stop. P. J. Thomas. 2,169,170; Aug. 8.
Motion, Producing compound. E. F. Cole. 2,171,355; Aug. 29.
Motion, System for the electrical transfer of rotary. K. Beyerle. 2,157,094; May 9.
Motion, System for transmitting angular. W. H. Newell. 2,168,575; Aug. 8.
Motion transmitter, Variable. F. E. Pavelka. 2,172,518; Sept. 12.
Motion transmitting and control apparatus. J. Hornack. 2,165,754; July 11.

Motion transmitting apparatus. F. G. Bloch. 2,177,799; Oct. 31.
Motion transmitting mechanism. W. F. Aller. 2,177,398; Oct. 24.
Motion translating mechanism. O. E. Wolff. 2,152,518; Mar. 28.
Motive system. S. Gilbert. 2,172,124; Sept. 5.
Motor: *See*—
Air-cooled bicycle motor.
Airplane motor.
Alternating current induction motor.
Alternating current motor.
Commutator motor.
Direct current motor.
Dual voltage magnetic motor.
Electric motor.
Electromagnetic motor.
Expansible chamber motor.
Fluid motor.
Fluid operated motor.
Heat motor.
Hydraulic motor.
Hydraulic vane motor.
Hysteresis torque motor.
Induction motor.
Internal combustion motor.
Liquid motor.
Multispeed motor.
Oscillatory motor.
Outboard motor.
Pneumatic motor.
Polyphase alternating current motor.
Positional control motor.
Pressure fluid motor.
Protected motor.
Reversible inductor motor.
Rotary compressor-motor.
Rotary internal combustion motor.
Rotary motor.
Self starting synchronous motor.
Speed polyphase motor.
Spring motor.
Synchronized motor.
Synchronous motor.
Torus cylinder motor.
Tube cleaner motor.
Vertical geared motor.
Vibratory motor.
Water current motor.
Wave motor.
Wind motor.
Wind propelled turbine motor.
Motor. S. R. Bergman. 2,152,458; Mar. 28.
Motor. W. Brauer. 2,177,976–7; Oct. 31.
Motor. H. Carlson. 2,177,516; Oct. 24.
Motor. M. Carrasco-Sánchez. 2,168,672; Aug. 2.
Motor. J. C. Curtis. 2,157,120; May 9.
Motor. W. H. Gille. 2,145,791; Jan. 31.
Motor. A. S. Hartanov. 2,155,708; Apr. 25.
Motor. J. Oster. 2,158,145; May 16.
Motor. E. O. Winans. 2,162,771; June 20.
Motor. W. H. Wineman. 2,184,932; Dec. 26.
Motor and circuit arrangement therefor, Capacitor. H. W. Whitby. 2,178,945; Nov. 7.
Motor and control device therefor. W. H. Wineman. 2,172,267; Sept. 5.
Motor and fan unit. D. B. Replogle. 2,175,641; Oct. 10.
Motor and making the same, Electric. E. F. Hubacker. 2,153,563; Apr. 11.
Motor and motor-operated apparatus. C. F. Wallace and J. R. MacKay. 2,181,841; Nov. 28.
Motor and pump, Hydraulic. H. Thoma. 2,155,455; Apr. 25.
Motor and pump, Rotary. F. M. Nordling. 2,151,484; Mar. 21.
Motor and speed control device, Combined. I. Jepson. 2,144,734; Jan. 24.
Motor and speed-reduction-train unit, Combined electric. A. B. Poole. 2,169,901; Aug. 15.
Motor apparatus, Electric. J. R. MacKay. 2,181,842; Nov. 28.
Motor assembly, High speed electric. J. G. Baker, F. C. Rushing, S. J. Mikina, and H. D. Else. 2,147,420; Feb. 14.
Motor assembly, Submersible. A. Hollander and V. A. Hoover. 2,171,749; Sept. 5.
Motor base. E. S. Barger. 2,167,793; Aug. 1.
Motorboat. W. A. Edwards. 2,156,938; May 2.
Motorboat drive, Inboard-outboard. H. P. Caroland. 2,146,623; Feb. 7.
Motor boat driving mechanism. H. V. M. Hall. 2,179,626; Nov. 14.
Motor car, Turbo-electric railway. K. Schmer. 2,165,982; July 11.
Motor car, Three-wheel. P. A. C. F. Van den Stock. 2,167,096; July 25.
Motor circuit. V. A. Partz. 2,157,430; May 9.
Motor compressor. R. Pateras Pascara. 2,178,310; Oct. 31.
Motor compressor unit. E. G. Clements. 2,172,500; Sept. 12.
Motor compression unit. J. Touborg. 2,146,097; Feb. 7.
Motor-compressor unit for refrigerating apparatus. L. A. Philipp. 2,175,913; Oct. 10.
Motor-compressor unit for refrigerating apparatus. R. M. Smith. 2,174,536; Oct. 3.
Motor compressor unit, Sealed. W. K. Body and S. E. Bickle. 2,174,233; Sept. 26.
Motor construction, Outboard. H. Palmer. 2,143,573; Jan. 10.
Motor construction. Suction cleaner. A. A. Breuer. 2,172,135; Sept. 5.
Motor control. C. W. Burcky and R. E. Zenner. 2,179,712; Nov. 14.
Motor control. H. E. Kranz. 2,155,557; Apr. 25.
Motor control. S. Minneci. 2,154,314; Apr. 11.
Motor control. H. R. West. 2,175,935; Oct. 10.
Motor control. H. E. Young. 2,179,569; Nov. 14.
Motor control, Automatic. J. J. Neuman. 2,183,491; Dec. 12.
Motor control, Electric. L. Murphy. 2,144,575; Jan. 17.
Motor control mechanism. I. Jeppsson. 2,144,733; Jan. 24.
Motor control mechanism. R. P. Lansing. 2,154,572; Apr. 18.
Motor control, Method and system of. H. M. Soull. 2,169,294; Aug. 15.
Motor control, Phonograph. A. F. Welch. 2,145,743; Jan. 31.
Motor control, Single phase. E. J. Schaefer. 2,175,032; Oct. 3.
Motor control system. B. O. Austin. 2,183,762; Dec. 19.
Motor control system. W. J. Blanchard. 2,146,522; Feb. 7.
Motor control system. R. C. Buell. 2,151,550; Mar. 21.
Motor control system. H. S. Carnegie. 2,165,127; July 4.
Motor control system. R. E. Conover. 2,150,265; Mar. 14.
Motor control system. L. A. Griffith. 2,150,117; Mar. 7.
Motor control system. M. N. Halberg. 2,144,530–1; Jan. 17.
Motor control system. B. W. Jones. 2,151,553; Mar. 21.
Motor control system. D. Journeaux. 2,175,547; Oct. 10.
Motor control system. R. P. Lansing and G. J. Hausamann. 2,173,757; Sept. 19.
Motor control system. T. B. Montgomery. 2,143,357; Jan. 10.
Motor control system. W. R. Perry. 2,156,736; May 2.
Motor control system. W. W. Sloane. 2,149,472; Mar. 7.
Motor control system. C. J. Werner. 2,182,976; Dec. 12.
Motor control system. H. E. Wilber. 2,144,445; Jan. 17.
Motor control system. C. O. Wood. 2,149,485; Mar. 7.
Motor control system, Electric. H. C. Hastings and F. F. Usher. 2,167,481; July 25.
Motor control system, Electric. J. R. Taylor. 2,165,521; July 11.
Motor control system, Electric. F. Whyman. 2,176,728; Oct. 17.
Motor control system, Electric traction. E. A. Binney and P. L. Mardis. 2,179,319; Nov. 7.
Motor control system for a traffic signal. H. B. Shaw. 2,157,636; May 9.
Motor control, System of. W. M. Scott, Jr. 2,151,237; Mar. 21.
Motor control system, Plural. A. Stubbs. 2,160,687; May 30.
Motor control system, Synchronous. A. H. Lauder. 2,151,556; Mar. 21.
Motor control system, Synchronous. E. W. Swanson. 2,150,662–4; Mar. 14.
Motor cooling system. D. H. Coy. 2,169,121; Aug. 8.
Motor cultivating machine. L. Dufour. 2,168,733; Aug. 8.
Motor drive, Mechanical. C. E. Wyrick. 2,182,529; Dec. 5.
Motor driven let-off. O. V. Payne. 2,169,326; Aug. 15.
Motor, dynamo, and the like, Electric. E. Becker. 2,154,146; Apr. 11.
Motor for airplanes, Explosion propulsion. M. Glowka. 2,172,163; Sept. 5.
Motor for electric razors or the like, Magnetic. T. S. Casner. 2,150,153; Mar. 14.
Motor for warning signals and the like, Electromagnetic. T. J. Scofield. 2,165,582; July 11.
Motor lubricating system. J. Freistadter. 2,157,752; May 9.
Motor modulator. L. S. Reagan. 2,157,245; May 9.
Motor mount and adapter for mixers, chums, and the like, Removable. E. A. Heath. 2,162,400; June 13.
Motor mounting. C. E. Meyerhoefer. 2,178,401; Oct. 31.
Motor mounting for inflatable boats. J. F. Cooper. 2,150,420; Mar. 14.
Motor mounting means. A. O. Williams. 2,167,164; July 25.
Motor of telegraph apparatus, System for remotely switching in and out the driving. H. Rassow. 2,176,312; Oct. 17.
Motor operated switch. H. Wermeille. 2,149,036; Feb. 28.
Motor operated valve. C. G. Kronmiller. 2,146,681; Feb. 7.
Motor operating with heavy liquid fuel, High speed. R. P. F. Lemasson. 2,170,477; Aug. 22.
Motor or engine, Convertible internal combustion liquid fuel. E. L. Osborne. 2,159,224; May 23.
Motor or pump, Fluid. G. A. Wahlmark. 2,169,456; Aug. 15.
Motor protector. L. M. Persons and J. A. Rodgers. 2,143,085; Jan. 10.
Motor protector switch. J. A. Rodgers. 2,150,635; Mar. 14.
Motor pump, Deep well. H. M. Hallgarth. 2,144,186; Jan. 17.
Motor pump, Fluid driven. J. D. Mathews. 2,156,537; May 2.
Motor pump or electric generator. R. J. L. Moineau. 2,161,374; June 6.
Motor punching, Induction. E. W. Denman. 2,172,191; Sept. 5.
Motor speed control. W. C. Sechrist. 2,177,909; Oct. 31.
Motor speed control, Spring. R. D. Smith. 2,161,207; June 6.
Motor starting arrangement, Capacitor. D. A. Mooney. 2,181,734; Nov. 28.

Motor starting device. E. F. Seaman. 2,148,507; Feb. 28.
Motor structure, Synchronous electric. A. B. Poole. 2,171,987–9; Sept. 5.
Motor support. J. J. McCabe. 2,143,739; Jan. 10.
Motor switch. J. B. Sinnett. 2,164,667; July 4.
Motor system. C. P. Sweeny. 2,151,058; Mar. 21.
Motor system, Variable speed. H. A. Satterlee. 2,181,155; Nov. 28.
Motor tuning indicator. H. A. Reed. 2,162,120; June 13.
Motor vehicle. P. K. Beemer. 2,154,558; Apr. 18.
Motor vehicle. F. C. Best. 2,153,233; Apr. 4.
Motor vehicle. F. C. Best. 2,155,750; Apr. 25.
Motor vehicle. F. C. Best. 2,156,580; May 2.
Motor vehicle. F. C. Best. 2,165,332; July 11.
Motor vehicle. F. C. Best. 2,167,868; Aug. 1.
Motor vehicle. F. C. Best. 2,169,335–6; Aug. 15.
Motor vehicle. F. C. Best. 2,175,374; Oct. 10.
Motor vehicle. A. C. Bryan. 2,144,359; Jan. 17.
Motor vehicle. F. E. Dayes. 2,163,748; June 27.
Motor vehicle. S. Eliot. 2,176,125; Oct. 17.
Motor vehicle. W. R. Griswold. 2,153,083; Apr. 4.
Motor vehicle. W. R. Griswold. 2,158,235; May 16.
Motor vehicle. E. C. Horton. 2,146,213–14; Feb. 7.
Motor vehicle. A. L. Knapp. 2,146,826; Feb. 14.
Motor vehicle. R. K. Lee. 2,159,332; May 23.
Motor vehicle. R. K. Lee. 2,177,896–7; Oct. 31.
Motor vehicle. M. Leichsenring, Jr. 2,181,699; Nov. 28.
Motor vehicle. P. N. Miller. 2,155,503; Apr. 25.
Motor vehicle. P. N. Miller. 2,176,143; Oct. 17.
Motor vehicle. C. R. Paton. 2,152,660–1; Apr. 4.
Motor vehicle. C. R. Paton. 2,153,271; Apr. 4.
Motor vehicle. C. R. Paton. 2,175,280; Oct. 10.
Motor vehicle. P. F. Rossmann. 2,157,499; May 9.
Motor vehicle. F. W. Slack. 2,159,344; May 23.
Motor vehicle. F. W. Slack. 2,173,667; Sept. 19.
Motor vehicle. C. J. Smith. 2,154,113; Apr. 11.
Motor vehicle. C. W. Van Ranst. 2,146,866; Feb. 14.
Motor vehicle construction. C. M. Matthews. 2,167,664; Aug. 1.
Motor vehicle door lock. J. Palmer. 2,167,675; Aug. 1.
Motor vehicle frame. I. G. Eklund. 2,154,154; Apr. 11.
Motor vehicle light. L. Urge. 2,157,361; May 9.
Motor vehicle, Rear-engine. M. Klavik. 2,175,527; Oct. 10.
Motor vehicle switch. R. K. Winning. 2,171,073; Aug. 29.
Motor with low-voltage lamp taps, Alternating current. P. H. Trickey. 2,173,458; Sept. 19.
Motors, Adjustment of speed-load characteristics of mill. E. N. Millan and E. G. Schlup. 2,153,429; Apr. 4.
Motors, Apparatus for starting electric. W. J. Morrill and E. J. Schaefer. 2,185,130; Dec. 26.
Motors, Control of alternating current. J. D. Leitch. 2,165,491; July 11.
Motors, Controlling the output power of electric. J. P. Watson. 2,170,623; Aug. 22.
Motors, Cooling of railway traction. M. P. Blomberg. 2,164,444; July 4.
Motors into step, Method of and apparatus for pulling synchronous. D. R. Shoults. 2,151,162; Mar. 21.
Motors, Method of and means for cooling. J. B. Sinnett. 2,157,191; May 9.
Motors, Operating electric. R. J. Waterworth. 2,145,616; Jan. 31.
Motors, Starting synchronous. R. C. Scott. 2,144,549; Jan. 17.
Motors, Synchronizing alternating current. J. A. Balmford. 2,148,053; Feb. 21.
Motors to a vehicle truck, Fixing electric. M. E. J. H. Bikar. 2,159,584; May 23.
Mount, Adjustable. H. D. Hume and J. E. Love. 2,165,382; July 11.
Mount, Adjustable electrode. F. C. Desormeaux. 2,169,723; Aug. 15.
Mount, Engine. K. A. Browne and E. S. Taylor. 2,175,825; Oct. 10.
Mount, Flexible engine. E. S. Taylor. 2,175,999; Oct. 10.
Mount for a telescopic gun sight. L. I. Moore. 2,142,453; Jan. 3.
Mount for cinema cameras, etc. A. B. Maugard. 2,156,862; May 2.
Mount for electron discharge devices. N. R. Smith. 2,151,811; Mar. 28.
Mount for electron discharge devices. C. P. Vogel. 2,151,816; Mar. 28.
Mount for firearms, Telescope. F. L. Humeston. 2,151,768; Mar. 28.
Mount for firearms, Telescope. F. L. Humeston. 2,165,796; July 11.
Mount for light valves, Ribbon. O. C. Martin. 2,182,849; Dec. 12.
Mount for photographic prints or the like. L. A. Chilcote. 2,182,515; Dec. 5.
Mount for sound reproducing optical systems. D. O. Landis. 2,164,747; July 4.
Mount, Picture. L. A. Chilcote. 2,172,273; Sept. 5.
Mount, Radio tube. J. M. Pomfrett. 2,172,323; Sept. 5.
Mount, Transparency. H. C. Staehle. 2,184,007; Dec. 19.
Mount, Turret gun. K. Perkins. 2,175,852; Oct. 10.
Mount, Vehicle engine. S. A. Oliver. 2,165,297; July 11.

Mounting: *See*—
- Antivibration mounting.
- Body mounting.
- Closet bowl mounting.
- Closure mounting.
- Core mounting.
- Cutter mounting.
- Door hook mounting.
- Drill mounting.
- Electric light mounting.
- Engine mounting.
- Floodlight mounting.
- Frangible block mounting.
- Fuse mounting.
- Gas-mask eyepiece mounting.
- Gear mounting.
- Generator turntable mounting.
- Globe mounting.
- Lens mounting.
- Lifeboat safety mounting.
- Lubricated cutter mounting.
- Mirror mounting.
- Motor mounting.
- Ophthalmic mounting.
- Packing gland mounting.
- Panel mounting.
- Piezoelectric mounting.
- Pressure bomb mounting.
- Projection slide mounting.
- Propeller shaft mounting.
- Pump valve mounting.
- Reel mounting.
- Reflector mounting.
- Resilient mounting.
- Rim mounting.
- Rimless spectacle mounting.
- Roof speaker mounting.
- Serial mounting.
- Shaft bearing mounting.
- Sliding door mounting.
- Spring mounting.
- Stranding machine spool mounting.
- Switch mounting.
- Telephone hand-set mounting.
- Terrestrial globe mounting
- Thermocouple mounting.
- Tool mounting.
- Tuning condenser mounting.
- Universal mounting.
- Vehicle body mounting.
- Vibration dampening mounting.
- Watch case mounting.
- Watch mounting.
- Web dispenser mounting.
- Wheel mounting.
- Window frame mounting.
- Window mounting.

Mounting. H. G. Klemm. 2,167,577; July 25.
Mounting and belt tightener, Motor. B. S. Aikman. 2,184,541; Dec. 26.
Mounting and closure means for barrels and like containers, Tap. A. L. Maggenti. 2,145,121; Jan. 24.
Mounting and drive, Cement mixer. R. S. Medley and T. A. Owen. 2,142,588; Jan. 3.
Mounting and making same, Ophthalmic. E. M. Splaine. 2,173,670; Sept. 19.
Mounting arrangement for a high intensity light source. H. de Jong, J. Bergmans, and W. Kortenray. 2,160,648; May 30.
Mounting arrangement for piezoelectric crystals. O. E. Keall and E. O. Smith. 2,150,328; Mar. 14.
Mounting bracket. L. G. Copeman. 2,184,633; Dec. 26.
Mounting bracket. W. C. MacFadden. 2,144,885; Jan. 24.
Mounting device. F. E. Johnston. 2,144,261; Jan. 17.
Mounting device. A. J. Thompson. 2,164,846; July 4.
Mounting device, Adjustable. L. Smith. 2,175,576; Oct. 10.
Mounting device, Transparent. A. W. Engel. 2,152,881; Apr. 4.
Mounting fixture, Ceiling. H. C. Hueglin. 2,174,747; Oct. 3.
Mounting for a grinding wheel. J. M. Redinger. 210,550; Nov. 21.
Mounting for a machine tool, Attachment. A. F. Bennett. 2,175,592; Oct. 10.
Mounting for a motor or the like, Resilient. H. C. Hueglin. 2,145,655; Jan. 31.
Mounting for abrasive segments. H. P. Kirchner. 2,177,549; Oct. 24.
Mounting for aircraft, Blade. F. Huth. 2,164,744; July 4.
Mounting for aircraft, Gun. A. W. Kinsley. 2,176,907; Oct. 24.
Mounting for automobiles, Wheel. W. P. Woods and W. E. Smith. 2,178,734; Nov. 7.
Mounting for automotive vehicles, Spring wheel. A. Kuehn. 2,164,413; July 4.
Mounting for bearings for knife edges. W. Timson. 2,147,995; Feb. 21.
Mounting for blackboards and the like. C. D. Lowry. 2,182,481; Dec. 5.
Mounting for brake shoes. W. F. Boldt. 2,181,721; Nov. 28.
Mounting for cards, photographs, and the like. A. A. Ainsworth. 2,142,261; Jan. 3.
Mounting for conveying devices for snow removing mechanism, End. W. E. Klauer. 2,144,317; Jan. 17.
Mounting for disk plows, Scraper. J. P. Seaholm. 2,155,739; Apr. 25.
Mounting for doorknobs or handles. G. E. Wertz. 2,156,486; May 2.
Mounting for electrical devices. H. Hubbell, Jr. 2,146,741; Feb. 14.
Mounting for electrical devices, Wall. R. N. Rowe. 2,183,872; Dec. 19.
Mounting for electric switches. W. G. Harlow. 2,150,766; Mar. 14.
Mounting for electron discharge device. J. P. Laico. 2,160,478; May 30.
Mounting for engines, Air cleaner. D. B. Baker, C. R. Rogers, and W. O. Bechman. 2,146,881; Feb. 14.
Mounting for fire extinguishers. P. Evans. 2,159,889; May 23.
Mounting for fuses. A. Ramsey. 2,147,316; Feb. 14.
Mounting for gun sights. R. Pechar. 2,143,167; Jan. 10.
Mounting for handbags, Purse. G. Landberg. 2,182,563; Dec. 5.

Mounting for high pressure discharge lamps. J. W. Marden. 2,173,261; Sept. 19.
Mounting for hollow metal doors, Lock. W. R. Schlage. Re. 21,024; Mar. 7.
Mounting for hollow metal doors, Lock. W. R. Schlage. 2,182,503; Dec. 5.
Mounting for illuminating globes. E. A. Peterson. 2,149,228; Feb. 28.
Mounting for independently sprung front wheels of automotive vehicles. A. H. Chamberlain. 2,148,606; Feb. 28.
Mounting for internal combustion engines, Flexible. J. H. S. and J. K. Gardner. 2,165,750; July 11.
Mounting for machine frames, Motor. E. B. Guze. 2,171,032; Aug. 29.
Mounting for mirrors, covers, etc., Frame. M. Diamond. 2,148,261; Feb. 21.
Mounting for pinion shafts. W. J. Chievitz. 2,149,009; Feb. 28.
Mounting for prime movers to act on ground wheels, Adaptable. F. B. Smalley. 2,166,450; July 18.
Mounting for radio condensers. J. H. Clark. 2,183,985; Dec. 19.
Mounting for raising and lowering bifocal lenses, Adjustable nose pad. L. J. Page. 2,144,165; Jan. 17.
Mounting for rimless spectacles or eyeglasses, Ophthalmic. L. H. Kirk and C. Plouffe. 2,176,590; Oct. 17.
Mounting for robe cords. A. Rydquist. 2,155,738; Apr. 25.
Mounting for rock drills. D. W. Hart. 2,165,853; July 11.
Mounting for rock drills. D. W. Hart and M. F. Behney. 2,168,522; Aug. 8.
Mounting for rock drills. L. L. Richardson. 2,179,162; Nov. 7.
Mounting for seat structures. L. S. Whedon and A. A. Grinnell. 2,149,945; Mar. 7.
Mounting for sifters, Reed. P. M. Thompson. 2,145,409; Jan. 31.
Mounting for snow removing mechanism. W. E. Klauer. 2,144,312; Jan. 17.
Mounting for stamps or printing blocks and the like, Label. F. R. Stearns. 2,169,507; Aug. 15.
Mounting for toy airplanes, Propeller. N. E. Walker. 2,158,344; May 16.
Mounting for tractors, Implement. H. C. Buffington. 2,163,662; June 27.
Mounting for vehicles, Brake cylinder. B. Sugarman. 2,163,896; June 27.
Mounting for vehicles, Wheel. J. H. Heckert. 2,173,015; Sept. 12.
Mounting for Venetian blinds. H. K. Lorentzen. Re. 21,174; Aug. 8.
Mounting for vibrator heads, Ball bearing. L. H. Roeth. 2,178,881; Nov. 7.
Mounting means, Adjustable. I. E. McCabe. 2,171,861; Sept. 5.
Mounting means for a resiliently supported feeding mechanism, Resilient. F. A. Nicholson and W. T. Pritchard. 2,178,541; Nov. 7.
Mounting means for enclosed electric devices. R. H. Kingdon. 2,165,103; July 4.
Mounting means for flares. O. C. Ritz-Woller. 2,177,747; Oct. 31.
Mounting or carrier for blades or knives for pug mills or other mixing apparatus. J. D. Thompson. 2,160,925; June 6.
Mounting, Ophthalmic. F. E. Bowers. Re. 21,167; Aug. 1.
Mounting, Ophthalmic. L. L. Gagnon. Re. 21,255; Oct. 31.
Mounting sleeve for shoe stretcher blocks. A. Panos. 2,145,494; Jan. 31.
Mounting structure for refrigerator cabinets, Top. R. H. Money. 2,144,504; Jan. 17.
Mounting with temperature compensation, Crystal. H. E. Hollmann. 2,157,665; May 9.
Mountings for machines, Making resilient. D. F. Newman. 2,153,388; Apr. 4.
Mouse and rat trap. O. R. Booth. 2,160,717; May 30.
Mouse and rat trap. G. P. Livingston. 2,162,623; June 13.
Mouse trap. H. F. Arndt. 2,144,956; Jan. 24.
Mouse trap. R. M. Pendry. 2,163,961; June 27.
Mouth bit. I. B. Dalziel. 2,172,501; Sept. 12.
Mouth-closing device. W. S. Moore. 2,172,252; Sept. 5.
Mouthpiece for reed musical instruments. D. L. Fauss. 2,181,880; Dec. 5.
Mouthpiece for wind musical instruments, Adjustable. D. R. Goyette. 2,175,191; Oct. 10.
Mouthpieces, Method and apparatus for making. G. Davidson. 2,164,702; July 4.
Mouth plate. R. T. Mitchell. 2,142,614; Jan. 3.
Movable suspension frame. F. E. Madden. 2,181,406; Nov. 28.
Movement for dispensing apparatus, Step-by-step. C. A. Ropp. 2,152,818; Apr. 4.
Movement into continuous rotary movement, Transforming alternating rectilinear. A. Latil. 2,155,497; Apr. 25.
Movement of a character-bearing web, Method of and apparatus for controlling. D. F. Newman. 2,160,530; May 30.
Movement-producing device. L. K. Davis. 2,166,238–9; July 18.
Movement rest for watches. C. G. Marsden. 2,170,535; Aug. 22.
Moving coil induction meter. K. Lange. 2,180,473; Nov. 21.
Mower. R. D. Clemson. 2,152,278; Mar. 28.
Mower. R. D. Clemson. 2,183,545; Dec. 19.
Mower. J. C. Danielson. 2,143,057; Jan. 10.
Mower. R. A. Landrey. 2,146,399; Feb. 7.
Mower. L. A. Paradise and W. J. Coultas. 2,171,761; Sept. 5.
Mower. F. J. Vondracek. 2,167,130; July 25.
Mower attachment. J. P. Calcaterra and P. Ferrero. 2,156,009; Apr. 25.
Mower attachment. W. L. McGrath, M. P. Ferguson, M. P. Whitney, and D. L. Wertz. 2,157,620; May 9.
Mower attachment, Lawn. L. F. Mulno. 2,164,467; July 4.
Mower cutter bar unit. W. A. Johnson. 2,149,347; Mar. 7.
Mower cutting structure. W. A. Johnson. 2,173,687; Sept. 19.
Mower, Gang lawn. F. Dursch. 2,155,182; Apr. 18.
Mower, Grass catcher for lawn. N. D. Geringer. 2,171,548; Sept. 5.
Mower grinding machine, Automatic multiple lawn. S. W. McGee. 2,164,830; July 4.
Mower, Lawn. K. A. Caspersson. 2,181,781; Nov. 28.
Mower, Lawn. F. T. Farmer and S. D. Loud. 2,177,628; Oct. 31.
Mower, Lawn. E. S. George and H. L. Blydenburgh. 2,168,706; Aug. 8.
Mower, Lawn. E. S. George and W. A. Gibbons. 2,176,175; Oct. 17.
Mower, Lawn. H. F. Godwin and F. C. Speke. 2,152,252; Mar. 28.
Mower, Lawn. H. Goodacre. 2,174,826; Oct. 3.
Mower, Lawn. H. M. Hooe. 2,171,750; Sept. 5.
Mower, Lawn. C. Iverson. 2,165,551; July 11.
Mower, Lawn. A. G. Persson and C. T. Fornstrom. 2,148,835; Feb. 28.
Mower, Lawn. F. L. Shelor. 2,167,222; July 25.
Mower, Lawn. C. O. Todd. 2,150,085; Mar. 7.
Mower, Lawn. G. C. Willford. 2,142,295; Jan. 3.
Mower, Multiple gang tractor. J. A. Roseman. 2,153,876; Apr. 11.
Mower of cutting mechanism, Reciprocating. F. Dursch. 2,155,183; Apr. 18.
Mower, Power. A. Korsmo and M. Ronning. 2,155,716; Apr. 25.
Mower, Power. M. P. Vargas. 2,150,350; Mar. 14.
Mower, Power driven lawn. E. R. Potter. 2,174,757; Oct. 3.
Mower, Power driven, manually guided lawn. F. Eisenlohr. 2,154,564; Apr. 18.
Mower, Power lawn. T. B. Funk. 2,151,659; Mar. 21.
Mower sharpening machine, Lawn. P. Carpenter. 2,142,669; Jan. 3.
Mower sharpening means, Lawn. J. Dunn. 2,174,204; Sept. 26.
Mower, Tractor. C. F. Crumb and S. E. Hilblom. 2,166,942; July 25.
Mower, Tractor. C. F. Crumb and S. E. Hilblom. 2,176,992; Oct. 24.
Mower, Tractor. C. R. Raney, R. D. MacDonald, and S. E. Hilblom. 2,166,967; July 25.
Mower, trimmer, sweeper, and soil working machine, Combination lawn. M. H. Senior. 2,148,841; Feb. 28.
Mower unit, Motor. M. Waddell. 2,145,467; Jan. 31.
Mowers, Repair bracket support for lawn. A. M. Collot. 2,168,115; Aug. 1.
Mowing apparatus, Lateral. H. G. Harmen. 2,165,851; July 11.
Mowing machine. J. A. Brown. 2,143,473; Jan. 10.
Mowing machine. C. L. Meinholdt. 2,168,738; Aug. 8.
Mowing machine. W. Vutz. 2,148,311; Feb. 21.
Mowing machine. R. W. Wagner. 2,177,357; Oct. 24.
Mowing machine attachment. E. H. Gunter. 2,156,981; May 2.
Mowing machine, Multiple gang. J. A. Roseman. 2,177,189; Oct. 24.
Mowing machine structure. R. W. Wagner. 2,157,041; May 2.
Mud pump valve. G. C. Deakins. 2,148,850; Feb. 28.
Muds, Drilling. W. V. Vietti and A. D. Garrison. 2,146,693; Feb. 7.
Muff, Ear. G. G. Bean. 2,149,383; Mar. 7.
Muff, Ear. J. Jacobs. 2,184,996; Dec. 26.
Muff for wind instruments. D. F. Rupert. 2,160,229; May 30.
Muffle. H. H. Harris. 2,145,256–7; Jan. 31.
Muffler. E. S. Cornell, Jr. 2,157,115; May 9.
Muffler. L. G. Hector. 2,146,183; Feb. 7.
Muffler. G. H. Hedrick. 2,150,768; Mar. 14.
Muffler. C. Hollerith. 2,151,470; Mar. 21.
Muffler. G. A. Kingsley. 2,148,948; Feb. 28.
Muffler. E. D. Latulippe. 2,158,030; May 9.
Muffler. W. A. Morrison. 2,152,205; Mar. 28.
Muffler. Q. G. Noblitt and E. Ludlow. 2,182,405; Dec. 5.
Muffler. H. S. Powell. 2,175,410; Oct. 10.
Muffler. G. C. Starkweather and L. L. Haas. 2,150,811; Mar. 14.
Muffler. G. C. Starkweather and L. L. Haas. 2,157,029; May 2.
Muffler. G. C. Starkweather and L. L. Haas. 2,176,615; Oct. 17.

Muffler. M. L. Warsing. 2,150,530; Mar. 14.
Muffler, Motor vehicle. J. Tobin. 2,162,683; June 13.
Muffler, Oil burner. J. H. McIlvaine. 2,154,133; Apr. 11.
Muffling device. W. A. Morrison. 2,166,218; July 18.
Muffs, Combined cap and ear. I. Kronenberger. 2,149,121; Feb. 28.
Mulling apparatus. W. F. Piper. 2,177,945; Oct. 31.
Mullion fastening means. H. W. Cook. 2,163,831; June 27.
Multiaxle drive vehicle. A. W. Herrington. 2,154,045; Apr. 11.
Multicircuit jack. E. F. Norrito. 2,169,988; Aug. 15.
Multicircuit timing switch. C. L. Anderson. 2,175,864; Oct. 10.
Multiconductor cable. M. Hochstadter. 2,147,095; Feb. 14.
Multicylinder engine. J. Bugatti. 2,179,030; Nov. 7.
Multicylinder engine. L. R. Spencer. 2,156,203; Apr. 25.
Multipactor, Concentric. R. L. Snyder. 2,147,934; Feb. 21.
Multiple-blade disconnecting switch. H. J. Crabbs. 2,174,236; Sept. 26.
Multiple burner furnace. C. E. Small. 2,184,654; Dec. 26.
Multiple circuit switch. R. Popp and M. C. Carlton. 2,166,607; July 18.
Multiple clamp. E. Borsetti. 2,171,076; Aug. 29.
Multiple clamp. E. Borsetti. 2,174,459; Sept. 26.
Multiple contact connector. A. L. Langston and J. I. MacDonald. 2,183,651; Dec. 19.
Multiple copy pad. J. L. McAdams. 2,178,878; Nov. 7.
Multiple gravity meter. F. G. Boucher. 2,183,115; Dec. 12.
Multiple outlet feeder, Reversible. D. R. Hillis. 2,184,778; Dec. 26.
Multiple pressure lubricator. W. D. Hodson. 2,164,273; June 27.
Multiple spindle machine tool. C. A. Hoefer. 2,183,743; Dec. 19.
Multiple switch. W. J. Spengler. 2,169,819; Aug. 15.
Multiple-way valve. P. Van Sittert. 2,171,316; Aug. 29.
Multiplier, Ultra-high-frequency. K. E. Fritz. 2,158,114; May 16.
Multiplying apparatus, Frequency. O. E. Keall. 2,142,195; Jan. 3.
Multiplying machine. J. W. Bryce. 2,166,928; July 25.
Multiplying machine. J. W. Bryce. 2,178,950–1; Nov. 7.
Multiplying machine. J. M. Cunningham. 2,165,230; July 11.
Multiplying machine. J. M. Cunningham. 2,174,690; Oct. 3.
Multiplying machine. H. H. Keen. 2,165,271; July 11.
Multiplying machine. R. A. Rowley. 2,161,592; June 6.
Multiplying machine and impulse emitter therefor. J. W. Bryce. 2,170,544; Aug. 22.
Multiplying machine, Key punch. J. W. Bryce. 2,170,543; Aug. 22.
Multiplying machine, Sliding scale. J. W. Bryce. 2,178,064; Oct. 31.
Multiposition regulator. L. J. Newman. 2,142,204; Jan. 3.
Multirange meter. F. E. Terman. 2,167,162; July 25.
Multishuttle box. R. G. Turner. 2,156,885; May 2.
Multispeed motor. C. A. Rall. 2,174,758; Oct. 3.
Multistage window chair. F. J. Kerber. 2,167,982; Aug. 1.
Multitorsion meter. L. P. Smith. 2,176,935; Oct. 24.
Multiutilitarian cooling and serving cabinet. V. F. Vaclavik. 2,165,822; July 11.
Museum and display case. B. G. Rand. 2,174,180; Sept. 26.
Music, Apparatus for the production of. C. T. Jacobs. 2,165,707; July 11.
Music, Apparatus for the production of. B. F. Miessner. 2,168,623; Aug. 8.
Music cabinet, Piano-bench. W. H. Gelbaugh. 2,152,378; Mar. 28.
Music holder. G. M. Eads. 2,182,287; Dec. 5.
Music pitch and tempo adjustment indicating device, Recorded. K. Ross. 2,142,591; Jan. 3.
Music stand. O. L. Lagervall. 2,172,085; Sept. 5.
Music stand, Portable. D. Bonetti. 2,156,489; May 2.
Music synthetically, Apparatus for producing. M. L. Severy. 2,155,741; Apr. 25.
Musical closure and holder. I. Tilson. 2,175,006; Oct. 3.
Musical instrument. E. Govoni. 2,167,359; July 25.
Musical instrument. F. H. Kislingbury. 2,171,430; Aug. 29.
Musical instrument. A. Loomis. 2,146,967; Feb. 14.
Musical instrument. H. A. McCord. 2,167,582; July 25.
Musical instrument. W. C. L. Morrison. 2,162,339; June 13.
Musical instrument. A. Rose. 2,159,491; May 23.
Musical instrument. E. V. Sanders. 2,153,725; Apr. 11.
Musical instrument. H. Selmer. 2,151,337; Mar. 21.
Musical instrument. H. Selmer. 2,181,346; Nov. 28.
Musical instrument. V. H. Severy. 2,178,706; Nov. 7.
Musical instrument. V. H. Severy. 2,180,122; Nov. 14.
Musical instrument. Z. Swanson. 2,180,130; Nov. 14.
Musical instrument. A. S. Terhaar. 2,153,817; Apr. 11.
Musical instrument. F. Watschinger and A. Schlecht. 2,156,711; May 2.
Musical instrument and music-score device, Combined. M. M. Cole. 2,178,903; Nov. 7.
Musical instrument attachment. E. Dibert. 2,148,540; Feb. 28.
Musical instrument carrying case. M. Brooks. 2,156,910; May 2.
Musical instrument, Electrical. F. A. Firestone. 2,176,525; Oct. 17.
Musical instrument, Electrical. L. Hammond. 2,161,706; June 6.
Musical instrument, Electrical. L. Hammond. 2,184,424; Dec. 26.
Musical instrument, Electrical. C. E. Williams. 2,142,580; Jan. 3.
Musical instrument, Electrical stringed. R. Dopyera. 2,170,294; Aug. 22.
Musical instrument, Electronic. G. Smiley. 2,173,888; Sept. 26.
Musical instrument, Photoelectric. R. C. Fisher. 2,164,809; July 4.
Musical instrument, Pneumatically operated electrical. J. T. Stiff. 2,173,216; Sept. 19.
Musical instrument, Stringed. G. D. Beauchamp. 2,152,783; Apr. 4.
Musical instrument, Stringed. J. Dopyera. 2,158,322; May 16.
Musical instrument, Stringed. H. G. Finney. 2,145,718; Jan. 31.
Musical instrument, Wind type. E. J. Fitchhorn. 2,146,179; Feb. 7.
Musical instruments, Neck construction of stringed. E. A. Stathopoulo. 2,148,589; Feb. 28.
Musical string instrument. G. Virzi. 2,162,595; June 13.
Musical system. A. A. Kucher. 2,163,096; June 20.
Musical tones, Apparatus for the generation of. E. L. Kent and L. C. Paslay. 2,147,948; Feb. 21.
Musical tuning device. W. D. Gladstone. 2,172,578; Sept. 12.
Mustard container. S. L. Casella. 2,151,684; Mar. 28.
Mute for stringed instruments. M. A. Warner. 2,175,007; Oct. 3.
Mute holder. L. Bartoli. 2,184,790; Dec. 26.
Muting system. D. V. Sinninger. 2,174,641; Oct. 3.
Mutiple discharge tube, Shielded. J. F. Jordan. 2,150,800; Mar. 14.
Muzzle attachment for guns. S. G. Green. 2,150,161; Mar. 14.
N,N-di-cycloalkyl-alkyl amines, Tertiary. F. F. Blicke. 2,180,344; Nov. 21.
N-alkanes with sulphur dioxide and chlorine and products thereof, Reaction of liquid. J. M. Tinker and A. L. Fox. 2,174,507; Sept. 26.
N-butyl monochlor-resorcinol. E. Moness. 2,151,137; Mar. 21.
N-cyclopentylamides of carboxylic acids. H. W. Arnold and P. R. Austin. 2,151,369; Mar. 21.
N-lower-dialkyl-cumarin-3-carbonylamides and producing them. O. Dalmer and F. von Werder. 2,170,127; Aug. 22.
N-methyl beta hydroxy ethylamines, Preparing. R. W. Maxwell. 2,163,099; June 20.
N-nitroaryl polyhydroxy alkyl amino compounds and preparing the same. W. E. Lawson and C. P. Spaeth. 2,159,804; May 23.
N-phenylarylamines, Preparation of derivatives of. A. M Neal and G. C. Strouse. 2,156,792–3; May 2.
N-substituted-2-amino nitro-phenols. E. C. Britton and C. L. Moyle. 2,155,356; Apr. 18.
N-vinyl compounds, Producing. W. Reppe, E. Keyssner, and F. Nicolai. 2,153,993; Apr. 11.
Nail. E. D. Tripp. 2,172,553; Sept. 12.
Nail and making same, Clamp. M. C. Putnam. 2,170,462; Aug. 22.
Nail, Clamp. A. Heyser. 2,148,390; Feb. 21.
Nail-driving device. T. A. Roy. 2,169,433; Aug. 15.
Nail enamel. H. C. Fuller. 2,173,755; Sept. 19.
Nail extractor. H. Schultheiss. 2,151,304; Mar. 21.
Nail feeding mechanism. G. C. Paxton. 2,161,973; June 13.
Nail feeding mechanism. H. Paxton. 2,175,482; Oct. 10.
Nail making machine. J. D. Hernández. 2,155,310; Apr. 18.
Nail or spike. A. M. Agnew. 2,168,854; Aug. 8.
Nail-polish remover dispenser. H. E. Warr and E. H. Schwab. 2,183,662; Dec. 19.
Nail, Self-clinching. W. and C. C. Shippee. 2,150,788; Mar. 14.
Nailer, Animal skin. R. S. Roy. 2,149,124; Feb. 28.
Nailing machine. F. L. Brandt. 2,145,337; Jan. 31.
Nailing machine. F. L. Brandt. 2,162,798; June 20.
Nailing machine. H. E. Twomley. 2,181,634; Nov. 28.
Nailing plug. C. W. Prickett and B. L. Wilcox. 2,171,097; Aug. 29.
Nails, Method and apparatus for treating. C. C. Calvin. 2,162,155; June 13.
Name plate and the like, Ornamental. F. J. Brown. 2,181,044; Nov. 21.
Naphtha. J. M. Whiteley. 2,146,039; Feb. 7.
Naphthalene, Sulphonation of alpha nitro. J. M. Tinker. 2,143,963; Jan. 17.
Naphthalene vapor mixtures for catalytic oxidation, Preparation of. R. Riegler. 2,149,362; Mar. 7.
Naphthas and products thereof, Preparing derivatives of hydroformed. W. J. Sweeney and K. C. Laughlin. 2,184,325; Dec. 26.

Naphthenes, Alkylation of. A. V. Grosse. 2,182,557; Dec. 5.
Naphthindenones. K. Koeberle, W. Rohland, and C. Steigerwald. 2,174,751; Oct. 3.
Napkin and similar article. J. P. J. Scharfenberg. 2,145,139; Jan. 24.
Napkin dispenser. E. C. Morris. 2,153,472; Apr. 4.
Napkin machine, Paper. P. J. Christman. 2,165,786; July 11.
Narrow ware loom. F. W. Preston. 2,175,311; Oct. 10.
Nasal filter device. E. W. Anderson. 2,161,607; June 6.
Nasal inhaler. C. H. and W. Francisco, and L. Brown. 2,168,705; Aug. 8.
Nasal insert. A. Pawelek. 2,151,227; Mar. 21.
Nasal passage filter. G. Kjellsson. 2,162,583; June 13.
Navigating apparatus for instruction purposes. P. E. Köster. 2,164,412; July 4.
Navigating instrument. P. Sordoillet. 2,161,536; June 6.
Navigating instrument for aircraft. P. E. Köster. 2,142,516; Jan. 3.
Navigation and landing system, Air. F. J. Hooven. 2,171,561; Sept. 5.
Navigation instrument. W. C. Wademan. 2,165,690; July 11.
Navigation, Method of and apparatus for. P. V. H. Weems. 2,143,042; Jan. 10.
Navigation apparatus for aircraft. I. Kitroser. 2,153,718; Apr. 11.
Navigational and drafting instrument. L. M. McCluskey. 2,159,562; May 23.
Navigational indicating instrument. D. G. K. Moss. 2,161,077; June 6
Navigational instrument. F. M. Trapnell. 2,179,531; Nov. 14.
Navigational systems. E. J. Simon. 2,170,835; Aug. 29.
Neckband clamp. E. N. Neckel. 2,170,061; Aug. 22.
Necktie. H. A. Clark. 2,151,188; Mar. 21.
Necktie. J. Fallar. 2,184,737; Dec. 26.
Necktie. H. L. Frezel. 2,149,884; Mar. 7.
Necktie. G. W. Leader, Sr. 2,150,861; Mar. 14.
Necktie. M. C. McCurrach. 2,178,893; Nov. 7.
Necktie. J. Natalie. 2,152,417; Mar. 28.
Necktie. F. C. Rehor. 2,179,133; Nov. 7.
Necktie. A. Schreter. 2,142,618; Jan. 3.
Necktie. G. W. Stein. 2,153,650; Apr. 11.
Necktie. C. O. Swanson. 2,169,856; Aug. 15.
Necktie. C. O. Swanson. 2,179,306; Nov. 7.
Necktie. J. Wohl. 2,148,973; Feb. 28.
Necktie, Automatic collar-attaching. O. M. Nichols. 2,153,066; Apr. 4.
Necktie construction. M. C. Ryan. 2,174,011; Sept. 26.
Necktie device. O. Casidy. 2,180,861; Nov. 21.
Necktie holder. F. N. Ashworth. 2,150,351; Mar. 14.
Necktie holder. E. B. Blameuser. 2,158,616; May 16.
Necktie holder. A. V. Miener. 2,176,537; Oct. 17.
Necktie holder. J. J. Nugent. 2,157,623; May 9.
Necktie inserter. D. G. Evans. 2,165,624; July 11.
Necktie knot former or simulator. F. J. Martin. 2,142,322; Jan. 3.
Necktie rack. A. R. Brothers. 2,147,625; Feb. 21.
Necktie rack. G. L. Pilliod and A. O. Judson. 2,167,994; Aug. 1.
Necktie rack. S. C. Waite. 2,179,677; Nov. 14.
Necktie, Self-draping. S. D. Blue. 2,178,029; Oct. 31.
Necktie smoother and stretcher. A. Ries. 2,162,826; June 20.
Necktie with fitting gauge. L. Garfinkle. 2,148,154; Feb. 21.
Neckties, Making. V. Naftali. 2,174,993; Oct. 3.
Neckties, Making hand-made. N. Gold. 2,150,438; Mar. 14.
Neckwear. B. A. Visty. 2,175,711; Oct. 11.
Needle adapter. M. Hurston. 2,153,253; Apr. 4.
Needle bed. R. H. Lawson. 2,157,546; May 9.
Needle butt puller. H. M. Smith. 2,150,253; Mar. 14.
Needle for plating knit fabric. H. N. Sheppard. 2,184,476; Dec. 26.
Needle for woven and knitted goods, Relooping. B. H. Gostkowski. 2,183,716; Dec. 19.
Needle jack pusher. L. Robaczynski. 2,147,923; Feb. 21.
Needle, Knitting. O. Kunzmann. 2,146,079; Feb. 7.
Needle-lubricating mechanism. H. E. Elliott. 2,170,554; Aug. 22.
Needle lubricator. E. Stein. 2,183,659; Dec. 19.
Needle point burner. A. W. Machlet. 2,143,128; Jan. 10.
Needle roll cold reduction mill. E. B. Hudson and R. S. Burns. 2,165,266; July 11.
Needle, Seine. W. Osterback. 2,144,267; Jan. 17.
Needle, Self-threading. O. J. Rainville. 2,178,607; Nov. 7.
Needle threader. A. L. Holland. 2,169,124; Aug. 8.
Needle threader. W. S. Mason. 2,167,080; July 25.
Needle threading device. R. I. Bissell. 2,162,154; June 13.
Needle-threading device. L. H. Surbeck. 2,179,834; Nov. 14.
Needle weaving loom. R. Dewas. 2,151,085; Mar. 21.
Needling machine. E. W. Stone. 2,177,604; Oct. 24.
Negative holder. R. King and E. T. Boaden. 2,154,510; Apr. 18.
Negative impedance circuit. L. C. Peterson. 2,181,909; Dec. 5.
Negatives with variable-density screens, Preparing half-tone. C. E. Meulendyke. 2,150,805; Mar. 14.
Neon advertising sign. W. Van Bain. 2,150,902; Mar. 21.
Neon sign. T. H. Boland and R. C. Arnold. 2,145,967; Feb. 7.
Nest, Bird. H. Novack. 2,165,295; July 11.
Nest for birds, Platform. H. Novack. 2,181,495; Nov. 28.
Nest, Hen. B. A. Grasberger. 2,183,320; Dec. 12.
Nest, Hen's. W. F. Leibenguth. 2,174,326; Sept. 26.
Nest, Hen's. W. W. McCoy. 2,177,576; Oct. 24.
Nest, Poultry. L. Lindenberg. 2,157,490; May 9.
Nest, Poultry. J. Venolia. 2,169,775; Aug. 15.
Nest structure. A. N. Plante. 2,158,831; May 16.
Net, Folding fish landing. C. J. Garrett. 2,160,584; May 30.
Net, Hair. S. Oliner. 2,175,849; Oct. 10.
Network, Attenuation. J. P. Smith, Jr. 2,184,104; Dec. 19.
Network, Attenuating. H. A. Wheeler. 2,182,329; Dec. 5.
Network, Matching. A. Alford. 2,165,086; July 4.
Network, Phase shifting. W. V. Roberts. 2,143,386; Jan. 10.
Network protector, Automatic. J. S. Parsons. 2,162,516; June 13.
Network Transmission modifying. Al Alford. 2,159,648; May 23.
Netting construction. P. T. Pauls. 2,162,115; June 13.
Netting, Transparent. J. S. Tinsley. 2,150,301; Mar. 14.
Neutralizing circuit. D. G. Little. 2,162,535; June 13.
Newspaper assembly. J. E. Sweet, T. R. De Peugh, and H. Parish. 2,169,932; Aug. 15.
Newspaper box. A. S. Kellam. 2,142,901; Jan. 3.
Newspaper tube. W. H. Matthai. 2,172,742; Sept. 12.
Nibbling machine. J. A. Murrian, K. J. Chapman, and W. M. Fulton. 2,182,544; Dec. 5.
Nickel alloy for electrodes. J. H. de Boer and G. B. Jonas. 2,172,967; Sept. 12.
Nickel and nickel alloys and products resulting therefrom, Treatment of. C. G. Bieber. 2,150,094; Mar. 7.
Nickel and nickel alloys, Improving the workability of. L. B. Pfeil. 2,159,048; May 23.
Nickel carbonyl, Process relating to the production of. A. E. Wallis. 2,159,412; May 23.
Nickel-chromium alloys. F. M. Becket and R. Franks. 2,145,020; Jan. 24.
Nickel-copper alloys and products resulting therefrom, Treating. A. E. Kayes. 2,150,095; Mar. 7.
Nickel carbonyl, Preparation of. C. F. R. Harrison and A. E. Wallis. 2,167,112; July 25.
Nickel, Electrodeposition of. E. D. Viers and B. C. Case. 2,183,384; Dec. 12.
Nickel from copper, Separation of. G. Hamprecht and G. Pauckner. 2,180,520; Nov. 21.
Nickel, Rolling of cathode. R. R. Clappier and J. O. McDowell. 2,181,936; Dec. 5.
Nickel surfaces, Brightening. E. E. Lindh. 2,145,518; Jan. 31.
Nicotine from tobacco, Extracting. C. E. McCoy. 2,162,738; June 20.
Niggerhead. H. J. Troche. 2,157,153; May 9.
Nightgown. M. Brandes. 2,164,896; July 4.
Nipple and the like, Nursing. E. I. Kilcup. 2,178,426; Oct. 31.
Nipple, Nursing. B. D. Condon. 2,174,361; Sept. 26.
Nipple, Nursing. R. W. Schulte. 2,143,719; Jan. 10.
Nipple structure. B. H. Kennedy. 2,180,960; Nov. 21.
Nitrate, Producing a. H. A. Beekhuis. 2,181,559; Nov. 28.
Nitrates and chlorinated organic compounds, Production of. M. F. Fogler. 2,174,574; Oct. 3.
Nitrates, Process for the production of. F. O. Agel. 2,148,793; Feb. 28.
Nitrates, Production of alkali metal. H. Pauling. 2,147,988; Feb. 21.
Nitration of the lower alkanes, Vapor phase. J. Martin. 2,153,065; Apr. 4.
Nitrile and process of making, Stabilized organic. R. A. Jacobson. 2,175,805; Oct. 10.
Nitrile-hydrocarbon mixtures by means of amines, Separating. A. W. Ralston and W. O. Pool. 2,145,803; Jan. 31.
Nitrile-hydrocarbon mixtures by means of carboxylic acids, Separating. A. W. Ralston and W. O. Pool. 2,145,802; Jan. 31.
Nitrile-hydrocarbon mixtures by means of phenols, Separating. A. W. Ralston and W. O. Pool. 2,145,804; Jan. 31.
Nitriles and preparing them, Polymerized. A. W. Ralston. 2,175,092; Oct. 3.
Nitriles of the C_2-series and preparing them, Oxygen containing. E. O. Leupold and H. Vollmann. 2,166,600; July 18.
Nitriles, Preparation of unsaturated. D. J. Loder. 2,175,810; Oct. 10.
Nitriles, Producing. O. Nicodemus and O. Wulff. 2,177,619; Oct. 24.
Nitrite salt composition, Stabilized. L. A. Hall. 2,145,417; Jan. 31.
Nitrites and chromates, Alkali. N. A. Laury. 2,166,549; July 18.
Nitrobenzene, Purifying. H. J. McCreary. 2,145,200; Jan. 24.
Nitro-bodies, Reduction of aryl. H. G. Bowlus and W. V. Wirth. 2,175,244; Oct. 10.
Nitrocellulose coating, Process of and apparatus for applying. E. M. Bright. Re. 21,045; Apr. 11.

Nitrocellulose, Preparation of. G. A. Richter. 2,181,911; Dec. 5.
Nitro compounds, Catalytic reduction of. B. M. Vanderbilt. 2,157,391; May 9.
Nitro derivatives of para alkyl suphoxides of diphenylamines. W. Zerweck and H. Ritter. 2,158,648; May 16.
Nitrodyestuff of the azine series. R. Fleischhauer. 2,176,420; Oct. 17.
Nitrogen bases, Manufacture of hydroxyalkylated. P. Schlack. 2,143,388; Jan. 10.
Nitrogen compounds, substituted by the aldehyde group and making same, Partially hydrogenated heterocyclic. N. Roh. 2,158,526; May 16.
Nitrogen-containing compounds, Preparing. A. W. Ralston and W. M. Selby. 2,164,284; June 27.
Nitrogen values to superphosphate, Adding. W. H. Kniskern and L. V. Rohner. 2,149,966; Mar. 7.
Nitroglycerine combination hook. W. A. Thornton. 2,183,435; Dec. 12.
Nitrohydroxy compounds, Hydrogenation of. K. Johnson. 2,157,386; May 9.
Nitromethane, Chlorination of. B. M. Vanderbilt. 2,181,411; Nov. 28.
Nitroparaffins, Hydrogenation of. K. Johnson. 2,174,498; Sept. 26.
Nitroparaffins, Recovery of. H. Kieweg. 2,153,063; Apr. 4.
Nitroso compounds and making them, Heavy metal cyclic. E. F. Rosenblatt. 2,178,809; Nov. 7.
Nitrosoguanidine, Manufacture of. E. B. W. Kerone. 2,146,188; Feb. 7.
Nitrosyl chloride and chlorine, Treatment of mixtures of. H. A. Beekhuis, Jr. 2,150,669; Mar. 14.
No-roll-back device. C. A. Matson. 2,175,061; Oct. 3.
No-roll back mechanism. J. W. Jagersberger. 2,145,008; Jan. 24.
Nodules or pellets, Apparatus for making. T. E. Lloyd. 2,158,513; May 16.
Nodulizing apparatus. K. Middelboe. 2,162,782; June 20.
Noise eliminator. H. M. Grotz. 2,143,313; Jan. 10.
Noise eliminator for lever action of grand pianos. J. Tusty, Sr. 2,176,648; Oct. 17.
Noise in radio receivers, Suppressing. P. M. Haffcke. 2,180,355; Nov. 21.
Noise levels, Measuring short wave. H. O. Peterson. 2,184,754; Dec. 26.
Noise limiter circuit, Automatic. S. W. Seeley. 2,159,822; May 23.
Noise-limiting circuit. S. W. Seeley. 2,171,636; Sept. 5.
Noise recording system, Antiground. G. L. Dimmick. 2,165,787; July 11.
Noise reducing means for cabin aircraft. S. J. Zand. 2,180,843; Nov. 21.
Noise, Reduction of. C. M. Burrill. 2,151,739–40; Mar. 28.
Noise, Reduction of. W. R. Koch. 2,151,773–5; Mar. 28.
Noise, Reduction of W. R. Koch. 2,160,073; May 30.
Noise, Reduction of W. R. Koch. 2,175,270; Oct. 10.
Noise, Reduction of. V. D. Landon. 2,151,778; Mar. 28.
Noise reduction system. W. R. Koch. 2,166,995; July 25.
Noise reduction system. E. O. Selby. 2,166,694; July 18.
Noise suppresser system. P. F. G. Holst and L. R. Kirkwood. 2,149,697; Mar. 7.
Noise suppression. F. J. Hooven and C. G. Seright. 2,172,558; Sept. 12.
Noise suppression circuit, Receiver. B. D. H. Tellegen, J. Peek, G. Hepp, and V. C. Henriquez. 2,151,170; Mar. 21.
Noise suppressor. J. K. Johnson. 2,152,481–2; Mar. 28.
Noise suppressor, Automatic. M. G. Clay. 2,172,922; Sept. 12.
Nonarcing selector switch, High voltage. L. C. Stringer. 2,163,069; June 20.
Noncorrosive electrical connector. C. C. Toiberg and B. A. Koerner. 2,168,250; Aug. 1.
Nondazzle lamp. P. Müller. 2,148,574; Feb. 28.
Nondetonating composition, Gas-producing. J. Taylor. 2,159,234; May 23.
Nonfreeze tip-up. O. P. Eggleston. 2,170,000; Aug. 22.
Nonpulsating pump, Constant flow. W. H. Curtis. 2,165,963; July 11.
Nonrefill bottle valve. G. Cahill. 2,171,683; Sept. 5.
Nonskid chain. G. E. Willey. 2,175,545; Oct. 10.
Nonskid device. D. S. Kennedy. 2,163,493; June 20.
Nonskid device for automobile tires. J. C. Ryan. 2,163,890; June 27.
Nonskidding brake. A. P. Aulicino. 2,183,954; Dec. 19.
Nonspill vent plug. J. L. Woodbridge. 2,185,097–9; Dec. 26.
Noodle making machine. H. C. Mun. 2,165,718; July 11.
Nose-dive rectifying device for airplanes, Automatic. M. M. Weiss and I. Benjamins. 2,167,256; July 25.
Notebook. L. T. von Bussler. 2,171,411; Aug. 29.
Novelty. C. C. Cloud. 2,148,290; Feb. 21.
Novelty, Advertising. A. Gelardin. 2,166,864; July 18.
Novelty, Folding card. A. W. Barbelle. 2,171,533; Sept. 5.
Novelty, Suction cup. S. S. Adams. 2,181,113; Nov. 28.
Novelty, World. L. H. Amdur. 2,175,239; Oct. 10.
Nozzle. R. C. Anderson. 2,176,699; Oct. 17.
Nozzle. W. E. Carson. 2,147,192; Feb. 14.
Nozzle. E. W. Crowley. 2,154,731; Apr. 18.
Nozzle. J. E. Kennedy. 2,164,411; July 4.
Nozzle. R. S. Kennison. 2,147,652; Feb. 21.
Nozzle. C. A. Killmeyer and G. L. Reichhelm. 2,152,057; Mar. 28.
Nozzle and the like, Vacuum sweeper. H. A. Kroenlein. 2,157,077; May 2.
Nozzle attachment, Gasoline hose. C. Hail. 2,146,211; Feb. 7.
Nozzle, Cleaning. H. F. Beeman. 2,143,296; Jan. 10.
Nozzle, Douche. F. Rissinger. 2,157,802; May 9.
Nozzle, Draft arm. M. J. Brown. 2,179,611; Nov. 14.
Nozzle, Elastic fluid turbine. O. Rosenlocher. 2,166,823; July 18.
Nozzle, Fertilizing. D. R. Martin. 2,165,868; July 11.
Nozzle, Flame machining. F. C. Geibig and W. J. Jacobson. 2,148,936; Feb. 28.
Nozzle, Fluid blast. D. C. Drill. 2,151,090; Mar. 21.
Nozzle for arc-welding machine. H. Westberg. 2,179,108; Nov. 7.
Nozzle for cutting blowpipes. T. Zobel and U. Noetzlin. 2,175,160; Oct. 3.
Nozzle for filling machines. R. B. Bagby. 2,147,686; Feb. 21.
Nozzle for fire extinguishing apparatus. W. S. Diehl. 2,145,865; Feb. 7.
Nozzle for flat spraying appliances, Air. E. Gustafsson and H. L. Striegel. 2,152,046; Mar. 28.
Nozzle for fuel tanks, Filling. W. Mainzer. 2,170,722; Aug. 22.
Nozzle for locomotives, Exhaust. F. H. Carroll. 2,182,370; Dec. 5.
Nozzle for sprayers, Duplex. H. E. Brandt. 2,148,726; Feb. 28.
Nozzle for spraying devices. J. C. Plastaras. 2,149,930; Mar. 7
Nozzle for use in the manufacture and production of artificial threads, filaments, and the like. W. H. Stokes. 2,155,338; Apr. 18.
Nozzle for vacuum cleaners. C. A. Brock. Re. 21,256; Nov. 7.
Nozzle, Gasoline filler hose. H. H. Donovan. 2,169,794; Aug. 15.
Nozzle, Injector. A. J. Davidson, Jr. 2,168,668; Aug. 8.
Nozzle, Injector. N. Draper. 2,142,973; Jan. 3.
Nozzle, Multiple flame. R. J. Kehl. 2,181,135; Nov. 28.
Nozzle, Oil burner. P. C. Roth. 2,184,471; Dec. 26.
Nozzle, Refluent ear. J. J. Nowak. 2,169,923; Aug. 15.
Nozzle, Sander. V. L. Frantz. 2,175,151; Oct. 3.
Nozzle, Self-cleaning. W. B. Hodge. 2,179,184; Nov. 7.
Nozzle, Spray. C. H. Carr. 2,161,016; June 6.
Nozzle, Spray. C. L. Gebauer. 2,180,084; Nov. 14.
Nozzle, Spray. L. S. Wilcoxson and F. G. Ely. 2,161,111; June 6.
Nozzle, Spray gun. S. Bramsen and F. W. Wahlin. 2,146,416; Feb. 7.
Nozzle, Suction. G. E. Björkman. 2,181,594; Nov. 28.
Nozzle, Suction. G. Dahl. 2,170,963; Aug. 29.
Nozzle, Suction. E. Edström. 2,142,502; Jan. 3.
Nozzle, Suction. E. Edström. 2,143,845; Jan. 17.
Nozzle, Suction. E. Edström. 2,182,146; Dec. 5.
Nozzle, Suction. A. Eriksson-Jons. 2,142,978; Jan. 3.
Nozzle, Suction. O. Holm-Hansen. 2,173,718; Sept. 19.
Nozzle, Suction. J. F. R. Karlström. 2,159,164; May 23.
Nozzle, Suction. H. T. Lang. 2,178,427; Oct. 31.
Nozzle, Suction. G. E. Lofgren. 2,182,344; Dec. 5.
Nozzle tester, Hydraulic. F. L. Gormley. 2,183,189; Dec. 12.
Nozzle, Vacuum. J. F. H. Fechtenburg. 2,153,457; Apr. 4.
Nozzle, Welding. F. C. Hutchison. 2,184,499; Dec. 26.
Nozzle wiping device. R. R. Quinn. 2,174,214; Sept. 26.
Nozzles, Making spray. J. F. Komar. 2,166,300; July 18.
Nucleotides, Enzymatic manufacture of. P. Ostern. 2,174,475; Sept. 26.
Nursing device. A. M. Kazimirow. 2,150,835; Mar. 14.
Nut. J. P. Burke. 2,164,382; July 4.
Nut and bolt lock. W. E. Isle. 2,183,814; Dec. 19.
Nut and forming same, Clinch. H. G. Renner. 2,170,290; Aug. 22.
Nut and like machine element and method of making. L. A. Young. 2,151,258; Mar. 21.
Nut and making same, Internal hexagonal stop. V. H. Pavlecka. 2,148,959; Feb. 28.
Nut and making the same. W. A. Bergstrom. 2,164,304; July 4.
Nut, Automatic lock. J. Schindel. 2,152,977; Apr. 4.
Nut blanks, Method and machine for making capped. H. Rosenberg. 2,160,087; May 30.
Nut, Clinch-on. J. M. Oldham. 2,146,128; Feb. 7.
Nut, Clinch-on. F. N. Ross. 2,158,989; May 16.
Nut, Clinch-on. A. Werme. 2,176,846; Oct. 17.
Nutcracker. S. B. Lennard. 2,178,375; Oct. 31.
Nutcracker. W. A. Settle. 2,157,501; May 9.
Nut cracking apparatus. J. G. Berneike. 2,175,425; Oct. 10.
Nut cracking machine. M. Glaser. 2,144,841; Jan. 24.
Nut cracking machine. W. A. Walthers. 2,142,769; Jan. 3.
Nut, Deformable self-locking. E. R. Marchou. 2,154,174; Apr. 11.
Nut huller. W. C. Anderson. 2,167,704; Aug. 1.

Nut hulling and washing unit. W. C. Anderson. 2,164,372; July 4.
Nut, Insulated binding. F. C. Lavarack and B. Schlesinger. 2,164,017; June 27.
Nut lock. F. A. Chapman. 2,177,800; Oct. 31.
Nut lock. W. F. Horsch and J. M. Thompson. 2,159,160; May 23.
Nut, Lock. C. G. Olson. 2,149,359; Mar. 7.
Nut lock. L. F. Pierce. 2,157,672; May 9.
Nut lock. W. O. Simpson. 2,180,773; Nov. 21.
Nut-locking arrangement. J. D. Kielland. 2,173,420; Sept. 19.
Nut making machine. W. J. Carney. 2,149,578; Mar. 7.
Nut or screw setting attachment for electric tools. H. H. Kuehne. 2,179,724; Nov. 14.
Nut runner. J. E. Olson and L. A. Amtsberg. 2,160,622; May 30.
Nut, Self-locking. H. B. Thomas. 2,150,194; Mar. 14.
Nut shells, Bleaching. J. A. Armstrong. 2,155,923; Apr. 25.
Nut, Spring. E. J. Witchger. 2,151,255; Mar. 21.
Nut tapping machine. H. Goldberg. 2,166,952; July 25.
Nuts, Apparatus for and process of making. J. A. Fitch. 2,170,473; Aug. 22.
Nuts, Attaching clinch. P. E. Double. 2,183,641; Dec. 19.
Nuts, Making coupling. A. J. Weatherhead, Jr. 2,145,282; Jan. 31.
Nuts, Method and machine for shelling. F. B. and L. D. Romberg. 2,154,412; Apr. 11.
Nuts to metal plates or similar articles or members, Attaching. J. A. Fitch. 2,170,472; Aug. 22.
Nuts, Treating. A. F. Stagmeier. 2,156,406; May 2.
O-Hydroxyazo dyestuffs and their manufacture. A. Conzetti and A. Oulevay. 2,173,410; Sept. 19.
Oar operating mechanism. C. Carlson. 2,167,636; Aug. 1.
Object detecting system. E. Gerhard. 2,177,061; Oct. 24.
Object of irregular surface contour and method, Decoratively covered. G. W. Howlett. 2,149,293; Mar. 7.
Objects, Apparatus for dipping. W. H. Kopitke. 2,159,091; May 23.
Objects, Forming shaped small. C. Pfanstiehl. 2,169,280; Aug. 15.
Objects from powdered materials and the like, Production of patterned. H. Schäfer. 2,170,931; Aug. 29.
Objects from wells, Apparatus for recovering. A. L. Armentrout and C. H. Phillips. 2,154,654; Apr. 18.
Objects, specially applicable to shop windows, Displaying. T. M. Harvey and T. P. Sherwood. 2,149,019; Feb. 28.
Observation device. W. G. Hardt. 2,169,874; Aug. 15.
Observation unit for bees or the like. D. E. O'Beirne 2,170,210; Aug. 22.
Obstetrical receptor pad. R. S. Hirsch. 2,154,332; Apr. 11.
Ocarina. G. A. Mausolf. 2,145,605; Jan. 31.
Octagonal box. W. E. Turner. 2,147,563; Feb. 14.
Odometer. S. Aamot and A. E. Olsen. 2,173,773; Sept. 19.
Odometer, Printing. J. F. Ohmer. 2,160,032; May 30.
Odorizer, Bypass. C. E. Gill. 2,178,519; Oct. 31.
Odorizer for natural gas. W. A. Green and E. Rolle. 2,180,584; Nov. 21.
Odors in cooking, Eliminating. J. J. Hollander. 2,184,671; Dec. 26.
Oestrus-promoting substance from the anterior lobes of the hypophysis and preparing it. W. Ludwig. 2,158,788; May 16.
Off-centering device for lens grinding machines. E. Grasser. 2,183,962; Dec. 19.
Offset in printing, Method and apparatus for preventing. T. E. Knowlton. 2,152,263; Mar. 28.
Offset composition. E. H. Bucy. 2,142,667; Jan. 3.
Offset, Preventing. E. H. Bucy. 2,142,666; Jan. 3.
Oil and gas separator. E. C. Kopp. 2,163,095; June 20.
Oil and gas separator. L. Losure. 2,169,156; Aug. 8.
Oil and lubrication therewith, Lubricating. E. W. Cook. 2,177,561; Oct. 24.
Oil and preparing same, Drying. I. J. Novak. 2,178,604; Nov. 7.
Oil and protecting same, Lubricating. E. W. Fuller. 2,161,566; June 6.
Oil and wax, Separating. V. N. Jenkins. 2,164,013; June 27.
Oil, Apparatus for reclaiming used lubricating. C. E. Holt. 2,174,265; Sept. 26.
Oil, Apparatus for refining. A. S. Harlan, V. S. Crane, and P. R. Honan. 2,153,062; Apr. 4.
Oil, Apparatus for treating. L. A. Holmes. 2,165,703; July 11.
Oil, Apparatus for treating. T. A. La Brecque. 2,161,964; June 13.
Oil as gas, Burning. C. B. Hillhouse. 2,162,432; June 13.
Oil bath rotary. E. E. Greve. 2,171,176; Aug. 29.
Oil burner. E. C. Ballman. 2,162,051; June 13.
Oil burner. E. L. Bauer. 2,165,212; July 11.
Oil burner. A. Behrsin. 2,181,500; Nov. 28.
Oil burner. O. L. Bock. 2,162,571; June 13.
Oil burner. G. A. Boyd. 2,177,053; Oct. 24.
Oil burner. R. A. Campbell. 2,150,909; Mar. 21.
Oil burner. R. F. De Leon. 2,171,916; Sept. 5.
Oil burner. J. A. D'Elia. 2,146,250; Feb. 7.
Oil burner. J. H. Frickie. 2,174,695; Oct. 3.
Oil burner. C. E. Goulding, Sr. 2,154,567; Apr. 18.
Oil burner. A. R. Hoeft. 2,166,065; July 11.
Oil burner. J. H. Jackson. 2,181,186; Nov. 28.
Oil burner. I. G. Jalonack. 2,148,202; Feb. 21.
Oil burner. R. Marogg. 2,143,488; Jan. 10.
Oil burner. C. Merritt. 2,170,480; Aug. 22.
Oil burner. R. E. Moule. 2,175,539; Oct. 10.
Oil burner. A. L. Muren. 2,162,105; June 13.
Oil burner. H. E. Nelson. 2,156,542; May 2.
Oil burner. A. H. Pape. 2,172,772; Sept. 12.
Oil burner. T. H. Smoot. 2,156,405; May 2.
Oil burner. M. Strosk. 2,179,139; Nov. 7.
Oil burner. J. C. De Foe and A. N. Winter. 2,149,115; Feb. 28.
Oil burner. P. Pothier and E. Vigneault. 2,157,265; May 9.
Oil burner. C. A. and A. F. Reif. 2,163,915; June 27.
Oil burner. R. E. and M. Wilcox. 2,159,414; May 23.
Oil-burning air heater. R. L. Spikes. 2,170,735; Aug 22.
Oil burning apparatus. R. W. Beckett. 2,161,220–2; June 6.
Oil burning apparatus. L. Winter. 2,184,967; Dec. 26.
Oil burning apparatus. W. J. Smith and W. W. Slaght. 2,161,437; June 6.
Oil burning furnace. B. P. Thornton. 2,165,162; July 4.
Oil burning furnace. H. S. Woodruff. 2,168,184; Aug. 1.
Oil burning heater. N. J. Sonnier. 2,178,189; Oct. 31.
Oil by using metallic soaps, Refining cracked. M. Mizuta and T. Yoshimura. 2,154,988; Apr. 18.
Oil can, Pressure. C. A. Anderson. 2,169,209; Aug. 15.
Oil case draining and cleaning apparatus. J. H. Rinehart. 2,158,914; May 16.
Oil composition and making, Mineral. O. M. Reiff and D. E. Badertscher. 2,147,547; Feb. 14.
Oil composition, containing arylated metallo-organic inhibitors. R. Rosen. 2,181,914; Dec. 5.
Oil composition, Lubricating. R. H. Gardner. 2,147,155; Feb. 14.
Oil composition, Lubricating. R. Rosen. 2,150,400; Mar. 14.
Oil composition, Lubricating. A. C. Vobach. 2,180,697–9; Nov. 21.
Oil composition, Mineral. H. G. Berger, W. H. James, and D. E. Badertscher. 2,177,923; Oct. 31.
Oil composition, Mineral. R. C. Moran and A. P. Kozacik. 2,151,300; Mar. 21.
Oil composition, Mineral. R. C. Moran, W. H. James, and E. W. Fuller. 2,162,208; June 13.
Oil composition, Parasiticidal spray. A. L. Lyman. 2,166,500; July 18.
Oil composition, Spray. J. R. Allison. 2,162,904; June 20.
Oil compositions, containing sulphurized fatty esters, Refining of. H. G. Smith and T. L. Cantrell. 2,179,064; Nov. 7.
Oil compositions, Drying. W. R. Catlow, Jr., and H. F. Wafefield. 2,152,633; Apr. 4.
Oil compositions, inhibitors therefor, and manufacturing the same, Lubricating. T. L. Cantrell and J. G. Peters. 2,157,479; May 9.
Oil compositions, inhibitors therefor, and manufacturing the same, Lubricating. T. L. Cantrell and J. O. Turner. 2,169,634; Aug. 15.
Oil, Compounded lubricating. G. L. Neely and F. W. Kavanagh. 2,163,622; June 27.
Oil, Compounded mineral. G. L. Neely. 2,144,078; Jan. 17.
Oil, Continuous cracking of hydrocarbon. W. B. D. Penniman. 2,176,655; Oct. 17.
Oil control device. R. W. Johnson. 2,183,815; Dec. 19.
Oil control valve, Electric. R. W. Johnson. 2,145,446; Jan. 31.
Oil controlling mechanism. H. R. Mason. 2,170,725; Aug. 22.
Oil, Controlling the plasticity of hydrogenated glyceride. L. G. Jenness. 2,154,452; Apr. 18.
Oil conversion, Hydrocarbon. J. G. Alther. 2,158,812; May 16.
Oil conversion, Hydrocarbon. J. G. Alther. 2,166,787; July 18.
Oil conversion, Hydrocarbon. J. G. Alther. 2,176,318; Oct. 17.
Oil conversion, Hydrocarbon. C. P. Dubbs. 2,158,962; May 16.
Oil, Conversion of hydrocarbon. R. J. Dearborn. 2,153,241; Apr. 4.
Oil, Conversion of hydrocarbon. J. W. Gray. 2,163,306; June 20.
Oil, Countercurrent treatment of hydrocarbon. O. L. Roberts. 2,151,529; Mar. 21.
Oil, Cracking asphaltic. T. C. Heisig. 2,150,119; Mar. 7.
Oil, Cracking hydrocarbon J. D. Seguy. 2,149,187; Feb. 28.
Oil. Cracking hydrocarbon. V. Stapleton. 2,168,074; Aug. 1.
Oil, Cracking hydrocarbon. S. Tijmstra. 2,160,580; May 30.
Oil, Desulphurizing. U. B. Bray. 2,183,782; Dec. 19.
Oil, Dewaxing. D. E. Carr and M. L. Wade. 2,158,671–2; May 16.
Oil, Dewaxing. L. Dillon and C. E. Swift. 2,151,318; Mar. 21.
Oil, Dewaxing. L. Dillon and C. E. Swift. 2,174,938; Oct. 3.
Oil dewaxing. A. H. Schutte. 2,168,140; Aug. 1.

Oil dewaxing. A. H. Schutte. 2,168,143; Aug. 1.
Oil, Dewaxing hydrocarbon. W. P. Gee. 2,166,891; July 18.
Oil, Dewaxing hydrocarbon. H. H. Gross. 2,161,569; June 6.
Oil, Dewaxing hydrocarbon. E. C. Knowles. 2,164,773; July 4.
Oil, Dewaxing mineral. W. B. Hendrey and E. C. Knowles. 2,150,547; Mar. 14.
Oil, Dewaxing mineral. E. C. Knowles. 2,150,552; Mar. 14.
Oils, Dewaxing of mineral. E. C. Knowles. 2,161,581; June 6.
Oil, Dewaxing wax-bearing mineral. E. C. Knowles. 2,147,579; Feb. 14.
Oil dispensing container. J. I. Kushima. 2,151,604; Mar. 21.
Oil distillates, Stabilized petroleum. J. Faust. 2,160,851; June 6.
Oil, Distillation of mineral. C. F. Slawson. 2,175,817; Oct. 10.
Oil ejector. R. G. Plews. 2,168,493; Aug. 8.
Oil, Emulsifiable. M. T. Flaxman. 2,175,988; Oct. 10.
Oil emulsifier, Spray. A. E. Allum, Jr. 2,159,611; May 23.
Oil emulsifier, Spray. P. R. Jones. 2,177,434; Oct. 24.
Oil emulsions, Apparatus for treating. J. P. Walker. 2,181,686; Nov. 28.
Oil emulsions, Breaking mineral. D. Stryker. 2,175,818; Oct. 10.
Oil emulsions, Separating the constituents of crude. H. Passler. 2,163,804; June 27.
Oil emulsions, Stable phosphorus-containing. F. Draisbach. 2,145,344; Jan. 31.
Oil emulsions, Treating. J. V. Stevens. 2,174,849; Oct. 3.
Oil engine. J. F. Anders. 2,162,473; June 13.
Oil extraction. H. Rosenthal. 2,152,665; Apr. 4.
Oil extraction, Hydrocarbon. S. W. Ferris. 2,157,821; May 9.
Oil extractor. E. Lawrence. 2,154,339; Apr. 11.
Oil-feeding device for gas generators. W. C. Slade. 2,166,849; July 18.
Oil filter. H. D. Crawford. 2,178,930; Nov. 7.
Oil filter. K. E. Fife. 2,154,565; Apr. 18.
Oil filter. C. E. Frudden. 2,179,784; Nov. 14.
Oil filter. R. D. Hill. 2,145,304; Jan. 31.
Oil filter. J. F. Werder. 2,165,826; July 11.
Oil filter. J. W. Wilkinson, W. Morgan, and T. E. Aldham. 2,183,877; Dec. 19.
Oil filtering medium and preparing the same. R. H. Pennebaker. 2,173,978; Sept. 26.
Oil-fired furnace. J. W. Westwick. 2,157,643; May 9.
Oil flow pump. E. Oldham. 2,178,309; Oct. 31.
Oil, Flushing. R. P. Russell. 2,160,911; June 6.
Oil for motor fuel, Refining benzol light. A. L. Tannehill. 2,150,084; Mar. 7.
Oil fractions, Treating lubricating. C. R. Wagner. 2,165,949; July 11.
Oil from citrus fruits, Method of and apparatus for extracting rind. J. Mills. 2,151,710; Mar. 28.
Oil from oil sands, Extracting. A. M. Whitney. 2,148,717; Feb. 28.
Oil from refrigerating systems, Removal of. B. D. Miller. 2,149,358; Mar. 7.
Oil from still residues, Distillate. W. H. Carmody. 2,149,577; Mar. 7.
Oil from water contaminated therewith, Device for separating. E. W. Green and G. R. Unthank. 2,175,563; Oct. 10.
Oil from wells, Taking. C. L. A. Todd. 2,184,784; Dec. 26.
Oil, Fuel. M. Pier and E. Donath. 2,165,940; July 11.
Oil, gas, and water emulsions, Treatment of. J. P. Walker. 2,181,685; Nov. 28.
Oil, gas, and water emulsions, Treatment of. J. P. Walker. 2,181,688; Nov. 28.
Oil, gas, and water separator. J. P. Walker. 2,181,687; Nov. 28.
Oil grooving machine. A. F. Fischer. 2,157,484; May 9.
Oil heater. W. R. Brison. 2,148,743; Feb. 28.
Oil heater. M. Horns. 2,183,812; Dec. 19.
Oil heater, Circulating. R. Hoffman. 2,179,041; Nov. 7.
Oil heater, Direct fired. C. S. Reed and V. W. Smith. 2,147,609; Feb. 14.
Oil, Improving the resistance of a mineral. A. J. van Peski. 2,184,944; Dec. 26.
Oil in propane solution, Refining petroleum. C. P. McNeil. 2,177,734; Oct. 31.
Oil in vapor phase, Method of and apparatus for superheating. F. H. Praeger and T. B. Leech. 2,174,893; Oct. 3.
Oil, Increasing the drying properties of. M. R. Coe. 2,165,130; July 4.
Oil indicator. S. B. Wilson. 2,176,618; Oct. 17.
Oil, Lubricating. U. B. Bray. 2,183,783; Dec. 19.
Oil, Lubricating. A. B. Brown and F. F. Diwoky. 2,171,646; Sept. 5.
Oil, Lubricating. R. C. Cantelo. 2,171,781; Sept. 5.
Oil, Lubricating. J. Cole. 2,183,009; Dec. 12.
Oil, Lubricating. M. A. Dietrich. 2,150,156; Mar. 14.
Oil, Lubricating. E. A. Evans. 2,164,393; July 4.
Oil, Lubricating. A. Henriksen and B. H. Lincoln. 2,172,382; Sept. 12.
Oil, Lubricating. W. H. James, R. C. Moran, and W. L. Evars. 2,146,543; Feb. 7.
Oil, Lubricating. B. H. Lincoln. 2,154,628; Apr. 18.
Oil, Lubricating. B. H. Lincoln and G. D. Byrkit. 2,150,177; Mar. 14.
Oil, Lubricating. B. H. Lincoln and G. D. Byrkit. 2,157,079; May 2.
Oil, Lubricating. B. H. Lincoln and W. L. Steiner. 2,178,534; Oct. 31.
Oil, Lubricating. B. H. Lincoln, W. L. Steiner, and A. Hendriksen. 2,180,008; Nov. 14.
Oil, Lubricating. C. M. Loane. 2,154.096–7; Apr. 11.
Oil, Lubricating. L. J. McKone and W. E. Lyons. 2,149,856; Mar. 7.
Oil, Lubricating. R. C. Moran and W. H. James. 2,162,207; June 13.
Oil, Lubricating. C. C. Towne. 2,158,389; May 16.
Oil, Lubricating. W. E. Townsend and R. O. Maxwell. 2,144,469; Jan. 17.
Oil, Lubricating. R. S. Vose. 2,169,545; Aug. 15.
Oil, Manufacture of lubricating. F. X. Govers. 2,158,360–1; May 16.
Oil, Manufacture of sulphurized sperm. H. G. Smith. 2,179,066; Nov. 7.
Oil, Mechanism for atomizing fuel. C. F. Shade. 2,175,856; Oct. 10.
Oil, Method and apparatus for the refining of viscous hydrocarbon. G. R. Bond, Jr. 2,154,434; Apr. 18.
Oil, Method and apparatus for water-drive production of mineral. C. R. Wagner and R. H. Carr. 2,152,779; Apr. 4.
Oil, Mineral. B. Buxbaum. 2,151,585; Mar. 21.
Oil, Motor lubricating. L. J. McKone and W. E. Lyons. 2,161,184; June 6.
Oil or fat containing substances and the like, Extracting. J. Reichert. 2,158,427; May 16.
Oil pilot device. K. S. Jenson. 2,162,844; June 20.
Oil, Polymerization of drying. S. Caplan. 2,176,058; Oct. 17.
Oil, Polymerized fatty. P. K. Frolich and J. I. Wasson. 2,150,370; Mar. 14.
Oil polymers, Stabilizing fatty. E. Eichwald. 2,160,572; May 30.
Oil, Preparing an emulsifiable. W. H. Hampton and N. N. Gay. 2,144,260; Jan. 17.
Oil, Preparing compounded lubricating. J. T. Rutherford and H. A. Francis. 2,144,855; Jan. 24.
Oil, Process and apparatus for cracking. C. E. Beatie. 2,149,828; Mar. 7.
Oil, Process and apparatus for distilling. H. L. Doherty. 2,164,132; June 27.
Oil, Process and apparatus for treating. H. C. Eddy. 2,182,145; Dec. 5.
Oil, Producing an improved lubricating. J. G. Butz and L. N. Leum. 2,176,884; Oct. 24.
Oil, Producing lubricating. L. D. Fulton and J. M. Hinman. 2,144,652; Jan. 24.
Oil product and making, Mineral. O. M. Reiff. 2,147,545–6; Feb. 14.
Oil product, Hydrogenated. L. G. Jenness. 2,164,291; June 27.
Oil product, Vegetable. C. H. Haurand, R. H. Neal, and H. W. Vahlteich. 2,167,113; July 25.
Oil, Production of high quality lubricating. W. Haag, G. Hofmann, and H. Zorn. 2,165,372; July 11.
Oil pumping apparatus. B. Olsson. 2,173,562; Sept. 19.
Oil pumping method. L. W. Parker. 2,148,131; Feb. 21.
Oil, Purification of tall. E. M. Frankel and A. Pollak. 2,143,345; Jan. 10.
Oil purifying device. J. E. Hurn. 2,168,124; Aug. 1.
Oil purifying system. R. C. Osterstrom. Re. 21,299; Dec. 12.
Oil refining. W. H. Bahlke and F. W. Scheineman. 2,145,852; Feb. 7.
Oil, Refining. S. E. Campbell. 2,179,008; Nov. 7.
Oil, Refining. B. Clayton. 2,157,069; May 2.
Oil refining apparatus. H. A. Meissner. 2,163,150; June 20.
Oil-refining apparatus. J. A. Niedens. 2,173,631; Sept. 19.
Oil, Refining hydrocarbon. R. E. Manley. 2,165,638; July 11.
Oil refining process. H. Rostin and K. Schuster. 2,171,009; Aug. 29.
Oil refining process. C. W. Woodworth. 2,166,193; July 18.
Oil refining system. W. T. Hancock. 2,158,365; May 16.
Oil removal unit, Power. E. L. Wood. 2,153,878; Apr. 11.
Oil removal unit, Power. E. L. Wood. 2,175,624; Oct. 10.
Oil remover, Swivel joint hard. B. Nay. 2,145,190; Jan. 24.
Oil resistant composition. W. H. Butler. 2,183,234; Dec. 12.
Oil retainer. W. B. D. Penniman. 2,157,626; May 9.
Oil return device for ammonia systems. R. H. Swart. 2,171,814; Sept. 5.
Oil ring. R. J. Marvin. 2,154,342; Apr. 11.
Oil sampler. T. L. Renfro. 2,158,803; May 16.
Oil sands, Method of and apparatus for stripping. H. W. Hixon. 2173.556; Sept. 19.
Oil saver. J. R. Davidson. 2,144,403; Jan. 17.
Oil saver, High pressure tubing. S. A. Guiberson, III, and A. Pranger. 2,174,366; Sept. 26.

Oil saver, Tubing. J. E. Shaffer. 2,163,327; June 20.
Oil, Soluble. M. T. Flaxman. 2,145,239; Jan. 31.
Oil solutions, Polymerization and cracking of hydrocarbon gas-mineral. P. A. Maschwitz. 2,177,146; Oct. 24.
Oil, Solvent refining and dewaxing hydrocarbon. W. B. Hendrey. 2,161,572; June 6.
Oil, Solvent refining hydrocarbon. L. P. Evans. 2,155,644; Apr. 25.
Oil, Solvent refining hydrocarbon. B. Y. McCarty and H. H. Gross. 2,164,777; July 4.
Oil, Solvent refining mineral. F. W. Hall. 2,166,005; July 11.
Oil, Solvent refining of. W. P. Gee and M. Neuhaus. 2,161,567; June 6.
Oil, Solvent refining of hydrocarbon. F. X. Govers. 2,164,769; July 4.
Oil, Solvent refining of mineral. L. A. Clarke and E. C. Knowles. 2,145,828–9; Jan. 3.
Oil, Spray. U. B. Bray. 2,183,781; Dec. 19.
Oil, Stabilized mineral. E. W. Cook. 2,167,273; July 25.
Oil, Stabilized mineral. R. C. Moran and E. W. Fuller. 2,161,585; June 6.
Oil, Stable blended. P. J. Wiezevich and J. I. Wasson. 2,165,324; July 11.
Oil, Sulphur cutting. G. Kaufman. 2,167,439; July 25.
Oil, Sulphurized. B. H. Lincoln and W. L. Steiner. 2,172,285; Sept. 5.
Oil, Sulphurized cutting. W. H. Kobbé. 2,178,325; Oct. 31.
Oil, Sulphurized lubricating. M. B. Chittick. 2,181,964; Dec. 5.
Oil switch. H. Milliken. 2,144,414; Jan. 17.
Oil switch. J. H. Starr. 2,145,140; Jan. 24.
Oil tank cleaner. J. F. Jacobs. 2,143,441; Jan. 10.
Oil temperature regulating device. F. M. Young and E. Witzel. 2,159,468; May 23.
Oil testing apparatus. C. C. Curtis. 2,171,026; Aug. 29.
Oil testing apparatus. B. E. Sibley. 2,177,293; Oct. 24.
Oil thief and sampler. W. L. Walker. 2,174,100; Sept. 26.
Oil, Treating. T. F. McCormick and A. Lazar. 2,183,968; Dec. 19.
Oil, Treating. J. W. Orelup. 2,147,713; Feb. 21.
Oil, Treating crude. W. W. G. Ledbetter. 2,162,281; June 13.
Oil, Treating hydrocarbon. R. J. Dearborn. 2,161,247; June 6.
Oil, Treating hydrocarbon. P. C. Keith, Jr. 2,174,858; Oct. 3.
Oil, Treating hydrocarbon. W. A. Schulze. 2,163,312; June 20.
Oil, Treating hydrocarbon. C. W. Watson. 2,170,169; Aug. 22.
Oil treating process. H. Rosenthal. 2,152,664; Apr. 4.
Oil treating process. M. H. Tuttle. 2,149,322; Mar. 7.
Oil treatment, Hydrocarbon. S. W. Ferris. 2,151,592; Mar. 21.
Oil, Treatment of hydrocarbon. P. C. Keith, Jr. 2,143,949; Jan. 17.
Oil, Treatment of oleo. H. S. Mitchell. 2,163,912; June 27.
Oil, Treatment of tung. W. J. Harper. 2,152,642; Apr. 4.
Oil, Tree spray. J. A. Anderson. 2,155,630; Apr. 25.
Oil vapor filter. F. Kraissl, Jr. 2,144,681; Jan. 24.
Oil, water, and gas emulsions, Treatment of. J. P. Walker. 2,181,683; Nov. 28.
Oil well apparatus. J. D. Pace. 2,182,545; Dec. 5.
Oil well device. C. C. Taylor. 2,156,709; May 2.
Oil well pump. R. J. Howard. 2,172,101; Sept. 5.
Oil well pump. C. T. McCoy and D. M. Hammett. 2,180,158; Nov. 14.
Oil well pump. R. C. Williams. 2,181,774; Nov. 28.
Oil well pumping mechanism. C. G. Boone. 2,171,287; Aug. 29.
Oil well rig. L. M. York. 2,168,837; Aug. 8.
Oil well tool. J. E. Brantly. 2,159,249; May 23.
Oil wells, Determining fluid density, fluid pressure, and the production capacity of. C. P. Walker. 2,161,733; June 6.
Oil Wells, Process and apparatus for cementing. P. S. Pustmueller. 2,160,228; May 30.
Oil wiping machine. A. Hormel. 2,149,964; Mar. 7.
Oil with mixed solvents, Refining of hydrocarbon. J. W. Weir. 2,179,909; Nov. 14.
Oiler. F. Haacke. 2,145,349; Jan. 31.
Oiler, O. H. Jung, and P. E. Heffelfinger. 2,165,634; July 11.
Oiler, Antifriction bearing. J. L. Brown. 2,179,321; Nov. 7.
Oiling attachment for saws. H. Gourley. 2,164,238; June 27.
Oiler, Automatic. M. W. Goldberg. 2,167,451; July 25.
Oiler for testing visible contents, Hand. C. A. Killmeyer. 2,165,860; July 11.
Oiler, Leader pin. E. A. Baumbach. 2,181,360; Nov. 28.
Oiler, Pump-type. R. W. Shoemaker. 2,166,645; July 18.
Oiler, Wheel flange. S. E. Bates and E. Overmier. 2,145,067; Jan. 24.
Oiling device. B. F. Shepherd. 2,172,092; Sept. 5.
Oiling device for filter units. H. J. McDevitt. 2,179,473; Nov. 7.
Oiling mechanism for spinning frames and the like. S. Lund. 2,148,274; Feb. 21.
Oiling system. H. E. Brooks. 2,155,005; Apr. 18.
Oiling system. E. O. Schjolin. 2,182,948; Dec. 12.
Oilless bearing. A. N. Porter. 2,152,387; Mar. 28.
Oils and derivatives, Refining hydrocarbon. E. A. Ocon. 2,154,820; Apr. 18.
Oils and fats, Bleaching. W. M. Urbain and L. B. Jensen. 2,158,163; May 16.
Oils and fats, Hydrolizing. G. W. Eisenlohr. 2,154,835; Apr. 18.
Oils and gases, Conversion of hydrocarbon. L. G. Story. 2,149,800; Mar. 7.
Oils and gases, Conversion of hydrogen. W. E. Kuhn. 2,164,293; June 27.
Oils and gases, Treatment of hydrocarbon. C. G. Gerhold. 2,184,096; Dec. 19.
Oils and other liquids by gaseous pressure, Apparatus for raising natural. N. F. Brown. 2,162,418; June 13.
Oils and product obtained thereby, Treating vegetable. B. H. Thurman. 2,150,732; Mar. 14.
Oils and products obtained therefrom, Treatment of vitamin-containing. H. I. Waterman, C. van Vlodrop, and J. A. van Dijk. 2,143,587; Jan. 10.
Oils and products thereof, Voltolization of mineral. P. J. Wiezevich. 2,178,769; Nov. 7.
Oils and products thereof, Voltolized. R. P. Russell. 2,170,665; Aug. 22.
Oils and the like, Making sulphurized sperm. H. G. Smith and T. L. Cantrell. 2,179,063; Nov. 7.
Oils and varnishes, Cooking of drying. H. V. A. Briscoe. 2,166,539; July 18.
Oils, Apparatus and process for flashing mineral. M. R. Fenske and W. B. McCluer. 2,183,094; Dec. 12.
Oils, Apparatus for distilling petroleum. J. E. Schulze. 2,166,374; July 18.
Oils, Apparatus for treating mineral. M. R. Fenske and W. B. McCluer. 2,147,786; Feb. 21.
Oils, Beneficiation of. J. M. Musselman and H. P. Lankelma. 2,175,548; Oct. 10.
Oils by means of esters, Refining hydrocarbon. E. Terres, E. Saegebarth, and J. Moos. 2,145,185; Jan. 24.
Oils by means of fluorinated aliphatic hydrocarbon compounds, Refining mineral. E. Terres, J. Moos, and H. Ramser. 2,162,682; June 13.
Oils by means of halogen compounds, Refining hydrocarbon. E. Terres, J. Moos, and E. Saegebarth. 2,161,753; June 6.
Oils by means of organic oxides, Refining hydrocarbon. E. Terres, J. Moos, and E. Saegebarth. 2,174,765; Oct. 3.
Oils, Coking of hydrocarbon. J. G. Alther. 2,179,080; Nov. 7.
Oils containing vitamins, Vacuum distillation of. K. C. D. Hickman. 2,180,356; Nov. 21.
Oils, Conversion and coking of hydrocarbon. J. D. Seguy. 2,182,599; Dec. 5.
Oils, Conversion of hydrocarbon. J. G. Alther. 2,158,811; May 16.
Oils, Conversion of hydrocarbon. J. G. Alther. 2,179,079; Nov. 7.
Oils, Conversion of hydrocarbon. C. H. Angell. 2,144,826; Jan. 24.
Oils, Conversion of hydrocarbon. C. H. Angell. 2,151,827; Mar. 28.
Oils, Conversion of hydrocarbon. C. H. Angell. 2,176,320; Oct. 17.
Oils, Conversion of hydrocarbon. J. B. Heid. 2,167,507; July 25.
Oils, Conversion of hydrocarbon. L. C. Huff. Re. 21,066; May 2.
Oils, Conversion of hydrocarbon. L. C. Huff. 2,144,803; Jan. 24.
Oils, Conversion of hydrocarbon. L. C. Huff. 2,146,504; Feb. 7.
Oils, Conversion of hydrocarbon. L. C. Huff. 2,175,397; Oct. 10.
Oils, Conversion of hydrocarbon. B. L. Kramer. 2,170,333; Aug. 22.
Oils, Conversion of hydrocarbon. L. A. Mekler. 2,152,905; Apr. 4.
Oils, Conversion of hydrocarbon. J. C. Morrell. 2,143,894; Jan. 17.
Oils, Conversion of hydrocarbon. J. C. Morrell. 2,149,860; Mar. 7.
Oils, Conversion of hydrocarbon. J. C. Morrell. 2,166,820; July 18.
Oils, Conversion of hydrocarbon. C. W. Nofsinger. 2,152,147; Mar. 28.
Oils, Conversion of hydrocarbon. J. D. Seguy. 2,152,927; Apr. 4.
Oils, Converting hydrocarbon. F. W. Sullivan, Jr. 2,166,933; July 25.
Oils, Conversion of hydrocarbon. K. Swartwood. 2,144,819; Jan. 24.
Oils, Conversion of hydrocarbon. K. Swartwood. 2,158,840; May 16.
Oils, Conversion of hydrocarbon. K. Swartwood. 2,166,829; July 18.
Oils, Cracking. W. K. Holmes. 2,158,504; May 16.
Oils, Cracking heavy hydrocarbon. L. D. Forward. 2,144,488; Jan. 17.
Oils, Cracking hydrocarbon. L. C. Kemp. 2,160,872; June 6.
Oils, Cracking hydrocarbon. W. E. Kuhn. 2,160,875; June 6.

Oils, Cracking hydrocarbon. E. F. Nelson. 2,142,675; Jan. 3.
Oils, Cracking hydrocarbon. P. J. Sweeny. 2,165,587; July 11.
Oils, Cracking mineral. H. M. Corrough. 2,159,502; May 23.
Oils, Cracking residual. W. K. Lewis. 2,144,245; Jan. 17.
Oils, Deasphalting and dewaxing hydrocarbon. M. B. Cooke and E. Petty. 2,154,493; Apr. 18.
Oils, Decolorizing. E. W. Rembert. 2,183,590; Dec. 19.
Oils, Desulphurizing mineral. D. S. McKittrick. 2,162,963; June 20.
Oils, Dewaxing hydrocarbon. L. D. Jones. 2,172,320; Sept. 5.
Oils, Dewaxing mineral hydrocarbon. A. Schaafsma and J. M. Versteeg. 2,170,508; Aug. 22.
Oils, Dewaxing of mineral. L. W. Cook. 2,181,638; Nov. 28.
Oils, Dewaxing of petroleum. R. A. Halloran and A. L. Lyman. 2,150,501; Mar. 14.
Oils, Dewaxing petroleum. L. G. Story. 2,178,328; Oct. 31.
Oils, Distilling. R. E. Humphreys. Re. 21,095; May 23.
Oils, Distilling. W. W. Kraft. 2,149,058; Feb. 28.
Oils, Distilling. N. K. Rector. 2,164,593; July 4.
Oils, Extracting animal. H. Rosenthal. 2,152,667; Apr. 4.
Oils, Extracting ethereal. W. R. van Wijk and W. J. D. van Dijck. 2,154,713; Apr. 18.
Oils, fats, and other soluble constituents from materials containing the same, Process and apparatus for extraction of. M. Bonotto. 2,156,236; Apr. 25.
Oils, Fermentation process for treating crude ethereal. W. Ekhard. 2,184,637; Dec. 26.
Oils for use in paint and the like, Preparation of mineral. A. B. Ruddle. 2,178,705; Nov. 7.
Oils, Fractionating hydrocarbon. G. W. Nederbragt. 2,180,763; Nov. 21.
Oils, Fractionating hydrocarbon. W. R. van Wijk, W. J. D. van Dijck, and A. J. C. Bart. 2,173,460; Sept. 19.
Oils, Fractionating mineral. B. S. Greensfelder and M. E. Spaght. 2,160,573; May 30.
Oils, Fungicidal. E. F. English and A. Voorhies, Jr. 2,174,258; Sept. 26.
Oils, Herbicidal. J. P. Warner and A. Voorhies, Jr. 2,160,929; June 6.
Oils, Hydrogenating hydrocarbon. E. W. Stevens. 2,185,070; Dec. 26.
Oils, Hydrogenation of hydrocarbon. V. Ipatieff and V. Komarewsky. 2,145,657; Jan. 31.
Oils, Improving drying properties of. T. S. Hodgins. 2,167,206; July 25.
Oils, Improving synthetic hydrocarbon. J. A. Tilton and R. W. Richardson. 2,161,987; June 13.
Oils in the operation of iron blast furnaces, Utilizing fuel. M. W. Ditto. 2,175,517; Oct. 10.
Oils in vapor phase, Cracking. P. C. Keith, Jr. 2,143,917; Jan. 17.
Oils, Inhibited motor. R. Rosen. 2,158,668; May 16.
Oils into gasoline, Conversion of hydrocarbon. R. F. Ruthruff. 2,160,286; May 30.
Oils, Lubricating. B. H. Lincoln and G. D. Byrkit. 2,157,078; May 2.
Oils, Lubricating. B. H. Lincoln and A. Henriksen. 2,157,134; May 9.
Oils, Lubricating. R. Rosen and R. M. Thomas. 2,153,973; Apr. 11.
Oils, Lubricating. B. H. Shoemaker and C. M. Loane. 2,169,185; Aug. 8.
Oils, Maintaining dielectric stability of insulating. L. J. Berberich. 2,176,952; Oct. 24.
Oils, Manufacture of low boiling hydrocarbons. L. G. Story. 2,178,329; Oct. 31.
Oils, Manufacture of polymerized drying. E. W. Fawcett, R. O. Gibson, and M. W. Perrin. 2,155,009; Apr. 18.
Oils, Method and apparatus for heating. C. M. Alexander. 2,177,296; Oct. 24.
Oils, Method of and apparatus for extracting constituents of mineral. E. M. Dons, O. G. Mauro, and D. B. Mapes. 2,144,797; Jan. 24.
Oils, Method of and apparatus for testing lubricating. H. L. Thwaites. 2,174,021; Sept. 26.
Oils, Neutralization of acid. M. T. Kendall. 2,161,580; June 6.
Oils of high viscosity index and making the same. J. M. Whiteley. 2,165,432; July 11.
Oils, Preparing lubricating. C. R. Wagner and W. A. Raine. 2,155,745; Apr. 25.
Oils, Process for dewaxing mineral. M. R. Fenske. 2,176,623; Oct. 17.
Oils, Processing hydrocarbon. M. H. Arveson. 2,160,814; June 6.
Oils, Processing hydrocarbon. J. K. Roberts, J. H. Forrester, and R. J. Diwoky. 2,175,362; Oct. 10.
Oils, Processing hydrocarbon. P. J. Wiezevich. 2,176,234; Oct. 17.
Oils, Producing high saturation. F. P. Vickery. 2,149,752; Mar. 7.
Oils, Producing lubricating. H. Goethel and H. Tramm. 2,172,441; Sept. 12.
Oils, Production of lubricating. G. Hofmann, W. Haag, and H. Zorn. 2,165,373; July 11.
Oils, Purification of hardwood. L. J. Figg, Jr. 2,180,001; Nov. 14.
Oils, Purifying. G. J. Strezynski. 2,147,723; Feb. 21.
Oils, Purifying animal and vegetable. D. I. Ashworth. 2,157,882; May 9.
Oils, Purifying mercaptan. J. A. Campbell, Jr., and T. M. Phillips. 2,143,405; Jan. 10.
Oils, Reclaiming mineral. W. Schrauth. 2,163,563; June 20.
Oils, Reconstructing glyceride. G. Barsky. 2,182,332; Dec. 5.
Oils, Recovery of essential. C. D. Barnes and W. A. S. Wright. 2,158,670; May 16.
Oils, Recovery of solvents from hydrocarbon. E. R. Brownscombe and S. W. Ferris. 2,167,632; Aug. 1.
Oils, Refining. O. H. Milmore. 2,166,502–3; July 18.
Oils, Refining animal and vegetable. B. Clayton, W. B. Kerrick, H. M. Stadt, and B. H. Thurman. 2,182,755; Dec. 5.
Oils, Refining glyceride-type. B. H. Thurman. 2,150,733; Mar. 14.
Oils, Refining hydrocarbon. B. S. Greensfelder and M. E. Spaght. 2,162,195; June 13.
Oils, Refining hydrocarbon. E. Terres, J. Moos, and E. Saegebarth. 2,178,515; Oct. 31.
Oils, Refining lubricating. F. W. Breth. 2,170,628; Aug. 22.
Oils, Refining mineral. A. P. Anderson. 2,143,531; Jan. 10.
Oils, Refining mineral. E. R. Lederer and G. M. Pfau. 2,142,359; Jan. 3.
Oils, Refining mineral. E. Terres, E. Saegebarth, J. Moos, and H. Ramser. 2,163,564; June 20.
Oils, Refining of. A. W. Francis. 2,142,939; Jan. 3.
Oils, Refining petroleum. L. Liberthson. 2,143,890; Jan. 17.
Oils, Refining vegetable and animal. O. E. Fröding. 2,181,563; Nov. 28.
Oils, Removing gum-forming and color-imparting bodies from cracked unsaturated hydrocarbon. R. C. Osterstrom. 2,180,324; Nov. 14.
Oils rich in sulphur content, Sulphonated mineral. E. A. Wernicke. 2,172,149; Sept. 5.
Oils, Soluble. D. R. Merrill. 2,158,374; May 16.
Oils, Solvent extraction of hydrocarbon. O. S. Pokorny and G. W. Gurd. 2,176,746; Oct. 17.
Oils, Solvent extraction of lubricating. C. L. Read. 2,148,710; Feb. 28.
Oils, Solvent extraction of lubricating. A. Schlageter. 2,184,961; Dec. 26.
Oils, Solvent extraction of waxy. A. B. Brown. 2,149,574; Mar. 7.
Oils, Solvent refining and dewaxing of. J. W. Weir. 2,154,190; Apr. 11.
Oils, Solvent treatment of. J. W. Weir. 2,154,189; Apr. 11.
Oils, Sulphur. H. F. Merriam and G. W. Cupit, Jr. 2,156,919; May 2.
Oils, Sweetening hydrocarbon. E. D. Sutton. 2,157,223; May 9.
Oils, Sweetening of hydrocarbon. G. H. von Fuchs and L. E. Border. 2,149,035; Feb. 28.
Oils, Sweetening of hydrocarbon. G. H. von Fuchs and L. E. Border. 2,174,810; Oct. 3.
Oils, Thickening unsaturated. R. W. Richardson. 2,167,726; Aug. 1.
Oils, Treating. S. E. Campbell. 2,158,690; May 16.
Oils, Treating. D. L. Hooker and C. M. Fabian. 2,184,838; Dec. 26.
Oils, Treating. H. D. Noll. 2,142,525; Jan. 3.
Oils, Treating. H. D. Noll. 2,168,875; Aug. 8.
Oils, Treating fatty. O. M. Behr. 2,166,103; July 18.
Oils, Treating hydrocarbon. B. P. Crittenden. 2,151,691; Mar. 28.
Oils, Treating hydrocarbon. H. E. Drennan. 2,160,249; May 30.
Oils, Treating hydrocarbon. H. E. Drennan. 2,181,877; Dec. 5.
Oils, Treating hydrocarbon. J. W. Gray and J. S. Walton. 2,178,834; Nov. 7.
Oils, Treating hydrocarbon. H. C. Schutt. 2,168,610; Aug. 8.
Oils, Treating lubricating. G. L. Parkhurst. 2,142,916; Jan. 3.
Oils, Treating marine. W. Hassard. 2,160,861; June 6.
Oils, Treating mineral. M. R. Cannon. 2,168,666; Aug. 8.
Oils, Treating mineral. M. R. Fenske and W. B. McCluer. 2,176,396; Oct. 17.
Oils, Treating mineral. W. B. McCluer and M. R. Fenske. 2,149,531; Mar. 7.
Oils, Treating mineral. W. B. McCluer and M. R. Fenske. 2,159,444; May 23.
Oils, Treating mineral. C. Skrepinsky. 2,170,620; Aug. 22.
Oils, Treatment of hydrocarbon. C. H. Angell. 2,184,069; Dec. 19.
Oils, Treatment of hydrocarbon. H. C. Dieserud. 2,175,180; Oct. 10.
Oils, Treatment of hydrocarbon. B. J. Flock and E. F. Nelson. 2,163,275; June 20.
Oils, Treatment of hydrocarbon. E. P. King. 2,166,160; July 18.

Oils, Treatment of hydrocarbon. J. W. McCaffrey. 2,149,854; Mar. 7.
Oils, Treatment of hydrocarbon. J C. Morrell. 2,170,336; Aug. 22.
Oils, Treatment of hydrocarbon. W. A. Schulze. 2,167,602; July 25.
Oils, Treatment of hydrocarbon. J. D. Seguy. 2,167,531; July 25.
Oils, Treatment of hydrocarbon. V. Stapleton. 2,185,041; Dec. 26.
Oils, Treatment of residual. W. H. Carmody. 2,143,474; Jan. 10.
Oils, Vacuum steam distillation of heavy. E. G. Ragatz. 2,158,425; May 16.
Oils with esters of phenols, Treating hydrocarbon. O. S. Pokorny. 2,146,650; Feb. 7.
Oils with light hydrocarbons, Treatment of heavy hydrocarbon. J. M. Whiteley and G. A. Beiswenger. 2,148,716; Feb. 28.
Oils with propane, Refining lubricating. H. O. Forrest and L. Van Horn. 2,143,872; Jan. 17.
Oily to resinous condensation product and preparing them. A. Weihe. 2,171,965; Sept. 5.
Ointment, Anesthetic. E. T. Tisza. 2,142,537; Jan. 3.
Ointment, Drying. R. Beutner. 2,184,575; Dec. 26.
Olefin hydration products, Production of. F. A. Bent. 2,148,288; Feb. 21.
Olefin oxides from gaseous mixtures, Recovery of. F. R. Balcar. 2,169,210; Aug. 15.
Olefin oxides, Production of. R. M. Carter. 2,177,361; Oct. 24.
Olefin oxides, Production of. K. Metzger and L. Andrussow. 2,178,454; Oct. 31.
Olefin polymer, Oxidized chlorinated. W. J. Sparks and C. W. Muessig. 2,181,158; Nov. 28.
Olefin polymerization. F. M. Archibald. 2,171,250; Aug. 29.
Olefin polymerization. H. L. Gerhart and M. H. Arveson. 2,148,116; Feb. 21.
Olefin polymerization. H. L. Gerhart and C. M. Hull. 2,148,115; Feb. 21.
Olefin polymers, Hyrogenation of. E. D. Pyzel. 2,147,268; Feb. 14.
Olefin polymers, Vapor phase hydrogenation of. J. D. Ruys and E. D. Pyzel. 2,184,930; Dec. 26.
Olefin-sulphur dioxide reaction products. C. S. Marvel and D. S. Frederick. 2,169,363–4; Aug. 15.
Olefine interpolymerization process. W. P. Gage. 2,171,928; Sept. 5.
Olefine oxidation and catalyst therefor. G. H. Law. 2,142,948; Jan. 3.
Olefine oxides and of catalysts for use in such production, Production of. J. Françon. 2,143,371; Jan. 10.
Olefines, Esterification of. W. A. Lazier. 2,174,985; Oct. 3.
Olefines, Esterifying polymerized. P. J. Wiezevich and R. Rosen. 2,166,981; July 25.
Olefines from gaseous hydrocarbons, Production of. H. Klein. 2,143,014; Jan. 10.
Olefines in the presence of heteropoly compounds, Hydrating. J. F. Eversole and C. W. Rehm. 2,162,913; June 20.
Olefines, Polymerization of. S. H. McAllister. 2,174,247; Sept. 26.
Olefines, Production of. H. Klein, F. Haubach, and W. Hofeditz. 2,143,380; Jan. 10.
Olefines, Production of hydrated. F. A. Bent. 2,144,750; Jan. 24.
Olefins from gas mixtures, Separation of tertiary. G. Stern and W. Friedrichsen. 2,156,070; Apr. 25.
Olefins from gaseous or vaporous saturated hydrocarbons, Production of. H. Klein, F. Haubach, and W. Hofeditz. 2,174,288; Sept. 26.
Olefins, Hydrating. H. G. Tanner. 2,173,187; Sept. 19.
Olefins, Manufacture of. A. J. van Peski. 2,172,228; Sept. 5.
Olefins, Polymerization of. J. A. Anderson. 2,182,512; Dec. 5.
Olefins, Polymerization of. F. A. Bent, R. W. Millar, and S. N. Wik. 2,156,718; May 2.
Olefins, Polymerization of. A. H. Boultbee. 2,171,207; Aug. 29.
Olefins, Polymerization of. E. W. Fawcett, R. O. Gibson, and M. W. Perrin. 2,153,553; Apr. 11.
Olefins, Polymerization of. V. M. Ipatieff and H. Pines. 2,181,942; Dec. 5.
Olefins, Polymerization of. A. McAlevy. 2,183,503; Dec. 12.
Olefins, Polymerization of. R. Michel. 2,182,617; Dec. 5.
Olefins, Polymerization of. J. C. Morrell. 2,172,542; Sept. 12.
Olefins, Polymerization of. D. R. Stevens and W. A. Gruse. 2,161,392; June 6.
Olefins, Polymerization of tertiary-base. W. A. McMillan. 2,181,642; Nov. 28.
Olefins, Process and apparatus for absorbing. R. L. Hasche. 2,176,496; Oct. 17.
Olefins, Production of. H. Baehr. 2,161,991; June 13.
1-amino-6-chloroanthraquinone, Preparation of. M. S. Whelen. 2,181,034; Nov. 21.
1-Dimethylamino-2,3-propanediol, Manufacture of. F. N. Alquist and H. R. Slagh. 2,147,226; Feb. 14.
1-hydroxybenzothiazole, Preparation of. E. M. Van Duzee. 2,179,987; Nov. 14.
1,1,1-trichloropropane and preparation. A. A. Levine and O. W. Cass. 2,179,218; Nov. 7.
1,1,2-trichloroethane, Preparation of. G. H. Coleman and G. V. Moore. 2,174,737; Oct. 3.
1,3-butylene-glycol, Preparing. W. Fitzky. 2,143,370; Jan. 10.
1.3-diaza-Anthraquinones. F. Baumann and H. W. Schwechten. 2,176,413; Oct. 17.
1,3-dihalo-isobutanes, Hydrolysis of. E. C. Britton and G. H. Coleman. 2,181,297; Nov. 28.
1,2-Dihalo-delta^2-cycloalkenes. W. G. Christiansen. 2,146,720; Feb. 14.
1,2-dihydronaphthalene, Polymerization of. N. D. Scott. 2,181,770; Nov. 28.
One-way clutch. R. Chilton. 2,175,876; Oct. 10.
Opacifying agents for enamels and glazes. L. Weiss. 2,163,334; June 20.
Opaque materials for X-ray and radium work or the like. E. R. Dillehay and G. M. McFedries. 2,183,790; Dec. 19.
Open, Can. R. T. Chase. 2,176,206; Oct. 17.
Open hearth furnace. W. A. Morton. 2,176,270; Oct. 17.
Open-hearth furnace. A. M. Morton. 2,182,674; Dec. 5.
Open hearth furnace. W. A. Morton and H. F. Spencer. 2,173,592; Sept. 19.
Open hearth furnace. G. W. Putnam. 2,169,163; Aug. 8.
Open mesh fabric. H. E. White. 2,158,390; May 16.
Open top car. J. J. Tatum. 2,167,427; July 25.
Opener and holder, Can. H. C. Will. 2,163,301; June 20.
Opener and spout, Receptacle. J. K. M. Harrison. 2,158,502; May 16.
Opener, Automatic parachute. W. C. McQuillan. 2,175,634; Oct. 10.
Opener, Bottle. T. H. Low. 2,155,947; Apr. 25.
Opener, Can. S. Bloomfield. 2,158,319; May 16.
Opener, Can. G. H. Gustafson. 2,178,991; Nov. 7.
Opener, Can. F. F. Hosmer. 2,152,887; Apr. 4.
Opener, Can. C. W. Lanphere. 2,171,658; Sept. 5.
Opener, Can. A. L. Maples. 2,162,095; June 13.
Opener, Can. R. C. McRoberts. 2,169,497; Aug. 15.
Opener, Can. W. M. Milne. 2,165,715; July 11.
Opener, Can. J. A. Murdock. 2,148,130; Feb. 21.
Opener, Carton. H. Blatt. 2,162,053; June 13.
Opener combined with a stopper and a dispensing device, Can. J. M. J. Plasse. 2,172,293; Sept. 5.
Opener, Container. D. Hoppenstand. 2,176,714; Oct. 17.
Opener, Cotton planter. J. S. Pace. 2,146,222; Feb. 7.
Opener, Egg. M. Sepelak and J. Milly. 2,172,892; Sept. 12.
Opener, Envelope. A. M. Lockett. 2,178,483; Oct. 31.
Opener for containers, Attached. J. E. Selliken. 2,153,344; Apr. 4.
Opener for planting bulbs and the like, Soil. J. M. Boordsen. 2,149,880; Mar. 7.
Opener for safety water lights, Holder and circuit. W. B. Riner. 2,148,323; Feb. 21.
Opener for tobacco stripping and booking machines, Leaf. R. E. Rundell and G. E. Hagquist. 2,180,368; Nov. 21.
Opener, Jar. J. B. Hohmann. 2,151,209; Mar. 21.
Opener, Hairpin. M. R. Andersen. 2,150,144; Mar. 14.
Opening and closing device. G. Madland. 2,177,325; Oct. 24.
Opening and closing mechanism for gates, doors and the like. D. Miller. 2,166,743; July 18.
Opening device for cardboard boxes. R. Craig and G. H. Edwards. 2,143,940; Jan. 17.
Opening for developer batteries, Shutter type feed. G. T. Markey. 2,174,004; Sept. 26.
Operating device for control surfaces for airplanes. R. W. Ayer. 2,181,258; Nov. 28.
Operating means for elevator doors. E. K. Johnson. 2,166,527; July 18.
Operating means for receptacle closures. C. F. Hamel. 2,182,432; Dec. 5.
Operating mechanism. W. A. Atwood and G. Rudolph. 2,152,453; Mar. 28.
Operating mechanism. C. Thumim. 2,156,072; Apr. 25.
Operating mechanism, Fluid actuated. C. de Ganahl and W. L. Sutton. 2,181,562; Nov. 28.
Operating mechanism for closures for moving stairway wellway openings. E. L. Dunn. 2,173,900; Sept. 26.
Operating mechanism for hinged closures and the like. R. T. Axe. 2,166,710; July 18.
Operating mechanism for retractable members on board aircraft such as landing gears, cupolas, tanks, etc. C. R. Waseige. 2,148,972; Feb. 28.
Operating mechanism for soot blowers. J. W. L. Simpson. 2,156,436; May 2.
Operating mechanism for tilting receptacles. H. L. McFeaters. 2,166,663; July 18.
Operating mechanism for vehicle dumping bodies. H. A. Cederstrom. 2,159,470; May 23.
Operating table. W. H. Manning and H. B. Barker. 2,172,941; Sept. 12.
Operator. J. C. Van Riper. 2,182,769; Dec. 5.
Operator for elevator doors. J. E. Bancroft. 2,146,046; Feb. 7.
Operator, Garage door. C. A. Brauchler. 2,168,152; Aug. 1.
Ophthalmic apparatus. O. W. Lee. 2,147,448; Feb. 14.
Ophthalmic instrument. W. C. Harper. 2,160,359; May 30.
Ophthalmic mounting. F. Bock. 2,148,397; Feb. 21.

Ophthalmic mounting. C. O. Cozzens. 2,181,365; Nov. 28.
Ophthalmic mounting. G. A. Ellestad. 2,184,417; Dec. 26.
Ophthalmic mounting. J. Gaspari. 2,180,820; Nov. 21.
Ophthalmic mounting. R. E. Holmes. 2,173,016; Sept. 12.
Ophthalmic mounting. G. A. Hood. 2,161,296; June 6.
Ophthalmic mounting. L. H. Kirk and B. J. Jacobson. 2,171,753; Sept. 5.
Ophthalmic mounting. C. J. Laurer and S. Markell. 2,184,427; Dec. 26.
Ophthalmic mounting. M. R. McDanal. 2,174,799; Oct. 3.
Ophthalmic mounting. N. Pearlstein. 2,143,633; Jan. 10.
Ophthalmic mounting. E. L. Schumacher. 2,157,247; May 9.
Ophthalmic mounting. H. F. Shindel. 2,160,627; May 30.
Ophthalmic mounting. E. M. Splaine. 2,158,159; May 16.
Ophthalmic mounting. E. M. Splaine. 2,173,669; Sept. 19.
Ophthalmic mounting. J. A. Sweeney. 2,176,368; Oct. 17.
Ophthalmic mounting. V. Tanasso and J. J. Pomeranz. 2,155,693; Apr. 25.
Ophthalmometer. H. Hartinger. 2,171,627; Sept. 5.
Ophthalmometer. H. Hartinger. 2,174,308; Sept. 26.
Optical apparatus. E. N. Anketell. 2,157,157; May 9.
Optical apparatus. P. Nolan. 2,178,211; Oct. 31.
Optical apparatus. O. A. Ross. 2,184,816; Dec. 26.
Optical apparatus. M. Waide. 2,170,438; Aug. 22.
Optical apparatus for indicating the position of a tool. D. E. Howard. 2,145,116; Jan. 24.
Optical balance. P. Luteraan. 2,164,139; June 27.
Optical comparator. J. Q. Adams and F. A. Benford. 2,155,248; Apr. 18.
Optical contrast meter. A. H. Gaebel. 2,164,513; July 4.
Optical device. W. Günther. 2,184,615; Dec. 26.
Optical device. H. E. Ives. 2,174,003; Sept. 26.
Optical device. W. D. Loy. 2,172,287; Sept. 5.
Optical device for panoramic telescopes and the like, equivalent to the Amici rotating prism. A. Baroni. 2,147,615; Feb. 14.
Optical device for producing a substantially stationary image of successive similar areas on a running web. A. J. Horton. 2,155,013; Apr. 18.
Optical effects, Method and apparatus for producing. G. H. Corey. 2,184,138; Dec. 19.
Optical image reproducer. F. Coeterier and M. C. Teves. 2,153,614; Apr. 11.
Optical indicator. K. J. De Juhasz. 2,143,011; Jan. 10.
Optical instrument. W. Henning, M. A. Bursack, and C. Loeb. 2,152,050; Mar. 28.
Optical instrument. A. Whitwell. 2,168,637; Aug. 8.
Optical instrument for orthoptic purposes. H. C. Rones. 2,149,148; Feb. 28.
Optical instrumentality provided with a variable light filter. J. A. McNally. 2,155,436; Apr. 25.
Optical interferometer. W. E. Williams. 2,151,631; Mar. 21.
Optical light exposure meter. A. Leber. 2,163,205; June 20.
Optical observation apparatus for armored vehicles. R. Catasta. 2,147,089; Feb. 14.
Optical slit, Measuring the quality of an. H. C. Wohlrab. 2,180,972; Nov. 21.
Optical system. W. J. Albersheim. 2,142,297; Jan. 3.
Optical system. G. L. Dimmick. 2,157,166; May 9.
Optical system. G. L. Dimmick. 2,173,681; Sept. 19.
Optical system. W. Kimmich. 2,164,526; July 4.
Optical system. A. A. Levin. 2,164,827; July 4.
Optical system. J. H. McLeod and F. E. Altman. 2,146,905; Feb. 14.
Optical system. L. T. Sachtleben. 2,173,266; Sept. 19.
Optical system. H. D. Schmidt-Ott and E. Mechau. 2,172,775; Sept. 12.
Optical system and adjustment thereof. L. T. Sachtleben. 2,158,307; May 16.
Optical system employing polarized light. E. H. Land. 2,180,114; Nov. 14.
Optical system for color photography or cinematography. A. G. Hillman. 2,167,453–4; July 25.
Optical system for measuring changes in magnification. A. E. Glancy. 2,179,850; Nov. 14.
Optical system for reduction film printers. G. L. Dimmick. 2,143,059; Jan. 10.
Optical system for searchlights. R. Straubel. 2,170,979; Aug. 29.
Optical system for sextants and the like. T. L. Thurlow and S. M. Burka. 2,173,142; Sept. 19.
Optical system for sound reproducers. L. T. Sachtleben. 2,178,244; Oct. 31.
Optical system for stereoscopic motion picture production and projection. C. G. Rosenhauer. 2,157,099; May 9.
Optical system, Push-pull. G. L. Dimmick. 2,164,735; July 4.
Optical systems and apparatus, Means for use in the demonstration of. R. K. Black. 2,155,114; Apr. 18.
Optics, Electron. W. Henneberg. 2,161,466; June 6.
Oral treatment device. W. W. Buhse. 2,151,738; Mar. 28.
Orchard heater. R. A. Campbell. 2,182,143; Dec. 5.
Orchard heater. M. Fujiura. 2,155,184; Apr. 18.
Orchard heater. W. B. Kerrick. 2,154,002; Apr. 11.
Orchard heater. H. J. Lambert and E. R. Merifield. 2,165,279; July 11.
Orchard heater. R. G. Pheysey. 2,158,636; May 16.
Orchard heating apparatus. C. H. Ames. 2,184,109; Dec. 19.
Order, Traveler's protection. L. Deutsch. 2,163,777; June 27.
Ordnance. P. E. J. Denoix. 2,176,524; Oct. 17.
Ordnance, Piece of. E. W. Brandt. 2,182,010; Dec. 5.
Ore and like concentrator. W. L. Opie. 2,184,226; Dec. 19.
Ore and the like from storage piles, Apparatus for reclaiming. M. J. Andrada. 2,171,528; Sept. 5.
Ore bodies, Prospecting underground. A. Matsubara. 2,153,636; Apr. 11.
Ore-breaking device. R. S. Tice. 2,152,108; Mar. 28.
Ore briquettes, Preparing. O. Seidl. 2,177,228; Oct. 24.
Ore car. Z. T. Parker. 2,177,741; Oct. 31.
Ore concentration. H. H. Burton. 2,166,392; July 18.
Ore concentration by flotation. B. M. Carter. 2,145,848; Feb. 7.
Ore concentration of flotation. J. R. Tuttle. 2,146,163; Feb. 7.
Ore concentrator. C. M. Fuller. 2,148,068; Feb. 21.
Ore concentrator. C. M. Fuller and A. C. Denison. 2,148,067; Feb. 21.
Ore concentrator. A. H. Leja. 2,161,476; June 6.
Ore dressing. B. R. Harris. 2,177,985; Oct. 31.
Ore dressing. B. R. Harris. 2,182,845; Dec. 12.
Ore dressing. W. Kritchevsky. 2,173,909; Sept. 26.
Ore dressing. C. E. Wuensch. 2,151,175; Mar. 21.
Ore minerals, Flotation of fine oxide. C. H. Breerwood. 2,162,525; June 13.
Ore minerals, Flotation of oxide. M. Vogel-Jorgensen. 2,165,268; July 11.
Ore, particularly iron ore, Reducing. F. M. Wibert. 2,182,009; Dec. 5.
Ore reducing machine. H. Hardinge. 2,171,268; Aug. 29.
Ore reduction process. W. G. Clark. 2,144,618; Jan. 24.
Ore reduction process. W. G. Clark. 2,166,207; July 18.
Ore, Roasting. B. M. Carter. 2,174,185; Sept. 26.
Ore roasting furnace. W. E. Greenawalt. 2,152,687; Apr. 4.
Ore, Treating. W. B. Judson. 2,143,073; Jan. 10.
Ore treatment. H. V. Wallace and L. H. Logue. 2,174,540; Oct. 3.
Ores and minerals, Preferential pneumatic grinding and scrubbing of. H. E. Dunn. 2,175,457; Oct. 10.
Ores and tailings, Treatment of. J. Allingham. 2,173,090; Sept. 19.
Ores and the like, Extracting. A. C. van Es. 2,142,926; Jan. 3.
Ores and the like, Extracting. A. C. Van Es. 2,168,542; Aug. 8.
Ores, Apparatus for flotation concentration of. H. W. Coke. 2,184,115; Dec. 19.
Ores, Apparatus for treating complex. G. W. Buchanan. 2,158,689; May 16.
Ores, Beneficiating titaniferous. F. L. Kingsbury and W. Grave. 2,154,130; Apr. 11.
Ores by flotation, Concentration of metalliferous. C. F. Williams and W. Trotter. 2,169,313; Aug. 15.
Ores by froth flotation, Concentrating. A. W. Ralston and W. O. Pool. 2,175,093; Oct. 3.
Ores by froth flotation, Concentration of metalliferous. C. H. Keller. 2,148,475; Feb. 28.
Ores by high frequency electric currents, Metallurgical treatment of. H. Kikuchi. 2,177,070; Oct. 24.
Ores, Concentrating. J. Harwood and W. O. Pool. 2,166,093; July 11.
Ores, Concentrating. A. H. Leja. 2,161,477; June 6.
Ores, Concentrating. A. W. Ralston and W. O. Pool. 2,168,849; Aug. 8.
Ores, Concentrating fluorspar. J. B. Clemmer and C. O. Anderson. 2,168,762; Aug. 8.
Ores, Concentration of. C. T. Morrison and H. T. Eastman. 2,161,425; June 6.
Ores, Concentration of. W. Trotter and E. W. Wilkinson. 2,162,495; June 13.
Ores, Disintegration of barytes. C. W. Price. 2,159,909; May 23.
Ores, Dry concentration of carnotite. C. P. Rees, H. E. Dunn, and A. A. Sproul. 2,175,484; Oct. 10.
Ores, Flotation concentration of. J. E. Hunt. 2,154,092; Apr. 11.
Ores, Flotation of precious metal. K. Krebs. 2,149,220; Feb. 28.
Ores of vanadium and uranium, Working. C. J. Stamberg. 2,176,610; Oct. 17.
Ores or vanadium and uranium, Extracting values from complex. H. McCormack. 2,176,609; Oct. 17.
Ores, Recovering the values from. G. Blow. 2,165,607; July 11.
Ores to metal, Beneficiating or reducing. F. Hodson and P. A. Hirsch. 2,184,300; Dec. 26.
Ores, Treating. J. S. Potter. 2,180,692; Nov. 21.
Ores, Treating phosphatic. O. Meyer. 2,168,169; Aug. 1.
Ores, Treatment of aluminum. I. Hunyady. 2,160,148; May 30.
Organ. F. A. Firestone. Re. 21,137; July 4. 21,144; July 11.

Organ, Automatically operable. J. Verbeeck. 2,155,158; Apr. 18.
Organ, Electric. P. H. Frohman. 2,151,021; Mar. 21.
Organ, Electric. L. Hammond. 2,159,505; May 23.
Organ, Electric. H. F. Waters. 2,166,202; July 18.
Organ, Electronic. W. F. Kannenberg. 2,169,842; Aug. 15.
Organs, Adjustable combination action for pipe. S. S. Waters. 2,180,784; Nov. 21.
Organdy. F. M. Ford and A. L. Lippert. 2,150,825; Mar. 14.
Organic bodies and making same, Nitrogen-halogen. L. Lilienfeld. 2,167,661; Aug. 1.
Organic composition of high chlorine content. I. E. Muskat and A. G. Chenicek. 2,184,886; Dec. 26.
Organic compounds and preparing same, High molecular weight halogenated. A. J. Morway and F. L. Miller. 2,181,144; Nov. 28.
Organic compounds, Dehydrogenation of. H. P. A. Groll and J. Burgin. 2,182,431; Dec. 5.
Organic compounds from the acid sludge from refining of mineral oils, Obtaining. W. J. v. Piotrowski and J. Winkler. 2,151,147; Mar. 21.
Organic compounds from the acid sludge of mineral oil refining processes, Obtaining valuable. K. Bauer, W. J. v. Piotrowski, H. Burstin, and J. Winkler. 2,172,784; Sept. 12.
Organic compounds having unsaturated linkages of an aliphatic character, Sulphurizing. E. Gottesmann. 2,152,185; Mar. 28.
Organic compounds, Preparation of. N. D. Scott and J. F. Walker. 2,150,039; Mar. 7.
Organic compounds, Recovery of. J. D. Ruys. 2,151,990; Mar. 28.
Organic compounds, Treatment of. R. W. Moncrieff and C. W. North. 2,145,364; Jan. 31.
Organic compounds, Treatment of. J. F. Olin. 2,183,405; Dec. 12.
Organic compounds, Treatment of halogenated. J. D. Ruys and H. R. McCombie. 2,148,304; Feb. 21.
Organic materials, Distillation and purification of carbonizable. A. P. Lee. 2,177,664; Oct. 31.
Organic oxides and amino type material, and products therefrom, Condensing. A. F. Bowles and S. Kaplan. 2,172,747; Sept. 12.
Organic substances, Preservation of. S. Musher. 2,181,765; Nov. 28.
Organic substances, Stabilization of. F. B. Downing and C. J. Pedersen. 2,181,121–2; Nov. 28.
Organosodium compounds, Preparation of. A. A. Morton and I. Hechenbleikner. 2,163,846; June 27.
Orientation apparatus. C. H. Beattie, Jr. 2,149,716; Mar. 7.
Orientation indicating device. L. M. Potts. 2,162,358; June 13.
Orienting device. R. Duus. 2,142,559; Jan. 3.
Orienting device. A. G. H. Straatman and D. P. Rees. 2,184,931; Dec. 26.
Orienting sub. E. L. Potts. 2,147,544; Feb. 14.
Orifice construction. M. Noble. 2,163,382; June 20.
Orifice control device. J. Canetta. 2,165,995; July 11.
Orifice device. W. T. Jones and O. E. Hartford. 2,169,359; Aug. 15.
Ornament. R. H. Jordan. 2,148,990; Feb. 28.
Ornament. A. Knight. 2,152,435; Mar. 28.
Ornament. L. Pollock. 2,172,757; Sept. 12.
Ornament. J. Schlesinger. 2,182,356; Dec. 5.
Ornament and frame therefor. H. Rufeisen. 2,175,855; Oct. 10.
Ornament, Christmas. A. H. Thaeler. 2,183,326; Dec. 12.
Ornament construction. W. C. Boots. 2,165,216; July 11.
Ornament construction. E. J. Paris. 2,175,305; Oct. 10.
Ornament, Detachable. W. F. Kilkenny. 2,148,757; Feb. 28.
Ornament ensemble. O. von Dachenhausen. 2,177,314; Oct. 24.
Ornament for bird cages. P. Hillenek. 2,178,117; Oct. 31.
Ornament for wheel hub caps, Stationery. P. Gasco. 2,169,237; Aug. 15.
Ornament, Radiator. J. Fischer. 2,146,115; Feb. 7.
Ornament retaining construction. R. C. Bangs. 2,156,833; May 2.
Ornament, Stationary wheel. J. G. Parks. 2,146,980; Feb. 14.
Ornament, Wheel. H. J. Horn. 2,158,126; May 16.
Ornamental box. K. G. Nichols. 2,166,504; July 18.
Ornamental chain. W. F. Hess. 2,170,073; Aug. 22.
Ornamental chain, Linked. R. Mantz. 2,169,265; Aug. 15.
Ornamental clip. W. Huppert. 2,145,224; Jan. 24.
Ornamental indicator. B. Darvie. 2,177,978; Oct. 31.
Ornamental ring. L. Chickering. 2,181,507; Nov. 28.
Ornamentation. J. Bacica. 2,145,964; Feb. 7.
Ornamentation and producing the same, Third dimension. H. R. Harrigan. 2,154,614; Apr. 18.
Ornamenting machine. E. C. Klattie. 2,184,165; Dec. 19.
Ornamenting machine and work support thereof. W. S. Herschel and A. H. Antrainer. 2,144,059; Jan. 17.
Ortho- and para-amino-ethyl-benzenes, Separating. R. R. Dreisbach and J. Day. 2,165,165; July 4.
Orthographic projections, Apparatus for producing. B. B. Talley. 2,173,140; Sept. 19.
Orthopedic apparatus. W. L. Bell. 2,150,314; Mar. 14.
Orthopedic traction apparatus. H. A. Budin. 2,146,933; Feb. 14.
Orthopedics. D. F. Hyland. 2,162,916; June 20.
Oscillating piston engine. J. Moraway. 2,154,315; Apr. 11.
Oscillation circuit, Photoelectric cell. H. A. Iams. 2,157,824; May 9.
Oscillation damping means. F. M. M. B. Salomon. 2,181,610; Nov. 28.
Oscillation device. Y. Rocard. 2,151,800; Mar. 28.
Oscillation for interlaced scanning, Relaxation. K. Schlesinger. 2,152,822; Apr. 4.
Oscillation generating and modulating device. G. M. Charrier. 2,161,406; June 6.
Oscillation generating system. A. Senauke. 2,156,230; Apr. 25.
Oscillation generation. C. W. Hansell. 2,149,340; Mar. 7.
Oscillation generation. N. E. Lindenblad. 2,149,450; Mar. 7.
Oscillation generation and control. C. W. Hansell. 2,160,655; May 30.
Oscillation generation system. N. E. Lindenblad. 2,156,456; May 2.
Oscillation generation system. W. V. Roberts. 2,169,374; Aug. 15.
Oscillation generation system. J. N. Whitaker. 2,144,236; Jan. 17.
Oscillation generator. G. B. Banks. 2,148,096; Feb. 21.
Oscillation generator. I. E. Fair. 2,151,754; Mar. 28.
Oscillation generator. K. W. Jarvis and R. M. Blair. 2,182,870; Dec. 12.
Oscillation generator. J. J. Lamb. 2,146,961; Feb. 14.
Oscillation generator. M. S. Mead, Jr. 2,147,492; Feb. 14.
Oscillation generator. D. H. Ring and W. T. Wintringham. 2,165,509; July 11.
Oscillation generator. F. H. Scheer. 2,144,511; Jan. 17.
Oscillation generator. G. H. Stevenson. 2,165,517; July 11.
Oscillation generator. J. van der Mark. 2,153,217; Apr. 4.
Oscillation generator, Constant frequency. J. M. Whitaker. 2,162,520; June 13.
Oscillation generator, Electrical. G. B. Banks. 2,160,052; May 30.
Oscillation generator, Thermionic. D. A. Bell. 2,149,721; Mar. 7.
Oscillation producing system. R. Andrieu. 2,147,229; Feb. 14.
Oscillation system. L. M. Craft. 2,142,999; Jan. 10.
Oscillation translating device. M. J. Di Toro. 2,177,692; Oct. 31.
Oscillations, Detecting and measuring ultra short wave. H. Pigge. 2,165,726; July 11.
Oscillations, Detecting high-frequency. F. Breyer. 2,166,124; July 18.
Oscillations, Transformation of relaxation. K. Schlesinger. 2,147,559; Feb. 14.
Oscillations, Transformation of relaxation. K. Schlesinger. 2,170,252; Aug. 22.
Oscillations, Transformation of relaxation. K. Schlesinger. 2,173,500; Sept. 19.
Oscillator. P. T. Farnsworth. 2,174,488; Sept. 26.
Oscillator. M. Geiger. 2,157,533; May 9.
Oscillator. H. E. Hollmann. 2,153,190; Apr. 4.
Oscillator. G. E. Jones. 2,175,694; Oct. 10.
Oscillator. H. O. Peterson. 2,173,180; Sept. 19.
Oscillator. D. L. Plaistowe and D. J. Fewings. 2,159,818; May 23.
Oscillator, Absorption. P. T. Farnsworth. 2,159,521; May 23.
Oscillator and associated circuit, Microwave. G. de Vries and C. G. A. von Lindern. 2,168,296; Aug. 1.
Oscillator and detector, Magnetron. H. Gutton and S. Berline. 2,147,159; Feb. 14.
Oscillator and frequency changer. G. de Vries and C. G. A. von Lindern. 2,168,295; Aug. 1.
Oscillator and frequency multiplier. W. V. Roberts. 2,151,332; Mar. 21.
Oscillator and frequency multiplier, Magnetron discharge tube. K. Fritz. 2,169,725; Aug. 15.
Oscillator and modulator, High frequency. N. E. Lindenblad. 2,151,707; Mar. 28.
Oscillator apparatus. C. F. Walace. 2,174,296; Sept. 26.
Oscillator circuit. C. J. Fitch. 2,153,179; Apr. 4.
Oscillator circuit. J. L. Potter. 2,157,434; May 9.
Oscillator coil system for low frequency bands. J. D. Reid. 2,145,371; Jan. 31.
Oscillator, Elastically oscillating. W. Runge and H. O. Rosenstein. 2,161,980; June 13.
Oscillator, Electric. R. A. Heising. 2,142,313; Jan. 3.
Oscillator, Electric. H. H. Scott. 2,173,427; Sept. 19.
Oscillator, Electric discharge tube. A. C. Stocker. 2,147,114; Feb. 14.
Oscillator, Electronic. G. A. Morton. 2,147,454; Feb. 14.
Oscillator, Electronic. I. Wolff. 2,147,182; Feb. 14.
Oscillator for multiple wave band receivers. J. D. Reid. 2,159,105; May 23.

Oscillator frequency control system, Automatic. C. Travis. 2,153,779; Apr. 11.
Oscillator, Glow discharge. E. Bauer. 2,167,496; July 25.
Oscillator, High frequency. J. Böhme. 2,153,131; Apr. 4.
Oscillator, High frequency. J. F. Farrington. 2,165,468; July 11.
Oscillator, High frequency. F. B. Llewellyn. 2,163,756; June 27.
Oscillator, High frequency. C. W. Rice. 2,156,029; Apr. 25.
Oscillator, High-frequency. V. K. Zworykin. 2,173,193; Sept. 19.
Oscillator, Mercury arc. C. W. Hansell. 2,184,740; Dec. 26.
Oscillator of the magnetron type. K. Posthumus and C. G. A. von Lindern. 2,161,087; June 6.
Oscillator, Relaxation. P. Drewell and E. Steudel. 2,157,529; May 9.
Oscillator, Separately controlled relaxation. O. Schriever and W. Federmann. 2,146,769; Feb. 14.
Oscillator, Spindle. A. H. Dall. 2,178,850; Nov. 7.
Oscillator, Stabilized. L. A. Meacham. 2,163,403; June 20.
Oscillator, Start-stop tube. K. B. Eller and F. Holborn. 2,154,378; Apr. 11.
Oscillator system. J. B. Dow. 2,168,924; Aug. 8.
Oscillator, Temperature compensated. P. D. Andrews. 2,158,844; May 16.
Oscillator, Ultra high frequency. R. Seiler. 2,170,219; Aug. 22.
Oscillator with variable frequency, Relaxation. K. Schlesinger. 2,144,779; Jan. 24.
Oscillatory drive for sliver receiving cans. B. McGinnis. 2,154,344; Apr. 11.
Oscillatory motor. M. C. Spencer. 2,149,126; Feb. 28.
Oscillograph. W. F. Diehl and H. J. Schrader. 2,153,140; Apr. 4.
Oscillograph apparatus. R. H. George. 2,169,726; Aug. 15.
Oscillograph apparatus. H. J. Schrader. 2,162,827; June 20.
Oscillograph, Cathode ray. M. Knoll. 2,152,487; Mar. 28.
Oscilloscope, Cathode ray. S. Bagno and M. Posner. 2,151,313; Mar. 21.
Oscilloscope, Cathode ray. F. N. Jacob. 2,145,483; Jan. 31.
Osteopathic apparatus for treatment of the back. D. B. Catlin. 2,159,654; May 23.
Otoscope. A. F. Dittmer. 2,184,414; Dec. 26.
Otoscope and similar instrument. W. A. Arnesen. 2,154,885; Apr. 18.
Outboard motor. W. L. Kissel. 2,153,626; Apr. 11.
Outlet box. R. Z. Huff. 2,143,517; Jan. 10.
Outlet box anchoring device. V. O. Welch. 2,155,627; Apr. 25.
Outlet box, Electric. B. Eichwald. 2,143,767; Jan. 10.
Outlet construction, Continuous. W. H. Frank. 2,170,299–300; Aug. 22.
Outlet control valve. G. W. Whitehurst. 2,185,108; Dec. 26.
Outlet, Fused convenience. D. G. Kimball. 2,151,555; Mar. 21.
Outlet-provided interconnecting unit. R. L. Davison. 2,175,147; Oct. 3.
Outlet, Valved fluid. E. B. Goon and G. W. Heath. 2,181,758; Nov. 28.
Output of electron tubes, Process and arrangement for increasing the maximum. N. Hirsch. 2,175,990; Oct. 10.
Outsert attachment. T. Jensen. 2,156,241; Apr. 25.
Outside pipe cutter. E. Ventresca. 2,175,622; Oct. 10.
Oven. H. J. Bayer. 2,164,226; June 27.
Oven. W. J. Hawkins. 2,146,427; Feb. 7.
Oven. W. J. Hawkins. 2,146,429; Feb. 7.
Oven. W. J. Hawkins and F. J. Brownell. 2,146,428; Feb. 7.
Oven and pull-out drawer thereof, Broiler. J. R. Haley. 2,155,654; Apr. 25.
Oven apparatus, Coke. B. J. C. van der Hoeven. 2,158,710; May 16.
Oven, Bake. W. F. Drew. 2,183,236; Dec. 12.
Oven, Bake. H. W. O'Dowd. 2,177,223; Oct. 24.
Oven, Baker's. L. E. Glezen. 2,181,323; Nov. 28.
Oven, Baker's. C. T. Hatch. 2,149,439; Mar. 7.
Oven, Baking. L. D. Houlis. 2,145,482; Jan. 31.
Oven, Baking. F. G. Salerno. 2,143,525; Jan. 10.
Oven, Baking. F. Werner. 2,161,211; June 6.
Oven, Biscuit or like. C. Dumbleton. 2,179,253; Nov. 7.
Oven, Broiling. A. R. Johnson. 2,143,602; Jan. 10.
Oven, Chamber. C. Otto. 2,158,666; May 16.
Oven, Coke. F. Breitbach. 2,162,834; June 20.
Oven, Coking retort. J. Becker. 2,163,168; June 20.
Oven construction, Coke. M. D. Curran. 2,148,107–8; Feb. 21.
Oven control. A. P. Chester. 2,160,125; May 30.
Oven control. C. Thiem. 2,158,160; May 16.
Oven door, Coke. P. van Ackeren. 2,147,323; Feb. 14.
Oven, Drying. D. Milan. 2,157,938; May 9.
Oven, Electric. W. H. Sickinger. 2,142,381; Jan. 3.
Oven, Electric. G. Steingruber. 2,177,230; Oct. 24.
Oven, Electric. H. G. Worm. 2,166,778; July 18.
Oven, Elevatable stove. H. W. Miller. 2,180,161; Nov. 14.
Oven-fired furnace. P. Stewart. 2,158,765; May 16.
Oven for baking, Steam. A. Horlebeck and C. Wiesmann. 2,181,130; Nov. 28.
Oven for domestic ranges. T. E. Taylor. 2,160,764; May 30.
Oven for domestic ranges. T. E. Taylor. 2,180,563; Nov. 21.
Oven for heat treatment of shales, schists, sandstones, and the like. F. F. R. A. Gilles. 2,167,503; July 25.
Oven for making artists' charcoal. W. Brown. 2,161,014; June 6.
Oven furnace. W. R. Hones. 2,159,480; May 23.
Oven heat control. J. H. Grayson. 2,153,886; Apr. 11.
Oven heat regulator. R. E. Meeks. 2,153,265; Apr. 4.
Oven, Horizontal chamber coke. P. van Ackeren. 2,147,681; Feb. 21.
Oven, Serving. R. N. Kircher. 2,170,904; Aug. 29.
Oven, Stove. R. W. Hoffman and O. F. Juenger. 2,170,409; Aug. 22.
Oven structure, Coke. J. Becker. 2,180,857; Nov. 21.
Oven, Twin annealing. C. F. Herington. 2,173,586; Sept. 19.
Oven, Under-fired coke. N. M. Philipsen. 2,159,359; May 23.
Oven, Underfired regenerative coke. W. H. Pavitt. 2,155,954; Apr. 25.
Oven, Underjet-fired coke. G. J. Jackson. 2,154,166; Apr. 11.
Oven with internally heated movable heating walls, Coke. F. Puening. 2,174,832; Oct. 3.
Oven with movable heating walls, Coke. F. Puening. 2,174,833; Oct. 3.
Overflow and pressure valve, Combination. N. V. Caminiti. 2,155,400; Apr. 25.
Overhead carrier. F. C. Harris. 2,168,986; Aug. 8.
Overhead door. W. D. Ferris and C. R. Wolf. 2,150,321; Mar. 14.
Overhead door. C. M. Goodrich. 2,151,845; Mar. 28.
Overhead intersection for conductors of trackless trolleys. G. F. Atkinson and C. L. Morisette. 2,146,705; Feb. 14.
Overload clutch. H. P. Grohn. 2,167,749; Aug. 1.
Overload protective means. A. D. Forbes. 2,175,889; Oct. 10.
Overload protective switch. W. H. Frank. 2,182,864; Dec. 12.
Overload release clutch. J. C. Gauld. 2,182,627; Dec. 5.
Overload relief structure. E. O. Melmer. 2,144,769; Jan. 24.
Overload switch. F. J. Bast. 2,145,811; Jan. 31.
Overrunning clutch. H. A. Flogaus. 2,172,653; Sept. 12.
Overshoe. H. F. Waters. 2,152,229; Mar. 28.
Overtravel drawer support. B. G. Rand. 2,174,181; Sept. 26.
Oxazole-trimethinecyanines. W. Schneider. 2,173,486; Sept. 19.
Oxidation inhibitor and preparing same. A. N. Sachanen and P. G. Waldo. 2,161,317; June 6.
Oxidation inhibitor for insecticides. D. B. Faloon. 2,144,366–9; Jan. 17.
Oxidation products from hydrocarbons, Obtaining. E. V. Murphree and E. D. Reeves. 2,156,266; May 2.
Oxidation products of paraffin hydrocarbons, Manufacture of. C. Beck and F. Kremp. 2,158,650; May 16.
Oxide catalyst, Vanadium. H. B. Foster. 2,180,353; Nov. 21.
Oxide rectifier element, Forming a cuprous. M. Ono. 2,151,933; Mar. 28.
Oxide, Stabilized cuprous. L. C. Hurd. 2,184,617; Dec. 26.
Oxides of amino acids. M. Engelmann. 2,159,967; May 30.
Oxides, Reducing metal. B. Christiansen. 2,146,625; Feb. 7.
Oxidizing agent and making. W. J. Murray and E. P. Stevenson. 2,169,368; Aug. 15.
Oxy-compound, Recovery of organic. T. Evans. 2,175,080; Oct. 3.
Oxygen-absorbing solution. D. Quiggle. 2,170,596; Aug. 22.
Oxygen compounds, Treating organic. E. Slatineanu. 2,151,168; Mar. 21.
Oxygen concentration in a gaseous medium, Method and apparatus for indicating. F. R. Collbohm. 2,166,104; July 18.
Oxygen-convertible compositions. T. F. Bradley. 2,166,542; July 18.
Oxygen derivatives of cativic acid and preparing them. N. L. Kalman. 2,152,742; Apr. 4.
Oxygen distributor. F. G. Manson. 2,174,523; Oct. 3.
Oxygen-generating composition. M. L. Heim and K. Fiedler. 2,170,052; Aug. 22.
Oxygen inhaling assembly. A. W. Adolphsen. 2,166,574; July 18.
Oxygen liberating compositions. K. A. Gerson. 2,160,542; May 30.
Oxygen, Method and apparatus for evaporating liquid. J. A. Mathis and R. W. Milan. 2,158,458; May 16.
Oxygen therapy apparatus, Portable. F. A. Hetessy. 2,180,631; Nov. 21.
Oxygen yielding compositions. P. Balz and A. Hloch. 2,143,367; Jan. 10.

Oxyketones and derivatives thereof and making same, Polynuclear cyclic. L. Ruzicka and A. Wettstein. 2,143,453; Jan. 10.
Ozonizer. M. J. Napier. 2,155,675; Apr. 25.
Ozonizer, Adjustable. M. J. Napier. 2,155,676; Apr. 25.
Pack, Florist's. C. R. Keller. 2,150,550; Mar. 14.
Package. C. V. Brown. 2,181,506; Nov. 28.
Package. W. C. Calvert. 2,167,634; Aug. 1.
Package. J. S. Cromelin. 2,143,866; Jan. 17.
Package. H. T. Dahlgren. 2,165,539; July 11.
Package. G. S. Frost. 2,157,407; May 9.
Package. A. G. Hewitt. 2,181,329; Nov. 28.
Package. M. Knorpp. 2,158,756; May 16.
Package. J. W. Little. 2,155,668; Apr. 25.
Package. W. J. McDonald. 2,179,377; Nov. 7.
Package. M. Nell. 2,173,235; Sept. 19.
Package. H. M. Ramel and O. M. Storey. 2,151,486; Mar. 21.
Package. D. Ray. 2,163,060; June 20.
Package. L. L. Salfisberg. 2,147,384; Feb. 14.
Package. P. P. Sanford. 2,182,932; Dec. 12.
Package. J. A. Schwantes. 2,177,999; Oct. 31.
Package advancing mechanism. T. Petersen. 2,180,548; Nov. 21.
Package and article carrier. S. Erlanger and D. E. Anderson. 2,179,844; Nov. 14.
Package and attaching match container thereto. M. L. P. Hagerty. 2,148,459; Feb. 28.
Package and closure therefor. G. W. Knapp. 2,175,058; Oct. 3.
Package and display, Merchandise. F. J. and P. P. Addis. 2,147,134–5; Feb. 14.
Package and forming the same. D. M. McBean. 2,166,171; July 18.
Package and making the same. J. W. Fay. 2,177,698; Oct. 31.
Package and making the same. H. F. Waters. 2,159,835; May 23.
Package and material for forming the same. H. F. Waters. 2,166,513; July 18.
Package and packaging, Display. E. L. Mott. 2,152,079; Mar. 28.
Package and part thereof. B. D. Brown. 2,162,880; June 20.
Package and parts thereof. H. W. Robinson. 2,175,917; Oct. 10.
Package and parts thereof, Nontamperable. J. C. Kosar. 2,153,428; Apr. 4.
Package and parts thereof, Sealed. W. L. McNamara and J. Errett. 2,153,426; Apr. 4.
Package and stand, Display. J. O. Bryan. 2,147,086; Feb. 14.
Package, Bale tie. H. W. Hill. 2,146,118; Feb. 7.
Package-binder cutter. H. C. Lau. 2,184,960; Dec. 26.
Package binding. J. M. McGregor and H. C. Porter. 2,154,762; Apr. 18.
Package binding device. J. R. Burns. 2,145,339; Jan. 31.
Package, Candy. W. J. McDonald. 2,179,376; Nov. 7.
Package carrier for dispensers, Display. J. McKool. 2,151,352; Mar. 21.
Package, Collapsible. J. W. Simmons. 2,178,499; Oct. 31.
Package, Commercial. H. J. Quinlan. 2,157,740; May 9.
Package, Correspondence. H. W. Davis. 2,147,428; Feb. 14.
Package, Corrugated fastener. W. C. Kronquest. 2,145,358; Jan. 31.
Package dispensing. T. Armstrong. 2,170,230; Aug. 22.
Package, Dispensing. J. F. Cadden and E. T. Roetman. 2,177,863; Oct. 31.
Package, Display. T. S. Dowst. 2,151,503; Mar. 21.
Package fabrication. L. L. Salfisberg. 2,147,383; Feb. 14.
Package filling machine. M. R. Frazier. 2,144,569; Jan. 17.
Package, Florist's. J. B. Clow. 2,176,955; Oct. 24.
Package, Food. R. B. Frazier. 2,150,058; Mar. 7.
Package for a length of tubular material. F. W. Sullivan. 2,183,876; Dec. 19.
Package for attachment to shower nozzles. I. M. Hartman. 2,179,932; Nov. 14.
Package for dispensing paper sheets. A. R. Lawson. 2,165,107; July 4.
Package for explosives. F. J. Rape. 2,184,166; Dec. 19.
Package for food products and the like. S. H. Berch. 2,163,017; June 20.
Package for fragile articles. H. Burack. 2,177,241; Oct. 24.
Package for infusing material. C. Luckhaupt. 2,146,753; Feb. 14.
Package for light-sensitive photographic materials. E. P. Flynn. 2,144,453; Jan. 17.
Package for nasal filter mats, Special. W. C. Lawrence, Jr. 2,142,276; Jan. 3.
Package for needles and the like. E. P. Byrnes and E. D. Davis. 2,166,714; July 18.
Package for pies and the like. M. P. Chaplin and R. L. Emery. 2,146,719; Feb. 14.
Package for plastic material. C. A. Nelson. 2,171,708; Sept. 5.
Package for razor blades and the like. W. H. Huenergardt. 2,144,680; Jan. 24.
Package for stapling machines, Supply. C. I. Tager. 2,161,540; June 6.
Package forming system, Fluid. L. L. Salfisberg. 2,166,643; July 18.
Package insert adaptable for the mounting of fine filamentous thread in annular package form. C. A. Huttinger. 2,153,420; Apr. 4.
Package, Mailing. G. Loth. 2,144,071; Jan. 17.
Package making machine. F. B. Stone, R. C. Arquette, and C. F. and R. J. Rossetter. 2,181,214; Nov. 28.
Package of abrasive strips. R. T. Pitt. 2,159,634; May 23.
Package of gummed bands or stickers. J. D. Lane. 2,170,147; Aug. 22.
Package of reversible thermoplastic impression composition. L. E. Harrison. 2,178,663; Nov. 7.
Package opening device. O. Anderson. 2,178,157; Oct. 31.
Package or the like, Cake. T. C. Weltmer. 2,156,556; May 2.
Package or wrapper. H. R. Segal. 2,143,172; Jan. 10.
Package, Paper. F. G. Steiner. 2,170,540; Aug. 22.
Package, Paper dispensing. A. R. Lawson. 2,165,106; July 4.
Package, Plant. M. R. Mulford and H. Z. Gray. 2,150,453; Mar. 14.
Package receiving device. J. A. Keane, F. J. Kittredge, and A. P. Burns. 2,169,322; Aug. 15.
Package, Releasable. P. M. Rogers. 2,156,267; May 2.
Package, Thumbtack. E. Helm and J. Wolk. 2,152,847; Apr. 4.
Package tier. A. B. Westman. 2,144,133; Jan. 17.
Package, Tooth brush dispensing. J. D. Peters. 2,179,160; Nov. 7.
Packaging. F. W. Nitardy. 2,176,923; Oct. 24.
Packaging and resulting articles. R. G. Drew. 2,183,330; Dec. 12.
Packaging machine. W. S. Reynolds. 2,173,860; Sept. 26.
Packaging, Method and machine for. R. S. Davis. 2,172,835; Sept. 12.
Packages, Apparatus for and method of sealing wrapped. W. S. Thompson. 2,171,459; Aug. 29.
Packages, Apparatus for testing textile. R. Little and F. W. Fraim. 2,157,135; May 9.
Packages, Making. D. E. Maxfield. 2,146,308; Feb. 7.
Packages, Making. R. K. Slocum. 2,148,587; Feb. 28.
Packages, Making sealed. D. E. Maxfield. 2,160,367; May 30.
Packages, Method and apparatus for making. C. W. Vogt. 2,156,466; May 2.
Packages, Method of and apparatus for making. D. E. Maxfield. 2,145,941; Feb. 7.
Packages, Sealing and handle attaching device for. M. Goldschmidt. 2,179,037; Nov. 7.
Packages with wire, Method and machine for binding. E. Hoffmann. 2,143,316; Jan. 10.
Packages, Wrapping. W. A. Ringler. 2,168,583; Aug. 8.
Packaging. R. M. Bergstein. 2,166,389; July 18.
Packaging. D. H. Edwards. 2,164,505; July 4.
Packaging. G. R. Webber and T. R. Baxter. 2,157,193; May 9.
Packaging. G. R. Webber, P. W. Fleischer, and G. W. von Hofe. 2,157,194; May 9.
Packaging. T. C. Weltmer. 2,160,183; May 30.
Packaging. E. N. Winslow. 2,149,378; Mar. 7.
Packaging and package-making machine. F. E. Bickford. 2,147,632; Feb. 21.
Packaging and weighing machine. S. R. Howard. 2,162,219; June 13.
Packaging apparatus. L. E. Davies. 2,158,675; May 16.
Packaging for iron sheets and the like, Rust preventive. H. N. Simpson. 2,156,357; May 2.
Packaging machine. R. N. Doble. 2,165,841; July 11.
Packaging machine. A. W. Lindholm and G. W. Anderson. 2,162,263; June 13.
Packaging machine. J. Mazer. 2,149,400; Mar. 7.
Packaging machine. W. S. Reynolds. 2,160,518; May 30.
Packaging machine. G. A. Robinson. 2,168,241; Aug. 1.
Packaging machine, Alignment controlled. L. L. Salfisberg. 2,162,230; June 13.
Packaging mechanism. J. W. Thomas. 2,160,992; June 6.
Packaging, Method and apparatus for. A. J. Cordrey and M. Wagner. 2,156,561; May 2.
Packaging process and medium. T. A. McCoy. 2,168,651; Aug. 8.
Packaging structure. R. M. Bergstein. 2,170,364; Aug. 22.
Packer. J. O. Brumbly. 2,182,549; Dec. 5.
Packer. R. E. Fulkerson. 2,156,939; May 2.
Packer. E. P. Halliburton. 2,173,903; Sept. 26.
Packer. L. F. Lamb. 2,150,228; Mar. 14.
Packer. J. W. MacClatchie. 2,182,899; Dec. 12.
Packer. T. S. Park. 2,144,026; Jan. 17.
Packer. F. A. Thaheld. 2,165,687; July 11.
Packer, Casing. W. W. Smith. 2,177,601; Oct. 24.
Packer, Cementing. J. Guest. 2,173,201; Sept. 19.
Packer, Flour. D. Belcher. 2,142,990; Jan. 10.
Packer for oil wells, Cementing. J. R. Bradshaw. 2,173,351; Sept. 19.
Packer for solid refrigerants. H. S. Houghton. 2,170,969; Aug. 29.
Packer lock. R. N. Bean. 2,155,380; Apr. 25.
Packer, Lug type soil. H. Adkinson. 2,176,984; Oct. 24.
Packer, Oil. A. L. Freedlander. 2,143,106; Jan. 10.
Packer, Rat hole. J. E. Weiler. 2,172,948; Sept. 12.

Packer, Rotatable. J. W. MacClatchie. 2,164,857; July 4.
Packer, Well. A. Pranger. 2,160,515; May 30.
Packet for safety razor blades. A. J. Farmer. 2,158,049; May 9.
Packing. G. Augustin. 2,171,968; Sept. 5.
Packing. O. D. H. Bentley. 2,175,868; Oct. 10.
Packing. N. A. Christensen. 2,180,795; Nov. 21.
Packing. A. L. Freedlander. 2,151,096; Mar. 21.
Packing. J. W. MacClatchie. 2,144,736; Jan. 24.
Packing. W. J. Schwertfeger. 2,164,025; June 27.
Packing and insulating material. W. J. Kropp. 2,166,926; July 18.
Packing, Compound helical. M. G. Kurth. 2,162,555; June 13.
Packing device. D. D. Robertson and G. L. Briggs. 2,157,865; May 9.
Packing device for relatively rotatable parts. A. C. Basebe and H. Sinclair. 2,151,730; Mar. 28.
Packing device, Interior. R. H. Van Saun. 2,183,177; Dec. 12.
Packing device, stuffing box, and the like. J. Mercier. 2,157,299; May 9.
Packing element. C. S. Crickmer and R. A. Lamb. 2,184,634; Dec. 26.
Packing element. F. J. Spang. 2,143,746; Jan. 10.
Packing, Engine. R. C. Payne. 2,156,227; Apr. 25.
Packing, Fluid. R. S. Condon. 2,168,818; Aug. 8.
Packing for pistons, Metallic. W. S. Adams. 2,156,796; May 2.
Packing for rotating axles or shafts, Oil and dust. F. Pesarese. 2,177,441; Oct. 24.
Packing for the shafts of rotary machines, turbines, and the like. G. Huhn. 2,149,524; Mar. 7.
Packing gland mounting. T. E. Boyer and L. P. Stockman. 2,182,246; Dec. 5.
Packing, Glass wool. A. D. Saborsky. 2,160,001; May 30.
Packing head for oil wells. A. L. Stone and F. R. Seaver. 2,148,844; Feb. 28.
Packing head, Oil well. F. and A. L. Stone. 2,163,813; June 27.
Packing, Hydraulic piston. W. F. Huck. 2,149,294; Mar. 7.
Packing, Labyrinth. A. J. Larrecq. 2,159,766; May 23.
Packing machine. V. W. Gordon. 2,143,847; Jan. 17.
Packing machine. A. Novotny. Re. 21,288; Dec. 5.
Packing machine for containers and the like. A. Sowden. 2,184,474; Dec. 26.
Packing, Machinery. N. B. Miller. 2,183,336; Dec. 12.
Packing, Making mechanical. A. F. Wentzell. 2,174,431; Sept. 26.
Packing material. D. S. Brigham and W. J. Schwertfeger. 2,168,317; Aug. 8.
Packing material. J. A. Campbell and S. C. Carter. 2,183,347; Dec. 12.
Packing material. C. S. Crickmer and R. A. Lamb. 2,182,251; Dec. 5.
Packing material, Composite. G. E. Schwarz. 2,184,087; Dec. 19.
Packing material for fractionating and scrubbing towers. R. V. Kleinschmidt. 2,143,015; Jan. 10.
Packing means. M. G. Scott. 2,160,292; May 30.
Packing means for hollow ware. C. K. Lavere. 2,142,518; Jan. 3.
Packing means for joints. P. Wills. 2,156,662; May 2.
Packing, Mechanical. E. A. France. 2,165,845; July 11.
Packing mold. H. C. Mack. 2,178,209; Oct. 31.
Packing or wrapping for viscous liquids and pasty materials. E. Piquerez. 2,147,349; Feb. 14.
Packing, Pipe joint. J. E. Miller. 2,158,829; May 16.
Packing ring. W. R. King. 2,172,141; Sept. 5.
Packing rings, Making helical. M. G. Kurth. 2,152,893; Apr. 4.
Packing, Rod. W. K. Queen. 2,151,356; Mar. 21.
Packing, Rotary. H. T. Wheeler. 2,148,093; Feb. 21.
Packing spacer. E. P. Sherman. 2,167,555; July 25.
Packing strip. C. J. Randall. 2,144,082; Jan. 17.
Packing, Valve stem. D. D. Robertson and G. L. Briggs. 2,157,866–7; May 9.
Packing, Water pump. W. A. Geise. 2,182,226; Dec. 5.
Packing with reinforced back, Plastic. F. E. Payne. 2,173,744; Sept. 19.
Packings, linings and the like, Assembling. G. Huhn. 2,176,816; Oct. 17.

Pad: *See*—
- Abrasive supporting pad.
- Adjustable treatment pad.
- Applicator pad.
- Arch supporting pad.
- Chemical heating pad.
- Cooling pad.
- Desk pad.
- Disinfectant pad.
- Eyeglass pad.
- Foot-relief pad.
- Ink pad.
- Ink transfer pad.
- Hair waving pad.
- Heating pad.
- Hernia pad.
- Horse collar pad.
- Lamp and desk pad.
- Laundry ironing and drying roll pad.
- Milk pad.
- Multiple copy pad.
- Permanent wave pad.
- Pressure pad.
- Protective pad.
- Refrigerating pad.
- Sanding drum pad.
- Shoe press pad.
- Shoulder pad.
- Toe pad.
- Tooth cleaning pad.
- Upholstery pad.
- Wrist strap note pad.

Pad. A. A. Morelli. 2,161,720; June 6.
Pad and making same, Permanent waving. H. Bonat. 2,150,598; Mar. 14.
Pad and making same, Shoulder. W. H. Hawkins and M. Selditz. 2,170,199; Aug. 22.
Pad attachment for typewriting machines, Type lever. L. Denzer. 2,176,123; Oct. 17.
Pad construction, Shoulder. J. Guiseffi. 2,169,489; Aug. 15.
Pad for duplicating machines, Ink. W. F. Herterich. 2,166,907; July 18.
Pad for fireman's pole, Shock absorber. C. F. Dawson. 2,143,122; Jan. 10.
Pad for garments, Sleeve lifting. J. J. Calleo. 2,149,806; Mar. 7.
Pad for ironer rolls. G. W. Wardwell, Jr. 2,143,724; Jan. 10.
Pad for permanent hair waving, Chemical heating. F. L. Reynolds. Re. 21,276; Nov. 21.
Pad for permanent hair waving, Chemical heating.. F. L. Reynolds. 2,153,677–8; Apr. 11.
Pad for permanent waving, Protector. W. A. Gilbert. 2,171,931; Sept. 5.
Pad for sanders and the like. B. B. Ramey. 2,172,407; Sept. 12.
Pad for the protection and cleaning of ashtrays, Crunch. H. S. Sadtler. 2,167,261; July 25.
Pad forming apparatus. C. W. Avery and J. Vehko. 2,161,123; June 6.
Pad or paper sheet holder, Writing. G. Lindsay. 2,161,362; June 6.
Pad or roll and its use, Duplicating. J. Bjorksten. 2,153,324; Apr. 4.
Pad receptacle. D. Madsen. 2,149,612; Mar. 7.
Pads, Fabricating hollow. M. A. Savage. 2,154,217; Apr. 11.
Pads, Making press. A. and M. Levine. 2,172,767; Sept. 12.
Pads, Making shoe press. W. C. Durham and L. E. Best. 2,168,285; Aug. 1.
Padding for inner trim panels, Preparing. L. N. Stemper. 2,155,875; Apr. 25.
Padding for laundry rolls, Tapered. J. R. Crockford. 2,146,670; Feb. 7.
Padding, Ironer roll. W. D. Ellis, III. 2,158,006; May 9.
Padding rack. E. B. Harry. 2,170,301; Aug. 22.
Padlock. G. W. Aldeen. 2,148,226; Feb. 21.
Padlock. K. A. Brauning. 2,154,660; Apr. 18.
Padlock. W. E. Evans. 2,169,895; Aug. 15.
Padlock. F. E. Raymond. 2,163,311; June 20.
Padlock. H. E. Soref. 2,160,294; May 30.
Padlock, Combination. C. Ledin. 2,175,808; Oct. 10.
Padlock, Combination. J. K. Marshall and S. M. Soref. 2,173,720; Sept. 19.
Padlock, Combination. S. M. Soref and J. K. Marshall. 2,169,907; Aug. 15.
Padlock, Permutation. H. L. McInturff. 2,157,555; May 9.
Padlock, Permutation. A. W. Molinare. 2,155,732; Apr. 25.
Padlock, Permutation. M. Quintal. 2,159,291; May 23.
Page and line synchronizing apparatus. M. Artzt. 2,176,949; Oct. 24.
Page and signaling device. J. Vrtel. Re. 21,250; Oct. 24.
Page end signaling device. J. Vrtel. 2,148,715; Feb. 28.
Pail. T. H. Desper. 2,172,789; Sept. 12.
Pail attachment, Utility. C. W. Carlson. 2,151,895; Mar. 28.
Paint. R. S. Edwards. 2,172,997; Sept. 12.
Paint. W. T. Hancock. 2,157,205; May 9.
Paint. W. Roohadze. 2,144,166; Jan. 17.
Paint. F. A. Strauss. 2,184,324; Dec. 26.
Paint advertising device. W. J. Dallinger. 2,162,065; June 13.
Paint, Alkyd resin. F. Frick. 2,178,474; Oct. 31.
Paint and the like and nozzle therefor, Device for spraying. A. H. Downs. 2,172,193; Sept. 5.
Paint and the like, Device for dispensing and mixing. N. Grubelic. 2,158,773; May 16.
Paint and varnish remover and method for use. G. F. Hoffmann. 2,176,995; Oct. 24.
Paint applying device. E. B. Smith. 2,156,270; May 2.
Paint box, Water color. C. C. Conway, Jr., and C. C. Morrison. 2,165,345; July 11.
Paint, Casein. H. A. Scholz. 2,167,221; July 25.
Paint, Casein. W. L. Tanner. 2,143,334; Jan. 10.
Paint composition. E. L. Metcalf. 2,146,126; Feb. 7.
Paint composition. L. E. Mills. 2,153,842; Apr. 11.
Paint composition, Casein. H. A. Scholz. 2,154,362; Apr. 11.
Paint dispensing machine. N. Grubelic. 2,158,774; May 16.
Paint for wet surfaces, Oil. H. A. Scholz. 2,183,227; Dec. 12.
Paint, Manufacture of. E. C. De Stubner. 2,149,282; Mar. 7.
Paint mill. J. D. White. 2,167,700; Aug. 1.
Paint, Mixed. E. C. Burwell. 2,151,184; Mar. 21.
Paint refill ejector. J. C. Perrin and E. E. Disbrow. 2,154,580; Apr. 18.
Paint, Ship bottom. G. Capurro. 2,182,840; Dec. 12.
Paint striper. R. A. Pfleger. 2,165,812; July 11.
Paint striping device. A. H. Dahmen. 2,174,567; Oct. 3.
Paint, Using metallic. H. A. Sweeney and L. D. Pangborn. 2,176,597; Oct. 17.
Paint, varnish, and enamel vehicles, Preparation of pale. H. C. Cheetham and W. L. Evers. 2,153,512; Apr. 4.

Paint, Water paste. C. Iddings. 2,154,401; Apr. 11.
Paint, Waterproof. L. E. Rutter. 2,143,387; Jan. 10.
Paint, Waterproof. C. V. Smith. 2,170,163; Aug. 22.
Painting, Dry color. C. C. Morrison. 2,147,310; Feb. 14.
Painting machine. S. Brand. 2,167,063; July 25.
Paints, Manufacture of. H. B. Kipper. 2,171,851; Sept. 5.
Palette, Paint box. S. W. Wallace. 2,166,616; July 18.
Pallet. G. G. Raymond and W. C. House 2,178,646; Nov. 7.
Pallet and roller jewel setter. I. Gaston. 2,181,971; Dec. 5.
Pallet construction. C. L. Clark. 2,148,150; Feb. 21.
Pallet construction. W. J. Powell. 2,152,086; Mar. 28.
Pallet conveyer, Wheel type. H. W. Wylie. 2,172,926; Sept. 12.
P-aminobenzene-sulphonamide, Maltoside and preparing the same. H. Klingel and W. C. MacLennan. 2,167,719; Aug. 1.
p-amino-benzenesulphonamide, Water soluble derivative of. J. Ebert. 2,143,829; Jan. 10.
p-amino-benzenesulpnonamide, Water soluble derivative of. of. J. Ebert. 2,182,075; Dec. 5.
Pamphlet and envelope incorporated therein. C. W. Townsend. 2,145,500; Jan. 31.
Pan and collector, Dust. O. Jarchow. 2,164,407; July 4.
Pan, Baking. C. E. Stainbrook. 2,182,215; Dec. 5.
Pan, Bun. J. E. Strietelmeier. 2,168,005–6; Aug. 1.
Pan, Draining drying. W. R. and I. L. Penrose. 2,157,303; May 9.
Pan, Flower. H. T. Lester. 2,150,605; Mar. 14.
Pan for condensing milk products, Vacuum. H. W. Brock. 2,149,954; Mar. 7.
Pan for flush tanks, Drip. F. C. Braatz. 2,156,174; Apr. 25.
Pan for grills, Grease. F. C. Wilson. 2,175,333; Oct. 10.
Pan for harvesting machines, Grain. T. N. Pierson. 2,161,634; June 6.
Pan, Gold. W. L. Boekel. 2,178,390; Oct. 31.
Pan, Hearth bread. R. C. Oltman. 2,150,864; Mar. 14.
Pan, Liquid applying. L. R. Lankes and G. F. Nadeau. 2,168,997; Aug. 8.
Pan, Multiple. A. L. Langel. 2,174,703; Oct. 3.
Pan, Multiple unit hearth bread baking. J. G. Jackson. 2,150,623; Mar. 14.
Pan, Pastry. L. C. Shelton and M. E. Rodgers. 2,167,729; Aug. 1.
Paint preservation. L. E. Mills. 2,153,841; Apr. 11.
Pan raising and lowering mechanism, Grain. T. N. Pierson. 2,170,573; Aug. 22.
Pan structure, Hearth. J. E. Chandonia. 2,168,470; Aug. 8.
Pan unit. E. H. Chandonia. 2,143,728; Jan. 10.
Pane fastener. A. Bendele. 2,149,385; Mar. 7.
Pane holding device and the like, Window. L. Lamer. 2,183,683; Dec. 19.
Panel. T. J. Colleran. 2,157,162; May 9.
Panel. E. J. Shields. 2,178,729; Nov. 7.
Panel. P. Zalkind. 2,144,646; Jan. 24.
Panel and means for securing the same, Ornamental wall. R. A. Weinland. 2,145,469; Jan. 31.
Panel and method of making. J. J. Whelan. 2,154,143; Apr. 11.
Panel and support therefor. R. W. Shannon. 2,158,732; May 16.
Panel assembly, Curved. G. D. Schermerhorn. 2,153,596; Apr. 11.
Panel, Bendable. E. E. Alexander. 2,142,771; Jan. 3.
Panel board. M. H. Albers. 2,165,203; July 11.
Panel board. H. G. Baxter. 2,179,318; Nov. 7.
Panel board. W. H. Frank and J. W. Harper. 2,147,023; Feb. 14.
Panel board. W. P. McWhorter. 2,156,479; May 2.
Panel board wiring apparatus. E. C. W. Johnson. 2,182,847; Dec. 12.
Panel boards and parts thereof. W. H. Frank and L. E. Fisher. 2,162,344; June 13.
Panel building construction. R. M. Calkins and J. W. Swank. 2,148,434; Feb. 28.
Panel damping structure. T. M. Prudden. 2,166,848; July 18.
Panel, Distribution. W. H. Frank, J. A. Messing, and C. T. Hollingsworth. 2,158,658; May 16.
Panel, Electric. L. E. Klingon. 2,145,447; Jan. 31.
Panel, Fabricated metal. L. S. Lachman. 2,148,698; Feb. 28.
Panel fastener. H. J. Woodall. 2,150,476; Mar. 14.
Panel for beds, Detachable side. J. A. Wolfe. 2,164,484; July 4.
Panel for carriages, Masking. N. J. and S. Kroll. 2,177,833; Oct. 31.
Panel for lamp shades and the like, Picture display. G. and S. Buzick. 2,177,204; Oct. 24.
Panel, Heat insulating. L. T. Sibley and R. J. Scott. 2,180,373; Nov. 21.
Panel, Hollow. J. Le Gall. 2,171,358; Aug. 29.
Panel, Instrument. A. W. Hills. 2,145,931; Feb. 7.
Panel, Insulating wall. C. T. Hatch and I. R. Swanson. 2,170,637; Aug. 22.
Panel, Making a flanged. M. Clements. 2,149,882; Mar. 7.
Panel mounting. W. B. Fageol. 2,173,435; Sept. 19.
Panel or the like, Laminated moisture resistant insulating. M. S. Randall and G. E. Kasch. 2,147,058; Feb. 14.
Panel, Sliding roof. M. Marchenko. 2,160,366; May 30.
Panel structure for ranges, Top-front. T. E. Taylor. 2,160,765; May 30.
Panel, Upholstery trim. M. S. Randall. 2,150,458; Mar. 14.
Paneling and erecting the same, Interior. F. M. Small. 2,178,817; Nov. 7.
Paneling, Removable. E. J. W. Ragsdale and W. G. Tilsher. 2,150,130; Mar. 7.
Panels, Forming inner trim. A. H. Haberstump. 2,150,030; Mar. 7.
Panels, Insulating. E. O. Groskopf. 2,180,305; Nov. 14.
Panels, Making. A. R. Welch. 2,183,599; Dec. 19.
Panels, Making building. O. Neesen and F. A. Siess. 2,157,622; May 9.
Panels, Preparing padded inner trim. C. W. Avery. 2,172,648; Sept. 12.
Panoramic device. J. Crespo. 2,182,334; Dec. 5.
Pants hanger. C. J. Hunt. 2,148,200; Feb. 21.
Pants, Negligee. T. B. Terry. 2,176,826; Oct. 17.
Pants reversing device. O. L. Kirkland and F. S. Dygard. 2,143,244; Jan. 10.
Pants, Rubber. A. N. Spanel. 2,177,308; Oct. 24.
Paper, Adhesive coated. H. R. Dalton. 2,167,711; Aug. 1.
Paper, Adhesive-coated. H. R. Dalton. 2,170,654; Aug. 22.
Paper and cloth, Manufacture of sensitized photographic printing. J. Holden. 2,158,422; May 16.
Paper and like materials, Method and apparatus for testing the folding endurance of. J. D. Clark. 2,179,116; Nov. 7.
Paper and making same, Creped. B. Asnes. 2,168,895; Aug. 8.
Paper and making same, Safety. F. L. Simons. 2,172,856; Sept. 12.
Paper and making such paper, High wet strength. C. A. Anderson. 2,146,281; Feb. 7.
Paper and making the same. R. W. Hovey. 2,173,167; Sept. 19.
Paper and making the same, Dyed. L. W. Porter. 2,153,697; Apr. 11.
Paper and manufacture thereof, Coated and impregnated. N. E. Oglesby. 2,173,129; Sept. 19.
Paper and manufacture thereof, Treated and coated. N. E. Oglesby. 2,173,130; Sept. 19.
Paper and paper making. P. Poetschke. 2,171,986; Sept. 5.
Paper, etc., Device for carrying sheets of. R. Casciotti. 2,147,963; Feb. 21.
Paper, Apparatus for making. G. T. Lane and W. Butterfield. 2,168,996; Aug. 8.
Paper, Apparatus for shaping. W. Lockhart. 2,178,121; Oct. 31.
Paper bag. O. H. Hultin. 2,162,258; June 13.
Paper bag. D. E. Scott. 2,162,285; June 13.
Paper bedpan cover. J. F. Hamje. 2,173,686; Sept. 19.
Paperboard and the like, Producing laminated. C. G. Dreymann. 2,152,732; Apr. 4.
Paper can. C. T. Walter. 2,158,165; May 16.
Paper, Carbon. A. K. Ohashi. 2,183,580; Dec. 19.
Paper carriage for accounting machines. W. A. Anderson. 2,174,357; Sept. 26.
Paper carrier sheet for tacky rubber and making same. G. W. Coggeshall. 2,173,097; Sept. 19.
Paper, Cigarette. E. C. Pitman. 2,179,953; Nov. 14.
Paper clip. J. D. Melehes. 2,152,075; Mar. 28.
Paper clip, Closed spiral. H. D. Randall. 2,153,724; Apr. 11.
Paper, Coating. L. W. Porter. 2,177,580; Oct. 24.
Paper, Copying. M. P. Schmidt. 2,146,515; Feb. 7.
Paper, Creping and coating. B. Asnes. 2,168,896; Aug. 8.
Paper cut-out. N. Spots. 2,170,953; Aug. 29.
Paper cutting and folding mechanism. H. Josephs. 2,177,722; Oct. 31.
Paper cutting or slitting machine. H. Nicholas. 2,142,799; Jan. 3.
Paper, Decalcomania. F. W. Humphner. 2,147,345; Feb. 14.
Paper die cutting machine. E. H. Curtis, Jr. 2,181,639; Nov. 28.
Paper dispenser. B. E. Colburn. 2,149,276; Mar. 7.
Paper dispenser. M. H. Muse. 2,169,072; Aug. 8.
Paper dispensing cabinet. M. J. West. 2,146,038; Feb. 7.
Paper dispensing device. H. F. and J. H. Ennis. 2,171,648; Sept. 5.
Paper dispensing machine. A. F. Tingle. 2,152,778; Apr. 4.
Paper drilling machine. W. C. Eickman. 2,142,560; Jan. 3.
Paper, Electrolytic recording. P. Talmey. 2,173,141; Sept. 19.
Paper equipment for cash registers. H. W. Clark. 2,160,539; May 30.
Paper fastener. E. S. Roscoe and F. W. Ackerman. 2,160,564; May 30.
Paper fastener. O. A. Ross. 2,182,058; Dec. 5.
Paper fastener. C. I. Wagner. 2,167,920; Aug. 1.
Paper feeding and reloading mechanism. A. B. Egger. 2,178,783; Nov. 7.
Paper feeding device. G. Ghertman. 2,181,992; Dec. 5.
Paper-feeding device. C. C. Rose. 2,172,913; Sept. 12.
Paper feeding machine. H. Hallstream. 2,144,057; Jan. 17.

Paper feeding mechanism. F. E. Curtis. 2,165,232; July 11.
Paper feeding mechanism. W. B. Payne. 2,144,930; Jan. 24.
Paper feeding mechanism. J. Q. Sherman and A. W. Metzner. 2,160,916; June 6.
Paper feeding mechanism. J. G. Vergobbi. 2,147,223; Feb. 14.
Paper, film, or the like, Manufacturing continuous coated sheets of. R. E. Smith and K. T. Molin. 2,168,051; Aug. 1.
Paper folding and box lidding device. F. A. Randall and J. D. Cantoni. 2,148,037; Feb. 21.
Paper for bending, Preparing. H. B. Allen. 2,173,927; Sept. 26.
Paper for nitration. G. A. Richter. 2,159,675; May 23.
Paper for security, documents and manufacture thereof. S. B. Chamberlain. 2,143,406; Jan. 10.
Paper from wheat, oat, or rye straw. Making. A. J. Marcham and N. Reynolds. 2,164,192; June 27.
Paper handling mechanism. H. Hefti. 2,162,430; June 13.
Paper-handling mechanism for duplicating machines. A. Marchev and R. F. Morrison. 2,175,667; Oct. 10.
Paperhanging machine. L. J. Swertfeger. 2,148,845; Feb. 28.
Paper holder. L. M. Harvey. 2,164,817; July 4.
Paper holder. J. K. Smith. 2,149,796; Mar. 7.
Paper holding and feeding apparatus for computing machines. W. A. Anderson. 2,182,108; Dec. 5.
Paper imprinter. T. A. Loris. 2,181,435; Nov. 28.
Paper in printing presses, Mechanism for drying the. G. A. Friess. 2,148,739; Feb. 28.
Paper, Laminated. V. H. Wilshire. 2,171,775; Sept. 5.
Paper locking device, Recording. R. R. Chappell and R. B. Colt. 2,167,417; July 25.
Paper machine, Cylinder. W. W. Metcalf. 2,162,097; June 13.
Paper machine suction slice. L. Hornbostel. 2,165,549; July 11.
Paper machinery. A. E. Bridge. 2,164.445; July 4.
Paper, Making and bleaching. H. O. Kauffmann and G. M. Wolfe, Jr. 2,150,926; Mar. 21.
Paper making apparatus. B. M. Baxter. 2,156,445; May 2.
Paper making apparatus. C. W. Howard. 2,162,403; June 13.
Paper making apparatus. C. W. Howard. 2,184,189; Dec. 19.
Paper making machine. W. H. Millspaugh. 2,144,770; Jan. 24.
Paper-making machine, Cylinder. W. M. Leeson. 2,148,376; Feb. 21.
Paper making machine, Vacuum forming. E. E. Berry. 2,154,719; Apr. 18.
Paper making machinery. J. B. Mehaffey. 2,182,928; Dec. 12.
Paper making machines, Apparatus for pressing a moving web in. H. S. Hill. 2,174.744; Oct. 3.
Paper making machines, Loose-belt drive for. B. A. Malkin. 2,176,431; Oct. 17.
Paper making machines, Vacuum mechanism. A. E. Broughton. 2,147,877; Feb. 21.
Paper-making method. J. A. Reitzel. 2,151,357; Mar. 21.
Paper-making process. D. K. Pattilloch. 2,147,213; Feb. 14.
Paper, Making stretchable. C. C. Sherman. 2,169,505; Aug. 15.
Paper manufacturing. G. S. Carroll. 21,098; May 30.
Paper manufacture. J. E. Plumstead. 2,178.606; Nov. 7.
Paper manufacture. W. G. Reynolds. 2,174,095; Sept. 26.
Paper, Manufacture of. L. L. Larson. 2,184,307; Dec. 26.
Paper, Manufacture of. W. J. Merrill. 2,184,312; Dec. 26.
Paper, Manufacture of calcium sulphite filled. F. G. Rawling. 2,154,995–6; Apr. 18.
Paper, Manufacture of carbon. J. Burgmer. 2,183,474; Dec. 12.
Paper. Manufacturing cigarette. R. Braunstein. 2,145,151; Jan. 24.
Paper, Manufacturing reinforced. W. H. Millspaugh. 2,148,490; Feb. 28.
Paper, Method and apparatus for tearing corrugated. H. Ringel. 2,149,869; Mar. 7.
Paper, Ornamentally coloring. E. F. Bassford. 2,180,387; Nov. 21.
Paper packages, Method and apparatus for forming. W. S. Cloud. 2,180,338; Nov. 21.
Paper packaging, Waxed. J. J. Warshaw. 2,150,998; Mar. 21.
Paper padding or tableting press. J. L., A. C., and C. S. Goines. 2,169,341; Aug. 15.
Paper, Photographic backing. E. L. Baxter. Re. 21,268; Nov. 21.
Paper, Pregummed hanging. H. F. Bauer. 2,183,532; Dec. 19.
Paper, Process and apparatus for the manufacture of. E. A. Charlton. 2,168,560; Aug. 8.
Paper products, Manufacture of printed. H. M. Russell and M. H. Sidebotham. 2,153,846; Apr. 11.
Paper protector, Printing press. L. T. Barker. 2,168,613; Aug. 8.
Paper pulp, Making. E. P. Jones. 2,161,763; June 6.
Paper pulp, Method and apparatus for treating. M. L. Edwards. 2,148,448; Feb. 28.
Paper pulp refining apparatus. J. E. Bond. 2,150,357; Mar. 14.
Paper receptacle. J. P. Markert. 2,170,420; Aug. 22.
Paper refining engine plug. H. D. Martindale. 2,146,830; Feb. 14.
Paper, Reinforced building. T. J. Fraber. 2,142,471; Jan. 3.
Paper roll cutting machine, Jacquard card and verdol. N. Jones. 2,180,058; Nov. 14.
Paper roll dispenser. W. V. Hunt. 2,174,190; Sept. 26.
Paper roll holder. H. Harvey. 2,164,064; June 27.
Paper roll holder. L. A. Wagner. 2,182,831; Dec. 12.
Paper scoring device, Examination. H. R. Strongman. 2,142,419; Jan. 3.
Paper sheet breaking apparatus. F. T. Sheedy and L. Traung. 2,174,112; Sept. 26.
Paper sheet feeding mechanism. R. Klemm. 2,181,241; Nov. 28.
Paper sheets, Arrangement for feeding. N. G. Strömberg. and G. Widlund. 2,169,400; Aug. 15.
Paper, Shelf. K. C. Hamilton. 2,166,352; July 18.
Paper, Sized. J. A. Warren. 2,183,858; Dec. 19.
Paper, Sizing photographic. J. C. Trahey. 2,143,809; Jan. 10.
Paper-slitting device. A. E. Broughton. 2,173,931; Sept. 26.
Paper spacing mechanism for printing machines. H. H. Keen. 2,156,990; May 2.
Paper stock. F. L. Buchanan and R. Guyer. 2,143,840; Jan. 17.
Paper stock, Apparatus for refining. E. Cowles. 2,180,080; Nov. 14.
Paper stuffing machine. J. Hartman and J. G. Campbell. 2,159,987; May 30.
Paper to printing presses, Device for delivering. D. G. Bernard. 2,165,026; July 4.
Paper, Treating. F. De Witt. 2,183,711; Dec. 19.
Paper treatment. H. S. Mitchell. 2,155,731; Apr. 25.
Paper trimming machine. O. T. Gylleck and F. Barney. 2,175,461; Oct. 10.
Paper web, Unified. R. G. Drew. 2,173,829; Sept. 26.
Paper winder. E. E. Berry. 2,176,198; Oct. 17.
Papers, cards, and the like, Apparatus for sorting. E. S. Roscoe. Re. 21,048; Apr. 11.
Papers, Recovering and reusing constituents of waxed. A. M. Hill. 2,183,259; Dec. 12.
Parachute. W. Müller. 2,149,540; Mar. 7.
Parachute. J. H. Pool. 2,164,122; June 27.
Parachute. M. Rousselot, born Tricau. 2,146,990; Feb. 14.
Parachute. H. G. Shaffer. 2,181,611; Nov. 28.
Parachute. P. J. Swofford. 2,175,229; Oct. 10.
Parachute apparatus. G. Waite and H. G. Rogers. 2,164,130; June 27.
Parachute assemblage. S. Switlik. 2,180,182; Nov. 14.
Parachute attachment for airplanes. S. Papp. 2,161,722; June 6.
Parachute braking means. W. B. Schmidt. 2,158,731; May 16.
Parachute device. J. M. McEntegart. 2,175,477; Oct. 10.
Parachute harness. F. Smith. 2,157,504; May 9.
Parachute harness release coupling. G. Waite and H. G. Rogers. 2,171,496; Aug. 29.
Parachute opening means. G. Tomasetta. 2,151,815; Mar. 28.
Parachute Pack. F. Smith. 2,157,505; May 9.
Parachute pack container. F. McCarroll. 2,150,179; Mar. 14.
Parachute pack with a single releasing hook. L. Avorio. 2,155,074; Apr. 18.
Parachute rip cord receding cone. G. A. Jahant. 2,179,506; Nov. 14.
Parachute signal. J. B. Decker. 2,180,667; Nov. 21.
Parachute surface, Manufacture of a. A. Ferrari. 2,164,704; July 4.
Parachute training and amusement device. J. H. Strong. 2,183,594; Dec. 19.
Parachutes, Device for time-controlling the opening of. W. Bird and D. R. Clark. 2,165,954; July 11.
Paraffin, Obtaining pure. F. Schick. 2,151,619; Mar. 21.
Paraffin remover. G. F. Penrod. 2,182,931; Dec. 12.
Paraffin removing device. J. C. Luccous. 2,184,393; Dec. 26.
Paraffin waxes and compositions thereof, High melting point. J. M. Page, Jr. 2,157,625; May 9.
Parallel lines, Drawing. H. L. De Lisle. 2,183,214; Dec. 12.
Parallel motion device. J. Wright. 2,173,146; Sept. 19.
Paralysis, Treatment of range. O. J. Mayfield. 2,173,440; Sept. 19.
Parasiticidal compositions. A. A. Nikitin and J. F. Adams. 2,157,861; May 9.
Parasiticidal compositions. W. B. Parker. 2,163,560; June 20.
Parasiticidal compound and producing the same. R. N. Chipman and F. J. Seibert. 2,164,568; July 4.
Parasiticidal control. F. F. Lindstaedt. 2,158,371; May 16.
Parasiticide. W. P. ter Horst. 2,181,217; Nov. 28.
Parasiticide. D. W. Jayne, Jr. 2,145,214; Jan. 24.

Parasiticide. J. M. Schaffer, P. D. Harwood, and E. E. Wehr. 2,161,261; June 6.
Parasiticide, Stable. J. F. Adams and A. A. Nikitin. 2,172,314; Sept. 5.
Parasol anchor, Beach. J. B. Schroth. 2,168,830; Aug. 8.
Parcel handle. W. F. Harrison. 2,158,697; May 16.
Paring attachment for kitchen knives. J. Potts. 2,144,123; Jan. 17.
Paring machine. W. H. Buchhagen. 2,182,688; Dec. 5.
Parking and show place, Combined. C. J. Williamson. 2,146,103; Feb. 7.
Parking device. J. L. Barr. 2,143,181; Jan. 10.
Parking device. A. C. Hoecker. 2,162,257; June 13.
Parking device. J. H. Moffat and C. H. Taylor. 2,181,907; Dec. 5.
Parking device for automobiles. J. L. Barr. 2,151,828; Mar. 28.
Parking mechanism for automobiles. A. Beacher. 2,158,891; May 16.
Parking meter. J. W. Bullock and C. W. Clementz. 2,147,520; Feb. 14.
Parking meter. R. B. Campbell. 2,179,613; Nov. 14.
Parking meter. A. C. Hitzeman. 2,161,046; June 6.
Parking meter. C. Klemt. 2,161,518; June 6.
Parking meter. R. C. Pierce. 2,153,480; Apr. 4.
Parking meter. D. C. Rockola and A. Vischer, Jr. 2,171,345; Aug. 29.
Parking meter. M. M. Weaver. 2,152,577; Mar. 28.
Parking meter, Electrically operated. F. R. Landrum. 2,150,509; Mar. 14.
Partial pressure indicator. K. L. Hertel. 2,143,775; Jan. 10.
Particles of solid material by flotation, Separating. R. S. Ellis. 2,146,672; Feb. 7.
Particles, Process and apparatus for producing uniform sized. M. F. Perkins and A. J. Phillips. 2,177,551; Oct. 24.
Partition assembly for shipping cases. W. Weidman. 2,143,638; Jan. 10.
Partition door. M. L. Jones. 2,180,112; Nov. 14.
Partition fabricating machine. D. R. Vail and C. G. Dauber. 2,163,923; June 27.
Partition, Folding. M. L. Jones. 2,151,033; Mar. 21.
Partition for luggage. J. H. Plotkin. 2,181,587; Nov. 28.
Partition, Insulating. W. A. Cook. 2,168,299; Aug. 1.
Partition, Stall. J. B. Hewitt. 2,145,831; Jan. 31.
Partition structure. G. M. Mills. 2,160,273–4; Aug. 15.
Partition supporting bracket. P. H. Meyer. 2,176,466; Oct. 17.
Partitioning device. I. Miller. 2,143,788; Jan. 10.
Parts, Joining. G. A. Lyon. 2,162,734; June 20.
Parts, Method of attaching. R. Polivka. 2,177,377; Oct. 24.
Passages, Coating. J. M. Crom. 2,176,891; Oct. 24.
Paste applying device. J. Crighton and R. J. A. Chandler. 2,158,495; May 16.
Paste dispenser. R. N. Shoner. 2,172,521; Sept. 12.
Paste for textile fabrics, Printing. A. A. Claflin. 2,172,833; Sept. 12.
Paste to the plates of electric batteries, Attaching. F. MacCallum. 2,157,961; May 9.
Paste tube cap. V. L. Miller. 2,158,375; May 16.
Paste, Vat color printing. C. F. Miller. 2,174,005; Sept. 26.
Pastes containing penetrating agents and printing therewith, Textile printing. I. F. Chambers and A. L. Fox. 2,174,486; Sept. 26.
Pasting device. T. J. C. Chapman. 2,176,122; Oct. 17.
Pasting machine for battery grids. A. H. Luhrman. 2,175,943; Oct. 10.
Pasting mechanism, Page. H. A. W. Wood. 2,168,547; Aug. 8.
Pasteurizer. J. P. Heil and F. P. Kessler. 2,144,800; Jan. 24.
Pasteurizing apparatus, Electric. B. E. Getchell and J. C. R. Stone. 2,164,009; June 27.
Pasteurizing system. C. P. Frederickson. 2,143,346; Jan. 10.
Pastries and the like, Producing. W. D. Gibson. 2,144,720; Jan. 24.
Pastry cone, Paper. W. H. Brooks. 2,158,688; May 16.
Patch, Making a. T. W. Mullen. 2,157,183; May 9.
Patch-making tool. E. Dugaw. 2,168,766; Aug. 8.
Patch vulcanizing apparatus. F. E. Kite. 2,158,703; May 16.
Patent flat stock and low grade, Treatment of. I. P. Schei. 2,151,805; Mar. 28.
Patrol system. C. Adler, Jr. 2,173,747; Sept. 19.
Pattern control for shuttle changing mechanism. R. G. Turner. 2,162,289; June 13.
Pattern control mechanism. Y. Ruinnet. 2,153,342; Apr. 4.
Pattern-control mechanism. W. S. Tandler and D. Walker. 2,173,488; Sept. 19.
Pattern for kaleidoscopic device. W. Schmidt. 2,155,565; Apr. 25.
Pattern grading machine. H. G. A. Åkerlind. 2,177,087; Oct. 24.
Pattern holder. L. Plaks. 2,172,681; Sept. 12.
Pattern means for knitting machines. R. H. Lawson. 2,157,989; May 9.
Pattern sorter. A. H. Maschmeyer. 2,172,756; Sept. 12.
Patterning mechanism for knitting machines. T. C. Bromley and A. Shortland. 2,179,711; Nov. 14.
Patterns on fabric, Method of and apparatus for production of raised. K. Welti. 2,167,819; Aug. 1.
Patty-forming machine. C. W. Coseboom. 2,167,876; Aug. 1.
Pavement. J. B. Warden. 2,171,153; Aug. 29.
Pavement, Bituminous non-skid. J. H. Conzelman. 2,180,339; Nov. 21.
Pavement joint. M. Nigro. 2,167,423; July 25.
Pavement joint cleaning. S. W. Daugherty. 2,185,052; Dec. 26.
Pavement, Making composite. J. G. Fuller. 2,152,798; Apr. 4.
Pavements, Constructing. S. E. Finley. 2,147,195; Feb. 14.
Pavements, Method of and apparatus for surfacing. J. E. Lof. 2,152,264; Mar. 28.
Paver, Retread. W. A. Cost and J. W. Hartley. 2,169,406; Aug. 15.
Paving. R. F. Bacon and I. Bencowitz. 2,182,837; Dec. 12.
Paving apparatus and method. W. M. Venable. 2,145,959; Feb. 7.
Paving composition. J. M. Johnson. 2,177,568; Oct. 24.
Paving construction, Highway. C. W. Ozias. 2,148,773; Feb. 28.
Paving plate. C. Schenck. 2,153,347; Apr. 4.
Paving process. F. S. Fleckenstein. 2,157,330; May 9.
Pawl operating mechanism. G. T. Harris. 2,154,568; Apr. 18.
Payroll record device. S. Wolling. 2,142,229; Jan. 3.
Pea hulling machine. T. Komaki. 2,155,793; Apr. 25.
Peach pitter. R. Kieweg. 2,158,545; May 16.
Peach pitting machine. L. H. Millen. 2,185,090; Dec. 26.
Peanut blanching machine. J. Markley, M. D. Woodruff, and W. Mechlin. 2,143,020; Jan. 10.
Peanut cleaner. N. B. Solomon, Jr., and D. M. Carter. 2,162,392; June 13.
Peanut product and method. R. N. Du Puis, C. W. Lenth, and J. B. Segur. 2,166,806; July 18.
Pear preparation machine. A. R. Thompson. 2,154,789; Apr. 18.
Pear preparation machine. A. R. Thompson. 2,179,529; Nov. 14.
Peat to render it suitable for such uses as the feeding and bedding of animals and manuring or fertilizing, Treating. E. H. Sams. 2,178,051; Oct. 31.
Peat, Treating. W. Martin. 2,146,902; Feb. 14.
Pectate and making same. C. W. Wilson. Re. 21,077; May 9.
Pectin, Controlling certain jelling properties of. H. T. Leo, C. C. Taylor, and J. W. Lindsay. 2,173,260; Sept. 19.
Pectin dispersion. P. B. Myers. 2,155,361; Apr. 18.
Pectin in bakery products, Incorporating. C. G. Spalding. 2,145,016; Jan. 24.
Pectin, Preparing. P. B. Myers. 2,163,620–1; June 27.
Pectin products, Making. C. W. Wilson. 2,159,194; May 23.
Pectinlike substances, Producing. P. B. Myers. 2,156,223; Apr. 25.
Pedal. F. W. Schwinn. 2,178,921; Nov. 7.
Pedal, Auxiliary accelerator. A. L. Brock. 2,163,571; June 27.
Pedal, Combination foot and accelerator. T. E. Hamson. 2,161,656; June 6.
Pedal depressor. J. L. Shroyer. 2,157,355; May 9.
Pedal drive for velocipedes. A. C. Messamore. 2,181,665; Nov. 28.
Pedal drive, particularly for cycles. F. Lienhard. 2,184,049; Dec. 19.
Pedal for automobiles, Combined fuel control and brake. H. R. Renner. 2,177,305; Oct. 24.
Pedal of foot-propelled bicycles. R. J. Penny and H. J. Worthington. 2,151,144; Mar. 21.
Pedestal, Furniture. M. Greitzer. 2,177,387; Oct. 24.
Pedicure accessory for bathtubs. G. B. Bentz. 2,182,532; Dec. 5.
Peel, Boker's. M. H. Steinfels. 2,174,334; Sept. 26.
Peeler, beater, and slicing machine, Combination. J. D. Garbrieau. 2,178,889; Nov. 7.
Peeling machine. A. R. Thompson. 2,178,007; Oct. 31.
Peeling machine for potatoes, etc. F. Obermeit. 2,169,707; Aug. 15.
Peepers. T. D. Blue. 2,183,665; Dec. 19.
Peg, Steel tent. J. A. Little. 2,156,021; Apr. 25.
Pellet drier. H. L. Glaze. 2,163,556; June 20.
Pellicles and preparing same. F. M. Meigs. 2,170,828; Aug. 29.
Pellicles and preparing same, Cellulosic. H. S. Rothrock. 2,170,839; Aug. 29.
Pellicles and producing same, Cellulosic. W. F. Underwood and H. S. Rothrock. 2,170,827; Aug. 29.
Pelts, Cutting fur. H. Linet. 2,161,830; June 13.
Pelts, Dehairing of. R. H. Plass. 2,143,422; Jan. 10.
Pen and pencil holder. N. M. Purviance. 2,174,834; Oct. 3.
Pen and pencil holder, Combined. J. C. Kanipe. 2,143,012; Jan. 10.
Pen attachment. A. W. Huntress. 2,169,644; Aug. 15.
Pen barrel, Fountain. G. Larsen. 2,162,223; June 13.
Pen cap latching device, Fountain. M. A. Anderson. 2,161,691; June 6.
Pen-cleaning device. B. W. Sewell. 2,162,865; June 20.
Pen desk set. D. Kahn. 2,150,065; Mar. 7.

Pen feeding machine. P. Meier. 2,170,567; Aug. 22.
Pen filling device, Fountain. O. R. Terry. 2,170,699; Aug. 22.
Pen, Fountain. L. H. Ashmore. 2,176,661; Oct. 17.
Pen, Fountain. H. J. Bessette 2,148,853; Feb. 28.
Pen, Fountain. B. Carlisle. 2,183,213; Dec. 12.
Pen, Fountain. S. Freeman. 2,176,568; Oct. 17.
Pen, Fountain. B. W. Hanle. 2,148,236; Feb. 21.
Pen, Fountain. B. W. Hanle. 2,170,242; Aug. 22.
Pen, Fountain. J. Iversen. 2,143,601; Jan. 10.
Pen, Fountain. R. H. Koos. 2,152,436; Mar. 28.
Pen, Fountain. R. Namiki. 2,144,296; Jan. 17.
Pen, Fountain. E. G. Pearson. 2,184,432; Dec. 26.
Pen, Fountain. E. R. A. G. Rösler, H. W. Schwarting, and K. R. W. Kressel. 2,167,815; Aug. 1.
Pen, Fountain. J. A. Snodgrass. 2,149,557; Mar. 7.
Pen, Fountain. A. H. Stenersen. 2,142,531–3; Jan. 3.
Pen, Fountain. A. H. Stenersen. 2,153,651; Apr. 11.
Pen, Fountain. H. S. Wright. 2,158,615; May 16.
Pen identifying device, Fountain. E. Zimmer. 2,156,775; May 2.
Pen, Multiple fountain. A. Hirth. 2,144,658; Jan. 24.
Pen nib. C. Pfanstiehl. 2,154,181; Apr. 11.
Pen, Play. A. W. Swanson. 2,173,639; Sept. 19.
Pen point. W. T. Hamer. 2,175,349; Oct. 10.
Pen point holder, Retractable. J. D. Arboit. 2,181,776; Nov. 28.
Pen points, and sheet stock therefor, Manufacturing. L. J. Most. 2,154,102; Apr. 11.
Pen points, Sheet stock and the manufacture of. L. J. Most. 2,154,103; Apr. 11.
Pen, Recording meter. H. C. Kofke. 2,181,830; Nov. 28.
Pen, Writing. W. G. A. McKay. 2,179,727; Nov. 14.
Penholder. A. Wollak. 2,151,440; Mar. 21.
Penholder, Caster. O. M. Johnson. 2,178,755; Nov. 7.
Penholder for inkstands. E. J. Huott. 2,160,661; May 30.
Pens, and strip for pen blanks, Making. D. Kahn. 2,183,572; Dec. 19.
Pens, Manufacture of writing. L. H. Ashmore. 2,159,003; May 23.
Pens, Production of. D. Kahn. 2,183,573; Dec. 19.
Pencil. R. E. Bailey. 2,176,050; Oct. 17.
Pencil. K. Miller. 2,170,867; Aug. 29.
Pencil. E. A. Sell. 2,167,465; July 25.
Pencil. M. E. Trollen. 2,181,525; Nov. 28.
Pencil. W. R. Wilson. 2,144,006; Jan. 17.
Pencil, Adjustable service. J. Sonne. 2,158,439; May 16.
Pencil and eraser, Combined. C. P. Finck. 2,144,014; Jan. 17.
Pencil attachment. E. Sanders. 2,158,431; May 16.
Pencil, Breech loading. F. H. and C. R. Keeran. 2,181,622; Nov. 28.
Pencil bushing and clip. G. A. Goessling. 2,183,350; Dec. 12.
Pencil clip. C. C. Harris. 2,167,717; Aug. 1.
Pencil clip, Ring binder. F. S. Schade. 2,160,392; May 30.
Pencil, Convertible. F. C. Foley. 2,174,440; Sept. 26.
Pencil, Eraser tipped. H. Zoll. 2,180,132; Nov. 14.
Pencil, especially for make-up sticks, Multiple. K. H. Heinz. 2,142,312; Jan. 3.
Pencil holder. A. H. Ehlert. 2,178,165; Oct. 31.
Pencil holder. D. C. Feather. 2,162,914; June 20.
Pencil, Interchangeable lead. K. Fend. 2,163,515; June 20.
Pencil, Magazine. H. Maucher. 2,149,705; Mar. 7.
Pencil, Mechanical. F. P. Cooper. 2,166,751; July 18.
Pencil, Mechanical. F. C. Deli. 2,178,626; Nov. 7.
Pencil, Mechanical. H. S. Hasselquist. 2,182,846; Dec. 12.
Pencil, Mechanical. P. S. Hauton. 2,146,841; Feb. 14.
Pencil, Mechanical. P. S. Hauton. 2,172,349; Sept. 12.
Pencil, Mechanical. P. S. Hauton. 2,174,979; Oct. 3.
Pencil, Mechanical. H. Maucher. 2,170,761; Aug. 22.
Pencil, Mechanical. N. H. McPhee. 2,175,210; Oct. 10.
Pencil, Mechanical. L. J. Most. 2,177,838–9; Oct. 31.
Pencil, Mechanical. L. J. Most. 2,179,950; Nov. 14.
Pencil, Mechanical. L. J. Most. 2,184,527–9; Dec. 26.
Pencil, Mechanical. L. J. Most. 2,184,863–4; Dec. 26.
Pencil, Mechanical. M. Schaefer. 2,161,889; June 13.
Pencil, Mechanical. A. H. Stenersen. 2,158,991; May 16.
Pencil, Mechanical lead. I. Chesler. 2,172,696; Sept. 12.
Pencil, Mechanical lead. M. Schaefer. 2,164,166; June 27.
Pencil, Multicolor. M. Shimada. 2,181,347; Nov. 28.
Pencil, Multiple lead. H. Reusch. 2,152,817; Apr. 4.
Pencil pointer. C. G. White. 2,152,395; Mar. 28.
Pencil pointer, Backhand. B. K. Dobkowitz. 2,163,025; June 20.
Pencil pointer or the like. H. L. De Lisle. 2,146,288; Feb. 7.
Pencil, Pressure feed. K. Fend. 2,184,911; Dec. 26.
Pencil, Propelling. L. Kraemer. 2,173,279; Sept. 19.
Pencil, Selective magazine. W. Durrler. 2,162,249; June 13.
Pencil, Selective magazine. W. Durrler. 2,176,124; Oct. 17.
Pencil, Step-by-step lead. H. A. Ward. 2,179,835; Nov. 14.
Pencils, Tip for draftsmen's mechanical. H. F. Smenner. 2,170,734; Aug. 22.
Pendulum, Pumping. B. H. Ravanelli. 2,158,679; May 16.

Pentachlorophenol, Preparation of. E. C. Britton and F. N. Alquist. 2,176,417; Oct. 17.
Pentaerythritol mother-liquor, Nitrated. J. A. Wyler. 2,152,372; Mar. 28.
Pentaerythritol, Preparation of. J. A. Wyler. 2,152,371; Mar. 28.
Pentaerythritol, Preparation of. J. A. Wyler. 2,170,624; Aug. 22.
Pentamethine-omega-aldehydes of heterocyclic bases. W. Zeh. 2,152,615; Mar. 28.
Per compounds, Stabilization of. A. W. Goodall and O. H. Walters. 2,155,704; Apr. 25.
Percentage counter. T. E. Torkelson. 2,153,215; Apr. 4.
Percolator. J. Masin. 2,164,158; June 27.
Percolator. J. Masin. 2,175,440; Oct. 10.
Percussion drill. J. J. Rawlings. 2,183,466; Dec. 12.
Percussion drill. R. R. Sanderson. 2,154,960; Apr. 18.
Percussion implement. G. Pinazza. 2,176,801; Oct. 17.
Percussion tool. R. J. Killgore. 2,161,062; June 6.
Percussion tool. H. Lembke. 2,147,045; Feb. 14.
Percussive tool. W. C. Morris. 2,154,765; Apr. 18.
Perforate table. W. F. Ohme. 2,160,031; May 30.
Perforated fabric. C. D. Gilpin. 2,149,913; Mar. 7.
Perforating device. D. A. Brennan. 2,149,268; Mar. 7.
Perforating device. F. Kienzle. 2,142,728; Jan. 3.
Perforating machine. R. Becker. 2,145,207; Jan. 24.
Perforating machine. J. Fossa. 2,144,620; Jan. 24.
Perforating machine. R. Holroyd. 2,169,799; Aug. 15.
Perforating machine. C. D. Lake. Re. 21,133; June 27.
Perforating machine. S. E. Rosenberg. 2,170,646; Aug. 22.
Perforating machine. S. E. Rosenberg. 2,171,482; Aug. 29.
Perforating machine. J. M. Schmied. 2,173,730; Sept. 19.
Perforating machine. H. A. Swanson. 2,183,361; Dec. 12.
Perforation cleaner. J. P. Black and H. C. Stoebel. 2,151,416; Mar. 21.
Perforation cleaner. J. V. Knoth. 2,143,196; Jan. 10.
Perforator. O. A. Brown. 2,151,681; Mar. 28.
Perforator. C. I. Wagner. 2,185,005; Dec. 26.
Perforator, Casing. H. C. Yarbrough. 2,152,008; Mar. 28.
Perforator, Gun. I. J. McCullough. 2,155,322; Apr. 18.
Perfume. A. Weissenborn. 2,169,984; Aug. 15.
Perfume compositions and making the same. W. C. Meuly. 2,184,526; Dec. 26.
Perfume fixative. E. B. Overshiner. 2,169,055; Aug. 8.
Perinaphthindandiones, Substituted. F. Straub and P. Pieth. 2,163,110; June 20.
Periodic rotary switch. F. B. Hale. 2,167,750; Aug. 1.
Peripheral machining apparatus. P. Klamp and A. L. Bergstrom. 2,170,501; Aug. 22.
Periscope. W. R. Gerhardt. 2,173,106; Sept. 19.
Periscope. W. Hardy. 2,176,554; Oct. 17.
Periscope. A. B. Harris. 2,155,164; Apr. 18.
Periscope. J. C. Karnes. 2,167,657; Aug. 1.
Periscope. J. C. Williams. 2,173,192; Sept. 19.
Perishables, Method and apparatus for refrigerating. H. H. Goalstone. 2,163,031; June 20.
Permanent wave pad. J. C. Brown. 2,173,269; Sept. 19.
Permanent wave pad. W. A. Gilbert. 2,151,024; Mar. 21.
Permanent waving apparatus. A. G. Johnson. 2,165,552; July 11.
Permanent waving device. D. Lakenbach. 2,168,219; Aug. 1.
Permanent ways. M. Kahn. 2,146,341; Feb. 7.
Permit mailing and stamping machine. R. S. Nilsson. 2,157,495; May 9.
Permutation lock. G. D. Dillon. 2,152,839; Apr. 4.
Permutation lock. J. A. Eden. 2,144,047; Jan. 17.
Permutation lock. J. A. Eden and P. Chase. 2,183,792; Dec. 19.
Permutation lock H. Herbst. 2,160,698; May 30.
Permutation lock. I. A. Ladizinsky. 2,143,419; Jan. 10.
Peroxidic products. N. A. Milas. 2,176,407; Oct. 17.
Perspiration accelerator. E. E. Henderson and D. O. Meeker. 2,180,280; Nov. 14.
Persulphides, Preparation of aracyl. W. Braker. 2,154,488; Apr. 18.
Pessary. P. L. Clark, Jr. 2,157,689; May 9.
Pessary. J. Schmid. 2,145,057; Jan. 24.
Pessary inserter. R. M. Hay. 2,146,574; Feb. 7.
Pest control. R. F. Bacon and I. Bencowitz. 2,165,206; July 11.
Pest control composition. E. W. Bousquet. 2,165,030; July 4.
Petrolatum. C. M. Loane. 2,177,729; Oct. 31.
Petroleum acid compounds, Manufacture of oxidized. R. E. Burk. 2,168,699; Aug. 8.
Petroleum, Apparatus for heating. A. E. Nash and F. E. Shelly. 2,175,211; Oct. 10.
Petroleum bituminous materials, Treatment of. J. E. Gambrill. 2,175,189; Oct. 10.
Petroleum byproducts, Improving and purifying. F. E. Frey and P. A. Bury. 2,154,444; Apr. 18.
Petroleum, Catalytic desulphurization of. A. L. Lyman, H. B. Nichols, and R. C. Mithoff. 2,143,078; Jan. 10.
Petroleum distillate, Refining cracked. W. T. Hancock. 2,162,715–17; June 20.
Petroleum distillates, Apparatus for treating. R. E. Burk and E. C. Hughes. 2,148,056; Feb. 21.

Petroleum distillates, Refining. C. E. Dolbear. 2,154,424; Apr. 18.
Petroleum distillates, Treatment of. R. E. Burk and E. C. Hughes. 2,150,149; Mar. 14.
Petroleum distillates, Treatment of light. A. Lazar and T. F. McCormick. 2,175,437; Oct. 10.
Petroleum emulsions, Breaking. M. De Groote, B. Keiser, and C. M. Blair, Jr. 2,167,346–9; July 25.
Petroleum emulsions, Breaking oil-in-water type. C. M. Blair, Jr. 2,159,312; May 23.
Petroleum emulsions, Breaking oil-in-water type. C. M. Blair, Jr. 2,159,313; May 23.
Petroleum emulsions, Resolving. C. M. Blair, Jr. 2,171,328; Aug. 29.
Petroleum emulsions, Resolving. M. De Groote. 2,153,745–6; Apr. 11.
Petroleum emulsions, Resolving. M. De Groote. 2,166,431–4; July 18.
Petroleum emulsions, Resolving. M. De Groote and L. L. Faure. 2,153,744; Apr. 11.
Petroleum emulsions, Resolving. M. De Groote, B. Keiser, and C. M. Blair, Jr. 2,176,702–4; Oct. 17.
Petroleum hydrocarbonates, Production of chlorinated unsaturated. H. B. Kipper. 2,152,890; Apr. 4.
Petroleum lubricant composition. R. C. Moran and E. W. Fuller. 2,161,584; June 6.
Petroleum lubricant product. H. G. Berger, R. C. Moran, and F. M. Seger. 2,153,495; Apr. 4.
Petroleum mahogany sulphonates, Purification of. M. Blumer. 2,166,117; July 18.
Petroleum oil spread for bread and the like. C. Ellis. 2,150,649; Mar. 14.
Petroleum products, Solvent refining of. A. W. Hixson and R. Miller. 2,143,415; Jan. 10.
Petroleum sulphonyl chlorides. H. A. Bruson and J. W. Eastes. 2,142,934; Jan. 3.
Petroleum suspensions, Breaking. S. K. Talley and C. L. Gutzeit. 2,167,327; July 25.
pH and buffers and indicators therefor, Determining. S. F. Acree. 2,178,550; Nov. 7.
pH comparators and producing same. D. K. Allison. 2,172,352; Sept. 12.
pH meter. D. K. Allison. 2,183,531; Dec. 19.
pH value of solutions, Varying the. R. E. Briggs. 2,159,074; May 23.
Pharmaceutical device. W. C. Dodd. 2,175,747; Oct. 10.
Pharmaceutical preparation. D. Levin. 2,147,743; Feb. 21.
Phase angles, Apparatus for measuring. G. H. Brown and W. R. Koch. 2,176,120; Oct. 17.
Phase changer. W. T. Wintringham. 2,147,728; Feb. 21.
Phase control system. J. Plebanski. 2,172,107; Sept. 5.
Phase correcting low-pass filter. H. A. Wheeler. 2,153,857; Apr. 11.
Phase correction mechanism, Integrating. P. A. Noxon. 2,166,505; July 18.
Phase displacement detector. R. Hofer. 2,183,260; Dec. 12.
Phase modulation. M. G. Crosby. 2,165,229; July 11.
Phase modulation. G. L. Usselman. 2,159,237–8; May 23.
Phase modulation. G. L. Usselman. 2,160,465; May 30.
Phase modulation receiver. M. G. Crosby. 2,156,375; May 2.
Phase modulation receiver. C. W. Hansell. 2,180,736; Nov. 21.
Phase modulation receiver, Back to back. M. G. Crosby. 2,156,374; May 2.
Phase modulation receiver, Series crystal. M. G. Crosby. 2,156,376; May 2.
Phase-sequence filter. B. E. Lenehan. 2,161,829; June 13.
Phenanthridine derivatives. W. G. Christiansen and W. Braker. 2,176,889; Oct. 24.
Phenol-aldehyde rubber hydrochloride compositions. H. A. Winkelmann. 2,145,412; Jan. 31.
Phenol and hydrogen chloride from the mixture of vapors obtained by passing chlorobenzene vapor and steam over a contact at a raised temperature, Separating. W. Prahl. 2,156,402; May 2.
Phenol and manufacturing same, Alkyl. L. P. Kyrides. 2,161,826; June 13.
Phenol composition. S. B. Heath and M. O. Keller. 2,169,240; Aug. 15.
Phenol-ketone condensation products, Manufacture of. E. C. Britton and F. Bryner. 2,182,308; Dec. 5.
Phenol-olefin reaction products useful as gasoline gum inhibitors, Manufacture of. T. L. Cantrell. 2,149,759; Mar. 7.
Phenol stabilization. T. S. Carswell. 2,161,772; June 6.
Phenolic bodies, Separating. E. Schwenk and B. Whitman. 2,174,532; Oct. 3.
Phenolic condensation product. L. Cserny. 2,175,793; Oct. 10.
Phenolphthalein, Producing. M. Hubacher. 2,168,346; Aug. 8.
Phenols, Alkylating. V. Ipatieff and H. Pines. 2,147,256; Feb. 14.
Phenols and making same, C-substituted. A. Zinke. 2,154,192; Apr. 11.
Phenols, Chloro-methyl alkyl. A. Brunner. 2,165,956; July 11.
Phenols, Desulphurization of alkyl. M. de Simo and A. P. Brady. 2,168,256; Aug. 1.
Phenols, Desulphurizing alkyl. H. I. Lounsbury. 2,150,656; Mar. 14.
Phenols, Hydrogenating mono nitrated. C. O. Henke, W. A. Douglass, and R. G. Benner. 2,183,019; Dec. 12.
Phenols, Preparation of tertiary alkyl. M. T. Harvey. 2,150,920; Mar. 21.
Phenols, Production of alkylated. D. R. Stevens and J. E. Nickels. 2,181,823; Nov. 28.
Phenols, Recovering. H. L. Stewart. 2,172,415; Sept. 12.
Phenylmercuric citrate and making same. R. P. Perkins. 2,181,098; Nov. 21.
Phenylmercuric compounds, Preparing. D. B. Bradner. 2,165,533; July 11.
Phenyl methyl pyrazyl phenyl methyl pyrazolone, Preparation of. A. B. Boese, Jr. 2,165,445; July 11.
Philatelic device. R. Mayer. 2,159,486; May 23.
Philatelic support. C. J. Brown and J. W. Baker. 2,176,292; Oct. 17.
Phonogram and moving same with reference to a stationary needle. J. Ionesco. 2,154,848; Apr. 18.
Phonograph. H. Belar. 2,173,223; Sept. 19.
Phonograph. R. Dally. 2,166,986; July 25.
Phonograph. E. W. Franck and H. E. Reeves. 2,162,006; June 13.
Phonograph. H. F. M. Gramann. 2,184,914; Dec. 26.
Phonograph. C. Huenlich. 2,177,067; Oct. 24.
Phonograph. W. H. Hutter. 2,154,093; Apr. 11.
Phonograph. N. R. Kurtze. 2,181,513; Nov. 28.
Phonograph. L. Z. La Forest. 2,154,048; Apr. 11.
Phonograph. S. G. Langley. 2,150,554; Mar. 14.
Phonograph. J. R. Long. 2,167,459; July 25.
Phonograph. P. H. Smyth, Jr. 2,159,832–4; May 23.
Phonograph. R. M. Somers. 2,162,981; June 20.
Phonograph. J. P. Stockton. 2,145,498; Jan 31.
Phonograph. A. G. Zimmerman. 2,146,519; Feb. 7.
Phonograph and radio, Combined automatic. M. Lehman. 2,165,713; July 11.
Phonograph apparatus. W. H. Hutter. 2,161,168; June 6.
Phonograph, Autograph. C. G. Johnson. 2,158,328; May 16.
Phonograph, Automatic. K. M. Alm. 2,159,836; May 23.
Phonograph, Automatic. L. J. Andres. 2,175,142; Oct. 3.
Phonograph, Automatic. C. E. Faust. 2,153,864; Apr. 11.
Phonograph, Automatic. S. Kohn. 2,178,260; Oct. 31.
Phonograph, Automatic. J. R. Mitchell. 2,158,295; May 16.
Phonograph, Automatic. J. R. Mitchell. 2,174,273; Sept. 26.
Phonograph, Automatic. E. C. Mueller. 2,161,483; June 6.
Phonograph, Automatic. W. F. Schulz. 2,182,739; Dec. 5.
Phonograph, Automatically and continuously working. T. Uemura. 2,178,978; Nov. 7.
Phonograph, Commercial. L. D. Norton and V. L. Frykman. 2,152,440; Mar. 28.
Phonograph device. L. H. Ottofy. 2,164,663; July 4.
Phonograph, Electric robot. L. J. Andres and G. A. Magruder. 2,151,260; Mar. 21.
Phonograph needle. A. J. Olsen. 2,173,763; Sept. 19.
Phonograph pick-up. A. Barbieri. 2,148,796; Feb. 28.
Phonograph pickup, Electric. C. E. Semple, Jr., and F. J. Malat. 2,182,138; Dec. 5.
Phonograph pick-up, Electronic. J. C. Sampson. 2,165,981; July 11.
Phonograph-record changer. H. M. Stephenson. 2,169,854; Aug. 15.
Phonograph record changing apparatus. P. F. Wilber. 2,148,250; Feb. 21.
Phonograph system. M. L. Bradfield. 2,181,505; Nov. 28.
Phonograph, Tape. E. Schwartz. 2,165,073; July 4.
Phonograph turntable drive. J. Erwood. 2,146,253; Feb. 7.
Phonographic announcing mechanism or the like. J. L. Franklin. Re. 21,111; June 13.
Phonographic apparatus. E. C. Guedon. 2,174,156; Sept. 26.
Phonographic apparatus. E. C. Guedon. 2,176,669; Oct. 17.
Phonographic system. C. T. Jacobs. 2,146,434; Feb. 7.
Phonographic systems. O. M. Dunning. 2,146,425; Feb. 7.
Phonorhythm process and apparatus for carrying it out. C. R. Blum. 2,168,467; Aug. 8.
Phosphate coating from a surface, Removing a. R. P. Durham. 2,159,261; May 23.
Phosphate coatings on surfaces of iron, zinc, or alloys thereof, Producing. G. C. Romig. 2,164,042; June 27.
Phosphate, Colored aromatic. C. L. Moyle and S. L. Bass. 2,151,984; Mar. 28.
Phosphate ores, Concentration of. W. Trotter and E. W. Wilkinson. 2,162,494; June 13.
Phosphate, Treating raw. M. Larson. Re. 20,994; Jan. 31.
Phosphates, Liquid triaryl. C. L. Moyle. 2,182,817; Dec. 12.
Phosphates, Manufacture of ignited. F. Rüsberg. 2,165,729; July 11.

Phosphates, Methallyl. E. C. Britton and C. L. Moyle. 2,176,416; Oct. 17.
Phosphates, Organic. E. C. Britton and C. L. Moyle. 2,182,309; Dec. 5.
Phosphates, Preparation of soluble. E. A. Taylor. 2,165,948; July 11.
Phosphates, Production of. F. P. Kerschbaum. 2,142,944; Jan. 3.
Phosphatic solutions, Treatment of. W. R. Seyfried. 2,164,627; July 4.
Phosphatide preparations, Manufacture of fluid. K. Braun and R. Rosenbusch. 2,168,468; Aug. 8.
Phosphatides from soap stock, Obtaining. B. H. Thurman. 2,182,767; Dec. 5.
Phosphorous, Vaporization of. G. W. Burke. 2,153,953; Apr. 11.
Phosphorus and like elements from ores, Separating. H. A. Blackwell and W. L. Turner. 2,150,261; Mar. 14.
Phosphorus charging method and apparatus. J. R. Burns. 2,164,228; June 27.
Phosphorus pentoxide drier. W. O. Walker and W. R. Rinelli. 2,163,901; June 27.
Phosphorus, Producing. T. F. Baily. 2,168,312; Aug. 8.
Phosphorus, Producing. H. A. Curtis and R. L. Copson. 2,143,001; Jan. 10.
Photo flash synchronizer. S. O. Lindahl. 2,176,972; Oct. 24.
Photo glow tube. M. J. Brown. 2,147,426; Feb. 14.
Photo mount. L. Gross. 2,177,405; Oct. 24.
Photoacoustical apparatus. J. O. Baker. 2,166,672; July 18.
Photocell system to control spacing of traveling articles. F. H. Gulliksen. 2,171,362; Aug. 29.
Photocomposing machine. A. T. Koppe. 2,174,726; Oct. 3.
Photocopying machine. S. L. Goldberg. 2,148,018; Feb. 21.
Photoelectric apparatus. H. Geffcken and H. Richter. 2,147,156; Feb. 14.
Photoelectric cell. K. Gäbler. 2,183,256; Dec. 12.
Photoelectric cell control for scales. H. A. Hadley. 2,169,465; Aug. 15.
Photoelectric cell modulator. R. Barthelemy. 2,155,034; April 18.
Photoelectric cell reproducer. H. Belar. 2,178,219; Oct. 31.
Photoelectric cells of the layer type and producing the same. E. Presser. 2,161,786; June 13.
Photoelectric control of variable speed mechanism. W. R. Perry. 2,166,551; July 18.
Photoelectric engraving, Remote control. W. Howey, B. Woodward, and J. R. Hancock. 2,164,209; June 27.
Photoelectric exposure meter. A. Bernhard and G. Beyrich. 2,150,047; Mar. 7.
Photoelectric exposure meter. J. M. Bing. 2,178,197; Oct. 31.
Photoelectric exposure meter. O. Fischer. 2,157,660; May 9.
Photoelectric relay. F. H. Shepard, Jr. 2,160,037; May 30.
Photoelectric relay. E. R. Toporeck. 2,154,480; Apr. 18.
Photoelectric system. J. R. Cooney. 2,169,405; Aug. 15.
Photoelectric transmitter. L. M. Potts. 2,177,077; Oct. 24.
Photoelectric tube. H. H. Geffcken and H. R. Richter. 2,161,859; June 13.
Photoelectric tube. M. S. Glass. 2,178,227; Oct. 31.
Photoelectric tube. P. Görlich. 2,172,843; Sept. 12.
Photoelectric tube. A. J. Kling. 2,160,593; May 30.
Photoelectric tube. C. H. Prescott, Jr. 2,151,797; Mar. 28.
Photoelectric tube. H. C. Rentschler and D. E. Henry. 2,167,777; Aug. 1.
Photoelectric tube. W. Soller. 2,174,537; Oct. 3.
Photoelectrically responsive layer. P. Görlich. 2,168,259; Aug. 1.
Photoenlarger. D. Friedman. 2,176,625; Oct. 17.
Photograph identification. N. Champion. 2,184,832; Dec. 26.
Photograph on a certificate of identity for passports, Securely fastening a. R. Kaufer. 2,147,408; Feb. 14.
Photograph print drying apparatus. A. H. Gaebel. 2,146,255; Feb. 7.
Photograph printing frame. J. W. Hardy. 2,167,298; July 25.
Photographic and printing media. C. Dangelmajer. 2,184,288–9; Dec. 26.
Photographic and printing media. F. M. Meigs. 2,184,311; Dec. 26.
Photographic and printing media. F. M. Meigs and C. Dangelmajer. 2,184,310; Dec. 26.
Photographic antihalation layer. G. Wilmanns. 2,161,788; June 13.
Photographic antihalation layer made from alloxan. S. E. Sheppard and R. C. Houck. 2,184,024; Dec. 19.
Photographic apparatus. J. E. Burks. 2,180,194; Nov. 14.
Photographic apparatus. J. W. Henderson. 2,148,620; Feb 28.
Photographic apparatus. J. J. Johnson. 2,147,532; Feb. 14.
Photographic apparatus. C. E. K. Mees. 2,161,371; June 6.
Photographic apparatus. J. Mihalyi. 2,180,013; Nov. 14.
Photographic apparatus. J. Mihalyi. 2,184,016; Dec. 19.
Photographic apparatus. H. L. Mohr and A. W. Tondreau. 2,177,737; Oct. 31.
Photographic apparatus. B. A. Proctor. 2,174,529; Oct. 3.
Photographic apparatus. O. Wittel. 2,169,013; Aug. 8.
Photographic apparatus for copying and like purposes. L. F. Levy. 2,176,910; Oct. 24.
Photographic color-forming developer and emulsion. A. B. Jennings and E. B. Middleton. 2,184,303; Dec. 26.
Photographic color process and film therefor. J. G. Capstaff. 2,143,762; Jan. 10.
Photographic composing machine. L. Meyer. 2,160,750; May 30.
Photographic compositions and processes, Color-forming. E. B. Middleton and A. B. Jennings. 2,182,815; Dec. 12.
Photographic contact printing and copying apparatus. C. E. F. Rutherford. 2,155,149; Apr. 18.
Photographic contact printing apparatus. H. L. Dazey. 2,158,001; May 9.
Photographic copying and projection apparatus. R. S. Hopkins. 2,180,007; Nov. 14.
Photographic desensitizing. W. Dieterle and S. Gassner. 2,172,192; Sept. 5.
Photographic designs on ceramic ware, Transferring. W. D. Ford. 2,181,452; Nov. 28.
Photographic developer. J. R. Alburger. 2,181,861; Dec. 5.
Photographic developer. P. Goldacker, G. Maiser, and E. Schmitz-Hillebrecht. 2,181,941; Dec. 5.
Photographic developer. F. A. Holt. 2,147,441; Feb. 14.
Photographic developer. L. C. Jones, R. B. Barnes, and G. P. Ham. 2,165,797; July 11.
Photographic developer. L. C. Jones, R. B. Barnes, and G. P. Ham. 2,179,790; Nov. 14.
Photographic developer. E. W. Lowe. 2,164,280; June 27.
Photographic developer. A. Miller. 2,172,216; Sept. 5.
Photographic developer. G. Wilmanns, W. Schneider, and B. Wendt. 2,163,166; June 20.
Photographic developer. G. Wilmanns, W. Schneider, and A. Fröhlich. 2,163,820; June 27.
Photographic developer and substance added in preparing the same. M. Nassau. 2,164,687; July 4.
Photographic developing and fixing apparatus. P. A. Sheridan. 2,155,000; Apr. 18.
Photographic developing machine. S. Hershberg. 2,157,128; May 9.
Photographic developing machine. S. Hershberg. 2,183,742; Dec. 19.
Photographic developing medium producing fine grain results. G. P. Ham. 2,156,626; May 2.
Photographic developing process. J. Eggert and B. Wendt. 2,163,781; June 27.
Photographic development, Equipment for. W. B. Hill and W. B. Melvin. 2,169,417; Aug. 15.
Photographic device. H. M. Biele. 2,161,004; June 6.
Photographic dyestuff picture. G. Heymer and W. Schultze. 2,169,320; Aug. 15.
Photographic element, Increasing the effective speed of a. J. G. Capstaff. 2,168,971; Aug. 8.
Photographic elements containing antihalation layers. G. A. Dawson. 2,182,794; Dec. 12.
Photographic emulsion. L. G. S. Brooker. 2,153,169; Apr. 4.
Photographic emulsion. L. G. S. Brooker. 2,165,339; July 11.
Photographic emulsion. B. H. Carroll. 2,166,938; July 25.
Photographic emulsion. B. H. Carroll and E. P. Davey. 2,177,635; Oct. 31.
Photographic emulsion. F. Lierg. 2,158,825; May 16.
Photographic emulsion. C. E. K. Mees. 2,158,882; May 16.
Photographic emulsion. C. E. K. Mees. 2,159,037–8; May 23.
Photographic emulsion. C. E. K. Mees. 2,159,565; May 23.
Photographic emulsion. F. L. White and G. H. Keyes. 2,166,736; July 18.
Photographic emulsion, Buffered. S. E. Sheppard and R. H. Lambert. 2,184,023; Dec. 19.
Photographic emulsion containing dyes from benzoxazoles. L. G. S. Brooker. 2,170,805; Aug. 29.
Photographic emulsion containing supersensitized-4′-carbocyanines. C. E. K. Mees. 2,158,883; May 16.
Photographic emulsion, Sensitized. J. D. Kendall. 2,153,930; Apr. 11.
Photographic emulsions, Dry hypersensitizing of. F. H. Dersch. 2,146,802; Feb. 14.
Photographic emulsions, Hardening. S. E. Sheppard and R. C. Houck. 2,165,421; July 11.
Photographic emulsions, Modifying the sensitivity of. J. D. Kendall. 2,153,929; Apr. 11.
Photographic emulsions, Production of. B. Claus. 2,146,938; Feb. 14.
Photographic emulsions, Sensitized. J. D. Kendall. 2,153,928; Apr. 11.
Photographic enlargement device. J. W. Williamson. 2,168,503; Aug. 8.

Photographic enlarging apparatus. F. Busse. 2,168,190; Aug. 1.
Photographic enlarging apparatus. F. Busse. 2,183,764; Dec. 19.
Photographic exposure meter. H. B. Axtell. 2,172,634; Sept. 12.
Photographic exposures, Apparatus for determining. J. J. Jakosky. 2,147,902; Feb. 21.
Photographic exposures, Gauging. P. C. Smethurst and S. S. Francis. 2,143,500; Jan. 10.
Photographic fixer. G. P. Ham. 2,179,242; Nov. 7.
Photographic fixing agent. R. B. Barnes. 2,174,494; Sept. 26.
Photographic gelatin and emulsion layers, Hardening. C. J. Staud and G. H. Keyes. 2,172,300; Sept. 5.
Photographic gelatin emulsions, Manufacture of. E. J. Birr, H. Fricke, and G. Wilmanns. 2,152,460; Mar. 28.
Photographic image and method of and apparatus for viewing the same. H. Lewin. 2,168,225; Aug. 1.
Photographic image production, Method and apparatus for. P. S. Smith. 2,176,108; Oct. 17.
Photographic images, Coloring. L. S. Trimble. 2,183,661; Dec. 19.
Photographic images. Production of composite. H. D. Murray and D. A. Spencer. 2,159,600; May 23.
Photographic lettering machine, Apparatus for loading and unloading a. A. T. Koppe. 2,184,222; Dec. 19.
Photographic lighting apparatus. W. C. Hoffman. 2,170,529; Aug. 22.
Photographic lighting system. S. Hershberg. 2,176,967; Oct. 24.
Photographic line-justifying apparatus. S. A. Neidich. 2,160,277; May 30.
Photographic masking. W. J. Wilkinson. 2,170,883; Aug. 29.
Photographic material. A. Murray. 2,158,194; May 16.
Photographic material. W. Frankenburger and H. Schulz. 2,180,409; Nov. 21.
Photographic material. C. L. A. Wynd. 2,153,166; Apr. 4.
Photographic material and process for the production of multicolor pictures. B. Gaspar. 2,183,394; Dec. 12.
Photographic material for color photography. B. Wendt. 2,168,182; Aug. 1.
Photographic materials. H. Verkinderen. 2,167,732; Aug. 1.
Photographic materials and material therefor, Manufacture of colored. B. Gáspár. 2,172,307; Sept. 5.
Photographic materials, Manufacture of. A. Jung. 2,173,480; Sept. 19.
Photographic method and apparatus. E. D. Davis. 2,178,933; Nov. 7.
Photographic negatives, Modification of. W. J. Wilkinson. 2,174,812; Oct. 3.
Photographic objective. M. Berek. 2,164,028; June 27.
Photographic objective. M. Berek. 2,171,640; Sept. 5.
Photographic objective. J. G. Capstaff and O. E. Miller. 2,165,341; July 11.
Photographic objective. C. W. Frederick and G. H. Aklin. 2,158,179; May 16.
Photographic objective of high luminosity. G. F. Djian. 2,175,518; Oct. 10.
Photographic plate and frame, Composite. C. E. Slaughter. 2,149,636; Mar. 7.
Photographic plate and producing same, Color sensitive. J. S. Friedman and A. Bruck. 2,175,836; Oct. 10.
Photographic plate holder. E. D. Lukis. 2,168,418; Aug. 8.
Photographic plate identifying apparatus. T. Strom. 2,146,920; Feb. 14.
Photographic printing. M. H. Tucker. 2,182,325; Dec. 5.
Photographic printing apparatus, Automatic. P. C. Haar. 2,143,692; Jan. 10.
Photographic printing, Apparatus for. C. F. Jones. 2,174,788; Oct. 3.
Photographic printing machine. H. O. Drotning. 2,146,886; Feb. 14.
Photographic printing material. W. Krieger and H. Buchner. 2,162,456; June 13.
Photographic printing on lenticular films. J. Eggert and G. Heymer. 2,177,417; Oct. 24.
Photographic printing paper and cloth, Manufacture of sensitized. J. Holden. Re. 21,240; Oct. 17.
Photographic process. W. H. Evans. 2,176,585; Oct. 17.
Photographic processing. J. R. Weber and V. B. Sease. 2,166,617; July 18.
Photographic recording equipment. E. G. Fassel. 2,177,135; Oct. 24.
Photographic reproducing machine copy holder therefor. R. S. Hopkins. 2,184,012; Dec. 19.
Photographic reproduction. A. Jenny, N. Budiloff, H. Becker, and K. Anton. 2,184,599; Dec. 26.
Photographic reproduction apparatus. J. J. Dilks, Jr. 2,179,617; Nov. 14.
Photographic reversal process. J. C. Ville. 2,150,704; Mar. 14.
Photographic sensitizing compounds, Production of. M. Barent and J. D. Kendall. 2,153,931; Apr. 11.
Photographic shutter. H. Junghans. 2,168,483; Aug. 8.
Photographic silver halide emulsion layers. W. Schneider and M. Hagedorn. 2,178,612; Nov. 7.
Photographic treating bath. G. L. Maiser. 2,155,501; Apr. 25.
Photographic treating bath. H. Ulrich, K. Saurwein, P. Coldacker, and G. L. Maiser. 2,168,181; Aug. 1.
Photographic type composing. L. A. Spievak. 2,178,379; Oct. 31.
Photographic view finder. L. Leitz. 2,157,548; May 9.
Photographs and cinematographic pictures on a transparent film, Process and material for producing three color. B. Gaspar. 2,183,393; Dec. 12.
Photographs having plastic or relief effects, Production of plane. K. Wenschow. 2,151,817; Mar. 28.
Photographs in blue-black tones, Production of. H. Fricke and E. J. Birr. 2,153,619; Apr. 11.
Photographs, Making. G. N. Pifer. 2,178,896; Nov. 7.
Photographs, Making identifiable. R. W. Phillips. 2,161,193; June 6.
Photographs, Manufacture of multicolor. W. Schneider. 2,179,234; Nov. 7.
Photographs, Method and device for obtaining or reproducing color. C. Nordman. 2,160,340; May 30.
Photographs, Obtaining color. A. H. J. de Lassus Saint Genies. 2,183,305; Dec. 12.
Photographs, Producing stereoscopic. J. M. McDonnell. 2,150,932; Mar. 21.
Photography. F. W. Jackman. 2,173,518; Sept. 19.
Photography and cinematography, Color. J. H. Reindorp. 2,153,698; Apr. 11.
Photography and material therefor, Color. J. Eggert, A. Froehlich, and B. Wendt. 2,179,228; Nov. 7.
Photography and projection, Apparatus for. H. H. Bigley. 2,161,126; June 6.
Photography, Apparatus for multicolor. R. Thomas. 2,145,437; Jan. 31.
Photography, Apparatus for trick. F. W. Jackman. 2,147,038; Feb. 14.
Photography, Color. D. K. Allison. 2,161,735; June 6.
Photography, Color. W. Dieterle. 2,148,979; Feb. 28.
Photography, Color. G. B. Harrison. 2,173,110; Sept. 19.
Photography, Color. E. B. and E. L. V. Hesser. 2,177,342; Oct. 24.
Photography, Color. A. W. Tondreau. 2,147,068; Feb. 14.
Photography, Color. C. W. C. and C. C. H. Wheatley. 2,145,960; Feb. 7.
Photography, Color. G. Wilmanns, W. Schneider, and E. Bauer. 2,179,239; Nov. 7.
Photography, Composite. C. L. Gregory. 2,164,770; July 4.
Photography, Composite. B. C. Haskin. 2,169,045; Aug. 8.
Photography, Device for color. K. Klopp. 2,151,429; Mar. 21.
Photography, Fine-grain. J. R. Weber. 2,173,739; Sept. 19.
Photography, Method of and apparatus for color. S. B. Grimson and L. Lipp. 2,154,898; Apr. 18.
Photography, Roentgen. H. Lewin. 2,152,353; Mar. 28.
Photography, Stereoscopic. C. W. Kanolt. 2,158,660; May 16.
Photography, Stereoscopic. C. Percy and E. E. Draper. 2,151,301; Mar. 21.
Photography, System of. S. Hershberg. 2,176,573; Oct. 17.
Photo gun. F. Schenk. 2,182,097; Dec. 5.
Photo-objective, Four-lens. R. Richter. 2,170,428; Aug. 22.
Photometer. J. M. Bing. 2,149,250; Mar. 7.
Photometer. F. K. McCune. 2,156,734; May 2.
Photometer. E. T. Turney. 2,153,165; Apr. 4.
Photometer, Electric. D. E. Christopher. 2,151,187; Mar. 21.
Photo-printing apparatus. M. Knobel. 2,158,903; May 16.
Photoresponsive apparatus. C. Chilowsky. 2,150,051; Mar. 7.
Photoresponsive apparatus. C. Chilowsky. 2,150,052; Mar. 7.
Photosculpture. S. T. Jeffreys and H. J. Petty. 2,163,124–5; June 20.
Photosensitive apparatus. J. W. Dawson and E. H. Vedder. 2,162,529; June 13.
Photosensitive material. A. Murray. 2,169,003; Aug. 8.
Photosensitive measuring instrument. A. D. Henderson. 2,149,735; Mar. 7.
Phototube. R. J. Erichsen. 2,171,233; Aug. 29.
Phototube. M. C. Teves and F. M. Penning. 2,162,792; June 20.
Phototube, Emission type. P. Keck. 2,177,259; Oct. 24.
Phototype composing machine. L. A. Spievak. 2,178,380; Oct. 31.
Photovoltaic cell with impedance layer, Copper oxide. E. D. Wilson. 2,154,295; Apr. 11.
Phthalic anhydride, Preparation of. F. Porter. 2,142,678; Jan. 3.
Phthalic anhydride, Producing. A. Pongratz. 2,157,965; May 9.
Physical and chemical reactions, Apparatus for carrying out. G. de Becze. 2,154,150; Apr. 11.
Physical characteristics, Automatic control of variable. A. Callender and A. B. Stevenson. 2,183,235; Dec. 12.
Physical condition, Controlling a. D. G. Taylor. 2,160,042; May 30.
Piano. H. R. Heller. 2,177,486; Oct. 24.
Piano. P. M. Zeidler. 2,153,226; Apr. 4.
Piano action. W. G. Betz. 2,156,961–3; May 2.

Piano action. C. H. Dasenbrook. 2,166,396; July 18.
Piano action. W. S. Finholm. 2,156,913; May 2.
Piano action. R. W. E. Sperry. 2,157,028; May 2.
Piano action, Grand. A. H. Morse and E. J. Schneider. 2,172,253; Sept. 5.
Piano action, Upright. W. S. Finholm. 2,146,114; Feb. 7.
Piano case. J. Sauerland. 2,174,671; Oct. 3.
Piano casing construction, Grand. E. Worthington. 2,178,214; Oct. 31.
Piano fallboard. W. M. Day. 2,178,565; Nov. 7.
Piano keyboard leveler. E. O. Liaboe. 2,183,916; Dec. 19.
Piano-mandolin. S. Michniewicz. 2,151,133; Mar. 21.
Piano-tuning wrench. J. H. Brady. 2,172,355; Sept. 12.
Pick, Mill. S. O. Montague. 2,175,537; Oct. 10.
Pick or plectrum. H. W. Wolcott. 2,170,179; Aug. 22.
Picker, Cherry. H. C. Loetz. 2,177,041; Oct. 24.
Picker for looms. J. F. Foehr. 2,167,830; Aug. 1.
Picker for textile machinery. H. M. Bacon. 2,149,568; Mar. 7.
Picker, Fruit. M. Bustetter and S. D. Gericke. 2,179,031; Nov. 7.
Picker, Fruit. E. L. Wetzig. 2,167,133; July 25.
Picker rod lubricator, Automatic. F. J. Striebel and L. J. Flagg. 2,172,716; Sept. 12.
Picker stick check for looms. S. R. Miller and V. M. Barrier. 2,146,973; Feb. 14.
Pickle packing machine. C. G. Lang. 2,147,818; Feb. 21.
Pickle slicing machine. C. G. Lang. 2,163,791; June 27.
Pickling. A. M. Kirchner and H. E. Romine. 2,162,846; June 20.
Pickling method and apparatus, Continuous strip. R. A. Critten. 2,166,583; July 18.
Pickling process. H. C. Barnes and E. N. Millan. 2,155,854; Apr. 25.
Pickling solution. S. F. Urban. 2,172,041; Sept. 5.
Pick-off device. G. W. von Hofe. 2,173,891; Sept. 26.
Pick-off gauge. G. W. von Hofe. 2,158,313; May 16.
Pickproof lock. F. H. Rice. 2,147,061; Feb. 14.
Pick-up. R. Dally. 2,145,389; Jan. 31.
Pickup. R. Dally. 2,160,793; May 30.
Pick-up and loading machine. C. J. Chaffins. 2,153,037; Apr. 4.
Pick-up and loading machine for vine crops. G. W. Gallagher and J. G. Rietfort. 2,172,655; Sept. 12.
Pick-up device. R. L. Anderson. 2,165,088; July 4.
Pick-up device. J. Grignolo. 2,172,507; Sept. 12.
Pick-up device. R. P. Sharp. 2,145,807; Jan. 31.
Picryl fluoride and making the same. L. G. Wesson. 2,179,605; Nov. 14.
Pictorial representation. F. Kroner. 2,149,779; Mar. 7.
Picture analyzer, Television. H. Strübig. 2,161,643; June 6.
Picture and apparatus therefor, Producing sound motion. O. A. Ross. 2,147,499; Feb. 14.
Picture and calendar, Combined. F. Lowenthal. 2,179,857; Nov. 14.
Picture apparatus for approach shots, Motion. A. N. Goldsmith. 2,178,228; Oct. 31.
Picture apparatus for projecting composite screen images, Motion. A. J. Holman. 2,150,165; Mar. 14.
Picture apparatus, Motion. A. W. Carpenter. 2,142,493; Jan. 3.
Picture apparatus, Motion. L. H. de Langen. 2,171,722; Sept. 5.
Picture apparatus, Motion. H. N. Fairbanks. 2,165,363; July 11.
Picture apparatus, Motion. R. E. De Kay. 2,154,809; April 18.
Picture apparatus, Motion. R. L. Nowland. 2,148,493; Feb. 28.
Picture apparatus, Motion. H. C. Wellman. 2,183,521; Dec. 19.
Picture apparatus, Motion. R. W. Wengel. 2,169,011; Aug. 8.
Picture apparatus, Moving. J. O. Baker. 2,173,220; Sept. 19.
Picture apparatus, Moving. F. E. Runge. 2,173,237; Sept. 19.
Picture apparatus, Moving. R. S. Sumner. 2,174,020; Sept. 26.
Picture apparatus of the magazine type, Motion. N. Bouveng and G. A. Gillette, Jr. 2,143,756; Jan. 10.
Picture apparatus, Sound. J. S. Pesce. 2,184,565; Dec. 26.
Picture apparatus, Sound motion. G. B. Banks. 2,183,211; Dec. 12.
Picture apparatus, Stereoscopic moving. V. Glanz. 2,184,641; Dec. 26.
Picture apparatus, Talking motion. A. D. Lassiter. Re. 21,121; June 20.
Picture broadcasting system. R. K. Curley. 2,175,388; Oct. 10.
Picture broadcasting system. A. Weaver. 2,142,339; Jan. 3.
Picture building apparatus. J. Y. Henry. 2,176,797; Oct. 17.
Picture device, Three-dimension. F. Stark. 2,151,055; Mar. 21.
Picture display cabinet. A. B. Scott. 2,150,992; Mar. 21.
Picture film reel, Motion. A. Kolmodin. 2,180,829; Nov. 21.
Picture frame. L. L. McKeown. 2,179,699; Nov. 14.
Picture frame, Adjustable. M. Mandell and B. Schwartz. 2,164,299; June 27.
Picture holder. C. N. Cross. 2,181,874; Dec. 5.
Picture illumination. L. A. Nisle. 2,170,377; Aug. 22.
Picture machines, Attachment for motion. E. F. Tetzlaff. 2,158,208; May 16.
Picture making device. C. G. Lins. 2,167,518; July 25.
Picture medium, Impressed. M. Finke. 2,166,289; July 18.
Picture mount. F. H. Klie. 2,147,043; Feb. 14.
Picture projecting device. C. L. Stephens. 2,146,237; Feb. 7.
Picture projection, Color motion. F. T. O'Grady. 2,168,041; Aug. 1.
Picture reproducer. R. Barthelemy. 2,155,033; Apr. 18.
Picture reproducing apparatus, Sound motion. R. S. Morse. 2,180,014; Nov. 14.
Picture screen, Sound-reproducing and light-reflecting motion. A. B. Hurley. 2,175,434; Oct. 10.
Picture, Stereoscopic. H. E. Bernhard. 2,144,253; Jan. 17.
Picture, Stereoscopic. M. M. Idzal. Re. 21,082; May 16.
Picture system and apparatus, Motion. H. D. Ellsworth. 2,175,185; Oct. 10.
Picture system, Color motion. R. F. Thieme. 2,163,530; June 20.
Picture system, Talking motion. G., M., and J. Sabol. 2,173,768; Sept. 19.
Picture telegraph device. W. Scheppmann. 2,164,946; July 4.
Picture-translating tube. M. Ploke. 2,159,568; May 23.
Picture transmission. K. Schlesinger and M. von Ardenne. 2,175,033; Oct. 3.
Picture transmission apparatus. G. N. Ogloblinsky. 2,176,225; Oct. 17.
Picture transmission apparatus, Portable. H. Carlson. 2,149,277; Mar. 7.
Picture transmitting system. A. V. Bedford. 2,173,466; Sept. 19.
Picture with a cathode ray tube, Producing a sweep wave optical. B. J. Haskins and H. W. Mitchell. 2,167,177; July 25.
Pictures and other indicia on glass, Producing. T. Yamanaka. 2,143,254; Jan. 10.
Pictures and sound films, Producing colored. B. Gáspár. 2,155,894; Apr. 25.
Pictures and sound, Recording of. J. Musumeci. 2,144,738; Jan. 24.
Pictures, Apparatus for making motion. W. C. Robinette. 2,152,921; Apr. 4.
Pictures, Colored photographic. L. Jakob and B. Wendt. 2,177,257; Oct. 24.
Pictures, Device for reproducing cinematographic. A. Dvornik. 2,167,107; July 25.
Pictures, Device for the presentation of motion. T. H. Marten. 2,147,305; Feb. 14.
Pictures, Electrical transmission of color. W. G. H. Finch. 2,177,247; Oct. 24.
Pictures from one film strip, Simultaneously producing two or more totally different. V. C. de Ybarrondo. 2,142,183; Jan. 3.
Pictures in natural color, Projecting motion. R. T. and T. A. Killman. 2,156,814; May 2.
Pictures in natural colors in accordance with the three-color principle, Production of photographic. M. Beauvais. 2,159,683; May 23.
Pictures, Making animated motion. E. Kosa. 2,181,405; Nov. 28.
Pictures, Making color. E. A. Weaver. 2,183,598; Dec. 19.
Pictures, Making effects for motion. J. F. Seitz. 2,148,508; Feb. 28.
Pictures, Manufacture of colored photographic. J. Eggert and B. Wendt. 2,153,617; Apr. 11.
Pictures, Manufacture of polychrome. G. Wilmanns, W. Schneider, and E. Bauer. 2,179,238; Nov. 7.
Pictures, Method and apparatus for producing swinging dissolve motion. W. Thomas. 2,153,901; Apr. 11.
Pictures, Method and apparatus for the projection of motion. C. S. Ashcraft. 2,183,733; Dec. 19.
Pictures, Method of and apparatus for producing stereoscopic. C. F. Mendez. 2,157,138; May 9.
Pictures, Production of black-and-white photographic. J. Kleine and G. Wilmanns. 2,181,944; Dec. 5.
Pictures, Production of colored. E. Bauer. 2,177,632; Oct. 31.
Pictures, Production of sound motion. J. O. Baker. 2,178,217; Oct. 31.
Pictures, Production of still or motion. A. N. Goldsmith. 2,183,217; Dec. 12.
Pictures, Reproducing. G. Washington, Jr. 2,179,002; Nov. 7.
Pictures with sound, Apparatus for synchronizing. W. J. Morrissey. 2,142,141; Jan. 3.
Pie making machine. S. H. Pellar. 2,158,910; May 16.
Pie trimming machine. G. S. Frost. 2,182,079; Dec. 5.
Piepan. N. C. McBirney. 2,179,512; Nov. 14.
Piercing and riveting machine. R. A. Skriba. 2,154,824; April 18.
Piercing machine or the like. W. G. Bihler. 2,177,131; Oct. 24.
Piezo electric apparatus. W. W. Broughton. 2,151,736; Mar. 28.

Piezoelectric apparatus. T. Haase. 2,167,506; July 25.
Piezoelectric apparatus. S. C. Hight. 2,157,701; May 9.
Piezoelectric apparatus. O. M. Hovgaard and L. F. Koerner. 2,157,703; May 9.
Piezoelectric apparatus. W. P. Mason and R. A. Sykes. 2,173,589; Sept. 19.
Piezoelectric apparatus and circuits. W. P. Mason. 2,166,763; July 18.
Piezoelectric cell. E. M. Foster. 2,177,629; Oct. 31.
Piezoelectric crystal. J. M. Wolfskill. 2,157,808; May 9.
Piezoelectric crystal apparatus. C. A. Bieling. 2,155,035; April 18.
Piezoelectric crystal device. W. G. Cady. 2,170,318; Aug. 22.
Piezoelectric crystal device. R. E. Franklin. 2,173,552; Sept. 19.
Piezoelectric crystal holder. W. F. Diehl. 2,178,224; Oct. 31.
Piezoelectric crystal mounting. S. A. Bokovoy. 2,166,713; July 18.
Piezoelectric device. C. E. Semple, Jr. 2,168,809; Aug. 8.
Piezoelectric element. W. P. Mason. 2,178,146; Oct. 31.
Piezoelectric element, Two-frequency. S. A. Bokovoy. 2,176,653; Oct. 17.
Piezoelectric elements, Method of and apparatus for calibrating. W. F. Diehl and H. A. Clarke. 2,178,225; Oct. 31.
Piezoelectric filter, Variable band width. J. B. Atwood. 2,173,894; Sept. 26.
Pig casting machine. J. W. Ferree. 2,167,883; Aug. 1.
Pigment. M. H. Kliefoth. 2,174,920; Oct. 3.
Pigment. S. S. Svendsen. 2,165,315; July 11.
Pigment and making same, Coating. H. Roderick. 2,182,096; Dec. 5.
Pigment and making same, Satin white. L. T. Work. 2,145,149; Jan. 24.
Pigment and preparing, Azo. V. C. Vesce. 2,174,954; Oct. 3.
Pigment and preparing the same. H. A. Gardner. 2,172,505; Sept. 12.
Pigment and preparing the same, White titanium. W. F. Washburn, R. Dahlstrom, and A. T. McCord. 2,166,082; July 11.
Pigment and producing the same, Titanium. W. H. Madson. 2,166,257; July 18.
Pigment, Apparatus of mulling. C. E. Hoover, Jr. 2,150,603; Mar. 14.
Pigment chip composition. D. R. Wiggam. 2,184,539; Dec. 26.
Pigment composition, Yellow azo. J. W. Lang. 2,145,398; Jan. 31.
Pigment compositions, Preparation of. S. S. Cole. 2,184,938; Dec. 26.
Pigment, Cyclic process for making zinc sulphide. A. T. Mertes. 2,175,273; Oct. 10.
Pigment in organic vehicle compositions useful for making coating compositions, Preparing. R. R. Denslow, A. M. Erskine, and S. C. Horning. 2,153,515; Apr. 4.
Pigment, Metal paste. E. L. McMahan. 2,178,179–81; Oct. 31.
Pigment mixing apparatus. D. A. Wallace. 2,179,970; Nov. 14.
Pigment Pastes. K. Brodersen. 2,160,119; May 30.
Pigment pastes, Speeding up the making of. L. Room and A. Minich. 2,180,721; Nov. 21.
Pigment production, Azo. A. Siegel. 2,168,888; Aug. 8.
Pigment purification. E. Merz. 2,144,115; Jan. 17.
Pigment treatment process. C. K. Sloan and G. D. Patterson. 2,159,055; May 23.
Pigment, Water dispersing zinc sulphide. J. E. Booge. 2,178,334; Oct. 31.
Pigment, White titanium dioxide. R. Dahlstrom. 2,170,940; Aug. 29.
Pigmented base for coating compositions. R. L. Zapp. 2,173,445; Sept. 19.
Pigmented base for paints and the like. M. R. Vogel. 2,173,430; Sept. 19.
Pigments. J. Drucker. 2,148,194; Feb. 21.
Pigments and other particles, Freely flowing suspensions of. V. R. Abrams. 2,157,378; May 9.
Pigments and producing the same, Tinted. J. E. Booge and A. B. Laftman. 2,166,230; July 18.
Pigments, Bronze or metallic paste. O. A. Ziehl. 2,144,953; Jan. 24.
Pigments, Calcium sulphate. R. W. Sullivan. 2,163,385; June 20.
Pigments, Drying. A. E. Van Wirt, A. G. Aylies, and G. F. Jones. 2,152,716; Apr. 4.
Pigments, Improving the color of off-color cadmium red. J. J. O'Brien. 2,173,128; Sept. 19.
Pigments, Making composite titanium. L. E. Barton 2,170,800; Aug. 29.
Pigments, Making titanium. R. M. McKinney. 2,150,236; Mar. 14.
Pigments, Manufacture of titanium. R. W. Ancrum and G. Oppegaard. 2,161,755; June 6.
Pigments, Preparation of composite. H. V. Alessandroni. 2,176,875–7; Oct. 24.
Pigments, Preparation of titanium dioxide. H. V. Alessandroni. 2,167,626; Aug. 1.
Pigments, Preparation of titanium dioxide. H. V. Alessandroni. 2,167,628; Aug. 1.
Pigments, Preparation of white titanium dioxide. W. F. Washburn. 2,148,283; Feb. 21.
Pigments, Producing blended. M. L. Hanahan and R. A. Gagnon. 2,177,250–1; Oct. 24.
Pigments, Producing red chromium. E. Lederle. 2,157,712; May 9.
Pigments, Producing sulphide. J. E. Booge. 2,173,895; Sept. 26.
Pigments, Titanium dioxide. K. W. Petersen. 2,144,577; Jan. 17.
Pigments, Titanium dioxide. K. W. Petersen. 2,161,975; June 13.
Pigments, Treatment of titanium. R. M. McKinney. 2,150,235; Mar. 14.
Pile. C. G. Cappel. 2,174,436; Sept. 26.
Pile fabric. H. L. Shuttleworth. 2,163,135; June 20.
Pile fabric loom. H. V. Hardiman. 2,152,592; Mar. 28.
Pile fabrics, Apparatus for and method of weaving. F. M. Kaufman. 2,171,367; Aug. 29.
Pile foundation support. C. A. Orr and E. W. Riemenschneider. 2,168,269; Aug. 1.
Pile, Protected bearing. G. G. Greulich. 2,164,108; June 27.
Pile surfaces, Production of. A. F. Meston. 2,173,078; Sept. 12.
Pile with H-beam, Composite. M. M. Upson. 2,168,459; Aug. 8.
Piled surface in pattern form. A. F. Meston and H. A. Wintermute. 2,174,328; Sept. 26.
Piles, Constructing foundation. R. Bertrand. 2,169,789; Aug. 15.
Piling delivery. H. B. Greenwood and T. S. Fitchett. 2,142,243; Jan. 3.
Piling mechanism for plate mills. M. J. Ajello. 2,164,371; July 4.
Piling, Metallic. G. G. Greulich. 2,151,847; Mar. 28.
Piling, Preserving. N. H. McLain. 2,150,807; Mar. 14.
Pillar-light assembly. A. W. Prance. 2,159,532; May 23.
Pillow, Angular. R. González-Rincones. 2,149,140; Feb. 28.
Pillow or the like. M. Bentivoglio. 2,167,622; Aug. 1.
Pilot, Aircraft automatic. B. G. Carlson. 2,144,614; Jan. 24.
Pilot, Aircraft automatic. B. G. Carlson. 2,177,242; Oct. 24.
Pilot and coupler, Engine. F. H. Kayler. 2,176,842; Oct. 17.
Pilot burner, Automatic safety. J. K. Clark. 2,152,790; Apr. 4.
Pilot for aircraft, Automatic. L. B. Sperry. Re. 21,071; May 2.
Pilot for valve seat facing tools. E. A. Hall. 2,150,621; Mar. 14.
Pilot, Hydraulic automatic. B. G. Carlson and T. W. Kenyon. 2,143,139; Jan. 10.
Pilot protective system. E. L. Harder, B. E. Lenehan, and W. A. Lewis. 2,144,493; Jan. 17.
Pilot shaft, Floating. P. H. Armstrong. 2,178,331; Oct. 31.
Pilot wire relaying. M. A. Bostwick. 2,183,537; Dec. 19.
Pin: *See*—
Adjustable bier pin.
Bearing pin.
Bowling pin.
Clip pin.
Clothes pin.
Comb and stretching pin.
Corsage pin.
Cotter pin.
Coupling pin.
Dental pin.
Florist's pin.
Lingerie pin.
Pivot pin.
Smoker's dry-pipe pin.
Pin board. E. A. Schuster. 2,171,101; Aug. 29.
Pin bracket, Bobbie. C. C. Albright. 2,150,957; Mar. 21.
Pin construction, Center. H. N. Ekbom, E. Korensky, and E. R. Staehelin. 2,147,973; Feb. 21.
Pin feed attachment for autographic registers. L. F. Hageman. 2,179,150; Nov. 7.
Pin for artificial teeth and making same. G. M. Lease. 2,169,731; Aug. 15.
Pin lifting implement. L. F. Schipper. 2,163,105; June 20.
Pin setting device for holding materials for sewing, Automatic. M. S. Malek. 2,172,448; Sept. 12.
Pin to thin stock, Applying a pivot. R. A. Sandberg. 2,177,191; Oct. 24.
Pin tumbler lock. J. E. Hagendorn and J. Vervueren. 2,149,733; Mar. 7.
Pineapple gathering machine. A. Y. Chong. 2,169,521; Aug. 15.
Pinion gauge, Differential. A. E. Price. 2,155,562; Apr. 25.
Pinking device. V. J. Sigoda. 2,142,685; Jan. 3.
Pinking machine. V. J. Sigoda. 2,159,716–7; May 23,
Pinking machine. M. Wollman. 2,155,815; Apr. 25.
Pinking mechanism. V. J. Sigoda. 2,142,683; Jan. 3.
Pinking mechanism for sewing machines. V. J. Sigoda. 2,142,681; Jan. 3.
Pinking mechanism, Multiple. V. J. Sigoda. 2,172,570; Sept. 12.
Pipe: *See*—
Concrete pipe.
Expansion pipe.
Induction heated pipe.
Pneumatic conveying pipe.
Screen pipe.
Smoker's pipe.
Smoking pipe.
Tobacco pipe.
Tobacco smoking pipe.
Pipe. W. W. Bernard. 2,156,171; Apr. 25.
Pipe. H. O. Choquette. 2,153,955; Apr. 11.
Pipe. K. Schutz. 2,181,496; Nov. 28.

Pipe aligning clamp. J. B. Graham and R. G. Mayer. 2,167,887; Aug. 1.
Pipe aligning device. J. Gardiner. 2,156,651; May 2.
Pipe and forming same. A. C. Bean and J. B. Ray. 2,181,361; Nov. 28.
Pipe and making same, Smoking. D. P. Lavietes. 2,145,883; Feb. 7.
Pipe and pipe joint, Sheet metal. A. J. Parrish. 2,179,193; Nov. 7.
Pipe and producing same, Concrete. J. G. Prosser and E. L. Johnson. 2,164,625; July 4.
Pipe and valve for controlling the flow of fluid therethrough. J. B. Hennessy. 2,182,724; Dec. 5.
Pipe, Apparatus and process for welding. J. G. Nicolson. 2,160,082; May 30.
Pipe, Apparatus for molding concrete. J. G. Prosser. 2,164,624; July 4.
Pipe, Apparatus for wrapping. E. W. Seymour. 2,148,780; Feb. 28.
Pipe bending apparatus. W. G. Hardy. 2,148,748; Feb. 28.
Pipe bends and the like, Method and apparatus for making. G. A. Gaum. 2,176,961; Oct. 24.
Pipe body stainless reel. W. J. Simonds. 2,174,763; Oct. 3.
Pipe bracket. H. J. Charland. 2,152,871; Apr. 4.
Pipe carrier. S. P. Hull and J. J. Corcoran. 2,166,409; July 18.
Pipe cleaner. G. A. Bonge. 2,169,940; Aug. 15.
Pipe cleaner. W. G. Evenson. 2,183,906; Dec. 19.
Pipe cleaner. C. J. Kaiser. 2,184,220; Dec. 19.
Pipe cleaner. W. W. La Beaume. 2,175,199; Oct. 10.
Pipe cleaner. M. F. Lyons and B. Kaplan. 2,164,856; July 4.
Pipe cleaner. C. F. Smith. 2,180,437; Nov. 21.
Pipe cleaning apparatus. R. T. Quick. 2,167,087; July 25.
Pipe cleaning apparatus, Beer. H. Hirsch and S. Englander. 2,146,895; Feb. 14.
Pipe cleaning device. L. H. Slocumb. 2,144,419; Jan. 17.
Pipe cleaning device, Smoking. C. W. Ray. 2,171,314; Aug. 29.
Pipe cleaning machine. A. A. Froh. 2,152,036; Mar. 28.
Pipe closure. O. W. Ellis. 2,180,461; Nov. 21.
Pipe coating machine. R. E. Henry. 2,175,392; Oct. 10.
Pipe-coating machine. G. D. Williams. 2,170,314; Aug. 22.
Pipe connection and support, Locomotive steam. J. C. Maris. 2,163,886; June 27.
Pipe connections, Apparatus for testing. J. Keulers. 2,155,602; Apr. 25.
Pipe connector. B. M. Brownell. 2,166,232; July 18.
Pipe coupling. V. Beecher. 2,167,865; Aug. 1.
Pipe coupling. H. Graham. 2,146,067; Feb. 7.
Pipe coupling. C. Hampe and E. Kleisly. 2,148,746; Feb. 28.
Pipe coupling. E. H. Kocher. 2,182,811; Dec. 12.
Pipe coupling. R. J. Lauer. 2,179,127; Nov. 7.
Pipe coupling. F. M. Owen. 2,157,008; May 2.
Pipe coupling. M. L. Shultz. 2,150,042; Mar. 7.
Pipe coupling. J. E. Snyder. 2,162,184; June 13.
Pipe coupling. M. F. Waters. 2,165,163; July 4.
Pipe coupling and making and using the same. C. Hampe and E. Kleisly. 2,148,747; Feb. 28.
Pipe coupling assembly and making the same. E. W. Rembert. 2,180,695; Nov. 21.
Pipe coupling, Flexible. M. F. Waters. 2,165,164; July 4.
Pipe coupling lock. S. B. Martin and C. B. Waechter. 2,177,184; Oct. 24.
Pipe covering. J. E. Walker. 2,160,009; May 30.
Pipe cutter. H. D. Alston. 2,162,210; June 13.
Pipe cutter. F. G. Kugel. 2,146,959; Feb. 14.
Pipe cutter, Outside. C. R. Edwards. 2,160,691; May 30.
Pipe feed device. J. F. Putnam. 2,166,609; July 18.
Pipe feeding and coupling device. W. R. Postlewaite. 2,166,608; July 18.
Pipe filter. J. B. Clyne. 2,165,537; July 11.
Pipe fitting. J. J. Leonardo. 2,159,811; May 23.
Pipe fitting and producing the same. F. B. Wendel. 2,183,271; Dec. 12.
Pipe fitting, Extensible. J. H. Munro. 2,143,568; Jan. 10.
Pipe fittings, Making. E. S. Cornell, Jr. 2,170,853; Aug. 29.
Pipe fittings, Manufacturing wrought nonferrous. E. S. Cornell, Jr. 2,155,079; Apr. 18.
Pipe fixture, Heating. C. E. Daniels. 2,178,721; Nov. 7.
Pipe for gins, Drop. C. L. Hamilton. 2,178,934; Nov. 7.
Pipe for smoking tobacco. F. M. Ashley. 2,151,002; Mar. 21.
Pipe for storage tanks, Vent. G. A. Biasco. 2,152,459; Mar. 28.
Pipe forming apparatus. H. G. Blevins. 2,150,202; Mar. 14.
Pipe from wells, Removing. C. C. Brown. 2,149,417; Mar. 7.
Pipe guide, Antifriction. A. O. Mickelson and A. J. Duaei. 2,174,193; Sept. 26.
Pipe hanger. D. B. Flower. 2,161,782; June 13.
Pipe hanger. W. C. Powell. 2,156,639; May 2.
Pipe hanger. O. M. Redlon. 2,158,802; May 16.
Pipe hanger. S. P. Shea. 2,163,635; June 27.
Pipe jack. P. Breza. 2,161,013; June 6.
Pipe joint. R. C. Boughton. 2,170,004; Aug. 22.
Pipe joint. H. A. Burnip. 2,165,920; July 11.
Pipe joint. J. A. Byers. 2,145,645; Jan. 31.
Pipe joint. J. C. Helms and I. R. Devonald. 2,162,431; June 13.
Pipe joint. A. T. McWane. 2,146,641; Feb. 7.
Pipe joint. A. E. Osborn. 2,143,279; Jan. 10.
Pipe joint. C. R. Payne and G. L. Wirtz. 2,156,604; May 2.
Pipe joint. T. Raedle. 2,180,720; Nov. 21.
Pipe joint. J. D. Trammell. 2,173,792; Sept. 19.
Pipe joint. A. Westermayer. 2,175,712; Oct. 10.
Pipe joint. M. Yanagi. 2,159,242; May 23.
Pipe joint clamp. C. E. Norton. 2,178,286; Oct. 31.
Pipe joint connections, Making. R. Flagg. 2,145,168; Jan. 24.
Pipe joint, Flexible. E. Hering. 2,165,051–2; July 4.
Pipe joint, Metal. A. Stephenson. 2,166,078; July 11.
Pipe joint mold. E. J. Keegan. 2,180,810; Nov. 21.
Pipe joints, Apparatus for aligning, welding, and testing. J. B. Graham and R. G. Mayer. 2,167,886; Aug. 1.
Pipe joints, Welding. C. M. Hamblin. 2,173,109; Sept. 19.
Pipe lines, Apparatus for reconditioning or painting. A. F. Hodgkins and A. M. C. Jameson. 2,158,579; May 16.
Pipe lines, Method and apparatus for embedding submarine. J. L. Irvin. 2,144,063; Jan. 17.
Pipe lines, Protecting. H. F. Gremmel and H. D. Rice. 2,161,036; June 6.
Pipe, Making reinforced. J. E. Miller and P. L. Osweiler. 2,175,479; Oct. 10.
Pipe, Manufacture of spiral. A. K. Harford. 2,155,859; Apr. 25.
Pipe, Method and machine for making. A. P. Knapp. 2,157,988; May 9.
Pipe mold, Sand lined centrifugal. H. H. Farr. 2,142,097; Jan. 3.
Pipe molding apparatus. H. H. Farr. 2,142,096; Jan. 3.
Pipe or tube making. E. J. Novack. 2,167,424; July 25.
Pipe or tube mill. S. Findlater. 2,145,588–9; Jan. 31.
Pipe or tube mill. L. W. Long. 2,145,184; Jan. 24.
Pipe or tube rolling. S. Findlater. 2,167,418; July 25.
Pipe or tube welding. J. L. Anderson. 2,176,237; Oct. 17.
Pipe, Perforating. J. W. Hughes, R. C. Hopkins, and F. L. Odenbreit. 2,180,331; Nov. 14.
Pipe section, Making a. I. Harter. 2,177,127; Oct. 24.
Pipe stabbing guide. A. S. Volpin. 2,147,002; Feb. 14.
Pipe, Stacking. A. J. Duaei. 2,149,589; Mar. 7.
Pipe still. G. Auer. 2,169,086; Aug. 8.
Pipe support. J. F. Kohnke. 2,152,891; Apr. 4.
Pipe-supporting means, Adjustable spring tension. L. H. Gillick and J. Van Vulpen. 2,171,789; Sept. 5.
Pipe thread, Leak-resisting. W. M. Frame. 2,177,100; Oct. 24.
Pipe thread protector. B. Engstrom. 2,156,113; Apr. 25.
Pipe-thread protector. B. Engstrom. 2,167,235; July 25.
Pipe thread protector. R. A. Stevenson. 2,175,414; Oct. 10.
Pipe, Tobacco. D. P. Lavietes. Re. 21,209; Sept. 19.
Pipe union and fitting. I. Kaufman. 2,169,069; Aug. 8.
Pipe union, Valved. F. R. and F. M. Long. 2,170,478; Aug. 22.
Pipe welding and heat-treating process and means. H. B. Smith and G. A. Dolan. 2,184,534; Dec. 26.
Pipe-wrapping machine. S. P. Miller. 2,174,754; Oct. 3.
Pipe wrapping machine. W. C. Robinette. 2,161,530; June 6.
Pipe wrench. J. Best. 2,167,145; July 25.
Pipe wrench. S. N. Hall. 2,177,485; Oct. 24.
Pipe wrench. L. Kuhn. 2,163,842; June 27.
Pipe wrench. C. G. Minor. 2,142,696; Jan. 3.
Pipe wrench, Chain. F. L. Cook. 2,151,268; Mar. 21.
Pipes and the like, Apparatus for coating. A. G. Perkins. 2,168,917; Aug. 8.
Pipes and the like of concrete or other cementitious material, Construction of. W. A. Porter. 2,166,175; July 18.
Pipes and tubes, Apparatus for welding. J. J. Dunn. 2,179,176; Nov. 7.
Pipes, Apparatus for manufacturing or lining. D. A. Lyons and L. R. Earl. 2,161,968; June 13.
Pipes, Apparatus for the manufacture of centrifugally cast. M. Bunke. 2,148,802; Feb. 28.
Pipes, Device for shouldering well drill. F. Morgan. 2,159,287; May 23.
Pipes from quartz or glass having a high content in silicic acid, Apparatus for drawing. W. Hänlein. 2,155,131; Apr. 18.
Pipes, Making perforated concrete. J. Arborio. 2,181,959; Dec. 5.
Pipes, Method and apparatus for forming. K. Butcher. 2,160,720; May 30.
Pipes, Production of seamless asbestos cement. A. T. Reid. 2,177,810; Oct. 31.
Piperidine compound. E. Preiswerk and O. Schnider. 2,151,047; Mar. 21.
Piperidine compounds and preparing them. O. Eisleb. 2,167,351; July 25.
Pipetting machine. T. J. Carski and J. H. Brewer. 2,148,899; Feb. 28.
Piping or binding for articles of leather or fabric. Making an imitation of. R. M. Sichere. 2,146,772; Feb. 14.
Pistol, Air. J. P. Appleby. 2,151,676; Mar. 28.
Pistol, Air. F. Möller. 2,150,288; Mar. 14.

Pistol, Metal-spraying. H. Schlüpmann. 2,168,807; Aug. 8.
Pistol, Paper rupture. A. N. Smith. 2,176,474; Oct. 17.
Pistol rod. W. W. Birnstock. 2,158,396; May 16.
Piston. A. Corthals. 2,149,423; Mar. 7.
Piston. R. W. Doeg. 2,165,619; July 11.
Piston. L. A. Hallstead. 2,174,417; Sept. 26.
Piston. W. S. Harley. 2,180,521; Nov. 21.
Piston. F. Jardine. 2,142,272; Jan. 3.
Piston. F. Malina. 2,177,574; Oct. 24.
Piston. J. N. Martin. 2,167,811; Aug. 1.
Piston. A. L. Nelson. 2,149,862; Mar. 7.
Piston. A. V. Nicolle. 2,168,103; Aug. 1.
Piston. C. Retschy. 2,159,402; May 23.
Piston air compressor, Stationary. O. B. Johnson. 2,152,054; Mar. 28.
Piston, Air cooled. C. J. Hammersmith. 2,150,740; Mar. 14.
Piston and connecting rod construction. J. P. Orris. 2,163,803; June 27.
Piston and flush valve. J. D. Langdon. 2,181,900; Dec. 5.
Piston and rod, Combination. C. K. Stillwagon. 2,176,281; Oct. 17.
Piston and wrist-pin heater. G. M. Graham. 2,148,742; Feb. 28.
Piston, Bellows. H. D. Coleman. 2,160,248; May 30.
Piston, Composite. C. E. Summers. 2,162,830; June 20.
Piston compressor pump. L. M. Crosley. 2,147,767; Feb. 21.
Piston construction. A. C. Van Hooydonk. 2,157,039; May 2.
Piston cooling. H. J. Buttner. 2,142,175; Jan. 3.
Piston cooling arrangement. E. V. Rippingille. 2,183,031; Dec. 12.
Piston engine plant, Floating. H. Steiner. 2,163,767; June 27.
Piston expander. G. C. Beck. 2,151,071; Mar. 21.
Piston expander. C. C. Craven. 2,158,355; May 16.
Piston expander. W. H. Dillow. 2,184,489; Dec. 26.
Piston expander. C. F. Johnston. 2,150,062; Mar. 7.
Piston expander. H. P. Phillips. 2,180,428; Nov. 21.
Piston expander. D. D. Williams. 2,172,744; Sept. 12.
Piston expander, Adjustable. F. E. Milner. 2,145,426; Jan. 31.
Piston expanding apparatus. D. Rubin. 2,174,217; Sept. 26.
Piston for barrel engines, Wobbler actuating. H. Alfaro 2,157,586; May 9.
Piston for internal combustion engines. W. Borrmann and A. Keune. 2,145,845; Feb. 7.
Piston for internal combustion engines. W. Harper, Jr. 2,153,501; Apr. 4.
Piston for internal combustion engines. E. E. Leissner. 2,170,266; Aug. 22.
Piston for internal combustion motors. E. C. Long. 2,147,819; Feb. 21.
Piston grinding apparatus. C. J. Green. 2,179,213; Nov. 7.
Piston machine, Free. R. Pateras Pescara. 2,168,829; Aug. 8.
Piston meter. L. McCandless. 2,163,794; June 27.
Piston, Mud pump. E. E. Miller. 2,175,441–2; Oct. 10.
Piston peening machine. D. D. Robertson. 2,172,411; Sept. 12.
Piston pump. C. Gausmann. 2,168,122; Aug. 1.
Piston, Pump. G. C. Wells. 2,163,162; June 20.
Piston ring. J. J. Carroll. 2,160,379; May 30.
Piston ring. R. A. Hagen. 2, 160,654; May 30.
Piston ring. K. C. Hopple. 2,177,110; Oct. 24.
Piston ring. V. M. Lutz. 2,183,199; Dec. 12.
Piston ring. H. Maack. 2,148,764; Feb. 28.
Piston ring. M. J. Niederlehner. 2,169,613; Aug. 15.
Piston ring. H. P. Phillips. 2,148,997; Feb. 28.
Piston ring. H. P. Phillips. 2,175,409; Oct. 10.
Piston ring. A. C. Richards. 2,179,670; Nov. 14.
Piston ring. F. W. Wilkening. 2,148,518; Feb. 28.
Piston ring. F. W. Wilkening. 2,173,190; Sept. 19.
Piston ring and expander. J. Williams. 2,164,849; July 4.
Piston, ring, and ring expander. C. F. Johnston. 2,170,970; Aug. 29.
Piston ring arrangement. H. C. Hill. 2,178,993; Nov. 7.
Piston ring assembly. H. P. Phillips. 2,150,457; Mar. 14.
Piston ring construction. J. B. Fisher. 2,177,700; Oct. 31.
Piston ring, Covered joint. J. Giardino. 2,168,901; Aug. 8.
Piston ring operative on every part of the cylinder with balanced compression, Manufacturing method of the. T. Hiromi. 2,171,831; Sept. 5.
Piston ring remover. G. H. Feigh. 2,160,652; May 30.
Piston ring remover. F. A. Smith. 2,153,941; Apr. 11.
Piston rings, Making. V. F. Zahodiakin. 2,152,127–8; Mar. 28.
Piston rings, Manufacturing. W. J. Six. 2,183,358; Dec. 12.
Piston skirt construction, Lubricating. A. M. Alexandrescu. 2,147,956; Feb. 21.
Piston skirt expander. H. P. Phillips. 2,153,338; Apr. 4.
Piston skirt expander. L. A. Witter. 2,167,287; July 25.
Piston spreader. C. A. Marien. 2,159,975; May 30.
Piston, Steam. F. L. White. 2,149,154; Feb. 28.
Piston turning machine. I. J. Snader. 2,146,774; Feb. 14.
Piston valve. J. A. Ramsey. 2,158,591; May 16.
Piston, Valved. A. D. Ames and J. F. Furry. 2,158,351; May 16.
Piston, Welded two-piece light allow. R. M. Hazen and T. S. McCrae, Jr. 2,159,989; May 30.
Pistons and reactance combinations for radial piston pumps and motors. E. K. Benedek. 2,163,570; June 27.
Pistons, Apparatus for treating. H. M. Olson. 2,184,680; Dec. 26.
Pistons, Apparatus for truing. A. B. Fall. 2,153,863; Apr. 11.
Pistons for internal combustion engines, Making thin walled plated. R. H. McCarroll. 2,181,947; Dec. 5.
Pistons, Making. A. J. Weatherhead, Jr., and C. H. Crawley. 2,174,644; Oct. 3.
Pistons, Making composite. G. H. Blettner. 2,148,423; Feb. 28.
Pistons, Treating. H. M. Olson. 2,149,787; Mar. 7.
Pistons, Treating worn. C. W. Prochaska. 2,153,992; Apr. 11.
Pit apparatus, Drop. H. K. Christie. 2,178,624; Nov. 7.
Pit apparatus, Drop. L. D. Holmes. 2,178,632; Nov. 7.
Pit, Portable barbecue. E. Rosson. 2,143,999; Jan. 17.
Pitter, fruit. G. W. Ashlock, Jr. 2,157,518; May 9.
Pitch determining device. S. L. Alexander. 2,183,902; Dec. 19.
Pitch propeller, Controllable. T. Barish. 2,147,078; Feb. 14.
Pitch propeller, Controllable. F. W. Caldwell. 2,163,663; June 27.
Pitch propeller mechanism, Variable. W. S. Hoover. 2,184,143; Dec. 19.
Pitch propeller, Multiposition controllable. F. W. Caldwell, E. Martin, and J. E. Anderson. 2,174,717; Oct. 3.
Pitch propeller, Variable. E. B. Cairns. 2,172,932; Sept. 12.
Pitch propeller, Variable. P. Horrocks. 2,155,311; Apr. 18.
Pitch propeller, Variable. H. H. Platt. 2,152,419; Mar. 28.
Pitch propeller, Variable. H. H. Platt. 2,177,535; Oct. 24.
Pitcher's box. A. H. Boltz. 2,154,469; May 2.
Pitchometer, Recording. I. D. Eby. 2,172,368; Sept. 12.
Pitman. W. J. Coultas and L. A. Paradise. 2,174,307; Sept. 26.
Pitman lock ring. B. C. Kingsbury. 2,147,534; Feb. 14.
Pitman or like machine element. C. J. Hudson, 2,162,436; June 13.
Pitot-static tube. W. S. Diehl. 2,179,500; Nov. 14.
Pivot arm for masking leg drops, Reversible. C. O. Hayes. 2,148,553; Feb. 28.
Pivot member for swinging doors, Adjustable. E. R. Schroeder. 2,184,532; Dec. 26.
Pivot pin. F. Ellingsen. 2,151,294; Mar. 21.
Pivot, Slip locking. R. W. and J. P. Palmer. 2,152,563; Mar. 28.
Pivotal joint. V. P. Mathews. 2,171,157; Aug. 29.
Placer mining device. W. R. Scott. 2,144,941; Jan. 24.
Plain knit ornamented fabric. J. L. Getaz. 2,168,868; Aug. 8.
Plaited product and forming the same. P. Trubitz. 2,183,820; Dec. 19.
Plaiting machine. A. Germain. 2,182,943; Dec. 12.
Plane, Hand belt sanding. A. F. Hill. 2,154,814; Apr. 18.
Planer. A. Trosch. 2,184,608; Dec. 26.
Planet gear. A. G. von Soden-Fraunhofen. 2,174,672; Oct. 3.
Planetary reduction gear. R. and A. Chilton. 2,179,072; Nov. 7.
Planetary transmission system. G. Fleischel. 2,169,523; Aug. 15.
Planetary transmission system. G. Fleischel. 2,180,671; Nov. 21.
Plank for covering hatches and other openings. H. E. Frick. 2,146,180; Feb. 7.
Plank gib for power plate printing presses. A. A. Grossarth. 2,164,401; July 4.
Planographic printing plate. D. Rubinstein. 2,147,778; Feb. 21.
Planographic printing plate and making the same. F. L. Simons. 2,156,100; Apr. 25.
Plant and insect eradicator. E. V. Hawkins and S. Indermuhle. 2,168,099; Aug. 1.
Plant cultivation. M. W. Swaney. 2,177,422; Oct. 24.
Plant foliage, Curing. M. R. Coe. 2,164,030; June 27.
Plant for hydraulically operating delivery pumps. E. T. Jäderblom. 2,154,904; Apr. 18.
Plant for pulverizing and burning coal. B. Graemiger. 2,159,849; May 23.
Plant for the investigation of hydraulic machines. C. Keller. 2,164,000; June 27.
Plant for working mercury ores. J. Plüschke. 2,156,192; Apr. 25.
Plant husbandry apparatus. H. Mainers. 2,171,160; Aug. 29.
Plant irrigating and feeding device. R. B. Kingman. 2,145,934; Feb. 7.
Plant package. C. E. Wilson. 2,160,998; June 6.
Plant protector. H. B. Bessac. 2,143,257; Jan. 10.

Plant protector. H. Griesbacher. 2,171,397; Aug. 29.
Plant protector. W. F. Gross. 2,181,016; Nov. 21.
Plant protector. S. N. Slade, Sr. 2,157,502; May 9.
Plant setter. E. L. Masters. 2,171,067; Aug. 29.
Plant-setting device. R. W. Oakley. 2,163,802; June 27.
Plant support. N. C. Wade. 2,174,955; Oct. 3.
Planter. L. R. King. 2,166,413; July 18.
Planter. V. Mahurin. 2,171,037; Aug. 29.
Planter. H. Maly. 2,175,356; Oct. 10.
Planter. O. J. Parks, and M. Ronning. 2,155,443; Apr. 25.
Planter. H. R. Traphagen. 2,172,485; Sept. 12.
Planter, Check row. C. K. Shedd and E. V. Collins. 2,175,035; Oct. 3.
Planter, Check-row. H. R. Traphagen. 2,181,441; Nov. 28.
Planter, Corn. L. K. Botnen. 2,178,716; Nov. 7.
Planter, Corn. J. N. Stout. 2,178,053; Oct. 31.
Planter driving mechanism, Seed. G. E. Knauer. 2,145,769; Jan. 31.
Planter, Grain. P. Brower. 2,164,639; July 4.
Planter, Potato. C. F. Schmidt. 2,166,732; July 18.
Planter runners, Elevating and lowering. W. G. Stevens, Jr. 2,170,490; Aug. 22.
Planters, Side dressing apparatus for. E. M. Cole. 2,167,023; July 25.
Planting device. A. G. Thomas. 2,165,663–4; July 11.
Planting mechanism. C. H. White. 2,147,726; Feb. 21.
Plants for parasites, Treating. D. C. Heim. 2,150,767; Mar. 14.
Plants, Propagation of. P. W. Zimmerman and A. E. Hitchcock. 2,169,549; Aug. 15.
Plants, Solution for propagation of. P. W. Zimmerman and A. E. Hitchcock. 2,168,550; Aug. 8.
Plants, Supporting potted. L. H. Jones. 2,157,340; May 9.
Plants, Termination of rest period of deciduous. A. M. Boyce, W. H. Chandler, and M. H. Kimball. 2,166,123; July 18.
Plaque. J. V. Cavalero. 2,180,195; Nov. 14.
Plaque, Bank. J. V. Cavelero. 2,156,081; Apr. 25.
Plaque for X-ray machines. T. S. Buckley. 2,162,420; June 13.
Plaster base. J. Reid. 2,167,998; Aug. 1.
Plaster base unit. W. J. Jordan, Jr. 2,164,069: June 27.
Plaster-cast cutter. E. Richards. 2,146,916; Feb. 14.
Plaster from plate glass surfacing tables, Apparatus for removing. J. D. McLeod and H. A. Reynolds. 2,159,631; May 23.
Plastering apparatus. S. A. Earnshaw. 2,168,329; Aug. 8.
Plasterlike products. R. S. Shutt. 2,152,670; Apr. 4.
Plastic and applying a plastic coating, Liquid. L. V. Slauter and H. Salter. 2,148,381; Feb. 21.
Plastic and producing same. R. C. Hills and M. M. Barnett. 2,174,000; Sept. 26.
Plastic bodies, Making inlaid cellulose. C. Schuster. 2,169,930; Aug. 15.
Plastic composition. C. Conover. 2,147,242; Feb. 14.
Plastic composition. J. A. Kenney. 2,163,243; June 20.
Plastic composition, Making a. M. R. Ximenez. 2,157,645; May 9.
Plastic compositions from polymerized vinyl compounds. H. Fikentscher and G. Hagen. 2,151,507; Mar. 21.
Plastic compositions, Production of. A. G. Rodwell. 2,157,018; May 2.
Plastic compositions, Sound absorbent. J. G. Britton. 2,182,535; Dec. 5.
Plastic compound. S. Pellerano. 2,174,164; Sept. 26.
Plastic compound. N. B. Radabaugh. 2,162,387; June 13.
Plastic derivatives of vinylidene chloride. J. H. Reilly and R. M. Wiley. 2,160,904; June 6.
Plastic, Fiber-glass-containing. C. Ellis. 2,176,837; Oct. 17.
Plastic impression compound. R. E. Yoder. 2,149,804; Mar. 7.
Plastic masses, Coloring. G. Niemann and L. Kollek. 2,168,576; Aug. 8.
Plastic masses, Manufacture of. M. Hagedorn. 2,157,697; May 9.
Plastic masses onto sheets, Extruding. A. Kampfer. 2,154,333; Apr. 11.
Plastic material and producing containers therefrom, Process and apparatus for working organic. E. T. Ferngren. 2,175,053; Oct. 3.
Plastic material, Apparatus for drawing. A. G. Rose. 2,170,309; Aug. 22.
Plastic material, Apparatus for forming hollow articles from organic. E. T. Ferngren and W. H. Kopitke. 2,175,054; Oct. 3.
Plastic material, Apparatus for molding. E. L. Schick. 2,172,111; Sept. 5.
Plastic material, Art of extruding moist. S. C. Lyons. 2,154,949; Apr. 18.
Plastic material, Molding. H. R. Husted. 2,182,400; Dec. 5.
Plastic materials, Apparatus for consolidating. R. W. Baily. 2,180,660; Nov. 21.
Plastic, molding, and coating compositions, and the like and method of making. J. D. Robinson. 2,173,181; Sept. 19.
Plastic, Protein. O. Sturken. 2,178,924; Nov. 7.
Plastic sheets, Softening. J. F. T. Berliner. 2,159,926; May 23.
Plastic, Vegetable tanned leather. W. C. Pierson. 2,184,467; Dec. 26.
Plasticity of polymers of substituted butadienes, Increasing. M. A. Youker. 2,165,525; July 11.
Plasticizer. C. H. Alexander. 2,175,048; Oct. 3.
Plasticizer. J. J. Schaefer. 2,161,201; June 6.
Plasticizer. C. F. Winans. 2,165,951; July 11.
Plasticizer for cellulose derivatives. C. Ellis. 2,160,133; May 30.
Plasticizer, Vulcanizable. B. S. Garvey. 2,155,590–1; Apr. 25.
Plasticized composition. H. A. Winkelmann. 2,174,674; Oct. 3.
Plasticizing method. S. E. Palmer. 2,150,939; Mar. 21.
Plastics and producing the same. J. C. Patrick. 2,142,145; Jan. 3.
Plastics, Apparatus for extruding varicolored. J. Delorme. 2,174,779; Oct. 3.
Plastics, High-molecular sulphur-containing. R. Schröter and W. Becker. 2,166,507; July 18.
Plastics, Making shaped casein. J. A. Parsons. 2,166,550; July 18.
Plastics, Manufacture of decorative. F. R. Conklin. 2,154,438; Apr. 18.
Plastics, Manufacture of polysulphide. G. Källner and G. Krause. 2,151,212; Mar. 21.
Plastics, Preparing. F. R. Conklin. 2,155,303; Apr. 18.
Plastics, Production of. E. C. Sherrard, E. Beglinger, J. P. Hohf, and E. Bateman. 2,153,316; Apr. 4.
Plastics, Stress-relieving. W. L. Semon. 2,176,153; Oct. 17.
Plate and making same, Lithographic. W. H. Wood. 2,179,245; Nov. 7.
Plate and rail clip combination, Tie. T. Ryan. 2,160,344; May 30.
Plate attachment for retread mold, Pressure. G. O. Beckman. 2,181,558; Nov. 28.
Plate clutch. G. E. Stanley. 2,150,083; Mar. 7.
Plat, Cooking. E. H. Lockwood. 2,177,282; Oct. 24.
Plate cooler for stereopticon slides. H. G. Cunninghan and W. F. Hanberry. 2,175,343; Oct. 10.
Plate, Electric hot. J. D. Morgan. 2,180,602; Nov. 21.
Plate element for building parts, Metallic. M. Fould. 2,164,681; July 4.
Plate fastening device. J. De Mooy. 2,159,655; May 23.
Plate fastening device. H. R. Rosenberry. 2,175,318; Oct. 10.
Plate finishing and cooling machine, Stereotype. H. A. W. Wood. 2,168,548; Aug. 8.
Plate finishing machine. L. G. Olander. 2,158,249; May 16.
Plate for brake hangers, Wear. V. H. Harbert. 2,169,729; Aug. 15.
Plate for chill molds, Supporting. J. Haag. 2,153,464; Apr. 4.
Plate for electrical accumulators or storage batteries and making the same. W. A. Gibbons and E. Hazell. 2,177,062; Oct. 24.
Plate for fractionating columns, Boiling cap. J. L. Allen. 2,142,231; Jan. 3.
Plate for shoes, Reinforcing. P. Kyska. 2,145,658; Jan. 31.
Plate for storage battery cells, Outside. A. H. Snyder. 2,151,667; Mar. 21.
Plate for tractors, Street. E. H. Rider. 2,161,486; June 6.
Plate for watt-hour meters, Balancing. S. S. Green. 2,160,416; May 30.
Plate for wheel presses, Coupling. H. Wochner. 2,171,282; Aug. 29.
Plate, Foundation. F. F. Mills. 2,153,672; Apr. 11.
Plate, Fractionating. W. A. Peters, Jr. 2,164,080; June 27.
Plate, Heating. A. Friz. 2,171,977; Sept. 5.
Plate inking device and method. C. P. Shaw. 2,151,411; Mar. 21.
Plate, Interlocking flashing. B. Hanson. 2,168,204; Aug. 1.
Plate, Laminated wooden. G. Kähr. 2,153,715; Apr. 11.
Plate, Lithograph. J. V. R. Shepherd. 2,154,219; Apr. 11.
Plate, Money. A. Knotz. 2,164,528; July 4.
Plate, Mosaic. H. Strübig. 2,164,961; July 4.
Plate or tag, Automobile. A. S. Hainsworth. 2,182,919; Dec. 12.
Plate, Pie. S. H. Pellar. 2,158,911; May 16.
Plate-printing device. A. G. Wahl. 2,176,371; Oct. 17.
Plate, Stereotype. H. N. Durham. 2,180,732; Nov. 21.
Plate structure, Trussed. E. H. Wells, Jr. 2,157,374; May 9.
Plate, Zinc engraving. W. H. Finkeldey. 2,180,293; Nov. 14.
Plates, Apparatus for etching. L. E. Holland. 2,168,407; Aug. 8.
Plates, Apparatus for forming coated paper. P. R. Simmons. 2,166,268; July 18.
Plates, Apparatus for straightening hot. F. Ungerer. 2,144,783; Jan. 24.
Plates, Manufacturing refrigerant. S. Jennings, Jr. 2,142,513; Jan. 3.
Plates, Producing planographic printing. H. H. H. and C. Renck. 2,143,524; Jan. 10.
Platen and/or feed roller for typewriting and like machines. A. E. Vickery. 2,182,141; Dec. 5.

Platen press. G. A. Schieren. 2,168,452; Aug. 8.
Platen press. R. W. Stanley and E. H. Merritt. 2,172,003; Sept. 5.
Platen, Split. J. Q. Sherman and A. W. Metzner. 2,173,864; Sept. 26.
Plating, Chemical. D. C. Wilkerson. 2,168,638; Aug. 8.
Plating machine. J. F. Trudeau. 2,142,829; Jan. 3.
Plating solutions, Apparatus and process for the study of. R. O. Hull. 2,149,344; Mar. 7.
Platform and pipe rack for oil well derricks. I. T. Minyard and E. L. Layman. 2,161,719; June 6.
Platform, Ladder. E. J. Moberg. 2,151,135; Mar. 21.
Platform mount and lift for windrowers. W. Hage. 2,161,814; June 13.
Platform operating means. J. J. Mikes. 2,178,879; Nov. 7.
Platform or the like, Suspending and moving a. A. L. Medenwald. 2,164,128; June 27.
Platform, Pole or tower. R. C. Barnes. 2,168,111; Aug. 1.
Platform, Roaster. P. J. Huntzinger and G. R. Snyder. 2,145,263; Jan. 31.
Platform, Skid. G. Quayle. 2,145,093; Jan. 24.
Platform, Tipping load-carrying. J. T. Ratcliffe. 2,169,661; Aug. 15.
Platinum crucible. J. S. Streicher. 2,142,660; Jan. 3.
Platinum metal compounds and making them. E. F. Rosenblatt. 2,166,076; July 11.
Play device. C. Birch. 2,168,392; Aug. 8.
Pleats, Forming. A. M. Hess. 2,167,651; Aug. 1.
Plier and wrench, Combination. E. T. Shover. 2,173,215; Sept. 19.
Plier, Stapling. E. C. Johnson. 2,157,987; May 9.
Pliers. C. S. Butler. 2,175,626; Oct. 10.
Pliers. A. Cruickshank. 2,144,180; Jan. 17.
Pliers, Stapling. A. Balma. 2,174,219; Sept. 26.
Plotting protractor. A. O. Gottschalk. 2,178,962; Nov. 7.
Plow. J. B. Berryhill. 2,164,693; July 4.
Plow. H. Chibnik. 2,154,973; Apr. 18.
Plow. A. R. Coviello. 2,163,832; June 27.
Plow. G. H. Hamill. 2,151,270; Mar. 21.
Plow. W. T. Nash. 2,164,220; June 27.
Plow. H. J. Nordman and D. Morazen. 2,146,757; Feb. 14.
Plow. A. A. Scarlett. 2,184,438; Dec. 26.
Plow. C. G. Strandlund. 2,150,661; Mar. 14.
Plow. C. G. Strandlund. 2,179,526; Nov. 14.
Plow. C. G. Strandlund. 2,179,528; Nov. 14.
Plow. C. G. Strandlund. 2,180,618; Nov. 21.
Plow. C. G. Strandlund. 2,181,410; Nov. 28.
Plow. C. G. Strandlund. 2,184,403; Dec. 26.
Plow attachment. O. Fleck. 2,182,020; Dec. 5.
Plow attachment for tractors. A. C. Lindgren and J. Morkovski. 2,156,569; May 2.
Plow bottom. C. V. Beckstrom. 2,145,915; Feb. 7.
Plow colter and shoe. A. E. Lindelof. 2,161,714; June 6.
Plow coupling. T. L. Fields. 2,147,974; Feb. 21.
Plow, Edging. W. H. Welsh. 2,175,984; Oct. 10.
Plow, Floating. W. W. Swearinger. 2,159,867; May 23.
Plow, Harrow. A. C. Lindgren and A. D. Gallagher. 2,184,428; Dec. 26.
Plow hitch. G. W. Foster. 2,145,007; Jan. 24.
Plow, Lister. F. J. Imsick. 2,167,210; July 25.
Plow, Motor-equipped snow. H. J. Behrens, M. H. Bemis, E. R. Greer, and A. E. Morrison. 2,152,860; Apr. 4.
Plow, Rotary snow. D. G. Chase. 2,179,713; Nov. 14.
Plow, Rotary snow. R. A. Drake. 2,152,840; Apr. 4.
Plow, Snow. R. E. Cole. 2,169,224; Aug. 15.
Plow, Snow. J. E. McCulley. 2,152,200; Mar. 28.
Plow, Snow. R. Niewendorp. 2,150,396; Mar. 14.
Plow, Snow. S. P. Peereboom. 2,162,635; June 13.
Plow, Snow. E. C. Ploetz. 2,154,353; Apr. 11.
Plow, Snow. P. Rougier. 2,152,092; Mar. 28.
Plow, Snow. R. E. Stevenson. 2,165,314; July 11.
Plow, Snow. S. G. Washburn. 2,151,491; Mar. 21.
Plow, Two-way. J. Peterson. 2,168,882; Aug. 8.
Plows and the like, Constructing. C. G. Strandlund. 2,179,527; Nov. 14.
Plows, Attachment for. C. P. Leggett. 2,174,829; Oct. 3.
Plowshare, Adjustable. P. B. Kremer. 2,156,991; May 2.
Plowshare structure. W. E. Brelsford. 2,153,451; Apr. 4.
Plowshares, Apparatus for shaping. E. N. Childs. 2,147,882; Feb. 21.
Plug-nozzle for Diesel motors, Fuel-injection. P. Wiebicke. 2,183,284; Dec. 12.

Plug: *See*—
Analyzer plug.
Attachment plug.
Bait or decoy plug.
Dart type plug.
Detachable rectifier plug.
Drain plug.
Electric attachment plug.
Electric plug.
Electrical terminal plug.
Expanding pipe plug.
Expansion plug.
Fuse plug.
Fused plug.
Glow plug.
Hatch plug.
Ingot mold plug.
Interlocking electric plug.
Lower cementing plug.
Male electric plug.
Nailing plug.
Nonspill vent plug.
Paper refining engine plug.
Plumber's test plug.
Rail joint plug.
Safety fused plug.
Safety plug.
Shield telephone plug.
Spark plug.
Sparking plug.
Tamping plug.
Top-cementing plug.
Trolling plug.
Twin contact plug.
Two-way and waste plug.
Utensil plug.
Valved tap plug.
Wall and like plug.
Wall plug.
Well pipe plug.
Well plug.

Plug. M. Hoedemaker. 2,148,945; Feb. 28.
Plug. L. B. MacGregor. 2,182,483; Dec. 5.
Plug and jack construction. T. J. Obszarny. 2,157,428; May 9.
Plug and jack structure. T. Obszarny. 2,145,949; Feb. 7.
Plug and receptacle. J. M. Roper. 2,181,154; Nov. 28.
Plug and receptacle, Combination explosionproof switch. R. A. Blood. 2,176,290; Oct. 17.
Plug and receptacle switch. W. H. Frank. 2,154,238; Apr. 11.
Plug and socket connection, Electrical. S. M. Del Camp. 2,180,923; Nov. 21.
Plug and socket connector, Quick attachable. A. Hauser. 2,154,812; Apr. 18.
Plug and socket device, Shielded. W. G. Roby. 2,173,323; Sept. 19.
Plug and socket, Electric. H. R. Ellis. 2,147,525; Feb. 14.
Plug and socket member, Shielded. S. M. Del Camp. 2,169,961; Aug. 15.
Plug assembling machine, Electric connector. R. J. Turner. 2,163,716; June 27.
Plug cap. G. B. Benander. 2,162,544; June 13.
Plug cap with its terminals and electrical conductors, Mechanism for and process of assembly of a flexible. J. Wertzheiser. 2,169,777; Aug. 15.
Plug, Cementing. S. R. Robinson. 2,167,778; Aug. 1.
Plug for barrels and other containers, Indicating. E. Miller. 2,144,460; Jan. 17.
Plug for insertion in walls, floors, ceilings, and other places, Wall. W. W. Hamill. 2,172,125; Sept. 5.
Plug for internal combustion engines, Glow. E. White. 2,178,659; Nov. 7.
Plug for lining up and welding casing and line pipe. J. B. Graham and R. G. Mayer. 2,167,896; Aug. 1.
Plug for staybolts and the manufacture thereof, Porous. W. T. Kilborn and F. K. Landgraf. 2,150,927; Mar. 21.
Plug for use in cementing wells. R. M. Calkins. 2,179,812; Nov. 14.
Plug for walls, Hollow. G. D. Buck. 2,148,977; Feb. 28.
Plug, Forming a spark. E. B. Nowosielski. 2,150,725; Mar. 14.
Plug insert for bore holes for cushion blasting in gaseous mines. F. Stružík. 2,164,690; July 4.
Plug stop for well casings, Cementing. R. C. Baker and C. E. Burt. 2,178,847; Nov. 7.
Plug switch. B. Linder. 2,171,983; Sept. 5.
Plug terminal, Vent. C. J. Goguen and S. S. Stewart, Jr. 2,181,182; Nov. 28.
Plug terminals, Aupparatus for forming and attaching. C. J. Keller. 2,169,802; Aug. 15.
Plug type switch. W. J. Bauroth. 2,168,663; Aug. 8.
Plug valve. C. W. Anderson. 2,142,550; Jan. 3.
Plug valve. S. J. Nordstrom. 2,182,930; Dec. 12.
Plug valve, Rotary. E. C. McFarlane. 2,142,795; Jan. 3.
Plug valve, Rotary. E. C. McFarlane and E. Levy. 2,152,810; Apr. 14.
Plug with enlarged cooling chamber, Spark. A. E. Anderson. 2,149,261; Mar. 7.
Plugging off bottom hole water under pressure. R. E. O'Donnell. 2,169,569; Aug. 15.
Plugging tool. C. C. Brown. 2,182,196; Dec. 5.
Plugs in extraction units, Method and mechanism for continuously forming liquid-impervious. M. Bonotto. 2,184,248; Dec. 19.
Plugs, Manufacture spark. D. H. Corbin. 2,162,062; June 13.
Plugs, Manufacturing wall and like. J. J. Rawlings. 2,150,845; Mar. 14.
Plugs or wads for cigarettes, Manufacture of filter. F. F. Ruau. 2,145,528–9; Jan. 31.
Plumber's test plug. L. H. Thomas and P. S. Robinson. 2,177,916; Oct. 31.
Plumbing. C. Price. 2,176,470; Oct. 17.
Plumbing fixture. J. S. Judell. 2,173,064; Sept. 12.
Plumbing system. W. C. Shanley. 2,148,968; Feb. 28.
Plumbite solution. J. E. Drapeau. 2,178,742; Nov. 7.
Plunger. F. A. Thaheld. 2,181,748; Nov. 28.
Plunger for a closure of a gas holder. F. Einbeck. 2,145,620; Jan. 31.
Plunger for mechanical pencils and producing same. J. P. Lynn. 2,145,450; Jan. 31.
Plunger, Pump. H. E. Brandt. 2,142,712; Jan. 3.
Plunger, Pump. S. B. Sargent, Jr. 2,182,527; Dec. 5.
Plunger switch. N. McKinney. 2,142,522; Jan. 3.
Plunger valve. G. A. Applegarth. 2,148,891; Feb. 28.
Plywood, Making. J. V. Nevin. 2,150,697; Mar. 14.
Plywood, Normalizing hot pressed. J. V. Nevin. 2,150,841; Mar. 14.
Plywood press. E. E. Beard. 2,142,932; Jan. 3.
Plywood, Treating and using. H. J. Ries. 2,181,912; Dec. 5.
Plywood with an aqueous glue, Making nonchecking. G. H. Osgood. 2,150,658; Mar. 14.
Pneumatic circulation drier. E. Schneider. 2,156,924; May 2.
Pneumatic cleaner. D. B. Replogle. 2,175,642; Oct. 10.

Pneumatic control apparatus. A. Dewandre. 2,159,879; May 23.
Pneumatic control valve. G. Meyer. 2,165,001; July 4.
Pneumatic conveying pipe. E. W. Leicht. 2,153,984; Apr. 11.
Pneumatic dispatch system. W. J. Taylor, J. A. Boudreau, and R. E. Cote. 2,176,439; Oct. 17.
Pneumatic fender tool. R. J. Champayne. 2,179,992; Nov. 14.
Pneumatic motor. E. J. Monnier. 2,180,993; Nov. 21.
Pneumatic percussion tool. C. L. Towle. 2,178,246; Oct. 31.
Pneumatic separator. F. C. Menk. 2,147,911; Feb. 21.
Pneumatic tool. S. Geldhof. 2,171,029; Aug. 29.
Pneumatic tool. W. A. Smith, Jr. 2,177,158; Oct. 24.
Pneumatic tool, Power-operated. A. Palmros. 2,171,946; Sept. 5.
Pneumatic tube. E. T. Wyman. 2,183,760; Dec. 19.
Pneumatically operated switch, Pressure control. C. H. Rippl. 2,172,261; Sept. 5.
Pocket. A. Feit. 2,165,843; July 11.
Pocket construction. H. A. Speh. 2,180,914; Nov. 21.
Pocket construction, Glove. M. Attanasio. 2,171,440; Aug. 29.
Pocket, Disappearing. M. Wald. 2,165,081; July 4.
Pocketknife. E. E. Weaver. 2,183,901; Dec. 19.
Pocket receptacle, Flexible. W. R. Buxton. 2,176,987; Oct. 24.
Pocket toilet set container. M. Schnider. 2,168,073; Aug. 1.
Pointer setting mechanism. I. R. Farnham and R. J. Jauch. 2,163,376; June 20.
Poise. L. J. Colenback. 2,143,186; Jan. 10.
Poison mixture for trap gun cartridges. E. P. Marlman. 2,166,168; July 18.
Poison, Purified bee. G. Hahn. 2,154,934; Apr. 18.
Polar compounds and making the same, High molecular weight. H. W. Huijser and C. N. J. de Nooijer. 2,142,980; Jan. 3.
Polarizing attachment for optical instruments such as microscopes. C. D. West. 2,152,513; Mar. 28.
Polarizing layer. G. Wilmanns and W. Schneider. 2,176,516; Oct. 17.
Polarizing structure. H. Sauer. 2,185,018; Dec. 26.
Pole, Draft. A. J. Kjos. 2,179,189; Nov. 7.
Pole or pile pulling device. S. G. Neff. 2,160,892; June 6.
Pole piece for magnetic telegraphones. G. E. Perreault. 2,181,707; Nov. 28.
Pole, Ski. J. McArthur. 2,157,420; May 9.
Pole-snubbing device. C. J. Lemont. 2,169,102; Aug. 8.
Polish, Automobile. A. L. Blount and M. T. Flaxman. 2,154,721; Apr. 18.
Polish, Metal. M. T. Flaxman. 2,164,810; July 4.
Polish rod clamp. C. W. Criswell. 2,173,355; Sept. 19.
Polish rod clamp. I. Naylor and B. Yost. 2,153,474; Apr. 4.
Polisher. H. Martelli. 2,149,061; Feb. 28.
Polishing and abrading head. O. P. Hill. 2,156,179; Apr. 25.
Polishing and surfacing device. M. H. Bissell. 2,173,350; Sept. 19.
Polishing block. J. Green. 2,156,686; May 2.
Polishing compositions, Apparatus for manufacture of wax. G. Kaufman. 2,167,438; July 25.
Polishing machine. A. O. Brooke. 2,170,792; Aug. 29.
Polishing machine. J. P. Cox. 2,165,616; July 11.
Polishing machine. D. Edgar. 2,156,381; May 2.
Polishing machine. E. R. Martin. 2,160,885; June 6.
Polishing machine. W. H. Wood. 2,151,670; Mar. 21.
Polishing machine fixture. H. Anderson. 2,173,245; Sept. 19.
Polishing machine fixture. J. H. Gould. 2,151,909; Mar. 28.
Polishing means. F. Höllstin. 2,169,841; Aug. 15.
Polishing pad package and preparing same. L. B. and E. A. Leavitt. 2,163,046; June 20.
Polishing wheel, Expansible. W. Krause. 2,142,873; Jan. 3.
Polyamides. W. H. Carothers. 2,149,273; Mar. 7.
Polyamides. W. H. Carothers. 2,174,619; Oct. 3.
Polyamides. G. D. Graves. 2,149,286; Mar. 7.
Polyamides. R. A. Jacobson. 2,176,074; Oct. 17.
Polyamides. W. R. Peterson. 2,174,527; Oct. 3.
Polyamides and their production. W. H. Carothers. 2,158,064; May 16.
Polyamides, Preparation of. W. H. Carothers and G. D. Graves. 2,163,584; June 27.
Polyamides, Preparation of. G. D. W. Graves. 2,165,253; July 11.
Polyamides, Steam treatment of. J. B. Miles, Jr. 2,157,117; May 9.
Polyamines and making them, Aliphatic. A. W. Ralston and R. J. Vander Wal. 2,178,522; Oct. 31.
Polyamines and their use in dyeing with vat and sulphur dyestuffs, Hydroxylated. V. Kartaschoff and J. Link. 2,155,135; Apr. 18.
Polychlorophenol product, Composite. K. R. Fox, E. C. Hyry, and I. Hatfield. 2,180,142; Nov. 14.
Polyesters, Preparing. W. A. Lazier. 2,182,991; Dec. 12.
Polyhydroxy-fuchsone derivatives by means of aliphatic groups, Production of. Z. Földi. 2,184,491; Dec. 26.
Polyiodo derivatives of acylamino acids and their salts and making the same. M. Dohrn and P. Diedrich. 2,160,413; May 30.
Polymer composition. R. Rosen and R. M. Thomas. 2,160,172; May 30.
Polymeric material. D. D. Coffman. 2,177,637; Oct. 31.
Polymeric products, Fabricating vinylidene chloride. R. S. McClurg and D. L. Gibb. 2,176,091; Oct. 17.
Polymeric products, Preparing. W. Starck and H. Freudenberger. 2,158,311; May 16.
Polymerization. B. M. Marks. 2,161,481; June 6.
Polymerization. N. D. Scott. 2,146,447; Feb. 7.
Polymerization and catalyst therefor. V. Ipatieff and R. E. Schaad. 2,157,208; May 9.
Polymerization in the gaseous state. W. Heuer. 2,179,040; Nov. 7.
Polymerization, Inhibiting. J. W. C. Crawford. 2,143,941; Jan. 17.
Polymerzation of 1,2-dihydronaphthalene and polymer. J. F. Walker. 2,168,011; Aug. 1.
Polymerization of unsaturated compounds. J. N. J. Perquin and H. Stokman. 2,168,271; Aug. 1.
Polymerization process. W. Bauer and H. Lauth. 2,160,054; May 30.
Polymerization process. P. J. Flory. 2,172,374; Sept. 12.
Polymerization products from butadiene or its substitution products and solid polymerized isobutylene. M. Mueller-Cunradi and W. Daniel. 2,180,082; Nov. 14.
Polymerization products, Manufacture of. O. Röhom and W. Bauer. 2,154,639; Apr. 18.
Polymerization products, Manufacture of rubberlike. B. J. Habgood, R. Hill, and L. B. Morgan. 2,161,038–9; June 6.
Polymerization products of acetylene, Continuous production of. R. Stadler and K. Haberl. 2,145,058; Jan. 24.
Polymerization products of ethylene, Producing. J. Sixt. 2,183,154; Dec. 12.
Polymerization products of vinyl chloride, Producing. H. Fikentscher and W. Franke. 2,147,154; Feb. 14.
Polymerization with boron fluoride. A. H. Gleason and R. Rosen. 2,184,957; Dec. 26.
Polymers, Fabricating vinylidene chloride. R. M. Wiley. 2,183,602; Dec. 19.
Polymers from hydrocarbon gases, Producing valuable. R. Rosen and R. M. Thomas. 2,178,808; Nov. 7.
Polymers of isobutylene, Producing. M. Otto and H. G. Schneider. 2,172,403; Sept. 12.
Polyphase alternating current motor. C. C. Shutt. 2,182,646; Dec. 5.
Polyphosphates and polyphosphate mixtures, Producing. F. Bornemann and H. Huber. 2,174,614; Oct. 3.
Polysaccharides, Conversion of starchy. G. V. Caesar. Re. 21,057; Apr. 25.
Polystyrol coating composition. S. M. Stoesser and A. R. Gabel. 2,174,538; Oct. 3.
Polysulphides of organic bases and of their solutions, Manufacture of. A. von Antropoff and J. Friedrichsen. 2,167,319; July 25.
Polyureas, Making aliphatic. H. W. Arnold. 2,145,242; Jan. 31.
Polyvinylchloride, Shaping. G. Wick. 2,167,441; July 25.
Pomace, Treating fruit. E. Prati. 2,174,707; Oct. 3.
Pontics, Dental. A. A. Lawry. 2,178,043; Oct. 31.
Pool table, Automatically controlled. C. W. Crenshaw. 2,143,221; Jan. 10.
Pool treatment system, Nonsiphoning swimming. R. B. Everson. 2,162,074; June 13.
Pop valve. C. A. Campbell and L. A. Safford. 2,165,611; July 11.
Popcorn dispensing device. R. B. Hills and H. E. Pleasant. 2,158,119; May 16.
Popper, Automatic corn. R. E. Kortum, Jr. 2,175,531; Oct. 10.
Popper, Corn. T. V. Barnard. 2,150,888; Mar. 14.
Popper, Corn. A. S. Knapp. 2,158,460; May 16.
Popper, Electric corn. S. A. Platt. 2,159,489; May 23.
Poppet valve, Positive action. H. A. Slater and B. R. Tarrant. 2,169,773; Aug. 15.
Poppet valve, Rotating and adjustable. G. W. Douglas and J. J. Dewey. 2,165,239; July 11.
Popsicle freezing device. F. R. Stamp. 2,175,324; Oct. 10.
Porcelain enamel and glass, Apparatus for manufacturing. G. H. McIntyre and G. R. Sylvester. 2,169,611; Aug. 15.
Porcelain-surface protection. F. B. Johnson. 2,179,297; Nov. 7.
Portable acetylene generator. H. Reiner. 2,166,552; July 18.
Portable apparatus for supplying heavy mastics to mastic applying guns. R. E. Kelley. 2,160,871; June 6.
Portable bending brake. J. Jensen. 2,181,566; Nov. 28.
Portable bending brake. F. Peters. 2,160,441; May 30.
Portable display rack. W. H. Jones. 2,154,622; Apr. 18.
Portable electric lamp. B. E. White. 2,167,789; Aug. 1.
Portable electric tool. C. Desoutter. 2,174,936; Oct. 3.
Portable electrically heated tool. W. A. Kuehl. 2,147,981; Feb. 21.
Portable heater. W. L. Lamkin. 2,165,390; July 11.
Portable lamp. A. B. Oday. 2,146,591; Feb. 7.
Portable road roller. R. W. Keeler. 2,171,255; Aug. 29.
Portable stand. J. D. Ebert. 2,172,123; Sept. 5.
Portable stand. R. B. Pealer. 2,178,605; Nov. 7.
Portable tool. O. P. Wodack and J. F. Haas. 2,175,499; Oct. 10.

Portable water color box. L. Cutrow. 2,170,709; Aug. 22.
Pose-reflecting apparatus. L. G. Simjian. 2,143,926; Jan. 17.
Pose reflecting apparatus. L. G. Simjian. 2,161,262; June 6.
Pose reflecting system. L. G. Simjian. 2,161,264; June 6.
Position by radio beacons, Determining. E. Kramar. 2,184,843; Dec. 26.
Position in a given area, Direct indication of. J. P. Shanklin. 2,144,203; Jan. 17.
Position indicator for machine tools. W. L. MacRae. 2,153,424; Apr. 4.
Position indicator, Multiple turn. P. F. Scofield. 2,151,534; Mar. 21.
Position-locating apparatus. R. E. Jensen. 2,169,532; Aug. 15.
Position of a submarine device, System and apparatus for determining at a distance the angular. C. S. Lawton. 2,171,156; Aug. 29.
Position reversing device. G. H. Leland. 2,142,731; Jan. 3.
Positional control motor. F. S. Hodgman. 2,180,205; Nov. 14.
Positions by radio beacons, System for determining. E. Müller. 2,156,060–61; Apr. 25.
Post. G. A. Gleason. 2,162,301; June 13.
Post construction. A. B. Lank. 2,158,291; May 16.
Post construction for highway guardrails and the like, End. E. J. Russert and C. L. Hinsdale. 2,146,445; Feb. 7.
Post, Double tapered steel. G. G. Greulich. 2,176,530; Oct. 17.
Post for tennis nets. S. H. Petersen. 2,159,633; May 23.
Post or pile pulling device. S. G. Neff. 2,160,891; June 6.
Post sealing device for storage battery cells. E. W. Breisch. 2,151,650; Mar. 21.
Post, Seat. E. H. Werner. 2,174,340; Sept. 26.
Post, Sound. E. R. Born. 2,154,025; Apr. 11.
Postage marking machine, Coin controlled. G. A. Ammann. 2,151,672; Mar. 28.
Postage meter. M. Moore. 2,152,204; Mar. 28.
Postage meter counter lock. J. A. Strother. 2,168,457; Aug. 8.
Postage meter unit. J. W. Ogden. 2,179,232; Nov. 7.
Postal coin carrier. W. A. Didier. 2,153,505; Apr. 4.
Postcard or window display, Folding. V. Sandberg. 2,148,279; Feb. 21.
Posture chair. W. F. Herold. 2,153,327; Apr. 4.
Pot, Blast furnace cinder or open hearth slag. C. W. Howat. 2,143,557; Jan. 10.
Pot, Carburizing. T. A. Frischman and C. G. Shontz. 2,178,683; Nov. 7.
Pot, Cinder. A. D. Davies. 2,152,245; Mar. 28.
Pot, Cinder. A. D. Davies. 2,157,748; May 9.
Pot, Cinder. W. Johnston, Jr. 2,181,331; Nov. 28.
Pot, Dash. L. J. Nowak, Jr. 2,165,501; July 11.
Pot for slug casting machines, Metal. E. M. Goodbody. 2,165,177; July 4.
Pot for slug casting machines, Metal. L. W. Willis. 2,167,616; July 25.
Pot, Glue. F. E. Finlayson. 2,170,681; Aug. 22.
Pot, Melting. N. Lester. 2,182,403; Dec. 5.
Pot, Melting. G. W. Temple. 2,152,446; Mar. 28.
Pot or pan lifting implement. R. Cicchiello. 2,168,730; Aug. 8.
Pot, Removable water-cooled slag. H. F. Gibbs. 2,154,980; Apr. 18.
Potash, Mining. R. Cross. 2,161,800; June 13.
Potassium iodide. Stabilizing. J. B. Shumaker. 2,164,089; June 27.
Potassium nitrate, Preparation of. J. Dessèvre, L. Durepairs, and B. Quanquin. 2,157,260; May 9.
Potato cutter. L. S. Callen. 2,166,622; July 18.
Potato digger. F. H. Bateman and I. Trolley. 2,154,429; Apr. 18.
Potato digger chain. A. T. Knoerzer. 2,149,776; Mar. 7.
Potato digger chain. T. J. Lockwood. 2,177,730; Oct. 31.
Potatoes and root crops, Dehydrating comminuted. K. Maus. 2,185,129; Dec. 26.
Potential measuring apparatus. J. A. Victoreen. 2,162,412; June 13.
Potential-regulating apparatus. P. Rauhut. 2,146,914; Feb. 14.
Potential supply system, Bias. P. F. G. Holst. 2,154,091; Apr. 11.
Pots, Making clay. C. E. Fulton. 2,149,595; Mar. 7.
Pottery and other goods during firing processes, Supporting. W. E. Maddock. 2,146,585; Feb. 7.
Pottery, Process and installation for making. W. J. Miller. 2,148,871; Feb. 28.
Pottery, Producing. W. Salisbury. 2,183,944; Dec. 19.
Pottery ware, Apparatus for the manufacture of. W. J. Miller. 2,160,483; May 30.
Pouch, Cellophane tobacco. L. M. Klein. 2,161,474; June 6.
Pouch exchange apparatus, Mail. D. F. Douglass. 2,142,607; Jan. 3.
Pouch, Key. D. J. Nash and R. L. Hatfield. 2,176,677; Oct. 17.
Pouch, Tobacco. W. H. Shaw. 2,166,224; July 18.
Poultry bleeding and steaming machine. P. Onorato and E. Weinaug. 2,152,082–3; Mar. 28.
Poultry blood testing table. W. H. Crooks. 2,161,020; June 6.
Poultry feeder. A. J. Bergeron. 2,163,186; June 20.
Poultry waterer. S. B. Miller. 2,154,345; Apr. 11.
Pouncing machine and method of pouncing. P. Schultze. 2,163,383; June 20.
Powder, and product thereof, Preparation of progressive-burning smokeless. E. S. Goodyear. 2,147,698; Feb. 21.
Powder and product thereof, Preparation of progressive-burning smokeless. E. S. Goodyear. 2,179,330; Nov. 7.
Powder composition, Metallic. J. E. Drapeau, Jr., and J. O. Johnstone. 2,173,100; Sept. 19.
Powder container. I. Aizic. 2,147,136; Feb. 14.
Powder, Deodorant. H. E. Melton. 2,144,632; Jan. 24.
Powder dispenser. E. G. Masters. 2,164,618; July 4.
Powder distributing attachment for tractors. L. A. Zinke. 2,171,205; Aug. 29.
Powder divider, Prescription. L. F. Martin, Jr. 2,170,150; Aug. 22.
Powder, Edible dusting. C. L. Griffith and L. A. Hall. 2,144,371; Jan. 17.
Powder-feeding device. P. E. Sage. 2,174,138; Sept. 26.
Powder for use in etching, Acid resist. D. B. Alnutt. 2,168,756; Aug. 8.
Powder insufflator. P. Goldenthal. 2,147,158; Feb. 14.
Powder, Irradiated dusting. G. Stux. 2,153,653; Apr. 11.
Powder manufacture, Black. C. W. Brooks, Jr. 2,168,020; Aug. 1.
Powder. Manufacture of smokeless. E. S. Goodyear. 2,159,208; May 23.
Powder, Manufacture of smokeless. F. Olsen, G. C. Tibbitts, and E. B. W. Kerone. 2,175,212; Oct. 10.
Powder metallurgy. R. L. Patterson and C. G. Goetzel. 2,175,850; Oct. 10.
Powder packing box. F. R. Rueppel. 2,184,151; Dec. 19.
Powder, Preparation of progressive-burning somkeless. B. Troxler. 2,152,509; Mar. 28.
Powder, Progressive-burning smokeless. E. R. Allison. 2,179,312–5; Nov. 7.
Powder propeller. G. L. Rigor. 2,181,205; Nov. 28.
Powder puff. F. Hartley. 2,176,795; Oct. 17.
Powder puff. E. L. and E. A. Reiffert. 2,159,227; May 23.
Powder receptacle. A. Schroeder. 2,146,487; Feb. 7.
Powder refill for compacts. R. Aitken. 2,158,099; May 16.
Powder, Restoring the stability of deteriorated smokeless. A. M. Ball. 2,151,494; Mar. 21.
Powdered material, Method and apparatus for handling. N. S. Borch. 2,170,258; Aug. 22.
Powdered mixtures, Method and apparatus for homogenizing. E. Hastert. 2,171,398–9; Aug. 29.
Powdering machine for thermographic raised printing, Automatic. S. Lipsius. 2,175,272; Oct. 10.
Powders, Apparatus for agitating finely divided. H. W. Price. 2,185,158; Dec. 26.
Power and communication cable, Combined. H. F. Dickinson. 2,180,731; Nov. 21.
Power and steering mechanism. D. D. Raze. 2,171,294; Aug. 29.
Power apparatus, Fluid actuated. S. C. Kyle. 2,168,711; Aug. 8.
Power applying unit. A. F. Klasing. 2,145,767; Jan. 31.
Power attachment for burial devices. W. W. Haase. 2,163,174; June 20.
Power attachment for food mixers. W. E. Gundelfinger. 2,176,379; Oct. 17.
Power attachment for lawn mowers. A. R. Cooper. 2,160,259; May 30.
Power bender. C. P. Chamberlin and J. H. Toner. 2,156,146; Apr. 25.
Power bender. C. P. Chamberlin and J. H. Toner. 2,158,401; May 16.
Power bond. C. A. Forssell. 2,154,674; Apr. 18.
Power capacitor. H. Brooks. 2,162,475; June 13.
Power control. J. W. Allen and H. W. Graybrook. 2,168,921; Aug. 8.
Power control apparatus, Vacuum. A. E. Roy. 2,144,853; Jan. 24.
Power control for machine tools. J. J. Mellon. Re. 21,017; Feb. 28.
Power control means for variable speed pulleys, Automatic. O. E. Pensbee. 2,167,003; July 25.
Power control system. E. Weber. 2,179,364; Nov. 7.
Power control system, Electric. R. M. Bowie. 2,178,827; Nov. 7.
Power controller for vehicle brakes. N. A. Christensen. 2,150,022; Mar. 7.
Power conversion, Electric. G. T. Southgate. 2,165,309; July 11.
Power device. W. E. Stout. 2,175,578; Oct. 10.
Power device for earth-drilling machines, Removable. W. T. Caldwell. 2,169,678; Aug. 15.
Power distributing mechanism. L. R. Tallman. 2,147,469; Feb. 14.
Power distributing system. A. F. Kenyon. 2,182,630; Dec. 5.
Power-divided transmission. C. J. Bock. 2,158,320; May 16.
Power drive. H. L. Turney. 2,160,447; May 30.
Power drive, Auxiliary. L. E. Lubbers. 2,178,841; Nov. 7.

Power drive unit. L. J. Bishop. 2,161,893; June 13.
Power-driven hand-guided machine. F. Manz and K. Rosenfelder. 2,182,926; Dec. 12.
Power driven tool. T. L. Hedgpeth. 2,154,745; Apr. 18.
Power driven tool. T. L. Hedgpeth. 2,176,572; Oct. 17.
Power driven tool, Portable. N. A. Lopez. 2,160,274; May 30.
Power driving mechanism. W. H. Blount. 2,151,417; Mar. 21.
Power equalizing device. J. Ostler and K. Zwick. 2,178,122; Oct. 31.
Power generating and driving means. E. T. Wyman. 2,147,074; Feb. 14.
Power generating apparatus. C. W. Dake. 2,181,120; Nov. 28.
Power, Generation of. C. M. Park. 2,147,666; Feb. 21.
Power generator. H. Honnef and H. Geffcken. 2,167,265; July 25.
Power generator, Wind operated. H. Geffcken. 2,144,719; Jan. 24.
Power jack. F. Hawkins. 2,152,048; Mar. 28.
Power lift implement. F. D. Jones. 2,165,859; July 11.
Power lift mechanism. T. Brown and T. W. Paul. 2,175,246; Oct. 10.
Power lift mechanism. C. W. Mott. 2,172,986; Sept. 12.
Power lighting system. K. Clark. 2,164,187; June 27.
Power line protective system. L. F. Hunt. 2,147,842; Feb. 21.
Power lines, Stringing and sagging in. A. P. Taylor. 2,174,427; Sept. 26.
Power lines, Stringing and sagging in. A. P. Taylor. 2,174,429; Sept. 26.
Power machine unit, Convertible. J. F. Carey. 2,151,688; Mar. 28.
Power means for automatic accessory actuation: E. G. Staude. 2,179,236; Nov. 7.
Power, navigation, and flood control. W. F. Powers. 2,161,529; June 6.
Power output control. H. A. Centervall. 2,164,308; July 4.
Power outputs, Obtaining. H. Hähnle. 2,164,134; June 27.
Power plant. G. Diedrich. 2,159,758; May 23.
Power plant. C. Keller. 2,172,910; Sept. 12.
Power plant. R. P. Lansing. 2,177,199; Oct. 24.
Power plant. J. Riise. 2,171,994; Sept. 5.
Power plant. A. Rosch. 2,171,346; Aug. 29.
Power plant. H. Vorkauf. 2,154,481; Apr. 18.
Power plant. A. M. Wolf. 2,185,165; Dec. 26.
Power plant, Aircraft. N. C. Price. 2,160,281; May 30.
Power plant apparatus for aircraft. B. Hoffmann. 2,158,858; May 16.
Power-plant control apparatus. K. Schmer. 2,165,983; July 11.
Power plant for motor vehicles. J. G. Vincent. 2,163,476; June 20.
Power plant, Hydraulic. D. Gössler. 2,158,231; May 16.
Power plant, Hydroelectric. H. Odill. 2,163,102; June 20.
Power plant, Motor vehicle. E. C. Horton. 2,147,405; Feb. 14.
Power plant, Multiple engine. A. Chilton, C. C. De Pew, and R. Chilton. 2,165,453; July 11.
Power-propelled vehicle. J. M. Swanson, J. E. Huber, and W. N. Olson. 2,172,264; Sept. 5.
Power press. R. B. Treer. 2,169,747; Aug. 15.
Power regulating system. R. W. Weeks. 2,152,576; Mar. 28.
Power regulation. E. Friedländer and O. Schmutz. 2,181,321; Nov. 28.
Power relay. O. D. Grandstaff. 2,152,042; Mar. 28.
Power relay, Directional. R. I. Ward. 2,148,145; Feb. 21.
Power shaft unit for four-wheel drive. A. W. Herrington. 2,162,334; June 13.
Power shifter. A. T. Bodle. 2,145,150; Jan. 24.
Power soarer. E. F. Andrews. 2,170,958; Aug. 29.
Power station, Wind-operated electrical. H. Honnef. 2,180,206; Nov. 14.
Power steering mechanism. R. Tinker. 2,182,102; Dec. 5.
Power steering mechanism. B. Ulinski. 2,167,224; July 25.
Power supply system. R. H. George, H. J. Heim, and J. W. Hammond. 2,157,534; May 9.
Power system. L. S. Cooper. 2,154,303; Apr. 11.
Power system. D. W. McLenegan. 2,157,830; May 9.
Power system. G. F. Smith. 2,157,869; May 9.
Power system. M. A. Whiting and D. W. McLenegan. 2,157,840; May 9.
Power system and control therefor. C. G. Suits. 2,157,926; May 9.
Power system, Fluid pressure. H. A. Centervall. 2,183,541; Dec. 19.
Power, System for the transmission of mechanical. G. H. Schieferstein. 2,154,361; Apr. 11.
Power system, Hydraulic. C. M. Conradson. 2,166,940; July 25.
Power system protection. J. T. Logan. 2,177,900; Oct. 31.
Power take-off. H. W. Simpson. 2,162,979; June 20.
Power take-off for engine-driven mechanisms. O. U. Zerk and D. R. Vanneman. 2,169,334; Aug. 15.
Power take-off for motor vehicles. C. D. Peterson. 2,158,483; May 16.
Power take-off for power driven vehicles. H. A. Hutchins and J. S. Stewart. 2,178,280; Oct. 31.
Power take-offs. R. A. Colgin. 2,178,322; Oct. 31.
Power tool, Putty-removing. J. A. Sauser and R. F. Wert. 2,176,104; Oct. 17.
Power transmission. O. A. Banner. 2,162,543; June 13.
Power transmission. R. E. Cassidy. 2,179,841; Nov. 14.
Power transmission. T. B. Doe. 2,148,262; Feb. 21.
Power transmission. T. B. Doe and E. L. Rose. 2,157,692; May 9.
Power transmission. T. B. Doe and E. L. Rose. 2,177,098; Oct. 24.
Power transmission. T. B. Doe, E. L. Rose, and C. E. Grosser. 2,161,143; June 6.
Power transmission. T. B. Doe and W. Thomas. 2,177,097; Oct. 24.
Power transmission. W. T. Dunn. 2,159,426–7; May 23.
Power transmission. W. T. Dunn. 2,177,872; Oct. 31.
Power transmission. W. T. Dunn. 2,182,427; Dec. 5.
Power transmission. W. T. Dunn and T. Iavelli. 2,173,648; Sept. 19.
Power transmission. W. T. Dunn and O. W. Schotz. 2,170,856; Aug. 29.
Power transmission. W. T. Dunn, A. J. Syrovy, and R. T. Bucy. 2,159,429; May 23.
Power transmission. A. L. Ellis. 2,164,647; July 4.
Power transmission. E. Fischbach. 2,149,513; Mar. 7.
Power transmission. F. Focher, Jr. 2,158,227; May 16.
Power transmission. H. G. Gros. 2,146,117; Feb. 7.
Power transmission. C. E. Grosser. 2,157,852; May 9.
Power transmission. F. S. Hodgman. 2,171,177; Aug. 29.
Power transmission. T. Iavelli. 2,177,889; Oct. 31.
Power transmission. P. Landrum. 2,175,473; Oct. 10.
Power transmission. E. R. Maurer and J. H. Coyne. 2,159,442; May 23.
Power transmission. R. V. Morse. 2,184,395; Dec. 26.
Power transmission. C. A. Neracher and W. T. Dunn. 2,147,750; Feb. 21.
Power transmission. C. A. Neracher and W. T. Dunn. 2,162,785; June 20.
Power transmission. C. A. Neracher and W. T. Dunn. 2,170,869; Aug. 29.
Power transmission. C. A. Neracher and T. Iavelli. 2,159,339; May 23.
Power transmission. C. A. Neracher, T. Iavelli, and A. J. Syrovy. 2,173,655; Sept. 19.
Power transmission. H. C. Nye. 2,180,817; Nov. 21.
Power transmission. H. F. Patterson. 2,162,788; June 20.
Power transmission. E. L. Rose. 2,148,277; Feb. 21.
Power transmission. E. L. Rose. 2,168,655; Aug. 8.
Power transmission. E. L. Rose and R. L. Tweedale. 2,168,656; Aug. 8.
Power transmission. A. M. Rossman. 2,170,838; Aug. 29.
Power transmission. J. P. Ruth. 2,173,729; Sept. 19.
Power transmission. L. D. Searcy. 2,163,066; June 20.
Power transmission. E. S. Segard. 2,172,991; Sept. 12.
Power transmission. H. Thoma. 2,154,710; Apr. 18.
Power transmission. R. Tinker. 2,164,758; July 4.
Power transmission. R. L. Tweedale. 2,146,133; Feb. 7.
Power transmission. W. W. Zaenger. 2,181,162; Nov. 28.
Power transmission and speed reducer. J. F. Jaworowski. 2,158,327; May 16.
Power transmission apparatus. J. W. Hamblin. 2,148,352; Feb. 21.
Power transmission apparatus. E. T. Harmon and P. W. Doherty. 2,167,276; July 25.
Power transmission apparatus, Hydraulic. E. L. Durrell and M. T. Archer. 2,164,173; June 27.
Power transmission apparatus, Hydraulic. P. M. Salerni. 2,173,428; Sept. 19.
Power transmission, Automatic. W. A. Duffield. 2,144,256; Jan. 17.
Power transmission control. A. Madlé. 2,157,267; May 9.
Power transmission control, Variable speed. A. Madlé. 2,157,065; May 2.
Power transmission device. D. K. Pilkington. 2,161,429; June 6.
Power transmission device. H. L. Rusch. 2,145,894; Feb. 7.
Power transmission device. H. Shapiro and I. Joffe. 2,149,873; Mar. 7.
Power transmission device, Automatic variable speed. H. J. Murray. 2,143,711; Jan. 10.
Power transmission device for automobiles and the like, Automatic. K. E. Evrell. 2,177,212; Oct. 24.
Power transmission device, Hydraulic. J. Yoxall. 2,154,882; Apr. 18.
Power transmission device, Variable speed. A. H. Jessen. 2,152,739; Apr. 4.
Power transmission device, Variable speed. H. J. Murray. 2,143,709; Jan. 10.
Power-transmission gear. J. W. Marsh. 2,168,359; Aug. 8.
Power transmission, Hydraulic. D. S. de Lavaud. 2,184,606; Dec. 26.
Power transmission, Hydraulic. A. Lysholm and F. Horney. 2,142,199; Jan. 3.
Power transmission, Hydraulic. W. P. van Lammeren. 2,152,113; Mar. 28.

Power transmission mechanism. J. A. H. Barkeij. 2,181,541; Nov. 28.
Power transmission mechanism. M. de Falco. 2,179,405; Nov. 7.
Power transmission mechanism. J. E. Englund. 2,163,595; June 27.
Power-transmission mechanism. A. H. Jessen. 2,161,473; June 6.
Power transmission mechanism. R. M. and G. C. Jett. 2,178,859; Nov. 7.
Power transmission mechanism. S. S. Johns. 2,176,401; Oct. 17.
Power transmission mechanism. H. Köhl. 2,142,730; Jan. 3.
Power transmission mechanism. A. Madlé. 2,157,066; May 2.
Power transmission mechanism. J. E. McAdams and W. D. Burton. 2,145,942; Feb. 7.
Power transmission mechanism. F. C. Reggio. 2,165,872; July 11.
Power transmission mechanism. H. Sinclair and R. C. Clerk. 2,184,533; Dec. 26.
Power transmission mechanism. C. Scholl. 2,145,943; Feb. 7.
Power transmission mechanism. E. T. Shaw. 2,157,352; May 9.
Power transmission mechanism. K. Sieg. 2,181,210; Nov. 28.
Power transmission mechanism. H. A. Smitt. 2,157,465; May 9.
Power transmission mechanism. H. Thoma. 2,150,950; Mar. 21.
Power transmission mechanism, Automatic variable speed. T. F. Rainsford. 2,174,835; Oct. 3.
Power transmission mechanism, Epicyclic. W. G. Wilson. 2,164,729; July 4.
Power transmission mechanism, Hydromechanical. F. W. Cotterman. 2,157,230; May 9.
Power transmission mechanism, Reversible incrementally variable-speed. W. R. Perry. 2,175,551; Oct. 10.
Power transmission mechanism, Variable speed. S. H. Teece. 2,149,560; Mar. 7.
Power transmission, Motor vehicle. C. Breer. 2,159,316; May 23.
Power transmission, Motor vehicle. H. F. Patterson. 2,173,659; Sept. 19.
Power transmission, Motor vehicle. A. J. and H. S. Phelan. 2,182,407; Dec. 5.
Power transmission or clutch. W. D. Huff. 2,183,454; Dec. 12.
Power transmission, Self-adjusting. E. E. Smith. 2,183,434; Dec. 12.
Power transmission system. H. Sinclair. 2,181,711; Nov. 28.
Power transmission system embodying hydraulic couplings. H. Sinclair. 2,149,369; Mar. 7.
Power transmission unit. W. Thomas. 2,164,670; July 4.
Power transmission with unidirectional clutch, Variable-speed. H. J. Murray. 2,170,460; Aug. 22.
Power transmitter. F. Koch. 2,172,390; Sept. 12.
Power transmitter. N. F. Townsend. 2,175,415; Oct. 10.
Power transmitter mechanism. R. A. Kaltwasser. 2,158,873; May 16.
Power transmitting and converting device, Variable speed dynamo-electric. B. E. Smith. 2,170,836; Aug. 29.
Power-transmitting apparatus. J. L. Reilly. 2,168,806; Aug. 8.
Power transmitting apparatus and control therefor. E. A. Rockwell. 2,153,509; Apr. 4.
Power transmitting apparatus, Hydraulic. A. H. Carson and R. O. Anderson. 2,150,539; Mar. 14.
Power transmitting device. H. W. Alden. 2,143,968; Jan. 17.
Power transmitting device. F. N. Cooley and R. J. Harter. 2,182,395; Dec. 5.
Power transmitting device. D. K. Pilkington. 2,144,028; Jan. 17.
Power transmitting device and clutch therefor. O. E. Fishburn. 2,179,927; Nov. 14.
Power-transmitting device, Hydraulic. D. Sensaud de Lavaud. 2,168,863; Aug. 8.
Power transmitting means. O. Gruenberger. 2,179,149; Nov. 7.
Power transmitting means. C. H. Schurr. 2,181,307; Nov. 28.
Power transmitting means, Making. C. H. Schurr. 2,154,055; Apr. 11.
Power transmitting mechanism, Automatic. R. P. Lewis. 2,171,834; Sept. 5.
Power transmitting mechanism, Automatic. J. E. Padgett. 2,144,298; Jan. 17.
Power transmitting system. G. Kraemer and L. Bergeron. 2,160,385; May 30.
Power transmitting unit. L. J. Bishop. 2,145,643; Jan. 31.
Power transmitting unit. M. I. Ginsburg. 2,167,450; July 25.
Power transmitting unit, Motor vehicle. C. H. Oshei. 2,147,777; Feb. 21.
Power unit. J. C. Aydelott. 2,156,957; May 2.
Power unit. A. Brunner. 2,180,138; Nov. 14.
Power unit and base frame for washing machines. W. Bones. 2,179,876; Nov. 14.
Power unit, Geared. T. G. Myers. 2,173,339; Sept. 19.
Power unit, Geared. W. P. Schmitter. 2,156,739; May 2.
Power unit, Hydraulic. V. W. Kliesrath. 2,143,918; Jan. 17.
Power unit, Internal combustion engine-electric. A. Brunner. 2,178,355; Oct. 31.
Power unit, Variable speed. D. Heyer and G. T. Pfleger. 2,164,818; July 4.
Power units, Starting portable. J. W. Fitz Gerald. 2,151,196; Mar. 21.
Power vehicle. H. Ledwinka. 2,143,889; Jan. 17.
Power wheel. J. E. Carlin. 2,159,653; May 23.
Practice board. F. W. Tetzman. 2,167,696; Aug. 1.
Practice means for shooting of moving objects. J. L. Younghusband. 2,174,813; Oct. 3.
Precious metal alloy. J. A. Kilgallon. 2,172,512; Sept. 12.
Precipitates, Manufacture of finely divided. E. J. Roberts and R. W. Shafor. 2,161,651; June 6.
Precision apparatus for machine tools. J. B. Armitage. 2,158,649; May 16.
Predetermining mechanism for coin counting machines. B. E. Seemel. 2,153,160; Apr. 4.
Pregnanolones and producing the same. F. Hildebrandt. 2,151,661; Mar. 21.
Pregnanolones and producing the same from pregnandiols. A. Butenandt. 2,160,719; May 30.
Pregnanolones and producing the same from 3-hydroxy bisnorcholanic acids. A. Butenandt and F. Hildebrandt. 2,156,275; May 2.
Pregnanone compounds and producing the same. A. Serini, L. Strassberger, and A. Butenandt. 2,153,700; Apr. 11.
Preheater for liquid fuel burners for heating or lighting apparatus. A. Andersen. 2,156,578; May 2.
Preheating apparatus and method. W. Ahlert. 2,173,618; Sept. 19.
Preparation for medicinal use. B. L. Wyatt and H. E. Thompson. 2,156,891; May 2.
Preparation for the treatment of diseases in fowl and animals. G. C. Miller. 2,146,083; Feb. 7.
Preparation having enhanced sexual hormone action and making same. K. Miescher and A. Wettstein. 2,173,337; Sept. 19.
Preparation of acetoacetyl aromatic acid amides. A. B. Boese. Jr. 2,152,786; Apr. 4.
Preparation of alpha-alkylaminoacylophenones. J. Kamlet. 2,155,194; Apr. 18.
Preparation of compounds of fluorine. C. F. Swinehart. 2,148,514; Feb. 28.
Preparation of derivatives of estradiol. R. Weisz. 2,167,132; July 25.
Preselector. E. J. Mastney. 2,161,183; June 6.
Preselector, Mechanical. E. J. Mastney. 2,179,748; Nov. 14.
Preselector system for radio receivers. P. A. Le Marchant. 2,151,780; Mar. 28.
Preservative and contact coating for light sensitive devices. E. D. Wilson. 2,172,232; Sept. 5.
Preserve base. J. H. Stanton. 2,161,238; June 6.

Press: *See*—
Automatic diaphragm press.
Baling press.
Belt-hook press.
Bending press.
Block press.
Box press.
Cam-action punch press.
Casting press.
Continuous press.
Die spotting press.
Double-acting press.
Drawing press.
Explosively actuated press.
Extruding press.
Extrusion press.
Filter press.
Fruit peel press.
Fruit press.
Glass press.
Gravure printing press.
Hamburger press.
Hand press.
Heel-cap press.
Horizontal redraw press.
Hydraulic press.
Impact press.
Intaglio printing press.
Ironing press.
Lithographer's press.
Metal-drawing press.
Molding press.
Paper padding or tableting press.
Platen press.
Plywood press.
Power press.
Printing press.
Proof press.
Punch press.
Racket press.
Racquet press.
Rotary block press.
Rotary printing press.
Ruffle press.
Shaping, stamping, and the like press.
Shoe press.
Sole press.
Spindle press.
Stop cylinder vertical reciprocating flat bed press.
Tablet and suppository press.
Tilting-head press.
Tire recapping press.
Tube sealing press.
Upright printing press.
Vegetable and fruit press.
Veneer press.
Veneering press.
Vulcanizing and stretching press.
Vulcanizing press.

Press. R. T. Anderson. 2,178,714; Nov. 7.
Press. F. C. Aukerman. 2,150,812; Mar. 14.
Press. H. C. Bostwick. 2,183,983; Dec. 19.
Press. F. B. Keall. 2,161,257; June 6.
Press. W. Klocke. 2,161,869; June 13.
Press. L. E. Peck. 2,169,614; Aug. 15.
Press. S. M. Phelps. 2,173,593; Sept. 19.
Press. R. B. Treer. 2,185,096; Dec. 26.
Press. E. M. Winegar. 2,142,581; Jan. 3.
Press. E. M. Winegar. 2,160,805; June 6.
Press. E. M. Winegar and F. L. Dawes. 2,171,511; Aug. 29.

Press and control therefor. H. A. Ritter. 2,146,270; Feb. 7.
Press and control therefor, Hydraulic. C. F. Sibbe. 2,156,641; May 2.
Press and method of pressing heels, Heel. W. Hubbard. 2,152,646; Apr. 4.
Press and pressing. G. S. Forichon. 2,173,583; Sept. 19.
Press and the like. V. W. Peterson and O. J. Maha. 2,163,627; June 27.
Press attachment, paling. J. A. Streun. 216,667; Aug. 15.
Press clutch. J. D. Le Frank. 2,148,481; Feb. 28.
Press combination having means for avoiding jamming. E. Cannon. 2,164,640; July 4.
Press construction. W. L. Clouse. 2,175,742; Oct. 10.
Press control. W. G. Mau. 2,171,586; Sept. 5.
Press control mechanism. F. R. Higley. 2,171,557–8; Sept. 5.
Press control mechanism. G. W. Johnson. 2,171,569; Sept. 5.
Press control, Punch. G. O. Johnson. 2,178,205; Oct. 31.
Press for cable connectors, Hydraulic. E. D. Eby and T. C. Aitchison. 2,158,855; May 16.
Press for cutting cardboard. H. Bobst. 2,151,890; Mar. 28.
Press for cutting cardboard and scrap ejector therefor. H. Bobst. 2,158,053; May 16.
Press for cutting sheet metal. C. J. Rhodes. 2,165,676; July 11.
Press for cutting sheet metal. C. J. Rhodes. 2,171,891; Sept. 5.
Press for electric cables and utilizing the same, Hydraulic. E. D. Eby and T. C. Aitchison. 2,182,663; Dec. 5.
Press for producing pyrometric cones. H. E. Co Van and G. A. Bole. 2,181,619; Nov. 28.
Press for the extrusion of lead and other metals. G. T. W. Grieve. 2,171,062; Aug. 29.
Press for the flawless deforming of flat blanks. L. Oeckl and E. Müller. 2,163,517; June 20.
Press former, Printing. H. A. Wood. 2,146,459; Feb. 7.
Press inking mechanism, Printing. F. A. Foster. 2,166,631; July 18.
Press powder, Making a. A. R. Frank, H. H. Franck, K. Zieke, and E. Hey. 2,149,672; Mar. 7.
Press with compound ram. H. F. MacMillin. 2,143,112; Jan. 10.
Press with roller feed, Die. W. C. Eickman. 2,164,806; July 4.
Press with variable retraction for platens, Hydraulic. P. C. Pocock and V. S. Shaw. 2,166,319; July 18.
Press with work ejector. W. Ernst. 2,173,358; Sept. 19.
Presser, Electric hand roller. A. J. Hebert. 2,146,471; Feb. 7.
Presser foot. W. W. Ray. 2,184,604; Dec. 26.
Presser foot device. J. P. Weis. 2,157,372; May 9.
Presser member for clicking machines. M. Maeser. 2,181,903; Dec. 5.
Presser, Trouser. L. E. Fidler. 2,173,274; Sept. 19.
Presses, Control mechanism for hydraulic. K. C. Monroe. 2,161,375; June 6.
Pressing and ironing machine. G. C. Engbrecht and A. J. and A. M. Olsen. 2,180,103; Nov. 14.
Pressing apparatus for articles such as valve stems. O. F. Homeier. 2,159,852; May 23.
Pressing iron. M. M. Newman. 2,162,354; June 13.
Pressing machine. A. F. Hanney. 2,153,690; Apr. 11.
Pressing machine. H. E. Page. 2,148,085; Feb. 21.
Pressing machine clamp. H. E. Cohen. 2,182,199; Dec. 5.
Pressing machine control. E. L. Hyde. 2,171,566; Sept. 5.
Pressing machine, Garment. A. O. Long. 2,147,596; Feb. 14.
Pressing machine light. F. S. Latham. 2,174,827; Oct. 3.
Pressing machine steam valve. A. D. Albero. 2,181,529; Nov. 28.
Pressure-actuated pump, Alternating or varying. L. Nika, Jr., and L. Nika, Sr. 2,142,329; Jan. 3.
Pressure actuated valve. R. C. Hughes. 2,165,267; July 11.
Pressure and temperature equalizer, Combined. H. J. Young. 2,172,489; Sept. 12.
Pressure and temperature responsive device. J. R. Harrington. 2,176,338; Oct. 17.
Pressure bomb mounting. M. O. Johnston. 2,176,766; Oct. 17.
Pressure combustion boiler. B. Hoffmann. 2,152,479; Mar. 28.
Pressure control mechanism. G. H. Riches. 2,150,460; Mar. 14.
Pressure control valve. L. M. Button. 2,145,246; Jan. 31.
Pressure detector, Electrical. J. J. Broeze and H. van Driel. 2,164,638; July 4.
Pressure fluid motor. E. G. Gartin. 2,151,694; Mar. 28.
Pressure fluid motor. E. H. Shaff. 2,159,232; May 23.
Pressure fluid motor. W. H. Wineman. 2,159,467; May 23.
Pressure gauge. F. A. Barnes. 2,184,163; Dec. 19.
Pressure gauge. O. W. Heise. 2,181,730; Nov. 28.
Pressure gauge, Bottom hole. E. O. Bennett. 2,155,635; Apr. 25.
Pressure gauge for automobile tires. E. J. Willis. 2,168,145; Aug. 1.
Pressure grease dispenser. A. A. Abbott. 2,163,366; June 20.
Pressure in automobile tires, Apparatus for indicating the amount of. F. G. Leavenworth. 2,155,903; Apr. 25.
Pressure in pneumatic tires for automobiles, Apparatus for indicating the amount of. F. G. Leavenworth and M. J. Green. 2,155,865; Apr. 25.
Pressure indicating mechanism for motor vehicle tires. L. Miller. 2,145,363; Jan. 31.
Pressure indicator. A. Edmonston. 2,179,255; Nov. 7.
Pressure indicator. J. H. Woodberry. 2,150,956; Mar. 21.
Pressure mechanism for fastening-inserting machines. J. F. Standish. 2,151,054; Mar. 21.
Pressure, Obtaining and controlling fluid. E. G. Staude. 2,168,719; Aug. 8.
Pressure of high pressure systems, Method and apparatus for reducing the. C. Räth. 2,177,265; Oct. 24.
Pressure pad. A. W. Tondreau. 2,153,214; Apr. 4.
Pressure producing device for hydraulic pressure systems. H. C. Bowen. 2,148,231; Feb. 21.
Pressure recorder. C. W. Savitz. 2,184,689; Dec. 26.
Pressure reducing device. G. E. Hulse and J. Rumpf. 2,154,901; Apr. 18.
Pressure regulating and reducing apparatus. G. H. Smith and W. J. Jacobsson. 2,146,273; Feb. 7.
Pressure regulating and reducing apparatus. G. H. Smith and W. J. Jacobsson. 2,178,974; Nov. 7.
Pressure regulating apparatus. R. A. Hetzer. 2,171,698–9; Sept. 5.
Pressure regulating device. R. R. Donaldson, Jr. 2,149,390; Mar. 7.
Pressure regulating device. C. H. McRaven. 2,182,731; Dec. 5.
Pressure regulating device for aircraft instruments. D. E. Olshevsky. 2,168,536; Aug. 8.
Pressure regulating valve. W. Czarnecki. 2,178,223; Oct. 31.
Pressure regulator. R. C. Hughes. 2,183,569; Dec. 19.
Pressure regulator. C. M. Laughlin. 2,155,558; Apr. 25.
Pressure regulator. R. W. Leutwiler and W. Eichholz. 2,162,779; June 20.
Pressure regulator. R. M. Magnuson. 2,174,797; Oct. 3.
Pressure regulator. R. M. Magnuson. 2,183,889; Dec. 19.
Pressure regulator, Multistage. A. J. and I. F. Fausek. 2,160,849; June 6.
Pressure relief device. A. von Wangenheim. 2,154,827; April 18.
Pressure relief means for oil circuit breaker tanks. H. J. Lingal. 2,158,293; May 16.
Pressure relief valve. A. L. Parker. 2,158,478; May 16.
Pressure relief valve, Remote controlled. R. M. Parsons. 2,159,979; May 30.
Pressure responsive device. Z. W. Kelley. 2,153,716; Apr. 11.
Pressure responsive device, Atmospheric. A. Schweizer. 2,177,674; Oct. 31.
Pressure signal. W. J. Hooper. 2,167,456; July 25.
Pressure stripper, Collar passing. F. J. Schweitzer. 2,170,915; Aug. 29.
Pressure-sustaining valve. K. C. Monroe. 2,167,281; July 25.
Pressure system. J. L. Drake, Le R. L. Handy, and I. G. Fowler. 2,160,062; May 30.
Priming system for centrifugal pumps. F. S. Broadhurst. 2,144,613; Jan. 24.
Pressure testing device. M. L. Ganser. 2,167,449; July 25.
Pressure transmission device, Fluid operated. B. A. Linderman. 2,166,165; July 18.
Pressure treatment of parts of the human body, Method of and apparatus for the. W. R. Thompson. 2,168,611; Aug. 8.
Pressures, Applying and regulating. G. A. Moore. 2,152,813; Apr. 4.
Pressurestat. J. E. Browning. 2,184,773; Dec. 26.
Pretzel machine. H. A. Orr. 2,178,431; Oct. 31.
Pretzel machine. W. M. Young and L. B. Paules. 2,161,267; June 6.
Pretzel stick package. G. Gelfand. 2,180,465; Nov. 21.
Price marking appliance, Hand. F. Kohnle. 2,166,069; July 11.
Primaries in a system of color reproduction by printing, Determining the. F. L. Wurzburg, Jr. 2,165,169; July 4.
Prime mover. R. R. Mead. 2,173,385; Sept. 19.
Prime mover control system. A. Rosch. 2,181,741; Nov. 28.
Prime mover regulation. L. J. Adams and F. Bracken. 2,168,927; Aug. 8.
Primer valve. V. C. Boydston. 2,154,659; Apr. 18.
Primer valve. P. Goss. 2,154,811; Apr. 18.
Priming device. W. B. Smith. 2,169,541; Aug. 15.
Priming mixtures. W. A. Lazier. 2,157,669; May 9.
Priming system for internal combustion engines. R. A. Coffman. 2,175,743; Oct. 10.
Print box. R. Travnitschek. 2,171,675; Sept. 5.
Print drying apparatus. G. M. Dye. 2,184,663; Dec. 26.
Print drying machine, Photographic. H. K. Williams. 2,144,864; Jan. 24.
Print feeding mechanism for wrapping and packaging machines. E. F. Ness. 2,152,970; Apr. 4.
Print forming and wrapping mechanism. E. F. Ness. 2,162,106; June 13.

Print reproducing table. H. F. Riesenkönig. 2,163,062; June 20.
Print washing and fixing device, Combined. R. H. Takase. 2,157,804; May 9.
Printed article and making the same. D. J. Seaman and H. H. Metcalf. 2,143,247; Jan. 10.
Printed surfaces and articles formed thereby, Coating. R. E. Coleman. 2,185,125; Dec. 26.
Printer adaptation to synchronous multiplex telegraphy, Start-stop. R. E. Mathes. 2,167,247; July 25.
Printer, Address plate. E. J. Von Pein. 2,161,602; June 6.
Printer, black. J. A. C. Yule. 2,183,525; Dec. 19.
Printer, Telegraph. K. Gundlfinger. 2,144,758; Jan. 24.
Printers blanket. R. E. Thomas. 2,165,317; July 11.
Printer's roller. J. Streckfus, L. Schmidt, and H. Godwin. 2,157,440; May 9.
Printer's type cabinet. A. B. Bell. 2,184,111; Dec. 19.
Printing. A. E. Gessler, A. F. Guiteras, and C. F. Clarkson. 2,157,385; May 9.
Printing. A. R. Johnson. 2,149,846; Mar. 7.
Printing. O. R. Schultz. 2,153,597; Apr. 11.
Printing and bundling machine. A. J. Horton and S. C. Freeman. 2,181,088; Nov. 21.
Printing and duplicating machine. F. Glunz. 2,167,477; July 25.
Printing and embossing machine. E. Roberts, Jr. 2,179,233; Nov. 7.
Printing and means employed therefor. E. A. Weaver and R. Imlay. 2,147,683; Feb. 21.
Printing and perforating apparatus. A. G. Beal and B. Holmberg. 2,169,891; Aug. 15.
Printing and photographing and material therefor. A. F. Greiner. 2,174,629; Oct. 3.
Printing and punching registering apparatus. R. A. Hayward. 2,151,028; Mar. 21.
Printing and recording mechanism for weighing apparatus. C. M. Sykes and A. Binns. 2,149,475; Mar. 7.
Printing apparatus. H. V. Scheel. 2,150,401; Mar. 14.
Printing apparatus. J. Q. Sherman. 2,177,675; Oct. 31.
Printing apparatus for motion picture film, Composite. J. H. Spray. 2,153,212; Apr. 4.
Printing assistant. C. Graenacher and M. Matter. 2,184,495; Dec. 26.
Printing attachment for envelope machines. J. L. Oberender. 2,147,541; Feb. 14.
Printing black, Vat. M. L. Crossley and L. D. Lytle. 2,185,143; Dec. 26.
Printing device. W. T. Gollwitzer. 2,175,260; Oct. 10.
Printing device. I. Gurwick. 2,169,641; Aug. 15.
Printing device. H. E. Haase. 2,148,550; Feb. 28.
Printing device. C. F. Schlecht. 2,181,382; Nov. 28.
Printing device, Automatic show card. L. A. Stinson. 2,149,984; Mar. 7.
Printing device for addressing machines, Thin. H. P. Elliott. 2,158,749; May 16.
Printing device, particularly for tabulating machines controlled by record cards or bands. K. A. Knutsen. 2,175,530; Oct. 10.
Printing element, Forming a. W. C. Huebner. 2,163,948; June 27.
Printing fixture for glass dials and the like. S. A. Moore. 2,144,849; Jan. 24.
Printing, Gravure. F. George. 2,164,270; June 27.
Printing machine. F. R. Bartholomew. 2,180,135; Nov. 14.
Printing machine. H. P. Brownsey. 2,165,535; July 11.
Printing machine. H. Cole. 2,153,325; Apr. 4.
Printing machine. F. E. Curtis. 2,165,231; July 11.
Printing machine. D. C. Daubmeyer. 2,157,980; May 9.
Printing machine. W. T. Gollwitzer. Re. 21,208; Sept. 19.
Printing machine. J. E. Hagstrom. 2,158,284; May 16.
Printing machine. A. J. Horton. 2,153,959; Apr. 11.
Printing machine. B. K. Murchison. 2,145,271; Jan. 31.
Printing machine. R. E. Paris. 2,168,446; Aug. 8.
Printing machine. A. Potdevin. 2,174,728; Oct. 3.
Printing machine. L. N. Stone. 2,180,440; Nov. 21.
Printing machine for cylindrical objects. J. P. P. Dombre. 2,171,742; Sept. 5.
Printing machine, Intaglio web. C. F. Peterson. 2,151,390; Mar. 21.
Printing machine, Rotary. K. T. Lang. 2,146,963; Feb. 14.
Printing machine, Rotary. F. C. Marquardt. 2,178,639; Nov. 7.
Printing machine, Selective. W. T. Gollwitzer. Re. 21,207; Sept. 19.
Printing machinery. W. E. Hamlin. 2,152,736; Apr. 4.
Printing machines, Cutting and folding mechanism for. A. M. Zuckerman. 2,171,619; Sept. 5.
Printing machines, Folding mechanism for. H. P. Clauberg. 2,172,361; Sept. 12.
Printing mechanism. L. W. Froyd. 2,162,427; June 13.
Printing mechanism. F. L. Fuller. 2,178,749; Nov. 7.
Printing mechanism. M. Garbell. 2,165,922; July 11.
Printing mechanism. A. E. Gray. 2,150,218; Mar. 14.
Printing mechanism. L. J. Herman. 2,165,260; July 11.
Printing mechanism. H. S. Labombarde. 2,154,757; Apr. 18.
Printing mechanism. A. W. Mills. 2,181,999; Dec. 5.
Printing mechanism. T. E. Torkelson. 2,157,035; May 2.
Printing mechanism. J. M. Triner. 2,149,478; Mar. 7.
Printing medium. E. Alexander. 2,179,168; Nov. 7.
Printing member. L. V. Casto, G. von Webern, and E. W. Hamant. 2,169,221; Aug. 15.
Printing method. H. Libberton. 2,172,563; Sept. 12.
Printing method and apparatus. E. Ericksson. 2,151,960; Mar. 28.
Printing method and apparatus. I. F. Niles. 2,159,447; May 23.
Printing method and apparatus therefor. A. Solodar. 2,170,668; Aug. 22.
Printing, Method of and apparatus for. W. J. Wilkinson. 2,155,458; Apr. 25.
Printing, Multicolor intaglio. W. L. Jones and E. H. McLeod. 2,147,651; Feb. 21.
Printing of motion picture film, Composite. J. H. Spray. 2,153,211; Apr. 4.
Printing or marking mechanism, particularly for use in connection with packaging machines. D. R. Anstee. 2,154,884; Apr. 18.
Printing plate for rotary rib equipped printing cylinders. G. Oakes. 2,172,144; Sept. 5.
Printing plates and method of and apparatus for producing the same, Photogravure. C. L. Henderson. 2,182,559; Dec. 5.
Printing plates and the product thereof, Making. P. A. Frazier. 2,182,802; Dec. 12.
Printing plates, Apparatus for the manufacture of. J. H. Shea. 2,158,158; May 16.
Printing plates, Fabricating. A. H. Maroot. 2,175,439; Oct. 10.
Printing plates for multicolor printing, Making. E. R. Eaton. 2,142,437; Jan. 3.
Printing plates, Making. W. J. Wilkinson. 2,148,519; Feb. 28.
Printing plates on drums, Attaching. F. E. Curtis. 2,165,233; July 11.
Printing plates or cylinders, Production of metallic. J. Horn. 2,181,111; Nov. 21.
Printing plates, Preparing. G. Adams. 2,145,036; Jan. 24.
Printing plates, Producing. E. D. Lake. 2,168,444; Aug. 8.
Printing plates, Registering. W. F. Huck. 2,177,653; Oct. 31.
Printing press. H. C. Behrens. 2,178,465; Oct. 31.
Printing press. C. W. Brenn and C. A. Meisel. 2,167,022; July 25.
Printing press. C. S. Crafts. 2,163,374; June 20.
Printing press. C. S. Crafts. 2,183,739; Dec. 19.
Printing press. A. S. Huckins. 2,161,866; June 13.
Printing press. L. P. Hughes. 2,143,377; Jan. 10.
Printing press. J. F. Jirousek. 2,158,701; May 16.
Printing press. A. and E. Kluge. 2,152,698; Apr. 4.
Printing press. C. A. Meisel. 2,146,586; Feb. 7.
Printing press. L. Q. Presby. 2,183,045; Dec. 12.
Printing press. H. G. Rogers. 2,157,803; May 9.
Printing press. A. Stobb. 2,184,725; Dec. 26.
Printing press. I. Tornberg. 2,148,089; Feb. 21.
Printing press. I. Tornberg. 2,160,527; May 30.
Printing press. D. D. Vandercook and O. C. Geffken. 2,181,714; Nov. 28.
Printing press. G. C. Waters. 2,164,363; July 4.
Printing press, Convertible. C. A. Meisel. 2,149,028; Feb. 28.
Printing press, High speed cylinder. W. Rössger. 2,145,056; Jan. 24.
Printing press, Multicolor. T. M. Avery. 2,155,353; Apr. 18.
Printing press, Rotary. C. S. Crafts. 2,160,613; May 30.
Printing press, Rotary. I. Tornberg. 2,180,782; Nov. 21.
Printing press, Rotary intaglio. C. S. Crafts. 2,178,069; Oct. 31.
Printing press, Sheet-fed rotary perfecting. H. M. Barber. 2,174,864–5; Oct. 3.
Printing press, Sheet feed rotary. W. K. Eckhard. 2,153,979; Apr. 11.
Printing press, Sheet perfecting. P. F. Cox. 2,142,885; Jan. 3.
Printing press, Single-revolution cylinder. A. Büttner. 2,151,838; Mar. 28.
Printing press, Two-revolution cylinder. A. E. Pearsall. Re. 21,300; Dec. 12.
Printing press, Universal graphic. G. Lászlő. 2,179,746; Nov. 14.
Printing press, Web-fed. C. J. MacArthur. 2,168,229; Aug. 1.
Printing press, Web-perfecting rotary. H. M. Barber. 2,170,526; Aug. 22.
Printing recorder for electric impulse signal systems. C. C. Johnson, R. M. Hopkins, and R. F. Spamer. 2,172,511; Sept. 12.
Printing reliefs, Production of gelatin. W. Frankenburger and G. Rössler. 2,178,338; Oct. 31.
Printing, Rotary intaglio. A. Weiss. Re. 21,212; Sept. 19.
Printing surface, Engraving a. O. R. Huggins. 2,143,984; Jan. 17.
Printing surface, Photomechanical. K. W. C. Webb. 2,160,242; May 30.
Printing surfaces for intaglio printing, Producing. J. Koch. 2,150,281; Mar. 14.
Printing telegraph apparatus. H. Rassow and W. Skawran. 2,154,528; Apr. 18.
Printing telegraph apparatus. A. H. Reiber. 2,152,773; Apr. 4.

Printing telegraph apparatus. A. H. Reiber. 2,162,790; June 20.
Printing telegraph apparatus. R. E. Zenner. 2,157,517; May 9.
Printing telegraph exchange system. F. S. Kinkead. 2,163,431; June 20.
Printing telegraph exchange system, Automatic. G. S. Vernam. 2,170,669; Aug. 22.
Printing telegraph system. C. J. Fitch. 2,172,060; Sept. 5.
Printing telegraph system. H. W. Kloid and O. F. Schulz. 2,165,971; July 11.
Printing telegraph system, Start-stop. L. W. Howle. 2,184,916; Dec. 26.
Printing, Vat dyestuff. J. Nüsslein, O. Nicodemus, W. Schmidt, and B. Schacke. 2,146,646; Feb. 7.
Prints, Apparatus for developing photographic. L. G. Simjian. 2,155,511; Apr. 25.
Prints, Making. E. Jollasse. 2,168,481; Aug. 8.
Prints, Method and apparatus for making photographic. H. J. Brunk. 2,145,752; Jan. 31.
Prints, Production of diazo. M. P. Schmidt and O. Süs. 2,150,565; Mar. 14.
Prints, Toning photographic. F. H. Snyder and H. W. Rimbach. 2,171,609; Sept. 5.
Prism sheet, Total reflecting. W. F. Grote. 2,167,149; July 25.
Prism system. H. Hensoldt. 2,161,623; June 6.
Prismatic screen. G. G. Moreno. 2,182,993; Dec. 12.
Privacy testing system. E. C. Bascom. 2,153,706; Apr. 11.
Processing apparatus. A. R. Thompson. 2,149,561; Mar. 7.
Processing machine. L. R. Thomas. 2,163,504; June 20.
Processing reel. C. C. Walters. 2,145,281; Jan. 31.
Produce stand, Air conditioned. J. V. C. T. Christensen, Jr. 2,172,331; Sept. 5.
Product for packing and similar purposes. H. W. Romanoff. 2,154,640; Apr. 18.
Product for the treatment of the alimentary canal. M. Bye. 2,170,921; Aug. 29.
Product for use as nonrusting and noncorroding antifreezing mixtures. C. D. Eaton. 2,182,612; Dec. 5.
Product having cation-exchanging properties from lignite or peat, Producing a. W. Sütterlin and H. Wassenegger. 2,172,301; Sept. 5.
Product meter. H. A. Thompson. 2,169,116; Aug. 8.
Products from spent soda used in petroleum refining, Recovery of valuable. H. G. Vesterdal. 2,174,023; Sept. 26.
Products impermeable to moisture, Manufacture of shaped. W. König. 2,144,703; Jan. 24.
Products of acid-resistant composition, Molding. R. H. Rector. 2,162,747; June 20.
Products of polymerization of acetylene, Obtaining. M. Zavka. 2,163,223; June 20.
Program device. D. R. De Tar. 2,177,479; Oct. 24.
Program indicator. L. McGihon. 2,163,616; June 27.
Program phase reverser. J. L. Hathaway. 2,158,820–1; May 16.
Projectile. L. G. Sabathé. 2,147,550; Feb. 14.
Projectile. E. S. Savage. 2,149,749; Mar. 7.
Projectile, Bladed. P. E. J. Denoix. 2,145,508; Jan. 31.
Projectile, Explosive. F. Milavec. 2,184,802; Dec. 26.
Projectile having its center of gravity in front of the center of resistance. A. Di Brazza-Savorgnan. 2,172,054; Sept. 5.
Projectile, Rocket. P. V. Fabionar. 2,179,404; Nov. 7.
Projectiles past a given point, Detecting the flight of. J. V. Dunham and E. R. Rechel. 2,146,723; Feb. 14.
Projecting apparatus. O. Eppenstein and W. Dietzel. 2,170,967; Aug. 29.
Projecting apparatus with optical compensation, Cinematographical. P. Parvopassu. 2,168,433; Aug. 8.
Projecting machine. A. D. Eitzen. 2,149,283; Mar. 7.
Projection apparatus. F. D. and J. J. Korkosz. 2,168,799; Aug. 8.
Projection apparatus. A. Nagel. 2,172,256; Sept. 5.
Projection apparatus. L. Rosenbloom. 2,147,612; Feb. 14.
Projection apparatus for a small planetarium. E. Unglaube and G. Kiehlmann. 2,178,352; Oct. 31.
Projection apparatus for color photography. J. E. Leonard. 2,146,635; Feb. 7.
Projection apparatus, Optical. F. E. Carlson. 2,180,031; Nov. 14.
Projection apparatus, Optical. A. C. Phillips. 2,179,799; Nov. 14.
Projection device. W. Herrschaft. 2,181,696; Nov. 28.
Projection device. O. C. Gilmore. 2,152,959; Apr. 4.
Projection means. P. T. Farnsworth. 2,143,145; Jan. 10.
Projection slide mounting. C. L. Whiteford. 2,176,283; Oct. 17.
Projection system. A. H. Blohm. Re. 21,218; Sept. 26.
Projection system, Three-dimensional. S. Comparato. 2,148,260; Feb. 21.
Projector. A. F. Dittmer. 2,184,415; Dec. 26.
Projector. C. A. Stokes. 2,171,716; Sept. 5.
Projector. O. E. Trautmann. 2,164,847; July 4.
Projector and sound reproducer, Combined motion picture. L. J. Simons. 2,163,263; June 20.
Projector, Colored picture. H. Bresser. 2,151,735; Mar. 28.
Projector device for spout vessels. A. C. Osterheld. 2,173,485; Sept. 19.
Projector, Floodlight. J. P. Foulds. 2,180,982; Nov. 21.
Projector for stroboscopic and other purposes, Light. A. J. Ashdown. 2,148,794; Feb. 28.
Projector, Motion picture. A. R. de Tartas. 2,143,867; Jan. 17.
Projector, Motion picture. K. Hoffmann. 2,153,328; Apr. 4.
Projector, Motion picture. E. Vollenweider. 2,144,209; Jan. 17.
Projector, Page. A. D. Eitzen. 2,160,847–8; June 6.
Projector stand. E. J. Wienke. 2,170,466; Aug. 22.
Projector, Still. W. D. Teague and D. A. Young, Jr. 2,169,010; Aug. 8.
Prolamine base composition. D. W. Hansen and P. R. Shildneck. 2,158,481; May 16.
Prong. P. Zalkind. 2,142,167; Jan. 3.
Pronged-device connector. W. W. Robinson. 2,157,188; May 9.
Proof press. J. E. Lee and F. Barney. 2,162,816; June 20.
Prop, Collapsible mine. J. L. Knight. 2,175,777; Oct. 10.
Prop, Deck lid. C. A. Schallis. 2,144,126; Jan. 17.
Prop, Mine. F. M. Wittman and H. H. Parrack. 2,158,018; May 9.
Propane and isobutane and their partially chlorinated derivatives, Chlorinating. H. B. Hass and E. T. McBee. 2,147,577; Feb. 14.
Propane deresinating. P. C. Keith, R. E. Wilson, and M. J. Livingston. 2,143,882; Jan. 17.
Propane dewaxing, Continuous. E. W. Thiele. 2,167,340; July 25.
Propane-solvent treating process. P. C. Keith, Jr., and H. O. Forrest. 2,146,147; Feb. 7.
Propeller. E. W. Austin. 2,156,102; Apr. 25.
Propeller. E. W. Austin. 2,166,653; July 18.
Propeller. E. C. Baker. 2,149,951; Mar. 7.
Propeller. T. B. Barnett. 2,160,323; May 30.
Propeller. W. A. Belfield. 2,145,413; Jan. 31.
Propeller. H. A. Berliner. 2,146,367; Feb. 7.
Propeller. E. S. Hicks. 2,148,555; Feb. 28.
Propeller. O. D. Littlejohn. 2,173,397; Sept. 19.
Propeller. R. B. Manning. 2,146,481; Feb. 7.
Propeller. G. R. Mertens. 2,161,074; June 6.
Propeller. P. A. Peterson. 2,161,932; June 13.
Propeller. C. S. Richardson. 2,151,939; Mar. 28.
Propeller. E. V. Telfer. 2,150,299; Mar. 14.
Propeller. T. H. Troller. 2,156,133; Apr. 25.
Propeller. E. T. Ward. 2,160,467; May 30.
Propeller. H. Weissmann. 2,153,055; Apr. 4.
Propeller, Aircraft. J. V. Mohler. 2,167,050; July 25.
Propeller, Automatic variable pitch. R. M. Stephens. 2,148,843; Feb. 28.
Propeller blade. G. T. Lampton. 2,170,865; Aug. 29.
Propeller blade. J. Squires. 2,151,243; Mar. 21.
Propeller blade, Air. V. Lougheed. 2,182,812; Dec. 12.
Propeller blades, especially aircraft propeller blades, Varying the pitch of. A. G. Forsyth and G. J. Smith-Pert. 2,161,917; June 13.
Propeller blades, Manufacture of. E. F. Gehret. 2,181,269; Nov. 28.
Propeller control mechanism. E. W. Austin. 2,144,007; Jan. 17.
Propeller, Controllable pitch. F. W. Caldwell. 2,149,388; Mar. 7.
Propeller, Controllable pitch. G. T. Lampton and P. F. Hackethal. 2,176,556; Oct. 17.
Propeller, Controlled variable pitch. B. B. Gemeny. 2,152,587; Mar. 28.
Propeller drive. F. W. Caldwell. 2,144,423; Jan. 17.
Propeller for aircraft and the like. R. L. Levy. 2,160,745; May 30.
Propeller for airships, Retractable water. W. L. Barclay. 2,151,004; Mar. 21.
Propeller governor. M. W. Rosner. 2,157,349; May 9.
Propeller having vibration controlling features, Aeronautical. E. Martin. 2,144,428; Jan. 17.
Propeller mechanism, Variable pitch. J. R. Zipay. 21,108; Mayy 30.
Propeller protractor. J. Y. Lichtenwalner. 2,170,824; Aug. 29.
Propeller puller. R. A. Minderman. 2,179,898; Aug. 15.
Propeller shaft for automobiles. G. S. Clendenin. 2,142,497; Jan. 3.
Propeller shaft mounting. J. A. Nyland. 2,155,953; Apr. 25.
Propeller shaft protector. T. Harris. 2,143,693; Jan. 10.
Propeller shaft support bearing unit, Automotive. A. H. Schmal. 2,165,155; July 4.
Propeller, Variable pitch. H. A. Berliner. 2,164,489–90; July 4.
Propeller with automatically variable pitch, Air. U. de Caria. 2,146,334; Feb. 7.
Propeller with variable pitch, Aerial. C. R. Waseige. 2,181,985; Dec. 5.
Propellers, Arrangement for automatically regulating the pitch of variable pitch. H. Ebert. 2,155,586; Apr. 25.
Propellers, Control means for aeronautical. F. W. Caldwell and H. C. Nissen. 2,179,492; Nov. 2.
Propellers, Manufacture of. G. T. Lampton. 2,174,792; Oct. 3.
Propellers, Mounting marine. A. A. Hayfield. 2,176,796; Oct. 17.
Propellers, Protecting wooden. M. Scholz and A. Wagenitz. 2,161,533; June 6.

Propelling and finishing units. H. H. Barber. 2,168,507; Aug. 8.
Propelling and lifting mechanism. H. E. McLaughlin. 2,165,757; July 11.
Propelling device. H. Coanda. 2,157,281; May 9.
Propelling device for ships. A. F. Anderson. 2,149,155; Feb. 28.
Propelling device, Vibrating. E. Levay. 2,167,985; Aug. 1.
Propelling mechanism. C. W. Allen. 2,158,349; May 16.
Propelling mechanism. A. D. Hill, Jr. 2,173,415; Sept. 19.
Prophylactic and therapeutic composition. D. T. Prehn. 2,175,780; Oct. 10.
Proportioning device. E. J. Formhals. 2,174,784; Oct. 3.
Proprietary container. W. G. Pancoast. 2,150,244; Mar. 14.
Propulsion device, Reaction. M. B. Bleecker. 2,142,601; Jan. 3.
Propulsion means. D. C. Lo Giudice. 2,156,898; May 2.
Propulsion unit. J. A. McGrew. 2,181,244; Nov. 28.
Prospecting, Electrical. S. S. West. 2,162,147; June 13.
Prospecting method and apparatus, Electrical. C. B. Bazzoni and J. Razek. 2,167,630; Aug. 1.
Protected motor. V. Weber. 2,165,082; July 4.
Protection for electric distribution systems. T. M. Vogel 2,142,541; Jan. 3.
Protection system, Telephonic house. J. J. Brown. 2,168,320; Aug. 8.
Protective and maintenance equipment for electric circuit interrupting devices. G. F. Lincks. 2,169,104; Aug. 8.
Protective apparatus. E. A. Leach. 2,152,490; Mar. 28.
Protective apparatus. A. J. McConnell. 2,160,599; May 30.
Protective apparatus for electrical devices. C. F. Hill. 2,175,893; Oct. 10.
Protective apparatus for rotary machines. G. H. Woodard. 2,146,278; Feb. 7.
Protective arrangement, Electric. H. Leyburn. 2,147,101; Feb. 14.
Protective arrangement for electric valve converting systems. C. Fröhmer. 2,157,851; May 9.
Protective arrangement for electric valve converting systems. C. Frömhmer. 2,175,020; Oct. 3.
Protective container. M. Miller. 2,177,906; Oct. 31.
Protective cover. S. M. Griswold. 2,182,022; Dec. 5.
Protective cover. S. M. Griswold. 2,182,256; Dec. 5.
Protective device. F. J. Bremer. 2,171,263; Aug. 29.
Protective device. D. T. May. 2,179,826; Nov. 14.
Protective device. W. G. Sherman. 2,169,438; Aug. 15.
Protective device, Discharge gap. J. K. Hodnette and A. D. Forbes. 2,147,440; Feb. 14.
Protective device, Electric. K. A. Lohausen. 2,156,058; Apr. 25.
Protective device for baseball players or the like. S. Iglauer. 2,143,483; Jan. 10.
Protective device for clothes presses. J. N. Coulter and B. Williams. 2,181,176; Nov. 28.
Protective device for electric circuits. L. O. Grondahl. 2,162,949; June 20.
Protective device for electrical apparatus. F. H. McIntosh. 2,158,516; May 16.
Protective device for liquid immersed electrical apparatus. E. D. Treanor. 2,169,857; Aug. 15.
Protective device for poppet valves. E. Rector. 2,165,871; July 11.
Protective equipment. G. W. Fyler. 2,152,472; Mar. 28.
Protective gap. H. L. Rorden. 2,155,841; Apr. 25.
Protective gear. W. P. Biggs. 2,144,611; Jan. 24.
Protective means for deep well packers. R. C. Baker. 2,150,310; Mar. 14.
Protective means for hot-cathode rectifiers. R. C. Griffith. 2,158,934; May 16.
Protective means for electric circuits. G. W. Müller. 2,179,342; Nov. 7.
Protective means for motor speed regulators. R. Lee and W. E. Lueders. 2,143,920; Jan. 17.
Protective means, Overspeed. P. McShane. 2,162,513; June 13.
Protective pad. S. Ash. 2,166,837; July 18.
Protective pad. S. Ash. 2,167,195; July 25.
Protective system. D. C. Hoffmann. 2,155,229; Apr. 18.
Protective system. L. F. Hunt. 2,147,841; Feb. 21.
Protective system. H. R. Sills and D. V. Canning. 2,180,174; Nov. 14.
Protective system and apparatus for discharge tubes. R. A. Henderson and V. D. Hauch. 2,166,685; July 18.
Protective system, Discharge. L. A. Kilgore. 2,169,027; Aug. 8.
Protective system, Electrical. K. L. Maurer and L. K. Swart. 2,143,992; Jan. 17.
Protective system for electric power transmission lines. P. Sporn and C. A. Muller. 2,154,114; Apr. 11.
Protective system for electric power transmission lines. P. Sporn and C. A. Muller. 2,164,182; June 27.

Protector: *See*—
- Battery terminal protector.
- Book protector.
- Book page protector.
- Carcass tongue protector.
- Casing protector.
- Condenser tube protector.
- Conductor protector.
- Curtain protector.
- Dress and lip protector.
- Ear and forehead protector.
- Ear and neck protector.
- Ear protector.
- Eaves trough protector.
- Edge protector.
- Eye protector.
- Faucet protector.
- Fender protector.
- Fingernail polish protector.
- Fishing rod tip protector.
- Foot protector.
- Hair net protector.
- Hand protector.
- Heel protector.
- Hose protector.
- Knee joint protector.
- Knee protector.
- Leg protector.
- Lineman's protector.
- Milk protector.
- Motor protector.
- Network protector.
- Paper protector.
- Pipe thread protector.
- Plant protector.
- Propeller shaft protector.
- Ram protector.
- Scalp protector.
- Screen protector.
- Ski protector.
- Slat protector.
- Standard protector.
- Steering wheel protector.
- Stocking protector.
- Tabor like protector.
- Thread protector.
- Toe protector.
- Tongue protector.
- Tool protector.
- Tooth brush protector.
- Tree and plant protector.
- Vehicle occupant protector.
- Water-glass protector.
- Well casing protector.
- Window protector.
- Wrist watch protector.

Protector. E. L. Fisher. 2,168,769; Aug. 8.
Protector against overheating and lack of oil or oil pressure, Automatic. R. W. Jones. 2,162,174; June 13.
Protector and indicator, Apparel. I. I. Slomon. 2,156,880; May 2.
Protector clamp. H. B. Steinbach. 2,149,234; Feb. 28.
Protector for clotheslines. E. J. Holman. 2,158,659; May 16.
Protector for clotheslines, Clothes. G. Vafit. 2,151,489; Mar. 21.
Protector for electric circuits. H. T. Bussmann. 2,159,423; May 23.
Protector for knives, Hand. H. Antony. 2,184,902; Dec. 26.
Protector for men's collars, Antisoil. T. Cohen. 2,182,582; Dec. 5.
Protector for shoes and the like. R. and E. C. Hinchliff. 2,171,654; Sept. 5.
Protector mechanism for looms. E. R. Holmes. 2,173,965; Sept. 26.
Protector mechanism for looms. C. J. Lindegren. 2,179,338; Nov. 7.
Protector, Shoe. M. W. Stuart. 2,145,061; Jan. 24.
Protein and producing the same, Modified. R. D. Coghill. 2,165,837; July 11.
Protein composition, Manufacture of. C. L. Griffith. 2,155,417; Apr. 25.
Protein derivative. F. M. Meigs. 2,143,023; Jan. 10.
Protein substances, Hardening. H. Fricke and J. Brunken. 2,154,895; Apr. 18.
Protractor. W. J. Adams. 2,173,526; Sept. 19.
Protractor and trammel instrument, Combined. P. H. Berger. 2,144,604; Jan. 24.
Protractor device. R. Kormann. 2,178,796; Nov. 7.
Pruning implement. H. B. Bernay. 2,184,332; Dec. 26.
Pruning implement. W. R. Denton. 2,150,268; Mar. 14.
Pseudocumene and preparing same, Tertiary butyl derivative. M. S. Carpenter. 2,144,615; Jan. 24.
Psychrometer, Hand aspirating. R. R. Chappell and K. E. Whitney. 2,159,133; May 23.
Public address system. L. Kamenarović. 2,168,163; Aug. 1.
Publication, Printed. V. J. Sawdon and A. E. Brigham. 2,180,551; Nov. 21.
Publicity, Apparatus for. A. Robert. 2,149,551; Mar. 7.
Puff and making the same, Powder. G. Laitman. 2,169,258; Aug. 15.
Pull for separable fasteners, Initialed. L. H. Morin. 2,181,281; Nov. 28.
Pull rod coupling, Safety. L. J. McKinney and C. W. Jensen. 2,149,855; Mar. 7.
Pull switch. A. J. Shaback. 2,167,253; July 25.
Pull to electrical conductors, Apparatus for imparting. U. C. Dunaway and F. M. Cunningham. 2,162,069; June 13.

Puller: *See*—
- Coil assembly puller.
- Combination puller.
- Connecting and locking puller.
- Cylinder head puller.
- Liner puller.
- Needle butt puller.
- Snout puller.
- Stump puller.
- Wheel puller.

Puller. C. Schroeder. 2,165,984; July 11.
Puller and hoe, Two-in-one weed. B. A. Mikkelson. 2,166,015; July 11.
Pulley. W. H. Zimbalist. 2,147,183; Feb. 14.
Pulley and producing same, Pressed steel. O. Mitchell. 2,156,920; May 2.
Pulley, Belt. E. K. Anderson. 2,161,270; June 6.
Pulley, Belt. W. B. Collier. 2,184,545; Dec. 26.
Pulley, Clothesline. W. E. Veteran. 2,182,602; Dec. 5.
Pulley, Clutch. G. Beyerline. 2,182,956; Dec. 12.
Pulley for rope drives, Grooved. T. H. O'Brien. 2,180,065; Nov. 14.
Pulley for V-belt drives, Variable-speed. G. A. Wells. 2,168,835; Aug. 8.
Pulley, Friction clutch. D. B. Baker, W. O. Bechman, and G. A. Tomik. 2,146,880; Feb. 14.
Pulley, Sheet metal. H. W. Larson. 2,170,779; Aug. 22.
Pulley structure, Variable-speed. C. E. Johnson. 2,183,887; Dec. 19.

Pulley, Variable-pitch. D. M. Watson. 2,172,230; Sept. 5.
Pulley, Variable speed. I. E. McElroy and R. H. Shadrick. 2,180,687; Nov. 21.
Pulp, Apparatus for manufacture of. A. J. A. Asplund. 2,145,851; Feb. 7.
Pulp article and manufacture. M. P. Chaplin. 2,150,910; Mar. 21.
Pulp article, Apparatus for and method of reshaping a molded. M. P. Chaplin. 2,171,413; Aug. 29.
Pulp article, Molded. M. P. Chaplin. 2,178,832; Nov. 7.
Pulp, Bleaching. F. G. Rawling. 2,147,618; Feb. 14.
Pulp consistency regulator, Paper. E. L. Buchanan. 2,159,317; May 23.
Pulp from highly resinous woods, Production of. K. Schwabe. 2,182,520; Dec. 5.
Pulp molding. H. V. Mitchell. 2,149,878; Mar. 7.
Pulp molding. H. V. Mitchell. 2,149,879; Mar. 7.
Pulp molding machine. M. P. Chaplin. 2,163,585; June 27.
Pulp, Producing cellulose. F. Olsen. 2,169,473; Aug. 15.
Pulp refiner. M. Skolnik. 2,182,391; Dec. 5.
Pulp stock agitating apparatus. 2,164,944; July 4.
Pulp stone and grinding wheel, Reinforced. J. E. Hassler. 2,147,438; Feb. 14.
Pulping and finishing machine. S. B. Lindley. 2,142,649; Jan. 3.
Pulps, Apparatus for conditioning and agitating. A. C. Daman. 2,146,566; Feb. 7.
Pulps, Converting nonaqueous. E. C. De Stubner. 2,149,281; Mar. 7.
Pulsating circulation in apparatus containing gas evolving products, System for producing a. G. L. R. Ducellier and M. A. Isman. 2,174,203; Sept. 26.
Pulsator for milking machines. S. J. Erling. 2,160,651; May 30.
Pulsometer gas anchor and operating. C. J. Coberly. 2,179,482; Nov. 14.
Pulverized-fuel burner. R. J. C. Bouldrant. 2,154,320; Apr. 11.
Pulverizer. R. S. Butler. 2,168,090; Aug. 1.
Pulverizer, Ground. J. J. Tipcke. 2,167,595; July 25.
Pulverizer mill. H. R. Collins. 2,149,579–82; Mar. 7.
Pulverizer mill. H. R. Collins. 2,174,933–4; Oct. 3.
Pulverizer, Ore. C. R. Brown. 2,158,321; May 16.
Pulverizing, combustion, and heat transfer plant. W. G. Noack. 2,184,845; Dec. 26.
Pump; *See*—
Centrifugal pump.
Concrete pump.
Deep well motor pump.
Deep well pump.
Diaphragm pump.
Displacement dipper pump.
Double acting pump.
Electric fuel pump.
Electric pump.
Electronic pump.
Fluid lift pump.
Fluid operated pump.
Fluid pump.
Fountain pump.
Fuel feed pump.
Fuel injection pump.
Fuel injector pump.
Fuel pump.
Gas-lift pump.
Gasoline, water, or other fluid pump.
Gear pump.
High vacuum pump.
Hydraulic brake pump.
Hydraulic force pump.
Hydraulic pump.
Hydraulic water and oil pump.
Jet air pump.
Jet pump.
Kneading pump.
Liquid delivery pump.
Lubricant pump.
Mine pump.
Metering fuel pump.
Metering pump.
Motor pump.
Nonpulsating pump.
Oil flow pump.
Oil well pump.
Piston compressor pump.
Piston pump.
Pressure-actuated pump.
Rayon spinning pump.
Reciprocating liquid pump.
Reciprocating pump.
Reciprocating ram pump.
Rotary pump.
Rotary vacuum pump.
Sand pump.
Self-priming pump.
Sludge pump.
Speed governing pump.
Stomach pump.
Vacuum heating pump.
Vacuum pump.
Variable delivery pump.
Well pump.
Pump. I. H. Athey. 2,142,772–3; Jan. 3.
Pump. H. L. Bancroft. 2,166,111; July 18.
Pump. S. J. Baum. 2,164,103; June 27.
Pump. K. P. Brace. 2,145,644; Jan. 31.
Pump. F. E. Brady, Jr. 2,164,869; July 4.
Pump. E. W. Dilg. 2,179,925; Nov. 14.
Pump. O. Franck. 2,166,758; July 18.
Pump. E. B. Fuqua. 2,148,740; Feb. 28.
Pump. F. C. Goldsmith. 2,148,939; Feb. 28.
Pump. D. Gregg. 2,148,070; Feb. 21.
Pump. E. D. Hale. 2,184,496; Dec. 26.
Pump. A. G. Horvath. 2,149,602; Mar. 7.
Pump. G. A. Humason. 2,159,526; May 23.
Pump. T. Kotaki. 2,172,103; Sept. 5.
Pump. H. E. La Bour. 2,184,349; Dec. 26.
Pump. E. J. Lattner. 2,149,969; Mar. 7.
Pump. A. T. Mace. 2,144,411; Jan. 17.
Pump. R. P. Miller. 2,145,402; Jan. 31.
Pump. C. R. Neeson. 2,151,482; Mar. 21.
Pump. G. Nisula. 2,163,287; June 20.
Pump. A. N. Phillips, Jr. 2,184,897; Dec. 26.
Pump. E. J. Ruthman. 2,143,032; Jan. 10.
Pump. E. J. Ruthman. 2,179,730; Nov. 14.
Pump. A. B. Sabin. 2,172,110; Sept. 5.
Pump. B. H. Scott. 2,166,612; July 18.
Pump. P. L. Scott. 2,174,898; Oct. 3.
Pump. P. L. Scott. 2,179,354; Nov. 7.
Pump. C. W. Sproull. 2,182,062; Dec. 5.
Pump. F. E. Steele. 2,171,410; Aug. 29.
Pump. F. E. Stelzer. 2,155,452; Apr. 25.
Pump. H. A. Storch, R. V. Dillon, and S. H. Caldwell. 2,157,089; May 2.
Pump. H. T. Swortwood and H. G. Osburn. 2,176,231; Oct. 17.
Pump. C. F. Teeple. 2,175,947; Oct. 10.
Pump. C. G. Upton and P. B. Barnett. 2,178,822; Nov. 7.
Pump. G. A. Wahlmark. 2,159,720; May 23.
Pump. J. E. Whitfield. 2,180,378; Nov. 21.
Pump and attachment therefor, Sand. G. W. Miller. 2,170,568; Aug. 22.
Pump and control valve, Combined alternating. D. R. Hillis. 2,170,327; Aug. 22.
Pump and control valve, Unitary flow reversing. D. R. Hillis. 2,168,937; Aug. 8.
Pump and metering device. E. H. Waugh. 2,162,144; June 13.
Pump and operating the same, Boiler feeding. R. Hingst. 2,169,418; Aug. 15.
Pump and pumping system. H. S. Murray. 2,157,141; May 9.
Pump and seal therefor, Water. W. M. Baumheckel. 2,152,727; Apr. 4.
Pump assembly, Fuel. P. L. Scott. 2,180,883; Nov. 21.
Pump construction, Siphon. J. C. Schellin, E. J. Housekeeper, and H. M. Hunt. 2,178,898; Nov. 7.
Pump cooling system, Mercury vapor. H. A. Rose. 2,147,459; Feb. 14.
Pump device, Breast. P. A. Frimand. 2,162,076; June 13.
Pump device, Water. J. F. Sutcliffe. 2,167,493; July 25.
Pump for Diesel motors, Fuel injection. S. Jencick. 2,143,698; Jan. 10.
Pump for fuel line clearing and vapor lock removing device. F. C. Dalton. 2,148,929; Feb. 28.
Pump for internal combustion engines, Fuel injection. H. R. Ricardo. 2,159,177; May 23.
Pump for liquid fuel burning apparatus. M. A. Powers. 2,181,249; Nov. 28.
Pump for lubricating systems, Gear. A. J. Lippold. 2,173,653; Sept. 19.
Pump for rotary fluids, Rotary. G. E. Bigelow and A. R. Weis. 2,161,695; June 6.
Pump for supercharged engines, Fuel. L. T. Folsom. 2,171,209; Aug. 29.
Pump for viscolizer valves. J. C. Bird and K. D. Smith. 2,146,709; Feb. 14.
Pump head, Adjustable rotary. G. T. Pfleger. 2,164,837; July 4.
Pump impeller and method of assembling. G. F. Habach. 2,149,435; Mar. 7.
Pump impellers to driving shafts, Keying. J. M. Sinclair. 2,182,240; Dec. 5.
Pump inlet means. C. J. Coberly. 2,179,481; Nov. 14.
Pump jack. F. D. Gunsaullus. 2,161,252; June 6.
Pump jack. M. Hunefeld. 2,147,037; Feb. 14.
Pump jack. R. E. Whittlesey. 2,170,313; Aug. 22.
Pump liner. W. T. Caldwell. 2,155,180; Apr. 18.
Pump liner construction. P. L. Scott. 2,175,705; Oct. 10.
Pump lubricating apparatus. J. M. Hait. 2,158,696; May 16.
Pump mechanism. P. B. Barnett and C. G. Upton. 2,180,451; Nov. 21.
Pump, more particularly beer pump. S. Wéber. 2,148,918; Feb. 28.
Pump of the knapsach type, Spray. R. L. W. Robinson. 2,147,352; Feb. 14.
Pump operating mechanism. C. W. Hall. 2,144,149; Jan. 17.
Pump operating mechanism, Well. E. W. Patterson. 2,169,815; Aug. 15.
Pump or motor. E. Benedek. 2,166,717; July 18.
Pump or motor. F. Burghauser. 2,176,787; Oct. 17.
Pump or motor. H. W. Landenberger. 2,149,143; Feb. 28.
Pump or motor, Fluid. A. L. Barnes. 2,181,168; Nov. 28.
Pump or motor, Hydraulic. E. K. Benedek. 2,147,515; Feb. 14.
Pump or motor, Hydraulic. E. K. Benedek. 2,159,244; May 23.
Pump or motor, Hydraulic. E. K. Benedek. 2,161,794; June 13.
Pump or motor, Hydraulic. E. K. Benedek. 2,164,171; June 27.
Pump or motor, Hydraulic. E. K. Benedek. 2,165,126; July 4.
Pump or motor, Hydraulic. E. K. Benedek. 2,173,432; Sept. 19.
Pump or motor, Hydraulic. E. K. Benedek. 2,180,343; Nov. 21.
Pump or motor, Hydraulic. W. Ernst. 2,159,553; May 23.
Pump or motor, Multistage. E. K. Benedek. 2,163,080; June 20.
Pump or motor, Multistage hydraulic. E. K. Benedek. 2,172,900; Sept. 12.
Pump or motor, Power transmission. W. Thomas. 2,168,658; Aug. 8.
Pump or motor, Rotary. E. K. Benedek. 2,160,352; May 30.
Pump or motor, Variable displacement. E. K. Benedek. 2,159,245; May 23.

Pump or motor, Variable displacement. E. K. Benedek. 2,166,114; July 18.
Pump piston device, Fluid-operated. C. J. Coberly. 2,147,766; Feb. 21.
Pump plunger. E. S. Huntsman. 2,180,240; Nov. 14.
Pump regulating valve, Fluid-controlled. T. E. Eaglebarger. 2,172,122; Sept. 5.
Pump rod assembly. C. E. Suhm and L. S. Ankenbruck. Re. 21,114; June 13.
Pump rod in a well, Rotating. A. E. Poulsen. 2,180,880; Nov. 21.
Pump rod protecting assembly. H. W. Millmine. 2,164,159; June 27.
Pump runner assembly. O. Jacobsen. 2,143,484; Jan. 10.
Pump silencing device. F. A. Firestone, E. J. Abbott, and J. D. Kraus. 2,155,756; Apr. 25.
Pump structure. H. E. Kempton and M. W. Huber. 2,148,561; Feb. 28.
Pump-testing system. W. M. White. 2,172,095; Sept. 5.
Pump top re-forming machine. A. H. Altvater. 2,164,861–2; July 4.
Pump unit, Centrifugal. J. Inglis. 2,178,994; Nov. 7.
Pump unit, Fuel. T. V. Dillstrom. 2,148,112; Feb. 21.
Pump unit, Power. V. L. Andrew. 2,151,067; Mar. 21.
Pump valve. J. S. Abercrombie. 2,143,399; Jan. 10.
Pump valve mounting. H. E. Brandt. 2,173,930; Sept. 26.
Pumping apparatus. L. L. Clark. 2,170,549; Aug. 22.
Pumping apparatus. J. L. Dean and E. Schmidt. 2,162,247; June 13.
Pumping apparatus. S. A. Emerson. 2,151,588; Mar. 21.
Pumping apparatus. A. D. Ferguson. 2,181,127; Nov. 28.
Pumping apparatus. F. Jacuzzi. 2,150,799; Mar. 14.
Pumping apparatus. A. R. Maier. 2,153,094; Apr. 4.
Pumping apparatus. R. C. Mason. 2,169,703; Aug. 15.
Pumping apparatus. C. Reuchert. 2,180,366; Nov. 21.
Pumping apparatus. E. A. Ringgenberg. 2,159,179; May 23.
Pumping apparatus, Electrical control system for dual. H. M. Wood and F. L. Fisher. 2,147,073; Feb. 14.
Pumping apparatus from a beam, Apparatus for disconnecting. B. H. Ravanelli. 2,171,192; Aug. 29.
Pumping apparatus, Rotary. J. Deubel. 2,142,867; Jan. 3.
Pumping apparatus, Rotary. A. C. Whittome and C. Boardman. 2,181,677; Nov. 28.
Pumping apparatus, Straight lift. G. T. Humphrey 2,152,762; Apr. 4.
Pumping device. J. Corydon and R. Lowe. 2,145,566; Jan. 31.
Pumping device. G. T. Humphrey. 2,169,493; Aug. 15.
Pumping device in particular for volatile liquids. P. A. Guinard. 2,149,600; Mar. 7.
Pumping gear. E. G. Ware. 2,155,108; Apr. 18.
Pumping machinery. E. A. Stalker. 2,177,159; Oct. 24.
Pumping means in refrigerating systems. L. F. Whitney. 2,174,303; Sept. 26.
Pumping mechanism. F. W. Harris. 2,152,802; Apr. 4.
Pumping rig. A. N. Porter. 2,157,628; May 9.
Pumping system. H. B. Davidson. 2,146,798; Feb. 14.
Pumping system. A. M. and J. M. Gurley. 2,183,560; Dec. 19.
Pumping system. O. J. Jasberg. 2,181,973; Dec. 5.
Pumping system and operating same. R. H. Carr. 2,155,384; Apr. 25.
Pumping unit. P. C. Jackson. 2,161,298; June 6.
Pumping unit. B. R. McBath, Jr. 2,149,454; Mar. 7.
Pumping unit for wells. G. T. Humphrey. 2,161,961; June 13.
Pumping unit with automatic clutch. J. B. A. de Boysson. 2,147,334; Feb. 14.
Pumps and slippage pumps, Arrangement for driving auxiliary pilot. W. Enrst. 2,168,669; Aug. 8.
Pumps, Controlling feed water. H. Hillier. 2,163,281; June 20.
Pumps, Lubrication of solvent. L. E. Soderquist. 2,146,161; Feb. 7.
Pumps, Method and apparatus for controlling fluid operated. C. J. Coberly. 2,180,400; Nov. 21.
Pumps, Operating vapor jet vacuum. P. Schlumbohm. 2,142,806; Jan. 3.
Pumps, Operating well. H. M. Salentine. 2,147,924; Feb. 21.
Punch. A. Bustamante and B. R. Enriquez. 2,167,103; July 25.
Punch. W. J. Ehrsam. 2,182,744; Dec. 5.
Punch. C. E. Mange. 2,161,969; June 13.
Punch and die assembly. F. J. Kratchman. 2,147,655; Feb. 21.
Punch and die mechanism for producing pyrometric cones. G. A. Bole and H. E. Co Van. 2,181,618; Nov. 28.
Punch and retainer assembly. P. Booth. 2,172,272; Sept. 5.
Punch and stripper, Combined. C. C. Richard. 2,160,676; May 30.
Punch, Belt. D. H. Chason. 2,145,210; Jan. 24.
Punch, Card. E. Roggenstein. 2,160,171; May 30.
Punch holder. W. R. Fisher. 2,154,738; Apr. 18.
Punch, Portable universal electric. E. O. Roggenstein. 2,151,232; Mar. 21.
Punch, Post hole. E. Dahl. 2,154,732; Apr. 18.
Punch press. E. F. McClung and P. S. Schildknecht. 2,144,684; Jan. 24.
Punch, Rail. P. M. Bibb. 2,156,172; Apr. 25.
Punch, Rate extension. C. D. Lake. 2,168,414; Aug. 8.
Punch, Shank and bit. G. C. Pearson. 2,162,667; June 13.
Punch, Statistical card. R. E. Rice and W. F. Kelley. 2,172,758; Sept. 12.
Punching and cutting machine. F. L. Manny. 2,164,616; July 4.
Punching and notch cutting machine, Rotary. F. L. Manny. 2,167,279; July 25.
Punching and stripping mechanism for presses. G. F. Wales. 2,168,377; Aug. 8.
Punching bag. J. P. Hayes. 2,184,453; Dec. 26.
Punching machine. F. L. Fuller. 2,181,991; Dec. 5.
Punching machine. E. J. Rabenda. 2,165,302; July 11.
Punching machine. E. J. Von Pein and P. J. Schlessiger. 2,157,040; May 2.
Punching press. G. F. Wales. 2,163,641; June 27.
Punches and dies, Making. R. J. Wilkie. 2,175,139; Oct. 3.
Punches and dies, Manufacturing cooperating. J. B. Ford. 2,172,970; Sept. 12.
Punches, Retaining means for. C. F. Maute. 2,152,072; Mar. 28.
Pupillary distances, Method of and apparatus for determining. O. W. Lee. 2,159,277; May 23.
Puppet. V. Leeper. 2,155,665; Apr. 25.
Purger arrangement. L. F. Whitney. 2,175,419; Oct. 10.
Purger assembly. E. A. Weaver. 2,160,394; May 30.
Purification and waste recovery, System of. C. G. Hawley. 2,146,542; Feb. 7.
Push-button control. A. W. Franklin. 2,178,958; Nov. 7.
Push-button switch. G. O. Puerner. 2,146,269; Feb. 7.
Push-off for sweep rakes. A. L. Fry. 2,179,549; Nov. 14.
Push-on type handle. D. G. Kimball. 2,172,977; Sept. 12.
Push switch, Momentary contact. F. C. De Reamer. 2,166,803; July 18.
Pusher, Staple. J. Meltzer. 2,181,849; Nov. 28.
Putlog support. W. Krasin. 2,172,796; Sept. 12.
Putting-out machine. J. H. Connor. 2,150,264; Mar. 14.
Putty from window sashes, Device for removing. L. E. Harmon, Jr. 2,161,040; June 6.
Puzzle. J. D. Boyle. 2,181,116; Nov. 28.
Puzzle. I. Steinhardt. 2,178,190; Oct. 31.
Puzzle or educational toy. L. F. Galeazzo. 2,162,278; June 13.
Pyridine in the solvent refining of oils, Recovering. J. W. Weir. 2,178,506; Oct. 31.
Pyrimidine compounds. R. R. Williams. 2,153,016; Apr. 4.
Pyrimidine series, Compounds of the. W. Braun and K. Koeberle. 2,154,889; Apr. 18.
Pyrolysis of secondary-butylbenzene derivatives. R. R. Dreisbach. 2,182,313; Dec. 5.
Pyrometer, High temperature. L. R. Runaldue. 2,166,824; July 18.
Pyrometer well. F. H. Rees. 2,161,432; June 6.
Pyrophosphoric acid with acyl derivatives of polyhydroxy substances, Reaction product of. B. R. Harris. 2,177,650; Oct. 31.
Pyrotechnic composition. G. J. Schladt. 2,149,314; Mar. 7.
Pyroxylin coated materials and making the same. R. B. Mitchell. 2,148,405; Feb. 21.
Quad for justifying lines of type, Compression. O. L. Spaeth. 2,152,752; Apr. 4.
Quadding and centering devices, Automatic control of. M. T. Goetz. 2,148,549; Feb. 28.
Quarry drill frame. G. C. Pearson. 2,152,150; Mar. 28.
Quartz piezoelectric element. H. W. N. Hawk. 2,159,796; May 23.
Quill or bobbin, Flat. H. L. Amrhein. 2,168,465; Aug. 8.
Quilting device. A. J. Bieker. 2,173,748; Sept. 19.
Quilting frame. T. D. and A. M. McCall. 2,165,496; July 11.
Quilting frame stand. A. D. W. Janssen. 2,177,720; Oct. 31.
Quinone, Preparation of. A. C. Carus. 2,144,424; Jan. 17.
Quinone, Purification of. J. W. Zabriskie. 2,148,669; Feb. 28.
Rabbit feeder. B. M. Yeaman. 2,168,639; Aug. 8.
Race courses, Arrangement for controlling the start in. T. H. Engholm and G. Hernes. 2,165,749; July 11.
Race starting device. G. Nancarrow. 2,165,937; July 11.
Race track. A. C. Kish. 2,146,631; Feb. 7.
Races, Apparatus for reproducing. F. D. Ammon and W. H. Maxwell. 2,166,132; July 18.
Racemization of optically active compounds. G. Scheuing and W. Krauss. 2,152,976; Apr. 4.
Raceway member for roller bearings and mounting same, Outer. J. B. Baker. 2,170,492; Aug. 22.
Rack: *See*—
Barrel rack.
Battery charging rack.
Bimetallic ice rack.
Boat lifting rack.
Book rack.
Bottle rack.
Brush display rack.
Cabinet rack.
Car floor rack.
Card rack.
Clothes drying rack.
Coil rack.
Convertible rifle rack.
Counter rack.
Dish-draining rack.
Dish rack.
Dispensing rack.
Display rack.
Fabric bolt rack.
Floor rack.

Rack: *See*—
Garment rack.
Glass rack.
Line-service rack.
Luggage rack.
Lumber piling rack.
Necktie rack.
Padding rack.
Portable display rack.
Refrigerator car floor rack.
Roast rack.
Rotary rug rack.
Safety-glass rack.
Spray rack.
Stick-holding rack.
Support rack.
Tubing rack.
Utility rack.
Yarn rack.

Rack. R. Fitzpatrick. 2,179,406; Nov. 7.
Rack. E. C. Godfrey. 2,149,016; Feb. 28.
Rack and drawer, Combined tie. J. H. Lane. 2,153,258; Apr. 4.
Rack and handling apparatus, Film. R. C. Mercer. 2,153,810; Apr. 11.
Rack and lighting fixture, Combination baggage. A. T. Hagerty and C. M. Verhagen. 2,185,078; Dec. 26.
Rack and slidable locking means therefor, Cue. W. Poma. 2,179,272; Nov. 7.
Rack and slider. Paper. O. K. Hoglund and F. W. Herbert. 2,172,723; Sept. 12.
Rack for books and the like, Display. C. A. Grant. 2,151,269; Mar. 21.
Rack for books and the like, Display. C. A. Grant. 2,170,994; Aug. 29.
Rack for cigarette packages. W. R. Ford. 2,182,255; Dec. 5.
Rack for cooking utensils. D. W. Gustavesön. 2,179,291; Nov. 7.
Rack for fly books, Hook. G. P. Heiner. 2,173,395; Sept. 19.
Rack for freezing fish. F. E. Fregeau. 2,168,520; Aug. 8.
Rack for glass coffee brewers. E. Perlman. 2,174,093; Sept. 26.
Rack for hearses, Casket. G. L. Runkle. 2,148,245; Feb. 21.
Rack for lace reels, Display. F. A. Wolfert. 2,182,605; Dec. 5.
Rack for magazines and the like. F. D. Farr. 2,163,027; June 20.
Rack for photographic films and the like. I. C. Rinn. 2,181,206; Nov. 28.
Rack for photostat machines, Squeegee. 2,161,229; June 6.
Rack for pliers. O. A. Chalk. 2,172,902; Sept. 12.
Rack for rectangular roasters. K. L. Woodman. 2,156,214; Apr. 25.
Rack for refrigerator cabinets. C. Steenstrup. 2,155,284; April 18.
Rack for refrigerator cars, Floor. C. D. Bonsall. 2,150,413; Mar. 14.
Rack for refrigerator cars, Floor. C. E. Crede. 2,178,739; Nov. 7.
Rack for refrigerator cars, Floor. V. E. Sisson. 2,147,129–30; Feb. 14.
Rack for refrigerator cars, Floor. V. E. West. 2,147,131; Feb. 14.
Rack for rubber stamps or the like. S. V. Dahlin. 2,158,221; May 16.
Rack for storage battery plates and other objects. C. D. Galloway. 2,148,371; Feb. 21.
Rack for warp tying machines. H. P. Eanes. 2,182,288; Dec. 5.
Rack for wrappers, Holding. J. Cherymisin. 2,147,964; Feb. 21.
Rack, Towel. R. F. Davis. Re. 21,143; July 11.
Rack wiring unit. B. Eichwald. 2,143,768; Jan. 10.
Racker, Pipe. T. J. Umphres. 2,162,653; June 13.
Racks, Combination floor and tub towel. G. B. Bentz. 2,181,543; Nov. 28.
Racket. R. Abell. 2,164,631; July 4.
Racket. H. Goerke. 2,165,701; July 11.
Racket. J. L. Kleinman. 2,178,588; Nov. 7.
Racket. G. H. Simpson. 2,183,925; Dec. 19.
Racket for table tennis and similar games. B. C. Schmid. 2,147,110; Feb. 14.
Racket for tennis and batting games and manufacturing same. R. H. Robinson. 2,171,223; Aug. 29.
Racket for tennis and like games. E. H. Aubert. 2,145,785; Jan. 31.
Racket, Lacrosse. R. B. Pool. 2,142,527; Jan. 3.
Racket press. W. G. Curry. 2,167,560; July 25.
Racket press. L. C. Doll. 2,168,119; Aug. 1.
Racket press E. Vredenburg, Jr. 2,180,783; Nov. 21.
Racket, Table tennis. A. M. Keller. 2,156,477; May 2.
Racket, Tennis. J. L. Consiglio. 2,164,903; July 4.
Rackets and the like, Apparatus for stringing tennis. A. Ryckman. 2,146,853; Feb. 14.
Radial antifriction bearing. P. Brühl. 2,151,830; Mar. 28.
Radial bearing. H. A. S. Howarth. 2,182,539; Dec. 5.
Radial draft miling apparatus. A. A. Davis. 2,161,505; June 6.
Radial engine, U-type two-cycle. R. M. Hazen. 2,159,209; May 23.
Radial engine valve gear. R. Daub. 2,183,011; Dec. 12.
Radial plain bearing. N. A. Palmgren. 2,148,406; Feb. 21.
Radiant. C. V. Blayney. 2,174,962; Oct. 3.
Radiant energy, Amplification of. J. J. Daley. 2,158,961; May 16.
Radiant energy detector. E. D. Wilson. 2,144,519; Jan. 17.
Radiant energy, Measuring. L. P. F. van der Grinten. 2,161,644; June 6.
Radiant energy system. J. M. Fisher. 2,143,437; Jan. 10.
Radiating apparatus. R. F. James and E. B. Baker. 2,162,505; June 13.
Radiating device. W. M. Hahnemann. 2,161,292; June 6.
Radiating, transformation and reinforcement system. A. M. Nicolson. 2,153,586; Apr. 11.
Radiation heater. R. C. Johnson. 2,151,516; Mar. 21.
Radiation method and apparatus. J. Kieffer. 2,167,115; July 25.
Radiation method and apparatus, Spherical movement. J. Kieffer. 2,167,116; July 25.
Radiation of heat from center-mounted horizontal engines. J. G. Holmstrom. 2,165,795; July 11.
Radiation pyrometer device. L. O. Sordahl. 2,184,169; Dec. 19.
Radiator. E. C. Booth. 2,169,993; Aug. 22.
Radiator. F. M. Young. 2,184,658; Dec. 26.
Radiator and engine support. D. B. Baker, C. R. Rogers, and W. O. Bechman. 2,152,579; Mar. 28.
Radiator and erecting the same, Telescoping vertical. J. F. Byrne. 2,173,095; Sept. 19.
Radiator and radiator shutter assembly. W. C. Agerell and A. C. Mueller. 2,170,524; Aug. 22.
Radiator arrangement for motor vehicles. O. Windberger. 2,161,690; June 6.
Radiator, Automatic heat control. D. P. Potter. 2,144,030; Jan. 17.
Radiator bypass device. F. M. Young. 2,164,605; July 4.
Radiator cap. J. A. White and D. B. Mecorney. 2,147,727; Feb. 21.
Radiator construction. J. H. Miguel. 2,149,065; Feb. 28.
Radiator construction. F. C. Reynolds. 2,170,427; Aug. 22.
Radiator construction, Automobile. S. Ingildsen. 2,146,120; Feb. 7.
Radiator cooling apparatus, Automobile. W. L. Morrison. 2,159,599; May 23.
Radiator core construction. E. C. Booth. 2,164,005; June 27.
Radiator cover. P. Domek. 2,177,822; Oct. 31.
Radiator, Cowl nose section. R. S. Buck. 2,145,233; Jan. 31.
Radiator drier. D. Gorfein. 2,151,510; Mar. 21.
Radiator, Electric. J. Deuches. 2,153,078; Apr. 4.
Radiator, Electrically heated. J. Müller. 2,179,420; Nov. 7.
Radiator fin. Tinned copper. L. M. Lawton and L. W. Shutts. 2,147,709; Feb. 21.
Radiator, Flue. J. F. Ingham. 2,175,564; Oct. 10.
Radiator for aviation engines. H. Wagner and L. Meyer. 2,171,817; Sept. 5.
Radiator for projection machines, Heat. G. H. Worrall. 2,162,324; June 13.
Radiator header. L. P. Saunders. 2,179,702; Nov. 14.
Radiator header with floating tube sheet. F. J. Sibley. 2,164,628; July 4.
Radiator header with metering orifice nipples and making same. F. J. Sibley. 2,164,629; July 4.
Radiator, Heating. A. N. A. Anderson. 2,167,822; Aug. 1.
Radiator, Hot water heating. J. F. Haywood. 2,170,777; Aug. 22.
Radiator inlet valve, Automobile. B. Friedman. 2,159,477; May 23.
Radiator, Oil or gas heating. F. Maczko. 2,167,406; July 25.
Radiator or condenser. A. L. Muren. 2,151,791; Mar. 28.
Radiator, Portable heat. C. A. Eck. 2,154,976; Apr. 18.
Radiator pressure cap. J. E. Eshbaugh. 2,181,969; Dec. 5.
Radiator pressure cap. J. E. Eshbaugh and N. Walker. 2,164,450; July 4.
Radiator pressure cap. L. B. Smith. 2,164,478; July 4.
Radiator screen. E. J. Morris. 2,173,338; Sept. 19.
Radiator shutter construction. E. A. Blumenthal. 2,174358; Sept. 26.
Radiator, Steam. B. F. Randel. 2,150,941; Mar. 21.
Radiator stop-leak. H. Erickson. 2,180,341; Nov. 21.
Radiator structure. F. B. Hewel. 2,175,394; Oct. 10.
Radiator testing and repair apparatus. C. T. Walker 2,159,063; May 23.
Radiator, Tubular. G. W. Day. 2,171,253; Aug. 29.
Radiator used with internal combustion engines. H. B. Morrow and G. W. Walker. 2,170,214; Aug. 22.
Radiator valve, Stickproof. C. F. Buning. 2,160,536; May 30.
Radiator, Vehicle. V. R. Simons. 2,147,719; Feb. 21.
Radiators, Apparatus for deterging. G. J. Rodieck. 2,170,730; Aug. 22.
Radiators, Making. J. F. Fagan. 2,170,774; Aug. 22.
Radio antenna. J. M. Beaufort and H. S. Pyle. 2,172,117; Sept. 5.
Radioactive article. A. F. K. Chabchay. 2,148,683; Feb. 28.
Radio-active elements, Producing. L. Szilard. 2,161,985; June 13.
Radio amplifying and receiving system, Short wave. E. L. Brown. 2,154,723; Apr. 18.
Radio antenna. H. (Heinie) L. Johnson. 2,184,997; Dec. 26.
Radio antenna, Automobile. P. Gugenheim. 2,181,327; Nov. 28.

Radio antenna for motor vehicles. A. J. Springer and C. B. McMillan. 2,151,997; Mar. 28.
Radio apparatus. C. W. Hicks. 2,144,309; Jan. 17.
Radio apparatus. C. W. Hicks. 2,171,432; Aug. 29.
Radio apparatus. M. J. Huggins. 2,165,483; July 11.
Radio apparatus. L. A. Hyland. 2,151,917; Mar. 28.
Radio apparatus. L. A. Hyland. 2,183,746; Dec. 19.
Radio apparatus. M. W. Kenney. 2,160,270; May 30.
Radio apparatus. E. G. Linder. 2,142,648; Jan. 3.
Radio apparatus. E. G. Linder. 2,173,234; Sept. 19.
Radio apparatus and assembling the same. F. C. Blancha. 2,178,220; Oct. 31.
Radio apparatus and method of manufacture. L. A. Hyland. 2,144,310; Jan. 17.
Radio apparatus for determining distance and direction. H. E. Hollmann. 2,151,323; Mar. 21.
Radio apparatus, Potential supply means for. B. F. Gostin and C. E. Neale. 2,152,184; Mar. 28.
Radio broadcasting system. G. Rodwin. 2,153,052; Apr. 4.
Radio cabinet. H. T. Roberts. 2,160,283–4; May 30.
Radio change-over system, Wired. H. R. Butler. 2,183,931; Dec. 19.
Radio communication, Antistray arrangement for. F. Klutke. 2,176,218; Oct. 17.
Radio communication system. H. P. Boswau. 2,176,868; Oct. 24.
Radio communication system, Short wave. G. A. Mathieu. 2,173,911; Sept. 26.
Radio control device. D. C. Bamforth. 2,176,051; Oct. 17.
Radio control device. T. D. Bross. 2,165,693; July 11.
Radio control device. E. L. Lehnus. 2,157,291; May 9.
Radio course indicator. V. K. Zworykin. 2,183,634; Dec. 19.
Radio dial. W. J. Schnell. 2,155,101; Apr. 18.
Radio dial, Precision. V. Clarke. 2,143,647; Jan. 10.
Radio dial, Precision. F. W. Sullinger. 2,143,665; Jan. 10.
Radio directing and direction finding system. G. E. M. Perroux. 2,182,134; Dec. 5.
Radio direction finder. W. S. Hinman, Jr. 2,145,876; Feb. 7.
Radio direction finder. R. J. Kemp and D. L. Plaistowe. 2,155,492; Apr. 25.
Radio direction finder. G. G. Kruesi. 2,142,133; Jan. 3.
Radio direction finder. G. G. Kruesi. 2,184,306; Dec. 26.
Radio direction finder. S. B. Smith and E. Green. 2,153,975; Apr. 11.
Radio direction finder. S. R. Wagner. 2,167,787; Aug. 1.
Radio direction finding. E. J. Hefele. 2,172,536; Sept. 12.
Radio direction finding apparatus. P. Giroud. 2,182,118; Dec. 5.
Radio direction finding system. C. C. Jones. 2,146,745; Feb. 14.
Radio direction finding system. G. M. Wright. 2,143,178; Jan. 10.
Radio frequency filter. J. W. Conklin. 2,163,775; June 27.
Radio-frequency inductance unit. H. A. Wheeler. Re. 21,176; Aug. 15.
Radio frequency selection and oscillatory amplification element. W. C. Hill. 2,158,822; May 16.
Radio frequency transmission line. H. O. Peterson. 2,173,565; Sept. 19.
Radio goniometric indication, Method of and apparatus for. E. A. H. Honore. 2,148,267; Feb. 21.
Radiographs, Making. T. S. Buckley. 2,161,796; June 13.
Radiographs of body sections or body layers, Apparatus for making. E. Augustin, K. Fügmann, W. Klein, H. Schliemann, and H. Herrmann. 2,156,170; Apr. 25.
Radio navigational guide system. R. Plastino. 2,171,293; Aug. 29.
Radio power filter condenser. P. A. Tarr. 2,142,705; Jan. 3.
Radio program selector. K. D. Clayson. 2,145,973; Feb. 7.
Radio program selector. P. R. Prescott. 2,154,994; Apr. 18.
Radio receiver. E. F. Andrews. 2,143,532; Jan. 10.
Radio receiver. I. O. Banks. 2,153,447; Apr. 4.
Radio receiver. J. Dreyfus. 2,150,210; Mar. 14.
Radio receiver. F. J. Hooven. 2,175,025; Oct. 3.
Radio receiver. F. Kreienfeld. 2,159,970; May 30.
Radio receiver. H. M. Lewis and M. Cawein. 2,168,874; Aug. 8.
Radio receiver. W. Runge and A. Kunze. 2,165,304; July 11.
Radio receiver. G. M. Wright. 2,162,988; June 20.
Radio receiver. G. M. Wright. 2,171,154; Aug. 29.
Radio receiver, Combined space and wired. P. Arendt and W. M. Hahnemann. 2,151,884; Mar. 28.
Radio receiver combined with coin collector boxes. D. Mastini. 2,152,903; Apr. 4.
Radio receiver-hearing aid unit, Combination. J. J. Morey. 2,159,632; May 23.
Radio receiver, High fidelity. A. P. Montgomery. 2,153,583; Apr. 11.
Radio receiver, Regenerative. P. H. K. G. Cornelius. 2,171,139; Aug. 29.
Radio receiver, Timed wired. G. B. Scheibell. 2,161,890; June 13.
Radio receiver tuning apparatus. M. Basnicki. 2,154,024; Apr. 11.
Radio receiver, Variable selectivity. J. F. Farrington. 2,167,400; July 25.
Radio receivers, Automatic regulation in. S. Y. White. 2,165,596; July 11.
Radio receivers, Construction and manufacture of. D. Grimes. 2,168,984; Aug. 8.
Radio receiving and intercommunication system, Combined. K. E. Stockton and J. S. Jammer. 2,164,960; July 4.
Radio receiving apparatus. J. E. Beggs. 2,156,078; Apr. 25.
Radio receiving apparatus. P. R. Dijksterhuis. 2,176,212; Oct. 17.
Radio receiving apparatus. P. D. Lowell and F. W. Dunmore. Re. 21,023; Mar. 7.
Radio receiving apparatus. T. Sorenson. 2,164,889; July 4.
Radio receiving circuit. N. Atkinson. 2,171,135; Aug. 29.
Radio receiving set. D. J. Crowley. 2,176,667; Oct. 17.
Radio receiving set. H. A. Fritz. 2,175,561; Oct. 10.
Radio receiving system. G. P. Adair. Re. 21,151; July 18.
Radio receiving system. J. F. Dreyer, Jr. 2,161,616; June 6.
Radio receiving system. S. T. Fredrickson. 2,156,809; May 2.
Radio receiving system. G. L. Grundmann. 2,183,741; Dec. 19.
Radio receiving system. L. Krügel. 2,149,175; Feb. 28.
Radio receiving system. T. Lundahl. 2,143,159; Jan. 10.
Radio receiving system, Multiunit. R. Kimball. 2,179,043; Nov. 7.
Radio reception, Method and apparatus for. K. W. Jarvis. 2,166,298; July 18.
Radio relay and distribution system. A. N. Goldsmith. 2,155,821; Apr. 25.
Radio relay system. W. L. Knotts and H. H. Beverage. 2,146,301; Feb. 7.
Radio relaying system. C. W. Hansell. 2,183,562; Dec. 19.
Radio repeater. J. G. Chaffee. 2,148,532; Feb. 28.
Radio service system, Wired. H. R. Butler. 2,179,612; Nov. 14.
Radio shielding means. M. F. Peters. 2,163,624; June 27.
Radio signal receiving system. W. H. Conron and W. L. Carlson. 2,173,898; Sept. 26.
Radio signaling. J. A. Spencer and R. E. Mathes. 2,142,218; Jan. 3.
Radio signaling apparatus. H. Scharlau. 2,151,336; Mar. 21.
Radio signaling system. N. H. Clough. 2,154,492; Apr. 18.
Radio signaling systems, Supervision of. J. R. MacKay. 2,165,064; July 4.
Radio speaker control structure and circuit for use with automatic tuning devices for radio receivers. W. L. Dunn. 2,170,261; Aug. 22.
Radio station center tuning control. A. Lesti. 2,151,275; Mar. 21.
Radio station center tuning push-button control. A. Lesti. 2,174,634; Oct. 3.
Radio switch, Time controlled. M. S. Martigoni. 2,166,601; July 18.
Radio system. B. S. McCutchen and C. B. Aiken. 2,153,969; Apr. 11.
Radio system. N. J. Pierce and F. A. Polkinghorn. 2,173,858; Sept. 26.
Radio system, Directive. E. Bruce. 2,169,553; Aug. 15.
Radio system for collision prevention. F. W. Dunmore. 2,146,724; Feb. 14.
Radio table. H. Hartmann. 2,175,603; Oct. 10.
Radio telephone equipment. E. L. Brown. 2,142,993; Jan. 10.
Radio telephone system. D. A. Heisner. 2,157,234; May 9.
Radio transmission. J. L. Getaz. 2,156,846; May 2.
Radio transmitter. G. W. Fyler. 2,147,486; Feb. 14.
Radio transmitter. C. F. P. Rose. 2,172,453; Sept. 12.
Radio transmitter control. H. J. Scott. 2,142,335; Jan. 3.
Radio transmitter, Emergency automatic. D. E. Ellis. 2,149,808; Mar. 7.
Radio transmitter, Keying. A. H. Taylor and L. C. Young. 2,150,193; Mar. 14.
Radio transmitter, Short wave. C. W. Rice. 2,145,735; Jan. 31.
Radio transmitter, Ultra-high-frequency. F. A. Kolster and P. F. Byrne. 2,145,225; Jan. 24.
Radio transmitters, Keying. C. W. Hansell and H. E. Goldstine. 2,149,437; Mar. 7.
Radio transmitting system. E. H. Armstrong. 2,169,212; Aug. 15.
Radio tube. J. S. Welwood. 2,156,324; May 2.
Radio tube manufacture. F. Hulster. 2,182,341; Dec. 5.
Radio tube tester. M. Stark and F. Sutton. 2,179,565; Nov. 14.
Radio tuner. E. L. Barrett. 2,149,570; Mar. 7.
Radio tuner. W. J. Schnell. 2,154,778; Apr. 18.
Radio tuner and remote control, Automatic. E. A. Nordberg and A. K. Baker. 2,176,638; Oct. 17.

Radio tuning apparatus. G. H. Corey. 2,155,304; Apr 18.
Radio tuning device. F. S. Coe. 2,156,677; May 2.
Radio tuning device. R. Villem and H. Goudet. 2,184,965; Dec. 26.
Radio tuning indicator. W. J. Schnell. 2,182,572; Dec. 5.
Radio wave measuring device. A. J. Corriez. 2,145,342; Jan. 31.
Radius cutting tool. A. Rozmarich. 2,156,354; May 2.
Radius gauge, Self-centering. F. and W. Von Graf. 2,142,465; Jan. 3.
Radius turning gauge. G. M. Graham and A. E. Price. 2,155,541; Apr. 25.
Raft and log rafting mechanism, Log. H. F. Berg. 2,149,497; Mar. 7.
Raft and log rafting mechanism, Log. P. A. Pearson. 2,173,724; Sept. 19.
Rail and cross-tie assembly. C. H. R. Howe. 2,154,164; Apr. 11.
Rail and flange lubricator, Adjustable. R. P. Clarkson. 2,142,495; Jan. 3.
Rail and wheel flange lubricator. E. Overmier and T. E. Rodman. 2,163,288; June 20.
Rail and wheel flange lubricator. E. Overmier, T. E. Rodman, and D. M. Clarke. 2,168,577; Aug. 8.
Rail anticreeper, Double bearing. F. A. Preston. 2,161,484; June 6.
Rail bond. W. P. Bovard. 2,155,217; Apr. 18.
Rail bond. H. P. Chandler. 2,166,655; July 18.
Rail bond. H. P. Chandler. 2,176,245; Oct. 17.
Rail bond. E. M. Deems. 2,180,318; Nov. 14.
Rail bond terminal. C. E. Stolnacke and E. J. Sabol. 2,181,467; Nov. 28.
Rail bonds, Installing. H. H. Febrey. 2,162,164; June 13.
Rail bonds, Making. A. E. Brickman and G. A. Gleason. 2,151,292; Mar. 21.
Rail bonds, Making. C. A. Cadwell. 2,149,043; Feb. 28.
Rail-car set-off apparatus. H. S. Brown. 2,158,352; May 16.
Rail-chairs to sleepers, Securing of. A. C. Clow. 2,162,604; June 13.
Rail clamping mechanism. F. O. Snow, Jr. 2,172,627; Sept. 12.
Rail construction, Highway guard. W. R. Baxter. Re. 20,182; Aug. 29.
Rail contact shoe, Third. R. H. Sierk. 2,161,100; June 6.
Rail cooling. P. W. Leisner and B. M. Lockard. 2,167,485; July 25.
Rail crossing. J. A. Johnson. 2,177,655; Oct. 31.
Rail drilling machine. F. C. Lavarack and B. Schlesinger. 2,154,244; Apr. 11.
Rail ends, Repairing. R. E. Frickey. 2,170,859; Aug. 29.
Rail fastener. E. Woodings. 2,150,258–9; Mar. 14.
Rail fastening. W. H. Bailey. 2,167,864; Aug. 1.
Rail fastening. W. S. Boyce. 2,167,870; Aug. 1.
Rail fastening. H. H. Febrey. 2,158,057; May 16.
Rail fastening, Railway. E. C. Neal. 2,181,408; Nov. 28.
Rail fissure detector. H. C. Drake. 2,183,118; Dec. 12.
Rail flaw detecting apparatus. H. W. Keevil. 2,175,196; Oct. 10.
Rail flaw detector mechanism. H. C. Drake. 2,152,540; Mar. 28.
Rail flaw detector mechanism. H. C. Drake. 2,163,424; June 20.
Rail flaw detector mechanism. H. C. Drake. 2,170,965; Aug. 29.
Rail flaw detector mechanism. H. Schumacher, W. M. Perry, and L. J. De Lanty. 2,170,977; Aug. 29.
Rail for heat treating furnaces, Roller. H. H. Harris. 2,182,202; Dec. 5.
Rail for industrial heat treating furnaces, Roller. H. H. Harris. 2,172,381; Sept. 12.
Rail for industrial heat treating purposes, Roller. H. H. Harris. 2,172,380; Sept. 12.
Rail for vehicle frames, Side. D. W. Sherman. 2,165,074; July 4.
Rail greasing appliance. G. C. Hurrell. 2,181,235; Nov. 28.
Rail hardening method and apparatus. R. E. Frickey. 2,143,347; Jan. 10.
Rail jack. J. C. Foreman. 2,147,527; Feb. 14.
Rail joint. E. W. Backes. 2,172,929; Sept. 12.
Rail joint. C. D. Barrett. 2,145,913; Feb. 7.
Rail joint. F. G. Gorick. 2,151,026; Mar. 21.
Rail joint. M. Mitin. 2,156,189; Apr. 25.
Rail joint. E. Schuppner. 2,156,312; May 2.
Rail joint bar. V. C. Armstrong. 2,162,293; June 13.
Rail joint, Expansible. A. E. Hill. 2,143,879; Jan. 17.
Rail joint, Expansible. A. E. Hill. 2,147,342; Feb. 14.
Rail joint for railroads, Silent. J. Dill. 2,143,766; Jan. 10.
Rail joint, Head-free. H. L. Lansing. 2,160,334; May 30.
Rail joint plug. R. J. Mulroney. 2,142,796; Jan. 3.
Rail joint, Railway. A. N. Brogden. 2,146,248; Feb. 7.
Rail joint system, Safety self-locking. A. B. Boluska. 2,166,654; July 18.
Rail lubricating apparatus. C. Stern. 2,183,727; Dec. 19.
Rail lubricating device. C. Stern. 2,170,917; Aug. 29.
Rail lubricating device. C. Stern. 2,177,752; Oct. 31.
Rail, Railway. A. J. Brinkman. 2,178,947; Nov. 7.
Rail reforming device. H. C. Drake. 2,144,916; Jan. 24.
Rail retaining device. C. F. Gailor. 2,143,374; Jan. 10.
Railroad crossing. L. Alexander. 2,152,857; Apr. 4.
Railroad lifting jack. I. Okuda. 2,157,214; May 9.
Railroad signal, Audible. W. C. Eaves. 2,177,594; Oct. 24.
Railroad trackage and method of assembly, Small scale model. H. Day. 2,161,562; June 6.
Rail, Roller. H. H. Harris. 2,172,378–9; Sept. 12.
Rail sanding device. B. S. Aikman. 2,155,214; Apr. 18.
Rail sanding device. E. R. Fitch. 2,173,938; Sept. 26.
Rail sanding device. C. F. Hammer. 2,148,745; Feb. 28.
Rail, Showcase. L. O. Erikson. 2,144,753; Jan. 24.
Rail spacing apparatus. E. B. Stout. 2,180,075; Nov. 14.
Rail supporting and retaining means. J. G. Delfox. 2,154,151; Apr. 11.
Rail supporting device, Track. H. M. Austin and J. A. Muir. 2,162,599; June 13.
Rail tie and anchor. S. Morano. 2,181,248; Nov. 28.
Railway. J. B. Strauss. 2,150,348; Mar. 14.
Railway block system and power supply circuit. J. C. McDonald. 2,173,123; Sept. 19.
Railway brake. A. H. Oelkers. 2,180,092; Nov. 14.
Railway car. D. A. Crawford. 2,147,011; Feb. 14.
Railway car. C. Hankins. 2,145,173–4; Jan. 24.
Railway car. H. C. Lima. 2,146,436; Feb. 7.
Railway car. W. E. Wine. 2,160,450; May 30.
Railway car, Drop bottom. A. Kassler and R. A. Shields. 2,180,530; Nov. 21.
Railway construction. V. N. Wolfersberger. 2,146,002; Feb. 7.
Railway highway-vehicle carrier. G. S. Goodwin and P. Kass. 2,159,479; May 23.
Railway hopper car. A. A. Johnson. 2,167,364; July 25.
Railway journal lubricator. J. J. Hennessy. 2,178,891; Nov. 7.
Railway journal lubricator. J. J. Hennessy. 2,182,205; Dec. 5.
Railway, Marine. N. G. Holland. 2,178,303; Oct. 31.
Railway signaling. R. R. Kemmerer. 2,153,668; Apr. 11.
Railway switching system, Automatic. M. H. Loughridge. 2,151,709; Mar. 28.
Railway track circuit. G. R. Pflasterer. 2,176,612; Oct. 17.
Railway vehicle. J. G. Blunt. 2,147,398; Feb. 14.
Railway vehicle. J. G. Blunt. 2,180,392; Nov. 21.
Railway vehicle. E. G. Hallquist and W. M. Sheehan. 2,163,257; June 20.
Railway vehicle. R. N. Janeway. 2,174,324; Sept. 26.
Railway vehicle. B. W. Kadel and D. S. Barrows. 2,155,662; Apr. 25.
Railway vehicle. W. Van Der Sluys. 2,177,848; Oct. 31.
Railway vehicle. W. Van Der Sluys. 2,179,969; Nov. 14.
Rail wetting device for railroads. G. A. Allen. 2,184,969; Dec. 26.
Railing and manufacture thereof. W. B. Ewing. 2,150,651; Mar. 14.
Railing for boat hatches, Protective. H. S. Lewis. 2,159,902; May 23.
Railing structure, Tubular metal. W. B. Ewing. 2,172,137; Sept. 5.
Rails, Apparatus for cooling. J. Johnston. 2,166,056; July 11.
Rails, Apparatus for hardening the ends of track. F. M. Graham. 2,182,120; Dec. 5.
Rails, Cushioning and preventing creep of. O. V. Greene. 2,149,599; Mar. 7.
Rails, Hardening the ends of railway. F. J. Werner. 2,169,776; Aug. 15.
Rails, Method and apparatus for straightening. J. T. Loftus. 2,180,157; Nov. 14.
Rails, Supporting the meeting ends of railroad. W. H. Sharp. 2,150,041; Mar. 7.
Rain detecting means. J. Boone. 2,171,329; Aug. 29.
Rainfall, Measuring. R. L. Campbell. 2,176,886; Oct. 24.
Raisin cleaning method. E. E. Martin. 2,152,143; Mar. 28.
Rake. J. L. Owén. 2,156,480; May 2.
Rake. H. R. Slusher. 2,162,648; June 13.
Rake and carrier, Arm. A. Nissen. 2,180,544; Nov. 21.
Rake and hay stacker, Combination motorized sweep. D. E. and J. E. Van der Berg. 2,154,790; Apr. 18.
Rake and tedder, Combined side delivery. T. H. Oppenheim and H. Synck. 2,175,088; Oct. 3.
Rake and tedder mechanism. T. H. Oppenheim. 2,158,299; May 16.
Rake attachment for cultivators. F. Madden. 2,171,451; Aug. 29.
Rake, Buck. G. W. Gooch. 2,164,583; July 4.
Rake classifier. D. M. Wright. 2,155,748; Apr. 25.
Rake cleaner. L. B. Miller. 2,179,946; Nov. 14.
Rake cleaning device. T. J. Kelly. 2,183,278; Dec. 12.
Rake cleaning device. C. E. Powell and C. F. Wood. 2,168,238; Aug. 1.
Rake, Garden. N. Caramanico. 2,163,421; June 20.
Rake, Lawn mower. C. W. Baker. 2,143,402; Jan. 10.
Rake, Mulch. J. A. McKenzie. 2,146,264; Feb. 7.
Rake, Power operated sweep. J. H. Cope. 2,147,884; Feb. 21.
Rake, Reversible road. A. B. Wilson. 2,179,583; Nov. 14.

Rake, Self-clearing. B. E. Dubbs. 2,164,233; June 27.
Rake, Side delivery. F. D. Jones and H. Moschel. 2,162,506; June 13.
Rake, Sweep. K. C. Nicholas and D. T. Hodnett. 2,151,436; Mar. 21.
Rake tooth construction. C. F. Crumb and E. Mowry. 2,171,025; Aug. 29.
Raking apparatus. W. F. Potts. 2,178,288; Oct. 31.
Ram. F. W. Hecht. 2,165,141; July 4.
Ram for extrusion presses. C. W. Krause. 2,184,048; Dec. 19.
Ram, Gathering. H. R. Schutz. 2,150,637; Mar. 14.
Ram, Mechanical. G. W. Bowen. 2,182,245; Dec. 5.
Ram protector. T. F. Larsen. 2,175,964; Oct. 10.
Ramming device on the Diesel principle. M. Kiecksee. 2,167,983; Aug. 1.
Ramming machine. G. H. Schieferstein. 2,160,462; May 30.
Ramp for railway crossings, Retractable. W. E. Christie and O. Schroeder. 2,168,061; Aug. 1.
Ramp for the protection of hose pipes. G. A. Bainbridge. 2,166,516; July 18.
Rancidity in glyceride oils, Retarding. S. Musher. 2,176,031; Oct. 10.
Range. F. H. McCormick. 2,158,881; May 16.
Range. F. H. Schneider. 2,164,147; June 27.
Range. F. H. Schneider. 2,175,159; Oct. 3.
Range and refrigerator construction. J. Teller and A. P. Schulz. 2,150,300; Mar. 14.
Range and table, Combination. H. M. Herrin. 2,162,012; June 13.
Range and view finder. E. S. Hineline. 2,178,857; Nov. 7.
Range and view finder and camera mechanism functionally equipped therewith. E. S. Hineline. 2,167,435; July 25.
Range and view finder, Combination. E. S. Hineline. 2,179,851; Nov. 14.
Range and view finder system for cameras. J. Mihalyi. 2,153,198; Apr. 4.
Range base. S. Klute. 2,171,852; Sept. 5.
Range, Coal. A. R. Pierce. 2,154,008; Apr. 11.
Range, Combination. H. T. Burrow. 2,147,331; Feb. 14.
Range construction. G. H. Brown. 2,154,724; Apr. 18.
Range construction, Cooking. R. J. Merritt. 2,158,550; May 16.
Range construction, Gas. A. Stockstrom and A. H. Brodbeck. 2,161,537; June 6.
Range, Cooking. T. E. Taylor. 2,174,852; Oct. 3.
Range, Cooking. J. A. Underwood. 2,159,575; May 23.
Range, Electric. O. M. Anderson. 2,180,657; Nov. 21.
Range finder. E. Armbruster. 2,167,229; July 25.
Range finder. D. P. Bennett. 2,159,199; May 23.
Range finder. I. E. Mather. 2,164,463; July 4.
Rangefinder and like optical measuring instrument. J. W. French. 2,164,107; June 27.
Range finder and view finder, Combined. L. Leitz. 2,151,124; Mar. 21.
Range finder with variable base, Single station. O. Eppenstein. 2,172,098; Sept. 5.
Range, Gas. J. E. Chambers. 2,180,862; Nov. 21.
Range, Gas. W. H. Frick. 2,175,629; Oct. 10.
Range, Gas. S. H. Hobson. 2,153,086; Apr. 4.
Range, Gas. H. W. O'Dowd. 2,169,660; Aug. 15.
Range or stove, Cooking. F. T. Agricola. 2,143,640; Jan. 10.
Range or stove having burner chambers for oil burners. H. L. Gere. 2,150,681; Mar. 14.
Range structure. C. T. McGlone. 2,143,994; Jan. 17.
Ranges, Heat utilizing appliance for. J. J. Bradley. 2,151,262; Mar. 21.
Rat trap. L. C. Heidinger. 2,168,065; Aug. 1.
Rat trap. J. Potts. 2,149,311; Mar. 7.
Ratchet and pawl mechanism. E. G. Gartin. 2,153,556; Apr. 11.
Ratchet mechanism. H. H. Harada. 2,153,084; Apr. 4.
Ratchet mechanism, Double-acting. J. W. Price, Jr. 2,160,753; May 30.
Ratchet mechanism for winches. C. C. Martin. 2,165,756; July 11.
Ratchet wrench. E. M. Padgett. 2,153,988; Apr. 11.
Ratchet wrench. T. O. Rueb. 2,174,502; Sept. 26.
Rate of climb indicator. R. H. Archbald. 2,171,298; Aug. 29.
Rate of climb indicator. J. E. Bevins. 2,147,962; Feb. 21.
Rate of climb indicator. P. W. Koch. 2,159,703; May 23.
Rate of climb indicator. G. V. Rylsky. 2,147,108; Feb. 14.
Rate of climb indicator. A. E. Sidwell. 2,142,338; Jan. 3.
Rate of strain indicator. R. B. Lewis. 2,164,993; July 4.
Ratio transmission device, Variable. G. T. Pfleger. 2,170,212; Aug. 22.
Ratio transmission, Variable. O. E. Szekely. 2,149,320; Mar. 7.
Ration, Concentrated emergency. P. P. Logan. 2,176,086; Oct. 17.
Rattle. A. Zadek. 2,159,874; May 23.
Ray deflecting apparatus, Cathode. J. R. Duncan. 2,168,978; Aug. 8.
Ray deflection apparatus, Cathode. H. O. Roosenstein and H. Hewel. 2,153,643; Apr. 11.
Ray deflection apparatus, Cathode. H. O. Roosenstein and H. Hewel. 2,161,977; June 13.
Ray discharge device, Multicathode. M. S. Glass and D. A. S. Hale. 2,170,944; Aug. 29.
Rayon crepes and their method of manufacture. A. Moscowitz. 2,151,711; Mar. 28.
Rayon, Manufacture of cuprammonium. F. J. Samerdyke. 2,157,148; May 9.
Rayon packages, Means for use in spinning and in liquid-treating tubular. C. A. Huttinger. 2,158,581; May 16.
Rayon, Sizing of. E. von Lippmann. 2,182,887; Dec. 12.
Rayon spin baths, Clarification of. R. B. Booth. 2,153,449; Apr. 4.
Rayon spinning apparatus. H. B. Kline. 2,156,296; May 2.
Rayon spinning machine funnel bracket. H. J. McDermott. 2,167,583; July 25.
Rayon spinning pump. G. M. Allen and H. J. McDermott. 2,142,597; Jan. 3.
Rayon structures and their preparation. G. P. Hoff and H. H. Parker. 2,154,204; Apr. 11.
Razor. L. Blumenthal. 2,143,643; Jan. 10.
Razor. E. Gruessner. 2,149,995; Mar. 7.
Razor. C. Livingston. 2,157,492; May 9.
Razor. W. J. Miller. 2,150,337; Mar. 14.
Razor. O. V. Rodrigues. 2,160,370; May 30.
Razor. O. V. Rodrigues. 2,167,032; July 25.
Razor. H. Ruskin. 2,161,981; June 13.
Razor. L. A. Young and J. M. Oldham. 2,156,559; May 2.
Razor adjustment device, Safety. H. W. Clapp. 2,149,421; Mar. 7.
Razor and blade therefor, Safety. G. C. Arey. 2,144,041; Jan. 17.
Razor and blade therefor, Safety. L. A. Young and J. M. Oldham. 2,155,749; Apr. 25.
Razor blade and holder therefor. J. E. Drew. 2,169,383; Aug. 15.
Razor blade holder. J. C. Brown. 2,164,050; June 27.
Razor blade holder. C. W. Collver. 2,143,053; Jan. 10.
Razor blade holder. J. J. Noreau, Jr. 2,172,680; Sept. 12.
Razor blade holder, Safety. A. Richstone. 2,182,354; Dec. 5.
Razor blade holder, Spent. L. Illmer. 2,148,989; Feb. 28.
Razor blade or other cutting edge. W. J. Hitchcock. 2,150,549; Mar. 14.
Razor blade package. C. C. Matheny. 2,149,176; Feb. 28.
Razor blade sharpening device. A. W. Blakely. 2,172,493; Sept. 12.
Razor, Electric. F. K. Schwarz. 2,166,025; July 11.
Razor, Mechanical. J. H. Rand, Jr., and A. M. Ross. 2,160,987; June 6.
Razor, Motor driven. B. R. Nyhagen. 2,163,406; June 20.
Razor, Safety. J. W. Ashworth. 2,161,403; June 6.
Razor, Safety. M. D. Brock. 2,174,617; Oct. 3.
Razor, Safety. A. S. Carlson. 2,145,860; Feb. 7.
Razor, Safety. A. S. Carlson. 2,176,887; Oct. 24.
Razor, Safety. H. V. Clausen. 2,151,265; Mar. 21.
Razor, Safety. B. E. Davis. 2,145,920; Feb. 7.
Razor, Safety. S. P. Enright. 2,146,947; Feb. 14.
Razor, Safety. J. C. Evans. 2,183,554; Dec. 19.
Razor, Safety. C. R. Fairey. 2,184,180; Dec. 19.
Razor, Safety. S. Ferich. 2,150,056; Mar. 7.
Razor, Safety. J. Long. 2,149,560; May 23.
Razor, Safety. A. A. Martin. 2,143,276; Jan. 10.
Razor, Safety. M. Patterson. 2,168,447; Aug. 8.
Razor, Safety. C. M. Rockwell. 2,162,388; June 13.
Razor, Safety. J.-B. R. Savary. 2,182,571; Dec. 5.
Razor, Safety. W. Wennmann. 2,169,574; Aug. 15.
Razor, Safety. T. Yoneta. 2,163,992; June 27.
Razor, Safety. R. E. Thompson and A. A. Martin. 2,182,649; Dec. 5.
Razor, Thermoelectric rotary. G. R. Ewald. 2,164,581; July 4.
Razor vending machine, Safety. J. Masip, A. Gandon, and J. Soler. 2,151,858; Mar. 28.
Razor with ribbon shaped blade, Safety. N. K. Fougner. 2,160,727; May 30.
Razors and blades. Device for sterilizing safety. M.-B. Strock. 2,177,815; Oct. 31.
Razors, Attachment for electric. B. H. Jean. 2,164,820; July 4.
Reach, Folding. W. H. Alexander. 2,151,343; Mar. 21.
Reaction products. Basic. H. A. Piggott and F. S. Statham. 2,163,807; June 27.
Reaction products of a meta-substituted phenol and formaldehyde. H. Hönel. 2,165,380; July 11.
Reaction product of a rosin ester and maleic anhydride and its preparation, Hydrogenated. I. W. Humphrey. 2,167,420; July 25.
Reaction products of 2-methyl-1,3-dichloro-propane and alcohols. G. H. Coleman and G. V. Moore. 2,148,437; Feb. 28.
Reaction products of 2-methyl-1,3-dichloro-propane and alcohols. G. H. Coleman and G. V. Moore. 2,153,513; Apr. 4.
Reactions with wire gauze catalysts, Apparatus for carrying out. O. Baader. 2,156,422; May 2.
Reading machine. R. H. Draeger. 2,163,593; June 27.
Reading machine. R. H. Draeger. 2,177,638; Oct. 31.
Reading matter holder. A. F. Osborn. 2,178,542; Nov. 7.
Reading stand. A. K. O'Meara. 2,156,225; Apr. 25.
Reagent and process for treating petroleum oils. P. R. Hershman. 2,153,560; Apr. 11.

Reagent used in simultaneous dyeing and degumming fabrics. H. H. Mosher. 2,169,881; Aug. 15.
Reamer. S. M. Akeyson. 2,184,108; Dec. 19.
Reamer. J. A. Zublin. 2,156,444; May 2.
Reamer body. O. Hammer. 2,168,017; Aug. 1.
Reamer construction. E. Koppl. 2,172,762; Sept. 12.
Reamer, Cylinder. J. L. Campbell. 2,152,954; Apr. 4.
Reamer, Expansible. J. Grant. 2,170,452; Aug. 22.
Reamer, Expansion. E. J. Pohlman. 2,145,370; Jan. 31.
Reamer for tobacco pipes. R. B. and M. D. Brinnon. 2,149,206; Feb. 28.
Rear vision mirror bracket. H. J. Sauer. 2,176,723; Oct. 17.
Rebound spring. C. E. Caestecker. 2,168,558; Aug. 8.
Recapping mold. E. A. Glynn. 2,147,339; Feb. 14.
Receiver, Ash. W. R. Schirmer. 2,152,285; Mar. 28.
Receiver, Automatic frequency control. D. E. Foster. 2,162,885; June 20.
Receiver, Battery-operated. P. F. G. Holst. 2,157,899; May 9.
Receiver control circuit. R. B. Armstrong. 2,171,639; Sept. 5.
Receiver, Ejected-bobbin. C. D. Brown. 2,178,517; Oct. 31.
Receiver for amplitude or phase modulated waves. M. G. Crosby. 2,158,276; May 16.
Receiver for electromagnetic waves. E. Kramar. 2,151,922; Mar. 28.
Receiver for frequency-modulated waves. K. Küpfmüller. 2,170,202; Aug. 22.
Receiver for observing two different signals. W. Runge. 2,157,677; May 9.
Receiver for ultra high frequency waves. R. A. Braden. 2,147,142; Feb. 14.
Receiver for ultrashort waves. E. Habann. 2,161,291; June 6.
Receiver for ultra-short waves. H. E. Hollmann. 2,169,358; Aug. 15.
Receiver, Frequency modulation. M. G. Crosby. 2,154,398; Apr. 14.
Receiver, Frequency modulation. M. G. Crosby. 2,163,747; June 27.
Receiver, Heterodyne. J. L. H. Jonker and A. J. W. M. Van Overbeek. 2,145,356; Jan. 31.
Receiver, Heterodyne. O. Wohlfarth and W. Patzschke. 2,171,679; Sept. 5.
Receiver, High frequency. E. Habann and F. Gerth. 2,147,813; Feb. 21.
Receiver, Multiband. N. P. Case. 2,168,193; Aug. 1.
Receiver, Multiple wave band. J. D. Reid. 2,150,562; Mar. 14.
Receiver, Multiwave band superheterodyne. W. R. Koch. 2,150,553; Mar. 14.
Receiver, Multiwave range. E. Zepler. 2,145,676; Jan. 31.
Receiver, Phase modulation. H. E. Goldstine. 2,165,252; July 11.
Receiver, Portable radio. E. F. McDonald, Jr. 2,164,251; June 27.
Receiver, Positional. A. Patin. 2,151,793; Mar. 28.
Receiver-relays, Two-position. B. E. Lenehan and A. W. Rogers. 2,144,498; Jan. 17.
Receiver, Short-wave. H. Tunick. 2,169,306; Aug. 15.
Receiver, Superheterodyne. K. Schlesinger. 2,147,556; Feb. 14.
Receiver, Superheterodyne. R. H. Siemens. 2,151,810; Mar. 28.
Receiver, Superheterodyne. T. J. Weyers. 2,171,678; Sept. 5.
Receiver, Superheterodyne. D. E. Foster and C. W. Finnigan. 2,162,884; June 20.
Receiver, Superregenerative. W. S. Percival. 2,171,148; Aug. 29.
Receiver, Television. K. Schlesinger. 2,147,554; Feb. 14.
Receiver with automatic frequency control. M. G. Crosby. 2,172,732; Sept. 12.
Receiver without transformer, Universal. P. Kapteyn. 2,162,350; June 13.
Receiving apparatus equipped with several loudspeakers. W. Mennerich. 2,148,994; Feb. 28.
Receiving apparatus for communication systems. W. P. Place. 2,156,702; May 2.
Receiving apparatus for communication systems. L. D. Whitelock. 2,166,274; July 18.
Receiving apparatus for direction finding. H. Scharlau. 2,169,742; Aug. 15.
Receiving circuit. B. D. H. Tellegen. 2,167,011; July 25.
Receiving device for castings. W. F. Eppensteiner. 2,184,519; Dec. 26.
Receiving system. F. Conrad. 2,151,747; Mar. 28.
Receiving system, Multiplex. W. L. Carlson and V. D. Landon. 2,151,081; Mar. 21.
Receiving system, High frequency. S. Becker. 2,148,287; Feb. 21.

Receptacle: *See*—
- Airtight receptacle.
- Bait receptacle.
- Burial receptacle.
- Card or certificate receptacle.
- Card receptacle.
- Combination receptacle.
- Combined switch and plug receptacle.
- Continuous base receptacle.
- Defect card receptacle.
- Dispensing receptacle.
- Display receptacle.
- Electric receptacle.
- Electrical receptacle.
- Folding packaging receptacle.
- Friction sealing receptacle.
- Fuse receptacle.
- Heat insulating receptacle.
- Heated receptacle.
- Liquid filtering receptacle.
- Metal receptacle.
- Metallic dispensing receptacle.
- Milk bottle receptacle.
- Pad receptacle.
- Paper receptacle.
- Pocket receptacle.
- Powder receptacle.
- Refuse receptacle.
- Reinforced receptacle.
- Sealed receptacle.
- Sheet metal receptacle.
- Shock-resisting receptacle.
- Soap receptacle.
- Table receptacle.
- Trash receptacle.
- Vacuum receptacle.
- Vending receptacle.
- Waste receptacle.

Receptacle. G. J. Bachmeyer. 2,142,488; Jan. 3.
Receptacle. F. A. Ball. 2,170,525; Aug. 22.
Receptacle. I. Blechman. 2,153,545; Apr. 11.
Receptacle. I. Blechman. 2,183,131; Dec. 12.
Receptacle. H. E. Graham. 2,179,624; Nov. 14.
Receptacle. A. L. Kuhlman. 2,175,472; Oct. 10.
Receptacle. C. J. Lagerholm. 2,173,970; Sept. 26.
Receptacle. A. Legge. 2,162,224; June 13.
Receptacle. H. D. MacDonald. 2,161,715; June 6.
Receptacle. J. P. Markert. 2,178,967; Nov. 7.
Receptacle. C. A. McBride. 2,162,629; June 13.
Receptacle. A. F. Wallbillich. 2,163,722; June 27.
Receptacle. F. Conlon and E. W. Suvanto. 2,144,329; Jan. 17.
Receptacle. H. Negbaur and R. Nyden. 2,155,613; Apr. 25.
Receptacle and blank therefor, Paper. V. E. Heywood. 2,144,456; Jan. 17.
Receptacle and brush holder. F. F. Roehm. 2,150,784; Mar. 14.
Receptacle and carrier therefor. H. L. Olsen. 2,177,993; Oct. 31.
Receptacle and cigarette maker, Combination tobacco. A. J. Plaman, J. Thompson, and O. Hovden. 2,167,773; Aug. 1.
Receptacle and closure cap therefor. L. Burrell and R. K. Miner. 2,168,321; Aug. 8.
Receptacle and closure, Panel. J. Visser. 2,155,962; Apr. 25.
Receptacle and closure therefor. W. Lockhart. 2,159,390; May 23.
Receptacle and closure therefor. W. Lockhart. 2,162,664; June 13.
Receptacle and closure therefor. A. L. Merolle. 2,160,704; May 30.
Receptacle and closure therefor, Metallic. W. Lockhart. 2,162,663; June 13.
Receptacle and forming the same. H C. Aument. 2,169,864; Aug. 15.
Receptacle assembly, Ash. J. Visser. 2,162,142; June 13.
Receptacle cleaning machine. S. R. Howard. 2,172,509; Sept. 12.
Receptacle closure. A. L. Merolle. 2,170,386; Aug. 22.
Receptacle closure. I. Panter. 2,172,544; Sept. 12.
Receptacle closure. J. H. Rese. 2,172,452; Sept. 12.
Receptacle cover. R. G. Curtis. 2,172,761; Sept. 12.
Receptacle filling device. A. J. Lippold. 2,171,757; Sept. 5.
Receptacle filling machine. S. R. Howard. 2,146,072; Feb. 7.
Receptacle filling machine. I. I. Kotcher. 2,167,894; Aug. 1.
Receptacle for cooling and transporting liquids. J. R. Rose. 2,148,278; Feb. 21.
Receptacle for crackers and the like, Sanitary. J. E. Stevens. 2,148,382; Feb. 21.
Receptacle for cylinder boring and honing operations, Collapsible. D. W. and S. H. Freborg. 2,143,912; Jan. 17.
Receptacle for liquids, Carbonating and dispensing. C. F. Lozon. 2,143,519; Jan. 10.
Receptacle for refrigerators, Food storage. J. L. Fletcher. 2,177,522; Oct. 24.
Receptacle for refrigerators, Food storage. C. Steenstrup. 2,177,540; Oct. 24.
Receptacle for switchboard indicating lamps. I. R. Latta. 2,156,995; May 2.
Receptacle for the utensils required when playing cards, especially bridge. H. König. 2,184,917; Dec. 26.
Receptacle holder. C. C. Di Vincenzo. 2,142,868; Jan. 3.
Receptacle holder. J. S. Mahan. 2,180,598; Nov. 21.
Receptacle holder. P. B. Richardson. 2,178,494; Oct. 31.
Receptacle indicator. W. S. Collens. 2,143,508; Jan. 10.
Receptacle or box. D. Meyer. 2,170,060; Aug. 22.
Receptacle support, Electric. W. S. Adelman. 2,161,841; June 13.
Receptacle with safety devices. L. P. Blakey. 2,176,387; Oct. 17.
Receptacles, Apparatus for filling liquid. E. L. Mayo. 2,154,175; Apr. 11.
Receptacles, Making. E. R. MacDonald and E. S. Irelan. 2,157,794; May 9.
Receptacles, Making coupon. G. W. Poppe. 2,183,247; Dec. 12.
Receptacles, Method and apparatus for forming metallic. J. K. Matter and G. J. Horak. 2,160,975; June 6.
Receptacles, Method and apparatus for making metallic. H. W. Clark. 2,176,738; Oct. 17.

Receptacles such as tumblers and the like, Method of and apparatus for washing. V. W. Cunningham. 2,153,238; Apr. 4.
Recessing device. C. H. Woodcock. 2,166,923; July 18.
Reciprocating liquid pump. H. E. Rupp. 2,149,185; Feb. 28.
Reciprocating mechanism. W. Ferris. 2,182,745; Dec. 5.
Reciprocating mechanism for winding machine. P. P. Demay. 2,161,460; June 6.
Reciprocating piston engine. E. Bugatti. 2,151,835; Mar. 28.
Reciprocating pump. C. W. Stancliffe. 2,180,128; Nov. 14.
Reciprocating ram pump. J. M. and F. H. Towler. 2,168,850; Aug. 8.
Reciprocating ram pump. J. M. and F. H. Towler. 2,183,436; Dec. 12.
Reciprocating valve. H. A. Bohuslav. 2,180,347; Nov. 21.
Reclaiming apparatus. T. A. La Brecque. 2,159,994; May 30.
Reclaiming member and entrance guide for connectors. A. A. Berndt. 2,166,457; July 18.
Reclining chair. J. W. Campbell. 2,142,713–4; Jan. 3.
Reclining chair. T. D. Owler. 2,182,598; Dec. 5.
Reclining chair. J. A. Schauss. 2,181,345; Nov. 28.
Reclining chair. H. L. Schumpert. 2,170,509; Aug. 22.
Reclining chair. A. Wohlk. 2,143,098; Jan. 10.
Reclining chair. N. Zimtbaum. 2,146,520; Feb. 7.
Reclosing system for circuit breakers, Automatic. W. R. Taliaferro and R. R. Longwell. 2,151,812; Mar. 28.
Record. E. K. Bottle. 2,149,501; Mar. 7.
Record and making same, Sound. G. Holst and J. H. de Boer. 2,150,834; Mar. 14.
Record assembly, Continuous interleaved. J. Loweth. 2,149,530; Mar. 7.
Record assembly, Manifolding. E. K. Bottle. 2,149,500; Mar. 7.
Record bag, Industrial insurance. A. Bauch. 2,180,191; 14.
Record blank. H. E. Hofmann. 2,184,524; Dec. 26.
Record book and scoring device. T. E. Torkelson. 2,157,036; May 2.
Record changer for phonographs, Automatic. B. L. Cartmell. 2,148,531; Feb. 28.
Record controlled machine. A. E. Gray. 2,153,182; Apr. 4.
Record controlled machine. A. E. Gray. 2,156,979; May 2.
Record controlled machine. A. E. Gray. 2,165,254; July 11.
Record controlled machine. L. M. Keefe. 2,169,583; Aug. 15.
Record controlled machine. A. W. Mills. 2,181,998; Dec. 5.
Record-controlled machine. R. E. Page. 2,174,705; Oct. 3.
Record controlled machine. E. J. Rabenda. 2,153,208; Apr. 4.
Record controlled machine with improved serial number controls. G. F. Daly and A. H. Dickinson. 2,168,763; Aug. 8.
Record holder. C. J. Matysik. 2,172,665; Sept. 12.
Record in film, Mechanical sound. J. H. Rouse. 2,153,529; Apr. 4.
Record, Manifolding. D. J. Johnston. 2,143,625; Jan. 10.
Record, Phonograph. F. V. Paul. 2,170,090; Aug. 22.
Record receiving device. E. K. Bottle. 2,149,499; Mar. 7.
Record repeater. L. J. Andres. 2,177,764; Oct. 31.
Record resurfacing machine. J. E. Renholdt. 2,181,643; Nov. 28.
Record resurfacing machine, Phonograph. C. Huenlich. 2,184,368–9; Dec. 26.
Record resurfacing machine, Phonograph. C. T. Jacobs and L. Z. La Forest. 2,184,370; Dec. 26.
Record shaving machine, Phonograph. C. Huenlich. 2,184,366–7; Dec. 26.
Record shaving machine, Phonograph. R. M. Somers. 2,184,365; Dec. 26.
Record sheet and envelope, Combined manifold. J. J. Endres. 2,154,736; Apr. 18.
Record, Sound. G. L. Dimmick. 2,150,319; Mar. 14.
Record strip and registering and aligning the same, Superimposed. J. Q. Sherman. 2,149,316; Mar. 7.
Record, Subdued melody phonograph and accompaniment. K. Ross. 2,153,027; Apr. 4.
Record supplies, Continuous interleaved. E. K. Bottle. 2,149,502; Mar. 7.
Recorder. R. R. Chappell and R. B. Colt. 2,148,188; Feb. 21.
Recorder. R. F. Elder and L. F. Woodruff. 2,175,937; Oct. 10.
Recorder. E. A. Link, Jr. 2,179,663; Nov. 14.
Recorder and reproducer. A. P. Bloxsom. 2,154,722; Apr. 18.
Recorder apparatus. O. S. Peters. 2,170,505; Aug. 22.
Recorder, Automatic. D. H. Cameron. 2,181,867; Dec. 5.
Recorder, Drift. F. W. Lake and J. H. Wallace, Jr. 2,166,472; July 18.
Recorder, Electrical. O. Brunnert and E. Severin. 2,154,300; Apr. 11.
Recorder, Facsimile ink. N. E. Lindenblad. 2,157,549; May 9.
Recorder for a well drill, Depth. G. P. Mizell. Re. 21,297; Dec. 12.
Recorder, Impulse. M. C. Batsel. 2,165,777; July 11.
Recorder mechanism. G. W. Grisdale. 2,182,123; Dec. 5.
Recorder, Multiple. W. D. Anderson. 2,171,327; Aug. 29.
Recorder, Radio station. L. F. Woodruff. 2,157,584; May 9.
Recorder, Time and distance. F. S. Engel. 2,170,858; Aug. 29.
Recorder, Watch rate. C. H. Fetter and J. G. Matthews. 2,155,646; Apr. 25.
Recorder, Watch rating. B. J. McCleary. 2,158,468; May 16.
Recording and control system and apparatus therefor. T. R. Harrison. Re. 21,309; Dec. 26.
Recording and reproducing apparatus. J. J. Hardenberg. 2,169,143; Aug. 8.
Recording apparatus. H. F. Pfeiffer. 2,147,668; Feb. 21.
Recording apparatus. P. McJunkin. 2,176,433; Oct. 17.
Recording apparatus. A. T. Sigo. 2,153,317; Apr. 4.
Recording apparatus and method. R. D. Elliott. 2,170,857; Aug. 29.
Recording apparatus for color photography. J. E. Leonard. 2,146,634; Feb. 7.
Recording device. F. L. Pankau. 2,166,019; July 11.
Recording device. T. J. Nunan. 2,142,252; Jan. 3.
Recording device. C. L. Ross. 2,160,909; June 6.
Recording device. K. L. Tate. 2,176,777; Oct. 17.
Recording device. F. Trachsel. 2,168,965; Aug. 8.
Recording device, Self-winding. E. J. J. Henriksen. 2,160,734; May 30.
Recording head and process of recording. A. De Madaler and W. L. Woolf. 2,173,051; Sept. 12.
Recording instrument. J. D. Cunningham. 2,152,303; Mar. 28.
Recording instrument. K. Genschmer. 2,151,638; Mar. 21.
Recording instrument. G. E. Lindemann. 2,156,503; May 2.
Recording instrument. S. I. MacDuff. 2,146,378; Feb. 7.
Recording instrument. R. M. Rowell. 2,185,038; Dec. 26.
Recording instrument. A. F. Spitzglass and O. T. Handwerk. 2,152,333; Mar. 28.
Recording margin indicator, Automatic. G. L. Erickson and W. S. Daley. 2,173,534; Sept. 19.
Recording, Mechanical. J. H. de Boer. 2,163,087; June 20.
Recording mechanism. G. R. Pflasterer. 2,153,675; Apr. 11.
Recording mechanism for games. E. P. du Pont. 2,152,638; Apr. 4.
Recording mechanism for vehicles. J. M. Markley, Jr. 2,159,727; May 23.
Recording precipitation gauge. O. F. Nilsson. 2,151,866; Mar. 28.
Recording system. W. J. Albersheim and W. J. Sette. 2,157.880; May 9
Recording system. C. W. Hansell. 2,143,376; Jan. 10.
Recording system. L. C. Rayment. 2,159,533; May 23.
Recording system. M. L. Nelson and L. Johnston. 2,183,820; Dec. 19.
Recording system for telephone conversations. H. S. Heller. 2,165,546; July 11.
Recording system for telephones. K. R. Hyman. 2,176,346; Oct. 17.
Recording unit. C. J. Fitch and K. R. Schneider. 2,181,940; Dec. 5.
Records, Apparatus for selecting. C. C. McCain. 2,146,834; Feb. 14.
Records or talking motion pictures, Reproducing sound. F. Lierg. 2,164,828; July 4.
Recovering and separating apparatus. H. Boucher. 2,154,805; Apr. 18.
Recovery head for dehydrated concentrates, Pneumatic treating. A. K. Andrews. 2,153,033; Apr. 4.
Recovery process. D. J. Loder. 2,160,575; May 30.
Rectifier. K. E. Schimkus. 2,153,434; Apr. 4.
Rectifier. J. Slepian. 2,162,518; June 13.
Rectifier and circuit, Flat. J. Slepian and L. R. Ludwig 2,165,075; July 4.
Rectifier circuit. E. O. Roggenstein. 2,172,759; Sept. 12.
Rectifier, Cooled contact. C. C. Hein. 2,179.293; Nov. 7.
Rectifier, Diode. W. R. Koch. 2,157,856; May 9.
Rectifier, Dry. O. Geisler and H. Herrmann. 2,156,054; Apr. 25.
Rectifier, Fan-cooled. C. A. Kotterman. 2,143,919; Jan. 17.
Rectifier, Film type. C. B. Mirick. 2,162,740; June 20.
Rectifier for absorption refrigerators. C. C. Coons. 2,184,991; Dec. 26.
Rectifier, Grid control. C. C. Herskind. 2,169,876; Aug. 15.
Rectifier having light metal carrier electrodes, Selenium. F. Brunke and W. Koch. 2,175,873; Oct. 10.
Rectifier installation, Electrical. S. A. Stevens 2,159,537; May 23.
Rectifier, Mercury-vapor. J. G. Mulder. 2,146,345; Feb. 7.
Rectifier, Mercury-vapor. J. G. W. Mulder. 2,170,482; Aug. 22.
Rectifier of heavy electric current. P. Wangemann. 2,144,421; Jan. 17.

Rectifier plant, Dry. W. Kafka. 2,165,055; July 4.
Rectifier power unit and signal shaping arrangement for metallic telegraph circuits. G. L. Erickson. 2,172,277; Sept. 5.
Rectifier, Selenium. A. Lotz. 2,162,487; June 13.
Rectifier system. L. J. Hruska. 2,160,070; May 30.
Rectifier system. W. Leukert. 2,179,337; Nov. 7.
Rectifier system. R. A. Weagant. 2,171,677; Sept. 5.
Rectifier tube. J. Bruijnes, D. M. Duinker, and J. G. W. Mulder. 2,184,709; Dec. 26.
Rectifier tube. E. H. Reerink and M. J. Druyvesteyn. 2,170,034; Aug. 22.
Rectifier, Turbulence. R. S. McKeever. 2,145,425; Jan. 31.
Rectifiers, Arrangement for controlling. W. Leukert. 2,184,309; Dec. 26.
Rectifiers, Manufacture of alternating electric current. R. H. Cubitt. 2,172,576; Sept. 12.
Rectifiers, Manufacture of electrical. P. H. Dowling. 2,158,748; May 16.
Rectifiers or the like, Producing selenium. F. Brunke. 2,175,016; Oct. 3.
Rectifying apparatus. P. Peff. 2,175,360; Oct. 10.
Rectifying device. F. M. Penning. 2,182,736; Dec. 5.
Rectifying means for printing mechanism. M. Garbell. 2,165,923; July 11.
Recuperative soaking pit furnace. W. A. Morton and H. F. Spencer. 2,169,425; Aug. 15.
Recuperator for melting furnaces. W. H. Fitch. 2,152,546; Mar. 28.
Reducing-sugar product. D. P. Langlois. 2,169,051; Aug. 8.
Reducing valve. F. T. Harrington. 2,184,670; Dec. 26.
Reducing valve. C. J. Odend'hal. 2,155,170; Apr. 18.
Reduction. R. S. Butler. 2,168,081; Aug. 1.
Reduction furnace. W. E. Moore. 2,159,286; May 23.
Reduction gear. G. H. Acker. 2,147,391; Feb. 14.
Reduction gear. A. Chilton. 2,150,540; Mar. 14.
Reduction gear. R. Chilton. 2,144,607; Jan. 24.
Reduction gear. R. Chilton. 2,165,462; July 11.
Reduction gear. A. V. D. Willgoos. 2,168,814; Aug. 8.
Reduction mill. G. F. Ainsa. 2,171,526; Sept. 5.
Reduction products of bz-2, bz-2'-dihydroxydibenzanthrone and preparing the same. O. Stallmann. 2,183,625; Dec. 19.
Reduction with methanol. C. E. Andrews and M. R. Fenske. 2,156,217; Apr. 25.
Reed cushion lock. A. H. Noble. 2,144,462; Jan. 17.
Reed cushioning device. E. C. Smith. 2,151,488; Mar. 21.
Reed for accordions, Tunable. W. A. Bringe. 2,162,835; June 20.
Reed, Free spring metal. J. S. Hall. 2,172,972; Sept. 12.
Reed instrument, Bellows-operated. O. Heim. 2,162,382; June 13.
Reed instrument tuning device, Single. F. W. Anderberg. 2,180,383; Nov. 21.
Reed, Pitch band. W. H. Fish. 2,180,201; Nov. 14.
Reel: *See*—

Antenna reel.	Hand winding reel.
Automatic reel.	Metal reel.
Breaker reel.	Picture film reel.
Cable reel.	Pipe body stainless reel.
Cantilever winding reel.	Processing reel.
Clothesline reel	Rotary reel.
Drying reel.	Tape reel.
Film reel.	Winding reel.
Fishing reel.	Wire reel.
Garden hose reel.	Wire-transport reel.

Reel. C. B. Beasley. Re. 20,995; Feb. 7.
Reel. E. E. Berry. 2,142,777; Jan. 3.
Reel. G. A. Boswin. 2,159,469; May 23.
Reel. J. A. Coxe. 2,162,774; June 20.
Reel. H. J. Hogue. 2,145,087; Jan. 24.
Reel. L. E. Lovett. 2,167,662; Aug. 1.
Reel. H. C. Porter. 2,155,769; Apr. 25.
Reel. F. J. Samerdyke. 2,181,916; Dec. 5.
Reel. G. L. Tolliver. 2,178,192; Oct. 31.
Reel. W. A. Whittaker. 2,182,936; Dec. 12.
Reel and forming it. P. S. McCann. 2,152,522; Mar. 28.
Reel and stretcher. Clothesline. F. L. Humphrey. 2,172,907; Sept. 12.
Reel assembly. R. B. Kerr. 2,172,389; Sept. 12.
Reel attachment for hay mowers. J. Bellegante. 2,169,628; Aug. 15.
Reel construction. A. A. Bureau. 2,158,994; May 23.
Reel drum. H. C. Porter. 2,155,770; Apr. 25.
Reel, Fishing. F. A. King. 2,162,726; June 20.
Reel for clotheslines and the like. E. Latocha. 2,174,828; Oct. 3.
Reel for continuously winding threads. H. Dannenberg and P. Saffert. 2,153,685; Apr. 11.
Reel for drying thread or the like. L. J. Jordan and C. C. Walters. 2,173,001; Sept. 12.
Reel for fishlines. L. J. Wright. 2,150,477; Mar. 14.
Reel for gathering standing grain. J. S. Green. 2,177,317; Oct. 24.
Reel for tray ovens. W. E. Davis and W. Schonwald. 2,161,738; June 6.
Reel holder. J. H. Ram. 2,147,351; Feb. 14.
Reel mechanism for automatic multiple spindle screw machines, Stock. R. Eckardt. 2,178,114; Oct. 31.
Reel mounting. J. T. Wright. 2,142,582; Jan. 3.
Reel or spool. F. Mossberg and B. A. Johnson. 2,150,392; Mar. 14.
Reel seat. D. Howarth. 2,166,407; July 18.
Reel seat. K. D. Richards. 2,182,409; Dec. 5.
Reel support. F. Farmer. 2,148,065; Feb. 21.
Reeling mechanism. J. Jonassen. 2,184,744; Dec. 26.
Reels, Attachment for harvester. R. V. Wallace. 2,144,905; Jan. 24.
Reentrant clip. P. Zalkind. 2,184,829; Dec. 26.
Reference device. H. Terry. 2,181,440; Nov. 28.
Reference device. W. Walmsley. 2,148,092; Feb. 21.
Refining. E. J. Martin. 2,178,078; Oct. 31.
Refining. G. Thayer. 2,176,983; Oct. 24.
Refining apparatus. B. Clayton, W. B. Kerrick, H. M. Stadt, and B. H. Thurman. 2,150,797; Mar. 14.
Refining apparatus. G. F. Prigge. 2,146,651; Feb. 7.
Reflector. G. Dietz. 2,174,937; Oct. 3.
Reflector. A. F. Eckel. 2,181,725; Nov. 28.
Reflector. J. A. Hoeveler. 2,177,717; Oct. 31.
Reflector. R. I. Johns. 2,179,660; Nov. 14.
Reflector. M. Kaplowitz. 2,155,092; Apr. 18.
Reflector. J. L. Koubek. 2,172,659; Sept. 12.
Reflector. F. A. McGuire. 2,165,900; July 11.
Reflector. V. Parkins. 2,145,836; Jan. 31.
Reflector. C. A. Persons. 2,179,382; Nov. 7.
Reflector arrangement. E. Gerhard and H. Scharlau. 2,160,853; June 6.
Reflector, Automobile. F. Malaguti. 2,163,380; June 20.
Reflector bulb lamp. O. H. Biggs. 2,158,561; May 16.
Reflector bulb lamp. O. H. Biggs. 2,181,291–2; Nov. 28.
Reflector bulb lamp. O. H. Biggs and S. S. Davis. 2,181,295; Nov. 28.
Reflector button unit. J. R. Wald and G. Rodli. 2,177,920; Oct. 31.
Reflector, Deterioration resistant. J. R. Cain. 2,179,491; Nov. 14.
Reflector, Dumb-waiter. H. Dieckmann. 2,143,261; Jan. 10.
Reflector element. R. L. Tiger. 2,181,926; Dec. 5.
Reflector, Fire hydrant. L. R. Blackman and F. A. Nichols. 2,175,565; Oct. 10.
Reflector, Fire-hydrant. L. R. Blackman and F. A. Nichols. 2,175,567; Oct. 10.
Reflector for display cases. C. F. Hoffman. 2,149,768–9; Mar. 7.
Reflector for searchlights. F. R. Dietrich. 2,143,435; Jan. 10.
Reflector for vehicles, Side view. H. Turkel. 2,174,768; Oct. 3.
Reflector-heater with sheathed electric heating elements. C. Beaucolin. 2,161,793; June 13.
Reflector mounting. L. R. Blackman and F. A. Nichols. 2,175,566; Oct. 10.
Reflector mounting for bicycle axles. R. Pawsat. 2,151,485; Mar. 21.
Reflector, Nonglare. S. B. Hayden. 2,171,336; Aug. 29.
Reflector, Pedestrian. J. G. Rommel. 2,142,617; Jan. 3.
Reflector, Prismatic. T. W. Rolph. 2,175,067; Oct. 3.
Reflector, Rear view eyeglass. C. D. Comstock. 2,176,167; Oct. 17.
Reflector, Reflex. M. Kaplowitz. 2,155,093; Apr. 18.
Reflector, Road. R. R. Robertson. 2,142,803; Jan. 3.
Reflector, Sheet. W. F. Grote. 2,149,171; Feb. 28.
Reflector, Short wave. E. Gerhard. 2,181,181; Nov. 28.
Reflector signal. R. F. Holmes. 2,143,151; Jan. 10.
Reflecting apparatus for the observation of radiographic diascopic images. E. Morelli. 2,145,365; Jan. 31.
Reflecting device. C. A. Persons. 2,180,093; Nov. 14.
Reflecting electric lamp. C. Birdseye. 2,144,044; Jan. 17.
Reflecting electric lamp. C. Birdseye. 2,144,400; Jan. 17.
Reflecting sign. E. W. Menke. 2,142,571; Jan. 3.
Reflecting unit. E. Pascucci. 2,151,279; Mar. 21.
Reflection shooting procedure for the accurate determination of dip. L. W. Blau. Re. 20,192; Aug. 29.
Reflux distributor for gas liquid contact apparatus. C. S. Woodwell. 2,143,904; Jan. 17.
Reflux proportioner, Mechanically operated. T. M. Gunn. 2,182,378; Dec. 5.
Reflex with conical type back. J. L. Koubek. 2,172,660; Sept. 12.
Refractories, Method of and apparatus for producing. H. K. Rigdon. 2,144,852; Jan. 24.
Refractory. R. C. Benner and H. N. Baumann, Jr. 2,154,318; Apr. 11.
Refractory. G. E. Seil. 2,170,254; Aug. 22.
Refractory and making same. M. Schon and H. C. Be Ment. 2,156,608; May 2.
Refractory and method of making it. G. J. Easter and K. Brownell. 2,154,153; Apr. 11.
Refractory article. F. W. Higgins. 2,154,271; Apr. 11.
Refractory, High temperature. J. D. Morgan and R. E. Lowe. 2,158,035; May 9.
Refractory material. A. F. Greaves-Walker and R. L. Stone. 2,155,858; Apr. 25.
Refractory material, Production of. R. C. Benner and J. C. McMullen. 2,164,635; July 4.
Refractory, Zirconia zircon silicon. J. D. Morgan. 2,179,982; Nov. 14.
Refreshment bar, Private. C. Hardy. 2,166,633; July 18.
Refrigerant circulation. W. H. Carrier. 2,168,438; Aug. 8.
Refrigerant distribution. W. A. Grant. 2,168,404; Aug. 8.
Refrigerant distributor for cooling units. F. D. Gowans. 2,182,664; Dec. 5.

Refrigerant from frozen foods, Separating. R. B. Taylor. 2,172,418; Sept. 12.
Refrigerated cabinet. S. V. Swanson. 2,168,007; Aug. 1.
Refrigerated case. C. F. Hoffman. 2,175,396; Oct. 10.
Refrigerated case. R. H. Starr, C. Masters, and C. K. Litman. 2,152,291; Mar. 28.
Refrigerated cutting block apparatus, Detachable. B. B. Smith. 2,156,795; May 2.
Refrigerated display stand. C. I. Justheim. 2,178,042; Oct. 31.
Refrigerating and water heating apparatus, Combined. L. F. Whitney. 2,174,302; Sept. 26.
Refrigerating and water heating apparatus, Combined. L. F. and W. E. Whitney. 2,161,214; June 6.
Refrigerating and water heating unit and cabinet therefor, Combined. L. F. and W. E. Whitney. 2,174,299; Sept. 26.
Refrigerating apparatus. E. L. Anderson and J. Engalitcheff, Jr. 2,182,718; Dec. 5.
Refrigerating apparatus. R. E. Baker. 2,167,036; July 25.
Refrigerating apparatus. J. J. Bauman. 2,171,517; Sept. 5.
Refrigerating apparatus. W. L. Beebe. 2,176,289; Oct. 17.
Refrigerating apparatus. C. B. Boles. 2,160,453; May 30.
Refrigerating apparatus. C. B. Boles. 2,181,416; Nov. 28.
Refrigerating apparatus. L. B. M. Buchanan. 2,169,554; Aug. 15.
Refrigerating apparatus. L. B. M. Buchanan. 2,174,776; Oct. 3.
Refrigerating apparatus. D. O. Cameron. 2,157,590; May 9.
Refrigerating apparatus. R. R. Candor. 2,185,022; Dec. 26.
Refrigerating apparatus. H. F. Clark. 2,143,620; Jan. 10.
Refrigerating apparatus. E. P. Codling. 2,184,285; Dec. 26.
Refrigerating apparatus. F. Conrad. 2,148,412; Feb. 21.
Refrigerating apparatus. J. A. Conrady. 2,166,677; July 18.
Refrigerating apparatus. L. S. Cooper. 2,159,928; May 23.
Refrigerating apparatus. H. E. Cossin. 2,161,912; June 13.
Refrigerating apparatus. J. W. Craig. 2,182,312; Dec. 5.
Refrigerating apparatus. D. E. Dasher. 2,146,796–7; Feb. 14.
Refrigerating apparatus. D. E. Dasher. 2,174,623; Oct. 3.
Refrigerating apparatus. R. W. Doeg. 2,165,620; July 11.
Refrigerating apparatus. C. E. Dunz. 2,167,264; July 25.
Refrigerating apparatus. F. R. Erbach and R. H. Swart. 2,158,793; May 16.
Refrigerating apparatus. R. N. Feicht. 2,171,110; Aug. 29.
Refrigerating apparatus. A. Flukes. 2,150,369; Mar. 14.
Refrigerating apparatus. C. J. Gibson and J. Touborg. 2,158,718; May 16.
Refrigerating apparatus. J. L. Gibson. Re. 21,040; Apr. 4.
Refrigerating apparatus. R. E. Gould. 2,157,754; May 9.
Refrigerating apparatus. R. E. Gould. 2,158,540; May 16.
Refrigerating apparatus. W. J. Harbers. 2,152,691; Apr. 4.
Refrigerating apparatus. R. W. Hastings. 2,165,480; July 11.
Refrigerating apparatus. D. P. Heath. 2,161,293; June 6.
Refrigerating apparatus. K. W. Henderson. 2,180,237; Nov. 14.
Refrigerating apparatus. C. F. Henney. 2,158,367; May 16.
Refrigerating apparatus. C. F. Henney. 2,160,733; May 30.
Refrigerating apparatus. C. F. Henney. 2,166,906 July 18.
Refrigerating apparatus. G. F. Hofferberth and W. H. Teeter. 2,169,419; Aug. 15.
Refrigerating apparatus. E. F. Hubacker. 2,153,371; Apr. 4.
Refrigerating apparatus. E. Hughes. 2,146,505; Feb. 7.
Refrigerating apparatus. H. B. Hull. 2,145,354; Jan. 31.
Refrigerating apparatus. H. B. Hull. 2,150,224; Mar. 14.
Refrigerating apparatus. H. B. Hull. 2,155,831; Apr. 25.
Refrigerating apparatus. H. B. Hull. 2,161,297; June 6.
Refrigerating apparatus. H. B. Hull and A. A. McCormack. 2,158,542; May 16.
Refrigerating apparatus. M. Kalischer. 2,166,158; July 18.
Refrigerating apparatus. A. D. Karr. 2,161,059; June 6.
Refrigerating apparatus. E. L. Kastler. 2,181,898; Dec. 5.
Refrigerating apparatus. M. W. Kenney. 2,159,898; May 23.
Refrigerating apparatus. J. Kirgan. 2,155,664; Apr. 25.
Refrigerating apparatus. J. Kirgan. 2,183,615; Dec. 19.
Refrigerating apparatus. A. A. Kucher. 2,161,420–1; June 6.
Refrigerating apparatus. A. A. Kucher. 2,168,367; Aug. 8.
Refrigerating apparatus. A. A. Kucher. 2,169,763; Aug. 15.
Refrigerating apparatus. A. A. Kucher. 2,169,919; Aug. 15.
Refrigerating apparatus. A. A. Kucher. 2,177,663; Oct. 31.
Refrigerating apparatus. A. A. Kucher. 2,178,511; Oct. 31.
Refrigerating apparatus. A. A. Kucher. 2,180,472; Nov. 21.
Refrigerating apparatus. C. W. Kuhn. 2,174,037; Sept. 26.
Refrigerating apparatus. J. M. Labberton and L. R. Smith. 2,148,413; Feb. 21.
Refrigerating apparatus. J. A. MacLean. 2,178,398; Oct. 31.
Refrigerating apparatus. J. W. Martin. 2,152,967; Apr. 4.
Refrigerating apparatus. L. W. Melcher. 2,185,033–4; Dec. 26.
Refrigerating apparatus. R. K. Miller and R. R. Candor. 2,159,748; May 23.
Refrigerating apparatus. E. B. Newill. 2,182,318; Dec. 5.
Refrigerating apparatus. C. L. Paulus. 2,155,351; Apr. 18.
Refrigerating apparatus. G. C. Pearce. 2,169,989; Aug. 15.
Refrigerating apparatus. L. E. Perrine and C. L. Paulus. 2,151,987; Mar. 28.
Refrigerating apparatus. L. A. Philipp. 2,146,484; Feb. 7.
Refrigerating apparatus. L. A. Philipp. 2,155,059; Apr. 18.
Refrigerating apparatus. L. A. Philipp. 2,157,012; May 2.
Refrigerating apparatus. L. A. Philipp. 2,165,505; July 11.
Refrigerating apparatus. L. A. Philipp. 2,166,506; July 18.
Refrigerating apparatus. L. A. Philipp. 2,166,908; July 18.
Refrigerating apparatus. L. A. Philipp. 2,172,129; Sept. 5.
Refrigerating apparatus. L. A. Philipp. 2,175,914; Oct. 10.
Refrigerating apparatus. L. A. Philipp and N. J. Bohn. 2,150,700; Mar. 14.
Refrigerating apparatus. F. R. Pierce. 2,168,537; Aug. 8.
Refrigerating apparatus. O. I. Price. Re. 20,189; Aug. 29.
Refrigerating apparatus. B. F. Randel. 2,152,663; Apr. 4.
Refrigerating apparatus. D. H. Reeves. 2,154,356; Apr. 11.
Refrigerating apparatus. E. F. Schweller. 2,169,198; Aug. 8.
Refrigerating apparatus. S. M. Schweller. 2,166,707; July 18.
Refrigerating apparatus. S. M. Schweller. 2,182,824; Dec. 12.
Refrigerating apparatus. E. C. Sittler and R. S. Gaugler. 2,152,157; Mar. 28.
Refrigerating apparatus. H. F. Smith. 2,142,828; Jan. 3.
Refrigerating apparatus. H. F. Smith. 2,158,090; May 16.
Refrigerating apparatus. H. F. Smith. 2,161,321; June 6.
Refrigerating apparatus. H. F. Smith. 2,164,842; July 4.
Refrigerating apparatus. H. F. Smith. 2,167,394; July 25.
Refrigerating apparatus. H. F. Smith. 2,169,746; Aug. 15.
Refrigerating apparatus. H. F. Smith. 2,177,306; Oct. 24.
Refrigerating apparatus. H. E. Smith. 2,181,213; Nov. 28.
Refrigerating apparatus. N. J. Smith. 2,151,995; Mar. 28.
Refrigerating apparatus. N. J. Smith. 2,175,946; Oct. 10.
Refrigerating apparatus. J. M. Staggs. 2,156,668; May 2.
Refrigerating apparatus. C. A. Stickel. 2,149,799; Mar. 7.
Refrigerating apparatus. A. T. Stock. 2,143,961; Jan. 17.
Refrigerating apparatus. C. C. Thomas. 2,148,787; Feb. 28.
Refrigerating apparatus. G. M. Troup. 2,147,508; Feb. 14.
Refrigerating apparatus. D. D. Wile. 2,177,852; Oct. 31.
Refrigerating apparatus. E. R. Wolfert. 2,167,018; July 25.
Refrigerating apparatus. G. F. Zellhoefer. 2,142,960; Jan. 3.
Refrigerating apparatus, Absorption. R. S. Nelson. 2,178,603; Nov. 7.
Refrigerating apparatus and making same. J. Karmazin. 2,146,823; Feb. 14.

Refrigerating apparatus and method. C. M. Ashley. 2,164,761; July 4.
Refrigerating apparatus and method. L. A. Philipp. 2,150,699; Mar. 14.
Refrigerating apparatus and method. B. F. Randel. 2,173,136; Sept. 19.
Refrigerating apparatus, Compression. R. Hintze. 2,156,628; May 2.
Refrigerating apparatus control. W. J. Pritchard. 2,161,312; June 6.
Refrigerating apparatus, Control means for. F. H. Hibberd. 2,143,555; Jan. 10.
Refrigerating apparatus for heating and cooling, Reversible. J. M. Labberton. 2,148,415; Feb. 21.
Refrigerating apparatus for vending machines and the like. J. T. Smith. 2,160,760; May 30.
Refrigerating apparatus of the compression type. R. Hintze. 2,161,960; June 13.
Refrigerating apparatus of the compression type. R. Hintze. 2,177,827; Oct. 31.
Refrigerating apparatus of the compressor type, Device for facilitating the starting of. R. Hintze. 2,164,405; July 4.
Refrigerating condensing unit. E. Gygax. 2,178,100; Oct. 31.
Refrigerating control device. R. E. Stolz and G. V. Woodling. 2,165,519; July 11.
Refrigerating device. C. T. Sorensen. 2,184,322; Dec. 26.
Refrigerating device. H. C. Williamson. 2,160,609; May 30.
Refrigerating delivery vehicle. B. L. Hartz. 2,168,018; Aug. 1.
Refrigerating device for bottled beverages. F. E. Hazard. 2,177,137; Oct. 24.
Refrigerating display case. M. G. Valade. 2,150,195; Mar. 14.
Refrigerating lettuce and the like. W. W. Dodge. Re
Refrigerating machine. L. W. Atchison and J. L. Fletcher. 2,180,974; Nov. 21.
Refrigerating machine. W. E. Johnson. 2,178,425; Oct. 31.
Refrigerating machine. M. G. Robinson. 2,151,564–5; Mar. 21.
Refrigerating machine. M. G. Robinson. 2,156,096; Apr. 25.
Refrigerating machine. R. C. Warneke. 2,178,445; Oct. 31.
Refrigerating mechanism. G. Muffly. 2,145,775–7; Jan. 31.
Refrigerating method. C. H. Doyle. 2,146,058; Feb. 7.
Refrigerating method and apparatus. W. Jones. 2,145,692; Jan. 31.
Refrigerating pad. C. E. Hadsell. 2,154,933; Apr. 18.
Refrigerating plant. S. J. B. Whited. 2,142,163; Jan. 3.
Refrigerating system. L. Buehler, Jr. 2,180,456; Nov. 21.
Refrigerating system. F. E. Cobb. 2,144,794; Jan. 24.
Refrigerating system. W. W. Higham. 2,160,018; May 30.
Refrigerating system. E. Kägi. 2,154.905; Apr. 18.
Refrigerating system. M. W. Kenney and A. R. Constantine. 2,178,373; Oct. 31.
Refrigerating system. P. Okey. 2,163,054; June 20.
Refrigerating system. R. F. Peo. 2,162,537; June 13.
Refrigerating system. P. Schlumbohm. 2,181,851; Nov. 28.
Refrigerating system. L. H. Vold. 2,159.187; May 23
Refrigerating system. C. W. Vollmann. 2,143,637; Jan. 10.
Refrigerating system. L. F. Whitney. 2,174,301; Sept. 26.
Refrigerating system. L. F. Whitney. 2,180,447; Nov. 21.
Refrigerating system. W. E. Whitney. 2,166,191; July 18.
Refrigerating system, Absorption. C. C. Coons. 2,178,560–1; Nov. 7.
Refrigerating system, Absorption. R. S. Nelson. 2,156,953; May 2.
Refrigerating system, Absorption. R. S. Nelson. 2,167,903; Aug. 1.
Refrigerating system and apparatus. M. A. Martin. 2,150,233; Mar. 14.
Refrigerating system and control therefor. J. W. Cannon. 2,178,200; Oct. 31.
Refrigerating system, Conditioning an absorption. P. Schlumbohm. 2,144,441; Jan. 17.
Refrigerating system, Continuous absorption. C. C. Coons. 2,178,870; Nov. 7.
Refrigerating system, Ejector type. L. B. Miller and H. F. Dever. 2,175,443; Oct. 10.
Refrigerating systems, Controlling apparatus for. J. Kirgan, J. A. MacLean, and G. H. Woodard. 2,143,560; Jan. 10.
Refrigerating systems, Equalizing low pressure. L. Brown and G. B. Shaffer. 2,156,426; May 2.
Refrigerating unit. P. W. Des Roches. 2,161,667; June 6.
Refrigerating unit. J. E. Gorman. 2,150.276; Mar. 14.
Refrigerating unit. H. W. Hanson. 2,142.895; Jan. 3.
Refrigerating unit. M. A. Martin. 2,153,335; Apr. 4.
Refrigerating unit. H. Y. Stebbins. 2,180.915; Nov. 21.
Refrigerating unit. F. R. West. 2, 160,045; May 30.
Refrigerating unit, Portable. N. Morris. 2,159,907; May 23.
Refrigeration. S. W. E. Andersson. 2,150,411; Mar. 14.
Refrigeration. S. M. Bäckström. 2,154,258; Apr. 11.
Refrigeration. S. M. Bäckström. 2,164,730; July 4.
Refrigeration. J. G. Bergdoll. 2,158,716; May 16.
Refrigeration. H. K. Bergholm. 2,169,214; Aug. 15.
Refrigeration. L. B. Betz. 2,166,283; July 18.
Refrigeration. G. M. Blomqvist and S. F. Torstensson. 2,184,112; Dec. 19.
Refrigeration. R. R. Candor. 2,160,470; May 30.
Refrigeration. C. C. Coons. 2,184,993; Dec. 26.
Refrigeration. M. D. Coulter. 2,143,187–8; Jan. 10.
Refrigeration. A. G. Gross. 2,181,584; Nov. 28.
Refrigeration. G. Grubb. 2,165,138; July 4.
Refrigeration. G. Grubb. 2,170,656; Aug. 22.
Refrigeration. G. A. Grubb and G. M. Blomqvist. 2,172,442; Sept. 12.
Refrigeration. W. R. Hainsworth. 2,172,958; Sept. 12.
Refrigerator. C. E. Herman. 2,183,678; Dec. 19.
Refrigeration. W. G. Kögel. 2,146,076; Feb. 7.
Refrigeration. W. G. Kögel, P. Strandberg, and G. Grubb. 2,181,276; Nov. 28.
Refrigeration. A. A. Kucher. 2,178,020; Oct. 31.
Refrigeration. A. A. Kucher. 2,182,153; Dec. 5.
Refrigeration. W. A. Kuenzli. 2,146,077; Feb. 7.
Refrigeration. A. Lenning. 2,161,875; June 13.
Refrigeration. R. E. Lyford. 2,167,663; Aug. 1.
Refrigeration. E. S. Lynger. 2,181,376; Nov. 28.
Refrigeration. M. H. McMechan. 2,167,667; Aug. 1.
Refrigeration. C. G. Munters. 2,150,181; Mar. 14.
Refrigeration. R. S. Nelson and C. C. Coons. 2,156,954; May 2.
Refrigeration. E. T. P. Neubauer and A. B. Newton. 2,150,076; Mar. 7.
Refrigeration. C. E. Ploeger. 2,169,284; Aug. 15.
Refrigeration. C. E. Ploeger. 2,178,807; Nov. 7.
Refrigeration. E. L. Schellens and W. I. Hamby. 2,177,880; Oct. 31.
Refrigeration. D. G. Smellie. 2,181,591; Nov. 28.
Refrigeration. P. Strandberg. 2,147,066; Feb. 14.
Refrigeration. P. Strandberg. 2,169,820; Aug. 15.
Refrigeration. A. R. Thomas. 2,145,063; Jan. 24.
Refrigeration. A. R. Thomas. 2,163,815; June 27.
Refrigeration. A. R. Thomas. 2,167,697; Aug. 1.
Refrigeration. A. R. Thomas. 2,171,815; Sept. 5.
Refrigeration. A. R. Thomas. 2,177,503; Oct. 24.
Refrigeration. A. R. Thomas. 2,182,934; Dec. 12.
Refrigeration. A. R. Thomas. 2,182,997; Dec. 12.
Refrigeration. H. M. Ullstrand. 2,146,078; Feb. 7.
Refrigeration. H. M. Ullstrand. 2,151,451; Mar. 21.
Refrigeration. H. M. Ullstrand. 2,184,726; Dec. 26.
Refrigeration. H. M. Ullstrand and A. R. Thomas. 2,164,045; June 27.
Refrigeration. B. C. von Platen and C. G. Munters. Re. 20,978; Jan. 10.
Refrigeration. L. F. Whitney. 2,174,300; Sept. 26.
Refrigeration. N. Widell. 2,181,221; Nov. 28.
Refrigeration. N. Widell. 2,181,528; Nov. 28.
Refrigeration. G. F. Zellhoefer. 2,149,947; Mar. 7.
Refrigeration, Absorption. C. C. Coons. 2,152,241; Mar. 28.
Refrigeration, Absorption. C. C. Coons. 2,181,561; Nov. 28.
Refrigeration and absorbent therefor. H. F. Smith and C. E. Waring. 2,185,040; Dec. 26.
Refrigeration and brine composition therefor. F. W. Binns. 2,180,624; Nov. 21.
Refrigeration apparatus. C. F. Alsing. 2,167,442; July 25.
Refrigeration apparatus. W. B. Anderson. 2,143,170; Jan. 10.
Refrigeration apparatus. W. B. Anderson. 2,159.417; May 23.
Refrigeration apparatus. L. D. Burch. 2,171,621; Sept. 5.
Refrigeration apparatus. G. F. Forsthoefel. Re. 21,178; Aug. 22.
Refrigeration apparatus. G. F. Forsthoefel. 2,166.628; July 18.
Refrigeration apparatus. C. L. Imus. 2,174,584; Oct. 3.
Refrigeration apparatus. M. Kalischer. 2,173,082; Sept. 12.
Refrigeration apparatus. G. S. McCloy. 2,181,856; Nov. 28.
Refrigeration apparatus. J. N. Saler. 2,143,169; Jan. 10.
Refrigeration apparatus. W. M. Saunders. 2,181,636; Nov. 28.
Refrigeration apparatus. L. C. Smith. 2,154,874; Apr. 18.
Refrigeration apparatus. R. H. Tull and B. J. Homkes. 2,155,516; Apr. 25.
Refrigeration apparatus. B. R. Vancott. 2,144,248; Jan. 17.
Refrigeration apparatus and method. C. F. Alsing. 2,183,343; Dec. 12.
Refrigeration apparatus and method. W. B. Anderson and G. S. McCloy. 2,181,854; Nov. 28.
Refrigeration apparatus and method. L. B. M. Buchanan. 2,183,346; Dec. 12.
Refrigeration apparatus and method. R. C. Cosgrove. 2,167,447; July 25.
Refrigeration apparatus and method. E. R. Wolfert. 2,180,493; Nov. 21.

Refrigeration, Apparatus for controlling. F. A. Schmidt. 2,143,902; Jan. 17.
Refrigeration, Apparatus for effecting. E. T. Turner. 2,151,948; Mar. 28.
Refrigeration control. F. P. Peiserich and C. F. Bielenberg. 2,185,107; Dec. 26.
Refrigeration control system. W. L. McGrath. 2,166,602; July 18.
Refrigeration control system. H. A. Phillips. 2,164,681; June 27.
Refrigeration distribution apparatus and system. B. C. Shipman. 2,148,969; Feb. 28.
Refrigeration machine, Continuous absorption. A. Bikkers. 2,173,294; Sept. 19.
Refrigerating machine, Diffusion. G. Maiuri. 2,153,020; Apr. 4.
Refrigeration method. G. S. McCloy. 2,181,855; Nov. 28.
Refrigeration method and apparatus. R. T. Brizzolara. 2,159,251; May 23.
Refrigeration, Method and apparatus for producing. R. W. Waterfill. 2,175,163; Oct. 3.
Refrigeration, Method of and apparatus for. D. H. Killeffer. 2,175,267; Oct. 10.
Refrigeration, Method of and apparatus for. G. Lieb and E. Rogowski. 2,142,856; Jan. 3.
Refrigeration processes and compositions. H. W. Daudt. 2,146,884; Feb. 14.
Refrigeration system. J. R. Chamberlain. 2,158,403; May 16.
Refrigeration system. W. R. Miller. 2,179,700; Nov. 14
Refrigeration system. L. G. Morse and B. B. D'Ewart. 2,155,144; Apr. 18.
Refrigeration system. H. W. Nevin. 2,163,799; June 27.
Refrigeration system. J. A. Shifflett. 2,169,664; Aug. 15.
Refrigeration system, Absorption. C. C. Coons. 2,184,992; Dec. 26.
Refrigeration system, Operating a compression. P. Schlumbohm. 2,174,482; Sept. 26.
Refrigerator. S. M. Bäckström. 2,173,150; Sept. 19.
Refrigerator. S. M. Bäckström. 2,182,273; Dec. 5.
Refrigerator. H. H. Bixler. 2,154,299; Apr. 11.
Refrigerator. H. H. Bixler. 2,166,791; July 18.
Refrigerator. W. D. Collins. 2,158,274; May 16.
Refrigerator. W. D. Collins and A. E. Nave. 2,161,852; June 13.
Refrigerator. A. R. Constantine. 2,149,114; Feb. 28.
Refrigerator. A. R. Constantine and M. W. Kenney. 2,182,962; Dec. 12.
Refrigerator. G. L. C. Earle. 2,180,460; Nov. 21.
Refrigerator. G. Grubb. 2,148,983; Feb. 28.
Refrigerator. G. Grubb. 2,171,745; Sept. 5.
Refrigerator. W. Hirche. Re. 21,033; Mar. 21.
Refrigerator. M. Hokanson. 2,163,322; June 20.
Refrigerator. R. John and E. R. Boots. 2,150,064; Mar. 7.
Refrigerator. C. I. Justheim. 2,170,332; Aug. 22.
Refrigerator. W. A. Kuenzli. 2,177,072; Oct. 24.
Refrigerator. G. G. Lennmor. 2,148,991; Feb. 28.
Refrigerator. A. Lieberman. 2,172,284; Sept. 5.
Refrigerator. C. E. Quinn. 2,142,083; Jan. 3.
Refrigerator. J. C. Rear. 2,146,850; Feb. 14.
Refrigerator. H. H. Roark. 2,182,003; Dec. 5.
Refrigerator. D. Roberts. 2,145,892; Feb. 7.
Refrigerator. A. C. Shuart. 2,172,458; Sept. 12.
Refrigerator. A. C. Shuart. 2,178,815; Nov. 7.
Refrigerator. H. J. Smith. 2,180,071; Nov. 14.
Refrigerator. W. E. Snipes, Sr. 2,156,201; Apr. 25.
Refrigerator. C. Steenstrup. 2,169,115; Aug. 8.
Refrigerator. D. W. Sutherland. 2,149,821; Mar. 7.
Refrigerator. T. Ternstrom. 2,180,177; Nov. 14.
Refrigerator. P. Vassallo. 2,142,464; Jan. 3.
Refrigerator. A. A. Vicek. 2,153,682; Apr. 11.
Refrigerator. J. H. Ward. 2,159,608; May 23.
Refrigerator. P. C. Warren and W. Boydston. 2,163,182; June 20.
Refrigerator. P. S. Wilnau. 2,175,498; Oct. 10.
Refrigerator air circulating and purifying means. H. H. Short. 2,162,923; June 20.
Refrigerator and method and apparatus for freezing ice. G. Muffly. 2,145,773; Jan. 31.
Refrigerator apparatus. O. M. Anderson. 2,181,858; Dec. 5.
Refrigerator apparatus, Automatic defrosting. A. S. Volpin. 2,147,867; Feb. 21.
Refrigerator attachment. O. K. Koski. 2,156,184; Apr. 25.
Refrigerator cabinet. W. D. Collins. 2,149,807; Mar. 7.
Refrigerator cabinet. N. R. Hull. 2,170,717; Aug. 22
Refrigerator cabinet. R. A. King. 2,176,717; Oct. 17.
Refrigerator cabinet. R. H. Money. 2,164,589; July 4.
Refrigerator cabinet. P. T. Sywert. 2,179,307; Nov. 7.
Refrigerator car. W. E. Baillie. 2,168,553; Aug. 8.
Refrigerator car. C. D. Bonsall. 2,168,556; Aug. 8.
Refrigerator car. C. D. Bonsall. 2,179,681; Nov. 14.
Refrigerator car. C. E. Crede. 2,184,810; Dec. 26.
Refrigerator car. W. F. Dietrichson. 2,180,510; Nov. 21.
Refrigerator car. V. E. Sisson. 2,184,819; Dec. 26.
Refrigerator car. G. A. Steuber. 2,171,317; Aug. 29.
Refrigerator car. K. E. Zeidler. 2,180,654; Nov. 21.
Refrigerator car door. W. M. Dwyer. 2,150,271; Mar. 14.
Refrigerator car door. W. A. Heitner. 2,170,053; Aug. 22.
Refrigerator car floor rack. C. D. Bonsall. 2,180,502; Nov. 21.
Refrigerator car floor rack. V. E. Sisson. 2,169,712; Aug. 15.
Refrigerator car, Railroad. A. J. Hepp and R. A. Feind. 2,166,867; July 18.
Refrigerator car, Railway. R. B. Winship. 2,182,652; Dec. 5.
Refrigerator car, Top bunker. C. D. Bonsall. 2,168,557; Aug. 8.
Refrigerator, Cartridge chemical. A. A. Hote. 2,148,694; Feb. 28.
Refrigerator construction. W. R. M. Very. 2,169,201; Aug. 8.
Refrigerator control. L. B. M. Buchanan. 2,163,744; June 27.
Refrigerator control. R. J. Ridge. 2,148,643; Feb. 28.
Refrigerator control switch. E. C. Raney. 2,166,322; July 18.
Refrigerator control switch. E. C. Raney. 2,179,599; Nov. 14.
Refrigerator door. W. W. Carroll. 2,155,967; Apr. 25.
Refrigerator door. R. H. Money. 2,183,280; Dec. 12.
Refrigerator door. R. H. Schielke. 2,157,678; May 9.
Refrigerator, Electric. R. M. Lewis. 2,161,713; June 6.
Refrigerator, Forced draft. W. H. Swanson. 2,161,983; June 13.
Refrigerator heat interchanger. E. Gygax. 2,171,239; Aug. 29.
Refrigerator, Household. T. I. Potter. 2,171,712; Sept. 5.
Refrigerator, Ice. T. L. McClellan. 2,148,081; Feb. 21.
Refrigerator, Ice-cooled. F. J. Stollsteimer. 2,169,599; Aug. 15.
Refrigerator latch. N. B. Geddes. 2,172,467; Sept. 12.
Refrigerator lighting fixture. W. G. Seeger. 2,148,778; Feb. 28.
Refrigerator, Mechanical. G. M. Evans. 2,162,945; June 20.
Refrigerator mechanism, Absorption. E. E. Allyne. 2,177,796; Oct. 31.
Refrigerator or cooler. C. G. Carlson. 2,172,671; Sept. 12.
Refrigerator, Periodical absorption. R. Herrmann and T. Skutta. 2,146,143; Feb. 7.
Refrigerator system. K. P. Brace. 2,169,459; Aug. 15.
Refrigerator unit. M. Kalischer. 2,159,592; May 23.
Refrigerator unit, Hold-over. W. D. Jordan and P. D. Van Vliet. 2,145,308; Jan. 31.
Refrigerator unit testing. W. B. Griese. 2,169,605; Aug. 15.
Refrigerators, Control arrangement for. R. Herrmann and T. Skutta. 2,162,256; June 13.
Refrigerators, Defrosting of. E. R. Gill, Sr. 2,162,709; June 20.
Refuse collecting vehicle. H. C. Frentzel, Jr., and C. G. Novotny. 2,167,148; July 25.
Refuse, Device for collecting. H. Linde. 2,163,844; June 27.
Refuse incinerating furnace. T. J. Hiler. 2,145,261; Jan. 31.
Refuse, Incineration of high moisture. R. Berg and R. T. Gillis. 2,171,535 · Sept. 5.
Refuse matter, Destroying. H. H. Moreton. 2,175,301; Oct. 10.
Refuse receptacle. L. B. Berg. 2,170,677; Aug. 22.
Refuse receptacle. J. Bigman and A. J. Gillis. 2,147,139; Feb. 14.
Regenerating structure and method. E. J. McDonnell. 2,157,553; May 9.
Regenerative chamber or retort oven for the production of gas and coke. H. Koppers. 2,172,736; Sept. 12.
Regenerative furnace. E. A. Vierow. 2,158,095; May 16.
Regenerative metallurgical furnace. L. B. Lindemuth. 2,176,674; Oct. 17.
Regenerator. F. H. Loftus. 2,149,610; Mar. 7.
Regenerator for telegraph signals R. D. Salmon. 2,144,938; Jan. 24.
Regenerator of a coke oven battery. C. V. McIntire. 2,158,139; May 16.
Register. G. C. Coil. 2,153,881; Apr. 11.
Register. L. J. Komora. 2,182,923; Dec. 12.
Register. A. S. Wheelbarger and W. G. Orth. 2,160,046; May 30.
Register, accounting, and the like machine, Cash. E. Breitling. 2,166,459; July 18.
Register, accounting and the like, machine, Cash. E Breitling and H. Schwenk. Re. 21,078; May 16.
Register, Accounts. A. C. Schroeder. 2,168,001; Aug. 1.
Register, adding, and other calculating and accounting machine, Cash. H. F. B. Högfors. 2,143,599; Jan. 10.
Register and accounting machine, Cash. J. E. Gates. 2,178,339; Oct. 31.
Register, Autographic. J. E. Euth. 2,178,036; Oct. 31.
Register, Autographic. C. L. Johnston. 2,170,143; Aug. 22.
Register, Autographic. J. F. Sheppard, C. J. Manuel, and W. A. Pringle. 2,183,778; Dec. 19.
Register, Autographic. C. E. Wyrick. 2,167,165; July 25
Register, Cash. F. W. F. Berger. 2,168,511; Aug. 8.
Register, Cash. S. Brand. 2,155,928; Apr. 25.
Register, Cash. T. O. R. Dahlberg. 2,174,973; Oct. 3
Register, Cash. F. Eller. 2,174,571; Oct. 3.
Register, Cash. F. Emberson. 2,170,517; Aug. 22.
Register, Cash. F. L. Fuller. 2,165,248; July 11.
Register, Cash. C. W. Green. 2,167,715; Aug. 1.

Register casing door. R. H. Colwill. 2,162,422; June 13.
Register construction, Computing. C. S. Hazard. 2,178,229; Oct. 31.
Register, Fare. C. E. Hartrick. 2,169,466; Aug. 15.
Register in multiunit presses, Maintaining. A. Dultgen, A. Stobb, and M. Stoessel. 2,142,501; Jan. 3.
Register installation, Free Wheeling. J. H. Van Wagenen. 2,159,915; May 23.
Register, Liquid. H. N. Bliss. 2,143,537; Jan. 10.
Register locking mechanism. G. C. Coil. 2,162,605; June 13.
Register machine, Autographic. M. B. Holmes and A. L. Rowland. 2,163,684; June 27.
Register of multiple operations, Apparatus for effecting. W. F. Grupe. 2,163,035; June 20.
Register, Portable autographic. W. A. Pringle and C. J. Manuel. 2,170,093; Aug. 22.
Register, Score. A. Holzner. 2,180,590; Nov. 21.
Register, Tally. J. Q. Sherman. 2,171,605; Sept. 5.
Register totalizer. J. C. Miller. 2,148,768; Feb. 28.
Registering device. C. E. Ross and T. E. Perks. 2,151,618; Mar. 21.
Registering machine for different money standards. W. Naumann. 2,144,739; Jan. 24.
Registering mechanism. W. Beusch and W. Zingg. 2,145,069; Jan. 24.
Registering mechanism. T. Dietrich and O. Borel. 2,151,086; Mar. 21.
Registering mechanism. R. Pudelko and H. Tobler. 2,145,697; Jan. 31.
Registering mechanism. C. Walker. 2,176,828; Oct. 17.
Registering mechanism for printing cylinders. W. F. Huck. 2,181,895; Dec. 5.
Registering mechanism, Selective. W. Hanrahan, H. J. Mineah, and R. C. Shannon. 2,174,656; Oct. 3.
Registers for fluid dispensing systems, Operating. P. S. Morgan. 2,166,531; July 18.
Regulating apparatus. C. Johnson. 2,169,150; Aug. 8.
Regulating apparatus. C. M. Terry. 2,183,110; Dec. 12.
Regulating apparatus. L. G. Tubbs. 2,165,079; July 4.
Regulating apparatus and method. A. F. Spitzglass. 2,166,077; July 11.
Regulating apparatus for current supply systems, Automatic. S. M. Hanley. 2,144,289–90; Jan. 17.
Regulating apparatus for fuel injection pumps of internal combustion engines. E. Schaeren. 2,165,657; July 11.
Regulating device. R. R. Donaldson, Jr. 2,146,176; Feb. 7.
Regulating device. G. H. Jump. 2,176,716; Oct. 17.
Regulating device for brakes, Automatic. P. Hallot. 2,163,731; June 27.
Regulating device for current rectifying apparatus, Automatic. H. Alriq. 2,157,977; May 9.
Regulating device for internal combustion engines, supplied by fuel injection. M. Mennesson. 2,150,075; Mar. 7.
Regulating means for timing devices, Automatic. L. V. Lucia. 2,147,376; Feb. 14.
Regulating means for vehicle parking. E. J. Sweetland. 2,178,315; Oct. 31.
Regulating mechanism. J. Morkoski. 2,184,431; Dec. 26.
Regulating mechanism for locomotive stoker engines. W. T. Hanna. 2,148,461; Feb. 28.
Regulating system. F. S. Dellenbaugh, Jr. 2,175,379; Oct. 10.
Regulating system. R. R. Donaldson, Jr. 2,177,823; Oct. 31.
Regulating system. F. H. Gulliksen and J. W. Dawson. 2,157,893; May 9.
Regulating system. W. E. Jacobsen. 2,158,871; May 16.
Regulating system. H. C. Nycum. 2,147,456; Feb. 14.
Regulating system. F. L. Snyder. 2,169,033; Aug. 8.
Regulating system. O. E. Stoessel. 2,144,668; Jan. 24.
Regulating system. C. G. Suits. 2,160,605; May 30.
Regulating system. L. W. Thompson. 2,184,371; Dec. 26.
Regulating system for battery operated motor-generator sets, Automatic. S. S. Wolff. 2,150,112; Mar. 7.
Regulating system for generator driving engines. T. Deeg. 2,179,283; Nov. 7.
Regulation. R. S. Elberty, Jr. 2,169,024; Aug. 8.

Regulator: *See*—
- Amplifier and tone regulator.
- Automatic draft regulator.
- Automatic regulator.
- Automatic temperature regulator.
- Automatic voltage regulator.
- Compressor regulator.
- Current or voltage regulator.
- Damper regulator.
- Draft regulator.
- Electrical regulator.
- Firing regulator.
- Flow regulator.
- Fluid flow regulator.
- Fluid flow regulator.
- Fluid pressure regulator.
- Flush regulator.
- Fuel pump regulator.
- Fuel regulator.
- Gas and water regulator.
- Gas flow regulator.
- Gas pressure regulator.
- Gas regulator.
- Generator speed regulator.
- Heating system regulator.
- Loop regulator.
- Multiposition regulator.
- Oven heat regulator.
- Pressure regulator.
- Pulp consistency regulator.
- Sewer regulator.
- Shield regulator.
- Speed regulator.
- Steam boiler regulator.
- Temperature regulator.
- Thermostatic temperature regulator.
- Voltage regulator.
- Window regulator.
- Windshield regulator.

Regulator. R. Ranson. 2,154,354; Apr. 11.
Regulator. C. H. Smoot. 2,164,548; July 4.
Regulator and automatic pumping mechanism, Tire pressure. M. Rinfret. 2,161,384; June 6.
Regulator and faucet, Combined flow. F. C. Picut. 2,173,979; Sept. 26.
Regulator and indicator for cigarette making machines. C. S. Stephano. 2,163,415; June 20.
Regulator and lock for swinging panels. A. S. Greif. 2,178,753; Nov. 7.
Regulator and lock, Window. L. R. Rhein. 2,174,599; Oct. 3.
Regulator circuit. S. Minneci. 2,180,164; Nov. 14.
Regulator control equipment. L. G. Tubbs. 2,182,650; Dec. 5.
Regulator for a swinging window, Window. L. R. Rhein and A. S. Greif. 2,161,199; June 6.
Regulator for aircraft driving gears. P. E. Köster. Re. 21,295; Dec. 12.
Regulator for automotive vehicle engine cooling systems, Flow and temperature. H. Rose. 2,175,042; Sept. 26.
Regulator for blending apparatus, Pressure. L. T. Gibbs and G. P. Jennings. 2,145,114; Jan. 24.
Regulator for carburetors, Feed. F. J. Sachs. 2,167,961; Aug. 1.
Regulator for fuel burners. J. W. Harrie. 2,147,294; Feb. 14.
Regulator for refrigerating apparatus. S. W. E. Andersson. 2,177,380; Oct. 24.
Regulator for vehicle windows. S. W. Nicholson. 2,162,110; June 13.
Regulator for water-cooled refrigerating systems, Thermostatic water. R. F. Polley. 2,142,734; Jan. 3.
Regulator mechanism for vehicle windows. S. W. Nicholson. 2,179,343; Nov. 7.
Regulator of combustion for thermic furnaces. P. Frion. 2,144,966; Jan. 24.
Regulator suitable for furnace control, Automatic. W. C. Nurse. 2,146,087; Feb. 7.
Regulator system. D. E. Trucksess. 2,155,515; Apr. 25.
Regulator system for parallel operation of commutator rectifiers. E. Janeschke. 2,155,090; Apr. 18.
Regulator valve. W. R. King. 2,182,873; Dec. 12.
Regulator with gyroscopic antihunting. C. R. Hanna. 2,162,482; June 13.
Reinforce element and support, Combined. L. F. Emigholz. 2,170,635; Aug. 22.
Reinforced box. W. P. Aull. 2,165,023; July 4.
Reinforced concrete tank. L. P. Brice. 2,177,859; Oct. 31.
Reinforced handbag frame. G. Laubenstein. 2,175,992; Oct. 10.
Reinforced receptacle. G. K. S. Ferguson. 2,170,714; Aug. 22.
Reinforcement for transmission lines and the like. D. C. Sherman. 2,172,810; Sept. 12.
Reinforcement means for bookbinders' boards. G. Kirste. 2,175,400; Oct. 10.
Reinforcement member. W. H. Churchill. 2,166,889; July 18.
Reinforcement sections, Ferroconcrete. A. Ossoinack. 2,142,758; Jan. 3.
Reinforcing for treads, Marginal. I. W. Robertson. 2,150,105; Mar. 7.
Reinforcing member for heterogeneous beams. J. E. McLafferty. 2,167,029; July 25.
Relaxation oscillation generator. R. Barthelemy. 2,168,508; Aug. 8.
Relaxation oscillation generator. M. Geiger. 2,159,792; May 23.
Relaxation oscillation generator. K. Schlesinger. 2,163,214; June 20.
Relay. M. A. Babb and S. J. A. M. Bagno. 2,159,837; May 23.
Relay. C. M. Barnes. 2,179,486; Nov. 14.
Relay. E. Borgkvist. 2,170,961; Aug. 29.
Relay. W. Brandt. 2,160,056; May 30.
Relay. E. Bräuer. 2,182,912; Dec. 12.
Relay. O. S. Field. 2,166,091; July 11.
Relay. O. S. Field. 2,180,583; Nov. 21.
Relay. J. R. Fry. 2,171,333; Aug. 29.
Relay. J. R. Fry. 2,180,705; Nov. 21.
Relay. L. E. Gardiner. 2,170,135; Aug. 22.
Relay. W. H. Gille. 2,169,141; Aug. 8.
Relay. W. F. Kannenberg. 2,165,798; July 11.
Relay. E. Lakatos. 2,179,640; Nov. 14.
Relay. C. A. Lovell. 2,153,633; Apr. 11.
Relay. D. Miller. 2,180,539; Nov. 21.
Relay. M. R. Miller. 2,152,524; Mar. 28.
Relay. R. L. Peek, Jr. 2,162,356; June 13.
Relay. R. L. Peek, Jr. 2,169,740; Aug. 15.
Relay. R. L. Peek, Jr. 2,174,592; Oct. 3.
Relay. E. W. Seeger, G. C. Brown, and F. J. Russell. 2,173,378; Sept. 19.
Relay. F. A. Zupa. 2,148,598; Feb. 28.
Relay apparatus, Fluid actuated. R. Ullman. 2,172,599; Sept. 12.
Relay attenuator, Shielded. S. Gubin. 2,183,612; Dec. 19.
Relay, Battery-taper. D. W. Exner. 2,165,040; July 4.
Relay circuit. J. M. Wilson. 2,167,227; July 25.

Relay construction. A. B. Rypinski and C. A. Bay. 2,166,327; July 18.
Relay contact spring. H. N. Wagar. 2,178,151; Oct. 31.
Relay control system, Light-sensitive. W. A. Pennow. 2,179,349; Nov. 7.
Relay depending on the ratio between current and voltage and the phase displacement, Tilting. H. Poleck. 2,182,641; Dec. 5.
Relay device. A. G. Kershaw. 2,164,823; July 4.
Relay device. W. E. Shenk. 2,158,438; May 16.
Relay, Electric valve time delay. E. D. Schneider. 2,171,348; Aug. 29.
Relay, Electrical. N. F. Agnew. 2,162,903; June 20.
Relay, Electrical. B. Lazich and P. K. Eckhardt. 2,166,910; July 18.
Relay, Electrical. B. Lazich and H. E. Ashworth. 2,172,888; Sept. 12.
Relay, Electrical. C. S. Snavely. 2,178,289; Oct. 31.
Relay, Electromagnetic. P. Bakker. 2,153,291; Apr. 4.
Relay, Electromagnetic. G. B. Knös. 2,154,338; Apr. 11.
Relay, Electromagnetic. C. H. Larson. 2,166,163; July 18.
Relay, Electromagnetic. W. R. Rose. 2,182,452; Dec. 5.
Relay, Fluid pressure. A. Hochschulz,. 2,166,705; July 18.
Relay, Load connecting. G. B. Knos. 2,177,832; Oct. 31.
Relay, Mechanical. P. G. Edwards. 2,163,195; June 20.
Relay, Polarized. E. J. Pratt. 2,153,641; Apr. 11.
Relay, Selective. C. F. Wallace. 2,145,821; Jan. 31.
Relay, Slip frequency. F. H. Milliken. 2,161,929; June 13.
Relay system. A. H. Lamb. 2,154,854; Apr. 18.
Relay system. A. H. Lamb. 2,178,479; Oct. 31.
Relay system for synchronous machines, Protective. M. Michel. 2,169,029; Aug. 8.
Relay, Time. O. Welle. 2,146,608; Feb. 7.
Relay, Time delay. C. M. Lubcke. 2,182,130; Dec. 5.
Relay, Time delay. E. D. Schneider. 2,171,347; Aug. 29.
Relaying. H. Scharlau, W. Runge, W. Buschbeck, and K. Fritz. 2,160,913; June 6.
Relaying apparatus. E. L. Harder. 2,183,646; Dec. 19.
Relaying system with latched receiver, Carrier. M. E. Reagan. 21,104; May 30.
Relays, Method of and apparatus for testing. P. H. Estes. 2,154,379; Apr. 11.
Release box. T. G. Collings. 2,174,969; Oct. 3.
Release for camera shutters. K. C. D. Hickman. 2,143,776; Jan. 10.
Release for rock drills, Rotation. M. O'Farrell. 2,179,643; Nov. 14.
Release insuring means. C. C. Farmer. 2,173,937; Sept. 26.
Releasing device for artificial or natural fishing bait. B. Whitis. 2,153,489; Apr. 4.
Relief device for lubricating apparatus. L. C. Rotter. 2,162,898; June 20.
Relief valve. J. Briscoe and J. L. Corcoran. 2,166,390; July 18.
Relief valve. R. A. Geisel. 2,145,925; Feb. 7.
Relief valve. J. R. Guildford. 2,175,460; Oct. 10.
Relief valve. E. Klafstad and G. L. Gundersen. 2,183,650; Dec. 19.
Relief valve. G. V. Rylsky. 2,161,531; June 6.
Relief valve. W. D. Schanck. 2,166,730; July 18.
Relief valve, Hydraulic vapor. W. B. Clayton. 2,146,249; Feb. 7.
Relief valve, Pressure or condensate. C. Stern. 2,147,722; Feb. 21.
Reliefs, Preparation of washed out. J. Heidenhain. 2,142,311; Jan. 3.
Reminder device. W. L. Wagner. 2,159,917; May 23.
Remote control coupling, Flexible. E. K. Clark. 2,178,066; Oct. 31.
Remote control device. L. J. Andres. 2,167,061; July 25.
Remote control device. H. Schröder. 2,183,724; Dec. 19.
Remote control device for radio receivers. W. Runge and L. Brandt. 2,175,320; Oct. 10.
Remote control for radio receiving sets. E. L. Barrett. Re. 21,000; Feb. 14.
Remote control for transmission. J. Dolza and A. W. Gaubatz. 2,182,252; Dec. 5.
Remote control for transmissions. C. H. Stanard. 2,175,449; Oct. 10.
Remote control means. G. Vogt and H. Stierhof. 2,177,850; Oct. 31.
Remote control mechanism, Selective. A. W. Wheaton. 2,144,212; Jan. 17.
Remote control system. N. F. Agnew. 2,176,600; Oct. 17.
Remote control system. E. M. Allen. 2,175,586; Oct. 10.
Remote control system. J. M. Pelikan. 2,176,611; Oct. 17.
Remote control system. S. W. Seeley. 2,163,411; June 20.
Remote control system. S. W. Seeley. 2,183,725; Dec. 19.
Remote control system. C. S. Snavely, A. B. Miller, and A. P. Jackel. 2,183,155; Dec. 12.
Remote control system, method, and apparatus. J. L. Bonanno. 2,155,343; Apr. 18.
Remote control, System of. J. B. Walker. 2,178,089; Oct. 31.
Remote control system over power lines. S. W. Seeley. 2,177,843; Oct. 31.
Remote controlling apparatus. C. S. Snavely. 2,152,390; Mar. 28.
Remote controlling apparatus. C. E. Staples. 2,156,707; May 2.
Remote indicating and control system. E. G. Watts. 2,172,918; Sept. 12.
Remote indicating system. C. O. Cressy. 2,178,563; Nov. 7.
Remote indicator. H. T. Faus. 2,181,803; Nov. 28.
Remote multiple indicator. W. A. Reichel and M. F. Ketay. 2,166,610; July 18.
Remoting machine. R. C. Rose. 2,166,023; July 11.
Removable float valve. M. A. Newton. 2,153,812; Apr. 11.
Remover for bottle closures. K. Knudsen. 2,164,191; June 27.
Remover for "pyrex" dishes. I. C. Molleson. 2,163,129; June 20.
Rennin, Preparing. H. L. Keil and B. K. Stout. 2,145,796; Jan. 31.
Renovator for neckties. D. Weisberger. 2,160,769; May 30.
Repair clamp. C. E. Kirk. 2,182,258; Dec. 5.
Repair device for spectacle and eyeglass lenses. C. M. Haynes. 2,174,511; Oct. 3.
Repeater. P. T. Farnsworth and R. L. Snyder. 2,143,146; Jan. 10.
Repeater for telegraph signals, Regenerative. R. D. Salmon. 2,147,823; Feb. 21.
Repeater, Rural line. C. O. Wright and E. S. Peterson. 2,161,218; June 6.
Repeater, Translating. L. M. Potts. 2,152,772; Apr. 4.
Reprinting, Method and machine for continuously. L. Kluitmann. 2,175,665; Oct. 10.
Reproducer, Electrostatic. P. H. Dudeck. 2,147,092; Feb. 14.
Reproducing apparatus and method. A. A. Kucher. 2,148,166; Feb. 21.
Reproducing apparatus and method. A. A. Kucher. 2,171,936; Sept. 5.
Reproducing machine. G. F. Ryan. 2,148,506; Feb. 28.
Reproducing machine. W. G. Shipman. 2,182,707; Dec. 5.
Reproducing process and machine, Automatic. L. W. Young. 2,172,313; Sept. 5.
Reproducing system. W. J. Albersheim. 2,143,400; Jan. 10.
Reproduction. J. Spielvogel. 2,177,539; Oct. 24.
Rescue apparatus. J. S. Dunn. 2,175,748; Oct. 10.
Reservoir for fluid pressure systems. D. O. Scott. 2,179,201; Nov. 7.
Reservoir, Grease. D. L. Lamb. 2,177,776; Oct. 31.
Reservoir, Smoothing iron. F. J. Horton. 2,180,523; Nov. 21.
Reset means for automobile directional signal switches, Automatic. E. T. Condon. 2,144,595; Jan. 17.
Reset mechanism, Automatic. A. E. Baak. 2,173,798; Sept. 19.
Reset mechanism, Automatic. F. S. Denison and A. E. Baak. 2,173,801; Sept. 19.
Reset mechanism, Automatic. C. B. Spangenberg. 2,174,910; Oct. 3.
Reset mechanism, Automatic. D. G. Taylor. 2,173,810; Sept. 19.
Reset thermal switch. D. S. Rivers. 2,183,518; Dec. 12.
Resetting means for counters. A. Hemmington. 2,144,373; Jan. 17.
Residual liquor, Method of and apparatus for treating pulp. G. H. Tomlinson and L. S. Wilcoxson. 2,179,456; Nov. 7.
Residue, Purification of still. F. W. Corkery. 2,172,437; Sept. 12.
Residues, Distilling. W. W. Kraft and W. J. Bloomer. 2,160,103; May 30.
Resilient coupling. M. F. A. Julien. 2,172,707; Sept. 12.
Resilient coupling. E. F. Riesing. 2,154,385; Apr. 11.
Resilient driving chain. M. T. Weston. 2,154,648; Apr. 18.
Resilient material. R. Picard. 2,171,805; Sept. 5.
Resilient mounting. F. L. Haushalter. 2,165,702; July 11.
Resilient mounting. D. F. Newman. 2,153,387; Apr. 4.
Resilient mounting. K. and H. O. Schröter. 2,171,149; Aug. 29.
Resilient mounting. C. M. Sloman and R. A. Merrill. 2,160,040; May 30.
Resilient sheet. L. A. Dunajeff. 2,158,929; May 16.
Resilient wheel. J. Lang. 2,172,165; Sept. 5.
Resin and making same and varnish containing same, Color-table phenolic. J. B. Rust. 2,155,907; Apr. 25.
Resin and making same, Pecto phenolic synthetic. R. Holzcker. 2,157,488; May 9.
Resin and making same, Water soluble thermosetting. J. V. Nevin. 2,150,698; Mar. 14.
Resin and preparing same, Synthetic. J. H. Kelly, Jr. 2,150,506; Mar. 14.
Resin and producing same, Odorless, Tasteless. C. Bremer. 2,176,415; Oct. 17.
Resin, Brittle fusible. N. D. Hanson and E. Kritzmacher. 2,158,366; May 16.
Resin coating composition, Synthetic. C. Bogin 2,174,495; Sept. 26.
Resin coatings and process producing the same, Vinyl. A. K. Doolittle. 2,160,061; May 30.

Resin composition, Plasticized. H. A. Bruson. 2,156,144; Apr. 25.
Resin compositions. R. A. Jacobson. 2,155,863; Apr. 25.
Resin compositions and making same, Adduct. C. Ellis. 2,146,671; Feb. 7.
Resin compositions, Heat stable vinyl. K. K. Fligor. 2,181,478; Nov. 28.
Resin-fiber compositions, Making. N. D. Hanson. 2,170,755; Aug. 22.
Resin finishing system, Vinyl. A. K. Doolittle. 2,158,111; May 16.
Resin, Heat-reactive oil-soluble. W. H. Butler. 2,171,914; Sept. 5.
Resinlike condensation products, Process for producing. K. Stickdorn. 2,153,318; Apr. 4.
Resin manufacture. W. H. Carmody. 2,149,275; Mar. 7.
Resin manufacture. L. T. Sutherland. 2,154,541; Apr. 18.
Resin, Manufacture of synthetic. J. A. Arvin. 2,146,004; Feb. 7.
Resin, Modified alkyd. H. A. Hampton, A. Hill, and E. B. Robinson. 2,181,054; Nov. 21.
Resin, Moldable. F. Seebach. 2,146,234; Feb. 7.
Resin molding composition, Phenolic. W. E. Flood and G. B. Howells. 2,168,981; Aug. 8.
Resin, Oil-soluble. V. H. Turkington and W. H. Butler. 2,167,094; July 25.
Resin, Phenol-butyraldehyde. W. J. Bannister. 2,176,951; Oct. 24.
Resin, Phenolic. C. A. Thomas. 2,163,637; June 27.
Resin, Polishing a formaldehyde. C. W. Kuehne. 2,143,888; Jan. 17.
Resin, Producing a. H. R. Moore. 2,154,954; Apr. 18.
Resin production. J. Rivkin. 2,156,126; Apr. 25.
Resin sheet containing tripropionin, Polyvinyl acetal. E. K. Carver and B. E. Gramkee. 2,182,371; Dec. 5.
Resin sheets containing an alkyl carbamate and dibutyl phthalate, Polyvinyl acetal. H. B. Smith and D. R. Swan. 2,182,359; Dec. 5.
Resin sheets containing an alkyl phthalyl ethyl glycollate, Polyvinyl acetal. N. S. Kocher and H. B. Smith. 2,184,426; Dec. 26.
Resin sheets containing benzyl hydrogen succinate, Polyvinyl acetal. H. B. Smith. 2,182,361; Dec. 5.
Resin sheets containing Di-(2-(beta-butoxyethoxy)-ethyl)-formal, Polyvinyl acetal. H. B. Smith and D. R. Swan. 2,182,363; Dec. 5.
Resin sheets containing di-(2-(beta-ethoxyethoxy)-ethyl) formal, Polyvinyl acetal. H. B. Smith. 2,182,362; Dec. 5.
Resin sheets containing o-cresyl toluene sulphonate, Polyvinyl acetal. H. B. Smith. 2,182,360; Dec. 5.
Resin sheets containing tetrahydrofurfuryl succinate, Polyvinyl acetal. H. B. Smith. 2,184,445; Dec. 26.
Resin sheets containing triamyl phosphate, Polyvinyl acetal. H. B. Smith. 2,184,442; Dec. 26.
Resin sheets containing tributyrin, Polyvinyl acetal. B. E. Gramkee. 2,184,423; Dec. 26.
Resin sheets containing triethyl citrate, Polyvinyl acetal. H. B. Smith and D. R. Swan. 2,184,444; Dec. 26.
Resin sheets containing triethylene glycol diacetate, Polyvinyl acetal. H. B. Smith. 2,184,443; Dec. 26.
Resin sheets, Forming polyvinyl acetal. G. J. Esselen and E. R. Derby. 2,148,062; Feb. 21.
Resin sheets, Treating cast polymeric. W. F. Bartoe. 2,157,049; May 2.
Resin, Sulphonamide. H. A. Bruson and J. W. Eastes. 2,160,196; May 30.
Resin with integral sheen, Cast. C. M. Fields and G. A. Wilkens. 2,168,331; Aug. 8.
Resinous bodies, Treating. E. C. de Stubner. 2,161,803; June 13.
Resinous body and producing same. W. I. Patnode. 2,181,739, Nov. 28.
Resinous composition and making same. F. Seebach. 2,162,035; June 13.
Resinous composition and making the same. K. H. Benton and R. W. Work. 2,142,833; Jan. 3.
Resinous composition and preparing same. M. M. Safford. 2,160,230; May 30.
Resinous composition and product coated therewith. A. J. Sherburne. 2,146,598; Feb. 7.
Resinous compositions. H. L. Bender. 2,154,969; Apr. 18.
Resinous compositions and capacitors containing the same. F. M. Clark and R. A. Ruscetta. 2,165,090; July 4.
Resinous compound and producing the same, Synthetic. G. F. C. Houghton. 2,172,385; Sept. 12.
Resinous condensation products and preparing same. I. Rosenblum. 2,169,991; Aug. 15.
Resinous condensation products, Water soluble. A. H. Bowen and T. W. Dike. 2,150,148; Mar. 14.
Resinous product. P. O. Watson. 2,144,352; Jan. 17.
Resinous product and making the same. A. Haroldson. 2,185,080; Dec. 26.
Resinous product, Oil-soluble. W. H. Butler. 2,174,819; Oct. 3.
Resinous product, Phenolic. V. H. Turkington and W. H. Butler. 2,173,346; Sept. 19.
Resinous products from aldehydes and acrylic amides. D. E. Strain. 2,173,005; Sept. 12.
Resins, Alpha-ethyl beta-propyl acrolein. L. C. Swallen. 2,150,137; Mar. 7.
Resins and compositions thereof, Polyvinyl acetal. K. G. Blaikie and R. N. Crozier. 2,166,856; July 18.

Resins and making same, Synthetic. A. Gams and K. Frey. 2,149,520; Mar. 7.
Resins and nitrogen containing organic compound addition products, Synthetic. E. E. Novotny. 2,156,124; Apr. 25.
Resins and producing same, Silicon modified phenolic. H. K. Nason. 2,182,208; Dec. 5.
Resins and producing, Synthetic. J. M. De Bell. 2,146,012; Feb. 7.
Resins, Cast phenolic. J. E. Symonds. 2,151,946; Mar 28.
Resins for treating textiles, Manufacturing water soluble artificial. P. Mattiotto. 2,145,695; Jan. 31.
Resins from aminophenols and formaldehyde. G. D. Graves. 2,147,789; Feb. 21.
Resins from crude solvent naphtha, Phenol-modified. W. H. Carmody. 2,161,951; June 13.
Resins from phenolic compositions and esters of anacardic acid. E. E. Novotny. 2,170,950; Aug. 29.
Resins, Hydrogenation of. W. H. Carmody. 2,152,533; Mar. 28.
Resins, Making phenol-aldehyde. E. F. Fiedler. 2,180,981; Nov. 21.
Resins, Making polyvinyl acetal. G. O. Morrison and A. F. Price. 2,179,051; Nov. 7.
Resins, Making vinyl. G. O. Morrison and A. F. Price. 2,176,859; Oct. 17.
Resins, Making vinyl-acetal. G. O. Morrison and A. F. Price. 2,168,827; Aug. 8.
Resins, Manufacture of artificial. W. O. Herrmann, H. Deutsch, and B. von Zychlinski. 2,162,616; June 13.
Resins, Phenolic. J. E. Symonds. 2,151,945; Mar. 28.
Resins, Polyvinyl acetal. H. F. Robertson. 2,162,678–80; June 13.
Resins, Preparation of pale colored alkyd. H. C. Cheetham and W. L. Evers. 2,153,511; Apr. 4.
Resins, Preparation of synthetic. C. C. Towne. 2,161,599; June 6.
Resins, Producing olefin-sulphur dioxide. F. E. Frey and R. D. Snow. 2,184,295; Dec. 26.
Resins, Production of phenol-aldehyde-lignin. C. A. Hochwalt and M. Plunguian. 2,168,160; Aug. 1.
Resins, Production of phenolic-formaldehyde. W. Hentrich and F. Schlegel. 2,175,393; Oct. 10.
Resins, Production of synthetic. A. Hodler. 2,145,050; Jan. 24.
Resins soluble in alcohol. W. Wolff and K. Vierling. 2,172,305; Sept. 5.
Resins, Stabilization of polyvinyl acetal. C. R. Fordyce and M. Salo. 2,159,263; May 23.
Resins, Stabilization of polyvinyl acetal. J. B. Hale. 2,146,735; Feb. 14.
Resins, Synthetic. G. D. Graves. 2,146,210; Feb. 7.
Resins, Synthetic. H. H. Hopkins and F. A. McDermott. 2,181,893; Dec. 5.
Resins, Synthetic. I. Rosenblum. 2,175,215; Oct. 10.
Resins, Synthetic thermoplastic. P. H. Groggins, J. T. Stearn, and B. Makower. 2,181,231; Nov. 28.
Resins, Treatment of. G. H. Wilder. 2,146,276; Feb. 7.
Resins, Treatment of polymeric synthetic. B. M. Marks. 2,146,306; Feb. 7.
Resins, Urea formaldehyde. A. R. Ludwig. 2,171,882; Sept. 5.
Resins, Vinyl-type. A. Kirkpatrick. 2,166,955; July 25.
Resistance. H. F. Fruth. 2,148,453; Feb. 28.
Resistance. G. J. Mucher. 2,153,152; Apr. 4.
Resistance. J. J. Mucher. 2,146,509; Feb. 7.
Resistance, Adjustable. E. R. Stoekle. 2,148,785; Feb. 28.
Resistance device. H. F. Fruth. 2,177,484; Oct. 24.
Resistance device, Midget variable. C. J. Hathorn. 2,160,142; May 30.
Resistance device, Variable. N. C. Schellenger. 2,145,953; Feb. 7.
Resistance device, Variable. N. C. Schellenger. 2,177,285; Oct. 24.
Resistance element. K. M. Lederer and A. Dempster. 2,149,448; Mar. 7.
Resistance element. N. C. Schellenger. 2,163,067; June 20.
Resistance element for rheostats. A. W. Plensler. 2,162,969; June 20.
Resistance element, Gas-enclosed. W. Meyer and H. Neldel. 2,144,888; Jan. 24.
Resistance pack for gravity separators and the like. E. Stump. 2,154,784; Apr. 18.
Resistance shunt. H. A. Ganz and R. A. Kamm. 2,155,789; Apr. 25.
Resistance unit. S. C. McKeown. 2,177,930; Oct. 31.
Resistance unit for spot and flood lamps. P. Mole and E. C. Richardson. 2,173,948; Sept. 26.
Resistance unit, Variable. L. E. Lawrence and R. O. Lewis. 2,144,925; Jan. 24.
Resistances, Apparatus for producing. G. Liebmann. 2,147,450; Feb. 14.
Resistances, Device for measuring and testing electric. A. Raschdowitz. 2,172,034; Sept. 5.
Resistor. K. C. Black and R. R. Blair. 2,178,548; Nov. 7.
Resistor. E. R. Stoekle. 2,179,566; Nov. 14.
Resistor. L. L. Stoffel. 2,157,777; May 9.
Resistor and making it. G. L. Pearson. 2,184,847; Dec. 26.
Resistor and support therefor, Tubular. H. G. Richter. 2,151,799; Mar. 28.

Resistor and switch, Combination plug-in. D. F. Hastings. 2,142,355; Jan. 3.
Resistor elements, Making. P. H. Brace. 2,169,020: Aug. 8.
Resistor unit. C. J. Ganci. 2,179,212; Nov. 7.
Resistor unit. D. F. Hastings. 2,142,356; Jan. 3.
Resistor unit and making same. G. F. Benkelman. 2,176,604; Oct. 17.
Resistor, Variable. E. O. Thompson. 2,151,625; Mar. 21.
Resistors, Apparatus for adjusting. H. G. Richter. 2,159,106; May 23.
Resonance tuning indicator system. F. B. Stone. 2,183,206; Dec. 12.
Resonance unit, Compound. E. E. Wilson. 2,164,365: July 4.
Resonant line. N. E. Lindenblad. 2,181,901; Dec. 5.
Resonator, Electromechanical. A. Guerbilsky. 2,159,891; May 23.
Resorcinol, Alkylated. E. W. Bousquet. 2,146,007; Feb. 7.
Respiration analyses, Method and apparatus for carrying out. P. F. Scholander. 2,172,038; Sept. 5.
Respirations, Recording artificial. C. I. Langdon. 2,155,136; Apr. 18.
Respirator. W. H. Lehmberg. 2,166,164; July 18.
Respirator. N. Schwartz. 2,153,437; Apr. 4.
Respirator. N. Schwartz. 2,160,317; May 30.
Respirator. N. Schwartz. 2,174,370; Sept. 26.
Respirator. N. Schwartz. 2,176,380; Oct. 17.
Respirator. N. Schwartz. 2,181,026; Nov. 21.
Rest-bar adjustment for rolling mills. F. A. Garman. 2,178,904; Nov. 7.
Rest for lathes, Compound. W. F. Groene. 2,155,707; Apr. 25.
Rest, Multiple steady. R. A. Cole. 2,182,311; Dec. 5.
Rest, Steady. L. L. Babcock. 2,146,244; Feb. 7.
Rest, Ventilated back. L. B. Farrell. 2,182,253; Dec. 5.
Resuscitation apparatus. W. Branower. 2,162,242; June 13.
Retainer member for heat treatment trays, Flexible. H. H. Harris. 2,145,258; Jan. 31.
Retaining device. S. J. Fisher. 2,165,699; July 11.
Retaining device. C. E. Graham. 2,158,116; May 16.
Retaining device for pneumatic drills. V. K. Nelson. 2,156,510; May 2.
Retaining means. W. A. Heitner. 2,147,034; Feb. 14.
Retard device for automatic fire control systems. E. H. Rouse. 2,168,244; Aug. 1.
Retardation control brake. E. E. Hewitt. 2,155,227; Apr. 18.
Retardation controlled brake. E. E. Hewitt. 2,148,752; Feb. 28.
Retardation controlled brake. E. E. Hewitt and J. N. Good. 2,155,228; Apr. 18.
Retardation controller. C. C. Farmer. 2,184,550; Dec. 26.
Retardation controller. J. C. McCune. 2,173,946; Sept. 26.
Retarded switch. L. E. Hansen. 2,157,664; May 9.
Reticle, Illuminated. J. C. Karnes. 2,171,571; Sept. 5.
Reticulated sheet metal sign. T. J. Simpson. 2,176,614; Oct. 17.
Reticule, Telescopic gun-sight. B. P. Joyce. 2,154,454; Apr. 18.
Retort. F. Pope. 2,182,750; Dec. 5.
Retort door. F. T. Jenkins. 2,171,876; Sept. 5.
Retort for the carbonization of coal and the like, Vertical. F. J. and E. West. 2,178,026; Oct. 31.
Retorts for use in the distillation of solid carbonaceous substances, Setting of. W. A. Bristow and J. P. Postlethwaite. 2,143,972–3; Jan. 17.
Retorts of stokers against high temperatures, Protecting the. R. C. Johnson. 2,181,371; Nov. 28.
Retouching and stripping frame. A. H. Gaebel and A. K. Hansen. 2,165,965; July 11.
Retractable landing gear. G. E. Johnsen. 2,180,526: Nov. 21.
Retractable landing gear. G. A. Page, Jr. 2,158,300; May 16.
Retractable landing gear. I. I. Sikorsky. 2,156,773; May 2.
Retrieving mechanism. H. Bosch, Jr. 2,159,004; May 23.
Return-ball equipment for billiard tables and the like. W. B. Sawyer. 2,165,875; July 11.
Return bend. F. E. Key. 2,148,863; Feb. 28.
Reverse current switch, Automatic. J. M. Loy. 2,179,794; Nov. 14.
Reversible inductor motor. H. M. Stephenson. 2,146,603; Feb. 7.
Reversible seat. R. Burnham. 2,148,187; Feb. 21.
Reversible seat. R. Burnham. 2,176,390; Oct. 17.
Reversible single-line feeder. D. R. Hillis. 2,143,733; Jan. 10.
Reversible single-line feeder. D. R. Hillis. 2,180,632: Nov. 21.
Reversing arrangement for document reproducing machines. A. E. Schubert. 2,165,418; July 11.
Revolving door. E. Peremi and C. Kish. 2,148,035; Feb. 21.
Rheostat. A. O. Henton and A. F. Drewett. 2,155,309; Apr. 18.
Rheostat and switch, Combined. J. H. Cohen. 2,179,686; Nov. 14.
Rheostat, Friction clutch. E. G. Lodge. 2,172,011; Sept. 5.
Rheostat, Pressure responsive. M. Klein and B. Willach. 2,152,262; Mar. 28.
Rheostat switch. H. W. Batcheller. 2,144,137; Jan. 17.
Rheostat switch. H. W. Batcheller. 2,165,199; July 11.
Rheostat, Vernier. W. G. McAllister and O. S. Michael. 2,176,090; Oct. 17.
Ribbon, Cellulosic. M. Katz. 2,156,501; May 2.
Ribbon mechanism. R. C. Coxhead. 2,161,856; June 13.
Ribbon mechanism for typewriters and like machines, Ink. J. P. O'Halloran. 2,148,217; Feb. 21.
Ribbon, Packaging of. R. G. Buser. 2,155,641; Apr. 25.
Ribbon strips, Producing multilayer. B. C. Miller. 2,166,819; July 18.
Ribbon wiring. G. P. Schwabacher. 2,158,867; May 16.
Ribose, Preparing. F. P. Phelps. 2,152,662; Apr. 4.
Ribs of loom reeds and the like, Encasing the. E. R. Bond and C. A. Hobbs. 2,149,204; Feb. 28.
Rice canning process. N. C. Coan. 2,161,119; June 6.
Rice cleaning machine. K. Mōri. 2,173,630; Sept. 19.
Ricer and press for fruits and vegetables, Potato. I. J. Fedje. 2,160,329; May 30.
Ridge busting device for farm tractors. C. T. Peacock. 2,164,543; July 4.
Ridge cutting assembly. E. D. Green. 2,177,103; Oct. 24.
Ridge leveling attachment for tractor cultivators. L. M. Lewison. 2,179,793; Nov. 14.
Riffle, Sluice box. P. Swedman. 2,183,157; Dec. 12.
Rifle, Air. H. Schmeisser. 2,172,036; Sept. 5.
Rifle, Automatic. H. O. Eiane. 2,144,241; Jan. 17.
Rifle range, Electric. W. P. Falkenberg. 2,159,141; May. 23.
Rifle, Swing bolt action. E. L. Ahern. 2,147,185; Feb. 14.
Rifle telescope sight. W. R. Weaver. 2,180,184; Nov. 14.
Rig, Rock drilling. J. C. Curtis. 2,174,415; Sept. 26.
Rigging. R. Rummler. 2,170,914; Aug. 29.
Right and left hand wrench, Dual reversible. E. A. Pack. 2,185,002; Dec. 26.
Rim assembly and making same. H. L. Mueller. 2,172,254; Sept. 5.
Rim construction for pianos. W. M. Day. 2,161,139; June 6.
Rim for rubber tire tractors and implements, Skid. F. Sawer. 2,172,990; Sept. 12.
Rim for vehicle wheels, Collapsible. W. G. Lyons. 2,147,377; Feb. 14.
Rim former, Bite. M. L. Green. 2,173,879; Sept. 26.
Rim, Metal wheel. E. E. Slick. 2,150,810; Mar. 14.
Rim mounting. W. J. Jaeger. 2,175,294; Oct. 10.
Rim, Tire. W. S. Brink. 2,149,205; Feb. 28.
Rim, Tire. W. S. Brink. 2,164,984; July 4.
Rim, Tire. W. F. Errig. 2,150,650; Mar. 14.
Rim, Wheel. N. B. Stone. 2,178,502; Oct. 31.
Rimless spectacle mounting. E. D. Harbour. 2,178,038; Oct. 31.
Ring: *See*—
Barrel ring.
Bushing ring.
Expander ring.
Finger ring.
Furnace roof ring.
Oil ring.
Ornamental ring.
Packing ring.
Piston ring.
Pitman lock ring.
Rubber sealing ring.
Shower ring.
Tank reinforcing ring.
Twister ring.
Wool abrading ring.
Ring. E. M. Lovell. 2,151,607; Mar. 21.
Ring. E. Moldenhauer. 2,182,876; Dec. 12.
Ring. M. Moss. 2,168,490; Aug. 8.
Ring and making it, Finger. J. Karlan. 2,150,446; Mar. 14.
Ring binder. C. C. Cruzan. 2,158,056; May 16.
Ring binder and making the same. C. D. Trussell. 2,144,581; Jan. 17.
Ring blank and making same, Finger. S. H. Garner. 2,164,060; June 27.
Ring book mechanism. C. R. Ehrlund and J. E. Magnusson. 2,174,625; Oct. 3.
Ring closure of aromatic compounds with the aid of hydrofluoric acid. W. S. Calcott, J. M. Tinker, and A. L. Linch. 2,174,118; Sept. 26.
Ring for sealing the pistons and piston rods, Packing. J. Rais. 2,153,025; Apr. 4.
Ring for spinning, doubling, or twisting frames. T. K. Powrie. 2,169,709; Aug. 15.
Ring for tunnel linings, Expanding. A. W. Spaulding. 2,148,783; Feb. 28.
Ring for use with screwed pipe joints or couplings, Metal packing. H. Kreidel. 2,171,217; Aug. 29.
Ring forming mechanism. S. G. Smith. 2,145,461; Jan. 31.
Ring hammer mill. S. D. Hartshorn. 2,143,068; Jan. 10.
Ring pull. C. J. Stiff. 2,177,554; Oct. 24.
Ring spinning frame. E. Reich. 2,168,449: Aug. 8.
Ring timber connector. J. E. Myer. 2,150,141; Mar. 7.
Rings, Apparatus for casting finger. F. H. Curl. 2,150,962; Mar. 21.
Rings, Apparatus for making metal. T. G. Monahan. 2,143,707; Jan. 10.
Rings from cement kilns, Apparatus for removing. R. E. Boehler. 2,172,119; Sept. 5.
Rings, Making finger. J. Karlan. 2,150,447; Mar. 14.

Ripper. J. M. Corbett. 2,153,038; Apr. 4.
Rivet. A. D. Rhodes. 2,154,012; Apr. 11.
Rivet and applying the same. C. W. Cherry. 2,183,543; Dec. 19.
Rivet and making riveted joints. F. M. Young. 2,174,678; Oct. 3.
Rivet and securing resilient blanket to support, Resilient. C. B. Schneible. 2,172,132; Sept. 5.
Rivet and setting the same. L. C. Huck. Re. 21,058; Apr. 25.
Rivet holder. E. D. Taylor, L. A. Ward, and B. W. Weisel. 2,148,883; Feb. 28.
Rivet setting device. A. S. Gorshkoff. 2,170,323; Aug. 22.
Rivet setting machine. F. L. Sheane. 2,179,900; Nov. 14.
Rivet, Tubular. H. E. Waner. 2,149,199; Feb. 28.
Riveted joint. W. Haupt. 2,181,550; Nov. 28.
Riveter. G. H. Kessler and W. Meier. 2,169,423; Aug. 15.
Riveting. E. M. Bettington. 2,146,461; Feb. 7.
Riveting and other striking work, Apparatus for crosswise. E. Becker. 2,147,687; Feb. 21.
Riveting and punching or like apparatus, Explosively actuated under water. P. Cox. 2,166,041; July 11.
Riveting, Flush or countersunk. E. Becker. 2,147,763; Feb. 21.
Riveting machine. F. C. Snyder and G. C. Brown. 2,156,167; Apr. 25.
Riveting machine and the like. H. A. Tomkins. 2,163,440; June 20.
Riveting machine for mattress borders. S. Marsack and W. Loeffler, Jr. 2,172,446; Sept. 12.
Riveting tool. P. Van Sittert and J. H. Engeln. 2,164,970; July 4.
Rivets, Cutting and setting. F. F. Heller. 2,163,683; June 27.
Rivets, Process and apparatus for making. E. R. Frost. 2,170,556; Aug. 22.
Road-building apparatus. J. H. Mosel. 2,162,665; June 13.
Road building machine. F. E. Arndt. 2,160,193; May 30.
Road building machine. R. W. Keeler. 2,169,916; Aug. 15.
Road building machine. F. W. Loos and N. A. Knight. 2,176,534; Oct. 17.
Road cleaning device. C. Wisher. 2,180,269; Nov. 14.
Road construction. A. R. Chambers. 2,183,253; Dec. 12.
Road construction. H. A. Ingalls. Re. 21,262; Nov. 14.
Road construction. R. J. Shaw. 2,181,670; Nov. 28.
Road construction. F. G. Small. Re. 20,191; Aug. 29.
Road contraction joint. R. R. Robertson. 2,145,951; Feb. 7.
Road-grading device. E. W. Bayes. 2,168,664; Aug. 8.
Road joint. R. R. Robertson. 2,158,637; May 16.
Road joint, Concrete. C. Older. 2,166,220; July 18.
Road machine. B. H. Flynn. 2,181,320; Nov. 28.
Road machine. C. G. Fuller. 2,184,913; Dec. 26.
Road machine. R. Gedstad. 2,148,809; Feb. 29.
Road machine. J. B. Jarmin. 2,143,225; Jan. 10.
Road oiling machine. G. B. Fawley. 2,152,407; Mar. 28.
Road planer. F. E. Arndt. 2,160,376; May 30.
Road-rail vehicle. F. K. Fildes. 2,157,651; May 9.
Road roller. R. W. Keeler. 2,169,917; Aug. 15.
Road sanding device. M. L. Bascom. 2,173,573; Sept. 19.
Road strip. J. M. Paver. 2,163,960; June 27.
Road surfacing device. E. J. Branson. 2,155,889; Apr. 25.
Road testing machine. O. E. Troyer. 2,175,496; Oct. 10.
Road tool. J. G. Tullis. 2,155,571; Apr. 25.
Roadway for toy electric vehicles. A. E. Cullen. 2,166,752; July 18.
Roadways, Defining. O. K. Jelinek. 2,182,697; Dec. 5.
Road working machine. F. E. Arndt. 2,142,985; Jan. 10.
Road working machine. W. K. Beckham and F. E. Armstrong. 2,142,262; Jan. 3.
Road working machine. J. A. McBrady. 2,148,568; Feb. 28.
Roads, Apparatus for building. J. H. Mosel. 2,159,509; May 23.
Roads, Method and apparatus for building. J. H. Mosel. 2,169,987; Aug. 15.
Roast rack. M. Botti. 2,152,023; Mar. 28.
Roaster, Coffee. D. W. Adams and R. L. Schuhmann. 2,172,603; Sept. 12.
Roaster, Electric. B. F. Parr. 2,156,215; Apr. 25.
Roasting and brewing coffee, Method of and apparatus for. E. H. Havis. 2,168,797; Aug. 8.
Roasting and smelting furnace. H. W. Jaeger. 2,177,654; Oct. 31.
Roasting machine. N. Finizio. 2,181,847; Nov. 28.
Roasting machine. C. Zmay. 2,162,793; June 20.
Roasting, Process and apparatus for. M. M. Jalma and H. Coutinho. 2,159,027; May 23.
Robe, Convertible. H. Kupperblatt. 2,145,726; Jan. 31.
Robe, Sleeping. H. C. Bulpit and S. S. Holden. 2,151,462; Mar. 21.
Robe, Sport. J. A. and J. F. Maker. 2,146,400; Feb. 7.
Robot brake control. E. Neuschastle. 2,161,426; June 6.
Rock and evaporated salt, Treating. M. Segura. 2,174,450; Sept. 26.
Rock asphalt paving mixture and method of making, Cold laid. J. H. Conzelman. 2,160,833; June 6.
Rock bit. A. C. Catland. 2,170,320; Aug. 22.
Rock bit. A. C. Catland. 2,177,866; Oct. 31.
Rock bit. L. A. Gauthey. 2,160,852; June 6.
Rock drill. W. M. Alexander. 2,148,420; Feb. 28.
Rock drill. E. G. Gartin. 2,154,445; Apr. 18.
Rock drill. E. G. Gartin. 2,169,637; Aug. 15.
Rock drill. F. M. Slater. 2,168,541; Aug. 8.
Rock drill. W. A. Smith, Sr. 2,162,036; June 13.
Rock drill. B. H. Urschel. 2,145,466; Jan. 31.
Rock drill, Detachable bit. C. E. Cook. 2,144,832; Jan. 24.
Rock drilling and dust removal therefor. G. S. Kelley. 2,144,586; Jan. 17.
Rock drilling mechanism. J. G. Graham. 2,183,793; Dec. 19.
Rock drilling mechanism. C. F. Osgood. 2,165,904; July 11.
Rock, Flotation of phosphate. H. L. Mead and J. L. Weaver. 2,156,245; Apr. 25.
Rock or the like, Method of and apparatus for cleaving or splitting. K. P. Billner. 2,145,473; Jan. 31.
Rock to eliminate fluorine, Treating phosphate. R. L. Copson. 2,143,865; Jan. 17.
Rock wool, Manufacture of. W. E. Tyler, P. R. Chamberlain, and R. A. Loveland. 2,155,107; Apr. 18.
Rocker arm. J. F. Cailloux and P. M. Rea. 2,170,184; Aug. 22.
Rocker arm. J. M. Leake. 2,176,083; Oct. 17.
Rocker arm bearing. R. Chilton. 2,158,272; May 16.
Rocker arm construction. C. Farris. 2,151,755; Mar. 28.
Rocking chair. W. S. Piper. 2,164,163; June 27.

Rod: *See*—

Cast iron welding rod.	Grounding rod.
Connecting rod.	Pistol rod.
Curtain rod.	Steel welding rod.
Drape rod.	Welding rod.
Engine connecting rod.	Zinc ground rod.
Fishing rod.	

Rod adapter, Draw. E. H. Wagner. 2,163,817; June 27.
Rod and bracket, Curtain. B. E. Moriarty. 2,170,570; Aug. 22.
Rod and crankpin assembly, Multiple double action connecting. J. H. and J. M. Jerrell, Jr. 2,179,185; Nov. 7.
Rod and hard overlay deposited therefrom, Welding. J. T. Eash and T. J. Wood. 2,184,518; Dec. 26.
Rod and piston assembly, Connecting. L. A. Longley. 2,178,484; Oct. 31.
Rod and reel case, Protective. J. H. Fisher. 2,149,087; Feb. 28.
Rod and reel, Fishing. V. J. Kolosso. 2,179,413; Nov. 7.
Rod and reel, Salt water. A. A. Cabassa. 2,182,423; Dec. 5.
Rod and reel stabilizer. C. W. Roberts. 2,146,350; Feb. 7.
Rod and ski clamp and carrier, Fishing. R. White and W. C. Daniels. 2,171,053; Aug. 29.
Rod and the like, Connecting. R. Wintzer. 2,146,493; Feb. 7.
Rod and tubing pulling machine. M. L. Dennis. 2,153,793; Apr. 11.
Rod assembly for radial engines, Connecting. J. Schubert. 2,160,444; May 30.
Rod baking equipment. J. R. Morrison and K. B. Lewis. 2,156,303; May 2.
Rod bending apparatus. P. J. Cotter and M. D'Onofrio. 2,183,329; Dec. 12.
Rod bending apparatus, Rotary. A. S. Terhaar. 2,148,914; Feb. 28.
Rod butt cap and hook holder. C. T. Pflueger. 2,144,122; Jan. 17.
Rod case. T. L. Smith. 2,143,720; Jan. 10.
Rod coupling. P. R. Betzing. 2,168,759; Aug. 8.
Rod end and bearing, Spherically formed connecting. R. Chilton. 2,146,530; Feb. 7.
Rod for car couplers, Operating. V. E. Sisson. 2,184,818; Dec. 26.
Rod for firearms, Cleaning. J. Frisone. 2,146,673; Feb. 7.
Rod guide for pumps, Adjustable. E. W. Ostrom. 2,180,719; Nov. 21.
Rod holder. J. B. Hadaway. 2,143,109; Jan. 10.
Rod line idler. D. Erickson. Re. 21,049; Apr. 18.
Rod mechanism for radical engines or pumps, Masterless connecting. B. Kahn. 2,166,909; July 18.
Rod selector mechanism. Automatic. R. Anke. 2,171,967; Sept. 5.
Rod threading device, Curtain. H. Auslander. 2,170,674; Aug. 22.
Rod trimming device. S. C. Osberg. 2,153,431; Apr. 4.
Rod weeder chain tightener. A. D. Edgington. 2,148,370; Feb. 21.
Rods or tubing, Apparatus for drawing and severing glass. C. A. Brown and F. B. Van Sickle. 2,157,067; May 2.
Rodent trap. W. W. Allen. 2,169,783; Aug. 15.
Roentgenometer. S. Yeda. 2,168,464; Aug. 8.
Roll, Abrading. E. E. Price. 2,158,014; May 9.
Roll adjusting means. G. W. von Hofe. 2,161,325; June 6.
Roll bearing. W. C. McBain. 2,159,337; May 23.
Roll changing apparatus for printing presses. H. L. McCleery. 2,147,617; Feb. 14.
Roll clearing. P. Drewsen. 2,155,083; Apr. 18.
Roll, Composite. W. H. Melaney. 2,155,610; Apr. 25.
Roll, Covering a cylinder. C. L. Gleeson. 2,162,947; June 20.

Roll dispensing hanger. T. W. Mullen. 2,174,802; Oct. 3.
Roll, Drying. R. R. Laing. 2,151,049; Mar. 21.
Roll, Drying. H. J. Rowe. 2,151,048; Mar. 21.
Roll, especially suitable for use in paper making machines. W. H. Millspaugh. 2,168,233; Aug. 1.
Roll finishing device. G. W. Owens. 2,144,686; Jan. 24.
Roll for grinding and polishing. H. R. Herchenrider. 2,145,418; Jan. 31.
Roll for heat treating furnaces. H. Klouman. 2,156,395; May 2.
Roll for Jordan type paper pulp refiners. A. E. Bridge. 2,146,791; Feb. 14.
Roll for lithographic presses, Dampening. C. W. Jones. 2,149,606; Mar. 7.
Roll for paper machines, Self-adjusting felt. M. T. Weston. 2,163,163; June 20.
Roll for sound film apparatus, Pressure. D. O. Landis. 2,168,572; Aug. 8.
Roll for winding and like machines, Traversing. E. F. Parks. 2,184,723; Dec. 26.
Roll forging machine. J. H. Gettig. 2,165,543; July 11.
Roll, Forming machine. C. Firth. 2,182,842; Dec. 12.
Roll forming-machine, Turret type. J. R. Freeze. 2,179,849; Nov. 14.
Roll handling device. C. E. Moore. 2,181,461; Nov. 28.
Roll handling tool. W. R. Duda. 2,165,921; July 11.
Roll heater. E. B. Dunkak. 2,153,958; Apr. 11.
Roll holder. R. S. Sanford. 2,181,207; Nov. 28.
Roll material dispenser. A. P. Crotts. 2,154,440; Apr. 18.
Roll mill. F. De Benedetti. 2,156,584; May 2.
Roll of paper for high speed pasters. D. G. Bernard. 2,149,832; Mar. 7.
Roll of paper for high speed pasters, Preparing a. D. G. Bernard. 2,149,833; Mar. 7.
Roll paper cutter. N. B. Currier. 2,152,031; Mar. 28.
Roll picker. W. B. Jackson. 2,151,111; Mar. 21.
Roll, Pin ticket. J. Weimont. 2,165,672; July 11.
Roll pressure device for fulling mills, Balanced top. W. J. Simonds and R. C. Jefferson. 2,146,450; Feb. 7.
Roll, Printing. A. L. Freedlander. 2,156,385; May 2.
Roll refiner and the like. G. R. Baker and J. C. Paterson. 2,168,383; Aug. 8.
Roll, Stretch. J. Steiner. 2,169,169; Aug. 8.
Roll, Top. R. D. Brouwer, T. C. Delaval-Crow, and L. D. Cobb. 2,150,796; Mar. 14.
Roll treatment, Method and apparatus for. G. J. Buckner. 2,146,793; Feb. 14.
Roll-winding mechanism. A. O. Mickelson and L. C. Schillo. 2,171,667; Sept. 5.
Roller; *See*—
Portable road roller.
Roller and grader, Combined road. E. V. Biles. 2,154,720; Apr. 18.
Roller and making the same, Sponge rubber. J. W. Leary. 2,167,215; July 25.
Roller bearing. J. B. Baker. 2,142,931; Jan. 3.
Roller bearing. A. H. Goldsworthy. 2,155,897; Apr. 25.
Roller bearing, Double row. P. Klamp. 2,142,946; Jan. 3.
Roller bearing, Double row. W. L. Scribner. 2,160,420; May 30.
Roller bearing, Double row. H. R. Slusser. 2,142,958; Jan. 3.
Roller bearing, Taper. W. L. Scribner. 2,166,377; July 18.
Roller bit. M. D. Carleton. 2,168,192; Aug. 1.
Roller bit. R. R. Crum. 2,171,057; Aug. 29.
Roller bit. J. T. Phipps. 2,145,573; Jan. 31.
Roller bit. H. C. Smith and J. T. Phipps. 2,165,584; July 11.
Roller bit bearing. R. P. Fisher. 2,155,040; Apr. 18.
Roller, Burr. L. C. Mundt and A. L. Roco. 2,174,803; Oct. 3.
Roller chain bearing. J. E. Lee. 2,171,854; Sept. 5.
Roller construction. G. E. Gravenstine. 2,173,298; Sept. 19.
Roller construction, Cooky. F. C. Werner. 2,172,148; Sept. 5.
Roller, Covered. F. V. Tischer. 2,152,612; Mar. 28.
Roller, Ductor. J. L. Blackley. 2,181,798; Nov. 28.
Roller, Floor tool. D. B. Replogle. 2,175,646; Oct. 10.
Roller for cinematograph apparatus, Feed and guide. W. Scupin. 2,163,470; June 20.
Roller for compacting materials used in various types of surfacing, Power. B. C. Steed and H. B. Wentz. 2,164,845; July 4.
Roller for duplicators, Impression. F. Nigra. 2,152,561; Mar. 28.
Roller for offset presses, Water control. R. C. Delaplane. 2,162,248; June 13.
Roller for potato diggers and the like, Cone. A. E. Young. 2,171,779; Sept. 5.
Roller for trucks, Load. J. J. Willis. 2,148,224; Feb. 21.
Roller for use in printing. S. V. Beaune. 2,143,617; Jan. 10.
Roller, Metal coated. C. G. Watson. 2,161,905; June 13.
Roller mill. G. Jack. 2,185,150; Dec. 26.
Roller, Moving stair. P. W. Dempsey. 2,145,343; Jan. 31.
Roller, Pad. F. J. Loomis and E. W. Reynolds. 2,178,208; Oct. 31.
Roller rail unit. H. H. Harris. 2,172,377; Sept. 12.
Roller retainer ring and race member assembly for roller bearings. V. L. Barr. 2,166,673; July 18.
Roller, Rubber tired. F. K. Kilian. 2,149,349; Mar. 7.
Roller seal construction, Track. D. B. Baker, C. R. Rogers, and W. O. Bechman. 2,180,134; Nov. 14.
Roller, Sectional ductor. R. H. Gibb. 2,154,896; Apr. 18.
Roller side bearing. A. B. Severn. 2,156,706; May 2.
Roller skate brake. T. R. Goettie. 2,179,592; Nov. 14.
Roller spring alignment clamp. C. L. Hahn. 2,178,905; Nov. 7.
Roller structure. G. Waalkes. 2,161,210; June 6.
Roller, Track. D. B. Baker and C. R. Rogers. 2,179,875; Nov. 14.
Roller, Track. N. O. Panzegrau and S. T. Hoener. 2,179,860; Nov. 14.
Roller unit. H. H. Harris. 2,172,376; Sept. 12.
Roller with balls, Hammering. O. Michalk. 2,167,181; July 25.
Rollers, Apparatus for sectioning of inking. H. E. Lambert. 2,150,174; Mar. 14.
Rollers for use in producing profiled sections from sheet metal. E. Penkala. 2,159,290; May 23.
Rollers of comminuting apparatus, rolling mills, and the like, Apparatus for controlling the pressure of the. J. Reichert. 2,143,498; Jan. 10.
Rollers of sawing machines, Apparatus for actuating the pressure. K. E. Evrell. 2,166,627; July 18.
Rollers used in textile printing, Apparatus for the photographic production of outlines for engraved. H. Kindermann. 2,144,066; Jan. 17.
Rollerway. J. Sammon. 2,158,865; May 16.
Rolling bearing, Sleeve-type. J. A. Smitmans. 2,161,768; June 6.
Rolling-in machine. G. A. Visser, F. E. Deremer, and J. T. Sprott. 2,157,252; May 9.
Rolling, Method of. W. C. McBain. 2,166,418; July 18.
Rolling mill. E. R. Norris. 2,174,195; Sept. 26.
Rolling mill. K. Rosenbaum. 2,150,248; Mar. 14.
Rolling mill. T. Sendzimir. 2,170,732; Aug. 22.
Rolling mill. H. H. Wood. 2,155,747; Apr. 25.
Rolling mill, Cooling. W. Rohn. 2,150,340; Mar. 14.
Rolls, Apparatus for casting cylindrical. J. S. Zahn. 2,173,955; Sept. 26.
Rolls, Grooving inking. A. B. Davis. 2,150,155; Mar. 14.
Rolls in a printing machine, Method and means for renewing web. C. W. Ginsberg and R. A. Freeman. 2,160,855; June 6.
Rolls, Manufacture of cane crushing. F. Hegenbarth. 2,150,278; Mar. 14.
Rolls, Roughening. J. M. McColloch. 2,146,683; Feb. 7.
Rolls, Surfacing of inking. W. A. Lippincott and B. W. Hubbard. 2,172,394; Sept. 12.
Roof. O. V. Bumpas and W. G. Smith. 2,160,642; May 30.
Roof. F. Gettelman. 2,150,217; Mar. 14.
Roof. V. L. Lagarda. 2,167,048; July 25.
Roof and floor construction. E. C. Hoge. 2,174,581; Oct. 3.
Roof, Car. W. E. Bikle. 2,174,612; Oct. 3.
Roof, Car. D. W. Hawksworth. 2,174,631; Oct. 3.
Roof, Car. K. F. Nystrom. 2,155,677; Apr. 25.
Roof, Car. K. F. Nystrom. 2,181,857; Nov. 28.
Roof, Car. W. D. Thompson. 2,167,396; July 25.
Roof, Car. W. D. Thompson and D. W. Hawksworth. Re. 21,062; Apr. 25.
Roof construction. R. L. Davison. 2,166,943; July 25.
Roof construction. H. S. Smalley, Jr. 2,167,592; July 25.
Roof construction. S. Szegö. 2,147,863; Feb. 21.
Roof construction and laying roll roofing. F. Sherriff. 2,144,168; Jan. 17.
Roof construction and method of assembly, Vehicle. A. G. Dean. 2,171,426; Aug. 29.
Roof construction and roofing element therefor. J. B. Peebles. 2,151,794; Mar. 28.
Roof construction, Arched. F. Förster. 2,183,451; Dec. 12.
Roof construction, Furnace. H. A. Morlock. 2,158,759; May 16.
Roof construction, Furnace. C. F. Pollen. 2,163,435; June 20.
Roof construction, Random thatch. C. C. Schuetz and F. B. Burns. 2,171,010; Aug. 29.
Roof construction, Tile. A. O. Munsey. 2,152,080; Mar. 28.
Roof construction, Vehicle. F. E. Dayes. 2,159,783; May 23.
Roof, Flat metal-covered. A. W. Pattiani. 2,169,428; Aug. 15.
Roof for vehicle bodies, Opening. J. King. 2,155,275; Apr. 18.
Roof for vehicles, Sliding. W. H. Bishop. 2,156,615; May 2.
Roof, Furnace. R. P. Heuer. 2,155,165; Apr. 18.
Roof, Heat-insulating. R. H. Smith. 2,164,790; July 4.
Roof, Insulated. W. D. Thompson. 2,164,890; July 4.
Roof panel device. R. W. Creteur. 2,155,357; Apr. 18.
Roof seaming machine. O. R. Maxfield. 2,160,336; May 30.
Roof seaming tool. G. W. Wiese. 2,143,339; Jan. 10.
Roof, Sheet metal covered. A. W. Pattiani. 2,143,166; Jan. 10.
Roof speaker mounting. J. H. Little. 2,165,637; July 11.
Roof structure. R. M. Calkins. 2,147,240; Feb. 14.

Roof structure, Metal. D. R. Murphy. 2,183,844; Dec. 19.
Roof structure, Vehicle. D. I. Melhado. 2,148,318; Feb. 21.
Roof, Suspended furnace. R. P. Heuer. 2,154,813; Apr. 18.
Roofing. F. P. Goldschmidt, Sr. 2,144,678; Jan. 24.
Roofing. P. Logan. 2,165,866; July 11.
Roofing. M. G. O'Reilly. 2,150,883; Mar. 14.
Roofing. J. Schlösinger. 2,157,189; May 9.
Roofing, Asphalt. P. Rumer. 2,182,526; Dec. 5.
Roofing clamp. C. J. Camp. 2,183,008; Dec. 12.
Roofing clip. J. B. Hunt. 2,176,344; Oct. 17.
Roofing cutter. C. C. Krajiček. 2,145,985; Feb. 7.
Roofing element. R. C. McKinnie. 2,182,444; Dec. 5.
Roofing element. O. Stein. 2,174,098; Sept. 26.
Roofing, Flexible cement. H. W. Greider and G. A. Fasold. 2,153,887; Apr. 11.
Roofing granule and making. C. L. Colbert. 2,170,445; Aug. 22.
Roofing granule, Colored. H. R. Gundlach. 2,163,678; June 27.
Roofing granules. C. L. Jewett. 2,164,329; July 4.
Roofing granules, Coloring. H. R. Gundlach and P. Teetor. 2,163,679; June 27.
Roofing or siding material. H. T. Lyman. 2,148,167; Feb. 21.
Roofing or surfacing material. S. L. Eason. 2,160,845; June 6.
Roofing, Permanent. G. M. Larrison. 2,169,651; Aug. 15.
Roofing, Sheet metal. M. L. Hunker. 2,163,840; June 27.
Roofing, Sheet metal. W. T. Williams. 2,166,275; July 18.
Roofing structure. J. Kahn and W. F. Schulz. 2,153,119; Apr. 4.
Roofing-truss structure. J. S. Edison. 2,159,589; May 23.
Roofs, Apparatus for raising. J. A. Stalfort. 2,160,446; May 30.
Roofs, Reconditioning shingled. H. W. Hudson. 2,171,850; Sept. 5.
Room, Cold storage locker. R. W. Smith. 2,165,513; July 11.
Room cooling apparatus. R. S. Nelson. Re. 21,298; Dec. 12.
Room cooling outfit, Portable. A. J. Lichty. 2,163,691; June 27.
Room, Fruit curing. B. C. Skinner. 2,177,129; Oct. 24.
Room heater. R. Hoffman. 2,162,084; June 13.
Rooms, System for ventilating. G. Bojner. 2,184,484; Dec. 26.
Roost, Poultry. W. F. Niemeyer. 2,169,499; Aug. 15.
Root divider, Oral. G. A. Hoskins. 2,154,751; Apr. 18.
Rope. A. J. Rick. 2,181,344; Nov. 28.
Rope and belt, Life saving. J. Frankel. 2,166,809; July 18.
Rope center, Wire. F. H. Ellsworth and C. W. Walker. 2,147,118; Feb. 14.
Rope center, Wire. F. R. Metcalf. 2,184,502; Dec. 26.
Rope clamp. W. E. Patrick. 2,179,516; Nov. 14.
Rope coupling. A. E. Brickman and G. A. Gleason. 2,157,227; May 9.
Rope fastener. A. L. Fleury. 2,154,610; Apr. 18.
Rope fastener. E. L. Redfield. 2,151,664; Mar. 21.
Rope making machine. P. J. Roche. 2,149,312; Mar. 7.
Rope measuring device. G. A. Witt. 2,165,776; July 11.
Rope or cable, Wire. W. E. Somerville. 2,162,130; June 13.
Rope, Strand-carried multiple conductor wire. W. T. Wells. 2,167,098; July 25.
Rope structure. C. Howell. 2,176,422; Oct. 17.
Rope, Wire. E. J. Reardon. 2,181,341; Nov. 28.
Rosin esters and product thereof, Treating. P. Schnorf. 2,154,704; Apr. 18.
Rosin, Non crystallizing gum. S. Palkin and W. C. Smith. 2,176,660; Oct. 17.
Rosin, Purifying wood. R. E. Price. 2,181,791; Nov. 28.
Rosin, Refining. J. N. Borglin. 2,145,335; Jan. 31.
Rosin, Refining. B. M. Vanderbilt. 2,150,138; Mar. 7.
Rosin, Refining. B. M. Vanderbilt. 2,170,956; Aug. 29.
Rotary ball mill. E. G. Sunfelt. 2,183,156; Dec. 12.
Rotary bit. C. A. Dean. 2,181,395; Nov. 28.
Rotary block press. H. Köhler. 2,183,196; Dec. 12.
Rotary compressor-motor. J. E. Stevens. 2,148,282; Feb. 21.
Rotary cutter. A. L. Geitner. 2,173,780; Sept. 19.
Rotary Diesel engine. B. G. Jutting. 2,170,414; Aug. 22.
Rotary drier. H. F. Roland. 2,162,973; June 20.
Rotary-drill well bit. W. A. Abegg. 2,168,640; Aug. 8.
Rotary drilling bit, Fluid operated. J. A. Zublin. 2,154,553; Apr. 18.
Rotary engine. C. and L. Bartlett. 2,159,544; May 23.
Rotary engine. M. B. Booth. 2,181,962; Dec. 5.
Rotary engine. E. E. Bowers and C. M. Tumey. 2,162,055; June 13.
Rotary engine. R. P. Glenn. 2,176,812; Oct. 17.
Rotary engine. J. E. Horner. 2,156,180; Apr. 25.
Rotary engine. W. C. Johnson. 2,175,265; Oct. 10.
Rotary engine. R. Mabille. 2,143,738; Jan. 10.
Rotary engine. J. E. Raymond. 2,173,663; Sept. 19.
Rotary engine, Hydraulic. C. O. J. Montelius. 2,171,146; Aug. 29.
Rotary engine, Internal combustion. J. R. Walton. 2,148,312; Feb. 21.
Rotary gas burner. E. L. Dennis. 2,177,245; Oct. 24.
Rotary hammer mill. T. C. Alfred. 2,172,096; Sept. 5.
Rotary impact tool. J. De Mooy. 2,174,314; Sept. 26.
Rotary internal combustion motor. J. M. Wolf. 2,154,370; Apr. 11.
Rotary machine. W. G. Black and C. L. Brewster. 2,182,938; Dec. 12.
Rotary machine. G. E. Campbell. 2,176,788; Oct. 17.
Rotary machine. W. D. Davidson. 2,183,012; Dec. 12.
Rotary machine. R. T. Knapp. 2,154,456–7; Apr. 18.
Rotary machine. J. D. Spalding. 2,172,777; Sept. 12.
Rotary meter. W. H. Marsh and F. S. Brooks. 2,155,321; Apr. 18.
Rotary mixer. J. I. Spangler, J. A. Eades, and E. H. Purdy. 2,167,316; July 25.
Rotary motor. J. T. W. Moseley. 2,175,444; Oct. 10.
Rotary printing press. G. J. Prager. 2,142,147–8; Jan. 3.
Rotary pump. H. A. Centervall. 2,159,005; May 23.
Rotary pump. W. Czarnecki. 2,182,072; Dec. 5.
Rotary pump. R. Deming. 2,149,337; Mar. 7.
Rotary pump. J. F. Jaworowski. 2,183,571; Dec. 19.
Rotary pump. D. Murphy. 2,179,858; Nov. 14.
Rotary pump. H. R. Palmer. 2,184,753; Dec. 26.
Rotary pump. F. A. Quiroz. 2,152,498; Mar. 28.
Rotary pump. G. A. Wahlmark. 2,146,037; Feb. 7.
Rotary reel. H. D. Hume and J. E. Love. 2,165,381; July 11.
Rotary rug rack. H. E. Baker. 2,151,677; Mar. 28.
Rotary switch. L. A. Yeske. 2,182,715; Dec. 5.
Rotary tool. E. E. Hindman. 2,151,274; Mar. 21.
Rotary tool. P. Van Sittert. 2,182,416; Dec. 5.
Rotary tool joint. F. J. Hinderliter. 2,147,254; Feb. 14.
Rotary tool joint. F. J. Hinderliter. 2,150,221; Mar. 14.
Rotary vacuum pump. B. R. Ells. 2,147,194; Feb. 14.
Rotary valve. R. Chilton. 2,146,528; Feb. 7.
Rotary valve. R. Chilton. 2,150,541; Mar. 14.
Rotary valve engine. E. G. Baker. 2,156,749; May 2.
Rotary valve engine. R. C. Cross. 2,169,631; Aug. 15.
Rotary well bit. A. C. Catland. 2,154,032; Apr. 11.
Rotation, Apparatus for controlling. H. A. Satterlee. 2,147,674; Feb. 21.
Rotation, Apparatus for controlling. H. A. Satterlee. 2,163,632; June 27.
Rotation indicating switch. H. E. Metcalf. 2,148,489; Feb. 28.
Rotenone by certain esters, Selective extraction of. L. B. Kilgore. 2,149,917; Mar. 7.
Rotenone compositions, Stabilized. L. J. Christmann and D. W. Jayne, Jr. 2,151,651; Mar. 21.
Roto flash Neon sign. J. B. Palermo. 2,143,206; Jan. 10.
Rotor. W. L. Hansen and I. N. Hurst. 2,143,653; Jan. 10.
Rotor, Aerodynamic. T. I. Ash. 2,173,291; Sept. 19.
Rotor, Aircraft sustaining. J. A. J. Bennett and G. B. L. Ellis. 2,173,153; Sept. 19.
Rotor, Aircraft sustaining. A. E. Larsen. 2,151,215; Mar. 21.
Rotor, Aircraft sustaining. A. E. Larsen. 2,155,427; Apr. 25.
Rotor blades for steam or gas turbines, Making. F. A. Wettstein. 2,163,531; June 20.
Rotor, Drop-forged. C. F. Reis. 2,159,820; May 23.
Rotor, Electric generator. F. W. Gay. 2,167,355; July 25.
Rotor for aircraft, Sustaining. T. Theodorsen and E. F. Andrews. 2,172,333–4; Sept. 5.
Rotor for blower fans, Gage type. F. G. Campbell. 2,145,969; Feb. 7.
Rotor for dynamo-electric machines. C. P. Potter. 2,175,915; Oct. 10.
Rotor for magneto electric generator. L. S. Dunham and A. F. Robertson. 2,161,953; June 13.
Rotor generating method and machine. A. A. Nichols. 2,151,483; Mar. 21.
Rotor, Induction motor. W. R. Gorham. 2,159,695; May 23.
Rotor, Pump. D. Murphy. 2,165,808; July 11.
Rotor unit for spraying liquids. H. A. Faber. 2,182,471; Dec. 5.
Rotor, Ventilated cast. F. E. Harrell and F. S. Dobric. 2,176,871; Oct. 24.
Rotors, Construction of airplane sustaining. A. E. Larsen. 2,151,216; Mar. 21.
Roughage mill. J. Holland-Letz. 2,150,230; Mar. 14.
Roughing machine. F. Ricks and J. W. Pratt. 2,179,351; Nov. 7.
Rouging device for buffing wheels. C. R. Moon. 2,177,992; Oct. 31.
Round corner joint. W. T. Green. 2,155,969; Apr. 25.
Rounder. F. Marasso. 2,165,495; July 11.
Route indicating device. H. S. West. 2,144,949; Jan. 24.
Router machine. A. A. Shinn and D. A. Ericson. 2,181,027; Nov. 21.
Router, Portable. H. E. Willard and F. S. Young. 2,146,458; Feb. 7.
Router, Power operated. J. R. Harman. 2,183,258; Dec. 12.
Routing machine. H. A. Sedelmeyer and E. A. Meldrum. 2,177,347; Oct. 24.
Rowboat and tent, Convertible. R. W. St. Dennis. 2,153,282; Apr. 4.
Rowboat, Mechanical. W. K. Coleson. 2,145,586; Jan. 31.
Rubber and making same, Sponge. F. J. Maywald and F. J. Maywald, Jr. 2,150,178; Mar. 14.

Rubber and product, Preserving. S. G. Burroughs. 2,176,881; Oct. 24.
Rubber and product thereof, Preserving. R. F. Dunbrook and B. J. Humphrey. 2,165,623; July 11.
Rubber and products obtained thereby, Vulcanization of. R. L. Sibley. 2,145,808; Jan. 31.
Rubber and products obtained thereby, Vulcanizing. R. L. Sibley. 2,143,455; Jan. 10.
Rubber and products thereof, Treatment of chlorinated. H. Michaelis, Jr. 2,179,980; Nov. 14.
Rubber and spring structure and producing the same, Tubular. E. A. Murphy, G. W. Trobridge, and A. R. Ward. 2,161,080; June 6.
Rubber, Apparatus for molding sponge. H. R. Minor. 2,180,304; Nov. 14.
Rubber, Applying recap. G. O. Beckman. 2,177,165; Oct. 24.
Rubber article, Inflatable. G. W. Becker. 2,143,837; Jan. 17.
Rubber article, Lustrous. L. P. Gould. 2,149,170; Feb. 28.
Rubber article, Making a sponge. R. E. Riley. 2,167,999; Aug. 1.
Rubber articles, Apparatus for vulcanizing. H. Karthaus. 2,160,312; May 30.
Rubber articles, Making. E. A. Hauser. 2,171,552; Sept. 5.
Rubber articles, Making. A. N. Spânel. 2,169,475; Aug. 15.
Rubber articles, Making. A. F. Thener. 2,170,919; Aug. 29.
Rubber articles, Manufacture of. B. J. Habgood and L. B. Morgan. 2,170,947; Aug. 29.
Rubber, Bonding resilient. E. L. Scholl. 2,165,818; July 11.
Rubber chlorides, Making. C. O. North. 2,148,830; Feb. 28.
Rubber coated article. E. C. Domm. 2,184,179; Dec. 19.
Rubber coated objects and method of production. W. W. De Lamatter. 2,154,834; Apr. 18.
Rubber, Coloring. M. Jones, W. F. Smith, and A. Stewart. 2,167,514; July 25.
Rubber, Coloring. W. F. Smith. 2,152,218; Mar. 28.
Rubber composition. W. Becker and A. Koch. 2,143,470; Jan. 10.
Rubber composition and preserving rubber. R. F. Dunbrook. 2,180,936; Nov. 21.
Rubber composition and preserving rubber. W. M. Lauter. 2,153,962; Apr. 11.
Rubber composition and process. W. E. Reichard and R. R. Olin. 2,166,324; July 18.
Rubber composition, Pigmented. H. A. Gardner. 2,155,539; Apr. 25.
Rubber composition, Plasticized synthetic. P. J. Wiezevich, now by judicial change of name to P. J. Gaylor. 2,160,995–7; June 6.
Rubber composition, Plasticized synthetic. P. J. Wiezevich. 2,184,966; Dec. 26.
Rubber compositions. W. E. Reichard and R. R. Olin. 2,161,934; June 13.
Rubber compositions and making the same. A. C. Oriola. 2,143,897; Jan. 17.
Rubber compositions and the like, Making. E. O. Groskopf. 2,164,400; July 4.
Rubber compositions, Vulcanized. H. B. Townsend. 2,165,589; July 11.
Rubber compound and making same. C. H. Fisher 2,176,882; Oct. 24.
Rubber compound and making same. F. J. and F. J. Maywald, Jr. 2,180,906; Nov. 21.
Rubber compounding. J. M. Ball. 2,161,445; June 6.
Rubber compounding. K. H. Engel. 2,153,141; Apr. 4.
Rubber compounds, Process and composition for improving. H. A. Sweet. 2,143,721; Jan. 10.
Rubber curing apparatus. W. W. Knight. 2,166,597; July 18.
Rubber derivative. B. S. Garvey. 2,168,279; Aug. 1.
Rubber derivative composition. E. W. Moffett. 2,149,458; Mar. 7.
Rubber derivatives, Cyclic halogen containing. H. A. Winkelmann and E. W. Moffett. 2,149,484; Mar. 7.
Rubber derivatives, Making. J. McGavack. 2,158,138; May 16.
Rubber dispersion from latex and product, Preparing a concentrated. N. van Harpen. 2,161,731; June 6.
Rubber figure, Seamless. E. Jacobson. 2,152,311; Mar. 28.
Rubber filaments, Production of. M. Draemann. 2,178,955; Nov. 7.
Rubber goods and in allied branches of industry, Producing mixtures for use in the manufacturing of. F. Rostler and V. Mehner. 2,180,367; Nov. 21.
Rubber, Hard expanded. D. Roberts and L. S. Cooper. 2,176,946; Oct. 24.
Rubber hydrochloride, Producing. G. B. Cooke. 2,151,839; Mar. 28.
Rubber hydrohalide, Plasticization of. W. C. Calvert. 2,153,954; Apr. 11.
Rubber hydrohalides and preparing the same. E. H. Morse, W. S. Johnston, and E. L. Mack. 2,158,760; May 16.
Rubber hydrohalides, Pigmented. J. B. Holden. 2,175,801–2; Oct. 10.
Rubber, Increasing the apparent density of chlorinated. W. E. Gloor. 2,182,473; Dec. 5.
Rubberlike compositions, Synthetic. M. C. Agens. 2,156,956; May 2.
Rubber-like material and producing same. T. F. Bradley. 2,155,639; Apr. 25.
Rubberlike polymerization products from vinyl carbazole and solid polymerized isobutylene, M. Mueller-Cunradi and W. Daniel. 2,180,083; Nov. 14.
Rubberlike products and preparation thereof. R. M. Thomas. 2,152,828; Apr. 4.
Rubber, Making corrugated sponge. H. R. Minor. 2,145,731; Jan. 31.
Rubber, Making goods of cellular. A. N. Ward and F. T. Purkis. 2,180,725; Nov. 21.
Rubber, Making sponge. H. R. Minor. 2,156,508; May 2.
Rubber, Manufacture of. H. P. Stevens. 2,147,680; Feb. 21.
Rubber, Manufacture of porous. E. A. Hauser. 2,175,798; Oct. 10.
Rubber, Manufacturing expanded. F. W. Peel. 2,158,083; May 16.
Rubber material, Producing expanded. G. P. Denton. Re. 21,245; Oct. 24.
Rubber mill. E. J. McIlvried and N. H. Nye. 2,182,900; Dec. 12.
Rubber objects of fabric, Method and apparatus for molding and securing. H. Gora. 2,166,490; July 18.
Rubber, Obtainment of artificial. E. Kleiber. 2,150,068; Mar. 7.
Rubber, Obtainment of artificial. E. Kleiber. 2,154,852; Apr. 18.
Rubber of high apparent density, Manufacture of chlorinated. R. L. Stern. 2,165,682; July 11.
Rubber or the like quickly into rubber hydrochloride, Converting natural. G. Mochizuki. 2,164,140; June 27.
Rubber package fabrication. L. L. Salfisberg. 2,161,093; June 6.
Rubber, Plasticizing. I. Williams and C. C. Smith. 2,183,342; Dec. 12.
Rubber, Preservation of. W. Baird and M. Jones. 2,181,719; Nov. 28.
Rubber, Preservation of. W. Baird and M. Jones. 2,184,512; Dec. 26.
Rubber, Preservation of. R. L. Sibley. 2,169,618; Aug. 15.
Rubber, Preservation of. I. Williams and A. M. Neal. 2,144,446; Jan. 17.
Rubber, Preserving. W. P. ter Horst. 2,178,545; Nov. 7.
Rubber, Preserving. R. L. Sibley. 2,176,860; Oct. 17.
Rubber, Preserving. J. Teppema. 2,144,590; Jan. 17.
Rubber process. T. L. Shepherd. Re. 21,090; May 16.
Rubber process. T. L. Shepherd. 2,163,986; June 27.
Rubber process. T. L. Shepherd. 2,178,498; Oct. 31.
Rubber process and product. T. L. Shepherd. 2,155,621; Apr. 25.
Rubber process and product. T. L. Shepherd. 2,157,463; May 9.
Rubber product. H. J. Rittenhouse. 2,156,871; May 2.
Rubber product, Chlorinated. J. G. Moore and L. T. Dod. 2,149,926; Mar. 7.
Rubber, Production of chlorinated. W. H. Stevenson. 2,182,456; Dec. 5.
Rubber products and producing them, Colored. E. Fischer. 2,149,211–12; Feb. 28.
Rubber, Reclaiming and devulcanizing. C. H. Campbell. 2,145,341; Jan. 31.
Rubber, Reclaiming vulcanized. W. G. Essex. 2,154,894; Apr. 18.
Rubber roll. A. L. Freedlander. 2,178,421; Oct. 31.
Rubber sealing ring. J. N. Smith. 2,142,590; Jan. 3.
Rubber sheet, Microporous. E. Hazell. 2,181,891; Dec. 5.
Rubber sheets, Manufacturing cellular. D. Roberts and J. S. Reid. 2,158,086; May 16.
Rubber strips, Making. R. W. Albright. 2,170,441; Aug. 22.
Rubber strips, Method and apparatus for making. F. D. Fowler. 2,164,058; June 27.
Rubber structures and making the same, Production of. E. A. Murphy, G. W. Trobridge, and A. N. Ward. 2,169,847; Aug. 15.
Rubber substitute (factice), Production of. E. Gottesmann. 2,184,076; Dec. 19.
Rubber, Treating. H. R. Minor. 2,148,572; Feb. 28.
Rubber, Treating. E. W. Schwartz and E. T. Croasdale. 2,146,597; Feb. 7.
Rubber treatment. L. H. Howland. 2,183,567; Dec. 19.
Rubber, Treatment of. E. H. Farmer, H. P. Stevens, and J. W. Rowe. 2,171,395; Aug. 29.
Rubber, Treatment of. H. L. Fisher. 2,170,191; Aug. 22.
Rubber vulcanization. A. M. Clifford. 2,158,019; May 9.
Rubber vulcanization. J. G. Lichty. 2,158,021–2; May 9.
Rubber vulcanization. W. E. Messer. 2,143,161; Jan. 10.
Rubber vulcanization. G. W. Watt. 2,161,754; June 6.
Rubber, Vulcanization of. A. M. Clifford. 2,175,792; Oct. 10.
Rubber, Vulcanization of. M. W. Harman. 2,170,453; Aug. 22.
Rubber, Vulcanization of. M. W. Harman. 2,171,305; Aug. 29.
Rubber, Vulcanization of. J. G. Lichty. 2,184,239; Dec. 19.
Rubber, Vulcanization of. W. E. Messer. 2,167,030; July 25.

Rubber, Vulcanization of. W. Scott. 2,173,731; Sept. 19.
Rubber, Vulcanization of. I. Williams. 2,171,421; Aug. 29.
Rubber, Vulcanizing. H. M. Guinot. 2,181,454; Nov. 28.
Rubber, Vulcanizing. N. R. Wilson and A. J. Lang. 2,171,901; Sept. 5.
Rubbing machine. E. R. Mason. 2,170,643; Aug. 22.
Rubbish, Apparatus for sorting household. J. E. F. Cambéssédès. 2,151,894; Mar. 28.
Rudder brake. E. Zindel. 2,144,135; Jan. 17.
Rudder control for aircraft, Automatic. F. Fischer. 2,159,142; May 23.
Ruffle press. M. Florea. 2,171,356; Aug. 29.
Ruffling and stitching machine. F. M. Card. 2,169,579; Aug. 15.
Rug. A. Beck. 2,168,696; Aug. 8.
Rug and filler therefor and producing the same. M. Goldstein. 2,163,337; June 20.
Rug and making same, Flexible smooth surface. F. M. Allen. 2,184,970–1; Dec. 26.
Rug and making the same. T. H. Clack. 2,150,023; Mar. 7.
Rug display means. L. E. Leatherbury. 2,151,387; Mar. 21.
Rug making. T. H. Clack. 2,150,024; Mar. 7.
Rug rolling machine. H. C. and F. J. Baase. 2,174,411; Sept. 26.
Rugs, and frame therefor, Making. T. H. Clack. 2,149,274; Mar. 7.
Rugs, Preventing the slippage of. G. J. Esselen. 2,143,479; Jan. 10.
Rule, Coilable. F. A. Volz. 2,156,907; May 2.
Rule, Coilable measuring. A. L. Stowell. 2,158,024; May 9.
Rule, Coilable measuring. A. L. Stowell and F. A. Volz. 2,156,905; May 2.
Rule device. A. Udell. 2,142,387; Jan. 3.
Rule, Endless slide. H. Gilmore. 2,177,176; Oct. 24.
Rule, Extension. F. O. Carlson. 2,160,304; May 30.
Rule, Lumber. A. Waeltz. 2,166,030; July 11.
Rule, Penetration index slide. P. M. van Doormaal. 2,173,459; Sept. 19.
Rule, Slide. C. M. Bernegau. 2,168,056; Aug. 1.
Rule, Slide. L. M. Kells, W. F. Kern, and J. R. Bland. 2,170,144; Aug. 22.
Rule, Slide. A. W. Keuffel. Re. 20,984; Jan. 24.
Rule, Slide. A. W. Keuffel. 2,143,559; Jan. 10.
Rule, Slide. G. H. Morse. 2,158,476; May 16.
Rules, Mounting an adding and subtracting device on slide. C. Kübler. 2,153,089; Apr. 4.
Ruler. C. H. Little. 2,182,027; Dec. 5.
Ruler, Drafting. C. H. and C. H. Little. 2,182,028; Dec. 5.
Ruler, Penmanship correcting and analyzing. L. E. Dorsey. 2,183,063; Dec. 12.
Ruling instrument. J. R. Zachs. 2,168,694; Aug. 8.
Rumble seat. F. V. Suchanek. 2,164,435; July 4.
Running board for railway cars. D. W. Hawksworth. 2,176,670; Oct. 17.
Running gear. L. J. Jedlicka. 2,174,465; Sept. 26.
Running gear for baby carriages. D. W. Siebert, A. A Greenwood, and A. Lindquist. 2,184,154; Dec. 19.
Runway marker light. W. A. Pennow. 2,184,004; Dec. 19.
Rupture appliance. H. J. Schoeben. 2,182,264; Dec. 5.
Rural mail box. B. Hajicek. 2,149,050; Feb. 28.
Rust inhibitor. E. C. Britton, H. S. Nutting, and P. S. Petrie. 2,164,565; July 4.
Rust preventer. G. J. Thomson. 2,176,514; Oct. 17.
Rustless iron. W. B. Arness. 2,150,901; Mar. 21.
Rustproofing composition. J. C. Zimmer. 2,184,952; Dec. 26.
Saccharate solution, Alkali metal bismuth. C. W. Son dern and G. O. Doak. 2,178,126; Oct. 31.
Saddle. H. E. Crouter. 2,153,326; Apr. 4.
Saddle. F. Mesinger. 2,149,247; Feb. 28.
Saddle, Bicycle. A. D. Hayes. 2,162,399; June 13.
Saddle, Bicycle. A. J. Linder and H. E. Kalter. 2,169,105; Aug. 8.
Saddle construction for velocipedes. B. J. Anderson. 2,181,414; Nov. 28.
Saddle for bicycles, motorcycles, or the like. E. Bergwall. 2,173,224; Sept. 19.
Saddle for cycles. B. N. Lobdell. 2,152,553; Mar. 28.
Saddle for cycles. E. W. Swett. 2,152,572; Mar. 28.
Saddle, Hydraulic. G. Tomsic. 2,148,788; Feb. 28.
Saddle post assembly. W. H. Baumker. 2,178,678; Nov. 7.
Sadiron. E. K. Clark. 2,180,399; Nov. 21.
Sadiron attachment. N. D. Vea. 2,162,140; June 13.
Sadiron construction. H. A. Smith. 2,154,781; Apr. 18.
Sadiron handle structure. R. I. Huffman. 2,147,036; Feb. 14.
Safelight, Photographic. E. M. Lowry. 2,172,249; Sept. 5.
Safety and signaling apparatus, in particular for railway crossings. J. Fryba. 2,158,931; May 16.
Safety apparatus for divers. S. P. Sadloski. 2,155,331; Apr. 18.
Safety apparatus for motor vehicles. C. Stacey. 2,163,988; June 27.
Safety appliance for airplanes. A. Cozzitorto. 2,168,094; Aug. 1.
Safety appliance for painters and the like. E. L. Sorensen. 2,169,298; Aug. 15.
Safety arrangement. F. D. Oesterle. 2,158,635; May 16.
Safety attachment for punch presses. J. H. Ferguson. 2,182,918; Dec. 12.
Safety breather for aircraft engines. L. C. Sline. 2,172,522; Sept. 12.
Safety can. R. J. Anschicks. 2,147,230; Feb. 14.
Safety can. W. A. Lebus. 2,172,142; Sept. 5.
Safety clearance lamp. S. T. Voll. 2,170,600; Aug. 22.
Safety control. R. E. Zeruneith. 2,171,467; Aug. 29.
Safety control, Automobile foot pedal. V. Pomernacki. 2,163,962; June 27.
Safety control equipment. E. E. Hewitt and D. L. McNeal. 2,166,007; July 11.
Safety control for hydraulic brake appliances. M. B. Mayer and F. S. James. 2,160,747; May 30.
Safety control for oil burners. R. F. Andler. 2,173,465; Sept. 19.
Safety control switching mechanism for fluid fuel burners. I. E. McCabe. 2,154,761; Apr. 18.
Safety control system. C. B. Sweatt. 2,154,644; Apr. 18.
Safety crossing device. F. S. Lalor and E. Allen. 2,163,980; June 27.
Safety device. F. C. Best. 2,166,747; July 18.
Safety device. G. E. Brousseau. 2,152,133; Mar. 28.
Safety device. N. C. Cooper. 2,162,326; June 13.
Safety device. W. R. Hickey. 2,184,497; Dec. 26.
Safety device. F. Lambach. 2,169,260; Aug. 15.
Safety device, Automatic. W. E. Jenkins. 2,179,633; Nov. 14.
Safety device, Bus seat. M. B. Sullivan. 2,154,540; Apr. 18.
Safety device for a liquid fuel burner. W. M. Simpson. 2,149,820; Mar. 7.
Safety device for airplanes. J. Martin. 2,161,520; June 6.
Safety device for automatic burners. C. Wedge. 2,171,380; Aug. 29.
Safety device for automatic stopping of various electrically driven machines. J. C. Barefoot. 2,159,960; May 30.
Safety device for automobiles. C. F. Mutter. 2,142,328; Jan. 3.
Safety device for automobile vehicles. G. Soulat. 2,174,846; Oct. 3.
Safety device for automotive vehicles. C. K. Goldstein. 2,159,078; May 23.
Safety device for boilers. F. L. Cormier and H. L. Larson. 2,157,163; May 9.
Safety device for cash registers or the like. E. Zoub. 2,170,362; Aug. 22.
Safety device for cigar shapers. S. Clausen. 2,172,834; Sept. 12.
Safety device for electrical apparatus. O. B. Freeman. 2,152,586; Mar. 28.
Safety device for extension ladders. H. J. Colberg. 2,164,575; July 4.
Safety device for firearms. W. M. Harton. 2,182,693; Dec. 5.
Safety device for gas burners. P. L. Betz and S. Karrer. 2,144,399; Jan. 17.
Safety device for gas burners. P. L. Betz and S. Karrer. 2,156,235; Apr. 25.
Safety device for gas-line leakage. G. Maynard. 2,160,748; May 30.
Safety device for heaters. A. D. Olds. 2,168,749; Aug. 8.
Safety device for hydraulic brake systems. S. C. George and J. J. Weber. Re. 21,223; Oct. 3.
Safety device for hydraulic servomotors. T. W. Kenyon, S. J. Zand, and B. G. Carlson. 2,155,421; Apr. 25.
Safety device for internal combustion engines, Automatic. L. L. Scott. 2,152,287; Mar. 28.
Safety device for ladders. H. Leiser. 2,149,781; Mar. 7.
Safety device for linemen. C. D. Hedrick. 2,152,049; Mar. 28.
Safety device for liquid fuel burners. W. R. Hainsworth. 2,155,188; Apr. 18.
Safety device for motor vehicles. W. A. Gross. 2,145,543; Jan. 31.
Safety device for motor vehicles. M. T. Sasoon. 2,163,292; June 20.
Safety device for pressure vessels. H. Debor. 2,171,973; Sept. 5.
Safety device for projectile fuses. G. Hönger. 2,183,073; Dec. 12.
Safety device for projectile fuses. L. Scelzo. 2,155,100; Apr. 18.
Safety device for steering motor vehicles. H. L. Baumer. 2,152,021; Mar. 28.
Safety device for use on aircraft employing retractable landing gear. R. F. Jones. 2,148,471; Feb. 28.
Safety device for vehicles. F. L. Curtiss. 2,151,014; Mar. 21.
Safety device for vehicles, Automatic. J. T. Warren. 2,172,116; Sept. 5.
Safety device for volatile liquid storage tanks. J. J. Tokheim. 2,152,422; Mar. 28.
Safety device for well tubing. D. S. Bradley. 2,177,203; Oct. 24.
Safety device for windows. B. H. Pollock. 2,181,790; Nov. 28.
Safety device for wringers on washing machines. J. A. Hoke. 2,180,238; Nov. 14.

Safety device, Hydraulic. I. W. Higgins and H. L. Pickett. 2,164,272; June 27.
Safety device, Motor vehicle. J. P. Caldwell. 2,166,580; July 18.
Safety device, Shaft drill. J. B. Newsom. 2,172,088; Sept. 5.
Safety fused plug. S. R. Fry. 2,176,793; Oct. 17.
Safety-glass rack. R. D. Scull. 2,156,876; May 2.
Safety head. R. S. McKeever. 2,178,178; Oct. 31.
Safety hook. N. A. Hendrix. 2,184,812; Dec. 26.
Safety hook. J. H. Priest. 2,185,092; Dec. 26.
Safety lamp. W. M. Garlington. 2,168,671; Aug. 8.
Safety latch. L. C. Smith. 2,153,102; Apr. 4.
Safety lock. H. Gudge. 2,153,831; Apr. 11.
Safety lock for chain type coal cutting machines. O. K. Sifers and J. G. Starr. 2,179,433; Nov. 7.
Safety means for fuses, Barrel. H. Junghans. 2,167,302; July 25.
Safety means for motors. P. D. Cornelius. 2,172,240; Sept. 5.
Safety means for refrigerating units. O. S. McGuffey. 2,171,588; Sept. 5.
Safety mechanism. A. F. Froussard. 2,160,137; May 30.
Safety mechanism for firearms. H. L. Crockett. 2,174,971; Oct. 3.
Safety mechanism for firearms. D. M. Williams. 2,174,851; Oct. 3.
Safety mechanism for improving the dirigibility of ships, submarines, and aircraft. H. C. Briggs. 2,178,555; Nov. 7.
Safety mine lamp. W. K. Wilbur. 2,165,194; July 4.
Safetypin. M. V. Assaf. 2,155,987; Apr. 25.
Safetypin. A. A. Martin. 2,175,060; Oct. 3.
Safetypin. J. Mattfeldt. 2,161,260; June 6.
Safetypin. J. Morley. 2,145,313; Jan. 31.
Safetypin. S. C. Porter. 2,157,433; May 9.
Safety pin for shoulder straps. H. Payes. 2,172,963; Sept. 12.
Safetypin machine, Automatic. W. B. Runk. 2,150,987; Mar. 21.
Safety plug. G. W. Huntley. 2,149,773; Mar. 7.
Safety plug. H. C. Loundenbeck. 2,163,401; June 20
Safety seat. V. B. Stewart. 2,144,233; Jan. 17.
Sacker, Seed. C. H. Dalzell. 2,170,710; Aug. 22.
Safety strip. V. Vostrez. 2,185,020; Dec. 26.
Safety support, Brake beam. H. E. Anderson. 2,159,582; May 23.
Safety switch. F. J. Battestin and E. C. Fox. 2,178,159; Oct. 31.
Safety switch. D. L. and B. H. Closson. 2,156,946; May 2.
Safety switch. R. A. Millermaster. 2,178,600; Nov. 7.
Safety system. J. A. Obermaier. 2,165,569; July 11.
Safety trip device. J. O. Speed, J. L. Shores, and S. R. Powers. 2,177,553; Oct. 24.
Safety tube. B. Darrow. 2,168,514; Aug. 8.
Safety wheel. A. F. Paselk. 2,165,810; July 11.
Sailboat mast bending. T. E. Mead. 2,162,441; June 13.
Sail, Pocket. F. M. Willard. 2,159,923; May 23.
Sail sheets, Arrangement in. H. T. H. Andresen. 2,151,368; Mar. 21.
Sailing rig. W. E. Ryder. 2,147,501; Feb. 14.
Sal ammoniac from gas liquor, Recovering. C. H. Heimbach and N. B. Thompson. 2,179,183; Nov. 7.
Salad dressing. H. M. Levin. 2,170,417; Aug. 22.
Salad dressing. A. Musher. 2,170,518; Aug. 22.
Sales and service equipment. A. A. Wood. 2,159,925; May 23.
Sales-slip holder. H. Y. Brock, Jr. 2,175,950; Oct. 10.
Salinity indicator system. R. L. Witham. 2,150,015; Mar. 7.
Saliva ejector. H. Freedman. 2,161,151; June 6.
Saliva ejector, Dentist's. J. M. Lempert. 2,180,249; Nov. 14.
Salt and producing it. Oil-soluble bismuth. H. A. Shonle and J. H. Waldo. 2,142,957; Jan. 3.
Salt and resulting product, Treating. M. Segura. 2,183,173; Dec. 12.
Salt bath for case-hardening. E. A. Walen. 2,175,417; Oct. 10.
Salt block for cattle. L. A. Patten. 2,142,825; Jan. 3.
Saltcellar. H. T. Smith. 2,173,046; Sept. 12.
Salt, Culinary. F. C. E. Harry and H. H. York. 2,175,955; Oct. 10.
Salt mixture for use as a thermophore. L. C. Drake. 2,158,854; May 16.
Salt, Modified antioxygenic. S. Musher. 2,176,036; Oct. 10.
Salt of a mono-alkyl trithiocarbonate, Production of an alkali metal. W. T. Bishop. 2,152,461; Mar. 28.
Salt of calcium ascorbate and calcium acetylsalicylate and making same, Double. S. Klein. 2,159,214; May 23.
Salt of mandelic acid, Alkanol-amine. H. A. Shonle. 2,144,552; Jan. 17.
Salt of penta-methylene-dithio-carbamic acid, Making the piperidine. M. W. Harman. 2,153,043; Apr. 4.
Salt solution feeding apparatus. C. V. Swearingen. 2,157,466; May 9.
Salt solutions, Purification of zinc. B. I. Stoops. 2,145,816; Jan. 31.
Salting apparatus for refrigerating cars or the like. H. E. Lisk. 2,148,317; Feb. 21.
Salts and making same, Trihexosan-carboxylic acid. M. Finkelsztejn. 2,152,248; Mar. 28.
Salts by base exchange by means of zeolite, Manufacture of. M. Drujon. 2,155,477; Apr. 25.
Salts, intermediate, and preparing same, Alkyl thio-substituted benzoic acid alkamine acid. J. J. Donleavy. 2,173,827; Sept. 26.
Salts, Manufacturing stabilized diazo. W. A. Erickson. 2,171,976; Sept. 5.
Salts of acetyl salicylic acid, Stabilized. J. R. Stevens. 2,158,091; May 16.
Salts of aliphatic acid esters of polybasic inorganic acids, Purification of. A. J. Tulleners. 2,152,163; Mar. 28.
Salts of amidines and derivatives thereof, Water-soluble. A. Eckelmann and E. Koch. 2,147,401; Feb. 14.
Salts of B-methylcholine and acyl derivatives thereof, Production of. G. Roeder. 2,153,591; Apr. 11.
Salts of beta-alkylated-choline-alkyl-esters and their production. R. T. Major and J. K. Cline. 2,142,140; Jan. 3.
Salts of beta carboxy compounds in motor fuels, Increasing solubility of metal. W. S. Guthmann and H. Kerst, Jr. 2,144,654; Jan. 24.
Salts of cellulose ether carboxylic acids, Manufacture of. J. Voss. 2,179,457; Nov. 7.
Salts of cellulose ether carboxylic acids, Preparation of. G. Meyer. 2,171,222; Aug. 29.
Salts of dihexahydrocresyl sulphophthalates. O. Albrecht. 2,168,660 Aug. 8.
Salts of inorganic acid esters and the like, Manufacture of alkaline earth. A. J. Tulleners. 2,176,005; Oct. 10.
Salts of interface modifying agents, Preparation of. B. R. Harris. 2,181,890; Dec. 5.
Salts of leuco vat dyestuffs, Sulphuric acid ester. M. A. Prahl and W. L. Rintelman. 2,164,782; July 4.
Salts of metalliferous azo dyes, Disubstituted guanidine. H. W. Daudt and C. W. Hannum. 2,165,034; July 4.
Salts of sulphated primary alcohols, Preparing ammonium. C. W. MacMullen. 2,150,557; Mar. 14.
Salts of sulphonated terpene-phenol condensates and preparation thereof. W. W. Trowell. 2,155,961; Apr. 25.
Salts of theophylline and monoamino polyhydric alcohols, Soluble double. E. H. Volwiler and E. E. Moore. 2,161,114; June 6.
Salts of 2-mercapto-benzothiazole. I. Williams. 2,170,670; Aug. 22.
Salts, Preparing alkali. A. E. A. S. Cornelius. 2,154,439; Apr. 18.
Salts, Production of alkyl ester. A. J. van Peski and A. J. Tulleners. 2,152,292; Mar. 28.
Salts, Production of phosphate. F. P. Kerschbaum. 2,142,943; Jan. 3.
Salts, Solid diazonium. F. Keller. 2,175,807; Oct. 10.
Salts, Stabilizing organic heavy metal. M. Bogdan. 2,163,020; June 20.
Salts, The electrolytic preparation of oxychlorine. L. Delavenna and J. Maillard. 2,180,668; Nov. 21.
Salvage device. A. C. Messier. 2,167,989; Aug. 1.
Sample carrier. H. L. Hoenigsberger. 2,167,363; July 25.
Sample carrier. R. Weinlich. 2,179,768; Nov. 14.
Sample carrying and exhibiting device. D. Wolfson and S. H. Berlin. 2,146,041; Feb. 7.
Sample holder. M. Steinthal. 2,177,914; Oct. 31.
Sample taking device. J. H. Kirby. 2,181,512; Nov. 28.
Sampler, Bottom hole. B. E. Lindsly. 2,147,983; Feb. 21.
Sampler for bagged materials. H. Friedman. 2,167,566; July 25.
Sampler, Side wall. J. McClinton. 2,176,375; Oct. 17.
Samples, Mixing. B. M. Hawes. 2,155,596; Apr. 25.
Samples, Taking. W. J. Resch. 2,162,122; June 13.
Sampling device. A. T. Dahlstrom. 2,177,477; Oct. 24.
Sampling device for wells. A. M. Bandy. 2,176,240; Oct. 17.
Sand, Apparatus for treating and blending molder's. S. B. Davies. 2,168,515; Aug. 8.
Sandblast device. L. L. Tirrell. 2,176,577; Oct. 17.
Sandblast shaping. R. Knox. 2,156,696; May 2.
Sand blasting apparatus. N. J. Quinn. 2,159,051; May 23.
Sand conditioning apparatus. S. B. Davies. 2,182,284; Dec. 5.
Sand elevating and treating apparatus. S. B. Davies. 2,164,799; July 4.
Sand, Foundry. O. L. Jones and J. L. Essex. 2,159,952; May 23.
Sandglass. H. Schultz. 2,144,857; Jan. 24.
Sand mixing and sifting machine. E. H. Trick. 2,177,614; Oct. 24.
Sandpaper drum. O. E. Hadwiger and H. O. Schmidt. 2,145,980; Feb. 7.
Sand pump. G. L. Burns. 2,171,539; Sept. 5.
Sand pump. P. Cavins. 2,168,729; Aug. 8.
Sand pump. F. W. Hessman. 2,173,805; Sept. 19.
Sand spreading apparatus. A. F. Humphrey. 2,152,259; Mar. 28.
Sand, Treating mulling. W. F. Piper. 2,144,636; Jan. 24.
Sand, water, and oil segregator. C. H. Bills. 2,152,863; Apr. 4.
Sander. J. H. King. 2,169,954; Aug. 15.
Sander, Road. P. Bogumill. 2,178,320; Oct. 31.
Sander, Road. L. J. Whelan. 2,170,360; Aug. 22.
Sanding and spreading device. O. C. Middleton 2,162,103; June 13.
Sanding device for overhead cranes. W. A. Lintern. 2,163,953; June 27.

Sanding device for vehicles. J. B. Lintern. 2,163,911; June 27.
Sanding drum. C. H. Driver. 2,180,040; Nov. 14.
Sanding drum pad. F. S. Mitchell. 2,149,816; Mar. 7.
Sanding machine. P. T. Blood. 2,143,970; Jan. 17.
Sanding machine. D. B. Dimick. 2,161,701; June 6.
Sanding mechanism, Automatic high speed. V. L. Frantz. 2,181,804; Nov. 28.
Sanding wheel. E. B. Hubbard. 2,147,901; Feb. 21.
Sanding wheel, Tiltable adjustable. C. Jones. 2,182,725; Dec. 5.
Sands and other granular materials, Treating. J. A. Crew. 2,169,122; Aug. 8.
Sandal. K. Engel. 2,146,805; Feb. 14.
Sandal. W. B. Kirke. 2,177,571; Oct. 24.
Sandal. I. Klaff. 2,173,969; Sept. 26.
Sandal, Swimming. A. C. Kahn. 2,172,938; Sept. 12.
Sandals, Manufacture of. W. H. Bain. 2,160,377; May 30.
Sandwich holder. H. C. Harvey. 2,145,481; Jan. 31.
Sandwiches, Apparatus for making. K. E. Bemis. 2,168,389; Aug. 8.
Sanitary appliance, Animal. E. I. Dunn. 2,160,473; May 30.
Sanitary continuous-flow article holder. F. Schultz. 2,164,258; June 27.
Sanitary device for animals. J. Cross. 2,173,356; Sept. 19.
Sanitary device for telephone mouthpieces. P. B. Bochicchio and N. Yurcak. 2,143,675; Jan. 10.
Sanitary dispenser. E. A. Martin. 2,165,933; July 11.
Sanitary napkin. E. E. Glomstead. Re. 21,076; May 9.
Sanitary napkins, Manufacturing. C. G. Joa. 2,164,408; July 4.
Sanitary pads, Apparatus for manufacturing compressed. L. F. Parker. 2,166,665; July 18.
Sanitary seat cover. H. S. Toohy. 2,156,035; Apr. 25.
Sanitary toothpick dispenser. E. E. Simons. 2,167,855; Aug. 1.
Saponified reaction products, Forming. B. H. Thurman. 2,178,532; Oct. 31.
Saponins, Preparation of. F. H. Waltz. 2,172,265; Sept. 5.
Sash and screen frame construction, Combination storm. A. L. Herrmann. 2,180,415; Nov. 21.
Sash and store front construction. P. E. Attick. 2,184,659; Dec. 26.
Sash and store front construction. C. D. Lowry. 2,143,737; Jan. 10.
Sash and store front constructions. C. D. Lowry. 2,166,361; July 18.
Sash and window screen, Convertible storm. A. Gimmelli. 2,153,145; Apr. 4.
Sash balance. C. T. Carnes, C. F. Steffes, E. N. Wright, and J. E. Comer. 2,174,732; Oct. 3.
Sash balance and weather strip, Combined. A. F. Mantz. 2,158,514; May 16.
Sash bar. I. Gustafsson. 2,174,441; Sept. 26.
Sash-bar construction. H. F. Trumpbour. 2,144,515; Jan. 17.
Sash, Combination storm and screen. E. M. Porter. 2,171,454; Aug. 29.
Sash construction, Window. E. F. Chaffee. 2,161,996; June 13.
Sash cord fastener. T. F. Keelen. 2,169,915; Aug. 15.
Sash counterbalancing means for window frames. H. W. Cook. 2,171,252; Aug. 29.
Sash fastener. C. W. Jorgensen. 2,184,674; Dec. 26.
Sash fastener. J. E. Mulcahy. 2,180,994; Nov. 21.
Sash fastener, Storm. C. O. Goserud. 2,142,690; Jan. 3.
Sash for windows and like bays. L. C. E. Douzille 2,148,930; Feb. 28.
Sash glazing, Double. G. B. Watkins. 2,143,747; Jan. 10.
Sash holder. C. O. Goserud. 2,164,515; July 4.
Sash, Insulating. O. H. Biddle. 2,156,964; May 2.
Sash lock. I. Birman. 2,159,198; May 23.
Sash lock, Ventilating. G. A. Kleb. 2,143,272; Jan. 10.
Sash lock, Window. S. Madsen. 2,151,219; Mar. 21.
Sash operating mechanism. E. L. Ackerman. 2,170,440; Aug. 22.
Sash or store front construction. C. D. Lowry. 2,163,845; June 27.
Sash securing device for opened windows. C. Drucks. 2,159,474; May 23.
Sash stay and fastener. C. O. Goserud. 2,167,834; Aug. 1.
Sash, Ventilating window. H. M. McClure. 2,166,445; July 18.
Sash, Window. L. Christal. 2,147,784; Feb. 21.
Saturable core detector. C. J. Kettler. 2,149,092; Feb 28.
Saturating. D. A. Cumfer. 2,176,835; Oct. 17.
Saucer for supporting cups, glasses, or other drinking vessels. A. C. Gibson. 2,151,023; Mar. 21.
Sausage link forming machine. J. H. Miller. 2,183,687; Dec. 19.
Sausage linker. C. T. Walter. 2,168,693; Aug. 8.
Sausage-linking machine. E. A. Mummé. 2,165,673; July 11.
Sausage, Preparation of. L. S. Paddock. 2,182,211; Dec. 5.
Saw. C. I. Welch. 2,173,348; Sept. 19.
Saw. L. S. Wilbur. 2,175,497; Oct. 10.
Saw arbor. I. R. Cosby and C. E. Goodell. 2,167,744; Aug. 1.
Saw, Bone. E. R. D'Amato. 2,179,250; Nov. 7.
Saw, Bone. L. D. Davenport. 2,146,202; Feb. 7.
Saw, Circular. H. E. Tautz. 2,168,282; Aug. 1.
Saw, Combined cut-off and miter. R. H. Crouch. 2,142,303; Jan. 3.
Saw, Composing room. F. W. Seybold. 2,154,999; Apr. 18.
Saw, Composing room. F. W. Seybold. 2,160,110; May 30.
Saw, Composing room. F. W. Seybold. 2,184,898; Dec. 26.
Saw construction, Chain. A. W. Mall. 2,184,461; Dec. 26.
Saw filing apparatus. B. J. Dirks. 2,172,366; Sept. 12.
Saw-filing apparatus. R. S. Hall and R. Denhard. 2,166,567; July 18.
Saw-filing tool. E. A. Sedlmayr. 2,163,248; June 20.
Saw-grinding machine. E. S. Buchanan. 2,175,514; Oct. 10.
Saw grinding machine. W. H. Thurston. 2,155,809; Apr. 25.
Saw, Hand. J. M. Brazeale. 2,143,757; Jan. 10.
Saw handle. J. N. Alexander. 2,155,110; Apr. 18.
Saw handle. L. W. Strong. 2,146,777; Feb. 14.
Saw, Lumber ripping. S. E. Thornton. 2,160,525; May 30.
Saw machine. C. Rasmussen. 2,174,837; Oct. 3.
Saw machine. C. Rasmussen. 2,175,763; Oct. 10.
Saw, Pruning. W. M. Morse. 2,147,986; Feb. 21.
Saw set. B. Fields. 2,177,385; Oct. 24.
Saw set. J. W. Gaede. 2,180,899; Nov. 21.
Saw set. D. Hamlin. 2,147,251; Feb. 14.
Saw set. J. A. Johnson. 2,155,901; Apr. 25.
Saw set device. E. Martin. 2,154,987; Apr. 18.
Saw sharpening apparatus. F. H. G. and J. E. W. Svensson. 2,152,931; Apr. 4.
Saw, Straight line cut-off. R. H. Crouch. 2,171,541; Sept. 5.
Saw, Straight-line cut-off. R. H. Crouch. 2,172,274; Sept. 5.
Saw-toothed wave form generator. R. Urtel and R. Andrieu. 2,164,968; July 4.
Saw-tooth wave generator. R. Andrieu. 2,182,608; Dec. 5.
Saw-tooth wave generator. M. Geiger. 2,168,403; Aug. 8.
Saw-tooth wave generator. M. Geiger. 2,182,555; Dec. 5.
Saw-tooth wave generator. H. Shore and J. N. Whitaker. 2,149,471; Mar. 7.
Saw tooth wave repeater, Periodic. J. C. Wilson. 2,177,162; Oct. 24.
Saw, Universal hand. P. G. Harding. 2,143,981; Jan. 17.
Saw, Wood. H. L. Collett. 2,181,047; Nov. 21.
Sawdust-burning furnace. A. J. Longtin. 2,165,802; July 11.
Sawdust for the production of plastics, Utilization of. E. C. Sherrard, E. Beglinger, J. P. Hohf, R. L. Mitchell, and E. Bateman. 2,151,412; Mar. 21.
Sawmill carriage setwork. T. H. Best. 2,175,822; Oct. 10.
Sawmill equipment. J. A. Weber. 2,183,270; Dec. 12.
Sawing and abrading machine, Convertible. L. A. Wilkie. 2,180,079; Nov. 14.
Sawing and trimming machine. S. A. Huffman. 2,173,587; Sept. 19.
Sawing appliance. M. F. Hammond. 2,163,320; June 20
Sawing machine. H. W. Kulp. 2,162,848; June 20.
Scabbard. C. B. Ferrel. 2,145,078; Jan. 24.
Scabbard. H. M. Pierce and J. H. Hermson. 2,181,834; Nov. 28.
Scaffold. T. M. Dugan and A. C. Marton. 2,181,784; Nov. 28.
Scaffold. H. S. Goins. 2,153,884; Apr. 11.
Scaffold. H. J. Kruse. 2,184,457; Dec. 26.
Scaffold. G. A. Wortelmann. 2,171,284; Aug. 29.
Scaffold apparatus, Shiftable. J. P. J. Dyer. 2,178,956; Nov. 7.
Scaffold hanger. F. Boomgarden. 2,155,888; Apr. 25.
Scaffold hanger. F. Boomgarden. 2,179,173; Nov. 7.
Scaffold hanger. A. D. Webster. 2,164,973; July 4.
Scaffold support for automobiles. E. E. Smith and R. Rostedt. 2,176,772; Oct. 17.
Scaffolding. R. C. Hayner. 2,164,519; July 4.
Scaffolding. M. Michelson. 2,142,651; Jan. 3.
Scaffolding bracket, Tubular. A. A. Thornton. 2,156,208; Apr. 25.
Scaffolding clamp. J. Burton. 2,165,221; July 11.
Scaffolding suspension. E. L. Loomis. 2,170,689; Aug. 22.
Scale. G. Higley. 2,172,281; Sept. 5.
Scale. B. W. King. 2,182,590; Dec. 5.
Scale. J. M. Triner. 2,142,424; Jan. 3.
Scale. J. M. Triner. 2,149,479; Mar. 7.
Scale and indicating means for use in connection therewith. K. S. Irvine. 2,155,600; Apr. 25.
Scale, Automatic. M. T. Thorsson and A. C. Holt. 2,178,765; Nov. 7.
Scale, Bathroom J. C. Sutton. 2,147,936; Feb. 21.
Scale box and suspension therefor. F. H. and R. B. Weeks. 2,159,065; May 23.

Scale, Computing. W. C. Berrien. 2,154,804; Apr. 18.
Scale, Computing. P. W. Kimball. 2,165,275; July 11.
Scale, Crane. W. G. Wehr. 2,142,579; Jan. 3.
Scale, etc., from liquid containers, Device for removing. J. A. Bracken. 2,147,593; Feb. 14.
Scale from and sizing rods and the like, Method of and apparatus for removing. J. S. Lynch. 2,159,561; May 23.
Scale, Motor truck. C. A. Lindsay. 2,162,622; June 13.
Scale, Proportional mixing. E. D. Holmes. 2,169,952; Aug. 15.
Scale, Proportionate. F. Kucher. 2,145,515; Jan. 31.
Scale, Spring testing. W. Gumprich. 2,170,197; Aug. 22.
Scale used for radio apparatus or the like. H. Strassenburg. 2,173,503; Sept. 19.
Scale, Variable. D. J. Christensen. 2,156,524; May 2.
Scale, Weighing. W. H. Greenleaf. 2,181,272; Nov. 28.
Scale, Weighing. M. H. Hansen. 2,145,480; Jan. 31.
Scale, Weighing. M. H. Hansen. 2,175,024; Oct. 3.
Scale, Weighing. S. N. Hurt. 2,170,798; Aug. 29.
Scale, Weighing. S. N. Hurt. 2,149,888; Mar. 7.
Scale, Wheel. K. E. Whitney. 2,156,325; May 2.
Scaling device. R. C. Luckins. 2,170,721; Aug. 22.
Scaling mechanism. W. W. Rodgers. 2,144,639; Jan. 24.
Scaler, Fish. A. J. Schlueter. 2,179,758; Nov. 14.
Scalp protector. M. Lyons. 2,146,376; Feb. 7.
Scalp protector. B. Morea and J. F. Hennessy. 2,146,589; Feb. 7.
Scalp protector. V. Parmentel. 2,169,925; Aug. 15.
Scanner, Television. F. Schröter. 2,151,158; Mar. 21.
Scanning apparatus. A. J. Cawley. 2,176,847; Oct. 17.
Scanning apparatus. F. L. Wurzburg, Jr. 2,185,139; Dec. 26.
Scanning, Apparatus for. D. C. Stockbarger and J. L. Jones. 2,184,160–1; Dec. 19.
Scanning apparatus, Electrooptical. H. E. Ives. 2,184,525; Dec. 26.
Scanning device. H. M. Biele. 2,155,113; Apr. 18.
Scanning device. N. Levin. 2,149,449; Mar. 7.
Scanning device. K. Schlesinger. 2,147,555; Feb. 14.
Scanning device. K. Schlesinger. 2,173,501; Sept. 19.
Scanning device. H. Vierl. 2,145,562; Jan. 31.
Scanning machine. C. L. Henderson. 2,153,186; Apr. 4.
Scanning, Method of and apparatus for interlaced. S. L. Clothier and H. C. Hogencamp. 2,163,541; June 20.
Scanning system, Multiplex. A. J. Cawley. 2,146,937; Feb. 14.
Scarf and headwear. L. Wood. 2,167,228; July 25.
Scavenger, Exhaust. T. Brenner. 2,161,895; June 13.
Scavenging the cylinders of double-bore cylinder combustion engines. A. Portmann. 2,184,603; Dec. 26.
School bag. C. Marks. 2,177,624; Oct. 24.
Scintillating sign. W. G. McIlvanie. 2,161,927; June 13.
Scintillating sign. W. G. McIlvanie. 2,184,721; Dec. 26.
Scissors. A. A. Crompton. 2,184,909; Dec. 26.
Scissors and shears. J. J. Conway. 2,169,580; Aug. 15.
Scissors, Automatic. J. Brancato and D. Scalese. 2,181,009; Nov. 21.
Scissors-handle device for surgical instruments. J. E. Held. 2,146,954; Feb. 14.
Scissors holding device. J. F. Lesko. 2,179,725; Nov. 14.
Scissors, Making. W. A. Zeidler. 2,177,414; Oct. 24.
Scleroproteins and new products obtained thereby, Decomposing. W. Grassmann and H. Reich. 2,158,499; May 16.
Scoop. J. C. Ritter. 2,164,429; July 4.
Scoop, Ice cream. J. R. Gammeter. 2,166,810; July 18.
Scooper attachment for scrapers. H. Steinhilber. 2,146,317; Feb. 7.
Scooter. W. G. Fletcher. 2,180,143; Nov. 14.
Scooter, Propel. O. K. Winding. 2,148,919; Feb. 28.
Scooter, Sliding. O. H. Walgren. 2,150,087; Mar. 7.
Scoreboard. A. L. Montgomery. 2,164,466; July 4.
Scoreboard. R. A. Nevinger. 2,180,908; Nov. 21.
Score registering device. C. J. Breitenstein and A. F. Chouinard. 2,155,929; Apr. 25.
Scoring device. K. Stutz. 2,150,525; Mar. 14.
Scoring means in printing presses. D. R. Donnell. 2,167,746; Aug. 1.
Scotch block. S. W. Hayes. 2,164,404; July 4.
Scouring and cleaning implement. R. B. Kingman. 2,152,697; Apr. 4.
Scouring apparatus. E. C. Derks. 2,166,343; July 18.
Scouring means. A. M. Goodloe. 2,156,494; May 2.
Scrap collector for cigar machines. H. H. Wheeler. 2,158,315; May 16.
Scraper. H. C. French and H. C. Frentzel, Jr. 2,154,503; Apr. 18.
Scraper. H. C. Frentzel, Jr., and H. C. French. 2,169,946; Aug. 15.
Scraper. V. Gier. 2,147,696; Feb. 21.
Scraper. H. A. Hutchins and A. Ashton. 2,174,749; Oct. 3.
Scraper. C. Le Bleu. 2,148,359; Feb. 21.
Scraper. C. Le Bleu. 2,159,438; May 23.
Scraper. C. LeBleu. 2,164,461; July 4.
Scraper. C. Le Bleu. 2,181,760; Nov. 28.
Scraper. S. S. Moore. 2,153,897; Apr. 11.
Scraper. A. Nikkel. 2,147,207; Feb. 14.
Scraper. H. A. Perry. 2,162,117; June 13.
Scraper. J. W. Thompson. 2,157,805; May 9.
Scraper. J. S. Walch. 2,157,311; May 9.
Scraper and digger, Earth. E. C. Smith. 2,161,102; June 6.
Scraper and the like, Hydraulically operated. C. Le Bleu. 2,160,595; May 30.
Scraper and tool, Utility. F. M. Giddings. 2,169,414; Aug. 15.
Scraper attachment for push brooms. W. E. Judson. 2,163,979; June 27.
Scraper, Carrier. R. E. Vote. 2,153,781; Apr. 11.
Scraper, carrier, and spreading machine, Combination. W. K. McMillan. 2,169,612; Aug. 15.
Scraper, Carry type. E. B. Maloon. 2,152,899; Apr. 4.
Scraper, Carrying. J. S. Walch. 2,179,532; Nov. 14.
Scraper, Citrus peel. R. D. Wehr. 2,166,883; July 18.
Scraper, Dirt. G. E. Daniels. 2,172,672; Sept. 12.
Scraper, Double bowl. P. A. Backman. 2,147,077; Feb. 14.
Scraper, Dumping. F. Roshak. 2,145,497; Jan. 31.
Scraper, Earth. J. H. Greene. Re. 21,008; Feb. 21.
Scraper, Foot. F. T. Mayers. 2,176,917; Oct. 24.
Scraper for double pipe chillers. R. C. Fuller. 2,163,995; June 27.
Scraper for oil well tubing. E. A. Kliewer. 2,149,810; Mar. 7.
Scraper for oil wells, Tubing. C. A. Wettermark. 2,149,824; Mar. 7.
Scraper for tubular heat exchanger, Rotary. W. G. Vogel. 2,182,712; Dec. 5.
Scraper, Heavy duty. M. M. Brodersen and L. O. Bird. 2,168,318–9; Aug. 8.
Scraper, Heavy duty. C. Le Bleu. 2,152,700; Apr. 4.
Scraper, Heavy duty. C. Le Bleu. 2,182,670; Dec. 5.
Scraper or grader. H. C. Buffington. Re. 20,996; Feb. 7.
Scraper, Paraffin. S. V. Dodson. 2,175,770; Oct. 10.
Scraper, Paraffin. L. R. Underwood. 2,146,363; Feb. 7.
Scraper, spreader, and dumper, Combined earth. K. A. Spieth. 2,158,340; May 16.
Scraper tool. H. A. Nelson. 2,146,644; Feb. 7.
Scraper, Track. J. Karinshak, Jr. 2,184,046; Dec. 19.
Scraper, Tractor wheel. H. G. Yetter. 2,157,253; May 9.
Scraper, Tube. H. J. Forster. 2,173,606; Sept. 19.
Scraper, Wall. G. D. Johnson and E. R. Lindgren. 2,177,721; Oct. 31.
Scraper, Wall. M. Miller and L. N. Davis. 2,157,493; May 9.
Scraper, Wheel. A. Wolf. 2,151,256; Mar. 21.
Scraper, Wheeled. T. R. Paulsen. Re. 21,170; Aug. 1.
Scraper, Wheeled. T. R. Paulsen and H. C. Beitzel. 2,159,045; May 23.
Scraper, Wood or the like. A. Skarsten. 2,173,700; Sept. 19.
Scraping device. T. E. Cherry. 2,161,335; June 6.
Screed. S. R. Blackwell. 2,150,618; Mar. 14.
Screed chair. G. B. Bosco. 2,165,333; July 11.

Screen: *See*—

Air filter lint screen.
Anesthetic screen.
Cathode ray tube fluorescent screen.
Cathode ray tube screen.
Cowl ventilator screen.
Double mosaic screen.
Filter screen.
Fire screen.
Fireplace screen.
Fish screen.
Flat screen.
Flexible screen.
Fluorescent screen.
Illuminated screen.
Inclined vibrating screen.
Intensifying and fluorescent screen.
Low head vibrating screen.
Luminescent screen.
Metal halftone screen.
Picture screen.
Prismatic screen.
Radiator screen.
Sash and window screen.
Separator screen.
Service regulator screen.
Television screen.
Translucent screen.
Vibratory screen.
Well screen.
Window screen.
Wire screen.

Screen. K. R. Bixby. 2,142,600; Jan. 3.
Screen. J. M. Range. 2,174,836; Oct. 3.
Screen. R. M. Stowe. 2,147,507; Feb. 14.
Screen. L. G. Symons. 2,148,139; Feb. 21.
Screen. L. G. Symons. 2,172,551; Sept. 12.
Screen. L. G. Symons. 2,183,660; Dec. 19.
Screen and appurtenances thereto, Movable motion picture. V. C. de Ybarrondo. 2,150,543; Mar. 14.
Screen and manufacturing the same, Fluorescent. J. Hartmann. 2,146,573; Feb. 7.
Screen and settling chamber, Incinerator. J. B. and R. W. King. 2,171,798; Sept. 5.
Screen and window for automobiles, Adjustable. M. Grishkevich. 2,150,829; Mar. 14.
Screen apparatus. G. A. Overstrom. 2,157,562; May 9.
Screen cloth and making the same. S. D. Robins. 2,154,530; Apr. 18.
Screen control. S. Appel. 2,166,745; July 18.
Screen focus compensator. J. B. Cernohouz. 2,170,630; Aug. 22.
Screen for Braun tubes, Image. E. Schwartz. 2,163,918; June 27.
Screen for cathode ray tubes. H. W. Kaufmann. 2,160,022; May 30.
Screen for cathode ray tubes, Fluorescent. R. Behne and H. Hinderer. 2,155,465; Apr. 25.
Screen for cathode ray tubes, Photoelectric. A. D Blumlein and H. E. Holman. 2,143,907; Jan. 17.
Screen for cinematographic projections. L. Darimont 2,143,303; Jan. 10.
Screen for digesters. H. H. Richmond. 2,163,437; June 20.

Screen for feeders, Grain. A. C. Lindgren. 2,159,663; May 23.
Screen for molding machines. D. J. Campbell. 2,176,328; Oct. 17.
Screen for sewage, Cutting. J. A. Montgomery. 2,170,569; Aug. 22.
Screen for stereoscopic pictures. N. T. Kaszab. 2,150,225; Mar. 14.
Screen for the projection of images in relief. A. H. J. D. Saint Genies. 2,154,868; Apr. 18.
Screen frame construction. A. Butler. 2,153,454; Apr. 4.
Screen, Intensifying and fluorescent. J. Eggert and F. Luft. Re. 21,216; Sept. 26.
Screen material. R. H. George. 2,180,734; Nov. 21.
Screen or reflector and making and using the same, Light-transforming. G. R. Fonda. 2,149,992; Mar. 7.
Screen pipe. J. F. Maloney. 2,150,450; Mar. 14.
Screen printing machine. J. S. Wheelwright. 2,164,603; July 4.
Screen protector. L. A. Layne. 2,174,795; Oct. 3.
Screen structure, Balanced vibrating. G. A. Overstrom. 2,150,242; Mar. 14.
Screen structure for television and like purposes, Mosaic. H. E. Holman. 2,179,090; Nov. 7.
Screening. C. E. Wuensch. 2,149,877; Mar. 7.
Screening and covering device for windows and other openings. J. Rose. 2,183,519; Dec. 12.
Screening, Apparatus for and method of. W. J. Montgomery and C. F. Boyers. 2,158,080; May 16.
Screening for electric cables. H. Rist. 2,150,783; Mar. 14.
Screening machine. J. Matthews. 2,142,794; Jan. 3.
Screens and the like, Means for vibrating. J. W. Sherwen 2,163,249; June 20.
Screens for printing of textiles, etc., Making. L. Martin. 2,176,634; Oct. 17.
Screens, Producing metallic. E. O. Norris. 2,166,366. July 18.
Screens, Production of metallic. E. O. Norris. 2,166,367. July 18.
Screw. J. F. Fieg. 2,142,185; Jan. 3.
Screw. C. G. Olson. 2,182,568; Dec. 5.
Screw. W. A. Purtell. 2,177,004; Oct. 24.
Screw, Air. A. Koyemann. 2,146,342; Feb. 7.
Screw and bolt driving and nut running machine. K. E. Whitney and A. G. Decker. 2,152,517; Mar. 28.
Screw and forming same, Tapping. C. G. Olson 2,165,149; July 4.
Screw and making same. D. E. Johnson. 2,162,891; June 20.
Screw and making same. T. A. O'Leary. 2,182,092; Dec. 5.
Screw and making the same, Socket head. L. E. Broughton. 2,169,460; Aug. 15.
Screw and nut device. E. Lampel. 2,149,848; Mar. 7.
Screw and nut for lifting jacks and similar devices, Ball bearing. F. L. Gormley. 2,166,106; July 18.
Screw and washer assembling machine and method. W. M. Hanneman. 2,152,591; Mar. 28.
Screw apparatus, Rotary. A. Lysholm. 2,174,522; Oct. 3.
Screw blanks, Apparatus for making. J. J. Tomalis. 2,165,424; July 11.
Screw blanks, Method and apparatus for forming metal. H. Koester. 2,151,776; Mar. 28.
Screw connection. H. Caminez. 2,152,681; Apr. 4.
Screw cutting, Accurate. G. Möller. 2,169,159; Aug. 8.
Screw cutting die, Solid. T. Petersen. 2,166,369; July 18.
Screw device, Lock. M. Yaneson. 2,152,231; Mar. 28.
Screw driver. E. S. Love. 2,174,327; Sept. 26.
Screw driver. E. Magnano 2,182,673; Dec. 5.
Screw driver. C. S. Schaffer. 2,161,095; June 6.
Screw driver. M. A. West. 2,160,244; May 30.
Screw driver and nut runner overload release. H. O. Short. 2,176,928; Oct. 24.
Screw driver, Multiple. P. Picard. 2,173,042; Sept. 12.
Screw driving means. R. E. Schieber. 2,150,343; Mar. 14.
Screw fastening for high strength connections. H. Caminez. 2,150,876; Mar. 14.
Screw for aircraft, Air. A. H. R. Fedden and H. L. Milner. 2,147,336; Feb. 14.
Screw for vises, Differential. F. F. Billings. 2,148,800; Feb. 28.
Screw head. C. G. Holt. 2,180,633; Nov. 21.
Screw, Locking. W. A. Purtell. 2,177,005; Oct. 24.
Screw lug, Terminal. A. B. Dibner, now by change of name B. Dibner. 2,161,249; June 6.
Screw making machine. A. J. Cherry and A. J. Jaskowiak. 2,174,968; Oct. 3.
Screw or screw bolt. P. Schaurte. 2,168,000; Aug. 1.
Screw, Self-locking. W. A. Purtell. 2,177,003; Oct. 24.
Screw, Self-locking adjusting. J. H. Hoern. 2,166,686; July 18.
Screw, Self-tapping. R. H. Upson. 2,167,559; July 25.
Screw starter. G. F. Pearson. 2,150,184; Mar. 14.
Screw, Tapping. C. G. Olson. 2,160,706; May 30.
Screw thread gauge. H. W. Cram. 2,145,849; Feb. 7.
Screw-threaded stock and manufacture of same. K. Berger. 2,150,815; Mar. 14.
Screw threaded unit, Antiseizing. C. E. S. Place. 2,173,004; Sept. 12.
Screw threads, Rolling. C. G. Olson. 2,183,688; Dec. 19.
Screw with side slots, Square socket. F. K. Brown. 2,173,707; Sept 19.
Screw wrench. E. C. Malvin. 2,175,299; Oct. 10.
Screws, Making recessed head. J. J. Tomalis. 2,165,425; July 11.
Screws, Making self-locking. J. H. Hoern. 2,147,899; Feb. 21.
Screws, Method and apparatus for making self-tapping. A. V. Boggild. 2,161,610; June 6.
Screws, Method of locking. H. B. Lindsay. 2,152,521; Mar. 28.
Scrip cover. D. E. Graham. 2,157,603; May 9.
Scriber. F. J. Zimowske. 2,158,210; May 16.
Scrubber, Rug. H. K. Fatout. 2,149,590; Mar. 7.
Scrubbing machine. H. M. Gorey. 2,181,548; Nov. 28.
Scrubbing machine. H. J. Pond. 2,148,775; Feb. 28.
Sculptural, architectural, and like objects. R. Stagi 2,149,191; Feb. 28.
Sculpture, Structural. R. Foster. 2,153,663; Apr. 11.
Scum collector. M. B. Tark. 2,159,409; May 23.
Scum remover. H. S. Thomas. 2,155,960; Apr. 25.
Seacraft. S. Turkovich. 2,159,410; May 23.
Sea water processing plant, Self-energizing. A. E. Zoppa. 2,179,537; Nov. 14.
Seal. D. A. Boyd. 2,157,995; May 9.
Seal. D. A. Boyd. 2,164,380; July 4.
Seal. D. A. Boyd. 2,183,004–6; Dec. 12.
Seal. W. M. Duncan, Jr. 2,163,488; June 20.
Seal. E. H. Fors. 2,182,892; Dec. 12.
Seal. B. S. Glougie. 2,157,983; May 9.
Seal. F. Keidel. 2,176,459; Oct. 17.
Seal. A. J. Meier. 2,154,632; Apr. 18.
Seal. R. M. Scott. 2,182,972; Dec. 12.
Seal. F. B. Shofner, Jr. 2,183,049; Dec. 12.
Seal and label, Package. C. Newman. 2,153,310; Apr. 4.
Seal assembly, Fluid. J. A. Lignian and R. P. Koehring. 2,167,986; Aug. 1.
Seal, Bag. W. M. Brooks. 2,163,660; June 27.
Seal, Bearing. Z. E. Flick. 2,170,134; Aug. 22.
Seal, Bearing. A. H. Schmal. 2,144,691; Jan. 24.
Seal bearing. R. R. Searles. 2,152,444; Mar. 28.
Seal, Bearing. J. C. Williams. 2,155,628; Apr. 25.
Seal, Bottle. P. J. Marks. 2,179,158; Nov. 7.
Seal, Cap closure. R. Steenhoff. 2,164,957; July 4.
Seal, Ceramic-to-metal. H. Pulfrich. 2,163,407; June 20.
Seal, Ceramic-to-metal. H. Pulfrich. 2,163,409; June 20.
Seal. Ceramic-to-metal. H. Pulfrich and R. Magner 2,163,410; June 20.
Seal coating machine for highways. C. S. Wahlstrom and T. A. White. 2,175,511; Oct. 10.
Seal, Coffee-maker. R. W. Kell and C. D. Barth. 2,174,466; Sept. 26.
Seal, Composite lubrication. A. R. Berman. 2,161,003; June 6.
Seal, Compressor. A. Peterson. 2,163,153; June 20.
Seal, Condenser tube. F. C. Jacobs. 2,155,491; Apr. 25.
Seal construction. A. H. Haberstump. 2,153,418; Apr. 4.
Seal, Elastic. W. J. Anderson and S. S. Rosen. 2,145,284; Jan. 31.
Seal, Electrical connection. K. Ransone. 2,148,392; Feb. 21.
Seal, Floating roof. H. Hammeren. 2,180,587; Nov. 21.
Seal, Fluid. F. A. Helfrecht. 2,172,280; Sept. 5.
Seal, Fluid. L. A. Johnson. 2,146,677; Feb. 7.
Seal, Fluid. E. D. Mosher. 2,162,104; June 13.
Seal, Fluid. E. J. Poitras and J. D. Tear. 2,153,774; Apr. 11.
Seal for bags. V. A. Nelson. 2,170,089; Aug. 22.
Seal for ball bearings. G. R. Bott. 2,173,247; Sept. 19.
Seal for centrifugal fluid treating apparatus. W. J. Podbielniak. 2,153,640; Apr. 11.
Seal for containers. J. E. Roach and H. C. Lohman. 2,146,988; Feb. 14.
Seal for fire hose reels, Fluid. F. W. Funke. 2,149,119; Feb. 28.
Seal for refrigerating apparatus. A. A. McCormack. 2,149,974; Mar. 7.
Seal for refrigerating apparatus. E. B. Newill and A. A. McCormack. 2,158,297; May 16.
Seal for rotary valves of internal combustion engines. A. Baer. 2,156,960; May 2.
Seal for rotating shafts. G. P. Gilman. 2,161,672; June 6.
Seal for shafts, Liquid. W. H. and R. W. Drost. 2,182,981; Dec. 12.
Seal, Glass-to-metal. A. W. Hull and E. E. Burger. 2,167,482; July 25.
Seal, Glass-to-metal. J. E. Beggs. 2,174,374–5; Sept. 26.
Seal, Glass-to-metal. T. A. Elder. 2,174,381; Sept. 26.
Seal, Hydraulic. C. Sauzedde. 2,170,574; Aug. 22.
Seal, Hydraulic plunger. R. Chilton. 2,178,953; Nov. 7.
Seal, Jar. J. D. Miller. 2,144,191; Jan. 17.
Seal, Journal box. D. S. Barrows. 2,152,580; Mar. 28.
Seal, Lubricant. A. F. Berger. 2,156,719; May 2.
Seal, Mechanical rubbing-type. W. J. Podbielniak. 2,158,832; May 16.
Seal, Mercury. J. M. Hait. 2,166,405; July 18.
Seal, Oil. W. M. Borchardt. 2,174,075; Sept. 26.
Seal, Oil. W. J. Chievitz. 2,153,499; Apr. 4.
Seal, Oil. R. J. Gits. 2,158,418; May 16.
Seal, Oil. H. C. Hill. 2,162,218; June 13.
Seal, Oil. T. E. Nelson. 2,173,075; Sept. 12.
Seal opening device, Bottle. J. D. Mainzer. 2,142,695; Jan. 3.

Seal, Pipe joint. P. D. Merrill. 2,142,452; Jan. 3.
Seal, Pipe joint. A. W. Simpson. 2,179,202; Nov. 7.
Seal, Pressure chamber. H. S. Vincent. 2,177,233; Oct. 24.
Seal, Road. R. R. Robertson. 2,153,393; Apr. 4.
Seal, Road joint end. R. R. Robertson. 2,147,269; Feb. 14.
Seal, Shackle. W. M. Brooks. 2,156,616; May 2.
Seal, Shaft. F. C. Mason. 2,145,123; Jan. 24.
Seal, Shaft. H. Ommundson. 2,153,674; Apr. 11.
Seal structure, Plastic fluid. J. H. Victor, W. A. Heinze, and W. F. Bernstein. 2,172,325; Sept. 5.
Seal, Tagging. H. L. C. Wenk, Jr. 2,183,799; Dec. 19.
Seal, Tubular joint. C. A. Reimschissel. 2,181,343; Nov. 28.
Seal, Vacuum tight. H. Pulfrich. 2,163,408; June 20.
Seal with integral vulcanized packing, Fluid. W. A. Heinze and W. F. Bernstein. 2,145,928; Feb. 7.
Seal with welded housing, Fluid. W. A. Heinze. 2,166,293; July 18.
Sealed fluid-actuated device. C. Nielsen, Jr. 2,178,490; Oct. 31.
Sealed receptacle. E. H. Fabrice. 2,169,686; Aug. 15.
Sealed unit. M. W. Kenney and A. R. Constantine. 2,152,056; Mar. 28.
Sealer, Can. C. E. Ives. 2,181,237; Nov. 28.
Sealer construction, Crimping. L. L. Salfisberg. 2,175,031; Oct. 3.
Sealer for wrapping machines, Cooled. D. M. Fincke. 2,151,653; Mar. 21.
Sealer for wrapping machines, Refrigerated. E. F. Mertis. 2,175,274; Oct. 10.
Sealing and dispensing cap. S. White. 2,173,030; Sept. 12.
Sealing and draught excluding device. M. Gretener. 2,146,259; Feb. 7.
Sealing apparatus. E. E. Hogg. 2,176,133; Oct. 17.
Sealing assembly. F. F. Brucker. 2,148,101; Feb. 21.
Sealing construction. A. T. Colwell and O. M. Burkhardt. 2,154,199; Apr. 11.
Sealing device. B. H. Kennedy. 2,143,418; Jan. 10.
Sealing device. R. H. Owens. 2,156,161; Apr. 25.
Sealing device. W. W. Paget. 2,161,833; June 13.
Sealing device and sealing. A. Podel. 2,154,409; Apr. 11.
Sealing device, Door. C. G. Raible. 2,167,776; Aug. 1.
Sealing-in machine. J. F. Donovan and F. J. Malloy. 2,152,793; Apr. 4.
Sealing machine. F. L. Darling. 2,153,039; Apr. 4.
Sealing machine. E. E. Hogg. 2,178,664; Nov. 7.
Sealing machine for electric lamps and similar articles. G. Müller and K. Weinmann. 2,143,708; Jan. 10.
Sealing mass, Cold. F. Janz. 2,142,193; Jan. 3.
Sealing material for vacuum vessels. K. Lenz and E. Woeckel. 2,159,805–10; May 23.
Sealing means for centrifugal pump impellers. R. G. Le Tourneau. 2,162,486; June 13.
Sealing means for fire extinguishing systems, Safety. S. E. Allen and J. E. Rennert. 2,183,208; Dec. 12.
Sealing means for gas holders. W. E. Gruening. 2,165,179; July 4.
Sealing means for journals, Lubricant. P. J. Pool. 2,143,249; Jan. 10.
Sealing means for revolving shafts. A. W. Cramton. 2,147,691; Feb. 21.
Sealing means for shafts of compressors and the like. A. S. Limpert. 2,163,127; June 20.
Sealing means for thermocouples. W. K. McCoy. 2,159,705; May 23.
Sealing strip remover, Bottle stopper. A. B. Dodge. 2,179,880; Nov. 14.
Sealing structure. L. B. Molyneux. 2,167,669; Aug. 1.
Sealing structure for deep well pumps. C. R. McDaniel. 2,182,730; Dec. 5.
Sealing substance, Vitreous. D. V. Edwards. 2,175,019; Oct. 3.
Sealing surface member. N. K. Chaney and E. F. Kiefer. 2,157,526; May 9.
Sealing tool. A. E. Adamson. 2,181,755; Nov. 28.
Seals between ceramic material and metal, Preparation of. T. R. Scott and L. A. C. Pooley. 2,175,672; Oct. 10.
Seals for packages, Method and apparatus for making rip. H. Schünemann. 2,145,781; Jan. 31.
Seam and method, Finishing. W. Myers. 2,169,590; Aug. 15.
Seam, Flat. F. O. Lane. 2,164,036; June 27.
Seam for fabrics. M. T. Present. 2,167,371; July 25.
Seam for garment constructions. J. Siegel. 2,176,229; Oct. 17.
Seam for pipe, Lock. D. A. and M. M. Miller. 2,147,775; Feb. 21.
Seam for sewed articles. A. H. De Voe. 2,176,836; Oct. 17.
Seam for sheet metal can bodies, Side. P. E. Pearson. 2,156,026; Apr. 25.
Seam for sheet metal can bodies, Side. W. F. Punte. 2,156,028; Apr. 25.
Seam for sheet metal cans and making same, Soldered metal. A. G. Hopkins. 2,170,639; Aug. 22.
Seam, Forming a. A. O. Daller. 2,176,584; Oct. 17.
Seam preparation tool. A. A. Stewert. 2,146,659; Feb. 7.
Seam pressing and reinforcing machine. A. Eppler, Jr. 2,178,746; Nov. 7.
Seam reducing. C. K. MacDonald. 2,181,243; Nov. 28.
Seam welding, Electric. R. Schnarz. 2,175,920; Oct. 10.
Seamer, Double. A. Johnson and G. W. Johnson. 2,170,055; Aug. 22.
Seaming and pinking machine, Combined. G. Stevenson. 2,165,312; July 11.
Seaming machine. J. Brenzinger. 2,177,382; Oct. 24.
Seaming mechanism. J. Peyser and W. Diezel. 2,149,543; Mar. 7.
Seams, Forming. L. G. Bowman. 2,182,911; Dec. 12.
Seams, Forming. M. P. Link. 2,150,002; Mar. 7.
Seams, Making French. V. J. Cigoda. 2,176,643; Oct. 17.
Seams, Method of and apparatus for coating sheet metal container side. S. L. Flugge. 2,181,319; Nov. 28.
Seams of sheet metal containers, Apparatus for soldering and coating side. A. L. Kronquest. 2,166,598; July 18.
Seaplanes, Launching. T. B. Rhines. 2,145,459; Jan. 31.
Searchlights, Arc head mechanism for. W. H. Jacobi and I. A. Yost. 2,147,443; Feb. 14.
Searchlight controller. J. F. Peters. 2,162,517; June 13.
Seasoning composition. W. J. Stange. 2,170,954; Aug. 29.

Seat: *See*—
Adjustable resilient seat.
Adjustable seat.
Automobile seat.
Bathtub seat.
Chair seat.
Collapsible pew seat.
Fishing reel seat.
Foldable seat.
Furniture seat.
Heel seat.
Reel seat.
Reversible seat.
Rumble seat.
Safety seat.
Toilet seat.
Valve seat.
Vehicle seat.
Water-closet seat.
Window cleaning seat.

Seat. J. E. Bloomberg. 2,147,361; Feb. 14.
Seat. E. Brosset. 2,152,024; Mar. 28.
Seat. M. R. Hutchinson. 2,156,629; May 2.
Seat. A. Kaiser. 2,177,892; Oct. 31.
Seat. C. H. Menge. 2,185,036; Dec. 26.
Seat. J. W. Page and W. H. Jump. 2,153,155; Apr. 4.
Seat adjuster. E. G. Simpson and E. L. Graf. 2,181,671; Nov. 28.
Seat adjusting unit. L. S. Whedon. 2,175,452; Oct. 10.
Seat and cover for toilets, Combined. B. E. Mallory. 2,171,581; Sept. 5.
Seat and cover, Toilet. B. Winding. 2,155,286; Apr. 18.
Seat and deck construction for stadia. R. W. Ryan, D. L. Mead, and O. O. Phillips. 2,171,374; Aug. 29.
Seat and flush rim, Combination. W. C. Groeniger. 2,164,320; July 4.
Seat and flush rim, Combined. W. C. Groeniger. 2,154,240; Apr. 11.
Seat and squab, Reversible. J. K. Stuart, V. W. Stacey, and T. A. Wylie. 2,152,505; Mar. 28.
Seat attachment, Bathtub. G. B. Bentz. 2,142,263; Jan. 3.
Seat attachment, Bathtub. G. B. Bentz. 2,151,581; Mar. 21.
Seat back and the like and method of forming. C. A. Van Derveer. 2,163,359; June 20.
Seat-back base, Reversible. A. B. Bell. 2,154,600; Apr. 18.
Seat base, Reversible. O. E. Hill. 2,183,021; Dec. 12.
Seat construction. H. C. Flint. 2,163,751; June 27.
Seat construction. H. C. Flint. 2,177,363; Oct. 24.
Seat construction. C. L. Haslup. 2,177,408; Oct. 24.
Seat construction. W. Marshall and P. M. Camiener. 2,145,660; Jan. 31.
Seat construction. T. A. McGregor. 2,160,482; May 30.
Seat construction, Adjustable. W. S. Saunders. 2,143,634; Jan. 10.
Seat construction, Spring. H. F. Wolfe. 2,158,647; May 16.
Seat cover. G. E. Bishop. 2,161,448; June 6.
Seat cover. R. A. and J. F. Cramer. 2,184,037; Dec. 19.
Seat cover, Removable. E. M. Phillips. 2,172,890; Sept. 12.
Seat folding device, Automatic. J. Lincoln. 2,164,116; June 27.
Seat for amusement devices. L. U. Eyerly. 2,165,698; July 11.
Seat for children, Portable sanitary comfort. H. C. Hess 2,153,866; Apr. 11.
Seat for infants, Closet. G. J. Zaio. 2,155,577; Apr. 25.
Seat for motor vehicles, Spring supported. R. Kaiser. 2,142,358; Jan. 3.
Seat for vehicles. L. Assalit. 2,143,534; Jan. 10.
Seat for vehicles, Ventilated. C. J. Petterson. 2,158,801; May 16.
Seat frame. C. W. Avery. 2,167,863; Aug. 1.
Seat guard. M. B. Sullivan. 2,168,919; Aug. 8.
Seat mat package, Toilet. A. M. Seraphin. 2,155,102; Apr. 18.
Seat mechanism, Reclining. G. K. Bradfield, Jr. 2,180,505; Nov. 21.
Seating structure. F. Albach and G. R. Chervenka. 2,183,056–7; Dec. 12.
Seat structure. E. B. Morgan. 2,159,098; May 23.
Seat structure. E. B. Morgan and J. M. Ver Meulen. 2,146,310; Feb. 7.
Seat structure. C. S. Reed. 2,169,197; Aug. 8.
Seat structure. E. T. Todd. 2,142,662; Jan. 3.
Seat support, Adjustable. W. S. Saunders and T. A. McGregor. 2,151,156; Mar. 21.
Seat track and riser. R. C. Jacobs. 2,170,923; Aug. 29.
Seat with movable back for airplanes, Adjustable. E. Meissner. 2,148,953; Feb. 28.

Secondary emission tube. G. B. Banks. 2,164,892; July 4.
Secondary emitter tube. G. Brauer and E. Ruska. 2,159,519; May 23.
Secrecy system for telegraphy. R. E. Mathes. 2,175,847; Oct. 10.
Secretarial answering system. S. Peterson and J. E. Gunseth, Jr. 2,168,883; Aug. 8.
Sectional furnace. A. P. Livar. 2,159,440; May 23.
Sections from sheet metal by rolling, Producing profiled. E. Penkala. 2,145,526; Jan. 31.
Sections from sheet metal by rolling, Production of profiled. E. Penkala. 2,164,836; July 4.
Sections from sheet metal by rolling, Production of profiled. E. Penkala. 2,146,223; Feb. 7.
Sections of material to a running web, Application of. J. Shackleton. 2,162,566; June 13.
Securing device. G. F. L. Gilbert. 2,161,464; June 6.
Securing device. J. J. O'Callaghan. 2,169,708; Aug. 15.
Securing device, Resilient. J. H. Van Uum. 2,163,455; June 20.
Securing means. F. A. Manning. 2,153,259; Apr. 4.
Securing means for meat molds. A. Faulkner. 2,166,429; July 18.
Securing means for the screw-threaded bases of electric current leads. J. Krös. 2,143,562; Jan. 10.
Sediment indicator. J. Drew. 2,177,060; Oct. 24.
Sediment sampler. A. M. Lang. 2,153,894; Apr. 11.
Sedimentation. J. van N. Dorr. 2,160,838; June 6.
Sedimentation apparatus. L. D. Goodhue and C. M. Smith. 2,163,000; June 20.
Sedimentation apparatus. S. Shafer, Jr. and R. A. Seidenstricker. 2,150,865; Mar. 14.
Seed and cereal grains, Purification and cleaning of. T Earle. 2,143,306; Jan. 10.
Seed and material distributor attachment to trucks. L. R. Frank. 2,180,044; Nov. 14.
Seed cleaner, Rotary. F. L. Bookwalter. 2,183,511; Dec. 12.
Seed cleaning machine. J. F. Field. 2,150,716; Mar. 14.
Seed disinfectant composition and making same. K. Görnitz, W. Harnack, and O. Wurm. 2,145,594; Jan. 31.
Seed drill. L. J. Pettett. 2,153,991; Apr. 11.
Seed gathering attachment for mowing machines. K. Jones. 2,152,548; Mar. 28.
Seed planting mechanism for agricultural implements C. J. Cobbley and J. R. Bone. 2,174,120; Sept. 26.
Seed planting, seed inoculation, and fertilizer. A. C Fischer. 2,168,332; Aug. 8.
Seedbed border and canvas support, Insectproof. J. W. Wilson. 2,146,784; Feb. 14.
Seeder. M. Aspenes. 2,168,855; Aug. 8.
Seeder. G. E. Bellamy and M. C. Jett. 2,185,021; Dec. 26.
Seeding agent for titanium salt solution. B. W. Allan. 2,143,850; Jan. 17.
Seeding apparatus. E. A. W. Beemer. 2,151,414; Mar. 21.
Seeds and the growth of seedlings, Apparatus for the germination of. H. H. B. Lund. 2,153,871; Apr. 11.
Seeds and the growth of seedlings, Apparatus for the germination of. H. H. B. Lund. 2,169,701; Aug. 15.
Seeds and the growth of seedlings, Apparatus for the germination of. H. H. B. Lund. 2,179,642; Nov. 14.
Seeds, bulbs, tubers, and roots, Treating. G. E. Heyl 2,168,523; Aug. 8.
Seeds by froth flotation, Separation of. T. Earle. 2,155,219; Apr. 18.
Seeds for the production of food, Treating. M. Cohn 2,172,699; Sept. 12.
Seesaw operated vehicle. A. Grampp. 2,184,097; Dec. 19.
Segment for forming tubular structures. T. L. White 2,181,509; Nov. 28.
Segmental former, Collapsible. H. Smith and T. Taylor 2,168,588; Aug. 8.
Seismic-electric prospecting by means of continued waves. L. W. Blau. 2,156,259; May 2.
Seismic prospecting. S. A. Scherbatskoy. 2,156,198; Apr. 25.
Seismic survey. J. P. Minton. 2,160,224; May 30.
Seismic surveying. J. E. Owen. 2,184,313; Dec. 26.
Seismic surveying. B. B. Weatherby. 2,151,878; Mar. 28.
Seismic surveying. B. B. Weatherby. 2,154,548; Apr. 18.
Seismic surveying, Subsurface. L. Y. Faust. 2,156,624; May 2.
Seismic waves, According. J. P. Minton. 2,161,764; June 6.
Seismic waves, Apparatus for recording. J. P. Minton. 2,167,124; July 25.
Seismograph prospecting. L. W. Gardner. 2,153,920; Apr. 11.
Selecting and typing means for printing telegraphs. A. H. Adams. 2,161,840; June 13.
Selective control device. A. W. Wheaton. 2,172,601; Sept. 12.
Selective control system and apparatus. L. M. Potts Re. 21,042; Apr. 4.
Selective remote control system. H. B. Boose 2,177,609; Oct. 24.
Selective switch. E. P. G. Wright. 2,170,885; Aug. 29.
Selective system. A. A. Lundstrom. 2,149,355; Mar. 7.
Selective system, Vehicle-controlled. F. H. Richterkessing. 2,171,278; Aug. 29.
Selectivity control, Automatic. J. E. Beggs. 2,156,077; Apr. 25.
Selectivity control, Automatic. N. P. Case. 2,169,830; Aug. 15.
Selectivity control system. J. M. Riddle, Jr. 2,166,693; July 18.
Selectivity means, Variable. E. Toth and W. H. Cooper. 2,145,561; Jan. 31.
Selector. D. L. Lienzén. 2,148,824; Feb. 28.
Selector apparatus for radio receivers, Time controlled. O. A. Carlson and L. Pratt. 2,163,190; June 20.
Selector, Code calling. C. Miller. 2,169,158; Aug. 8.
Selector control mechanism. H. J. Kaye. 2,180,740; Nov. 21.
Selector for automatic phonographs, Sequence. H. J. Cloer. 2,178,886; Nov. 7.
Selector for carrier conveyer systems, Capacity. A. Drenkard, Jr. 2,150,431; Mar. 14.
Selector for carrier conveyer systems, Resonator. A. Drenkard, Jr. 2,150,430; Mar. 14.
Selector for carrier conveyers, Magnetic and resonator. W. Hargreaves. 2,150,440; Mar. 14.
Selector for electric wiring systems. M. B. Richter. 2,146,228; Feb. 7.
Selector mechanism for automatic phonographs, Sequence. E. A. Ebert and N. J. Gleiser. 2,183,607; Dec. 19.
Selector mechanism for electrical roll call or voting apparatus. C. F. Thompson. 2,168,373; Aug. 8.
Selector mechanism for single trigger actions. E. E. and H. L. Miller. 2,173,308; Sept. 19.
Selector release circuit. C. W. Keckler and A. Raynsford. 2,169,389; Aug. 15.
Selector switch. W. W. Carpenter and R. F. Mallina. 2,173,548; Sept. 19.
Selector switch. W. C. Edwards and S. R. Conwell. 2,170,711; Aug. 22.
Selector switch. C. N. Hickman. 2,164,034; June 27.
Selenium rectifier having light metal carrier electrodes. F. Brunke and W. Koch. 2,163,393; June 20.
Selenyl aryl thiazoles, Preparing. L. R. Sperberg. 2,184,170; Dec. 19.
Self-aligning bearing. E. F. Martinet and E. J. Kasper. 2,143,201; Jan. 10.
Self-aligning clutch. G. F. Le Bus. 2,180,597; Nov. 21.
Self-closing bag. C. Rose. 2,148,648; Feb. 28.
Self-closing gate. L. R. Smart and M. Nelson. 2,151,052; Mar. 21.
Self-energizing clutch, Automatic. H. J. Murray. 2,143,710; Jan. 10.
Self-gripping device. C. G. Olson. 2,142,819–20; Jan. 3.
Self-inductance device. E. Reiser. 2,180,850; Nov. 21.
Self-locking container. J. B. Richards and W. R. Van Winkle. 2,144,774; Jan. 24.
Self-locking retaining clip. J. H. Van Uum. 2,144,171; Jan. 17.
Self-locking securing device. J. H. Van Uum. 2,154,712; Apr. 18.
Self-measuring dispenser. H. E. Allan. 2,148,421; Feb. 28.
Self-priming pump. R. G. Barzen. 2,174,959–60; Oct. 3.
Self-priming pump, Centrifugal. H. E. Rupp and J. C. Gorman. 2,181,792; Nov. 28.
Self-starter for engines. B. H. McManeus. 2,166,014; July 11.
Self-starting synchronous motor. E. Spahn. 2,151,996; Mar. 28.
Selvage forming device. W. T. Sullivan. 2,179,069; Nov. 7.
Selvedge edges on full fashioned knitting machines, Knitting. E. S. Sachsenmaier. 2,181,820; Nov. 28.
Semaphore signal. H. R. Trubshaw. 2,180,749; Nov. 21.
Semicab forward. S. A. Jeffries. 2,174,267; Sept. 26.
Semicoke or coke from carbonizable solid fuel material. A. Pott. 2,166,321; July 18.
Semiliquid or plastic substances, especially chocolate, Process and machine for treatment of. K. C. S. Aasted. 2,147,184; Feb. 14.
Semipulp, Continuous process for the manufacture of. U. Pomilio. 2,178,266; Oct. 31.
Semitrailer combination, Tractor. W. H. Wilson and C. H. Land. 2,181,389; Nov. 28.
Semitrailer load handling machine mechanism. R. H. Zeilman. 2,157,376; May 9.
Sensitive control system. E. D. Lilja. 2,145,267; Jan. 31.
Sensitive indicator. C. G. Seright. 2,173,487; Sept. 19.
Sensitive instrument. O. T. Handwerk. 2,156,496; May 2.
Sensitivity tuning system, Automatic. A. W. Barber. 2,144,008; Jan. 17.
Sensitizing coating machine. G. C. Beidler. 2,185,049; Dec. 26.
Sensitometer. J. C. Dionne and H. W. Keevil. 2,170,515; Aug. 22.
Separable connector. N. A. Tornblom. 2,167,223; July 25.
Separable connector, Automatic unlocking. W. A. Wulle. 2,152,125; Mar. 28.
Separable electrical connector. M. L. Howell. 2,183,911; Dec. 19.
Separable fastener. F. D. Banning. 2,168,598; Aug. 8.
Separable fastener. A. E. Carlile. 2,157,381; May 9.
Separable fastener. N. J. Poux. 2,174,892; Oct. 3.

Separable fastener. B. Pruzan. 2,180,167; Nov. 14.
Separable fastener. S. T. Schofield. 2,174,140; Sept. 26.
Separable fastener. G. Sundback. 2,146,691; Feb. 7.
Separable fastener, Covered. D. Marinsky. 2,145,552; Jan. 31.
Separable fastener, Locking. L. Roseman. 2,184,650; Dec. 26.
Separating device. O. E. Eissmann. 2,173,088; Sept. 19.
Separating device. R. B. Pressler. 2,177,330; Oct. 24.
Separating device, Coin and slug. W. A. Tratsch and W. Patzer. 2,158,919; May 16.
Separating member for Jordan engines. A. L. Bolton. 2,156,835; May 2.
Separating method and apparatus. T. B. Allardice. 2,182,862; Dec. 12.
Separating, Process of and apparatus for. W. B. Foulke and W. A. Wills. 2,150,917; Mar. 21.
Separating system and method. J. E. Fulweiler. Re. 20,185; Aug. 29.
Separation apparatus. J. Mann. 2,167,988; Aug. 1.
Separation apparatus. D. M. Wright. 2,163,927; June 27.
Separation of oils. H. Rosenthal. 2,152,666; Apr. 4.

Separator: *See*—
Automatic separator.
Centrifugal separator.
Centrifugal cream separator.
Check separator.
Coin separator.
Cold separator.
Concave spiral separator.
Cream separator.
Duplex centrifugal separator.
Dust separator.
Egg separator.
Gas separator.
Grain separator.
Grease separator.
Liquid separator.
Magnetic separator.
Oil and gas separator.
Oil, gas, and water separator.
Pneumatic separator.
Shale separator.
Sheet separator.
Vapor-liquid separator.
Whizzer separator.

Separator. J. H. Carson. 2,147,088; Feb. 14.
Separator. J. Dotto. 2,142,349; Jan. 3.
Separator. R. W. Goeb. 2,160,498; May 30.
Separator. E. Henderson, J. B. Reddick, and B. M. Laulhere. 2,167,839; Aug. 1.
Separator. H. W. How. 2,163,600; June 27.
Separator. C. W. Metzgar. 2,157,829; May 9.
Separator. P. Pascale. 2,178,240; Oct. 31.
Separator. G. E. Randall. 2,158,863; May 16.
Separator. L. Thuillard. 2,172,133; Sept. 5.
Separator and classifier, Magnetic ore. D. M. Crist. 2,144,796. Jan. 24.
Separator and collector, Dust. L. C. Smith. 2,182,165; Dec. 5.
Separator, and grader, Grain and seed cleaner. C. N. Hatfield. 2,174,322; Sept. 26.
Separator and matrix holder, Dental. F. B. McNinch. 2,150,005; Mar. 7.
Separator and wringer, Centrifugal. C. C. Searle. 2,159,536; May 23.
Separator, Cleaner, concentrating table, or the like, Pneumatic. F. L. Knight. 2,163,342; June 20.
Separator deck. L. F. McCleary and H. L. Hammond. 2,163,734; June 27.
Separator device, Electromagnetic. A. L. J. Queneau. 2,154,010; Apr. 11.
Separator for adjusting the human vertebrae. A. C. Peckham. 2,160,709; May. 30.
Separator for precious metals, Centrifugal. L. T. Bennett. 2,146,716; Feb. 14.
Separator for self-priming pumps or the like. H. E. La Bour. 2,163,951; June 27.
Separator of special material for paper stock treating engines. A. L. Bolton. 2,161,848; June 13.
Separator, Operating a centrifugal. W. E. Smith. 2,179,436; Nov. 7.
Separator provided with special discharges, Centrifugal. N. Bergner. 2,171,136; Aug. 29.
Separator screen, Flexible. R. C. Randolph. 2,158,705; May 16.
Separators, Air and other. G. H. Fraser. 2,148,452; Feb. 28.
Separators, Inlet and outlet for closed centrifugal. E. A. Forsberg. 2,145,541; Jan. 31.
Septic toilet tank. L. Otto. 2,143,248; Jan. 10.
Sequence operation control and interlock system. R. L. Kirk. 2,166,058; July 11.
Serial mounting. E. C. Cork and J. L. Pawsey. 2,184,940; Dec. 26.
Serial multiway valve. J. S. Frechette. 2,165,096; July 4.
Serial, Wireless. N. Wells. 2,156,661; May 2.
Serrated wave form generator. R. Andrieu. 2,143,366; Jan. 10.
Server, Bun. R. H. and J. V. Moebus. 2,180,540; Nov. 21.
Service regulator. F. Niesemann. 2,182,701; Dec. 5.
Service station, Air and water. H. G. Davis. 2,157,887; May 9.
Service unit for air cleaners and process of use therefor. J. M. Born. 2,174,311; Sept. 26.
Serviette-folding machine. C. E. Turner. 2,183,497; Dec. 12.
Serving device. L. A. Leppke. 2,174,586; Oct. 3.
Servo-brake for motor vehicles, Hydraulic. L. Saives. 2,145,373; Jan. 31.
Servo-brake mechanism for vehicles and the like. G. R. G. Gates. 2,166,586; July 18.
Servo-clutch. P. F. Peyruqueou. 2,168,715; Aug. 8.
Servomotor and control for transmissions. V. W. Kliesrath. 2,156,118; Apr. 25.
Servomotor for the remote control of aircraft. E. Fischel and J. Thiry. 2,179,179; Nov. 7.
Servomotor for vehicle brakes. H. R. Fitzgerald. 2,181,757; Nov. 28.
Servo-motor, Regulating means with. K. T. Källe. 2,147,977; Feb. 21.
Servomotor, Self-centering. W. Ernst. 2,184,665; Dec. 26.
Servomotor system for aircraft. B. G. Carlson. 2,165,451; July 11.
Setting and cementing tool. J. H. and H. G. Hudson. 2,145,512; Jan. 31.
Setting for precious stones. L. Hirsch. 2,172,613; Sept. 12.
Setting mechanism, Electromagnetically operated. E. A. Ford. 2,172,061; Sept. 5.
Settings, Making. M. Lucomlin. 2,183,264; Dec. 12.
Set-up device. C. B. Larsen. 2,162,338; June 13.
Set-up insulation box. P. Zalkind. 2,165,327; July 11.
7-keto cholesteryl halide and making it. R. E. Marker. 2,177,355; Oct. 24.
Severing and dispensing apparatus. H. E. Williams. 2,156,931; May 2.
Severing device for use in bookbinding and other operations. A. J. Kitcat. 2,168,035; Aug. 1.
Sewage cleaning tool. T. Haley. 2,158,577; May 16.
Sewage, Controlling the purification of. E. B. Mallory. 2,154,132; Apr. 11.
Sewage, Destroying. H. H. Moreton. 2,169,160; Aug. 8.
Sewage, Destroying. H. H. Moreton. 2,175,300; Oct. 10.
Sewage disposal apparatus, Ship's. J. F. Tucker. 2,163,506; June 20.
Sewage, Disposal of. E. A. Slagle. 2,158,595; May 16.
Sewage disposal system. W. S. Bowen. 2,151,079; Mar. 21.
Sewage, Method and apparatus for cleaning. S. L. Tolman. 2,149,751; Mar. 7.
Sewage, Method and apparatus for destroying. H. H. Moreton. 2,183,463; Dec. 12.
Sewage or other waste material, System for and method of treating. L. E. Langdon. 2,142,196; Jan. 3.
Sewage or waste liquors, Purification of. P. Zigerli. 2,158,954; May 16.
Sewage screening apparatus. J. Schaaf. 2,142,737; Jan. 3.
Sewage, Treating. J. G. Bevan. 2,167,443; July 25.
Sewage, Treating. J. G. Bevan. 2,177,857; Oct. 31.
Sewage treatment apparatus. C. H. Nordell. 2,144,385; Jan. 17.
Sewage treatment, Apparatus for. C. H. Nordell. 2,144,386; Jan. 17.
Sewage waste and the like, Method of and apparatus for disposing of. W. A. Dundas and P. Harrington. 2,148,981; Feb. 28.
Sewage waste, Method of and apparatus for disposing of. W. A. Dundas and P. Harrington. 2,148,447; Feb. 28.
Sewer clean-out, Sanitary. J. F. and G. M. Walz. 2,176,553; Oct. 17.
Sewer cleaning machine, Rotary. G. J. Sanger. 2,167,268; July 25.
Sewer regulator, Automatic. C. S. Brown. 2,150,359; Mar. 14.
Sewer rod power. H. R. Crane. 2,154,666; Apr. 18.
Sewer trap. P. G. Schweighart. 2,174,332; Sept. 26.
Sewing and mending machine. A. C. Wieck. 2,179,770; Nov. 14.
Sewing apparatus, Portable. J. P. Weis. 2,168,276; Aug. 1.
Sewing attachment, Welt. J. Lefevre. 2,168,776; Aug. 8.
Sewing device, Hand guided mechanically driven intermittently operated. K. Nicolay. 2,176,977; Oct. 24.
Sewing machine. C. E. Barrett. 2,149,237; Feb. 28.
Sewing machine. T. H. De Spain. 2,150,494; Mar. 14.
Sewing machine. A. H. Devoe. 2,151,346; Mar. 21.
Sewing machine. A. H. De Voe. 2,161,140; June 6.
Sewing machine. C. J. Dorer. 2,145,043; Jan. 24.
Sewing machine. J. Gouldbourn and T. A. Kestell. 2,168,568; Aug. 8.
Sewing machine. O. R. Haas. 2,148,197; Feb. 21.
Sewing machine. H. Hacklander and H. J. Le Vesconte. 2,158,562; May 16.
Sewing machine. H. Hacklander and G. Sauer. 2,180,319; Nov. 14.
Sewing machine. R. K. Hohmann. 2,144,801; Jan. 24.
Sewing machine. N. F. Hopkins. 2,178,531; Oct. 31.
Sewing machine. R. Kaier. 2,172,559; Sept. 12.
Sewing machine. L. Kaufman. 2,166,760; July 18.
Sewing machine. R. S. Kelso. 2,178,175; Oct. 31.
Sewing machine. C. L. Knott. 2,160,384; May 30.
Sewing machine. O. E. Kratz. 2,174,790; Oct. 3.
Sewing machine. F. M. Lee. 2,155,722; Apr. 25.
Sewing machine. S. Levin. 2,147,047; Feb. 14.
Sewing machine. R. A. Lineham and F. Barton. 2,180,423; Nov. 21.
Sewing machine. F. Lutz. 2,156,536; May 2.
Sewing machine. R. L. Lyons. 2,175,612; Oct. 10.
Sewing machine. F. W. Merrick. 2,149,456; Mar. 7.
Sewing machine. C. Meyer. 2,170,948; Aug. 29.
Sewing machine. C. W. Mueller. 2,168,740; Aug. 8.
Sewing machine. C. W. Mueller. 2,175,967; Oct. 10.
Sewing machine. C. W. Mueller. 2,178,183; Oct. 31.

Sewing machine. J. H. Pikul. 2,158,197; May 14.
Sewing machine. D. Rothchild. 2,152,819; Apr. 4.
Sewing machine. H. A. and G. Scavelli, Sr. 2,180,696; Nov. 21.
Sewing machine. O. Strobel. 2,157,032; May 2.
Sewing machine. J. P. Weis. 2,157,369; May 9.
Sewing machine. J. P. Weis and F. F. Zeier. 2,145,822; Jan. 31.
Sewing machine. J. P. Weis and F. F. Zeier. 2,145,824; Jan. 31.
Sewing machine. J. P. Weis and F. F. Zeier. 2,145,826; Jan. 31.
Sewing machine. J. P. Weis and F. F. Zeier. 2,179,392; Nov. 7.
Sewing machine. E. C. Zablocki. 2,147,006; Feb. 14.
Sewing machine and process. H. J. Ernst. 2,150,677; Mar. 14.
Sewing machine and template for use therewith. J. Stroop. 2,145,060; Jan. 24.
Sewing machine attachment. O. J. Antonelli. 2,177,854; Oct. 31.
Sewing machine attachment. G. L. Hinman. 2,175,293; Oct. 10.
Sewing machine attachment. Z. Routtenberg. 2,145,698; Jan. 31.
Sewing machine attachment for fixing a permanent crease in garments. D. and S. Segelin. 2,159,713; May 23.
Sewing machine, Blind stitch. S. Boigon. 2,145,039; Jan. 24.
Sewing machine, Blind stitch. L. G. Bowman. 2,168,727; Aug. 8.
Sewing machine, Blind stitch. L. G. Bowman. 2,172,494; Sept. 12.
Sewing machine, Blind stitch. H. C. Moulton and C. W. Mueller. 2,158,246; May 16.
Sewing machine, Blind stitch. C. W. Mueller. 2,161,527; June 6.
Sewing machine, Blind stitch. C. W. Mueller. 2,168,741; Aug. 8.
Sewing machine, Blind-stitching presser-foot for zig-zag. P. Boguhn and R. Bochmann. 2,162,212; June 13.
Sewing machine, Button. S. W. Avis. 2,158,171–2; May 16.
Sewing machine, Button. J. Brussell. 2,175,247; Oct. 10.
Sewing machine, Button. F. A. Reece. 2,158,199; May 16.
Sewing machine, Buttonhole. S. W. Avis. 2,149,110; Feb. 28.
Sewing machine feed mechanism. R. K. Hohmann. 2,144,802; Jan. 24.
Sewing machine feeding mechanism. A. H. De Voe. 2,179,924; Nov. 14.
Sewing machine for producing superposed stitches. L. Roseman. 2,153,006; Apr. 4.
Sewing machine, Fur. C. Bonis. 2,151,345; Mar. 21.
Sewing machine guard. S. Stoyanowski. 2,168,501; Aug. 8.
Sewing machine, Hand. T. E. Monroe. 2,152,203; Mar. 28.
Sewing machine having automatically operated cutting devices. F. Lutz. 2,148,377; Feb. 21.
Sewing machine, Lock stitch. N. V. Christensen and H. J. Le Vesconte. 2,159,204; May 23.
Sewing machine, Lock stitch. C. F. Rubel. 2,178,544; Nov. 7.
Sewing machine, Lock stitch. C. F. Rubel and C. C. Smith. 2,178,543; Nov. 7.
Sewing machine, Lock stitch shoe. C. L. Knott. 2,159,166; May 23.
Sewing machine lubricating system. G. A. Fleckenstein and M. L. Waterman. 2,176,048; Oct. 17.
Sewing machine, Multiple needle. J. Brussell. 2,159,252; May 23.
Sewing machine needle-actuating mechanism. A. H. De Voe. 2,161,142; June 6.
Sewing machine, Press-stitcher. W. Heffron. 2,169,528; Aug. 15.
Sewing machine ruffler. O. and T. J. Rich, Jr. 2,148,878; Feb. 28.
Sewing machine, Shoe. O. R. Haas. 2,173,299; Sept. 19.
Sewing machine, Shoe. O. R. Haas. 2,175,056; Oct. 3.
Sewing machine, Shoe. B. T. Leveque. 2,162,406; June 13.
Sewing machine, Shoe. E. Quinn. 2,142,966; Jan. 3.
Sewing machine, Stop motion. J. V. Poole and C. E. Clarke. 2,158,484; May 16.
Sewing machine table. T. C. Torines. 2,171,318; Aug. 29.
Sewing machine thread case, Rotary hook. J. D. Karle. 2,154,403; Apr. 11.
Sewing machine, Two-needle button. J. Vollman and H. Gunther. 2,145,216; Jan. 24.
Sewing machine work guide attachment. M. Curreri. 2,163,086; June 20.
Sewing machines, Adhesive-applying attachment for. E. Movsesian. 2,142,733; Jan. 3.
Sewing machines, Adjustable bedplate attachment for. G. L. Hinman and O. Balzano. 2,148,987; Feb. 28.
Sewing machines, Adjustable eccentric for. R. Kaier. 2,161,579; June 6.
Sewing machines and parts thereof, Lubricating system for. J. P. Weis. 2,157,371; May 9.
Sewing machines and the like, Feed mechanism for. N. V. Christensen, C. C. Smith, and G. Sauer. 2,156,525; May 2.
Sewing machines and the like, Strip folder for. C. S. Thompson. 2,175,493; Oct. 10.
Sewing machines, Attachment for. J. Caudle. 2,183,185; Dec. 12.
Sewing machines, Automatic coupling for. R. C. Robert. 2,173,286; Sept. 19.
Sewing machines, Auxiliary feeding mechanism for. F. Ebert. 2,145,509; Jan. 31.
Sewing machines, Button. F. A. Reece. 2,158,200; May 16.
Sewing machines, Buttonhole-cutter safety device for automatic buttonhole. E. P. Spaine. 2,174,294; Sept. 26.
Sewing machines, Construction of button. J. Brussell. 2,175,248; Oct. 10.
Sewing machines, Cutting attachment for. W. S. Peppler. 2,145,126; Jan. 24.
Sewing machines, Device for cutting and clamping the needle thread of. J. J. Fincher. 2,163,994; June 27.
Sewing machines, Feed dog for. J. Brussell. 2,160,120; May 30.
Sewing machines, Feeding mechanism for. A. B. Clayton. 2,154,396; Apr. 11.
Sewing machines, Feeding mechanism for. L. H. Talmadge. 2,150,527; Mar. 14.
Sewing machines, Feeding mechanism for. J. P. Weis. 2,157,370; May 9.
Sewing machines, Feeding mechanism for. J. P. Weis and F. F. Zeier. 2,145,823; Jan. 31.
Sewing machines, Folding and pressing attachment for. T. A. Anderson. 2,159,416; May 23.
Sewing machines, Gauge for. E. C. Zablocki. 2,159,538; May 23.
Sewing machines, Guard attachment for. M. McCann. 2,154,246; Apr. 11.
Sewing machines, Hemming attachment for. E. J. Swanson. 2,173,509; Sept. 19.
Sewing machines, Looper mechanism for. F. A. Kucera. 2,172,321; Sept. 5.
Sewing machines, Hemstitching attachment for. G. L. Hinman. 2,154,680; Apr. 18.
Sewing machines, Loop-taker for. M. L. Waterman. 2,148,385; Feb. 21.
Sewing machines, Looping mechanism for. A. H. De Voe. 2,160,355; May 30.
Sewing machines, Lubricating means for. S. Zonis. 2,151,308; Mar. 21.
Sewing machines, Lubricating mechanism for. J. P. Weis and F. F. Zeier. 2,145,825; Jan. 31.
Sewing machines, Lubricating system for. C. C. Smith. 2,156,547; May 2.
Sewing machines, Needle guard for. L. Lempert. 2,178,480; Oct. 31.
Sewing machines, Needle guard for. S. Rosenfeld. 2,175,030; Oct. 3.
Sewing machines, Needle guide for. F. A. Kucera. 2,156,535; May 2.
Sewing machines, Presser device for. F. F. Max. 2,174,290; Sept. 26.
Sewing machines, Presser foot for. H. Hacklander and H. J. Le Vesconte. 2,158,563; May 16.
Sewing machines, Presser foot for. O. Mohn. 2,156,399; May 2.
Sewing machines, Presser foot for. C. W. Mueller. 2,178,184; Oct. 31.
Sewing machines, Presser-foot for. R. J. Sailor. 2,147,128; Feb. 14.
Sewing machines, Presser mechanism for. A. H. De Voe. 2,161,141; June 6.
Sewing machines, Roller presser backstop device for. G. W. Wesson. 2,156,045; Apr. 25.
Sewing machines, Ruffling attachment for. A. F. De Rose. 2,161,410; June 6.
Sewing machines, Shoe. B. T. Leveque. 2,144,766; Jan. 24.
Sewing machines, Shoe. B. T. Leveque. 2,160,105; May 30.
Sewing machines, Stitching mechanism for. L. R. Harding. 2,180,756; Nov. 21.
Sewing machines, Stopping mechanism for. B. T. Leveque. 2,158,134; May 16.
Sewing machines, Strip-tensioning means for. C. S. Thompson, F. A. Kucera, and A. S. Riviere. 2,175,494; Oct. 10.
Sewing machines, Tension device for. R. Casas Robert. 2,166,770; July 18.
Sewing machines, Tension-releaser for. E. P. Spaine. 2,165,016; July 4.
Sewing machines, Thread controlling device for. J. R. Nunn. 2,184,929; Dec. 26.
Sewing machines, Thread-controlling mechanism for. A. H. De Voe. 2,173,320; Sept. 19.
Sewing machines, Thread handling device for. J. P. Weis. 2,157,373; May 9.
Sewing machines, Top feed dog for. C. W. Mueller. 2,182,929; Dec. 12.
Sewing machines, Trimming mechanism for. F. M. Card. 2,155,301; Apr. 18.
Sewing machines, Tufting attachment for. W. F. Schmiedel. 2,160,090; May 30.
Sewing machines, Tufting attachment for. W. F. Schmiedel. 2,160,094; May 30.

Sewing machines, Tufting attachment for. O. R. Strain and W. H. Sparks. 2,143,681; Jan. 10.
Sewing machines, Tufting mechanism for. L. A. Smith. 2,180,073; Nov. 14.
Sewing machines, Unitary electrical system for. D. D. Way. 2,174,297; Sept. 26.
Sewing machines, Whip-stitching attachment for. T. E. D. Bilde. 2,163,187; June 20.
Sewing machines, Whip-stitching attachment for. J. T. Sandberg. 2,168,139; Aug. 1.
Sewing machines, Work support for. H. C. Moulton and C. W. Mueller. 2,175,966; Oct. 10.
Sewing machines, Work support for. C. W. Mueller. 2,161,528; June 6.
Sewing mechanism. T. H. De Spain. 2,159,688; May 23.
Sewing mechanism. T. H. De Spain. 2,167,104; July 25.
Sewing mechanism. W. H. Lewin. 2,152,766; Apr. 4.
Sextant, Gyro. L. F. Carter and M. F. Bates. 2,177,094; Oct. 24.
Shackle, Spring. B. D. McIntyre. 2,178,692; Nov. 7.
Shackle, Vehicle. D. B. Flickinger. 2,162,479; June 13.
Shade. W. E. McKinney. 2,162,226; June 13.
Shade. W. Wade. 2,165,669; July 11.
Shade and covering therefor, Lamp. A. Burke. 2,171,137; Aug. 29.
Shade and curtain fixture, Combined. R. V. Aiello. 2,184,134; Dec. 19.
Shade and curtain holder, Window. J. H. Quinlan. 2,175,761; Oct. 10.
Shade and lamp shade frame, Lamp. A. Burke. 2,173,547; Sept. 19.
Shade and roller, Window. W. E. Sarran. 2,173,791; Sept. 19.
Shade, Automatic. E. Van Bosch and R. H. Hoffman. 2,149,481; Mar. 7.
Shade bracket. J. A. Jumonville. 2,156,182; Apr. 25.
Shade capable of transmitting light uniformly, Paper window. C. A. Alt. 2,156,046; Apr. 25.
Shade, Headlight. B. Romanik. 2,153,100; Apr. 4.
Shade holder, Antiflap. E. C. Sample. 2,173,429; Sept. 19.
Shade, Laminated mesh roller. F. E. Lesley. 2,169,103; Aug. 8.
Shade, Lamp. J. O. Howard. 2,163,427; June 20.
Shade, Lamp. W. J. Keller. 2,150,378; Mar. 14.
Shade mounting means, Lamp. P. Chilo. 2,164,901; July 4.
Shade roller fixture. W. F. Smith. 2,172,459; Sept. 12.
Shade, Venetian. G. C. Lawson. 2,152,068; Mar. 28.
Shade, Venetian. C. H. Norton. Re. 20,965; Jan. 3.
Shade, Window. G. F. Brent. 2,160,118; May 30.
Shade, Window. R. Guyer. 2,146,182; Feb. 7.
Shade, Window. S. J. Johnson. 2,155,376; Apr. 18.
Shade, Window. E. J. Martens. 2,143,382; Jan. 10.
Shade, Window. M. E., Moore. 2,142,822; Jan. 3.
Shade, Window. H. Smolowitz. 2,179,763; Nov. 14.
Shades, Making window. S. J. Johnson. 2,157,057; May 2.
Shaft arrangement. W. Scheppmann. 2,180,853; Nov. 21.
Shaft attachment. D. Buccicone. 2,151,831; Mar. 28.
Shaft bearing. T. F. W. Meyer. 2,166,259; July 18.
Shaft bearing. T. H. Nye. 2,171,887; Sept. 5.
Shaft bearing mounting. E. Wooler and R. M. Riblet. 2,155,919; Apr. 25.
Shaft collar. F. H. Dalrymple. 2,163,315; June 20.
Shaft construction. W. H. Fritz. 2,157,662; May 9.
Shaft construction and operation. L. Ranney. 2,179,020; Nov. 7.
Shaft construction, Spline. C. D. Cutting. 2,161,137; June 6.
Shaft coupling. E. L. Barrett. 2,158,100; May 16.
Shaft coupling. A. F. Froussard. 2,173,360; Sept. 19.
Shaft coupling. R. Lee. 2,151,477; Mar. 21.
Shaft extension and coupling therefor. R. E. Smith. 2,183,824; Dec. 19.
Shaft for electrical devices, Interchangeable. M. J. Arvin. 2,143,401; Jan. 10.
Shaft for golf clubs. J. H. Turner. 2,155,517; Apr. 25.
Shaft for rewinding machines. M. R. Mann. 2,171,800; Sept. 5.
Shaft hook, Winding. S. H. Gibson. 2,143,348; Jan. 10.
Shaft indexing device. F. L. Hart. 2,164,455; July 4.
Shaft mounting. C. D. McCall. 2,149,122; Feb. 28.
Shaft or roll, High temperature. P. S. Menough. 2,152,076; Mar. 28.
Shaft-positioning device. A. A. Collins. 2,164,309; July 4.
Shaft speed indicator. R. R. Chappell, R. B. Colt, and R. J. Streb. 2,159,424; May 23.
Shaft, Spline. C. D. Cutting. 2,161,138; June 6.
Shafting coupling, Flexible. L. M. Cotchett. 2,147,282; Feb. 14.
Shafts, Means for sealing. S. F. Dupree, Jr. 2,157,597; May 9.
Shafts of machine tools at different speeds, Driving the. A. H. Lloyd. 2,156,596; May 2.
Shafts, Packing and lubricating rotary. J. L. L. A. A. Moulet. 2,150,393; Mar. 14.
Shafts, Sinking. A. H. Riney and M. O. Johnson. 2,179,077; Nov. 7.
Shake unit. F. M. Sanger. 2,175,765; Oct. 10.
Shaker. H. Singer. 2,178,500; Oct. 31.
Shaker and moisture absorbing materials therefor. J. C. McCorkhill. 2,159,171; May 23.
Shaker, Beverage. V. L. Shaw. 2,146,860; Feb. 14.
Shaker, Cocktail. W. D. Smith. 2,181,612; Nov. 28.
Shaker, Combination salt and pepper. A. F. Jones. 2,144,981; Jan. 24.
Shaker Conveyer. W. W. Sloane. 2,174,097; Sept. 26.
Shaker, Salt. C. A. Mandery. 2,166,725; July 18.
Shaker, Salt. S. S. Tsuruta. 2,179,907; Nov. 14.
Shaker, Walnut tree. J. D. Berger. 2,159,311; May 23.
Shale from a naturally occurring borate, Removing. G. A. Connell and J. P. Rasor. 2,155,784; Apr. 25.
Shale separator. F. L. Coogan and E. O. Houx. 2,177,560; Oct. 24.
Shampoo apparatus. E. A. Clauder. 2,181,653; Nov. 28.
Shampoo apparatus. N. M. Howe. 2,167,572; July 25.
Shampoo composition. F. J. Cahn and M. B. Katzman. 2,166,127; July 18.
Shampoo fixture. J. Labruzzo. 2,163,755; June 27.
Shank piece and making the same. R. Laird. 2,151,977; Mar. 28.
Shank stiffener. J. P. Quirk. 2,159,602; May 23.
Shank stiffener. J. P. Quirk. 2,176,684; Oct. 17.
Shank stiffener unit. W. H. Nutt. 2,182,033; Dec. 5.
Shape-retaining device for hats. R. L. Knibloe. 2,178,860; Nov. 7.
Shaped bodies for electric purposes, particularly leading-in wires and bars for electric current. P. Schwarzkopf. 2,172,548; Sept. 12.
Shaper attachment for a lathe. C. L. Mayers. 2,183,461; Dec. 12.
Shaper or grinder. H. J. McDevitt. 2,162,630; June 13.
Shaping machine. E. Krenzler. 2,149,919; Mar. 7.
Shaping machine. W. P. Osgood. 2,176,186; Oct. 16.
Shaping machine for sole-shaped shoe parts. W. P. Osgood. 2,179,132; Nov. 7.
Shaping, stamping, and the like press. T. P. Eustege. 2,172,701; Sept. 12.
Shaping tool. J. E. Gabel. 2,162,165; June 13.
Sharpener, Adjustable lawn mower. J. L. Davis. 2,159,552; May 23.
Sharpener, Adjustable razor. G. Suhayda. 2,151,450; Mar. 21.
Sharpener, Blade. H. A. Faber. 2,142,779; Jan. 3.
Sharpener, Blade. G. Hammond. 2,154,744; Apr. 18.
Sharpener, Drill. G. W. Finke. 2,177,644; Oct. 31.
Sharpener, Electric pencil. K. R. Blake. 2,184,176; Dec. 19.
Sharpener for cloth cutting machines. M. Greenbaum. 2,149,731; Mar. 7.
Sharpener, Instrument. J. A. Lentz. 2,165,929; July 11.
Sharpener, Pencil. A. L. Fenton. 2,152,545; Mar. 28.
Sharpener, Pencil. A. R. Frederick. 2,146,890; Feb. 14.
Sharpener, Pencil. H. W. Jenkins. 2,152,412; Mar. 28.
Sharpener, Pencil. E. V. Powell. 2,143,797; Jan. 10.
Sharpener, Pencil. J. G. Schuler. 2,181,285; Nov. 28.
Sharpener, Pencil. E. L. Theobald. 2,179,140; Nov. 7.
Sharpener, Pencil. W. F. Wells. 2,169,908; Aug. 15.
Sharpener, Razor blade. A. F. Bell. 2,177,922; Oct. 31.
Sharpener, Rotary knife. S. Battocchi. 2,161,992; June 13.
Sharpener, Scythe. C. E. Delaney. 2,162,004; June 13.
Sharpener, Skate. Z. M. Smolarek. 2,181,923; Dec. 5.
Sharpener, Tool. C. P. Nieder and M. J. Orr. 2,178,937; Nov. 7.
Sharpener with replaceable blade, Tailor's chalk. V. Rago. 2,151,869; Mar. 28.
Sharpening device. S. T. Freeth. 2,180,230; Nov. 14.
Sharpening device. A. P. Komow. 2,147,846; Feb. 21.
Sharpening device. L. E. Shaw. 2,147,464; Feb. 14.
Shaver and shearing blade therefor, Electric. J. Bruecker. 2,182,066; Dec. 5.
Shaver, Dry. H. H. Hoy. 2,168,823; Aug. 8.
Shaver, Dry. B. R. Nyhagen. 2,143,896; Jan. 17.
Shaver, Electric dry. G. G. Going. 2,160,965; June 6.
Shaver, Electric vacuum. H. H. Blackwell. 2,183,442; Dec. 12.
Shaver, Multiple head dry. J. H. Rand, Jr. 2,164,425; July 4.
Shaver part, Making dry. G. Dalkowitz. 2,144,525; Jan. 17.
Shaving cream, Brushless. W. Kritchevsky. 2,167,180; July 25.
Shaving device. M. Andis and M. G. Andis, Jr. 2,152,677; Apr. 4.
Shaving device. H. E. Avonde and S. J. Albin. 2,177,973; Oct. 31.
Shaving device. J. Samotey. 2,184,757; Dec. 26.
Shaving device. L. D. Strong. 2,185,042; Dec. 26.
Shaving device. E. J. Te Pas. 2,178,976; Nov. 7.
Shaving device. S. Trachtenberg. 2,145,326; Jan. 31.
Shaving device, Dry. T. J. Murphy. 2,146,643; Feb. 7.
Shaving device, Electric. L. V. Aronson. 2,166,035; July 11.
Shaving implement. J. Muros. 2,149,403; Mar. 7.
Shaving implement. J. Muros. 2,152,815; Apr. 4.
Shaving implement. J. Muros. 2,166,605; July 18.
Shaving implement. J. Muros. 2,174,039; Sept. 26.
Shaving implement. J. Muros. 2,177,440; Oct. 24.
Shaving implement. J. L. Whalen. 2,146,783; Feb. 14.
Shaving implement, Dry. T. L. Smith. 2,177,791; Oct. 31.
Shaving implement, Multiple. J. H. Rand, Jr. 2,142,084; Jan. 3.
Shaving instrument and blade therefor. G. Greenstein. 2,165,046; July 4.

Shaving machine. T. S. Casner. 2,145,247; Jan. 31.
Shaving preparation, Solid, sticklike. V. Dzialoschinsky and G. Deutschland. 2,143,060; Jan. 10.
Shear blade. E. Schermerhorn. 2,145,405; Jan. 31.
Shear control system. W. G. Cook. 2,175,828; Oct. 10.
Shear, Flying. A. Borzym. 2,155,396; Apr. 25.
Shear, Helical. N. S. Campbell. 2,172,359; Sept. 12.
Shear pole head. W. H. Ealy. 2,142,309; Jan. 3.
Shearing device. R. D. Clemson. 2,183,544; Dec. 19.
Shearing head. D. T. O'Connor. 2,171,888; Sept. 5.
Shearing head construction. H. L. Collins. 2,146,712; Feb. 14.
Shearing machine. E. S. Bartlett. 2,150,352; Mar. 14.
Shearing mechanism. M. Morgan and J. W. Sheperdson. 2,157,000; May 2.
Shears. V. H. Dolph. 2,158,277; May 16.
Shears. R. B. Wakeley. 2,142,738; Jan. 3.
Shears, Adjustable. S. G. Stuckey. 2,158,708; May 16.
Shears and scissors. F. D. Blodgett. 2,171,468; Aug. 29.
Shears, Downspout cutting. G. F. Grant. 2,163,088; June 20.
Shears for cutting plaster bandages. E. A. J. Ericsson. 2,172,022; Sept. 5.
Shears, Hedge. S. M. Irvine. 2,181,056; Nov. 21.
Shears, Metal. S. Y. Taylor. 2,176,158; Oct. 17.
Shears, Sewing-machine. D. Cochran. 2,149,239; Feb. 28.
Sheath current meter. S. W. Borden. 2,176,757; Oct. 17.
Sheath, Impregnated woven. H. E. Thompson. 2,146,275; Feb. 7.
Sheath, Lead-bismuth-lithium cable. H. Osborg. 2,175,279; Oct. 10.
Sheath or corset and the manufacture of the same, Knitted. E. Boudios. 2,173,775; Sept. 19.
Sheave device for derricks. J. W. Wunsch. 2,168,463; Aug. 8.
Sheave, Split-hook. H. A. Coy. 2,176,392; Oct. 17.
Shed-forming device. A. Johnson. 2,156,092; Apr. 25.
Sheet, Abrasive coated. N. E. Oglesby. 2,173,796; Sept. 19.
Sheet aligning and locating means for writing machines. J. Q. Sherman and A. W. Metzner. 2,156,315; May 2.
Sheet and deflecting device for duplicators. F. W. Storck and C. V. Franson. 2,172,113; Sept. 5.
Sheet and production thereof, Vitreous enameled. A. L. Matthes. 2,182,132; Dec. 5.
Sheet catcher and piler. G. Megela. 2,145,606; Jan. 31.
Sheet catching and stacking mechanism. H. W. Theiss. 2,183,798; Dec. 19.
Sheet, Composite. L. R. Shroeder. 2,148,176; Feb. 21.
Sheet delivery for printing presses. H. M. Barber and H. J. Luehrs. 2,183,212; Dec. 12.
Sheet delivery mechanism. C. F. Root. 2,177,787; Oct. 31.
Sheet delivery mechanism for printing presses or the like. F. W. Seybold. 2,152,288; Mar. 28.
Sheet detector. J. R. Wood and C. W. Harrold. 2,178,713; Nov. 7.
Sheet, Drip. C. Stockstrom. 2,171,813; Sept. 5.
Sheet edging machine. P. J. Kirkman. 2,175,296; Oct. 10.
Sheet ends for welding, Process and apparatus for securing accurately butted. J. E. Fay and E. Reed. 2,172,081; Sept. 5.
Sheet feed mechanism for printing presses. W. G. Hackbarth. 2,143,514; Jan. 10.
Sheet feeder. L. Baker. 2,149,130; Feb. 28.
Sheet feeder. L. Baker, G. A. Martin, and L. C. Williams. 2,156,648; May 2.
Sheet feeder. F. R. Belluche. 2,154,485; Apr. 18.
Sheet feeder. P. Cernak. 2,160,491; May 30.
Sheet feeder. H. Ehrig and U. Keilhauer. 2,146,945; Feb. 14.
Sheet feeder. G. Goebel and S. A. Chantland. 2,184,296; Dec. 26.
Sheet feeder for printing presses. W. K. Eckhard. 2,147,286; Feb. 14.
Sheet feeding and forwarding mechanism. C. F. Pflanze. 2,151,228; Mar. 21.
Sheet feeding and overlapping mechanism. F. Renz. 2,177,460; Oct. 24.
Sheet feeding and registering device. R. Reinartz. 2,160,906; June 6.
Sheet feeding apparatus. L. Baker. 2,183,128; Dec. 12.
Sheet feeding apparatus. P. Cernak. 2,168,559; Aug. 8.
Sheet feeding apparatus. Y. A. F. Danielsson. 2,157,849; May 9.
Sheet-feeding apparatus. E. W. Goodwin. 2,170,894; Aug. 29.
Sheet feeding apparatus. H. Gümbel. 2,159,147; May 23.
Sheet feeding apparatus. E. R. Kast. 2,183,077; Dec. 12.
Sheet feeding apparatus. F. W. Storck. 2,166,272; July 18.
Sheet feeding device. G. Spiess. 2,170,489; Aug. 22.
Sheet feeding device, Automatic. G. Spiess. 2,159,456; May 23.
Sheet feeding machine. H. T. Backhouse. 2,156,139; Apr. 25.
Sheet-feeding machine. H. T. Backhouse. 2,165,172; July 4.
Sheet feeding machine. H. T. Backhouse. 2,167,823; Aug. 1.
Sheet feeding machine. F. R. Belluche. Re. 21,055; Apr. 25.
Sheet feeding machine. E. W. and F. R. Belluche. 2,145,916; Feb. 7.
Sheet feeding machine. A. Hormel. 2,162,889; June 20.
Sheet-feeding mechanism. G. A. Babicz. 2,161,124; June 6.
Sheet feeding mechanism. F. R. Belluche. 2,143,049; Jan. 10.
Sheet folding mechanism. H. P. Clauberg. 2,160,198; May 30.
Sheet feeding mechanism. J. T. Hale. 2,176,176; Oct. 17.
Sheet feeding mechanism. W. F. Huck. 2,182,435; Dec. 5.
Sheet feeding mechanism. A. Novick. 2,170,423; Aug. 22.
Sheet feeding mechanism. A. Novick. 2,182,595; Dec. 5.
Sheet feeding mechanism. R. Reinartz. 2,160,905; June 6.
Sheet-feeding mechanism for platen printing presses. F. S. Thompson. 2,144,037; Jan. 17.
Sheet feeding mechanism for printing machines. W. F. Huck. 2,144,881; Jan. 24.
Sheet feeding mechanism for relief stamping machines, Automatic. R. D. Gifford. 2,147,529; Feb. 14.
Sheet folding machine. W. E. Rosebush. 2,143,714; Jan. 10.
Sheet for maps, timetables, and the like, Folded. C. Bonnaire. 2,179,172; Nov. 7.
Sheet for statistical purposes, Record. H. H. Higginbottom, and H. J. and J. C. Peterson. 2,171,556; Sept. 5.
Sheet-handling apparatus. L. Hopkins. 2,162,580; June 13.
Sheet handling apparatus. L. Jones. 2,147,099; Feb. 14.
Sheet-handling machinery. W. M. Kelly. 2,163,492; June 20.
Sheet holding device. W. L. Wolford. 2,145,002; Jan. 24.
Sheet lifter. C. D. Trussell. 2,179,986; Nov. 14.
Sheet material. T. Robinson. 2,142,334; Jan. 3.
Sheet material and articles made therefrom, Laminated. E. E. Lakso. 2,177,894; Oct. 31.
Sheet material and articles made therefrom, Laminated fiber rubber. A. F. Owen. 2,161,083; June 6.
Sheet material, Apparatus for working. B. Franghia. 2,150,890; Mar. 14.
Sheet material, Binding. E. A. Trussell. 2,185,004; Dec. 26.
Sheet material, Composite. F. G. Okie. 2,169,277; Aug. 15.
Sheet material, Extruding. A. C. Fischer. 2,168,288; Aug. 1.
Sheet material joint. E. L. Barrett. 2,164,634; July 4.
Sheet material, Machine for operating upon. J. Gouldbourn. 2,169,319; Aug. 15.
Sheet material, Method of and apparatus for flattening. B. C. McFadden. 2,180,879; Nov. 21.
Sheet material, Method of and apparatus for forming. A. E. Collins. 2,179,842; Nov. 14.
Sheet material, Method of and apparatus for grading magnetic. J. J. Bowden. 2,176,784; Oct. 17.
Sheet material, Operating on. C. M. Yoder. 2,179,461; Nov. 7.
Sheet material, Ornamental. A. Wertheim. 2,168,252; Aug. 1.
Sheet material, Removably mounting. H. T. Johnson. 2,147,817; Feb. 21.
Sheet, Mattress covering bed. L. S. Shauer. 2,162,755; June 20.
Sheet metal container. J. F. Fenn and J. Henchert. 2,184,039; Dec. 19.
Sheet metal joint. H. R. Ansel. 2,178,415; Oct. 31.
Sheet metal receptacle. G. A. Walker. 2,175,071; Oct. 3.
Sheet metal snap hook. A. A. Rolan. 2,166,666; July 18.
Sheet metal structure, Corrugated. C. de Ganahl. 2,177,478; Oct. 24.
Sheet-moistening device. F. W. Storck. 2,163,529; June 20.
Sheet, Moistureproof coated. R. B. Flint and J. A. Mitchell. 2,177,645; Oct. 31.
Sheet moving mechanism for sheet feeders. G. Goebel and S. A. Chantland. 2,145,764; Jan. 31.
Sheet or signature feeding and gathering. P. E. Kleineberg, P. Schweizer, and A. W. Wilks. 2,163,732; June 27.
Sheet piling. J. R. Freeze. 2,170,796; Aug. 29.
Sheet polishing machine. S. Blickman. 2,155,637; Apr. 25.
Sheet, Reduplicative. S. A. Neidich. 2,163,958; June 27.
Sheet, Reinforced corrugated. H. W. Romanoff. 2,160,677; May 30.
Sheet reversing mechanism. A. E. Schubert. 2,143,800; Jan. 10.
Sheet securing means. J. Komorous. 2,149,918; Mar. 7.
Sheet separator. F. R. Belluche. 2,151,073; Mar. 21.
Sheet separator and feeder. J. G. Dixon. 2,163,274; June 20.
Sheet stripping and separating device. M. H. Stolar and G. E. Chesler. 2,171,769; Sept. 5.
Sheet transfer mechanism, Rotary. E. F. Dudley. 2,144,752; Jan. 24.
Sheet transferring device. G. W. von Hofe. 2,163,441; June 20.

Sheet treating apparatus. A. Langsner. 2,142,318; Jan. 3.
Sheet treating machine, Metal. B. P. Finkbone, G. R. Hoover, and H. F. Miller. 2,175,599; Oct. 10.
Sheeting, Adhesive. R. G. Drew. 2,156,380; May 2.
Sheeting, Method and apparatus for improving thermoplastic. J. S. Kimble. 2,177,661; Oct. 31.
Sheeting, Method and apparatus for making improved thermoplastic. J. S. Kimble, E. C. Blackard, and J. S. McLellan. 2,177,660; Oct. 31.
Sheeting, Method and apparatus for making thermoplastic. E. C. Blackard. 2,177,633; Oct. 31.
Sheeting of plastic substances such as sugar confectionery. H. Thürlings. 2,157,192; May 9.
Sheeting, Thermoplastic. J. S. Kimble and J. S. McLellan. 2,177,659; Oct. 31.
Sheets, Apparatus for transferring. W. W. Leach. 2,183,293; Dec. 12.
Sheets, Coating flexible. W. D. Bowlby. 2,146,619; Feb. 7.
Sheets, Feeding and regulating. C. W. Harrold. 2,182,023; Dec. 5.
Sheets, Feeding of. R. F. G. Holness. 2,178,304; Oct. 31.
Sheets, Joining. T. E. Piazze. 2,157,732; May 9.
Sheets, Manufacture of perforate rubber. M. E. Hansen. 2,165,099; July 4.
Sheets, Manufacture of plastic. F. W. Jackman. 2,184,672; Dec. 26.
Sheets, Manufacture of surfaced felted. O. W. Frost. 2,154,201; Apr. 11.
Sheets, Manufacture of transparent flexible. E. Saraga. 2,152,925; Apr. 4.
Sheets, pipes, or tubes and the like, Butt welding metal. A. A. Lane. 2,146,901; Feb. 14.
Sheets, Shaping thermoplastic. E. L. Helwig. 2,142,445; Jan. 3.
Sheets, tallies, cards, or the like, Sorting and classifying of flat. M. A. Johnston. 2,169,050; Aug. 8.
Sheets, thin bars, and the like, Treatment of. R. R. Smith, H. E. Miller, and R. H. Gelder. 2,175,620; Oct. 10.
Sheets to flat sheets, Method and apparatus for welding corrugated. C. de Ganahl and T. B. Lavelle. 2,163,590; June 27.
Sheets to printing and other sheet working machines, Method and device of feeding. G. Spiess. 2,170,488; Aug. 22.
Sheets to printing presses, etc., Feeding. B. F. Upham. 2,162,450; June 13.
Shelf. A. E. Detwiler. 2,170,013; Aug. 22.
Shelf. H. C. Foster. 2,146,950; Feb. 14.
Shelf and bracket, Drop. J. R. Jones. 2,170,799; Aug. 29.
Shelf and like structure, Adjustable display. H. C. Van Pelt. 2,145,958; Feb. 7.
Shelf and receptacle. H. C. Porter. 2,155,772; Apr. 25.
Shelf arrangement. L. F. Whitney. 2,168,544; Aug. 8.
Shelf construction, Slide. F. L. W. Link. 2,182,026; Dec. 5.
Shelf, Corner. F. F. Spetz and E. Schroedter. 2,182,600; Dec. 5.
Shelf edging, Pleated. E. Karfoil. 2,167,759; Aug. 1.
Shelf, especially for refrigerators. R. L. Hallock. 2,173,108; Sept. 19.
Shelf, Flush tank utility. A. H. Goepel. 2,170,776; Aug. 22.
Shelf for automobiles, Utility. E. W. Betts. 2,161,275; June 6.
Shelf for refrigerators. A. C. Shuart. 2,169,295; Aug. 15.
Shelf rocker. J. Pedersen. 2,181,520; Nov. 28.
Shelf, Refrigerator. N. L. Barnhardt. 2,146,199; Feb. 7.
Shelf, Refrigerator. W. I. Hamby. 2,149,603; Mar. 7.
Shelf, Refrigerator. C. H. Nauert. 2,159,601; May 23.
Shelf support, Adjustable. E. Swedman and C. E. Norelius. 2,172,881; Sept. 12.
Shelf system for delivery vehicles. F. B. Howel. 2,158,503; May 16.
Shelving. M. Hokanson. 2,143,268; Jan. 10.
Shelving. W. C. Uhri, Jr. 2,177,678; Oct. 31.
Shelving, Adjustable display. N. H. Cederquist. 2,169,721; Aug. 15.
Shell. C. J. Manville. 2,172,800; Sept. 12.
Shell and making the same, Explosive. A. Lefere. 2,183,502; Dec. 12.
Shell assembling machine. A. Schmidt. 2,155,958; Apr. 25.
Shell filling and closing machine. F. L. Drew. 2,150,913; Mar. 21.
Shell, Pressure extraction vessel. J. D. Christain. 2,170,547; Aug. 22.
Sheller, Pea and bean. J. M. Hawkins. 2,183,769; Dec. 19.
Shelter, Bird. L. G. Copeman. 2,151,010; Mar. 21.
Shelter, Play. H. R. Goodale. 2,153,081; Apr. 4.
Shelter, Portable. L. M. Thompson. 2,146,517; Feb. 7.
Shield, Automobile draft. J. F. Anderson. 2,182,107; Dec. 5.
Shield, Automobile glare. R. C. Jacobs. 2,160,504; May 30.
Shield, Automobile glare. R. C. Jacobs. 2,163,340; June 20.
Shield clamping mechanism, Fender. G. W. Schatzman. 2,178,363; Oct. 31.
Shield, Cultivator. H. L. Huey. 2,146,338; Feb. 7.
Shield, Dress. L. Eisenberg. 2,165,359; July 11.
Shield, Dress. A. N. Spánel. 2,147,505; Feb. 14.
Shield, Face. F. D. Leader. 2,152,383; Mar. 28.
Shield for automobiles, Glare. R. C. Jacobs. 2,160,505; May 30.
Shield for coat hangers. R. F. Adkins. 2,147,590; Feb. 14.
Shield for cooking utensils, Protecting. T. Andreolo. 2,148,181; Feb. 21.
Shield for disk harrows. F. B. Beutke. 2,146,931; Feb. 14.
Shield for electrical outlets. A. C. Heise and M. W. Jacobi. 2,157,957; May 9.
Shield for electrical spring contacts. C. H. Wheeler. 2,152,780; Apr. 4.
Shield for filling openings of automobile gasoline tanks, Rain. L. Karell. 2,170,415; Aug. 22.
Shield for furniture, Protective. O. A. Smith. 2,174,046; Sept. 26.
Shield for garment hangers. J. D. Coney. 2,151,013; Mar. 21.
Shield for goggles and sunglasses, Antiglare. J. Shyer. 2,169,075; Aug. 8.
Shield for headlights, Glare. F. Schuch. 2,151,620; Mar. 21.
Shield for lamps, Decorative. H. Sadacca. 2,153,395; Apr. 4.
Shield for nursing nipples. H. R. Sauder. 2,167,284; July 25.
Shield for ovens, Heat. W. C. Bruckman. 2,175,872; Oct. 10.
Shield for poultry, Pick-out. J. A. Gawiler. 2,147,291; Feb. 14.
Shield for registers. H. A. Bedol. 2,161,001; June 6.
Shield for spark plug cables, Heat. F. G. Gardner. 2,169,689; Aug. 15.
Shield for spark plugs. R. H. Stone and M. F. Peters. 2,177,268; Oct. 24.
Shield for windows, Storm. C. A. Grimes. 2,153,798; Apr. 11.
Shield, Glare. C. W. McKinley. 2,153,095; Apr. 4.
Shield, Glare. P. L. Thacher. 2,143,134; Jan. 10.
Shield, Light. E. F. Guth. 2,143,148; Jan. 10.
Shield, Light directing. E. F. Guth. 2,143,149; Jan. 10.
Shield, Lip. A. S. Farmer. 2,142,638; Jan. 3.
Shield, Neck. N. B. McInnis. 2,184,240; Dec. 19.
Shield or helmet, Welding. F. M. Bowers. 2,152,865; Apr. 4.
Shield, Pedal-car. P. A. Hurtado. 2,160,546; May 30.
Shield, Radiator. C. G. Blight. 2,150,816; Mar. 14.
Shield regulator, Cultivator. W. Adams. 2,175,512; Oct. 10.
Shield, Safety. C. R. Jeffreys. 2,165,142; July 4.
Shield, Spark plug. E. N. Jacobi. 2,151,112; Mar. 21.
Shield, Spark plug. R. L. Meredith. 2,149,027; Feb. 28.
Shield, Spark plug. H. Rabezzana. 2,162,118; June 13.
Shield, Spray. J. Uytenbogaart and A. Hartmann. 2,182,768; Dec. 5.
Shield, Sprocket. D. B. Baker, C. R. Rogers, and W. O. Bechman. 2,146,882; Feb. 14.
Shield, Termite. J. D. Tennison. 2,150,891; Mar. 14.
Shield, Termite. A. A. and J. D. Tennison. 2,176,598; Oct. 17.
Shield, Toe. D. H. Bucks. 2,154,662; Apr. 18.
Shield, Tube. M. Alden. 2,182,607; Dec. 5.
Shield, Undergarment. W. L. Paul and P. C. Patrick. 2,144,728; Jan. 24.
Shield, Weld splash. N. H. Green. 2,184,939; Dec. 26.
Shield, Welding. L. G. Tatter. 2,171,052; Aug. 29.
Shield, Welding hood. W. O. Rienacker and A. L. Perrigo. 2,154,774; Apr. 18.
Shielded telephone plug. C. W. Doremus. 2,170,131; Aug. 22.
Shielding and current conducting assembly. A. Adkinson. 2,181,860; Dec. 5.
Shielding arrangement for high frequency transmission systems. P. F. Byrne. 2,159,627; May 23.
Shielding for electrical circuits. W. E. Mougey. 2,152,706; Apr. 4.
Shielding means for rear view mirrors. J. Vlasak. 2,165,771; July 11.
Shielding structure against insects. D. M. Muirhead. 2,165,500; July 11.
Shields, Pile. J. Upton. 2,181,526; Nov. 28.
Shift device for calculating machines. A. F. Pott. 2,143,741; Jan. 10.
Shifting device for automobiles. C. A. Dreisbach. 2,165,461; July 11.
Shifting mechanism for change-speed transmission gearing. C. D. Peterson. 2,181,627; Nov. 28.
Shifting mechanism for time recorders. E. G. Watkins and J. A. Dell. 2,165,117; July 4.
Shifting mechanism, Gear. A. Vanderveld. 2,169,034; Aug. 8.
Shifting mechanism, Solenoid operating. C. D. Peterson. 2,158,480; May 16.
Shim for car trucks. J. J. Byers. 2,150,360; Mar. 14.
Shim plate. E. G. Nylander. 2,157,005; May 2.
Shim, Rail joint. A. F. Fifield. 2,161,149; June 6.
Shim, Rail joint. F. S. Wonham. 2,183,272; Dec. 12.
Shingle. L. R. Clapp. 2,142,177; Jan. 3.
Shingle. K. S. Guiterman. 2,171,746; Sept. 5.
Shingle. O. C. Hall. 2,184,385; Dec. 26.

Shingle. J. A. Karan. 2,168,955; Aug. 8.
Shingle. L. Kirschbraun. 2,164,712; July 4.
Shingle. L. Kirschbraun. 2,168,217; Aug. 1.
Shingle. J. B. Stevens. 2,151,537; Mar. 21.
Shingle. E. E. Venrick. 2,161,440; June 6.
Shingle. W. C. Weber. 2,167,192; July 25.
Shingle. L. Wittenberg. 2,178,273; Oct. 31.
Shingle and making the same, Asbestos cement. C. Schuh. 2,156,310; May 2.
Shingle and roofing. H. F. Wildman. 2,184,328; Dec. 26.
Shingle, Composition roofing. F. L. Worsham. 2,173,431; Sept. 19.
Shingle element. C. R. MacDonald. 2,150,004; Mar. 7.
Shingle, Flexible interlocking. S. P. Miller. 2,158,140; May 16.
Shingle making machine. A. G. Leonard, Jr. 2,184,619; Dec. 26.
Shingle making or wood shake cutting machine. E. H. Jenkins. 2,183,479; Dec. 12.
Shingle, Mastic. L. Kirschbraun. 2,168,218; Aug. 1.
Shingle, Metallic roofing. E. Bussey. 2,142,996; Jan. 10.
Shingle mill. J. J. Faber. 2,145,568; Jan. 31.
Shingle, Roofing. A. W. Fuller. 2,179,738; Nov. 14.
Shingle, Roofing. R. L. Spain. 2,184,655; Dec. 26.
Shingle staining machine. F. G. Maess. 2,151,608; Mar. 21.
Shingle, Strip. N. L. Birch and R. A. Childers. 2,173,774; Sept. 19.
Shingle, Thick butt. C. R. Eckert. 2,171,143; Aug. 29.
Shingle, Vitreous. W. O. Lytle. 2,159,665; May 23.
Shingles, Forming thick butt. R. W. B. Reade. 2,160,787; May 30.
Shingles, Making. C. R. Eckert. 2,158,357; May 16.
Shingles, Making. J. W. Ledeboer. 2,183,965; Dec. 19.
Shingles, Making asbestos-cement. W. R. Wright, Jr. 2,171,155; Aug. 29.
Shingles, Mechanism for making composition. A. O. Mickelson and L. C. Schillo. 2,149,029; Feb. 28.
Shingling gauge holder. J. H. Giebink. 2,157,663; May 9.
Ship. A. P. Schat. 2,167,315; July 25.
Ship and installing internal bulkheads in ships, Reconditioned. C. T. Samuelson. 2,176,926; Oct. 24.
Ship construction. M. B. McLauthlin. 2,181,279; Nov 28.
Ship construction. F. C. Paine. 2,167,552; July 25.
Ship control system. L. E. Norquist. 2,145,493; Jan. 31.
Ship hull and constructing it. G. C. Parsons. 2,162,822; June 20.
Ship hull construction. L. R. Bester. 2,158,214; May 16.
Ship, Miniature. B. C. Haskin. 2,164,651; July 4.
Ship propulsion. W. Schaelchlin. 2,182,644; Dec. 5.
Ship propulsion system. C. T. Buff. 2,184,764; Dec. 26.
Shipping and dispensing package. C. P. Winter and D. A. Rosenthal. 2,143,614; Jan. 10.
Shipping and display container. J. A. Clemens. 2,161,018; June 6.
Shipping and filing box. C. L. Whiteford. 2,176,284; Oct. 17.
Shipping box. A. Arutunoff. 2,161,402; June 6.
Shipping box. S. A. Frakes. 2,180,229; Nov. 14.
Shipping case, Sealed. W. A. Becker. 2,149,720; Mar. 7
Shipping container. W. F. Luce and C. C. Kennedy. 2,171,309; Aug. 29.
Shipping container. O. O. Nickerson. 2,182,748; Dec. 5.
Shipping container. O. O. Nickerson. 2,184,258; Dec. 19.
Shipping container. C. R. Weiller. 2,178,213; Oct. 31.
Shipping container, Collapsible. N. Grossman. 2,162,169; June 13.
Shipping container, Light plywood. N. Tufts. 2,145,615; Jan. 31.
Shipping, dispensing, and display device, Combined. H Warp. 2,181,555; Nov. 28.
Shipping-display container. E. I. Fleming. 2,177,034; Oct. 24.
Shirred materials, Apparatus for producing. C. Seaman. 2,147,462; Feb. 14.
Shirt. J. David. 2,166,342; July 18.
Shirt. M. W. Grigsby. 2,155,706; Apr. 25.
Shirt. R. O. Kennedy and R. A. Ziegler. 2,162,606; June 27.
Shirt. S. Kool. 2,154,684; Apr. 18.
Shirt and band holder therefor to eliminate pins, Folded. L. Rechtschaffen. 2,166,642; July 18.
Shirt blocking device. C. M. Cleophas. 2,170,126; Aug. 22.
Shirt board. S. G. Allan. 2,184,374; Dec. 26.
Shirt board. O. B. Shepherd. 2,164,088; June 27.
Shirt collar support. G. W. Brownfield. 2,147,519; Feb. 14.
Shirt hold-down device. R. A. Ziegler and F. Ferguson. 2,163,654; June 27.
Shirt jacket. L. Blumenstock. 2,146,052; Feb. 7.
Shirt wrapping. S. Lighter. 2,175,666; Oct. 10.
Shirts, Device for packaging men's collar attached. W. C. Krout. 2,182,050; Dec. 5.
Shock absorber. E. L. Beecher. 2,152,859; Apr. 4.
Shock absorber. J. Chudner. 2,167,474; July 25.
Shock absorber. E. W. Cleveland. 2,163,459; June 20.
Shock absorber. A. C. Davidson. 2,158,535; May 16.
Shock absorber. A. E. Dentler. 2,182,917; Dec. 12.
Shock absorber. A. Gacioppo. 2,185,127; Dec. 26.
Shock absorber. J. J. Grebe. 2,161,811; June 13.
Shock absorber. H. Johansen. 2,152,740; Apr. 4.
Shock absorber. C. H. Kindl. Re. 21,067; May 2.
Shock absorber. P. Kollsman. 2,166,956; July 25.
Shock absorber. E. J. Laugaudin. 2,159,855; May 23.
Shock absorber. D. D. Myers. 2,168,679; Aug. 8.
Shock absorber. W. C. Peck. 2,148,497; Feb. 28.
Shock absorber. E. F. Rossman. 2,145,736; Jan. 31.
Shock absorber. E. F. Rossman and F. D. Funston. 2,148,839; Feb. 28.
Shock absorber. J. Tjaarda. 2,145,671; Jan. 31.
Shock absorber. P-F. G. B. von Oberstadt, now by change of name P. B. Oberstadt. 2,155,978; Apr. 25.
Shock absorber. P.-F. G. B. von Oberstadt. 2,182,034; Dec. 5.
Shock absorber. S. K. Wellman. 2,149,374; Mar. 7.
Shock absorber. L. E. Willard. 2,149,129; Feb. 28.
Shock absorber and the like damping means, Hydraulic. F. G. G. Armstrong. 2,182,271–2; Dec. 5.
Shock absorber, Combined spring and friction. G. A. Johnson. 2,143,154; Jan. 10.
Shock absorber control for railway cars, Hydraulic. C. E. Perkins. 2,168,578; Aug. 8.
Shock absorber control means. P. F. Rossmann. 2,156,546; May 2.
Shock absorber for automobiles. J. E. and E. Kellner. 2,182,085; Dec. 5.
Shock absorber for bicycles and similar type vehicles. A. B. Casper. 2,162,476; June 13.
Shock absorber for drilling machines. E. M. Grandfield. 2,147,436; Feb. 14.
Shock absorber for safety belts and the like. W. E. and C. W. Rose. 2,175,571; Oct. 10.
Shock absorber for motor vehicles, Direct-acting hydraulic. C. K. Elliott. 2,171,827; Sept. 5.
Shock absorber for vehicles. A. Beurdeley. 2,178,332; Oct. 31.
Shock absorber for vehicles, Hydraulic. R. Binder and H. Klein. 2,183,129; Dec. 12.
Shock absorber for walking beams. C. P. Hall and C. R. Tucker. 2,164,709; July 4.
Shock absorber, Hydraulic. F. P. Becker. 2,183,003; Dec. 12.
Shock absorber, Hydraulic. R. Binder and H. Klein. 2,149,040; Feb. 28.
Shock absorber, Hydraulic. A. B. Casper. 2,182,581; Dec. 5.
Shock absorber, Hydraulic. N. S. Focht. 2,144,583; Jan. 17.
Shock absorber, Hydraulic. H. C. Krauss. 2,184,190; Dec. 19.
Shock absorber, Hydraulic. R. F. Peo. 2,173,372; Sept. 19.
Shock absorber leg for aircraft undercarriages, Telescopic. G. H. Dowty. 2,150,495; Mar. 14.
Shock absorber of the piston and cylinder type, Hydraulic. R. Binder and H. Klein. 2,163,255; June 20.
Shock absorber or the like damping means, Hydraulic. F. G. G. Armstrong. 2,162,292; June 13.
Shock absorber packing and sealing structure. L. E. Willard. 2,158,645; May 16.
Shock absorber provided with a stress limiting device. R. L. Levy. 2,155,605; Apr. 25.
Shock absorber, Slide-controlled hydraulic. R. Binder and H. Klein. 2,173,574; Sept. 19.
Shock absorber with regulating device, Hydraulic. R. Binder and H. Klein. 2,163,254; June 20.
Shock absorbing device. R. L. Kerr. 2,170,057; Aug. 22.
Shock absorbing device. G. J. Kessenich. 2,156,294; May 2.
Shock absorbing device. G. J. Kessenich. 2,161,820; June 13.
Shock absorbing device. G. J. Kessenich. 2,165,273–4; July 11.
Shock absorbing device. N. S. Stern. 2,154,586; Apr. 18.
Shock absorbing mechanism. W. A. Heitner. 2,165,375; July 11.
Shock absorbing mechanism. G. A. Johnson and E. H. Lehman. 2,165,383; July 11.
Shock absorbing mechanism and process of fitting parts, Friction. E. H. Lehman. 2,171,659; Sept. 5.
Shock absorbing mechanism, Friction. G. A. Johnson. 2,146,956; Feb. 14.
Shock absorbing mechanism, Friction. G. A. Johnson and S. B. Haseltine. 2,142,247; Jan. 3.
Shock absorbing mechanism, Friction. E. H. Lehman. 2,148,565; Feb. 28.
Shock absorbing washer. K. D. Williams. 2,153,605; Apr. 11.
Shock absorbing wheel, Torque-brake. W. A. Brown. 2,176,056; Oct. 17.
Shock insulator, Electric lighting socket. R. Cooke. 2,161,774; June 6.
Shockproof container car, Safety. W. P. Kellett. 2,178,690; Nov. 7.
Shockproof device. J. W. May. 2,162,511; June 13.
Shockproof dial indicator. A. H. Emery. 2,178,745; Nov. 7.
Shock-resisting receptacle. R. A. Blood. 2,174,773; Oct. 3.
Shock responsive device, Vehicle. C. Müller. 2,142,369; Jan. 3.
Shocker, Grain. A. P. Lofstrand. 2,160,335; May 30.
Shoe. B. Allen, Jr. 2,168,948; Aug. 8.

Shoe. E. W. Allen. 2,147,416; Feb. 14.
Shoe. E. W. Allen. 2,166,204; July 18.
Shoe. A. J. Brauer and F. P. Wagner. 2,143,539; Jan. 10.
Shoe. J. E. Disch. 2,157,818; May 9.
Shoe. J. H. Everston. 2,178,629; Nov. 7.
Shoe. P. G. Flint. 2,142,839; Jan. 3.
Shoe. M. B. Flynn and J. L. Cobb. 2,182,843; Dec. 12.
Shoe. A. H. Geuting. 2,149,139; Feb. 28.
Shoe. J. C. Givren. 2,171,414; Aug. 29.
Shoe. J. B. Greider. 2,156,532; May 2.
Shoe. J. Gruber. 2,153,304; Apr. 4.
Shoe. A. Leone and L. Sholtz. 2,150,895; Mar. 21.
Shoe. E. Movsesian. 2,168,606; Aug. 8.
Shoe. J. E. Quinn and H. F. Elliott. 2,160,625; May 30
Shoe. L. W. Rollins. 2,183,697; Dec. 19.
Shoe. S. Schlesinger. 2,149,552; Mar. 7.
Shoe. H. Schröder. 2,163,158; June 20.
Shoe. E. P. Schmidt. 2,151,235; Mar. 21.
Shoe. N. Swartz. 2,180,076; Nov. 14.
Shoe. E. W. Wilkinson and G. D. Hurd. 2,165,188; July 4.
Shoe. M. Winkel. 2,173,702; Sept. 19.
Shoe, Adjustable height increasing. J. Burger. 2,184,209; Dec. 19.
Shoe, Air-conditioned. A. J. Le Clair. 2,164,877; July 4.
Shoe and making same. I. F. Damon. 2,145,713; Jan. 31.
Shoe and making same. J. E. Disch. 2,175,149; Oct. 3
Shoe and making same. S. Wexler. 2,167,858; Aug. 1.
Shoe and making the same. C. W. Baker. 2,180,385; Nov. 21.
Shoe and making the same. J. P. Fredericksen 2,151,020; Mar. 21.
Shoe and making the same. R. C. Johns. 2,175,295; Oct. 10.
Shoe and making the same. A. G. Timson. 2,182,042; Dec. 5.
Shoe and making the same, Welt. L. G. Smith and W. A. Bertrand. 2,168,498; Aug. 8.
Shoe and shank stiffener therefor. W. H. Nickerson. 2,161,188; June 6.
Shoe, Arch supporting. L. W. Brown and H. T. Wood. 2,149,664; Mar. 7.
Shoe, Athletic. H. M. Pierce, J. H. Hermson, and N. H. Thorkelson. 2,178,107; Oct. 31.
Shoe, Athletic. I. Shapiro. 2,177,155; Oct. 24.
Shoe attachment. H. Farlin. 2,179,178; Nov. 7.
Shoe attachment, Antiskid. C. F. Mutter. 2,170,691; Aug. 22.
Shoe attachment, Golf. R. A. Lyne. 2,179,942; Nov. 14.
Shoe bag. C. M. Dalebrook. 2,151,465; Mar. 21.
Shoe bag. E. Sebastian. 2,154,536; Apr. 18.
Shoe blanks, Apparatus for operating on. F. E. Hooper. 2,144,721; Jan. 24.
Shoe bottom ironing unit. S. J. Finn. 2,172,372; Sept. 12.
Shoe bottom pressing machine. K. Engel and C. S. Kinney. 2,157,123; May 9.
Shoe bottom pressing machine. H. B. Newhall. 2,151,712; Mar. 28.
Shoe bottom unit. J. M. Whelton. 2,173,189; Sept. 19.
Shoe bottom units, Manufacture of. H. C. King. 2,173,968; Sept. 26.
Shoe bottom units, Manufacture of reinforced. J. M Whelton. 2,166,421; July 18.
Shoe bottoms, Apparatus for use in applying pressure to. E. E. Winkley. 2,160,950; June 6.
Shoe calk. L. W. Nitkey. 2,154,913; Apr. 18.
Shoe, Cementing. H. K. Pieper. 2,179,017; Nov. 7.
Shoe clamp. W. G. Heiber and E. R. Meng. 2,168,935; Aug. 8.
Shoe clamp, Nonskid. A. E. Seaton and C. E. Tunks. 2,146,233; Feb. 7.
Shoe cleaning device. F. B. Williams. 2,151,254; Mar 21.
Shoe, Coating. A. O. Mickelson and A. J. Duaei. 2,147,308; Feb. 14.
Shoe, Composite. E. Richter. 2,178,025; Oct. 31.
Shoe construction. J. Loufbahn. 2,153,968; Apr. 11.
Shoe construction. J. S. Waversack. 2,179,391; Nov. 7.
Shoe construction and last. R. P. Schwartz. 2,160,991; June 6.
Shoe counter. E. W. MacLean. 2,152,354; Mar. 28.
Shoe cover. J. I. Tickelis. 2,177,542; Oct. 24.
Shoe display device, Automatic. W. H. Parkison. 2,164,664; July 4.
Shoe embodying stretchable leather in its construction. E. F. Roberts. 2,184,082; Dec. 19.
Shoe finishing machine. N. Orgitano. 2,167,310; July 25.
Shoe fitter device. J. L. Harris. 2,159,525; May 23.
Shoe, Flexible. M. Cuozzo. 2,183,671; Dec. 19.
Shoe for driving piles. C. G. Cleesattel. 2,184,514; Dec. 26.
Shoe for elevator doors, Guide. M. W. Talen. 2,148,310; Feb. 21.
Shoe for oil well packers. J. T. Simmons. 2,171,049; Aug. 29.
Shoe for rotary ironers. G. W. Dunham. 2,170,680; Aug. 22.
Shoe for steam irons, Fabric protecting. P. H. Brave. 2,161,009; June 6.
Shoe for well casings, Wash-down and cementing. R. C. Baker. 2,150,311; Mar. 14.
Shoe heel clamp. O. H. Sundberg. 2,183,052; Dec. 12.
Shoe heel nailer. W. W. De Rusha and L. L. Gish. 2,183,789; Dec. 19.
Shoe heel reinforcement. L. Sabo and J. Kiss. 2,167,526; July 25.
Shoehorn. E. B. Morgan. 2,171,310; Aug. 29.
Shoe, Inner and outer adjustable arch. H. A. Kohlruss. 2,183,197; Dec. 12.
Shoe insole. T. Gutwein. 2,153,832; Apr. 11.
Shoe insole. E. I. La Chapelle. 2,165,494; July 11.
Shoe insole. I. Shapiro. 2,177,156; Oct. 24.
Shoe jack. J. Amico. 2,171,527; Sept. 5.
Shoelace, Clasper mechanical. P. Konovaloff. 2,175,901; Oct. 10.
Shoelace gathering mechanism. K. H. Andrèn. 2,177,130; Oct. 24.
Shoe lace package. C. P. Berolzheimer. 2,185,100; Dec. 26.
Shoe lacing. W. Zapis. 2,182,835; Dec. 12.
Shoe last. J. H. Stone. 2,148,512–3; Feb. 28.
Shoe last and protector therefor. P. S. Jones. 2,167,611; July 25.
Shoe last models, Making. W. M. Biddle. 2,167,796; Aug. 1.
Shoe lasting device. P. Aronov and W. H. Scott. 2,177,682; Oct. 31.
Shoe, Low. S. Troy. 2,151,286; Mar. 21.
Shoe machine. J. C. Jorgensen. 2,143,881; Jan. 17.
Shoe machine. A. R. Morrill. 2,155,438; Apr. 25.
Shoe machine. A. R. Morrill. 2,162,026; June 13.
Shoe machine. A. R. Morrill. 2,165,146; July 4.
Shoe machine. J. W. Pratt. 2,168,494; Aug. 8.
Shoe machine. W. T. B. Roberts. 2,167,056; July 25.
Shoe machine. C. A. Robinson. 2,164,347; July 4.
Shoe machine. H. J. Willmott. 2,180,381; Nov. 21.
Shoe machine and method. K. Engel. 2,162,802; June 20.
Shoemaker's jack. F. P. Lioy. 2,145,311; Jan. 31.
Shoemaking. F. Maccarone. 2,164,754; July 4.
Shoemaking. W. M. Page. 2,145,818; Jan. 31.
Shoemaking. W. M. Page. 2,156,511; May 2.
Shoemaking. K. A. Stritter. 2,144,396; Jan. 17.
Shoe making machine. O. Michalk. 2,156,767; May 2.
Shoemaking, Welt. W. M. Page. 2,147,412; Feb. 14.
Shoe mechanism, Expanding. H. B. Mead. 2,171,186; Aug. 29.
Shoe, Orthopedic. M. Hack and D. R. Brady. 2,156,086; Apr. 25.
Shoe, Planter. O. E. Holle. 2,164,066; June 27.
Shoe polishing device. W. B. Derbyshire. 2,166,521; July 18.
Shoe polishing machine. J. J. Magnuson. 2,150,837; Mar. 14.
Shoe polishing machine. J. Wheeler. 2,181,676; Nov. 28.
Shoe press. J. F. Smith. 2,152,366; Mar. 28.
Shoe press. J. F. Smith. 2,152,389; Mar. 28.
Shoe press pad. L. E. Best and W. C. Durham. 2,143,101; Jan. 10.
Shoe repair machine. E. L. Vanderpool. 2,183,055; Dec. 12.
Shoe shining device. J. Forsberg. 2,177,298; Oct. 24.
Shoe, Ski. G. Spini. 2,145,102; Jan. 24.
Shoe, Soft. E. Hodaly. 2,143,556; Jan. 10.
Shoe sole. A. Fisch. 2,150,057; Mar. 7.
Shoe sole and heel construction. A. Vigorith, E. J. Story, and J. M. Delaney. 2,165,427; July 11.
Shoe sole for laying and for attaching a heel, Preparing a. S. Azzara. 2,174,957; Oct. 3.
Shoe sole laying and lasting machine. M. Siegel. 2,144,128; Jan. 17.
Shoe sole protecting device. C. S. Staresina. 2,182,949; Dec. 12.
Shoe sole, Spiked detachable. C. H. Erdman. 2,182,375; Dec. 5.
Shoe soles, Apparatus for applying linings to. M. P. Medwick and M. Fox. 2,166,765; July 18.
Shoe soles, Apparatus for applying pressure to. J. F. Smith. 2,169,981; Aug. 15.
Shoe soles, Flexing. A. F. Bancroft. 2,150,794; Mar. 14.
Shoe stiffener. J. C. Guhman. 2,160,590; May 30.
Shoe stiffener. W. Howard. 2,154,571; Apr. 18.
Shoe, Stretchable leather. A. Vamos. 2,184,261; Dec. 19.
Shoe structure, Stich-down. I. Hoffenberg. 2,165,927; July 11.
Shoe, Track. J. H. Esters. 2,177,936; Oct. 31.
Shoetree. E. J. Baas. 2,158,394; May 16.
Shoe tree. P. S. Jones. 2,169,151; Aug. 8.
Shoetree. M. S. Kissel. 2,168,034; Aug. 1.
Shoetree, Ventilated. P. S. Jones. 2,155,015; Apr. 18.
Shoe upper. R. F. Rossi. 2,156,819; May 2.
Shoe upper, Binding a. R. A. Crosby. 2,153,613; Apr. 11.
Shoe upper forming and pressing machine. J. F. Smith. 2,172,017; Sept. 5.
Shoe upper pressing and smoothing machine. J. F. Smith. 2,167,410; July 25.
Shoe upper shaper. B. W. Freeman. 2,174,463; Sept. 26.
Shoe upper shaping machine. B. W. Freeman and J. G. Herbers. 2,174,462; Sept. 26.
Shoe upper treating machine. W. P. Osgood. 2,173,563; Sept. 19.

Shoe upper treating method and apparatus. M. L. Dodge. 2,171,543; Sept. 5.
Shoe uppers, Apparatus for operating upon parts of. F. E. Hooper. 2,144,722; Jan. 24.
Shoe uppers in lasted position, Holding. A. R. Schoenky. 2,158,203; May 16.
Shoe uppers, Lacing. J. Fossa. 2,175,055; Oct. 3.
Shoe vamp. C. H. Daniels. 2,165,092; July 4.
Shoe vamp filler. C. A. Volz. 2,165,877; July 11.
Shoe welting, Rubber. A. C. Riley. 2,161,902; June 13.
Shoe with extensible upper margin. F. R. Merritt. 2,164,465; July 4.
Shoe with rubber or composition sole. E. C. Heilhecker. 2,183,277; Dec. 12.
Shoe with skate attached, Rigid-bottomed. A. E. Murray. 2,147,455; Feb. 14.
Shoe, Woven. S. Hurwit. 2,161,472; June 6.
Shoes, Apparatus for lasting. J. M. Rohrer. 2,178,609; Nov. 7.
Shoes, Apparatus for lasting. W. B. Thompson. Re. 21,237; Oct. 17.
Shoes, Apparatus for use in making. H. L. Sutcliffe. 2,170,837; Aug. 29.
Shoes, Article for cleaning. H. C. and E. W. Parker. 2,165,150; July 4.
Shoes, Lasting. R. De Liso. 2,150,892; Mar. 21.
Shoes, Making. F. L. Ayers. 2,160,531; May 30.
Shoes, Making. J. J. Dudenhofen. 2,160,650; May 30.
Shoes, Making. F. N. La Chapelle. 2,142,238; Jan. 3.
Shoes, Making. F. Maielland. 2,149,701; Mar. 7.
Shoes, Making. J. E. Quinn and H. F. Elliott. 2,160,624; May 30.
Shoes, Making cemented. C. Miller. 2,163,696; June 27.
Shoes, Making turned. G. R. Babb. 2,150,480; Mar. 14.
Shoes, Manufacture of. J. W. Barna. 2,163,184; June 20.
Shoes, Manufacture of. H. C. King. 2,167,658; Aug. 1.
Shoes, Manufacture of. H. C. King. 2,173,967; Sept. 26.
Shoes, Manufacture of. H. Warren. 2,155,572; Apr. 25.
Shoes, Manufacturing. J. T. Lancaster. 2,173,971; Sept. 26.
Shoes, Method and apparatus for operating on. B. Jorgensen. 2,154,453; Apr. 18.
Shoes, Method and apparatus for repairing. E. I. La Chapelle. 2,184,458; Dec. 26.
Shoes, Method and apparatus for use in lasting. J. Fausse. 2,182,491; Dec. 5.
Shoes, Method and machine for use in making. J. S. Kamborian. 2,182,810; Dec. 12.
Shoes, Method of and machine for manufacturing. A. Labrie. 2,163,689; June 27.
Shoes, Method of lasting. S. Cangemi. 2,163,664; June 27.
Shoes of the prewelted type, Apparatus for forming. T. H. Erline, F. U. Ditzler, and H. B. Kich. 2,164,989; July 4.
Shoes, Production of. H. Rollmann. 2,168,243; Aug. 1.
Shoes, Stiffening. K. Mayer. 2,170,376; Aug. 22.
Shoes, Taping and binding. E. N. Meck. Re. 21,123; June 20.
Shoes, Underbody for. D. F. Herbst. 2,154,241; Apr. 11.
Shook selector for box-making machines. H. E. Twomley. 2,144,821; Jan. 24.
Shooting range. E. A. Gorney. 2,146,066; Feb. 7.
Shop equipment, Standardized. G. M. Turner. 2,148,090; Feb. 21.
Shopping bag. B. Altheimer. 2,177,972; Oct. 31.
Shore. H. J. Baker. 2,148,396; Feb. 21.
Shore heads, Form release. J. G. Bauer. 2,166,576; July 18.
Shore jack. L. S. Holmboe. 2,178,792; Nov. 7.
Short wave communication circuit. W. Buschbeck. 2,169,352; Aug. 15.
Short wave system. B. Trevor and R. W. George. 2,152,335; Mar. 28.
Short wave system, Ultra. W. Ilberg. 2,156,653; May 2.
Short waves, Modulating ultra. E. Gerhard. 2,165,847; July 11.
Shorts. R. E. Davis. 2,172,866; Sept. 12.
Shorts. I. Flamberg. 2,145,688; Jan. 31.
Shorts and sanitary belt, Combination. H. Marcus. 2,165,561; July 11.
Shortening, Finishing. T. M. Godfrey and V. Serbell. 2,174,364; Sept. 26.
Shot, Bird. R. L. Dowdell and R. G. Green. 2,167,828; Aug. 1.
Shotgun barrel. H. Fleming. 2,167,173; July 25.
Shoulder ornament mounting means. P. A. Merrigan. 2,164,252; June 27.
Shoulder pad. C. E. Pankey. 2,162,858; June 20.
Shoulder supporting member. D. Bellfort. 2,170,960; Aug. 29.
Shovel. F. C. Brandenburg. 2,178,509; Oct. 31.
Shovel. W. F. McLindon. 2,166,013; July 11.
Shovel. R. A. Smith. 2,183,976; Dec. 19.
Shovel, Adjustable perforated print. H. Richter. 2,149,630; Mar. 7.
Shovel attachment for tractor front wheels, Leveling. J. A. Heeren. 2,163,682; June 27.
Shovel, chute, and crowder attachment for dredging purposes, Dipper. J. D. Smith and S. K. Atkinson. 2,155,153; Apr. 18.
Shovel, Excavating. W. Baker. 2,162,994; June 20.
Shovel, Making a. W. A. Ready. 2,176,436; Oct. 17.
Shovel, Wing-type corrugating. C. H. Krengel. 2,143,781; Jan. 10.
Shoveling machine. R. R. Dooley and C. H. Brown. 2,157,736; May 9.
Show card and the like. F. K. Giles. 2,153,460; Apr. 4.
Showcase. C. E. Rorrer and A. R. Mitterer. Re. 21,264; Nov. 14.
Showcase construction. L. W. Kennedy. 2,174,983; Oct. 3.
Showcase lock. E. J. Gapinski. 2,171,123; Aug. 29.
Shower bath. R. L. Bullington. 2,148,926; Feb. 28.
Shower bath. L. N. Farnum. 2,162,804; June 20.
Shower bracket, Suction cup wall. O. W. Holden. 2,171,875; Sept. 5.
Shower head. E. H. Bucknell and R. E. Bletcher. 2,156,800; May 2.
Shower pipe cleaner. F. G. Foster. 2,177,429; Oct. 24.
Shower ring. O. W. Holden. 2,161,047; June 6.
Shredder. G. Austria. 2,156,421; May 2.
Shredder. W. Sander. 2,150,192; Mar. 14.
Shredder, Paper. E. G. Ashley. 2,182,219; Dec. 5.
Shredding device. S. Norman. 2,183,224; Dec. 12.
Shredding machine. A. W. Gabel. 2,172,886; Sept. 12.
Shrimp-shelling machine. V. Bottker. 2,147,633; Feb. 21.
Shunt adaptor, Resistance. R. A. Kamm. 2,177,806; Oct. 31.
Shunt for measuring instruments, Adjustable magnetic. F. S. Stickney and H. L. Bernarde. 2,179,305; Nov. 7.
Shunting, Induced. J. Ledwinka. 2,150,774; Mar. 14.
Shut-off device for fire hose. W. W. Brittain. 2,150,262; Mar. 14.
Shut-off for multiple burners, Safety. F. Mansky. 2,183,855; Dec. 19.
Shut-off means for mixing apparatus, Gas. H. B. Barber. 2,147,568; Feb. 14.
Shut-off, Safety gas line. B. C. Nichols. 2,183,483; Dec. 12.
Shut-off valve. O. Knoerzer. 2,151,296; Mar. 21.
Shut-off valve. H. H. Shiels. 2,181,523; Nov. 28.
Shut-off valve, Earthquake actuated. S. H. Hansen. 2,158,753; May 16.
Shutter. C. A. McIlvaine. 2,169,157; Aug. 8.
Shutter. D. D. Sweney. 2,158,682; May 16.
Shutter actuating mechanism for folding cameras. A. Nagel. 2,184,000; Dec. 19.
Shutter and awning, Combination. J. G. Cox. 2,155,116; Apr. 18.
Shutter and flash synchronizer for cameras. I. Jacobson. 2,161,355; June 6.
Shutter and pretimer, Photographic. J. Mihalyi. 2,165,401; July 11.
Shutter, Automatic photographic. N. V. Fedotoff. 2,179,717; Nov. 14.
Shutter, Awning. L. M. Jones. 2,145,569; Jan. 31.
Shutter controlling mechanism. A. Nagel. 2,146,908; Feb. 14.
Shutter, Delivery. A. Solberg. 2,163,356; June 20.
Shutter for enclosures, Coiled. C. M. Pierson and H. W. McPherson. 2,177,931; Oct. 31.
Shutter for motion picture machines. L. R. Cobb. 2,184,710; Dec. 26.
Shutter for motion picture projectors, Safety. H. C. Wellman. 2,166,696; July 18.
Shutter for motion picture projectors, Safety. H. C. Wellman. 2,176,515; Oct. 17.
Shutter leaf rebound latch, Setting. W. A. Riddell. 2,172,295; Sept. 5.
Shutter lifter, Framing light. N. F. Matteson, G. L. Bub, and R. Q. Moore. 2,158,077; May 16.
Shutter mechanism for pocket cameras. T. M. Brueck. 2,176,621; Oct. 17.
Shutter mechanism for roll film cameras. L. Leitz and W. Albert. 2,171,660; Sept. 5.
Shutter operating mechanism for a folding camera. C. C. Fuerst. 2,176,493; Oct. 17.
Shutter operating mechanism for registers of liquid dispensing apparatus. W. H. De Lancey. 2,157,258; May 9.
Shutter, Photographic. N. B. Green. 2,165,137; July 4.
Shutter, Photographic. F. A. Pirwitz. 2,165,574; July 11.
Shutter, Photographic. H. Zizelsberger. 2,183,802; Dec. 19.
Shutter, Photographic focal plane. H. Küppenbender. 2,149,094; Feb. 28.
Shutter rebound check. C. W. Crumrine. 2,161,338; June 6.
Shutter release for folding cameras. A. Nagel. 2,169,005; Aug. 8.
Shutter release mechanism. W. Albert. 2,173,991; Sept. 26.
Shutter, Setting. W. A. Riddell. 2,176,844; Oct. 17.
Shutter setting and film winding mechanism. O. Wittel. 2,180,028; Nov. 14.
Shutters, Two-way operating mechanism for. H. Pfannenstiehl. 2,160,390; May 30.
Shuttle. O. and K. Goldschmid. 2,148,938; Feb. 28.
Shuttle. W. E. Lundgren. 2,154,050; Apr. 11.
Shuttle. T. Murphy. 2,181,667; Nov. 28.
Shuttle. W. A. Tebo. 2,152,223; Mar. 28.
Shuttle box, Fabricated multicell. J. B. Olch. 2,184,056; Dec. 19.
Shuttle box front. H. J. Lanier. 2,170,384; Aug. 22.
Shuttle check for looms. O. V. Payne. 2,184,058; Dec. 19.

Shuttle, Circular loom. E. Kinsella and F. S. Hardy. 2,175,268; Oct. 10.
Shuttlecock. A. A. Hudson. 2,153,251; Apr. 4.
Shuttle control for shuttle-changing looms, Reserve. C. Darwin. 2,171,685; Sept. 5.
Shuttle feed for presses. T. Norton. 2,176,543; Oct. 17.
Shuttle for circular looms. F. C. Hale and F. S. Hardy. 2,154,900; Apr. 18.
Shuttle for circular looms. E. Kinsella. 2,175,269; Oct. 10.
Shuttle for thread cutting mechanism. R. G. Turner. 2,172,336; Sept. 5.
Shuttle guide for looms. H. F. Livermore. 2,171,729; Sept. 5.
Shuttle, Loom. J. B. Daudelin and E. E. Talbot. 2,182,144; Dec. 5.
Shuttle mechanism for ring shuttle sewing machines. A. Schenzinger. 2,181,951; Dec. 5.
Shuttle motion for looms. J. F. Timberlake. 2,160,111; May 30.
Shuttle picking mechanism. A. Moessinger. 2,160,338–9; May 30.
Shuttle, Spring side metal. H. H. Holcombe. 2,157,055; May 2.
Shuttle structure. O. J. Benoit. 2,143,506; Jan. 10.
Shuttle tension. P. Doerseln. 2,177,134; Oct. 24.
Shuttle tension. W. A. Tebo. 2,170,541; Aug. 22.
Shuttleless loom. C. F. Libby. 2,180,831; Nov. 21.
Shuttleless loom. W. T. Sullivan. 2,170,770; Aug. 22.
Sickle bar assembly. V. L. Stathem. 2,156,745; May 2.
Sideband modulation. N. E. Lindenblad. 2,167,722; Aug. 1.
Side band suppressed tuning for radio receiving systems. F. M. Schmidt. 2,160,566; May 30.
Side bearing. A. B. Severn. 2,156,705; May 2.
Side bearing. A. B. Severn. 2,169,074; Aug. 8.
Side bearing. E. W. Webb. 2,142,427–8; Jan. 3.
Side discharge body. B. E. Phelps. 2,179,300; Nov. 7.
Sidewalk, floor, or roadway construction. A. Henderson. 2,174,035; Sept. 26.
Siding, Emergency. J. A. Gougar. 2,155,790; Apr. 25.
Siding unit and assembly. P. A. Voigt. 2,153,015; Apr. 4.
Sieve. C. B. Arnold. 2,181,718; Nov. 28.
Sieve for bolters, Separable. W. E. Norvell. 2,181,695; Nov. 28.
Sifter. T. G. Cecka. 2,159,549; May 23.
Sifter. N. F. Lingle. 2,168,130; Aug. 1.
Sifter. M. L. Schneider. 2,164,841; July 4.
Sifter. L. E. Simpson. 2,149,368; Mar. 7.
Sifter and mixer device. L. J. Spencer. 2,163,766; June 27.
Sifter closure. P. M. Thorn. 2,170,955; Aug. 29.
Sifter, Dross. L. G. Olander. 2,151,986; Mar. 28.
Sifter, Flour. C. Andrews and W. Hannon. 2,153,879; Apr. 11.
Sifter, Gyratory. C. L. Reimuller. 2,145,432; Jan. 31.
Sifter or conveyer device. J. Wölz. 2,179,442; Nov. 7.
Sifter, Powder. A. F. Reilly. 2,149,183; Feb. 28.
Sight, Bomb. E. W. Chafee and H. C. Van Auken. 2,162,699; June 20.
Sight feeder, Automatic clarifying. L. V. West. 2,173,640; Sept. 19.
Sight for firearms, Front. B. A. Tetzlaff. 2,167,012; July 25.
Sight for toy guns. T. R. Arden. 2,155,391; Apr. 25.
Sight mount for firearms, Adjustable. F. F. Burton. 2,165,785; July 11.
Sighting apparatus. J. C. Karnes. 2,162,723; June 20.
Sighting apparatus with automatic correction. R. Alkan. 2,183,530; Dec. 19.
Sighting device for headlight testing apparatus. C. W. MacMillan. 2,149,302; Mar. 7.
Sighting device, Range-finding and fire-correction. J. Fieux. 2,160,202; May 30.
Sighting instrument. L. E. W. Van Albada. 2,146,662; Feb. 7.
Sighting means for guns. T. R. Arden. 2,155,389–90; Apr. 25.

Sign: *See*—
- Advertising and display sign.
- Advertising and warning sign.
- Advertising sign.
- Changeable sign.
- Collapsible sign.
- Display sign.
- Electric sign.
- Flexible parking sign.
- House number sign.
- Illuminated sign.
- Luminous sign.
- Luminous tube sign.
- Luminous-tube sign.
- Neon advertising sign.
- Neon sign.
- Plate flash neon sign.
- Reflecting sign.
- Reticulated sheet metal sign.
- Scintillating sign.
- Swinging sign.
- Tire sign.
- Traffic control sign.
- Warning sign.

Sign. S. F. Arbuckle. 2,178,715; Nov. 7.
Sign. S. F. Arbuckle and G. H. Coulter. Re. 21,013; Feb. 28.
Sign, A. R. Cardarelli. 2,164,985; July 4.
Sign. L. R. H. Dey and R. L. Pioso. 2,142,633; Jan. 3.
Sign. C. A. Fine. 2,181,938; Dec. 5.
Sign. E. B. Hand. 2,167,838; Aug. 1.
Sign. W. W. Hays. 2,147,033; Feb. 14.
Sign. W. W. Hays. 2,152,845; Apr. 4.
Sign. E. A. Hector. 2,160,544; May 30.
Sign. J. B. Hood. 2,165,704; July 11.
Sign. B. J. Kalb. 2,145,880; Feb. 7.
Sign. O. E. Mutti. 2,175,276; Oct. 10.
Sign. E. L. Register. 2,166,571; July 18.
Sign. C. A. Smith. 2,145,955; Feb. 7.
Sign. J. Trojan. 2,165,910; July 11.
Sign. C. W. Williamson. 2,171,016; Aug. 29.
Sign anchorage attachment. R. E. Oberlin. 2,177,327; Oct. 24.
Sign and decorative element, Illuminated display. W. L. Belknap and E. L. Meyer. 2,176,117; Oct. 17.
Sign and letters therefor, Changeable. B. H. Adler. 2,156,257; May 2.
Sign and making same. T. B. Lakin. 2,156,634; May 2.
Sign and making same, Incandescent gas. A. S. Moffat. 2,158,968; May 16.
Sign and mounting therefor. E. R. Erickson. 2,146,113; Feb. 7.
Sign apparatus and method, Illuminated. J. G. Best. 2,168,113; Aug. 1.
Signboard with removable letters. L. Bertoye. 2,166,036; July 11.
Sign box. W. F. Reisiger. 2,154,251; Apr. 11.
Sign carrier. E. C. Brownell. 2,172,787; Sept. 12.
Sign character. G. W. Frost. 2,178,684; Nov. 7.
Sign composing apparatus. Q. Buras. 2,170,985; Aug. 29.
Sign construction, Reflecting. C. A. Persons. 2,180,166; Nov. 14.
Sign flashing device. W. N. Olson. 2,163,055; June 20.
Sign for stores, Section directory. H. G. Marshall. 2,142,200; Jan. 3.
Sign for vehicles, Advertising. A. P. Fritsch. 2,166,048; July 11.
Sign mechanism. B. W. Wallace and E. A. Lawler. 2,144,002; Jan. 17.
Sign mechanism, Roller. W. G. Hartwig. 2,177,715; Oct. 31.
Sign, ornamental device, and the like. E. D. M. Miller. 2,147,748; Feb. 21.
Sign plate and making same. A. U. Magnan. 2,149,613; Mar. 7.
Sign-removing implement. L. C. Loy. 2,148,701; Feb. 28.
Sign structure, Revoluble. G. L. Castillon. 2,167,563; July 25.
Sign with electric bulbs, Motor design. S. Micell. 2,166,818; July 18.
Signs and other display devices, Manufacturing. F. Hunter. 2,143,946; Jan. 17.
Signs, Apparatus for projecting aerial. G. C. Edwards. 2,165,246; July 11.
Signs, Device for increasing effectiveness of Neon. J. H. Pearlman. 2,182,233; Dec. 5.

Signal: *See*—
- Auto direction signal.
- Auto signal.
- Automobile signal.
- Brake signal.
- Curb parking signal.
- Direction signal.
- Distress signal.
- Electric traffic signal.
- Finger signal.
- Frequency modulated signal.
- Grade crossing signal.
- Index directional signal.
- Highway signal.
- Light signal.
- Parachute signal.
- Pressure signal.
- Railroad signal.
- Reflector signal.
- Semaphore signal.
- Tire pressure signal.
- Traffic control signal.
- Traffic signal.
- Trawling signal.
- Truck signal.
- Turn signal.
- Vehicle automatic signal.
- Vehicle direction signal.
- Vehicle directional signal.
- Vehicle traffic signal.
- Vehicular traffic signal.
- Warning signal.

Signal. C. V. Giaimo. 2,145,652; Jan. 31.
Signal. C. V. Giaimo. 2,172,468; Sept. 12.
Signal. P. Lockhart. 2,181,761; Nov. 28.
Signal. J. G. Moran. 2,176,268; Oct. 17.
Signal amplifier. E. C. Freeland. 2,154,327; Apr. 11.
Signal amplifying system, Variable gain. P. Weathers. 2,160,097; May 30.
Signal and means for operation, Vehicle. M. Fukuhara. 2,183,349; Dec. 12.
Signal and mechanism therefor, Warning. F. E. Weld and H. S. Smith. 2,167,964; Aug. 1.
Signal apparatus, Electrical. E. O. Thompson. 2,148,328; Feb. 21.
Signal apparatus, Time-operated coin-controlled. C. H. Martin. 2,177,778; Oct. 31.
Signal apparatus, Vehicle. P. W. Rom. 2,167,680; Aug. 1.
Signal arm, Vehicle. H. J. Graham and H. Y. Mageoch. 2,167,239; July 25.
Signal blinker system, Direction. H. J. Murray. 2,172,068; Sept. 5.
Signal control. J. R. Parachek. 2,173,370; Sept. 19.
Signal control, stop. J. M. and T. J. Murray. 2,170,088; Aug. 22.
Signal control system, Railway. J. B. Griffiths, and A. Brown. 2,182,122; Dec. 5.
Signal controlling mechanism and system. H. I. Turner and E. R. Freeberg. 2,143,668; Jan. 10.
Signal device. C. F. A. Eddy. 2,175,384; Oct. 10.
Signal device. J. W. Myers. 2,150,840; Mar. 14.
Signal device. B. D. Pickering. 2,171,481; Aug. 29.
Signal device. A. E. and L. Rittenhouse. Re. 21,181; Aug. 22.
Signal device. L. Rittenhouse. 2,147,498; Feb. 14.

Signal device. L. Rittenhouse. 2,164,839; July 4.
Signal device. L. Rittenhouse. 2,169,770; Aug. 15.
Signal device. R. J. Ruths. 2,165,305; July 11.
Signal device. W. J. Wolf. 2,155,342; Apr. 18.
Signal device and train control, Railway. H. W. Richards. 2,163,520; June 20.
Signal device, Antitheft. M. A. Schafer. 2,146,271; Feb. 7.
Signal device, Automobile. D. E. Reed. 2,179,022; Nov. 7.
Signal device, Flood operated. C. M. Roberts. 2,184,605; Dec. 26.
Signal device for automobiles, Direction. P. D. Smith. 2,169,906; Aug. 15.
Signal device for dispensing pumps. C. S. Hazard. Re. 21,041; Apr. 4.
Signal device for dispensing pumps. C. S. Hazard. 2,178,230; Oct. 31.
Signal device for liquid tanks, Audible. G. K. Crossley. 2,143,476; Jan. 10.
Signal device for railroads. R. M. Lindsey. 2,172,912; Sept. 12.
Signal device for storage tanks. J. A. Logan. 2,154,005; Apr. 11.
Signal device, Pneumatic. R. R. Stevens and G. C. Croushore. 2,142,221; Jan. 3.
Signal device, Sounding. R. M. Critchfield and J. White. 2,145,711; Jan. 31.
Signal for air brakes, Warning. H. S. Fromhart. 2,184,715; Dec. 26.
Signal for braking systems, Warning. T. W. Vickers. 2,161,441; June 6.
Signal for dispensing pumps, Automatic. C. S. Hazard. 2,167,151; July 25.
Signal for motor vehicles, Electric. A. B. Cotant. 2,162,161; June 13.
Signal for railroads, Light. O. S. Field. 2,145,788; Jan. 31.
Signal for secondary batteries, Gas operated. E. L. Willits. 2,143,340; Jan. 10.
Signal for toy railroads, Block. R. A. Hathaway. 2,157,171; May 9.
Signal for typewriters, Sheet. M. D. Brown and C. G. and P. G. Becker. 2,142,603; Jan. 3.
Signal for vehicles, Direction. I. O. Foster. 2,166,862; July 18.
Signal for vehicles, Directional. E. B. Wilcox. 2,177,012; Oct. 24.
Signal frequencies in television systems, Controlling the. I. L. Maguire. 2,169,654; Aug. 15.
Signal interference control, Automatic. H. A. Wheeler. 2,152,515; Mar. 28.
Signal lamp. J. C. Schellin. 2,178,897; Nov. 7.
Signal light. A. E. Robert. 2,159,636; May 23.
Signal light for railway switches, Electric revolving. C. J. Reigh. 2,181,067; Nov. 21.
Signal light for vehicles, Automatic hand. A. I. Leventhal. 2,172,167; Sept. 5.
Signal light, Pneumatic direction. J. F. Moffett. 2,182,816; Dec. 12.
Signal light switch, Automatic automobile. L. F. Carter. 2,169,088; Aug. 8.
Signal mechanism. C. E. Beach. 2,149,572; Mar. 7.
Signal observance, Apparatus and method for recording railroad speed. L. S. Randolph. 2,164,473; July 4.
Signal operating device, Electrical. R. Bearss and C. E. Anderson. 2,159,419; May 23.
Signal or clip. R. A. Stewart. 2,184,569; Dec. 26.
Signal or direction indicating light. M. M. Robbins. 2,176,546; Oct. 17.
Signal producing means. R. J. Wise. 2,176,442; Oct. 17.
Signal receiving system. G. L. Beers. 2,179,974; Nov. 14.
Signal receiving system, Continuous wave. W. R. Koch. 2,154,073; Apr. 11.
Signal receiving system, Radio. S. M. Brasher. 2,168,923; Aug. 8.
Signal-selecting system. H. A. Wheeler. 2,183,980; Dec. 19.
Signal switch. D. O. Seaman. 2,156,703; May 2.
Signal switch, Automobile direction. W. Moeller. 2,143,447; Jan. 10.
Signal switch, Steering column directional. H. E. Metcalf. 2,180,688; Nov. 21.
Signal system. T. A. J. Hayes. 2,151,272; Mar. 21.
Signal system. A. G. Manke. 2,179,298; Nov. 7.
Signal system for railroads, Automatic block. D. J. Murphy. 2,156,637; May 2.
Signal system, Traffic. W. M. Jeffers. 2,166,721; July 18.
Signal systems, Fault-indicating means for. J. H. Wheelock. 2,170,104; Aug. 22.
Signal translating apparatus. A. D. Burt. 2,155,469; Apr. 25.
Signal translating apparatus. R. J. Kircher. 2,163,244; June 20.
Signal-translating apparatus. A. L. Samuel. 2,169,396; Aug. 15.
Signal-translating system. N. P. Case. 2,148,604; Feb. 28.
Signal transmission. H. W. Dudley. 2,151,091; Mar. 21.
Signal transmission. A. W. Friend. 2,176,526; Oct. 17.
Signal transmission line. A. M. Curtis. 2,181,579; Nov. 28.
Signal transmission line, Electric. A. D. Blumlein. 2,157,522; May 9.
Signal transmission line, Electric. A. D. Blumlein and J. Hardwick. 2,164,492; July 4.
Signal transmission method and apparatus. A. G. Cooley. 2,179,445; Nov. 7.
Signal transmission system. L. G. Abraham. 2,158,993; May 23.
Signal transmission system. B. G. Bjornson and N. W. Bryant. 2,170,397; Aug. 22.
Signal transmission system. A. C. Dickieson and H. J. Fisher. 2,153,040; Apr. 4.
Signal transmission system. S. Doba, Jr. 2,156,622; May 2.
Signal transmission system. S. Doba, Jr. 2,157,326; May 9.
Signal transmission system. A. C. Norwine. 2,164,344; July 4.
Signal transmission system. A. Wiessner. 2,184,826; Dec. 26.
Signal transmission system, Electric. J. Collard. 2,165,838; July 11.
Signal transmission system, Electric. M. Bowman-Manifold and J. Collard. 2,158,978; May 16.
Signal transmitting means. C. J. Fitch. 2,168,442; Aug. 8.
Signal transmitting system. S. J. Begun. 2,166,517; July 18.
Signal, Variable traffic. R. O. Nelson. Re. 21,084; May 16.
Signaling. C. J. Fitch. 2,153,178; Apr. 4.
Signaling. C. W. Hansell. 2,167,480; July 25.
Signaling. J. B. Johnson. 2,155,192; Apr. 18.
Signaling apparatus. C. W. Hansell. 2,173,164; Sept. 19.
Signaling apparatus. K. Ishibashi. 2,148,695; Feb. 28.
Signaling apparatus. B. M. Kay. 2,167,076; July 25.
Signaling apparatus. J. Meltzer. 2,171,665; Sept. 5.
Signaling apparatus. J. M. Pelikan. 2,168,805; Aug. 8.
Signaling apparatus and system. J. C. Stevens. 2,146,999; Feb. 14.
Signaling apparatus, Multi-frequency. W. N. Krebs and D. W. Seiler. 2,169,257; Aug. 15.
Signaling apparatus, Projecting means for submarine. W. Kunze. 2,166,162; July 18.
Signaling apparatus, Railway. D. C. Bettison. 2,147,397; Feb. 14.
Signaling apparatus, Railway. L. O. Grondahl. 2,159,524; May 23.
Signaling apparatus, Railway. W. P. Place. 2,182,163; Dec. 5.
Signaling apparatus, Railway. W. P. Place and A. J. Sorensen. 2,178,806; Nov. 7.
Signaling apparatus, Railway. F. J. Ryan. 2,144,432; Jan. 17.
Signaling apparatus, Wireless. J. Robinson. 2,153,274; Apr. 4.
Signaling arm. M. C. Margarian. 2,153,634; Apr. 11.
Signaling device. L. H. Allen. 2,151,726; Mar. 28.
Signaling device. H. M. Butler. 2,152,789; Apr. 4.
Signaling device. V. Cranford. 2,147,010; Feb. 14.
Signaling device. K. N. Donally. 2,154,670; Apr. 18.
Signaling device. H. L. Greene and R. H. Madden. 2,176,794; Oct. 17.
Signaling device. C. W. Heineman and E. B. Thomas. 2,153,754; Apr. 11.
Signaling device. J. C. McCune. 2,163,434; June 20.
Signaling device. C. F. Scheel and F. A. Gessler. 2,154,360; Apr. 11.
Signaling device. W. H. Scott. 2,149,794; Mar. 7.
Signaling device, Animated. D. Hewitt. 2,152,051; Mar. 28.
Signaling device for automobiles. H. Gilbert. 2,143,550; Jan. 10.
Signaling device for automobiles, Safety. W. O. Hebler. 2,178,343; Oct. 31.
Signaling device for typewriters. J. Y. Payton. 2,168,070; Aug. 1.
Signaling device for vehicles. F. M. Richards. 2,173,265; Sept. 19.
Signaling device for vehicles, Automatic direction. R. Markham. 2,155,433; Apr. 25.
Signaling device, Pneumatic. C. A. Campbell. 2,181,225; Nov. 28.
Signaling device, Railway. R. A. Tuot. 2,154,877; Apr. 18.
Signaling device, Sheet-end. W. J. English. 2,168,195; Aug. 1.
Signaling, Electro-optical. F. Schröter. 2,155,509; Apr. 25.
Signaling means, Audible. A. E. Mathey. 2,143,706; Jan. 10.
Signaling means for automotive vehicles, Speed. C. L. Lee. 2,146,304; Feb. 7.
Signaling means, Radio-controlled. J. A. Hassan. 2,168,602; Aug. 8.
Signaling means, Safety. J. M. Sharp. 2,153,277; Apr. 4.
Signaling mechanism, Electric. A. G. Rozyskie. 2,144,124; Jan. 17.
Signaling mechanism, Vehicle. P. A. Pennock. 2,168,492; Aug. 8.
Signaling or controlling system employing follow-up devices, Electric. R. J. Wey. 2,164,728; July 4.
Signaling over alternating current networks, Method and arrangement for. A. Ytterberg. 2,149,486; Mar. 7.
Signaling, Railway. E. M. Allen and H. S. Young. 2,148,005; Feb. 21.

Signaling, Railway. G. R. Pflasterer. 2,150,292; Mar. 14.
Signaling, Railway. G. R. Pflasterer. 2,168,817; Aug. 8.
Signaling, Railway. H. S. Young. 2,168,816; Aug. 8.
Signaling, Submarine. C. G. Suits. 2,167,536; July 25.
Signaling, supervising, and recording system, Electric. J. R. Harrington. 2,164,324; July 4.
Signaling switch. F. Courtinade. 2,180,894; Nov. 21.
Signaling system. S. F. Arbuckle. 2,159,496; May 23.
Signaling system. F. E. Blount. 2,153,293; Apr. 4.
Signaling system. H. A. Bredehoft. 2,180,334; Nov. 21.
Signaling system. G. C. Cummings. 2,154,230; Apr. 11.
Signaling system. G. C. Cummings and R. B. Hearn. 2,183,708; Dec. 19.
Signaling system. H. W. Dudley. 2,150,364; Mar. 14.
Signaling system. H. W. Dudley. 2,181,265; Nov. 28.
Signaling system. J. L. Finch. 2,166,756; July 18.
Signaling system. A. N. Goldsmith. 2,181,564; Nov. 28.
Signaling system. C. W. Halligan. 2,152,475; Mar. 28.
Signaling system. R. B. Hearn. 2,160,017; May 30.
Signaling system. R. B. Hearn. 2,182,340; Dec. 5.
Signaling system. F. A. Hubbard. 2,149,343; Mar. 7.
Signaling system. D. F. Johnston and J. B. Shiel. 2,148,560; Feb. 28.
Signaling system. M. E. Krom. 2,160,507; May 30.
Signaling system. L. V. Lewis. 2,171,756; Sept. 5.
Signaling system. J. Meszar. 2,145,053; Jan. 24.
Signaling system. J. Meszar. 2,162,268; June 13.
Signaling system. J. L. Miller. 2,163,051; June 20.
Signaling system. O. R. Miller. 2,174,006; Sept. 26.
Signaling system. D. Mitchell. 2,155,056; Apr. 18.
Signaling system. M. L. Nelson. 2,157,860; May 9.
Signaling system. J. E. Ostline. 2,171,669; Sept. 5.
Signaling system. H. M. Pruden. 2,183,941; Dec. 19.
Signaling system. G. A. Pullis. 2,148,578; Feb. 28.
Signaling system. W. T. Rea. 2,184,979; Dec. 26.
Signaling system. G. N. Saul. 2,159,751; May 23.
Signaling system. G. N. Saul. 2,166,536; July 18.
Signaling system. K. H. Thunell, S. D. Vigren, and P. H. E. Claesson. 2,174,371; Sept. 26.
Signaling system. R. Urtel. 2,156,932; May 2.
Signaling system. E. Vroom. 2,154,921; Apr. 18.
Signaling system. J. C. Walter. 2,154,923; Apr. 18.
Signaling system. G. W. Watson. 2,168,460; Aug. 8.
Signaling system, Alternating current operated noninterfering. M. W. Muehter. 2,183,245; Dec. 12.
Signaling system and apparatus therefor. R. Hoover. 2,149,219; Feb. 28.
Signaling system and device therefor, Electrical. W. R. M. Very. 2,171,152; Aug. 29.
Signaling system and glow lamps therefor. H. P. Boswau. 2,142,106; Jan. 3.
Signaling system and method. E. H. Yonkers, Jr. 2,148,389; Feb. 21.
Signaling system, Carrier wave. C. E. Strong and F. C. McLean. 2,167,535; July 25.
Signaling system, Electric. E. W. Hullegård. 2,182,152; Dec. 5.
Signaling system, Electrical. P. F. Gunning. 2,154,742; Apr. 18.
Signaling system, Electrical. T. R. Rayner, G. A. Burns, and H. S. Woodhead. 2,176,720; Oct. 17.
Signaling system, Fire alarm. P. P. Horni. 2,157,237; May 9.
Signaling system for vehicles. J. P. Miller. 2,144,727; Jan. 24.
Signaling system, High frequency. E. C. Cork and J. L. Pawsey. 2,165,961; July 11.
Signaling system, High frequency. H. P. Thomas. 2,143,722; Jan .10.
Signaling system, Mechanism for operating an electrical. J. M. Gustafson. 2,178,854; Nov. 7.
Signaling system, Multiplex. A. D. Blumlein. 2,172,354; Sept. 12.
Signaling system, Railway. A. Brown. 2,182,170; Dec. 5.
Signaling system, Railway. P. H. Crago. 2,146,054; Feb. 7.
Signaling system, Railway. P. H. Crago. 2,150,579; Mar. 14.
Signaling system, Railway. P. H. Dowling. 2,155,532; Apr. 25.
Signaling system, Railway. P. H. Dowling. 2,171,784; Sept. 5.
Signaling system, Railway. J. M. Evans. 2,159,324; May 23.
Signaling system, Railway. G. R. Pflasterer. 2,155,870; Apr. 25.
Signaling system, Railway. H. S. Young. 2,143,967; Jan. 17.
Signaling system, Railway. H. S. Young. 2,178,294; Oct. 31.
Signaling system, Secrecy. C. C. Taylor and S. B. Wright. 2,179,106; Nov. 7.
Signaling system, Selective. A. E. Bachelet and W. H. T. Holden. 2,153,128; Apr. 4.
Signaling system, Selective. A. E. Bachelet and W. H. T. Holden. 2,154,886; Apr. 18.
Signaling system, Traffic. P. P. Horni. 2,157,236; May 9
Signaling system, Traffic. T. A. Logan. 2,152,070; Mar. 28.
Signaling system, Vehicle. H. E. Metcalf. 2,175,848; Oct. 10.
Signaling system, Vehicle. W. J. Morris. 2,159,598; May 23.
Signaling system, Wave. J. F. Farrington. 2,152,470; Mar. 28.
Signaling system, Wave. M. L. Levy. 2,154,311; Apr. 11.
Signaling, Ultra high frequency. G. C. Southworth. 2,153,728; Apr. 11.
Signals, Apparatus for the control of highway crossing. E. M. Allen. 2,176,866; Oct. 24.
Signals, Apparatus for the control of highway crossing. C. W. Bell. 2,171,738; Sept. 5.
Signals, Apparatus for the control of highway crossing. P. H. Crago. 2,174,620–1; Oct. 3.
Signals, Apparatus for the control of highway crossing. P. H. Crago. 2,183,161; Dec. 12.
Signals, Device for flame. A. P. Bunt and T. G. Hitt. 2,168,698; Aug. 8.
Signals electrically, Recording. B. L. Kline, R. D. Parrott, and G. L. Erickson. 2,181,533; Nov. 28.
Signals, Local correction of cable. H. F. Wilder. 2,173,740; Sept. 19.
Signals, Method and apparatus for producing composite. F. J. Bingley. 2,171,537; Sept. 5.
Signals through dielectric guides, Apparatus for receiving electromagnetic. G. C. Southworth and A. P. King. 2,142,159; Jan. 3.
Signals to and receiving signals from telephone circuits, Introducing. W. Howey. 2,165,856; July 11.
Signature gathering. F. M. Krueger. 2,173,118; Sept. 19.
Signatures and the like, Method of and mechanism for opening book. M. Christensen. 2,160,830; June 6.
Silencer. R. B. Bourne. 2,184,891; Dec. 26.
Silencer. F. E. Deremer. 2,147,015; Feb. 14.
Silencer. F. E. Deremer. 2,151,084; Mar. 21.
Silencer. R. L. Hoyle. 2,166,408; July 18.
Silencer. P. Huber. 2,160,332; May 30.
Silencer. W. L. Manning. 2,144,725; Jan. 24.
Silencer. W. L. Manning. 2,166,417; July 18.
Silencer. H. Martin. 2,166,670; July 18.
Silencer for engines. H. Coanda. 2,173,549; Sept. 19.
Silencer for explosive engines. F. Newton. 2,169,658; Aug. 15.
Silencer for flushing tanks. G. H. Myrick. 2,180,310; Nov. 14.
Silencing device. R. L. Nash. 2,147,311; Feb. 14.
Silica, Manufacture of carburized. C. A. Jacobson. 2,156,591; May 2.
Silicate-containing products and processes of making. S. Quisling. 2,152,917; Apr. 4.
Silicate product and making the same. A. B. Cummins. 2,173,085; Sept. 19.
Siliceous materials, Beneficiating titanium-bearing. H. V. Alessandroni. 2,167,627; Aug. 1.
Siliceous product and making the same. A. B. Cummins and L. B. Miller. 2,164,500; July 4.
Silicon carbide abrasive product and manufacture. L. H. Milligan and R. H. Lombard. 2,158,034; May 9.
Silicon carbide and manufacture thereof. R. C. Benner, R. L. Melton, and J. A. Boyer. 2,178,773; Nov. 7.
Silicon carbide grains. Treating. A. A. Klein. 2,183,044; Dec. 12.
Silicon carbide product and making the same. O. Hutchins. 2,150,166; Mar. 14.
Silicon from its compounds, Obtaining. J. Eringer. 2,172,969; Sept. 12.
Silicon-iron alloy. W. Rohn and W. Hessenbruch. 2,173,312; Sept. 19.
Silicon-iron alloys, Manufacturing. W. Rohn and W. Hessenbruch. 2,144,200; Jan. 17.
Silicon steel sheet stock, Welding. E. Reed and K. F. Wietzel. 2,175,615; Oct. 10.
Silicious materials, Neutralizing the condition producing qualities of finely pulverized. J. J. Denny and W. D. Robson. 2,156,378; May 2.
Silk. T. B. Johnson. 2,171,241; Aug. 29.
Silk, Apparatus for making artificial. J. L. Hutchings. 2,182,540; Dec. 5.
Silk, Apparatus for the production of artificial. A. Wagner. 2,144,785; Jan. 24.
Silk, Artificial. H. Karplus. 2,166,741; July 18.
Silk, Artificial. R. Müller and A. Lübke. 2 143,205; Jan. 10.
Silk, Coloring acetate artificial. R. W. Hardacre, N. E. Holden, and C. Shaw. 2,165,257; July 11.
Silk fabric, Artificial. K. Brodersen and M. Quaedvlieg. 2,142,688; Jan. 3.
Silk from cuprammonium cellulose solutions, Process and apparatus for spinning artificial. K. Frowein, G. Bauriedel, and V. Elsaesser. 2,182,429; Dec. 5.
Silk, Lubrication of artificial. H. H. Xmray, Jr., and E. A. Robinson. 2,161,354; June 6.
Silk, Manufacture of artificial. J. H. Barnes. 2,147,514; Feb. 14.
Silk, Manufacture of artificial. O. Eishenhut, H. Rein, and E. Kaupp. 2,155,934; Apr. 25.
Silk, Manufacture of artificial. P. Esselmann. 2,145,004; Jan. 24.
Silk, Manufacture of artificial. H. Karplus. 2,166,739–40; July 18.
Silk, Manufacture of artificial. H. B. Kline and E. B. Helm. 2,143,883; Jan. 17.
Silk, Treatment of artificial. T. Koch. 2,176,402–3; Oct. 17.

Silk, Manufacture of artificial. E. Mengeringhausen and F. Berndt. 2,182,762; Dec. 5.
Silk, Manufacture of artificial A. J. L. Moritz. 2,155,324; Apr. 18.
Silk, Manufacture of artificial. J. J. Polak and J. G. Weeldenburg. 2,145,527; Jan. 31.
Silk, Manufacture of artificial. J. J. Polak and J. G. Weeldenburg. 2,179,195–6; Nov. 7.
Silk, Manufacture of artificial. W. Zetzsche, J. Giesen, and E. von Pongratz. 2,171,324; Aug. 29.
Silk, Method and apparatus for producing artificial. A. Hartmann and G. Bauriedel. 2,146,737; Feb. 14.
Silk packages, Treatment of artificial. D. Houtzaager. 2,155,312; Apr. 18.
Silk, Treatment of artificial. A. J. L. Moritz, W. J. D. van Dobbenburgh, A. E. Sunderland, and G. I. Thurmond. 2,172,516; Sept. 12.
Silk, Treatment of artificial. A. E. Sunderland. 2,164,479; July 4.
Sill and wall bracket, Combined. W. Fader and J. Schatman. 2,152,990; Apr. 4.
Sills construction for freight cars, Center. J. J. Tatum. 2,180,450; Nov. 21.
Silo. P. L. Jones. 2,175,468; Oct. 10.
Silo. W. C. Lutz. 2,182,728; Dec. 5.
Silver alloy. F. R. Hensel, K. L. Emmert, and J. W Wiggs. 2,161,574–5; June 6.
Silver base alloy. F. R. Hensel, K. L. Emmert, and J. W. Wiggs. 2,161,576; June 6.
Silver contact. F. R. Hensel and K. L. Emmert. 2,161,253; June 6.
Silver from argento-jarosite, Recovery of. R. R. Porter. 2,144,932; Jan. 24.
Silver from tarnishing, Composition for and method of preventing. P. Stoughton and R. F. Davis. 2,144,642; Jan. 24.
Silver halide and emulsions in color, Development of. G. Wilmanns and W. Schneider. 2,146,040; Feb. 7.
Silver halide emulsion for color photography. W. Schneider and A. Fröhlich. 2,179,244; Nov. 7.
Silver halide emulsions, Reversal development of light-sensitive. G. Wilmanns, W. Schneider, and R. Kethur. 2,159,466; May 23.
Silver halide emulsions, Sensitizing. W. Dieterle. 2,155,475; Apr. 25.
Silver halide emulsion, Sensitizing. W. Konig. 2,158,287; May 16.
Silver-magnesium contact. F. R. Hensel and K. L. Emmert. 2,161,254; June 6.
Silver plating process. B. Egeberg and N. Promisel. 2,176,668; Oct. 17.
Single-dose tube. H. F. Temple. 2,146,921; Feb. 14.
Single-line feeder, Reversible. D. R. Hillis. 2,168,936; Aug. 8.
Single use tube. E. H. Barker. 2,157,646; May 9.
Single head meter. M. M. Borden. 2,153,450; Apr. 4.
Sink. H. G. Coordes. 2,157,785; May 9.
Sink and garbage can, Combined. J. H. Cather. 2,172,188; Sept. 5.
Sink and table assembly. H. G. Coordes. 2,157,786; May 9.
Sink cabinet. W. Marshall. 2,146,969; Feb. 14.
Sink, Kitchen. T. Westenkirchner. 2,151,818; Mar. 28.
Sink trap, Visible sanitary. A. B. Barwick. 2,166,279; July 18.
Sinker having weight changing means, Releasable. W. E. Smith. 2,177,007; Oct. 24.
Sintered hard metal alloy. W. Dawihl and K. Schröter. 2,169,090; Aug. 8.
Sintered product, Production of a. H. Wendeborn. 2,165,084; July 4.
Sintered products. Production of. H. Wendeborn. 2,152,718; Apr. 4.
Sintering. E. J. Bruderlin. 2,178,366; Oct. 31.
Siphon apparatus. K. S. Smith and E. V. Casburn. 2,184,025; Dec. 19.
Siphon, Arch supporting. C. G. Hawley. 2,148,121; Feb. 21.
Siphon breaker. E. C. Wilson. 2,153,904; Apr. 11.
Siphon-breaking device. J. Podolsky. 2,164,622; July 4.
Siphon, Condensate. L. D. Goff and R. O. Monroe. 2,166,245; July 18.
Siphon-discharge apparatus. M. Kolarik. 2,152,062; Mar. 28.
Siphon fitting for pressure gauges. A. D. Rose. 2,173,287; Sept. 19.
Siphon flushing apparatus, Antiback. F. B. Charrion. 2,170,321; Aug. 22.
Siphon for aerated liquids. W. Brewer. 2,170,705; Aug. 22.
Siphon gauge, Internal. E. H. Bayha. 2,177,200; Oct. 24.
Siphon head. L. D. Soubier. 2,183,229; Dec. 12.
Siphon, Thermic. E. J. Reardon. 2,151,441; Mar. 21.
Siphon weir, Movable. P. Cicin. 2,172,697; Sept. 12.
Siphonage preventer for plumbing systems. R. R. Fox. 2,159,691–2; May 23.
Siren. O. I. H. Ekman. 2,174,125; Sept. 26.
Siren. W. W. Scott. 2,172,413; Sept. 12.
Sirup product and producing the same, Dried corn. R. S. Fleming, F. D. Parker and W. G. Hawley. 2,149,517; Mar. 7.
Sirup, Stabilized sugar. D. V. Wadsworth and L. Wickenden. 2,183,597; Dec. 19.

Sirups, Manufacture of. L. Stein, J. F. Walsh, and H. C. Needle. 2,179,203; Nov. 7.
Sisal and fiber cutting apparatus. P. E. Erickson. 2,143,123; Jan. 10.
Six wheeled vehicle. B. A. Mosling and C. E. Sartwell. 2,156,601; May 2.
Size, Dry. A. C. Dreshfield. 2,168,399; Aug. 8.
Size-reducing apparatus. R. S. Butler. 2,168,084; Aug. 1.
Size-reducing mill. C. F. Osgood. 2,168,092–3; Aug. 1.
Size reduction, Method and apparatus for. L. A. Maxson. 2,171,515; Aug. 29.
Sizer, Fruit. F. Stebler. 2,180,559; Nov. 21.
Sizing apparatus. G. P. Marsden. 2,174,798; Oct. 3.
Sizing device. H. E. Balsiger. 2,184,090; Dec. 19.
Sizing porous metal bearings. J. A. Lignian. 2,168,227; Aug. 1.
Skate. G. S. Chiles. 2,165,996; July 11.
Skate. L. Dewan and J. Bartho. 2,148,417; Feb. 21.
Skate. H. Dornseif. 2,150,964; Mar. 21.
Skate. A. H. Gurleay. 2,173,716; Sept. 19.
Skate and making same. A. Hirschman. 2,179,852; Nov. 14.
Skate, Coasting. R. H. Zier. 2,152,011; Mar. 28.
Skate, Convertible. H. W. English. 2,148,687; Feb. 28.
Skate for hockey, Roller. J. N. Burton. 2,145,219; Jan. 24.
Skate, Ice. C. I. Johnson. 2,178,424; Oct. 31.
Skate, Roller. J. Barbato. 2,150,814; Mar. 14.
Skate, Roller. C. B. Ecton. 2,164,805; July 4.
Skate, Roller. W. H. Edstrom. 2,168,820; Aug. 8.
Skate, Roller. J. H. Lee, Jr., and R. L. Willis. 2,180,062; Nov. 14.
Skate, Roller. F. R. Maguire. 2,174,990; Oct. 3.
Skate, Roller. H. Pétermann. 2,166,767; July 18.
Skate, roller. S. Segal. 2,170,162; Aug. 22.
Skate, Roller. A. H. Shoemaker. 2,162,128; June 13.
Skate, Roller. J. R. Wren and J. Bartho. 2,148,418; Feb. 21.
Skate shoe, Walking. M. Smoker. 2,147,933; Feb. 21.
Skate, Track. E. M. Wilcox. 2,170,523; Aug. 22.
Skate walking appliance, Ice. C. C. Colbert. 2,155,472; Apr. 25.
Skating pond spray, Manifold cooled. H. Masbruch. 2,159,508; May 23.
Skating surface, Synthetic. A. S. MacBride. 2,179,664; Nov. 14.
Skein lacing. D. F. Evans. 2,167,546; July 25.
Skeining device. W. B. Roe and P. R. Stewart. 2,145,609; Jan. 31.
Ski. L. G. Currier. 2,143,545; Jan. 10.
Ski. L. G. Currier. 2,157,325; May 9.
Ski. L. Sahy. 2,142,459; Jan. 3.
Ski. C. L. Whiteford. 2,164,604; July 4.
Ski and making the same. T. K. Broome. 2,184,791; Dec. 26.
Skis and the like, Foot attachment for. C. T. Hill. 2,165,547; July 11.
Ski attachment. S. Weber. 2,158,599; May 16.
Ski binding. V. Z. Reed, Jr. 2,176,226; Oct. 17.
Ski brake. E. W. Burgett. 2,159,130; May 23.
Ski climber. C. R. Dawson. 2,149,585; Mar. 7.
Ski clip. J. W. Kelley. 2,173,846; Sept. 26.
Ski, Combination metal-wood. D. B. Hunt. 2,158,325; May 16.
Ski creeper. B. Held and A. Shayne. 2,162,888; June 20.
Ski pole. O. F. C. Riede. 2,144,688; Jan. 24.
Ski protector. A. Lorinovich. 2,180,686; Nov. 21.
Ski, Snow. W. F. Westphal. 2,154,019; Apr. 11.
Ski towing apparatus. M. Paquette. 2,181,519; Nov. 28.
Ski tramway, Aerial. G. H. Bannerman, J. M. Curran, and G. H. Trout. 2,152,235; Mar. 28.
Ski, Water. R. H. Schaupp. 2,153,939; Apr. 11.
Skid preventing device. F. Messina. 2,147,451; Feb. 14.
Skiing figure. C. D. McIntyre. 2,183,144; Dec. 12.
Skiing surface. T. Castberg. 2,161,799; June 13.
Skimmer. H. Lewy. 2,143,782; Jan. 10.
Skimmer, Beer. W. A. Porter, Jr. 2,148,876; Feb. 28.
Skimming device for glass tanks or furnaces. T. F. Pearson. 2,180,767; Nov. 21.
Skins, Apparatus and method for treating animal. L. J. Strobino. 2,180,562; Nov. 21.
Skins, hides, and pelts, Treating. E. E. Ochs. 2,147,542; Feb. 14.
Skins, Treating fur. L. N. Messing and R. E. Naumburg. 2,151,930; Mar. 28.
Skirt. A. Thorner and H. J. Perahia. 2,149,128; Feb. 28.
Skirt length cutting device. A. J. Rubin. 2,155,241; Apr. 18.
Skirt, Maternity. E. H. Glover. 2,157,932; May 9.
Skiving machine. H. E. Armstrong. 2,159,001; May 23.
Skiving machine. F. W. Backus. 2,153,608; Apr. 11.
Skiving machine. L. J. Bazzoni. 2,166,280; July 18.
Skiving machine. N. V. Dyer. 2,154,563; Apr. 18.
Skiving, Method of and machine for. H. Lyon. 2,166,960; July 25.
Sky writing device. R. Connor. 2,156,010; Apr. 25.
Skylight construction. A. Ratner and M. E. Anderson. 2,160,901; June 6.
Skylight or floorlight construction. J. M. Richards. 2,182,971; Dec. 12.
Skyrocket. L. Holcomb. 2,149,845; Mar. 7.
Slab construction, Concrete. C. W. Akers. 2,154,390; Apr. 11.

Slab joint. S. Klein. 2,181,623; Nov. 28.
Slab, Precast building. D. J. Hurley. 2,154,619; Apr. 18.
Slabs, Making reinforced hollow. W. H. Cobi. 2,153,741; Apr. 11.
Slack adjuster. W. H. Bryant. 2,169,137; Aug. 8.
Slack adjuster. J. W. Clark. 2,177,450–1; Oct. 24.
Slack adjuster. C. C. Farmer. 2,163,396; June 20.
Slack adjuster. H. K. Harwick and H. I. Tramblie. 2,155,012; Apr. 18.
Slack adjuster. W. Helsten. 2,167,610; July 25.
Slack adjuster. O. Rasmussen and R. C. Rike. 2,175,446; Oct. 10.
Slack adjuster. H. C. Smith. 2,179,564; Nov. 14.
Slack adjuster, Automatic. A. G. Kershaw and K. H. Leech. 2,152,806; Apr. 4.
Slack adjuster for brakes, Double-acting automatic. B. H. Browall. 2,167,562; July 25.
Slacks and trousers, Appliance for drying, finishing, and stretching the legs of. S. V. May. 2,147,747; Feb. 21.
Slag or cinder pockets of open hearth heating furnaces, Cleaning out. W. C. Cavanagh. 2,151,264; Mar. 21.
Slag, Treatment of. C. W. Schott. 2,149,688; Mar. 7.
Slasher. E. A. Stienen. 2,177,541; Oct. 24.
Slasher. E. K. Whitener and T. F. Suggs. 2,142,544; Jan. 3.
Slat for Venetian blinds, Metal. G. A. Grassby, Jr. 2,146,816; Feb. 14.
Slat protector, Binder canvas. L. Beckman. 2,178,388; Oct. 31.
Slat, Venetian blind. W. D. Clark, Jr. 2,169,873; Aug. 15.
Sled. J. H. Anderson. 2,152,013; Mar. 28
Sled. H. R. Berndt. 2,176,783; Oct. 17.
Sled. J. M. Bowen and F. G. Birkhead. 2,183,638; Dec. 19.
Sled. G. E. and H. W. Burgeson and V. C. Wicklund. 2,181,391; Nov. 28.
Sled. W. Eberhardt. 2,175,594; Oct. 10.
Sled. F. A. Vastano and J. Otten. 2,162,039; June 13.
Sled brake, Universal. H. F. Heffner and L. L. De Turk. 2,160,502; May 30.
Sled, Coaster. J. M. Forbes. 2,175,628; Oct. 10.
Sled, Hand. W. E. Kidder. 2,155,714; Apr. 25.
Sled, Hand coaster. C. H. Maneval. 2,150,558; Mar. 14.
Sled knee. O. B. McNees. 2,157,962; May 9.
Sleeper for railways, tramways, and the like of cement-asbestos with metallic reinforcements. A. Mazza. 2,169,704; Aug. 15.
Sleeping bag. N. E. Phillips and P. K. Faerber. 2,179,424; Nov. 7.
Sleeping car. E. J. W. Ragsdale and J. F. Clary. 2,156,229; Apr. 25.
Sleeping car, Double deck. T. W. Demarest. 2,143,827; Jan. 10.
Sleeve, Berry picking. J. J. Koleno. 2,150,069; Mar. 7.
Sleeve for nails, Spacing. F. C. Johnson. 2,171,877; Sept. 5.
Sleeve for pipe lines, Repair. W. J. Mills. 2,173,399; Sept. 19.
Sleeve for robes and the like, Adjustable. A. L. Bellone. 2,148,851; Feb. 28.
Sleeve for shirts, Attachable. G. O. Pearson. 2,147,054; Feb. 14.
Sleeve lengthening means. C. A. Woelfel, Sr. 2,177,587; Oct. 24.
Sleeve, Raincoat. B. B. Spatz. 2,166,328; July 18.
Sleeve valve engine. M. J.-B. Barbarou. 2,179,706; Nov. 14.
Sleeve valve engine. W. D. Tipton. 2,158,442; May 16.
Sleeve, Wire connecting. D. P. Dickie and H. H. Wheeler. 2,149,209; Feb. 28.
Slice separator for knives. G. Potstada. 2,178,267; Oct. 31.
Slicer. F. B. Pedersen. 2,149, 981; Mar. 7.
Slicer and French fried potato cutter, Vegetable. E. J. Montague. 2,179,050; Nov. 7.
Slicer, Bread. L. Ferenci. 2,167,108; July 25.
Slicer, Butter. A. Lowenfels. 2,152,198; Mar. 28.
Slicer, Corn. E. E. Burkhart. 2,173,751; Sept. 19.
Slicer, Food. W. K. Youngberg. 2,144,557; Jan. 17.
Slicer, Rotary. M. F. Kelley. 2,146,074; Feb. 7.
Slicing. C. W. Savery. 2,178,920; Nov. 7.
Slicing and shelling machine, Combination. L. Skliris. 2,161,237; June 6.
Slicing and weighing machine. J. C. Gualdoni. 2,165,047; July 4.
Slicing and wrapping machine, Combination bread. H. B. Tuthill and H. F. Caldwell. 2,170,312; Aug. 22.
Slicing device. A. W. Rieck, C. F. Chapman, and K. Wambach. 2,158,667; May 16.
Slicing machine. A. H. Ahrndt. 2,168,612; Aug. 8.
Slicing machine. A. H. Ahrndt. 2,177,470; Oct. 24.
Slicing machine. W. J. Campbell. 2,177,474–5; Oct. 24.
Slicing machine. H. J. Criner. 2,167,939; Aug. 1.
Slicing machine. J. J. Lamere and F. A. Perry. 2,173,336; Sept. 19.
Slicing machine. C. J. Shlevin. 2,182,708; Dec. 5.
Slicing machine. J. Swofford. 2,166,648; July 18.
Slicing machine. W. A. van Berkel. 2,167,095; July 25.
Slicing machine. J. J. Waage. 2,167,015; July 25.
Slicing machine, Band blade. W. W. Hartman. 2,143,242; Jan. 10.
Slicing machine, Multiple band blade. W. W. Hartman. 2,179,659; Nov. 14.
Slidable fastener. H. London. 2,154,687; Apr. 18.
Slide and guide support for seat structure. L. S. Whedon, A. A. Grinnell, and R. E. Rousseau. 2,149,946; Mar. 7.
Slide cartridge for pencils and the like. G. S. Collins. 2,146,564; Feb. 7.
Slide, caster, or the like for furniture. W. F. Herold. 2,155,829; Apr. 25.
Slide-cover container. F. W. Nitardy. 2,164,832; July 4.
Slide fastener. H. L. Kannor. 2,160,364; May 30.
Slide fastener. B. Klein. 2,175,198; Oct. 10.
Slide fastener. M. Lange. 2,177,344; Oct. 24.
Slide fastener. D. Silberman. 2,163,413; June 20.
Slide fastener. H. E. Sipe. 2,184,625; Dec. 26.
Slide fastener, Double acting. M. Cerqua. 2,177,559; Oct. 24.
Slide fastener lock. H. C. Parker. 2,183,103; Dec. 12.
Slide for cotton feeders, Adjustable discharge. W. L. Steinhauer. 2,168,500; Aug. 8.
Slide for separable fasteners. A. L. Hyde. 2,174,002; Sept. 26.
Slide for slide fasteners. J. B. Mucci, A. F. Sico, and T. Iapicca. 2,181,625; Nov. 28.
Slide gauge. R. Wolter. 2,170,582; Aug. 22.
Slide or guide, Drawer. M. H. Harmon. 2,142,897; Jan. 3.
Slide, slide locking device and the like, particularly for seats of vehicles. A. W. Chapman. 2,147,523; Feb. 14.
Slide, Stereopticon. S. Dashkin. 2,154,890; Apr. 18.
Slider. W. A. Behrens. 2,160,819; June 6.
Slider. J. M. Gross. 2,171,335; Aug. 29.
Slider. B. P. Lawson. 2,160,879; June 6.
Slider, Automatic lock. L. H. Morin and D. Marinsky. 2,172,217; Sept. 5.
Slider for hookless fasteners. J. P. Roadfuss. 2,171,455; Aug. 29.
Slider for separable fasteners. J. Brozek. 2,178,948; Nov. 7.
Slider for separable fasteners. D. Marinsky and L. H. Morin. 2,160,160; May 30.
Slider for separable fasteners, Automatic locking. D. Marinsky. 2,172,214; Sept. 5.
Slider for slide fasteners. A. E. Carlile. 2,147,571; Feb. 14.
Slider for slide fasteners. N. J. Poux. 2,166,905; July 18.
Slider for slide fasteners, Locking. O. Killmer. 2,159,387; May 23.
Slider lock. A. E. Carlile. 2,166,581; July 18.
Slider, Noncrushing. L. H. Morin. 2,164,937; July 4.
Slider, Separable fastener. J. Brozek. 2,178,949; Nov. 7.
Slider, Thermoplastic. D. Marinsky. 2,181,142; Nov. 28.
Slideway for wheel carriages of gear-grinding machines. A. Stephan. 2,168,275; Aug. 1.
Sliding clasp fastener. J. H. Kohler. 2,180,928; Nov. 21.
Sliding clasp fastener. J. Kuna. 2,157,828; May 9.
Sliding clasp fastener. F. Rafael. 2,157,084; May 2.
Sliding door. W. Abendroth. 2,173,194; Sept. 19.
Sliding door. D. R. Nichols. 2,170,870; Aug. 29.
Sliding door mounting, Showcase. A. Vanderveld. 2,149,644; Mar. 7.
Sliding fastener. E. G. Wied. 2,142,770; Jan. 3.
Sliding groove lock. J. H. Arkus. 2,157,316; May 9.
Sling. J. M. Garris. 2,142,641–3; Jan. 3.
Slip. H. Allen. 2,184,231; Dec. 19.
Slip. R. L. Fluellen. 2,156,384; May 2.
Slip. G. B. Gordy, Jr. 2,143,849; Jan. 17.
Slip. J. G. Howland. 2,153,836; Apr. 11.
Slip. M. C. Schrank. 2,143,718; Jan. 10.
Slip. F. H. Spalink. 2,172,826; Sept. 12.
Slip assembly. J. D. Nixon. 2,153,770; Apr. 11.
Slip-cover fastener. D. I. Reiter. 2,158,152; May 16.
Slip cover for paper bodied containers. W. L. Rutkowski. 2,155,022; Apr. 18.
Slip deaerator. D. Brown. 2,183,763; Dec. 19.
Slip, Drill. W. A. Abegg. 2,143,615; Jan. 10.
Slip handle. D. L. Driscoll. 2,174,103; Sept. 26.
Slip-sheet apparatus. A. Potdevin. 2,158,552; May 16.
Slip-sinker. W. D. Minser. 2,183,818; Dec. 19.
Slipper. E. J. Schreck. 2,160,756; May 30.
Slipper and making the same. A. Iwan. 2,177,321; Oct. 24.
Slipper, Bathtub. C. J. Jesnig. 2,179,124; Nov. 7.
Slippers, Making. W. Rosenberg. 2,145,635; Jan. 31.
Slips for oil well tools, Producing. C. E. Burt. 2,153,035; Apr. 4.
Slitting tool. W. T. Pritchard. 2,144,851; Jan. 24.
Sliver, Production of. L. Schlipp and M. Boettle. 2,181,535; Nov. 28.
Sliver balling machine and yarn and the like winding machines. G. S. Fraser. 2,155,041; Apr. 18.
Slivers for use in padding, Making. J. A. Hunt. 2,159,992; May 30.
Slivers from textile fibers, Production of. T. W. Holt and J. B. Butler. 2,155,598; Apr. 25.
Slots, splines and the like, Forming. E. G. Boyer. 2,147,363; Feb. 14.
Slow break switch. R. F. Sambleson. 2,153,396; Apr. 4.
Slub catcher. R. V. Olson. 2,172,566; Sept. 12.
Slub catcher or yarn cleaner. H. W. Hitchcock. 2,155,900; Apr. 25.
Sludge apparatus, Activated. J. D. Walker. 2,172,646; Sept. 12.

Sludge ejector, Septic tank. D. H. Buckley. 2,173,932; Sept. 26.
Sludge, Process and apparatus for thickening. J. R. Downes and T. R. Komline. 2,174,873; Oct. 3.
Sludge pump. C. B. Schneible. 2,144,417; Jan. 17.
Sludges, Treatment of. D. M. Carr and W. S. Pilcher. 2,179,919; Nov. 14.
Slug-casting apparatus. F. L. Arnold. 2,174,714; Oct. 3.
Slug casting machine. W. B. Ankarstran. 2,163,823; June 27.
Slug casting machine. A. M. Bramblett. 2,170,005; Aug. 22.
Slug-casting machine. G. P. Kingsbury. 2,159,274; May 23.
Slug-casting machine. R. R. Mead. 2,166,170; July 18.
Slug casting machine. W. L. Petersen. 2,163,848; June 27.
Slug casting machine. E. H. Woodhall. 2,178,318; Oct. 31.
Slug casting machine, Typographical. C. A. Albrecht and H. Brandenburg. 2,163,821–2; June 27.
Slug casting machine, Typographical. J. E. Billington and R. H. Scott. 2,153,912; Apr. 11.
Slug ejecting mechanism for typographical slug casting machines. C. A. Albrecht and P. Sckrabei. 2,178,295; Oct. 31.
Slug feeding mechanism for tube extruding presses. G. W. Temple. 2,180,313; Nov. 14.
Slug handling and treating mechanism. J. H. Fridén. 2,166,209; July 18.
Slug, Page tie-up. L. A. Costigan. 2,163,024; June 20.
Slugging machine. H. E. Elliott. 2,161,858; June 13.
Sluice, Floating. W. A. Whitcomb. 2,156,713; May 2.
Sluice gate, Shell type. C. Jimenez Lopez. 2,168,825; Aug. 8.
Smell elimination in rubber products. L. S. Cooper. 2,179,494; Nov. 14.
Smelting and refining process. R. Rodrian. 2,147.672; Feb. 21.
Smelting furnace, High frequency. F. Hartmann. 2,184,741; Dec. 26.
Smocking, Elastic. J. L. Selinger. 2,142,336; Jan. 3.
Smoke and industrial fumes, Incineration of. J. Jares. 2,177,258; Oct. 24.
Smoke box arrangement. W. F. Kiesel, Jr. 2,163,690; June 27.
Smoke condenser and cooler. C. Gobel. 2,146,256; Feb. 7.
Smoke conditioner for tobacco pipes. G. W. Webb. 2,149,648; Mar. 7.
Smoke destroyer. A. Sutkowski. 2,150,614; Mar. 14.
Smokehouse, Air conditioned. A. S. Kellner. 2,165,057; July 4.
Smokestack air heater. M. B. Powell. 2,174,448; Sept. 26.
Smoker's accessory. R. B. Fageol. 2,183,425; Dec. 12.
Smoker's appliance. G. F. Weiher. 2,159,190; May 23.
Smoker's dry-pipe pin. R. G. Kaufman. 2,168,410; Aug. 8.
Smoker's pipe. E. R. Schwinn. 2,176,315; Oct. 17.
Smoker's stand. J. F. Vonick. 2,158,806; May 16.
Smoking device. H. D. Bellin. 2,146.613; Feb. 7.
Smoking device. G. Cippico. 2,158,897; May 16.
Smoking device. C. D. Dye. 2,159.018; May 23.
Smoking device. E. Grabbe. 2,176,627; Oct. 17.
Smoking pipe. D. W. Alpha and E. A. Shepherd. 2,155,780; Apr. 25.
Smoking pipe. M. Beaudry. 2,164,982; July 4.
Smoking pipe. W. B. Bush. 2,150.049; Mar. 7.
Smoking pipe. S. La Franca. 2,167,242; July 25.
Smoking pipe. S. F. Kaufmann. 2,149,055; Feb. 28.
Smoking pipe. A. B. Modine. 2,166,172; July 18.
Smoking pipe. M. Schnaier. 2,144.393; Jan. 17.
Smoking pipe. M. Schnaier. 2,170,430; Aug. 22.
Smoking pipe. M. Schnaier. 2,183.658; Dec. 19.
Smoking pipe. G. M. Thomson. 2,175.040; Oct. 3.
Smoking tube. E. Bruder. 2,162,500; June 13.
Smoothness gauge. R. A. Powers. 2,171,433; Aug. 29.
Snap-action device. G. A. Nelson. 2,179,099; Nov. 7.
Snap fastener. H. V. Rau. 2,170,216; Aug. 22.
Snap fastener. H. W. Richardson. 2,183,085; Dec. 12.
Snap fastener member. W. I. Jones. 2,164.014; June 27.
Snap fastener stud. R. O. Chaffee. 2,184,250; Dec. 19.
Snap fastener stud. G. Johnson. 2,144,882; Jan. 24.
Snap for sample ophthalmic mountings. E. B. Gatten. 2,177,035; Oct. 24.
Snap, Garment. T. Stanchfield. 2,162,275; June 13.
Snap hook. F. J. Braconi. 2,173,750; Sept. 19.
Snap-out pack. E. Z. Lewis. 2,164,298; June 27.
Snap switch. J. M. Coffeen. 2,174,868; Oct. 3.
Snap switch. M. W. Eaton. 2,170,748; Aug. 22.
Snap switch. A. L. Riche. 2,170,767; Aug. 22.
Snare, Fish. J. K. Crzybowski. 2,146,817; Feb. 14.
Snare, Minnow. S. J. Fuiks. 2,184,073; Dec. 19.
Snatch block. W. G. Bentley. 2,164,894; July 4.
Snatch block. L. P. Hacker. 2,162,080; June 13.
Snout puller. O. C. Schmidt. 2,181,536; Nov. 28.
Snow annihilating machine. B. Roman. 2,174,842; Oct. 3.
Snow plow. J. E. Clay. 2,171,056; Aug. 29.
Snow plow. F. Coates. 2,166.424; July 18.
Snow plow. A. R. Henry and M. C. Wills. 2,163,279; June 20.
Snow plow. C. B. Jensen. 2,143.699; Jan. 10.
Snow plow. L. J. Litchy. 2,160,972; June 6.
Snow plow, Rotary. B. R. Watkins. 2,166,667; July 18.
Snow removal apparatus. F. J. Robarge. 2,175,542; Oct. 10.
Snow removal machine. J. J. Marino. 2,178,400; Oct. 31.
Snow-removing device. J. Gehl. 2,168,866; Aug. 8.
Snow removing mechanism. W. E. Klauer. 2,144,311; Jan. 17.
Snubber, Backlash. D. H. Kyle. 2,144,984; Jan. 24.
Snubber, Load responsive recoil. E. G. Goodwin. 2,180,900; Nov. 21.
Soaking machine. J. E. Johnson and H. Frey. 2,168,479; Aug. 8.
Soaking pit cover, Suspended. L. S. Longenecker. 2,178,668; Nov. 7.
Soap. R. F. Heald. 2,162,255; June 13.
Soap and making the same, Alkaline earth metal. F. A. Stresen-Reuter and C. Rimpila. 2,175,490; Oct. 10.
Soap and making the same, Water-insoluble metal. F. A. Stresen-Reuter and C. Rimpila. 2,175,489; Oct. 10.
Soap and making the same, Water-insoluble. F. A. Stresen-Reuter and C. Rimpila. 2,175,491; Oct. 10.
Soap and product, Making. B. H. Thurman. 2,142,983; Jan. 3.
Soap and removing glycerine therefrom, Making. B. H. Thurman. 2,142,982; Jan. 3.
Soap and the like, Apparatus for making. B. Clayton. 2,178,988; Nov. 7.
Soap cakes, Making. R. A. Jones. 2,179,853; Nov. 14.
Soap composition. H. M. Cranor. 2,177,055; Oct. 24.
Soap feeder. O. C. Schlack. 2,174,729; Oct. 3.
Soap, Fungicidal. S. M. Corbett. 2,160,834; June 6.
Soap holder. C. Graham. 2,156.940; May 2.
Soap holder. M. Margolith. 2,153,840; Apr. 11.
Soap, Making. B. Clayton. 2,178,987; Nov. 7.
Soap, Manufacture of. J. A. Schwantes. 2,146,770; Feb. 14.
Soap, Manufacturing. C. Leyst-Küchenmeister. 2,158.663; May 16.
Soap, Nondiscoloring, liquid antiseptic. L. J. Figg, Jr., and E. E. Shaulis. 2,153,143; Apr. 4.
Soap package. J. H. Jorling. 2,163,228; June 20.
Soap, Process of and apparatus for making. B. H. Thurman. 2,146,661; Feb. 7.
Soap product and the manufacture thereof. W. H. Burkhart and E. T. Marceau. 2,152,788; Apr. 4.
Soap receptacle. E. Y. Guthmann. 2,175,753; Oct. 10.
Soap, Superfatted. W. Schrauth. 2,157,022; May 2.
Sock. N. Cohn. 2,157,399; May 9.
Sock for footwear, Elastic. A. Fisch. 2,146,888; Feb. 14.
Sock lining, Cushioned. B. J. Silver. 2,147,466; Feb. 14.
Socket. J. D. Ceader. 2,158,851; May 16.
Socket. W. K. Henning. Re. 21,247; Oct. 24.
Socket. R. G. Phelps. 2,158,862; May 16.
Socket, Adjustable lamp. L. W. Reis. 2,149,549; Mar. 7.
Socket and electric bulb base, Electric. J. Marszalski. 2,172,086; Sept. 5.
Socket and installation thereof, Snap fastener. E. E. Jones. 2,166.894; July 18.
Socket and lamp socket installation, Lamp. S. M. Del Camp. 2,177,593; Oct. 24.
Socket and plug connector, Electric lamp. K. Perkins. 2,148,875; Feb. 28.
Socket assembly, Lamp. H. A. Laystrom. 2,175,844; Oct. 10.
Socket, Bus. T. MacTwiggan. 2,151,433; Mar. 21.
Socket, Caster. C. B. and W. H. Noelting. 2,169,882; Aug. 15.
Socket device, Lamp. H. J. Murphy. 2,169,964; Aug. 15.
Socket device, Lamp. C. A. Woodward. 2,167,270; July 25.
Socket, Electric. G. B. Benander. 2,158,848; May 16.
Socket, Electric. G. B. Benander. 2,169,868; Aug. 15.
Socket, Electric. J. R. Brockman. 2,175,245; Oct. 10.
Socket, Electric. J. D. Ceader. 2,158,852; May 16.
Socket, Electric. C. V. Dame. 2,146,011; Feb. 7.
Socket, Electric lamp. B. F. Muldoon and O. C. Britsch. 2,154,247; Apr. 11.
Socket, Electric light. A. Wolf. 2,183,377; Dec. 12.
Socket, Electric output. T. E. Raymond. 2,179,197; Nov. 7.
Socket for electric plug couplings, Spring. G. Wagstaff. 2,166.897; July 18.
Socket for multilight incandescent electric lamps, Adapter. G. Herzberg and A. F. Bahlke. 2,143,150; Jan. 10.
Socket, Fuse. J. C. Cowing. 2,166,985; July 25.
Socket, Lamp. W. G. Darley. 2,153,366; Apr. 4.
Socket, Lamp. E. E. Folsom. 2,152,471; Mar. 28.
Socket, Lamp. F. C. De Reamer. 2,145,787; Jan. 31.
Socket, Lamp. F. C. De Reamer. 2,153,368; Apr. 4.
Socket, Lamp. F. C. De Reamer. 2,155,240; Apr. 18.
Socket member. H. R. C. Anthony. 2,175,768; Oct. 10.
Socket member for a wireless cigar lighter. J. Sinko. 2,165,876; July 11.
Socket, Radio. A. J. Schmitt. 2,161,487; June 6.
Socket-shank structure. J. Verderber. 2,167,014; July 25.
Socket switch. J. L. Nemeth. 2,179,797; Nov. 14.
Socket, Vacuum tube. A. W. Barber. 2,144.009; Jan. 17.
Sockets, Making snap fastener. D. I. Reiter. 2,178,918; Nov. 7.
Sod cutter. R. Q. Kirkpatrick. 2,164,246; June 27.

Soda in conjunction with the ammonia-soda process, Production of a pure caustic. J. C. Garrels and H. Roderick. 2,180,755; Nov. 21.
Soda, Manufacture of caustic. H. Lawarree. 2,167,404; July 25.
Soda, Purifying caustic. I. E. Muskat and W. F. Waldeck. 2,178,694; Nov. 7.
Sodamide, Production of finely divided. C. O. Miller and R. G. Roberts. 2,163,100; June 20.
Sodium aluminate, Making. R. L. Davies. 2,159,843; May 23.
Sodium aluminate, Manufacture of. W. S. Wilson and A. J. Lobdell, Jr. 2,165,187; July 4.
Sodium aluminum sulphate substantially fluorine free, Preparing. D. Lurie. 2,152,597; Mar. 28.
Sodium carbonate products, Making. G. A. Keep and E. E. Todd. 2,161,711; June 6.
Sodium carbonate solution, Purifying. N. C. Hill and C. D. Shannon. 2,143,069; Jan. 10.
Sodium chlorate and sodium chlorite and the separation thereof, Preparation of. G. L. Cunningham. 2,169,066; Aug. 8.
Sodium chloride, Treating and purifying. L. B. Carrizo. 2,144,328; Jan. 17.
Sodium chromates, Making. M. J. Udy. 2,176,685; Oct. 17.
Sodium citrate di-hydrate, Manufacture of. H. H. Holton. 2,159,155; May 23.
Sodium hydrosulphide, Manufacture of. J. Schneider. 2,154,917; Apr. 18.
Sodium hydroxide, Purifying. E. C. Hughes. 2,148,470; Feb. 28.
Sodium lactate and method of manufacture. J. F. Walsh. 2,143,362; Jan. 10.
Sodium lactate, Making a purified. W. L. Morgan and A. H. Goodman. 2,143,361; Jan. 10.
Sodium perborate, Preventing the caking of. J. S. Reichert and H. L. Potter. 2,159,999; May 30.
Sodium salt of Lithol red as a dry toner. H. H. Reich. 2,174,501; Sept. 26.
Sodium sesquisilicate and mixtures including the same and method of manufacturing. C. L. Baker. 2,145,749; Jan. 31.
Sodium sulphate and the like, Apparatus for recovering anhydrous. H. W. Doennecke, E. W. Douglass, and C. O. Anderson. 2,159,759; May 23.
Sodium tetraborate from borate ores, Recovering. P. Malozemoff. M. W. MacAfee, and M. W. Kirk. 2,184,558; Dec. 26.
Sodium tetrasilicate, Manufacture of hydrated. W. F. Wegst and J. H. Wills. 2,179,806; Nov. 14.
Sofa, table, and chair, Combination. A. Olsen. 2,163,349; June 20.
Solar heater. F. M. Kiser. 2,167,576; July 25.
Softening agent. L. B. Arnold, Jr. 2,180,133; Nov. 14.
Softening agent. H. A. Lubs and L. B. Arnold, Jr. 2,183,721; Dec. 19.
Soil, Blasting moory. A. Edelhoff. 2,169,724; Aug. 15.
Soil conservation device. L. W. Pepper. 2,178,863; Nov. 7.
Soil erosion, Preventing. F. M. Waring. 2,143,461; Jan. 10.
Soil moistening device. H. Meissl. 2,183,970; Dec. 19.
Soil moving machine, Automatic reversible. E. V. Collins. 2,153,824; Apr. 11.
Soil tilling device. W. E. Wiesenthal. 2,146,492; Feb. 7.
Soil, waste, and vent unit, Combined. W. C. Groeniger. 2,183,040; Dec. 12.
Soils, Solidifying. J. van Hulst and G. H. van Leeuwen. 2,158,025; May 9.
Solar heater. S. A. and W. F. Courtis. 2,182,222; Dec. 5.
Solarium for auto trailers and the like. S. C. Tesmer. 2,183,111; Dec. 12.
Solder. G. Purkardhofer and G. Battilana. 2,167,678; Aug. 1.
Solder bonding on coated metal surfaces, Process and flux for. N. J. Beno. 2,160,195; May 30.
Solder, Brazing. F. R. Hensel and E. I. Larsen. 2,142,673; Jan. 3.
Solder, Hard. R. Schulze. 2,149,103; Feb. 28.
Soldering. P. W. Noble and A. R. Powell. 2,169,659; Aug. 15.
Soldering agent. W. Hagemann. 2,155,307; Apr. 18.
Soldering agent. F. Köhler, E. Rouette, and W. Standop. 2,172,979; Sept. 12.
Soldering device. E. Burrell. 2,146,393; Feb. 7.
Soldering device, Electric. L. H. Moulthrop. 2,159,041; May 23.
Soldering iron. S. S. Albert. 2,175,100; Oct. 3.
Soldering iron. F. Kuhn and L. H. Thomas. 2,167,389; July 25.
Soldering iron. J. Shimps, Jr. 2,178,814; Nov. 7.
Soldering iron. L. H. Thomas and F. Kuhn. 2,159,869; May 23.
Soldering iron, Electric. D. Williams. 2,142,340; Jan. 3.
Soldering iron, Electrical. R. L. Schleif. 2,146,854; Feb. 14.
Soldering iron, Electrical fountain pen. H. R. Tharp. 2,173,380; Sept. 19.
Soldering iron holder. S. J. Rauba. 2,172,682; Sept. 12.
Soldering machine. A. Schmidt. 2,167,006; July 25.
Soldering mechanism for can bodies. F. N. Prince. 2,148,218; Feb. 21.
Soldering solution. C. L. Boyle. 2,145,292; Jan. 31.
Soldering tool. G. E. Harlan. 2,162,615; June 13.
Solderless connector. F. B. Adam and H. M. Stieglitz. 2,151,674; Mar. 28.
Solderless connector. C. L. Peirce, Jr. 2,148,960; Feb. 28.
Solderless connector. A. B. Rypinski. 2,145,556; Jan. 31.
Solderless connector. H. E. Sipe. 2,183,109; Dec. 12.
Solderless connector. H. E. Sipe. 2,175,036; Oct. 3.
Soldier with shooting gun, Mechanical walking. M. Geiser. 2,167,042; July 25.
Sole and heel combination and shoe containing the same, Rubber. C. D. Garbutt. 2,154,612; Apr. 18.
Sole fitting machine. W. R. Bolton. 2,174,563; Oct. 3.
Sole fitting machine. T. Gulbrandsen. 2,152,735; Apr. 4.
Sole-fitting machine. A. A. Rivington. 2,167,054; July 25.
Sole flexing apparatus. A. F. Bancroft. 2,160,114; May 30.
Sole, Footwear. U. Urbany. 2,183,899; Dec. 19.
Sole for sandals, Rubber. M. A. Westheimer. 2,167,035; July 25.
Sole for shoes. L. F. Montgomery. 2,152,657; Apr. 4.
Sole for shoes, Auxiliary calked. J. Opyt. 2,166,317; July 18.
Sole having resilient insert, Inner. M. Margolin. 2,153,021; Apr. 4.
Sole, Making a rubber. C. R. Keiser and T. R. Rike. 2,174,943; Oct. 3.
Sole press. S. J. Finn. 2,150,915; Mar. 21.
Sole pressing machine. L. F. Exley. 2,178,568; Nov. 7.
Sole-pressing machine. L. F. Exley. 2,178,990; Nov. 7.
Sole, Rubber. B. B. Craver. 2,162,912; June 20.
Sole, Shoe. K. Wiessner. 2,174,647; Oct. 3.
Sole, Ventilater filler. A. Morcate. 2,174,473; Sept. 26.
Soles and shoes, Relatively positioning. H. S. Lyness. 2,168,485; Aug. 8.
Soles for shoes, Manufacture of. A. Boot. 2,144,284; Jan. 17.
Soles, Forming cement-on rubber. A. L. Murray. 2,181,379; Nov. 28.
Soles, Manufacture of. W. D. Thomas. 2,144,285; Jan. 17.
Soles on shoe bottoms, Machine for pressing. S. J. Finn. 2,168,475; Aug. 8.
Soles to shoe bottoms, Apparatus for cementing. M. Barry. 2,146,928; Feb. 14.
Soling machine. A. Ehresmann and L. Streibel. 2,180,227; Nov. 14.
Solenoid. D. W. Davis. 2,156,937; May 2.
Solenoid. W. F. Kelley. 2,151,213; Mar. 21.
Solenoid. C. N. Weiler. 2,182,685; Dec. 5.
Solenoid actuated valve. B. N. Foster. 2,145,977; Feb. 7.
Solenoid mechanism. W. H. Gille. 2,181,423; Nov. 28.
Solenoid valve. W. F. Hurlburt. 2,168,774; Aug. 8.
Solid constituents from oils containing the same, Separation of. M. Pier and A. Eisenhut. 2,144,409; Jan. 17.
Solid matter from a liquid, Separating. C. W. Gordon. 2,149,017; Feb. 28.
Solids, Classifying and separating suspended. T. L. Shepherd. 2,154,779; Apr. 18.
Solids, Distillation of. K. C. D. Hickman. 2,150,684; Mar. 14.
Solids, Fractionation or classification of finely divided. S. C. Lyons. 2,179,154; Nov. 7.
Solids from pulp mill waste liquors, Recovering the. E. Fladmark. 2,182,428; Dec. 5.
Solids in a centrifugal, Purging and washing. C. A. Olcott. 2,152,562; Mar. 28.
Solids, Method and apparatus for sorting or classifying. F. C. Schramm. 2,144,418; Jan. 17.
Solids, Processing finely divided. E. C. de Stubner. Re 21,032; Mar. 21.
Solids, Treating. C. I. Haney. 2,171,652; Sept. 5.
Solids with physical and chemical reactants, Apparatus for treating. T. Müller and H. Roelig. 2,143,610; Jan. 10.
Solution for dyeing cast phenolic articles. R. O. Wood. 2,156,442; May 2.
Solution of acetates of sugars, Solid. V. Walthausen and L. R. Metry. 2,174,541; Oct. 3.
Solution of alkali metal salts of polynuclear phenols. H. Z. Lecher and M. Scalera. 2,152,851; Apr. 4.
Solution of titanic hydroxide in hydrogen peroxide. S. Katzoff and R. Roseman. 2,147,533; Feb. 14.
Solutions by evaporation or cooling, Apparatus for continuously crystallizing. R. Bonath. 2,160,533; May 30.
Solutions for sulphanilamide, Stable. W. G. Christiansen. 2,161,407; June 6.
Solutions of aliphatic acids, Apparatus for the azeotropic distillation of aqueous. M. B. Conviser. 2,146,721; Feb. 14.
Solutions of aliphatic esters of polybasic inorganic acids, Purification of aqueous. A. J. Tulleners. 2,152,162; Mar. 28.
Solutions of metal-organic compounds and making the same, Stabilized. W. E. Lyons. 2,156,918; May 2.
Solutions of sulphur and metal sulphides, Production of aqueous. P. Nitsche. 2,149,249; Feb. 28.
Solutions of therapeutically useful calcium compounds, Preparation of stable concentrated. R. Pasternack and E. V. Brown. 2,168,879; Aug. 8.
Solutions, Toning and intensifying. K. C. D. Hickman and J. C. Hecker. 2,158,184; May 16.

Solvent. G. F. Zellhoefer, C. S. Marvel, and M. J. Copley. 2,149,948; Mar. 7.
Solvent and dewaxing mineral oils. D. S. McKittrick and H. J. Henriques. 2,153,895; Apr. 11.
Solvent and process for dewaxing mineral oils. D. S. McKittrick and H. J. Henriques. 2,150,334; Mar. 14.
Solvent and process of treating mineral oils. M. H. Tuttle. 2,149,323; Mar. 7.
Solvent and solution of cellulose esters. R. L. Shuman. 2,168,587; Aug. 8.
Solvent dewaxing process. O. S. Pokorny. 2,160,985; June 6.
Solvent employed in the separation of acetylene from gaseous mixtures, Recovering. F. R. Balcar. 2,180,496; Nov. 21.
Solvent extraction. J. H. Boyd, Jr. 2,183,852; Dec. 19.
Solvent extraction and recovery. E. R. Smoley. 2,167,730; Aug. 1.
Solvent extracts, Treatment of. K. C. Laughlin. 2,163,245; June 20.
Solvent from hydrocarbon oils, Recovery of. E. R. Brownscombe. 2,169,218; Aug. 15.
Solvent from oil in miscella and like mixtures, Separating. M. Bonotto. 2,163,303; June 20.
Solvent from solutions of resilient substances which are applied in considerable thickness to the single sheets of laminated glass for forming the nonsplintering intermediate layers, Apparatus for removing the. A. Kämpfer. 2,148,696; Feb. 28.
Solvent recovery. W. W. Kraft. 2,168,570; Aug. 8.
Solvent recovery method. W. W. Kraft and M. A. Zimmerman. 2,177,183; Oct. 24.
Solvent refining. L. A. Clarke. 2,178,321; Oct. 31.
Solvent refining. D. F. Renshaw. 2,173,915; Sept. 26.
Solvent refining of oils. E. A. Bösing. 2,154,372; Apr. 11.
Solvents, Apparatus for increasing the solute content of. K. E. Stuart. 2,173,986; Sept. 26.
Solvents from garbage, Fermentative production of. J. W. Jean. 2,182,989; Dec. 12.
Solvents from mineral oils, Recovery of mixed. E. Koenemann and H. Ramser. 2,146,679; Feb. 7.
Solvents, Improving. P. K. Frolich. 2,160,136; May 30.
Somersaulter. W. G. Bolcom. 2,164,563; July 4.
Song interpreter, Visual. P. Fine. 2,157,168; May 9.
Soniferous device. M. H. Gray. 2,148,347; Feb. 21.
Soot and fly ash trap. R. W. Parry. 2,144,268; Jan. 17.
Sorter. A. G. Rindfleisch. 2,165,415; July 11.
Sorting and accounting machine, Combined record. F. L. Fuller and S. Brand. 2,142,352; Jan. 3.
Sorting device. W. S. Bowser. 2,165,609; July 11.
Sorting device for loose leaves. T. C. Andrews. 2,181,165; Nov. 28.
Sorting machine. D. C. Cox. 2,152,758; Apr. 4.
Sorting machine. L. H. Fronefield. 2,140,214; Mar. 14.
Sorting machine. F. L. Fuller and S. Brand. 2,150,216; Mar. 14.
Sorting machine. I. Ghertzmann. 2,156,978; May 2.
Sorting machine. E. W. Gifford. 2,165,251; July 11.
Sorting machine. A. Juriga. 2,153,191; Apr. 4.
Sorting machine. P. Mansel. 2,172,737; Sept. 12.
Sorting machine. L. Momon. 2,174,134; Sept. 26.
Sorting machine. R. E. Page. 2,172,069; Sept. 5.
Sorting machine. A. M. Smith. 2,156,822; May 2.
Sorting mechanism. W. W. Lasker. 2,172,755; Sept. 12.
SO_2 from ammonium sulphite solutions, Recovery of. H. F. Johnstone and A. D. Singh. 2,161,055; June 6.
Sound-absorbing article. J. S. Parkinson. 2,169,370; Aug. 15.
Sound absorbing construction. B. S. Reynolds. 2,146,028; Feb. 7.
Sound-absorbing construction. H. F. Weiss. 2,147,276; Feb. 14.
Sound absorbing structure. J. S. Parkinson. 2,177,393; Oct. 24.
Sound absorbing unit. S. C. Appel. 2,152,169; Mar. 28.
Sound-absorbing unit. E. H. Bedell and L. J. Sivian. 2,160,638; May 30.
Sound and television receiving system. P. C. Goldmark. 2,155,126; Apr. 18.
Sound box for dictating machines. J. E. Renholdt. 2,180,094; Nov. 14.
Sound creating device. W. A. Garratt. 2,158,537; May 16.
Sound device. W. C. Eaves. 2,153,500; Apr. 4.
Sound film, Method and apparatus for printing. L. Dewan. 2,167,642; Aug. 1.
Sound film system. G. B. Scheibell. 2,182,823; Dec. 12.
Sound finder. R. W. Mandl. 2,153,933; Apr. 11.
Sound from record film, Reproduction of. O. K. Kolb. 2,160,506; May 30.
Sound head. F. J. Loomis and E. W. Reynolds. 2,164,748; July 4.
Sound image on multilayer film. L. D. Mannes and L. Godowsky, Jr. 2,159,280; May 23.
Sound, Influencing the field of. O. Böhm and H. Gruhnwald. 2,145,288; Jan. 31.
Sound insulation means for motion picture cameras. G. Laube, R. C. Stevens, and C. M. Miller. 2,180,683; Nov. 21.
Sound locator receiver. F. R. House. 2,159,481; May 23.
Sound, Method of and apparatus for recording and reproducing of. L. Dewan. 2,165,236; July 11.
Sound oscillations, Method and apparatus for the mechanical recording of. P. C. Ricchiardi. 2,166,079; July 11.
Sound, Photographic recording of. M. E. Collins. 2,148,605; Feb. 28.
Sound photographically, Recording. J. Eggert and A. Küster. 2,150,823; Mar. 14.
Sound pick-up and amplifying apparatus. M. L. Lockhart. 2,145,449; Jan. 31.
Sound pick-up unit. F. J. Coyer. 2,171,173; Aug. 29.
Sound pick-up unit. A. J. Holman. 2,151,700; Mar. 28.
Sound picture fader. W. L. Douden. 2,164,736; July 4.
Sound post. G. Eberhart. 2,145,237; Jan. 31.
Sound producer. G. C. Croushore. 2,142,222; Jan. 3.
Sound producing and object ejecting device, Combination. H. N. Prensky and E. Grieshaber. 2,151,330; Mar. 21.
Sound producing mechanism, Key actuated. H. Chaskin. 2,174,031; Sept. 26.
Sound propagating device. C. L. Farrand. 2,175,833; Oct. 10.
Sound record carrier. K. Daniel. 2,183,117; Dec. 12.
Sound record disk. O. V. Zecha. 2,148,225; Feb. 21.
Sound record tablet. L. D. Norton and J. H. Horwath. 2,180,091; Nov. 14.
Sound recorder and reproducer. M. Bender. 2,172,431; Sept. 12.
Sound recorder and reproducer. H. J. Smith. 2,167,817; Aug. 1.
Sound, Recording. G. L. Dimmick. Re. 21,029; Mar. 14.
Sound recording. G. L. Dimmick. 2,166,718; July 18.
Sound recording. J. H. McLeod and R. S. Morse. 2,161,369; June 6.
Sound recording. J. H. McLeod and F. M. E. Holmes. 2,180,011; Nov. 14.
Sound recording. W. L. Woolf. 2,173,050; Sept. 12.
Sound recording and reproducing. G. L. Dimmick. 2,184,547; Dec. 26.
Sound, Recording and reproducing. P. C. Ricchiardi. 2,151,408; Mar. 21.
Sound recording and reproducing apparatus. K. Daniel. 2,168,792; Aug. 8.
Sound recording and reproducing device. C. W. Nystrom. 2,164,778; July 4.
Sound recording and reproducing element and more particularly a permanent magnet therefor. C. Schaarwächter and A. Ruppelt. 2,167,188; July 25.
Sound recording and reproducing head. E. R. Harris. 2,142,563; Jan. 3.
Sound recording and reproducing system. O. M. Dunning. 2,163,671; June 27.
Sound recording and reproducing system. C. R. Hanna. Re. 21,293; Dec. 12.
Sound, Recording and reproduction of. K. Schwarz. 2,177,081; Oct. 24.
Sound recording and sound reproducing machine, Portable. F. von Madaler and W. L. Woolf. 2,173,048; Sept. 12.
Sound recording apparatus. I. H. Goldman. 2,153,751; Apr. 11.
Sound recording apparatus. I. H. Goldman. 2,174,226; Sept. 26.
Sound recording apparatus. K. Schwarz. 2,178,245; Oct. 31.
Sound-recording disk. A. Miyata. 2,168,826; Aug. 8.
Sound recording, Electrical. P. C. Ricchiardi. 2,182,136; Dec. 5.
Sound recording, Method and apparatus for. H. Belar. 2,173,222; Sept. 19.
Sound recording, Phonographic. O. K. Kolb. 2,158,874; May 16.
Sound recording system. M. Arndt. 2,169,910; Aug. 15.
Sound recording system. G. L. Dimmick. 2,154,067; Apr. 11.
Sound records, Photoelectrically scanning balanced. G. Clamann. 2,170,962; Aug. 29.
Sound reproducer. G. L. Dimmick. 2,164,734; July 4.
Sound reproducer and manufacturing the same. O. I. Price. 2,180,482; Nov. 21.
Sound reproducing apparatus. H. Belar. 2,152,173; Mar. 28.
Sound reproducing apparatus. G. W. Blessing and E. C. Guedon. 2,157,158; May 9.
Sound reproducing apparatus. R. E. Bowley. 2,178,030; Oct. 31.
Sound reproducing apparatus. R. H. Dreisbach. 2,144,566; Jan. 17.
Sound reproducing apparatus. V. C. Macnabb. 2,171,940; Sept. 5.
Sound reproducing apparatus. H. F. Olson. 2,174,163; Sept. 26.
Sound reproducing apparatus, Auxiliary. H. A. Adams. 2,145,963; Feb. 7.
Sound reproducing apparatus for endless band sound carriers. G. Fries. 2,181,112; Nov. 21.
Sound reproducing device. A. C. Barker. 2,164,374; July 4.
Sound-reproducing device. E. Schwartz. 2,158,554; May 16.
Sound reproducing device. E. Schwartz. 2,183,777; Dec. 19.
Sound reproducing system. R. S. Anderson. 2,166,838; July 18.
Sound-reproducing system. J. R. Balsley. 2,171,531; Sept. 5.

Sound reproducing system. J. R. Balsley. 2,171,969; Sept. 5.
Sound-reproducing system. S. G. Sears. 2,169,744; Aug. 15.
Sound reproducing system. S. A. Waite. 2,143,175; Jan. 10.
Sound-reproducing system and apparatus. J. R. Balsley. 2,171,532; Sept. 5.
Sound reproduction. J. R. Balsley. 2,144,749; Jan. 24.
Sound reproduction. R. S. Morse. 2,158,193; May 16.
Sound reproduction, Electric pick-up for. J. R. Bird. 2,177,239; Oct. 24.
Sound signaling. F. Von Voigtlander. 2,158,209; May 16.
Sound system and apparatus therefor. J. B. Zetka. 2,175,678; Oct. 10.
Sound system, Submarine. J. R. West. 2,164,858; July 4.
Sound track for multilayer film. L. D. Mannes and L. Godowsky, Jr. 2,143,787; Jan. 10.
Sound track on colored film and producing same. C. F. Jones. 2,176,303; Oct. 17.
Sound translating apparatus. G. E. Atkins. 2,166,515; July 18.
Sound transmitting and receiving apparatus. K. F. Haines. 2,147,649; Feb. 21.
Sounder, Secret. E. P. Bancroft. 2,147,812; Feb. 12.
Sounding absorbing covering. P. A. Schilling. 2,150,344; Mar. 14.
Sounding and means therefor, Echo. D. O. Sproule. 2,167,492; July 25.
Sounding board construction for pianos. F. C. Socin. 2,174,074; Sept. 26.
Sounding board for stringed instruments. H. Moertel. 2,167,486; July 25.
Soundings, Apparatus for taking. F. Waller. 2,164,791; July 4.
Soundproofing construction. C. A. Frische. 2,160,066; May 30.
Sounds and for their reception in the proper volume, Process for the transmission of. J. J. Laub. 2,172,209; Sept. 5.
Sound-wave generator. W. J. Eisenbeis and C. O. Williamson. 2,152,177; Mar. 28.
Soya, Developing palatability of. A. A. Horvath. 2,147,097; Feb. 14.
Spaceband for matrix composing and line casting machines. W. Sperling. 2,151,396; Mar. 21.
Spaceband for matrix composing and type line casting machines. W. Sperling. 2,151,397; Mar. 21.
Spaceband, Justifying. G. W. Allison. 2,151,367; Mar. 21.
Space discharge type of apparatus. C. B. Aiken. 2,149,328; Mar. 7.
Space, Testing perception of. A. Ames, Jr. 2,168,308; Aug. 8.
Spacer and seal for building construction. G. A. Unverferth. 2,157,038; May 2.
Spacer element for typographical machines. A. G. Sperry. 2,180,302; Nov. 14.
Spacer for electron discharge devices. L. R. Shardlow. 2,175,707; Oct. 10.
Spacer for film reels. N. Goldberg. 2,172,675; Sept. 12.
Spacer for the sides of moving-picture reels. N. Goldberg. 2,161,157; June 6.
Spacing apparatus. H. J. Criner. 2,156,563; May 2.
Spar chord. E. W. Dart. 2,165,458; July 11.
Spark adjusting tool. J. E. Taylor. 2,148,222; Feb. 21.
Spark arrester. R. B. Bourne. 2,170,704; Aug. 22.
Spark arrester. C. H. Gormley. 2,152,760; Apr. 4.
Spark arrester. M. McGinitie. 2,148,168; Feb. 21.
Spark control mechanism. J. S. Jennings, Jr. 2,183,747; Dec. 19.
Spark device, High tension. J. A. Doran. 2,164,311; July 4.
Spark generating system. L. H. Scott. 2,169,818; Aug. 15.
Spark ignition distributer for internal combustion engines. A. Massey-Allen. 2,165,196; July 11.
Spark plug. H. H. Armstrong and A. B. Menefee. 2,143,853; Jan. 17.
Spark plug. R. A. Bell. 2,147,730; Feb. 21.
Spark plug. A. J. Bellemore. 2,143,048; Jan. 10.
Spark plug. A. N. Cooper. 2,158,743; May 16.
Spark plug. E. R. Darby. 2,146,722; Feb. 14.
Spark plug. J. A. Doran. 2,174,362; Sept. 26.
Spark plug. P. A. Doyle. 2,164,578; July 4.
Spark plug. E. H. Fenn. 2,155,481; Apr. 25.
Spark plug. J. D. Fowler. 2,173,607; Sept. 19.
Spark plug. H. F. Fruth. 2,159,791; May 23.
Spark plug. W. M. Hart. 2,174,978; Oct. 3.
Spark plug. A. C. Hastings, Jr. 2,168,206; Aug. 1.
Spark plug. F. B. Hewel. 2,172,844; Sept. 12.
Spark plug. A. E. Hornback. 2,170,243; Aug. 22.
Spark plug. W. P. Innes, Jr. Re. 21,294; Dec. 12.
Spark plug. A. A. Kasarjian. 2,169,421; Aug. 15.
Spark plug. A. A. Kasarjian. 2,180,528; Nov. 21.
Spark plug. J. P. Kletz. 2,180,242; Nov. 14.
Spark plug. E. F. Koehler and R. Harden. 2,176,858; Oct. 17.
Spark plug. E. B. Nowosielski. 2,150,723; Mar. 14.
Spark plug. E. B. Nowosielski. 2,184,196; Dec. 19.
Spark plug. H. Rabezzana. 2,171,164; Aug. 29.
Spark plug. C. Smith. 2,142,383; Jan. 3.
Spark plug. C. Smith. 2,179,801; Nov. 14.
Spark plug. H. P. Sparkes. 2,182,061; Dec. 5.
Spark plug. M. Thomen. 2,171,014; Aug. 29.
Spark plug. J. M. Watts, J. Freesh, and F. Borchers. 2,168,019; Aug. 1.
Spark plug construction. E. E. Bidwell. 2,179,609; Nov. 14.
Spark plug lead, Radio shielded. M. F. Peter and R. H. Stone. 2,164,591; July 4.
Spark plug performance indicator. M. F. Peters, W. S. Parr, and H. K. King. 2,181,149; Nov. 28.
Spark plug, Radio shielded. O. C. Rohde. 2,183,696; Dec. 19.
Spark plug, Shielded. H. Rabezzana. 2,171,165; Aug. 29.
Spark plugs, Method of and apparatus for testing. C. C. Soper. 2,175,038; Oct. 3.
Spark suppressor resistor. G. M. Ehlers. 2,166,755; July 18.
Spark timer for hammers. C. L. Charles. 2,163,336; June 20.
Sparking plug. A. Gazda. 2,171,929; Sept. 5.
Sparking plug. L. Graf. 2,150,500; Mar. 14.
Sparking plug. H. L. Hall. 2,163,362; June 20.
Sparking plug. K. Nittka. 2,144,891; Jan. 24.
Sparking plug. G. Ruthardt. 2,178,348; Oct. 31.
Sparking plug, Etched. R. Stribeck. 2,180,779; Nov. 21.
Spars, Process and apparatus for forming tapered. E. B. Cairns. 2,150,416; Mar. 14.
Spat, Waterproof. M. Glowka. 2,151,350–1; Mar. 21.
Speaker. I. B. Serge. 2,180,615; Nov. 21.
Speaker and listening device. A. T. Cahill. 2,161,995; June 13.
Speaker matching and selecting device. P. J. Faber. 2,176,732; Oct. 17.
Speaker system for fire alarms. G. J. Schwall and J. E. McCarty. 2,156,356; May 2.
Speaker unit. E. P. Albano. 2,167,625; Aug. 1.
Specific gravity indicator. H. H. Decker. 2,182,172; Dec. 5.
Specific gravity indicator. G. H. B. West. 2,160,772; May 30.
Specific gravity of liquid media and the protein content of blood, Apparatus for determining the. B. M. Kagan. 2,166,842; July 18.
Spectacle case. S. L. Lachter. 2,162,222; June 13.
Spectacle temple connection. J. C. Foster. 2,169,235; Aug. 15.
Spectacle temple mounting. F. W. Lindblom. 2,154,382; Apr. 11.
Spectacles. N. T. Baldanza. 2,166,110; July 18.
Spectacles, Invisible rim. I. W. Mefferd. 2,181,062; Nov. 21.
Spectrometer. R. W. McLachlan and C. E. Slingland. 2,143,160; Jan. 10.
Spectrophotometer and spectrophotometric analysis and prediction. O. W. Pineo. 2,176,013; Oct. 10.
Spectrophotometry. R. H. Park. 2,157,389; May 9.
Speed alarm switch, Automatic. B. P. Striemer and G. Fisher. 2,163,111; June 20.
Speed and load controlled brake. J. Canetta. 2,160,212; May 30.
Speed and motion transmitting mechanism, Variable. F. Barber. 2,144,609; Jan. 24.
Speed, Apparatus for, and method of, measuring. W. E. Haselwood. 2,146,820; Feb. 14.
Speed bidirection and freewheeling transmission, Automatic electric variable. H. J. Murray. 2,150,983; Mar. 21.
Speed-changing adapter for motion picture cameras. F. Brosch. 2,159,372; May 23.
Speed changing mechanism. F. A. Fritzsch. 2,149,013–4; Feb. 28.
Speed changing mechanism. F. Morella. 2,153,151; Apr. 4.
Speed control attachment for speedometers. P. H. Kolb. 2,164,113; June 27.
Speed control, Automatic. D. V. Smith. 2,163,108; June 20.
Speed control, Automobile. G. E. Slaugenhop. 2,167,590; July 25.
Speed control device. H. C. Sloan. 2,177,537; Oct. 24.
Speed control device, Automatic. C. Holt. 2,146,070; Feb. 7.
Speed control device, Pressure operable governor actuated vehicle. N. M. McCullough. 2,142,403; Jan. 3.
Speed control device, Speedometer vehicle. N. M. McCullough. 2,169,268; Aug. 15.
Speed control for combustion engines. H. D. Cochran and J. L. Smith. 2,167,293; July 25.
Speed control for gyro rotors. W. A. Reichel. 2,181,250; Nov. 28.
Speed control for motor vehicles. P. H. Kolb. 2,164,114; June 27.
Speed control for motors, Constant. P. U. Lannerd. 2,152,595; Mar. 28.
Speed control for outboard motor boats. H. F. Anderson. 2,155,112; Apr. 18.
Speed control for spring motor driven apparatus. G. Gunnarson. 2,180,005; Nov. 14.
Speed control means, Synchronous motor. C. J. Young. 2,150,572; Mar. 14.
Speed control mechanism. T. M. Hagenbook. 2,142,310; Jan. 3.
Speed control mechanism. A. J. Musselman. 2,152,386; Mar. 28.

Speed control mechanism. W. C. Scott. 2,146,383; Feb. 7.
Speed control mechanism, Automatic variable. H. J. Byrne. 2,182,310; Dec. 5.
Speed control mechanism for automotive vehicles. J. R. McCoy. 2,171,401; Aug. 29.
Speed control system. A. P. Davis and G. Agins. 2,148,731; Feb. 28.
Speed control system for internal combustion engines. T. V. Pedersen. 2,143,168; Jan. 10.
Speed controlled brake. R. Borde. 2,148,725; Feb. 28.
Speed controlled brake. C. C. Farmer. 2,184,549; Dec. 26.
Speed controlled brake. E. E. Hewitt. 2,160,207; May 30.
Speed controlled brake. D. L. McNeal. 2,160,208; May 30.
Speed controlled switch. J. G. Ingres. 2,164,991; July 4.
Speed correction for automatic pilots, Variable. F. G. Nesbitt. 2,176,922; Oct. 24.
Speed cup balancing machine. C. W. McKinley, L. B. Smith, and C. B. Dinsmore. 2,162,101; June 13.
Speed drive, Adjustable. D. Heyer. 2,180,678; Nov. 21.
Speed drive mechanism, Variable. G. J. Blum. 2,162,772; June 20.
Speed drive system, Multiple belt adjustable. D. Heyer. 2,180,679; Nov. 21.
Speed electrical apparatus and control therefor, Variable. W. P. Hunsdorf. 2,153,252; Apr. 4.
Speed gearing mechanism, Variable. W. E. Lawrence. 2,155,198; Apr. 18.
Speed-governing mechanism. G. V. Keller, Jr. 2,145,117; Jan. 24.
Speed governing pump. H. C. Edwards. 2,185,147; Dec. 26.
Speed governor for electric motors. W. A. Anderson. 2,182,111; Dec. 5.
Speed indicating means. R. F. Benson, A. E. Bauer, and A. C. Jayet. 2,160,821; June 6.
Speed indicator. V. Rumchaks. 2,179,103; Nov. 7.
Speed indicator and signal. A. H. Provenzano. 2,146,349; Feb. 7.
Speed indicator for motor vehicles. J. W. Craig. 2,175,077; Oct. 3.
Speed indicator, Maximum. G. H. Thomas. 2,167,092; July 25.
Speed limit indicator, Photoelectric. F. W. Blethen. 2,142,602; Jan. 3.
Speed limiting device. H. M. Schubert. 2,159,405; May 23.
Speed measuring instrument, Land. T. de Port. 2,148,444; Feb. 28.
Speed mechanism, Automatic change. R. W. Todd. 2,181,287; Nov. 28.
Speed mechanism, Change. P. Mattia. 2,182,542; Dec. 5.
Speed mechanism, Fluid operated change. L. A. Carter. 2,154,605; Apr. 18.
Speed mechanism for bicycles, Change. J. E. Butler. 2,168,322; Aug. 8.
Speed mechanism, Hydraulic change. V. V. Peone. 2,172,089; Sept. 5.
Speed mechanism, Self-controlled variable. W. R. Kent. 2,181,373; Nov. 28.
Speed mechanism, Variable. P. J. McLaren. 2,177,611; Oct. 24.
Speed polyphase motor, Adjustable. M. C. Spencer. 2,143,215; Jan. 10.
Speed power transmission, Variable. P. Whitcomb. 2,182,507; Dec. 5.
Speed ratio indicator. B. M. McConnell. 2,158,137; May 16.
Speed recording system, High. H. O. Storm. 2,160,919; June 6.
Speed reducer. J. W. Kittredge. 2,168,164; Aug. 1.
Speed reducer, Continuous power eccentric dual gear. J. R. Perry. 2,170,951; Aug. 29.
Speed reducer, Variable. J. Needham. 2,152,207; Mar. 28.
Speed reducing and shock absorbing mechanism for full-fashioned knitting machines. F. C. Good. 2,174,977; Oct. 3.
Speed reducing mechanism. J. F. McCann. 2,171,158; Aug. 29.
Speed reducing mechanism. F. Travnicek. 2,178,657; Nov. 7.
Speed-reduction gear. M. Birkigt. 2,154,319; Apr. 11.
Speed reduction unit. J. D. Christian. 2,170,548; Aug. 22.
Speed regulating device for prime movers. J. J. Baier. 2,161,693; June 6.
Speed regulating devices. R. Seidel. 2,157,088; May 2.
Speed regulating means for direct current generator units. V. Roosa and E. Silber. 2,150,294; Mar. 14.
Speed regulating means for polyphase generator units. E. Silber and V. Roosa. 2,173,026; Sept. 12.
Speed regulating mechanism. R. Böhringer and R. Germar. 2,164,306; July 4.
Speed regulator. W. I. Bendz. 2,147,421; Feb. 14.
Speed regulator. F. H. Gulliksen. 2,171,747; Sept. 5.
Speed regulator. G. E. Howard. 2,156,116; Apr. 25.
Speed regulator. G. E. Howard. 2,176,739; Oct. 17.
Speed regulator. S. J. Mikina. 2,162,490; June 13.
Speed responsive apparatus. A. J. Sorensen. 2,178,290; Oct. 31.
Speed-responsive device. C. I. McNeil and M. E. Longfellow. 2,171,005; Aug. 29.
Speed responsive switch. G. L. Kampa. 2,163,605; June 27.
Speed transmission, Automatic change. E. E. Giesen. 2,152,039; Mar. 28.
Speed transmission, Automatic variable. W. Hartz. 2,145,927; Feb. 7.
Speed transmission, Change. R. S. Jacobsen. 2,157,758; May 9.
Speed transmission device, Variable. D. Heyer. 2,179,933; Nov. 14.
Speed transmission device, Variable. F. Suys. 2,142,421; Jan. 3.
Speed transmission, High-ratio variable. P. B. Reeves. 2,179,053; Nov. 7.
Speed transmission mechanism, Variable. A. F. Boho. 2,179,171; Nov. 7.
Speed transmission mechanism, Variable. W. E. Lawrence. 2,154,460; Apr. 18.
Speed transmission mechanism, Variable. R. C. Mealey. 2,165,934; July 11.
Speed transmission mechanism, Variable. N. A. Palmgren. 2,144,270; Jan. 17.
Speed transmission mechanism, Variable. B. E. Ronning and R. C. Mealey. 2,179,301; Nov. 7.
Speed transmission, Variable. H. E. Avonde and S. J. Albin. 2,175,012; Oct. 3.
Speed transmission, Variable. O. H. Banker. 2,170,649; Aug. 22.
Speed transmission, Variable. H. G. Davis. 2,175,830; Oct. 10.
Speed transmission, Variable. T. C. Delaval-Crow. 2,157,259; May 9.
Speed transmission, Variable. A. Y. Dodge. 2,164,504; July 4.
Speed transmission, Variable. H. C. Dulion and C. R. Murphy. 2,143,238; Jan. 10.
Speed transmission, Variable. W. E. Ewart. 2,178,784; Nov. 7.
Speed transmission, Variable. R. S. Jacobsen. 2,157,757; May 9.
Speed transmission, Variable. I. Jepson. 2,178,395; Oct. 31.
Speed transmission, Variable. B. M. Leece. 2,180,474; Nov. 21.
Speed transmission, Variable. A. Madlé. 2,178,399; Oct. 31.
Speed transmission, Variable. T. B. Martin. 2,156,698; May 2.
Speed transmission, Variable. W. L. Pollard. 2,177,946; Oct. 31.
Speed transmission, Variable. W. L. Pollard. 2,181,380; Nov. 28.
Speed transmission, Variable. J. D. Rieser. 2,183,267; Dec. 12.
Speed transmission, Variable. M. D. Rust. 2,164,086; June 27.
Speed transmission, Variable. W. P. Schmitter. 2,183,507; Dec. 12.
Speed transmission, Variable. M. T. Weston. 2,158,047; May 9.
Speed transmission, Variable. M. P. Whitney. 2,178,712; Nov. 7.
Speed transmission, Variable. M. P. Whitney and Y. Sekella. 2,172,780; Sept. 12.
Speed unit, Variable. C. E. Johnson and E. Mendenhall. 2,181,567; Nov. 28.
Speed-up and speed-down for rotaries. R. R. Bloss. 2,157,728; May 9.
Speed varying mechanism. J. Verderber and E. F. Batterman. 2,153,997; Apr. 11.
Speedway, Junior. L. M. Weeks. 2,149,823; Mar. 7.
Speedometer. E. V. Dardani. 2,156,085; Apr. 25.
Speedometer cable lubrication tool. C. D. West. 2,178,058; Oct. 31.
Speedometer, Electric. E. G. Kelly. 2,159,330; May 23.
Speedometer, Electric. A. W. Le Fevre, W. H. Farr, G. E. Coxon, and J. B. Whitted. 2,159,333; May 23.
Speedometer, Electric. A. W. Le Fevre, T. Paul, and G. E. Coxon. 2,159,389; May 23.
Speedometer, Electric. H. M. Norman. 2,159,340; May 23.
Speedometer, Electrical. T. Paul. 2,159,341; May 23.
Speedometer for motor vehicles. E. V. Dardani. 2,156,084; Apr. 25.
Speedometer, Illuminated. G. Moody. 2,165,498; July 11.
Speedometer, Magnetic. A. W. LeFevre and T. Paul. 2,142,248; Jan. 3.
Speedometer pointer. R. O. Helgeby. 2,159,210; May 23.
Speedometer, Recording. A. De Martile. 2,169,230; Aug. 15.
Spice container, Ground. N. Jacker. 2,177,589; Oct. 24.
Spider. J. F. Moody. 2,173,079; Sept. 12.
Spigot. A. M. Norza. 2,177,875; Oct. 31.
Spigot valve, Leakless. H. H. Kistner. 2,147,845; Feb. 21.
Spike. V. C. Armstrong. 2,169,132; Aug. 8.
Spike. R. E. Beegle. 2,144,099; Jan. 17.
Spike and its arrangement with respect to the rails, Elastic rail. B. Kuckuck. 2,178,478; Oct. 31.
Spike, Drive. W. De Vellier. 2,169,408; Aug. 15.
Spike for golf shoes. C. W. Fuller. Re. 21,173; Aug. 8.
Spinal adjuster. E. W. Stevens. 2,180,775; Nov. 21.
Spinal detector. D. B. Mears. 2,161,370; June 6.

Spindle. E. C. Bunnell. 2,182,012; Dec. 5.
Spindle. A. Marchev. 2,157,419; May 9.
Spindle. E. B. Tifft. 2,162,321; June 13.
Spindle and bobbin. S. Killian. 2,148,819; Feb. 28.
Spindle and making same, Screw-threaded. R. Stopp. 2,149,194; Feb. 28.
Spindle and spindle bearing. C. Staufert. 2,168,247; Aug. 1.
Spindle blades, Production of. H. Mitchell. 2,170,727; Aug. 22.
Spindle construction, High speed. A. H. Dall and F. S. Haas. 2,171,208; Aug. 29.
Spindle control mechanism. C. A. Rich. 2,174,292; Sept. 26.
Spindle, Double twist twisting. O. Bochmann. 2,156,330; May 2.
Spindle drive, Safety manual and power. L. L. Schauer. 2,155,687; Apr. 25.
Spindle driving means for textile machines. W. R. Gordon. 2,176,839; Oct. 17.
Spindle, Filing. C. Goldstein. 2,164,514; July 4.
Spindle for spinning machines. J. P. Laird. 2,147,204; Feb. 14.
Spindle, Machine-tool. F. Turrettini. 2,164,129; June 27.
Spindle mounting for loom shuttles. R. G. Turner. 2,183,026; Dec. 19.
Spindle nut tapping machine, Single. H. E. Pruitt. 2,159,708; May 23.
Spindle pin remover. E. H. Schultz. 2,158,433; May 16.
Spindle press. O. Kienzle. 2,164,245; June 27.
Spindle reciprocating mechanism for grinding machines. B. A. Kearns. 2,175,057; Oct. 3.
Spindle, Spinning. F. C. Linn. 2,169,877; Aug. 15.
Spindle, Spinning. G. H. Magrath. 2,169,587; Aug. 15.
Spindle, Spinning or twisting. H. ter Mors. 2,178,488; Oct. 31.
Spindle stop motion. W. R. Gordon. 2,183,239; Dec. 12.
Spindle, Threading. E. J. Stahlhammer. 2,161,265; June 6.
Spindle unit for textile machines, Swinging. W. R. Gordon. 2,158,612; May 16.
Spindle, Winding. J. N. Greenaway, Jr. 2,177,318; Oct. 24.
Spinnerette manufacturing apparatus. M. Schneider. 2,148,221; Feb. 21.
Spinnerettes, Polishing of. W. Martin. 2,159,391; May 23.
Spinning frame. K. Honda. 2,182,695; Dec. 5.
Spinning machine, Mule. F. F. Schubert and R. A. Schütze. 2,154,961; Apr. 18.
Spinning machine, Rayon. J. B. Dove. 2,154,304; Apr. 11.
Spinning machines, Attachment for. W. H. Porter and N. Redman. 2,144,664; Jan. 24.
Spinning, Method and apparatus for. A. Formhals. 2,160,962; June 6.
Spinning process, Centrifugal. T. H. Byron. 2,153,823; Apr. 11.
Spinning solutions containing organic dyes and products thereof. R. S. Bley. 2,145,580; Jan. 31.
Spinning tool. W. C. McCloskey. 2,173,759; Sept. 19.
Spinning, twisting, and analogous machine. W. Prince-Smith. 2,142,760; Jan. 3.
Spinning, twisting, and analogous machines. G. S. Whittemore. 2,160,010; May 30.
Spiral conveyer. L. G. Burmeister. 2,147,878-9; Feb. 21.
Spiral fabric. C. E. Pink. 2,158,590; May 16.
Spiral, Method and apparatus for the manufacture of a. W. J. Podbielniak. 2,143,451; Jan. 10.
Spirits, Apparatus and method of regauging distilled. H. Seibel. 2,182,681; Dec. 5.
Splice bar. K. C. Johnson and R. C. Dunsmore. 2,160,310; May 30.
Splice bar. V. Theodos. 2,151,361; Mar. 21.
Splicer, Wire. M. G. Featherston. 2,153,079; Apr. 4.
Spline broaching machine, Vertical tapered. D. H. West. 2,150,593; Mar. 14.
Spline, Cutting tapered. J. C. Drader. 2,164,643; July 4.
Splint. H. Niessen and M. Ulbrich. 2,146,842; Feb. 14.
Splint. J. N. Tessier. 2,172,484; Sept. 12.
Splint, Spinal reduction. R. Anderson. 2,166,229; July 18.
Split-belt connector, Sheet metal. B. Dibner and J. Rogoff. 2,164,006; June 27.
Splitter, Stump. R. R. Dunagin. 2,157,483; May 9.
Splitting machine. L. J. Bazzoni. 2,143,047; Jan. 10.
Splitting machine. L. J. Bazzoni. 2,173,822; Sept. 26.
Splitting machine. C. E. Hood. 2,175,193; Oct. 10.
Splitting machine. P. V. J. Merenda. 2,177,783; Oct. 31.
Sponge, Making soft. H. R. Minor. 2,157,243; May 9.
Sponge rubber body of different densities. H. R. Minor. 2,150,287; Mar. 14.
Spool. H. C. Howsam. 2,144,723; Jan. 24.
Spool. L. E. Nykamp. 2,167,957; Aug. 1.
Spool and container for sensitized film or paper. F. D. Clarke. 2,180,222; Nov. 14.
Spool and holder, Film. B. C. Roehrl. 2,160,710; May 30.
Spool arm. C. Jenkins. 2,143,734; Jan. 10.
Spool casette, Film. A. Nagel. 2,172,255; Sept. 5.
Spool construction. H. C. Howsam. 2,163,685; June 27.
Spool, Film. F. J. Gantnier. 2,182,398; Dec. 5.
Spool for electromagnets, Insulated. L. O. Larsen. 2,180,420; Nov. 21.
Spool for industrial thread. G. W. Krentler. 2,156,243; Apr. 25.
Spool-making apparatus. J. A. Johnson. 2,169,251; Aug. 15.
Spool, Metal. K. G. Anderson. 2,147,228; Feb. 14.
Spool mounting for wire spooler mechanism, Adjustable. W. D. Pierson and R. E. Walsh. 2,167,851; Aug. 1.
Spool, Needle holding. S. L. Press. 2,144,199; Jan. 17.
Spool snubber. C. E. Mueller. 2,152,909; Apr. 4.
Spool, Storage. H. A. Wood. 2,144,094; Jan. 17.
Spool structure. G. G. Tucker, Jr. 2,156,363; May 2.
Spool support or core for the dyeing and for the treatment of textiles on spools. J. Annicq. 2,158,889; May 16.
Spooling and measuring machine. H. V. Mitchell. 2,147,776; Feb. 21.
Spooling or reeling apparatus. H. Zarafu. 2,178,414; Oct. 31.
Spooling or reeling mechanism. H. Zarafu. 2,155,211; Apr. 18.
Spools, Method of and apparatus for loading heavy. R. S. Koonce. 2,144,600; Jan. 17.
Spoon. J. E. Mayer. 2,165,642; July 11.
Spoon and plug, Harpoon. M. P. Palsson. 2,179,598; Nov. 14.
Spoon, Calibrated self-supporting sanitary. E. M. Garside. 2,165,045; July 4.
Spoon, Fishing. G. D. Jones. 2,162,845; June 20.
Spoon, Harpoon. M. P. Palsson. 2,179,597; Nov. 14.
Spotlight. J. D. Blazier. 2,185,012; Dec. 26.
Spot welding appliance. S. B. Davitow. 2,179,497; Nov. 14.
Spot welding control, Electronic. J. W. Dawson. 2,179,282; Nov. 7.
Spout attachment for bottles and other containers. M. J. Isaacson. 2,155,049; Apr. 18.
Spout, Can discharge. P. E. Clawson. 2,184,632; Dec. 12.
Spout, Can pouring. A. M. Norza. 2,177,874; Oct. 31.
Spout, Can pouring. F. Pollifrone. 2,145,632; Jan. 31.
Spout, Container. V. H. Severy. 2,155,910; Apr. 25.
Spout, Extensible pouring. W. Elser. 2,162,452; June 13.
Spout, Filler. A. J. Olson and G. A. Bratvold. 2,149,227; Feb. 28.
Spout for cans, Adjustable. G. H. Cary. 2,179,280; Nov. 7.
Spout for cans, Pouring. S. H. Bailey. 2,145,748; Jan. 31.
Spout, Liquid pouring. P. L. Francois. 2,173,779; Sept. 19.
Spout unit for containers. F. Furedy. 2,147,289; Feb. 14.
Spouts to containers, Securing soft metal. J. M. Hothersall. 2,167,654; Aug. 1.
Sprag device for vehicles. A. J. Warwick. 2,151,250; Mar. 21.
Sprag device for vehicles. A. J. Warwick. 2,166,512; July 18.
Spray. L. R. Morgan. 2,156,655; May 2.
Spray apparatus. G. H. Buzzard and H. A. Roselund. 2,169,514; Aug. 15.
Spray, Apparatus for producing a. F. Y. Wheeler. 2,157,581; May 9.
Spray, Dental cleaning. W. J. Hooper. Re. 20,187, Aug. 29.
Spray device for airplanes, Liquid. R. J. Streif. 2,173,568; Sept. 19.
Spray, Door check deodorizing. S. N. Feldstein. 2,178,888; Nov. 7.
Spray extractor. G. Raymond. 2,157,305; May 9.
Spray gun. G. McKnight. 2,152,767; Apr. 4.
Spray head. L. T. Ward. 2,144,644; Jan. 24.
Spray, Insecticidal oil. D. G. Loetscher. 2,155,946; Apr. 25.
Spray iron. J. D. Foster. 2,165,541; July 11.
Spray rack. J. G. Capstaff. 2,169,758; Aug. 15.
Sprayer. R. Bernhardt. 2,158,318; May 16.
Sprayer. P. L. Hines. 2,159,894; May 23.
Sprayer. J. W. Patterson. 2,176,311; Oct. 17.
Sprayer. G. Zumft. 2,157,726; May 9.
Sprayer, Cement. I. R. Henderson. 2,154,308; Apr. 11.
Sprayer construction and cover clamping device. J. E. Oys and W. C. Perron. 2,180,606; Nov. 21.
Sprayer, Knapsack. H. E. Brandt and C. Zwickey. 2,162,057; June 13.
Sprayer, Plant. P. Nakaoka. 2,144,890; Jan. 24.
Sprayer, Traction. F. R. Elliott. 2,168,821; Aug. 8.
Spraying and atomizing device. H. W. Longdin and J. C. Stanley. 2,143,817; Jan. 10.
Spraying apparatus. E. A. Preston. 2,159,400; May 23.
Spraying apparatus. R. Zippel. 2,149,932; Mar. 7.
Spraying apparatus for dental, medical, and like purposes. W. Brewer. 2,182,742; Dec. 5.
Spraying apparatus for use with printnig presses. A. D. Della Chiesa and L. P. Froehlich. 2,153,548; Apr. 11.
Spraying apparatus, Portable. F. A. Cuff. 2,143,260; Jan. 10.
Spraying apparatus. Portable foot. F. B. Eilers. 2,170,553; Aug. 22.

Spraying device. H. C. Baumgardner. 2,177,032; Oct. 24.
Spraying device. T. J. Beregh. 2,149,266; Mar. 7.
Spraying device. J. Fitch. 2,179,845; Nov. 14.
Spraying device. H. C. Hachmuth. 2,147,292; Feb. 14.
Spraying device. J. C. Plastaras. 2,149,929; Mar. 7.
Spraying device. D. A. Sprigings. 2,155,847; Apr. 25.
Spraying device. W. M. Vogel. 2,155,850; Apr. 25.
Spraying device. W. M. Vogel. 2,178,088; Oct. 31.
Spraying device. W. M. Vogel. 2,179,871; Nov. 14.
Spraying device for airplane propellers. H. D. Austin. 2,156,103; Apr. 25.
Spraying device, Nonoffset. F. W. Seybold. 2,154,363; Apr. 11.
Spraying machine. C. O. Dailey and P. P. Metz. 2,153,240; Apr. 4.
Spraying machine, Ambulant. C. A. Gallupe. 2,169,948; Aug. 15.
Spreader for building concrete walls. A. Spies. 2,160,489; May 30.
Spreader for concrete forms. B. Hillberg. 2,167,888; Aug. 1.
Spreader for treating liquids. L. S. Korsen. 2,162,310; June 13.
Spreader, Highway sand. E. W. Seward. 2,147,219; Feb. 14.
Spring: *See*—
Antishock spring.
Bolster spring.
Cushion and mattress spring.
Door spring.
Elliptic spring.
Inner piston expanding spring.
Leaf spring.
Rebound spring.
Relay contact spring.
Spring. J. P. Burke. 2,158,028; May 9.
Spring. W. E. Dillehunt. 2,149,587; Mar. 7.
Spring. W. Wallat. 2,181,954; Dec. 5.
Spring. A. Ziska. 2,155,073; Apr. 18.
Spring anchoring device. W. W. Gleason. 2,166,989; July 25.
Spring and alloy for timepieces, Compensating. F. P. Flagg. 2,151,197; Mar. 21.
Spring and attachment, Combination. H. Tampkin. 2,164,962; July 4.
Spring and liner construction, Leaf. T. H. Thompson. 2,161,838; June 13.
Spring and making the same. K. Kaden. Re. 21,263; Nov. 14.
Spring and shock absorber, Hydraulic-air. R. Richter. 2,147,990; Feb. 21.
Spring arrangement. W. Doblhoff. 2,146,943; Feb. 14.
Spring assemblies or spring fillings, Apparatus for making. H. Büttner. 2,177,862; Oct. 31.
Spring assembly. F. S. Price. 2,143,742; Jan. 10.
Spring assembly. G. E. Taylor. 2,145,408; Jan. 31.
Spring assembly for upholstery. W. W. Gleason. 2,148,118; Feb. 21.
Spring attaching means. J. T. Pfeiffer. 2,149,746; Mar. 7.
Spring bar. C. B. Greenberg. 2,157,408; May 9.
Spring catch release. G. A. Tinnerman. 2,185,161; Dec. 26.
Spring clip. C. E. Marshall. 2,171,630; Sept. 5.
Spring clip. F. W. Waterman, Jr. 2,164,264; June 27.
Spring clip device. J. H. Van Uum. 2,156,670; May 2.
Spring coiling machine. C. R. Bergevin and E. W. Halvorsen. 2,170,984; Aug. 29.
Spring construction. P. H. Pretz. 2,148,640; Feb. 28.
Spring construction. G. Stinson and S. Hendrickson. 2,142,359; Jan. 3.
Spring-controlled mechanism. G. Carwardine. 2,161,334; June 6.
Spring coupling machine. F. R. Zimmerman. 2,150,755; Mar. 14.
Spring cover. G. W. Crabtree. 2,152,030; Mar. 28.
Spring cover. G. W. Crabtree. 2,169,760; Aug. 15.
Spring cover. S. W. Lippitt. 2,157,418; May 9.
Spring cushion unit. M. J. Rymland. 2,151,155; Mar. 21.
Spring dampener. C. J. Holland. 2,183,100; Dec. 12.
Spring device. S. J. Becker. 2,169,787; Aug. 15.
Spring device. A. Mouw. 2,169,705 Aug. 15.
Spring device. J. K. Wood. 2,145,704; Jan. 31.
Spring device. J. K. Wood. 2,156,468; May 2.
Spring device, Coil. C. S. Case and C. Gratsinger. 2,143,299; Jan. 10.
Spring device for vehicles. T. V. Cox and W. M. Neale. 2,178,562; Nov. 7.
Spring feeding finger, Expanding a. G. Balas. 2,162,050; June 13.
Spring for cushioned seats, Wire. M. Freund. 2,177,175; Oct. 24.
Spring for railway cars, Friction. L. E. Endsley. 2,175,385; Oct. 10.
Spring for telescopic tubular guides, Longitudinal. F. E. Maier. 2,171,185; Aug. 29.
Spring forming machine, Coil. R. C. Winders. 2,165,600; July 11.
Spring hook. S. W. Long. 2,158,372–3; May 16.
Spring lead manufacture. H. E. Figgie and N. E. Hendrickson. 2,184,381; Dec. 26.
Spring liner construction. T. H. Thompson. 2,175,231; Oct. 10.
Spring machine appliances. C. H. Peterson and W. V. Moren. 2,161,084; June 6.
Spring making machine. G. G. Powers and C. H. Frederick. 2,144,387; Jan. 17.
Spring mechanism. A. F. Pym and P. E. Burby. 2,143,030; Jan. 10.
Spring mechanism. K. Rabe. 2,169,850; Aug. 15.
Spring mechanism for railway vehicles. K. Rabe. 2,166,769; July 18.
Spring motor. J. W. Richardson. 2,154,699; Apr. 18.
Spring mounting, Dual wheel. V. G. and E. V. Garnett. 2,150,322; Mar. 14.
Spring perch and brake bracket remover. S. Mandl. 2,165,285; July 11.
Spring retainer. C. C. Richard. 2,166,559; July 18.
Spring securing means. C. F. Hirshfeld. 2,175,118; Oct. 3.
Spring shackle. V. P. McVoy. 2,172,029; Sept. 5.
Spring shackle. A. N. Porter. 2,152,388; Mar. 28.
Spring shackle assembly. J. H. Roberts. 2,183,923; Dec. 19.
Spring stabilizer. R. J. Taub. 2,175,005; Oct. 3.
Spring structure. A. Krakauer. 2,156,728; May 2.
Spring structure. J. Pleet. 2,148,961; Feb. 28.
Spring structure and making same, Fabricated. K. V. Hart. 2,183,564; Dec. 19.
Spring structure for furniture. M. Thum. 2,158,441; May 16.
Spring structure, Wire. J. C. Hirschman. 2,161,165; June 6.
Spring structures, Method and apparatus in making. C. Kirchner. 2,176,262; Oct. 17.
Spring suspension. W. Boxan. 2,147,518; Feb. 14.
Spring suspension. C. A. Chayne. 2,159,203; May 23.
Spring suspension. C. A. Chayne. 2,182,248–9; Dec. 5.
Spring suspension. V. W. Erickson. 2,162,843; June 20.
Spring suspension. J. L. Gonard. 2,174,320; Sept. 26.
Spring suspension. K. Rabe. 2,161,431; June 6.
Spring suspension. C. D. Rice. 2,152,032; Mar. 28.
Spring suspension and mounting. G. H. Parker. 2,166,822; July 18.
Spring suspension device. W. W. Wood. 2,176,780; Oct. 17.
Spring suspension for automobiles. G. W. Crowell. 2,181,692; Nov. 28.
Spring suspension for fork-mounted wheels. C. Macbeth. 2,170,565; Aug. 22.
Spring suspension for motor vehicles and the like. G. Guérard. 2,167,403; July 25.
Spring suspension for vehicles. A. R. Clark. 2,153,237; Apr. 4.
Spring suspension for vehicles. I. Hinshaw. 2,184,188; Dec. 19.
Spring suspension for vehicles, Counterbalanced. L. K. Mitchell. 2,144,118; Jan. 17.
Spring suspension for vehicles, Differential. A. Trask. 2,176,159; Oct. 17.
Spring suspension means, Pneumatic. J. E. Johnson. 2,164,068; June 27.
Spring suspension, Trailer towing. J. H. Booth. 2,165,608; July 11.
Spring suspension, Vehicle. R. K. Lee and C. A. Tea. 2,173,652; Sept. 19.
Spring system, Pneumatic. J. E. Johnson. 2,185,128; Dec. 26.
Spring take-up for filter units. J. S. Irvine. 2,175,195; Oct. 10.
Spring terminal reinforcement. N. E. Hendrickson. 2,163,875; June 27.
Spring tester. E. W. Bitzer and H. W. Johnson. Re. 21,242; Oct. 24.
Spring tester, Coil. F. W. Gaskins. 2,164,453; July 4.
Spring tightening means for window sash. J. W. Shriver and F. S. Hoover. 2,163,965; June 27.
Spring unit. B. Martins. 2,153,196; Apr. 4.
Spring washer. F. R. McCrudden. 2,159,393; May 23.
Spring wheel. C. Berry. 2,148,924; Feb. 28.
Spring wire clip. C. H. Canfield. 2,170,586; Aug. 22.
Springing. H. Maruhn. 2,149,895; Mar. 7.
Springing arrangement. K. Fröhlich. 2,175,562; Oct. 10.
Springing arrangement for the wheels of vehicles. F. Porsche. 2,163,131; June 20.
Springing arrangement for vehicles. O. H. Arlt. 2,162,291; June 13.
Springing arrangement for vehicles. H. J. Schuh and W. Boxan. 2,166,880; July 18.
Springing elements, Making. E. H. Piron. 2,164,421; July 4.
Springing, Individual. J. W. Leighton. 2,173,973–4; Sept. 26.
Springs and the like, Attaching means for coil. S. S. Bernstein. 2,180,500; Nov. 21.
Springs for electrical switching apparatus, Set of contact. S. D. Vigren and S. G. F. Blomquist. 2,156,465; May 2.
Springs, Making helical. H. S. Peyton. 2,165,411; July 11.
Springs, Method and machine for making. H. S. Peyton. 2,176,719; Oct. 17.
Springs of spring units, Means and method for assembling the individual. G. E. Taylor. 2,172,483; Sept. 12.
Sprinkler. C. P. Kramer. 2,151,214; Mar. 21.
Sprinkler, Automatic. A. J. Loepsinger and H. E. Rose. 2,151,982; Mar. 28.
Sprinkler, Automotive traveling. J. H. Wilson. 2,152,425; Mar. 28.
Sprinkler, Grass. F. M. Spurlock. 2,184,901; Dec. 26.
Sprinkler head. W. B. Griffith. 2,165,477; July 11.

Sprinkler head, Pendant. W. K. Hodgman. 2,155,990; Apr. 25.
Sprinkler head signaling attachment. C. R. Murray, Sr. 2,152,146; Mar. 28.
Sprinkler, Oscillating. E. L. Davis. 2,181,227; Nov. 28.
Sprinkler, Smoke-controlled. A. J. Rathwell. 2,152,973; Apr. 4.
Sprinkler system. A. C. Rowley. 2,180,258; Nov. 14.
Sprinkler, Timed. A. W. Pfeffer. 2,149,899; Mar. 7.
Sprinkler, Variable speed rotary. W. A. Buckner. 2,160,121; May 30.
Sprocket. J. B. Doyle. 2,161,913; June 13.
Sprocket assembly. E. Ross. 2,146,767; Feb. 14.
Sprocket assembly for bicycles. F. S. Travis. 2,164,759; July 4.
Sprocket, Film. L. S. Frappier and A. Kindelmann. 2,179,550; Nov. 14.
Sprocket, Film. O. Wittel. 2,176,517; Oct. 17.
Sprocket film feed for motion picture projectors. E. Vollenweider. 2,144,210; Jan. 17.
Sprocket, Two-speed. L. G. Bowen. 2,176,054; Oct. 17.
Sprue-forming device. P. L. Perazo. 2,155,800; Apr. 25.
Spudding bit. E. L. Potts. 2,181,284; Nov. 28.
Sput, Barrel. L. M. Bell. 2,149,906; Mar. 7.
Sput in a metal container. Mounting a. E. G. Melrath. 2,160,598; May 30.
Square, level, protractor, etc., Combined. C. L. Dickson. 2,180,509; Nov. 21.
Square, Marking. W. L. Meers. 2,178,021; Oct. 31.
Square, Rafter. G. C. Hines. 2,176,798; Oct. 17.
Squaring and beveling tool. J. U. Davis. 2,183,446; Dec. 12.
Squeegee cleaning tool. H. Siemund. 2,179,223; Nov. 7.
Squeezer device. B. L. Hill. 2,184,454; Dec. 26.
Stabilized composition. L. B. Kilgore. 2,158,724; May 16.
Stabilized oscillating circuit. R. L. Snyder. 2,168,052; Aug. 1.
Stabilized oscillation generator. W. E. Kock. 2,179,791; Nov. 14.
Stabilized unit in ship structures and the like. T. Waller. 2,153,877; Apr. 11.
Stabilizer. F. F. Mains. 2,155,320; Apr. 18.
Stabilizer control for toy airplanes, Adjustable. H. A. Sellers, Jr. 2,156,741; May 2.
Stabilizer for airplane skis. B. W. Sznycer. 2,142,807; Jan. 3.
Stabilizer for baking oven trays. I. Elliott. 2,143,412; Jan. 10.
Stabilizer for ladders. R. A. Longtin. 2,152,895; Apr. 4.
Stabilizer for lubricating oil dye. J. I. Wasson and G. H. B. Davis. 2,163,300; June 20.
Stabilizer for stable bodies, Automatic equalizing flexible. A. B. Broluska. 2,142,173; Jan. 3.
Stabilizer, Gyroscopic. R. E. Tetens. 2,178,351; Oct. 31.
Stabilizer mechanism. W. D. Allison. 2,169,969; Aug. 15.
Stabilizer, Steering. M. B. Briggs. 2,151,851; Mar. 28.
Stabilizing circuit. D. V. Sinninger. 2,156,358; May 2.
Stabilizing device. M. L. Gianoli. 2,174,225; Sept. 26.
Stabilizing device. R. H. S. Hughes. 2,184,301; Dec. 26.
Stabilizing device. C. von den Steinen. 2,155,892; Apr. 25.
Stabilizing device. H. Wolf. 2,152,427; Mar. 28.
Stabilizing device for car trucks. E. W. Webb. 2,142,426; Jan. 3.
Stabilizing device for ships. C. von den Steinen. 2,155,456; Apr. 25.
Stabilizing preparation. S. Musher. 2,176,027; Oct. 10.
Stable compositions useful in the compounding of photographic developers. L. E. Muehler. 2,184,053; Dec. 19.
Stable products shortening the bleeding period. O. Ripke and K. Döttl. 2,162,863; June 20.
Stack dumper. A. R. Thompson. 2,172,685; Sept. 12.
Stacker, Lehr. T. F. Pearson. 2,154,992; Apr. 18.
Stacking fixture for presses. F. J. Minkel. 2,173,077; Sept. 12.
Stacking machine. F. E. Hooper. 2,167,045; July 25.
Stage device for conjuring representations. E. Pfannekuchen. 2,155,767; Apr. 25.
Stage, Mechanical. G. Lory. 2,148,908; Feb. 28.
Stage setting. E. Gilbert. 2,182,757; Dec. 5.
Stainer cover, Milk. L. F. Baird. 2,172,327; Sept. 5.
Stains and related compositions. E. R. Bush. 2,161,503; June 6.
Stair carpet fastener. W. A. Andrews. 2,145,850; Feb. 7.
Stair, Concealable. A. H. Frazier. 2,163,142; June 20.
Stair, Concrete. W. J. McAver. 2,150,586; Mar. 14.
Stair structures, Apparatus for precasting concrete. F. Kogl. 2,161,822; June 13.
Stairway, Moving. J. Dunlop. 2,152,795; Apr. 4.
Stairway, Moving. S. G. Margles. 2,163,693; June 27.
Stairway, Moving. S. G. Margles. 2,183,334; Dec. 12.
Stake body for vehicles. H. Cohen. 2,164,448; July 4.
Stake, Tent. R. H. Wright. 2,149,081; Feb. 28.
Stake, Vehicle. B. Skoog. 2,152,421; Mar. 28.
Staker for check rower planters, Double. W. H. Nichols. 2,145,991; Feb. 7.
Stall, Service. L. Fish. 2,169,183; Aug. 8.
Stall, Shower. G. A. Nilson. 2,173,693; Sept. 19.
Stall, Urinal. R. H. Zinkil and G. R. McCurdy. 2,147,588; Feb. 14.
Stamp. F. W. Humphner. 2,156,018; Apr. 25.
Stamp. W. J. Pannier, Jr. 2,176,595; Oct. 17.
Stamp, Hand. C. A. McKune. 2,162,102; June 13.
Stamp, Hand printing. O. Uhl, Jr. 2,176,160; Oct. 17.
Stamp holder. W. Betz. 2,157,226; May 9.
Stamp, Marking. D. H. Hardy. 2,159,697; May 23.
Stamp mill. B. B. Buck. 2,177,935; Oct. 31.
Stamp-mutilating device. A. E. Davis. 2,175,284; Oct. 10.
Stamp, Revenue. J. B. Lawrence. 2,150,718; Mar. 14.
Stamp, Rubber. S. H. Moss. 2,143,833; Jan. 10.
Stamp transfers and the like, Method and means for unremovably securing. F. W. Humphner. 2,168,989; Aug. 8.
Stamped metal wheel. J. H. Hunt. 2,157,175; May 9.
Stamping machine. W. H. Davis. 2,180,037; Nov. 14.
Stamping machine for linen or the like, Self-inking. H. P. Pallesen. 2,154,578; Apr. 18.
Stamping type holder. R. E. Beckert. 2,147,480; Feb. 14.
Stamping wheel. C. F. Adams. 2,184,510; Dec. 26.
Stampings, Producing. J. Vehko. 2,166,226; July 18.

Stand: *See*—

Baby bathing and dressing stand.
Back-up stand.
Barbecue stand.
Bobbin stand.
Bookkeeping machine stand
Business machine stand.
Case and display stand.
Christmas tree stand.
Cooking utensil stand.
Demountable stand.
Desk stand.
Dispensing and display stand.
Display stand.
Engine stand.
Floor and tub stand.
Flowerpot stand.
Fruit display stand.
Iron stand.
"Memo" stand.
Music stand.
Portable stand.
Produce stand.
Projector stand.
Quilting frame stand.
Reading stand.
Refrigerated display stand.
Smoker's stand.
Supporting stand.
Switch stand.
Tool stand.
X-ray tube stand.

Stand. F. J. Hruska and E. D. Greedy. 2,158,020; May 9.
Stand and filing rack, Combined display. H. Goldman. 2,169,095; Aug. 8.
Stand and guard, Vehicle. C. S. Minton. 2,171,042; Aug. 29.
Stand and holder, Sanctuary candle. W. T. McCauley. 2,176,536; Oct. 17.
Stand for baskets, Folding. E. A. Florang. 2,175,288; Oct. 10.
Stand for furniture casters, slides, or the like, Display. R. D. Mount. 2,172,172; Sept. 5.
Stand for hanging objects. A. E. Bjernekull. 2,147,330; Feb. 14.
Stand for holding match packages. K. Landauer. 2,155,096; Apr. 18.
Stand for musical instruments, Folding. B. E. Walberg. 2,153,821; Apr. 11.
Stand for stockings and the like, Display. E. J. Berger and H. W. Matthews. 2,165,915; July 11.
Stand for supporting light projecting or light receiving units. J. Gelb. 2,171,028; Aug. 29.
Stand head. K. Schencke. 2,179,426; Nov. 7.
Stand or holder, Crocket. D. E. Baldwin. 2,162,294; June 13.
Stand or holder for a preserve dish or jar or like container for table use. L. S. Jeffay. 2,158,626; May 16.
Standard, Field. G. A. Ross. 2,160,754; May 30.
Standard for optical pyrometry. R. C. Machler. 2,176,087; Oct. 17.
Standard for theatre chairs, End. A. C. Sellers. 2,180,999; Nov. 21.
Standard protector, Cloth cutting machine. F. S. Smith. 2,161,103; June 6.
Staple. E. C. Gillette. 2,142,782; Jan. 3.
Staple driving machine. R. E. Peterson. 2,147,380; Feb. 14.
Staple driving machine. F. Polzer. 2,160,514; May 30.
Staple for blind stitching. A. H. Maynard. 2,158,242; May 16.
Staple forming and driving machine, Combined. A. F. Fischer. 2,179,036; Nov. 7.
Staple machine. F. R. Curtiss. 2,174,152; Sept. 26.
Staple machine. F. R. Curtiss. 2,178,391; Oct. 31.
Staple strip and preparing the same. C. B. Goodstein. 2,154,306; Apr. 11.
Staple tacker and attachments. R. E. Peterson. 2,143,384; Jan. 10.
Staple, Upholstery. P. Walenta. 2,168,076; Aug. 1.
Stapler. E. L. Sibley. 2,164,260; June 27.
Stapler. S. Svenson. 2,176,937; Oct. 24.
Staples, Forming pin ticket. A. K. Marsh. 2,155,168; Apr. 18.
Stapling and device therefor, Method of. C. B. Goodstein. 2,161,810; June 13.
Stapling appliance. H. M. Sears and S. Rothenberg. 2,174,708; Oct. 3.
Stapling device. W. G. Pankonin. 2,165,572; July 11.
Stapling device and method. E. R. Posnack. 2,153,874; Apr. 11.
Stapling machine. L. M. Abbate. 2,143,427; Jan. 10.
Stapling machine. L. Brownstein. 2,178,354; Oct. 31.
Stapling machine. E. Krantz. 2,154,755; Apr. 18.
Stapling machine. G. C. Passek. 2,150,127; Mar. 7.

Stapling machine. A. L. Rosenmund. 2,143,577; Jan. 10.
Stapling machine. L. A. Thomson. 2,154,366; Apr. 11.
Stapling machine core W. F. Weber. 2,181,387; Nov. 28.
Stapling method and device. E. R. Posnack. 2,172,259; Sept. 5.
Stapling, Method of and means for. W. L. Sorenson. 2,183,978; Dec. 19.
Star-disk roller bit. J. A. Zublin. 2,154,554; Apr. 18.
Starch and using the same, Laundry. R. E. Hall. 2,149,734; Mar. 7.
Starch, Apparatus and method for converting. R. A. Gale. 2,148,016; Feb. 21.
Starch applying machine. F. B. Hirsch. 2,159,949; May 23.
Starch composition. J. F. Walsh and W. L. Morgan. 2,170,272; Aug. 22.
Starch composition and process. J. F. Walsh and W. L. Morgan. 2,170,271; Aug. 22.
Starch-containing product and method, Water-resistant. H. E. Bode. 2,165,834; July 11.
Starch derivatives and process, Organic. R. W. Maxwell. 2,148,951; Feb. 28.
Starch, Drying. C. Hagen. 2,144,333; Jan. 17.
Starch, Drying. H. Schorn and C. V. Daumas. 2,180,968; Nov. 21.
Starch grits, Producing dustless. W. J. Lauterbach. 2,178,235; Oct. 31.
Starch, Manufacturing cold swelling. F. A. Möller. 2,147,104; Feb. 14.
Starch modification products, Manufacture of. P. A. Singer. 2,175,486; Oct. 10.
Starch pastes, Preparing. J. J. Willaman, R. A. Diehm, and E. W. Clark. 2,153,445; Apr. 4.
Starch process. A. H. Kelling. 2,171,796; Sept. 5.
Starch products, Manufacturing. H. Schorn and C. V. Daumas. 2,177,378; Oct. 24.
Starch solutions, Production of. J. Müller. 2,173,041; Sept. 12.
Starch, Tabling mill. E. F. Schroeder. 2,154,078; Apr. 11.
Starch, Treating. A. C. Horesi. 2,168,524; Aug. 8.
Starches, Extraction of root. F. H. Thurber. 2,149,802; Mar. 7.
Starching machine. A. R. Allsup. 2,169,457; Aug. 15.
Starter and generator, Combined engine. É. Schaeren. 2,151,487; Mar. 21.
Starter, Automatic oscillation. W. E. Kock and J. F. Jordan. 2,143,822; Jan. 10.
Starter control, Engine. A. Callsen. 2,143,683; Jan. 10.
Starter control, Engine. J. B. Dyer. 2,153,826; Apr. 11.
Starter control, Engine. P. H. Maurer. 2,151,041; Mar. 21.
Starter control for internal combustion engines. M. H. Elkin. Re. 21,128; June 27.
Starter control, Two-stage. M. H. Elkin. 2,178,098; Oct. 31.
Starter drive, Engine. C. S. Janes. 2,167,891; Aug. 1.
Starter, Engine. R. Chilton. 2,163,829; June 27.
Starter, Engine. E. M. Claytor. 2,151,954; Mar. 28.
Starter, Engine. H. Walter. 2,152,005; Mar. 28.
Starter for combustion engines, Electric. A. S. Fisk. 2,151,962; Mar. 28.
Starter for engines. A. H. Abell. 2,159,514; May 23.
Starter, Engine. R. P. Lansing. 2,160,479; May 30.
Starter for internal combustion engines. W. C. Criley. 2,150,026; Mar. 7.
Starter, Gyroplane rotor. E. Daland. 2,143,688; Jan. 10.
Starter switch. R. M. Critchfield and J. W. Lawson. 2,143,104; Jan. 10.
Starting apparatus for internal combustion engines. H. Klein. 2,146,746; Feb. 14.
Starting apparatus for internal combustion engines. A. Weiss. 2,151,492; Mar. 21.
Starting block. G. T. Bresnahan. 2,144,962; Jan. 24.
Starting box. T. A. Keen. 2,156,043; Apr. 25.
Starting device, Automatic. I. E. Coffey. 2,174,313; Sept. 26.
Starting device, Automatic. G. R. Ericson. 2,147,019; Feb. 14.
Starting device, Automatic. R. H. Hill and K. R. Blake. 2,169,247; Aug. 15.
Starting device, Electric. B. M. Cox. 2,143,103; Jan. 10.
Starting device for cutting torches. G. L. Walker. 2,158,489; May 16.
Starting device for internal combustion engines. K. Schlenker. 2,180,612; Nov. 21.
Starting device for internal combustion engines, Automatic. L. J. Cuthbertson. 2,165,133; July 4.
Starting device for internal combustion engines, Automatic. L. M. Williams. 2,151,400; Mar. 21.
Starting device for internal combustion motors and similar engines. O. R. Fritz. 2,181,805; Nov. 28.
Starting device, Full floating. W. Lingo. 2,167,618; July 25.
Starting means for free pistons motor compressors. R. Pateras Pescara. 2,168,828; Aug. 8.
Starting means for internal combustion engines. E. V. Rippingille. 2,142,210; Jan. 3.
Starting mechanism for explosive engines. J. L. Yarian. 2,164,673; July 4.
Starting mechanism for internal combustion engines. A. Grözinger. 2,146,733; Feb. 14.
Starting mechanism for internal combustion engines. W. Wait, Jr., and C. M. Vought. 2,169,309; Aug. 15.
Starting system. A. K. Antonsen. 2,148,227; Feb. 21.
Starting system for internal combustion engines. W. O. Baer and E. W. Seeger. 2,144,786; Jan. 24.
Static eliminating means for carbon dioxide apparatus. H. E. Heigis. 2,157,965; May 16.
Static eliminator. J. Simons. 2,163,294; June 20.
Static pressure measuring device. A. S. Chipley and R. L. Leadbetter. 2,182,280; Dec. 5.
Static pressure measuring tube. H. Karlsson and J. Waitkus. 2,173,688; Sept. 19.
Static rejector. P. M. Haffcke. 2,146,068; Feb. 7.
Station, Automatic gasoline. P. K. Masson. 2,177,834; Oct. 31.
Station construction, Filling. D. D. Hogarth. 2,182,126; Dec. 5.
Station equipment. T. L. Hollister. 2,166,591; July 18.
Station indicator, Automatic. H. Y. Mageoch. 2,171,857; Sept. 5.
Station selection. W. J. Zenner. 2,152,010; Mar. 28.
Station selector for radio receivers, Automatic. E. H. Pitney. 2,172,623; Sept. 12.
Station selector system. J. O. Carr. 2,148,435; Feb. 28.
Station selector system. G. Kiner. 2,184,387; Dec. 26.
Stationery and envelope, Combination. H. M. Harrison. 2,147,897; Feb. 21.
Stationery, Making continuous manifolding. C. W. Brenn. 2,181,117; Nov. 28.
Stationery, Manifolding continuous. M. S. Roosevelt and G. L. Bezold. 2,166,075; July 11.
Stationery strip, Multiform. A. H. Phillips and W. Allan, Jr. 2,149,544; Mar. 7.
Statistical machine. W. B. Austin. 2,181,166–7; Nov. 28.
Statistical machine, Record-card-controlled. H. H. Keen. 2,174,699; Oct. 3.
Statistical machine, Record controlled. R. Warren. 2,150,256; Mar. 14.
Stator structure for dynamo-electric machines. W. D. Crocker. 2,151,955; Mar. 28.
Stator-structure for synchronous electric motors. A. B. Poole. 2,171,990; Sept. 5.
Stay and combination thereof with a hat box, Hat packing. J. G. Huye. 2,180,524; Nov. 21.
Stay for pan sets. J. G. Jackson. 2,153,757; Apr. 11.
Stay for windows or similar closures. A. de Vries. 2,164,732; July 4.
Steadying device, especially for motor vehicles, Hydraulic. W. Zenz. 2,142,296; Jan. 3.
Steam, Apparatus for generating. B. F. Randel. 2,162,746; June 20.
Steam bath cabinet. A. B. Stout. 2,156,361; May 2.
Steam boiler. E. R. Cole. 2,175,281; Oct. 10.
Steam boiler. L. W. Heller. 2,159,557; May 23.
Steam boiler. J. H. Rohrer. 2,153,592; Apr. 11.
Steam boiler. E. Vigneault. 2,158,735; May 16.
Steam boiler regulator. J. W. Harrie. 2,176,132; Oct. 17.
Steam charging device for unfired pressure vessels. B. Wheeler. 2,173,318; Sept. 19.
Steam cleaning of the core in the process of electrodeposition of metal thereon. F. L. Antisell. 2,142,486; Jan. 3.
Steam drier. P. Pascale. 2,176,097; Oct. 17.
Steam ejector. E. G. Ross. 2,183,623; Dec. 19.
Steam engine valve. R. W. Clifford. 2,145,293; Jan. 31.
Steam for orchards and gardens, Apparatus for heating and circulating. S. Yoshinaka. 2,175,422; Oct. 10.
Steam, Generating. W. Homoky. 2,146,431; Feb. 7.
Steam generating and superheating apparatus. M. H. Kuhner. 2,158,509; May 16.
Steam generating system. A. Clarkson. 2,160,644; May 30.
Steam generator. A. E. Duram. 2,147,574; Feb. 14.
Steam generator. A. E. Duram. 2,167,545; July 25.
Steam generator. W. B. Kerrick. 2,154,683; Apr. 18.
Steam generator. M. H. Kuhner. 2,158,508; May 16.
Steam generator. D. K. Wright. 2,145,104; Jan. 24.
Steam generator apparatus. H. C. Egloff. 2,155,039; Apr. 18.
Steam generator, Electric. R. W. E. Vickery. 2,180,445; Nov. 21.
Steam generator, Forced circulation. H. Vorkauf. 2,169,935; Aug. 15.
Steam heating. M. W. Stout. 2,176,230; Oct. 17.
Steam joint. E. L. Few. 2,180,407; Nov. 21.
Steam plant. C. G. Wallin. 2,167,469; July 25.
Steam, Purifying. B. Block and O. Hartmann. 2,149,160; Feb. 28.
Steam radiator valve. H. R. Goodale. 2,146,731; Feb. 14.
Steam testing method and apparatus. S. T. Powell and I. G. McChesney. 2,146,312; Feb. 7.
Steam trap. T. N. Adlam. 2,157,470; May 9.
Steam trap. T. W. Clark. 2,179,145; Nov. 7.
Steam trap. C. W. Zies. 2,174,485; Sept. 26.
Steam trap, Thermal expansion. G. R. Crowther and J. P. Goodman. 2,163,667; June 27.
Steaming device. A. B. Jones. 2,149,605; Mar. 7.
Steaming implement. E. Voigt. 2,172,917; Sept. 12.
Steel, F. M. Becket and R. Franks. 2,158,651–2; May 16.
Steel. O. E. Harder. 2,182,758–9; Dec. 5.
Steel, Alloy. A. R. Kinzel. 2,152,434; Mar. 28.
Steel, Alloy. D. E. Krause and C. H. Lorig. 2,165,553; July 11.

Steel, Alloy. G. R. Rich. 2,170,267; Aug. 22.
Steel alloy and making same, Permanent magnet. G. B. Jonas. 2,156,019; Apr. 25.
Steel alloy, Scale-resisting. G. Riedrich. 2,157,146; May 9.
Steel and iron detector. G. C. Prokopenko. 2,161,635; June 6.
Steel and other alloys, Quenching. C. W. Wilson. 2,178,925; Nov. 7.
Steel and other metals from ore, Process and apparatus for the direct production of. A. and A. Auriol. 2,168,597; Aug. 8.
Steel and the manufacture thereof, Sensitivity controlled. H. W. Graham and S. L. Case. 2,174,740; Oct. 3.
Steel, Apparatus for treating strip. A. Simon. 2,182,060; Dec. 5.
Steel baths, Deoxidation of. O. Johannsen. 2,173,205; Sept. 19.
Steel building panel. R. G. Le Tourneau. 2,180,830; Nov. 21.
Steel clad with a copper base metal and the product thereof, Producing. T. B. Chace. 2,145,248; Jan. 31.
Steel clad with stainless steel, Method of and means for producing. T. B. Chace. 2,169,354; Aug. 15.
Steel, Coloration of stainless. C. Batcheller. 2,172,353; Sept. 12.
Steel construction. A. Henderson. 2,152,189; Mar. 28.
Steel, Corrosion resistant. R. Franks. 2,159,725; May 23.
Steel, Dephosphorizing and desulphurizing. R. P. Lemoine. 2,147,205–6; Feb. 14.
Steel for musical instruments. H. E. Burgien. 2,184,733; Dec. 26.
Steel for the manufacture of motor valves, Alloy. G. R. Rich. 2,170,268; Aug. 22.
Steel, Free machining open hearth. J. A. Ridgely. 2,157,673; May 9.
Steel, Hack saw. H. A. Pavitt. 2,158,036; May 9.
Steel, Heat resisting alloy. B. H. De Long and O. V. Greene. 2,165,035; July 4.
Steel, Heat treating spheroidized. W. J. Conley. 2,166,839; July 18.
Steel, High-speed tool. E. B. Welch and L. G. Firth. 2,185,006; Dec. 26.
Steel ingot, Casting. L. B. Lindemuth. 2,183,576; Dec. 19.
Steel ingots and chilling cap therefor, Producing rimmed. G. A. Dornin. 2,143,410; Jan. 10.
Steel, Light weight construction. B. D. Saklatwalla. 2,171,375; Aug. 29.
Steel, Making. M. W. Ditto. 2,175,182; Oct. 10.
Steel making. C. B. Francis. 2,173,535; Sept. 19.
Steel, Making. C. D. King. 2,162,437; June 13.
Steel, Making. J. C. Vignos. 2,179,167; Nov. 7.
Steel manufacture, Chromium alloy. M. J. Udy. 2,176,686; Oct. 17.
Steel, Manufacture of. J. C. Witherspoon. 2,181,468; Nov. 28.
Steel, Manufacturing a free machining case-hardening. J. A. Ridgely. 2,157,674; May 9.
Steel, Pickling of. D. C. Hilty. 2,178,791; Nov. 7.
Steel production. M. W. Ditto. 2,175,181; Oct. 10.
Steel, Production of low carbon. S. Westberg. 2,164,727; July 4.
Steel retainer. J. F. Mock. 2,169,921; Aug. 15.
Steel retainer. W. A. Smith, Sr. 2,182,365; Dec. 5.
Steel section. W. S. Brink. 2,149,757; Mar. 7.
Steel sections, Making. W. S. Brink. 2,159,371; May 23.
Steel sheet and plate and the manufacture thereof. F. G. White. 2,161,116; June 6.
Steel sheets, Method and apparatus for producing. G. E. Black. 2,165,917; July 11.
Steel, Stainless. R. Franks. 2,159,724; May 23.
Steel, Stainless. A. L. Kaye, R. S. Williams, and J. Wulff. 2,156,914; May 2.
Steel, Stainless. A. L. Kaye, R. S. Williams, and J. C. Wulff. 2,172,388; Sept. 12.
Steel strips, Coating. T. B. Chace. 2,156,331; May 2.
Steel treatment. S. Epstein and H. C. Larson. 2,181,693; Nov. 28.
Steel, Treatment of stainless. H. O. Kauffmann and R. L. McEwen. 2,174,516; Oct. 3.
Steel welding rod. A. R. Lytle. 2,145,604; Jan. 31.
Steel wool pads and apparatus, Making. N. H. McRae and E. V. Coulter. 2,144,264; Jan. 17.
Steels, Apparatus for shanking drill. J. Monzroll. 2,144,193; Jan. 17.
Steels, Heat treating chromium-containing corrosion and/or heat resisting. R. H. Aborn and J. J. B. Rutherford. 2,153,906; Apr. 11.
Steels, Manufacture of high speed. E. Houdremont and H. Schrader. 2,159,086; May 23.
Steels, Treatment of austenitic. H. H. Giles. 2,145,171; Jan. 24.
Steels, Welding hardenable. F. Rapatz. 2,156,307; May 2.
Steering accessory. J. L. Barr and J. C. Houghton. 2,172,693; Sept. 12.
Steering and braking mechanism, Combined. W. W. Gilbert. 2,168,201; Aug. 1.
Steering and lock assembly, Automobile. R. A. Sandberg. 2,184,652; Dec. 26.
Steering apparatus. B. Chance. 2,185,074; Dec. 26.
Steering apparatus. G. J. Mannfolk. 2,155,055; Apr. 18.
Steering apparatus, Combination hand and power. M. B. Benson. 2,166,206; July 18.
Steering booster. W. Stelzer. 2,151,998; Mar. 28.
Steering column lock. W. C. Edwards. 2,148,609; Feb. 28.
Steering control attachment. W. Jay. 2,143,271; Jan. 10.
Steering device for endless track driven vehicles. W. von Bleichert. 2,151,287; Mar. 21.
Steering device responsive to radio signals. H. Moueix. 2,176,469; Oct. 17.
Steering gear. A. W. Phelps and W. A. Kull. 2,159,225; May 23.
Steering gear. B. Twyman. 2,168,659; Aug. 8.
Steering knuckle joint. M. Katcher. 2,178,206; Oct. 31.
Steering linkage. M. A. Thorne. 2,152,506; Mar. 28.
Steering means. T. L. Cowles. 2,153,862; Apr. 11.
Steering means for tractors, Automatic. G. From. 2,156,977; May 2.
Steering mechanism. L. K. Davis. 2,146,467; Feb. 7.
Steering mechanism. F. A. Fox. 2,167,943; Aug. 1.
Steering mechanism. S. Johnson, Jr. 2,168,480; Aug. 8.
Steering mechanism. A. P. Reitz. 2,180,430; Nov. 21.
Steering mechanism. R. S. Sanford and V. W. Kliesrath. 2,163,892; June 27.
Steering mechanism for automobiles. E. J. Walsh. 2,169,861; Aug. 15.
Steering mechanism for automobiles, and correspondingly steered vehicles. O. A. Olsen. 2,182,596; Dec. 5.
Steering mechanism for parking automobiles. H. Drachenberg and W. Schwab. 2,142,266; Jan. 3.
Steering mechanism for road trailers, Hydraulic. L. H. Vanderwerf. 2,152,511; Mar. 28.
Steering mechanism for road vehicles. H. A. Centervall. 2,143,858; Jan. 17.
Steering mechanism for self-propelled vehicle. J. M. Colby. 2,159,983; May 30.
Steering mechanism, Power. R. Tinker. 2,150,011; Mar. 7.
Steering mechanism, Shock resisting. M. W. Gieskieng. 2,144,489; Jan. 17.
Steering stabilizer for tractors. F. J. Dultmeier. 2,145,236; Jan. 31.
Steering unit for row-crop tractors, Convertible. W. Warneke. 2,178,505; Oct. 31.
Steering wheel. H. A. Husted. 2,146,703; Feb. 7.
Steering wheel. S. P. Jonas. 2,162,088; June 13.
Steering wheel. J. W. Kaye. 2,179,013; Nov. 7.
Steering wheel device. J. Sinko. 2,142,766; Jan. 3.
Steering wheel for motor vehicles. C. B. Seaman. 2,144,000; Jan. 17.
Steering wheel, Heated and illuminated. O. E. Becker. 2,147,599; Feb. 14.
Steering wheel protector. A. J. Iller. 2,172,584–5; Sept. 12.
Steering wheel, Rubber. G. S. Hendrie. 2,155,488; Apr. 25.
Stem. J. and E. Harris. 2,159,698; May 23.
Stem for electric lamps and similar devices. J. Flaws, Jr. 2,143,690; Jan. 10.
Stem for electron discharge devices. G. M. Rose, Jr. Re. 21,163; July 25.
Stem for electron discharge devices. L. R. Shardlow. 2,151,809; Mar. 28.
Stem for fire hydrants, Breakable. E. E. Cline. 2,171,078; Aug. 29.
Stem joint or safety catch, Combined attaching eye and pin. E. Morehouse. 2,164,018; June 27.
Stemmer, Fruit. W. E. Urschel. 2,180,567; Nov. 21.
Stems for sealed electrical devices, Making. A. J. White and P. J. Johnson. 2,153,404; Apr. 4.
Stencil. H. P. Elliott. 2,145,300; Jan. 31.
Stencil. H. F. Rugenstein. 2,175,364; Oct. 10.
Stencil attachment for spray guns. M. S. Papazian. 2,152,274; Mar. 28.
Stencil decorating, Apparatus for. J. C. Smith. 2,166,269; July 18.
Stencil hawk. W. J. Weesner. 2,167,699; Aug. 1.
Stencil moistener, Automatic. H. P. Elliott. 2,152,180; Mar. 28.
Stencil, Nail coating. F. F. Hamilton and A. R. Lundquist. 2,180,519; Nov. 21.
Stencil, Sand blasting. C. E. Frick. 2,162,332; June 13.
Stencil sheet. H. M. Carscallen. 2,177,768; Oct. 31.
Stenciling. R. G. Drew. 2,156,279; May 2.
Stenciling apparatus. L. O. Mankin and L. D. Soubier. 2,183,223; Dec. 12.
Stenciling apparatus. H. W. Schneider. 2,179,222; Nov. 7.
Stenciling apparatus. T. H. Sloan. 2,146,773; Feb. 14.
Stenciling apparatus. L. D. Soubier. 2,157,638; May 9.
Stenciling apparatus. H. L. Whisner. 2,174,298; Sept. 26.
Stenciling apparatus, Multicolor. H. W. Schneider and E. R. Lowndes. 2,153,435; Apr. 4.
Stenciling machine. J. C. Smith. 2,169,619; Aug. 15.
Stenciling, Method of and apparatus for. T. H. Sloan. 2,142,158; Jan. 3.
Step. A. Henderson. 2,153,017; Apr. 4.
Step, Amphibian hull resilient. W. S. Diehl. 2,167,644; Aug. 1.
Step attachment for ladders. M. R. Myers. 2,148,958; Feb. 28.
Step-by-step mechanism. C. A. Ropp. 2,184,946; Dec. 26.

Step construction. A. Henderson. 2,154,937; Apr. 18.
Step, Foldable. G. Linstead and C. R. Polstra. 2,153,946; Apr. 11.
Step, Folding. H. F. Linker. 2,142,949; Jan. 3.
Step, Folding. B. E. and B. R. Sarles. 2,158,949; May 16.
Step, Folding car. R. G. Nichols. 2,162,964; June 20.
Step for vehicles. S. T. Evans. 2,145,647; Jan. 31.
Stepladder. M. J. Lewis. 2,146,020; Feb. 7.
Stepladder. J. H. Ligon. 2,166,255; July 18.
Stepladder. L. L. Mohr. 2,156,397; May 2.
Stepladder attachment. W. C. Heidel. 2,183,191; Dec. 12.
Stepladder, Folding. K. O. Muehlberg. 2,167,157; July 25.
Stepladder, trestle, and the like. W. Chew. 2,184,486; Dec. 26.
Step or rung. C. F. Keuthan. 2,179,412; Nov. 7.
Step, Railroad passenger car. K. F. Nystrom. 2,154,107; Apr. 11.
Step, Trailer. W. V. Thelander. 2,153,945; Apr. 11.
Step unit, Prefabricated. S. A. Rosenberger. 2,171,951; Sept. 5.
Stereograms, Arrangement for taking parallactic panorama. E. Friedmann and B. Reiffenstein. 2,175,114; Oct. 3.
Stereo-optic instrument. H. Sauer and O. Vierling. 2,168,273; Aug. 1.
Stereophotography. G. Wilmanns and W. Schneider. 2,168,183; Aug. 1.
Stereopticon slide. M. Banner. 2,166,335; July 18.
Stereopticon slide and producing same. B. J. Kleerup. 2,164,655; July 4.
Stereoscope, Folding. J. A. Long. 2,145,423; Jan. 31.
Stereoscope, Folding portable. J. E. King and V. R. Powell. 2,178,324; Oct. 31.
Stereoscope, Phorometric. E. Krimsky. 2,166,063; July 11.
Stereoscopic device. C. H. Stanley. 2,169,397; Aug. 15.
Stereoscopic observation instrument, such as stereoscopic rangefinders. J. W. French. 2,166,046; July 11.
Stereoscopic photographic effects, Producing. I. M. Terwilliger. 2,174,766; Oct. 3.
Stereoscopic range finder. O. Eppenstein. 2,144,257; Jan. 17.
Stereoscopic shift. W. Bader and R. Licher. 2,178,867; Nov. 7.
Sterilizer. S. Duberstein and N. Lawner. 2,158,692; May 16.
Sterilizer. G. Hettinger. 2,158,698; May 16.
Sterilizer. A. O. Mickelsen. 2,165,497; July 11.
Sterilizer, Bottle. M. W. Connors. 2,174,341; Sept. 26.
Sterilizer for hypodermic syringes and the like, Electric. R. V. Brandt. 2,166,284; July 18.
Sterilizer for surgical dressings. M. H. Seybert. 2,173,733; Sept. 19.
Sterilizing and storage cabinet. M. Selig. 2,146,688; Feb. 7.
Sterilizing apparatus. G. Grindrod. 2,170,195; Aug. 22.
Sternpost construction. E. Chapman. 2,176,888; Oct. 24.
Sterol derivatives, Preparation of. R. E. Marker. 2,144,726; Jan. 24.
Sterols and producing the same, Valuable degradation products of. L. Strassberger and H. Jacobi. 2,180,095; Nov. 14.
Sterols and the products thus obtained, Preparing derivatives of halogenated. J. Weijlard and J. R. Stevens. 2,168,379; Aug. 8.
Stethoscope. S. Silka. 2,158,764; May 16.
Stick, Clothes. L. B. Embree. 2,173,296; Sept. 19.
Stick connection, Picker. K. H. Bowen. 2,173,776; Sept. 19.
Stick for airplanes, Student's control. J. C. Ziegler. 2,163,114; June 20.
Stick-holding rack. E. L. Elwell. 2,179,210; Nov. 7.
Sticks, Balancing. O. Olsen. 2,167,992; Aug. 1.
Sticks or ribbons of chewing gum or the like, Forming. F. A. Garbutt. 2,156,810; May 2.
Stiffener placing machine. B. Jorgensen. 2,150,279; Mar. 14.
Stiffening, body, or finish to textiles and the like in laundering and other operations, Imparting. N. C. Finnell. 2,149,046; Feb. 28.
Stiffening for box toes. H. R. Dittmar. 2,169,558; Aug. 15.
Still construction and the like. C. F. Pollen. 2,168,272; Aug. 1.
Still mechanism for motion picture projectors. H. C. Wellman. 2,165,431; July 11.
Still residues, Decolorization of. S. G. Burroughs. 2,183,830; Dec. 19.
Stilt, Adjustable. B. F. Taylor. 2,172,645; Sept. 12.
Stippler, Shielded roll. D. Welt. 2,160,570; May 30.
Stirring device and tool. H. C. Mariner. 2,163,758; June 27.
Stirrup assembly. W. E. Mathews. 2,159,668; May 23.
Stirrup for skis. J. Bertrand. 2,152,527; Mar. 28.
Stitch-cutting machine. G. Hazelton. 2,180,414; Nov. 21.
Stitcher. R. B. Doty and F. A. Ross. 2,164,802; July 4.
Stitching machine. J. W. Bedard. 2,159,722; May 23.
Stitching machine. E. J. Trepp. 2,166,028; July 11.
Stock attaching device for firearms. A. F. Laudensack. 2,155,498; Apr. 25.
Stock car. D. S. and D. B. Munro. 2,166,475; July 18.
Stock control means. C. L. Claff. 2,167,637; Aug. 1.
Stock controlled mechanism. C. E. Miller. 2,156,157; Apr. 25.
Stock enclosure, Electrically charged. C. P. Riepl. 2,146,229; Feb. 7.
Stock feeder. O. F. Herrington. 2,175,960; Oct. 10.
Stock feeding block. G. A. Walter. 2,183,437; Dec. 12.
Stock feeding means for automatic machine tools. S. Baxendale and J. Evasic. 2,155,634; Apr. 25.
Stock gripping means. S. B. Martin. 2,169,107; Aug. 8.
Stock holder, Portable. W. D. Haigh. 2,148,551; Feb. 28.
Stock line wearing element. H. Cope. 2,148,856; Feb. 28.
Stock quotation board, Automatic. C. Smith. 2,151,994; Mar. 28.
Stock quotation board, Automatic. C. Smith. 2,164,956; July 4.
Stock quotation display board, Automatic. C. Smith. 2,145,032; Jan. 24.
Stock quotation projecting machine. E. J. Anderson. 2,163,575; June 27.
Stock quotation projecting machine. A. D. Eitzen. 2,173,830; Sept. 26.
Stock quotation projection machine. A. D. Eitzen. 2,176,067; Oct. 17.
Stock quotation system. J. I. Bellamy. 2,158,101; May 16.
Stock quotation system. J. I. Bellamy. 2,179,736; Nov. 14.
Stock-quotation system. H. C. Robinson. 2,159,107; May 23.
Stock-quotation system. H. C. Robinson, J. I. Bellamy, and M. L. Nelson. 2,172,879; Sept. 12.
Stock ticker and tape puller. A. D. Eitzen. Re. 21,235; Oct. 17.
Stock watering device. W. W. Kreft. 2,164,716; July 4.
Stocks and bonds, Apparatus for giving information concerning. E. M. Schantz. 2,171,602; Sept. 5.
Stocking. E. J. Berger. 2,142,489; Jan. 3.
Stocking. R. E. Davis. 2,144,563; Jan. 17.
Stocking. R. E. Davis. 2,176,810; Oct. 17.
Stocking. E. C. Hinchliff. 2,169,203–4; Aug. 8.
Stocking and making same. J. Kugelman and J. E. Garrett. 2,180,593; Nov. 21.
Stocking and making the same. H. A. Houseman. 2,170,077; Aug. 22.
Stocking and making the same. H. E. Houseman. 2,170,078; Aug. 22.
Stocking and making the same. W. L. Houseman. 2,170,076; Aug. 22.
Stocking and making the same. H. C. Martin and L. R. Claflin. 2,164,749; July 4.
Stocking and making the same. W. Tait. 2,176,694; Oct. 17.
Stocking and producing same. W. H. Carothers. 2,157,116; May 9.
Stocking and producing same, Seamless knitted. H. McAdams. 2,171,452; Aug. 29.
Stocking, Full-fashioned. M. L. Dengler. 2,146,056; Feb. 7.
Stocking, Full fashioned. O. F. Smetana. 2,181,836; Nov. 28.
Stocking or the like, Woman's. R. Bloch. 2,166,748; July 18.
Stocking, Producing a. J. K. Cobert. 2,184,937; Dec. 26.
Stocking protector. D. Crichton. 2,163,423; June 20.
Stocking protector. H. R. Taylor. 2,179,027; Nov. 7.
Stocking structures, Formation of coursewise integrally knitted heel and instep. W. R. McCurdy and J. W. Boyle. 2,167,248; July 25.
Stocking tension device. H. B. Shiflet. 2,164,180; June 27.
Stocking, Toe. M. E. Yakimchick. 2,153,493; Apr. 4.
Stockings, Producing full-fashioned. E. J. Berger. 2,154,602; Apr. 18.
Stoker. C. W. Bros. 2,163,825; June 27.
Stoker. F. H. Brown. 2,150,908; Mar. 21.
Stoker. V. F. Clark. 2,166,040; July 11.
Stoker. E. L. De Mooy. 2,158,223; May 16.
Stoker. J. R. Graves. 2,165,098; July 4.
Stoker. S. J. Hendershott and B. Coleman. 2,177,179; Oct. 24.
Stoker. G. R. McGee. 2,167,955; Aug. 1.
Stoker. N. Ostrin. 2,143,898; Jan. 17.
Stoker. J. R. Robinson. 2,170,279; Aug. 22.
Stoker. F. P. Roesch. 2,175,161; Oct. 3.
Stoker. C. H. Snyder and A. W. Ferguson. 2,166,080; July 11.
Stoker. C. J. Surdy and E. A. Turner. 2,182,505; Dec. 5.
Stoker. E. A. Turner. 2,152,510; Mar. 28.
Stoker and furnace therefor. M. C. Richardson. 2,170,277; Aug. 22.
Stoker, Automatic. A. V. Sampsel. 2,164,350; July 4.
Stoker, Coal. J. F. Meduna. 2,176,092; Oct. 17.
Stoker, Coal. N. S. Miller. 2,143,328; Jan. 10.
Stoker construction. W. T. Hanna. 2,150,163; Mar. 14.
Stoker control. F. A. Hellmann and H. R. Statham. 2,178,171; Oct. 31.
Stoker control switch. L. R. Teeple. 2,142,462; Jan. 3.
Stoker control system. F. E. Lange. 2,176,009; Oct. 10.
Stoker, Domestic coal. P. Fricchione. 2,165,627; July 11.

Stoker drive, Wedge type gearless. W. W. Getz. 2,142,815; Jan. 3.
Stoker-fed furnace. F. E. Ford. 2,142,099; Jan. 3.
Stoker furnace. E. B. Priebe. 2,166,966; July 25.
Stoker, Furnace. L. A. Ward. 2,146,198; Feb. 7.
Stoker, Furnace. L. A. Ward. 2,151,574–5; Mar. 21.
Stoker, Locomotive. J. J. Kress. 2,155,604; Apr. 25.
Stoker, Locomotive. C. M. Stein. 2,169,534; Aug. 15.
Stoker, Locomotive. C. J. Surdy. 2,155,624; Apr. 25.
Stoker, Locomotive. C. J. Surdy. 2,164,726; July 4.
Stoker, Locomotive. E. A. Turner. 2,177,794; Oct. 31.
Stoker, Mechanical. R. W. Foster. 2,146,469; Feb. 7.
Stoker, Mechanical. H. E. Preston and J. S. Bennett. 2,173,883; Sept. 26.
Stoker, Mechanical. F. H. Ream. 2,143,743; Jan. 10.
Stoker, Mechanical. M. E. Yeager. 2,183,386; Dec. 12.
Stoker mechanism. R. E. Bressler. 2,163,370; June 20.
Stoker, Overfeed. H. C. Carter and T. A. Marsh. 2,158,673; May 16.
Stoker structure. R. E. Bressler. 2,160,641; May 30.
Stoker, Underfeed. J. S. Skelly. 2,142,701; Jan. 3.
Stoker, Underfeed. R. Zinkernagel and G. P. Jackson. 2,164,100; June 27.
Stoker, Water-cooled. J. S. Bennett. 2,181,473; Nov. 28.
Stokers, Control system for. I. E. McCabe. 2,153,197; Apr. 4.
Stomach pump. W. L. Williams. 2,142,624; Jan. 3.
Stone, Artificial construction. F. L. Decker. 2,155,531; Apr. 25.
Stone cutting machine. P. M. Johanning. 2,152,193 Mar. 28.
Stone eliminator, Soft. V. Mikan. 2,144,384; Jan. 17.
Stone, Imitation. H. I. Nirenstein. 2,143,084; Jan. 10.
Stone, Method and apparatus of making artificial. C. F. Baron. 2,170,936; Aug. 29.
Stone sawing machine. O. J. Brock. 2,165,335; July 11.
Stone sawing machine. C. B. Lansing. 2,150,381; Mar 14.
Stone working tool. G. A. Swenson. 2,160,568; May 30.
Stool and table, Combined. G. B. Hansburg. 2,161,658; June 6.
Stool, Bathroom tub. G. B. Bentz. 2,150,482; Mar. 14.
Stop and lock, Window. W. F. Gintz. 2,179,887; Nov. 14.
Stop, Automatic motor. C. W. Knoff. 2,177,024; Oct. 24.
Stop, Car. D. B. Finch. 2,175,286; Oct. 10.
Stop cock. F. Mallon. 2,147,851; Feb. 21.
Stop control mechanism for coin-operated machines, Automatic. B. E. Mills. 2,152,599; Mar. 28.
Stop cylinder vertical reciprocating flat bed press. P. F. Cox. 2,166,582; July 18.
Stop, Detachably coupled end. D. Marinsky. 2,154,099; Apr. 11.
Stop device for movable parts on rotary reprinting machines. W. Ritzerfeld. 2,168,717; Aug. 8.
Stop, Door. K. H. Beck and E. H. Blackburn. 2,153,232; Apr. 4.
Stop for automobile hoists, Safety. J. J. Mizer. 2,150,628; Mar. 14.
Stop for glassware making machines, Emergency. E. Miller. 2,146,482; Feb. 7.
Stop for multiple operated fasteners, Separable top. H. J. Murphy. 2,177,599; Oct. 24.
Stop for rotating spindles, Automatic positive. R. E. Price. 2,155,681; Apr. 25.
Stop for separable fasteners, Bridge top. D. Marinsky and L. H. Morin. 2,174,160; Sept. 26.
Stop for separable slide fastener tapes, Two-part. M. Kiessling and A. Krieger. 2,169,608; Aug. 15.
Stop for slide fasteners, Top. W. A. Behrens. 2,164,488; July 4.
Stop, Friction car. E. W. Breyley. 2,170,008; Aug. 22.
Stop, Margin-regulating. H. C. Fox. Re. 21,152; July 18.
Stop mechanism, Electrically operated. J. D. Scaife. 2,143,716; Jan. 10.
Stop mechanism for bar machines. D. H. Montgomery and W. B. Retz. 2,159,398; May 23.
Stop mechanism for fastening-inserting machines. S. Stanick. 2,175,227; Oct. 10.
Stop mechanism for knitting machines. M. Wachsman. 2,178,982; Nov. 7.
Stop mechanism for looms, Automatic. I. K. Hauseman. 2,182,149; Dec. 5.
Stop mechanism for machine tools, Automatic position. W. Trible and G. F. Heckman. 2,170,510; Aug. 22.
Stop mechanism for sheet dispensing apparatus. A. C. Grunwald. 2,175,192; Oct. 10.
Stop mechanism for typewriters. J. F. Koca. 2,153,630; Apr. 11.
Stop motion. R. H. Lawson. 2,178,142; Oct. 31.
Stop motion. R. H. Lawson and W. L. Smith, Jr. 2,165,975; July 11.
Stop motion. K. A. Wolfe. 2,148,665; Feb. 28.
Stop motion and tensioning device, Combined. M. Wachsman. 2,178,981; Nov. 7.
Stop motion device for bread wrapping machines. A. B. Coward. 2,159,135; May 23.
Stop motion, Electric warp. C. D. Brown. 2,160,776; May 30.
Stop motion, etc. A. Wachsman. 2,144,670; Jan. 24.
Stop motion for knitting machines. A. Crawford. 2,145,754; Jan. 31.
Stop motion for knitting machines. M. Wachsman. 2,184,107; Dec. 19.
Stop motion for twisting machines. E. R. Duncklee and C. M. Sheldon. 2,179,498; Nov. 14.
Stop motion for winding machines. L. A. Runton. 2,180,434; Nov. 21.
Stop, Shutter rebound. J. B. Nelson. 2,153,153; Apr. 4.
Stop, Stock. A. E. Drissner. 2,170,633; Aug. 22.
Stop valve. H. J. Waddell. 2,173,381; Sept. 19.
Stopper. F. E. Rice. 2,146,382; Feb. 7.
Stopper and seal therefor, Bottle. A. B. Dodge. 2,179,879; Nov. 14.
Stopper and strainer, Combination sink. J. Ulmer. 2,166,273; July 18.
Stopper, Bottle. H. L. Nelson, Jr. 2,143,494; Jan. 10.
Stopper for bottles, jars, and similar containers. W. S. Freeman. 2,168,734; Aug. 8.
Stopper for bottles, Siphon valve. M. Rosenwald and L. Ekes. 2,171,373; Aug. 29.
Stopper for receptacles, Screw. S. H. Williams. 2,146,000; Feb. 7.
Stopper, Instant release rope hawser. E. B. White. 2,148,284; Feb. 21.
Stopper, Internal expansion. F. McAllister. 2,170,866; Aug. 29.
Stopper, Milk bottle. T. D. Crane. 2,180,582; Nov. 21.
Stopper, Nonrefillable bottle. J. H. Baldwin and K. Knudsen. 2,155,290–2; Apr. 18.
Stopper, Nonrefillable bottle. A. H. Davis. 2,173,098; Sept. 19.
Stopper, Web holding and guiding. G. F. French. 2,156,152; Apr. 25.
Stopping and assisting device for automobiles, Automatic and manually operable. H. Karl. 2,180,846; Nov. 21.
Stopping device for high speed rope-making machines, Electrically operated. J. Kraft. 2,150,977; Mar. 21.
Stops for separable slide fastener tapes, Making two-part. M. Kiessling and A. Krieger. 2,169,609; Aug. 15.
Stops, Making slide fastener. M. Kiessling and A. Krieger. 2,169,610; Aug. 15.
Storage and dispensing system. C. Spaeth. 2,160,683; May 30.
Storage and dispensing system for liquefied gas. L. J. White. 2,166,921; July 18.
Storage apparatus. F. J. Straub. 2,146,409; Feb. 7.
Storage apparatus, Gas and/or liquid. J. H. Wiggins. 2,149,376; Mar. 7.
Storage battery case. T. W. Fitzgerald. 2,151,654; Mar. 21.
Storage cabinet. J. Mandel. 2,176,913; Oct. 24.
Storage compartment, Automobile. H. H. Albinson. 2,162,046; June 13.
Storage structure. W. J. Bargen. 2,176,782; Oct. 17.
Store construction, Self-service. L. W. Varney. 2,176,384; Oct. 17.
Store equipment, Modern. M. Levine and M. Branfeld. 2,165,930; July 11.
Store front construction. W. Owen. 2,159,673; May 23.
Store front, Display. C. B. Reymers. 2,165,727; July 11.
Store-goods lifter. G. A. Torvik. 2,170,357; Aug. 22.
Store interior construction. W. D. White. 2,163,861; June 27.
Store machine, Department. F. L. Fuller and G. F. Daly. 2,150,215; Mar. 14.
Storing and dispensing. A. Waddell. 2,148,141; Feb. 21.
Storm sash fastener. M. F. Mains. 2,142,907; Jan. 3.
Stove. G. L. Bridge. 2,149,835; Mar. 7.
Stove. D. B. Card. 2,174,347; Sept. 26.
Stove. J. E. Chambers. 2,149,420; Mar. 7
Stove. J. E. Chambers. 2,154,491; Apr. 18.
Stove. B. Field and M. F. Walsh. 2,167,617; July 25.
Stove. S. F. Jackes. 2,178,635; Nov. 7.
Stove. B. B. Kahn. 2,152,261; Mar. 28.
Stove. B. B. Kahn. 2,171,933; Sept. 5.
Stove. B. B. Kahn. 2,176,075–6; Oct. 17.
Stove. C. E. Parker. 2,164,078; June 27.
Stove. A. G. Sherman. 2,180,645; Nov. 21.
Stove, J. E. Taylor. 2,153,106; Apr. 4.
Stove. J. G. Wilson. 2,164,265; June 27.
Stove. B. H. Wise. 2,163,165; June 20.
Stove and grate therefor. F. E. Wolcott. 2,161,496; June 6.
Stove and range. C. H. and R. F. Hoffstetter. 2,157,608; May 9.
Stove, Apartment. V. J. Cronyn and H. Peruzzini. Re. 21,079; May 16.
Stove assembly. H. A. Smith. 2,176,382; Oct. 17.
Stove, Barbecue. C. B. Polhemus. 2,168,944; Aug. 8.
Stove, Blast furnace. O. R. Rice. 2,157,017; May 2.
Stove, Builder's drying. F. Schwartzkopf. 2,172,715; Sept. 12.
Stove, Camp. L. H. and L. J. Anderson. 2,152,168; Mar. 28.
Stove, Camp. W. W. Hoelscher. 2,173,166; Sept. 19.
Stove, Coffee maker. F. Stocker. 2,142,418; Jan. 3.
Stove construction. H. S. Pletcher and C. F. Gatons. 2,171,632; Sept. 5.
Stove construction. A. J. Yaeger. 2,161,118; June 6.
Stove, Cooking. B. B. Kahn. 2,166,442; July 18.
Stove, Cooking. J. V. Prosser. 2,161,196; June 6.
Stove, Cooking. A. L. Williams and A. J. Langlois. 2,175,420; Oct. 10.
Stove, Cooking and heating. T. A. Henderson. 2,144,291; Jan. 17.

Stove device for automatic choke carburetors. M. C. Brown. 2,162,934; June 20.
Stove door. H. E. Mills. 2,159,221; May 23.
Stove, Duo-functional cook and heating. B. F. Berkheimer. 2,180,788; Nov. 21.
Stove, Electric. H. Cory. 2,150,492; Mar. 14.
Stove, Electric. H. G. Hutchens and J. H. Crosier. 2,183,866; Dec. 19.
Stove, Gas. H. W. O'Dowd. 2,182,734; Dec. 5.
Stove, Gaseous fuel. C. E. Parker. 2,164,079; June 27.
Stove handle. G. E. De Voe and V. E. Mark. 2,151,195; Mar. 21.
Stove, Heating. V. L. Cook. 2,158,742; May 16.
Stove, Hydrocarbon. C. W. Mummery. 2,173,522; Sept. 19.
Stove or heater, Hopper type oil. C. L. Hagan. 2,142,507; Jan. 3.
Stove or range. F. H. Schneider and D. Saponara. 2,149,075; Feb. 28.
Stove or the like, Camp. C. L. Pearson and R. L. Richardson. 2,164,835; July 4.
Stove or the like, Electric. F. J. La Mere. 2,155,425; Apr. 25.
Stovepipe. C. Chapman. 2,161,997; June 13.
Stovepipe collar mounting for wood heaters. G. H. Swearingen, Sr. 2,142,461; Jan. 3.
Stovepipe heating system. W. H. Lepick. 2,147,658; Feb. 21.
Stovepipes, Apparatus for assembling. S. F. Jackes. 2,157,337; May 9.
Stove, Portable. L. H. Luedtke. 2,172,769; Sept. 12.
Stove, Portable camp. A. S. Haislip. 2,158,236; May 16.
Stove, Portable cooking. B. H. Smith. 2,158,805; May 16.
Stove, Spirit and like cooking. J. G. Lindmark. 2,169,958; Aug. 15.
Stove structure. R. P. Bolling. 2,181,362; Nov. 28.
Stove support, Adjustable. C. Ehret. 2,143,411; Jan. 10.
Stove top construction. S. W. George. 2,177,824; Oct. 31.
Stove top, Supplemental panel. F. R. Howe. 2,183,935; Dec. 19.
Straight edge, Paperhanger's folding. C. W. Harsin. 2,151,467. Mar. 21.
Straight edge, Parallel. A. F. Linsner. 2,162,264; June 13.
Straightening, Apparatus for. J. C. Woodson. 2,146,875; Feb. 14.
Straightening machine. W. E. Kane. 2,157,760; May 9.
Straightening machine. F. K. Plympton and L. Emerson. 2,149,069; Feb. 28.
Straightening mechanism. G. E. Nighthart. 2,164,343; July 4.
Straightening tool. E. H. Schultz. 2,166,373; July 18.
Strain absorber with lace stitch, Elastic. H. B. Snader. 2,157,464; May 9.
Strain, Apparatus for determining rate of. C. H. Gibbons. 2,163,873; June 27.
Strain gauge. E. N. Kemler. 2,183,078; Dec. 12.
Strain gauge. W. Messinger. 2,152,556; Mar. 28.
Strain gauge. M. D. Stone. 2,180,176; Nov. 14.
Strain insulator. G. S. Van Antwerp. 2,163,160; June 20.
Strain tester. E. H. Land. 2,174,269; Sept. 26.
Strainer. A. L. Freedlander. 2,153,664; Apr. 11.
Strainer. T. Friedman. 2,174,577; Oct. 3.
Strainer. M. W. Huber. 2,143,270; Jan. 10.
Strainer. E. M. Norman. 2,172,031; Sept. 5.
Strainer. B. A. Koppitz and J. A. Hartung. 2,181,404; Nov. 28.
Strainer and cooler, Combined. P. Potocek. 2,183,692; Dec. 19.
Strainer and drop catcher, Combination tea. E. Stamm. 2,156,517; May 2.
Strainer and fabricating same, Insulated. H. L. Bowers and N. E. Brice. 2,155,964; Apr. 25.
Strainer and juicer for pitcher tops and the like. T. Gamble. 2,176,377; Oct. 17.
Strainer and packer setting device. C. C. Brown. 2,163,933; June 27.
Strainer apparatus. B. S. Burrell. 2,184,177; Dec. 19.
Strainer box. J. W. Morse. 2,168,039; Aug. 1.
Strainer cleaner. D. H. Blair. 2,178,161; Oct. 31.
Strainer cleaning device. C. C. Farmer. 2,170,082; Aug. 22.
Strainer cleaning device. W. B. Kirk. 2,170,081; Aug. 22.
Strainer for wells. A. Vultorius. 2,148,001; Feb. 21.
Strainer, Removable spout. R. E. Lehman. 2,183,773; Dec. 19.
Strainer, Well. L. A. Layne. 2,155,719–20; Apr. 25.
Strainer, Well. C. van Westrum. 2,155,744; Apr. 25.
Strainers, Making wear resisting well. R. W. Schlumpf. 2,177,949; Oct. 31.
Straining equipment. D. R. McNeal. 2,183,577–8; Dec. 19.
Strand drawing, Flexible. F. E. Lovejoy. 2,148,632; Feb. 28.
Strand for elastic fabrics and producing the same, Elastic. S. C. Lilley. 2,146,966; Feb. 14.
Strand for incorporation into elastic fabrics, Elastic. S. C. Lilley. 2,146,965; Feb. 14.
Strand handling apparatus. V. L. Johannessen and S. T. Swallow. 2,143,417; Jan. 10.
Strand handling apparatus. F. Martindell. 2,177,457; Oct. 24.
Strand handling apparatus. L. O. Reichelt. 2,171,993; Sept. 5.
Strand handling apparatus. J. N. Selvig. 2,153,996; Apr. 11.
Strand handling apparatus. J. N. Selvig. 2,163,711; June 27.
Strand handling apparatus. J. N. Selvig. 2,177,750; Oct. 31.
Strand handling apparatus. L. L. Weaver. 2,161,494; June 6.
Strand, Twisted. G. Dressel. 2,142,308; Jan. 3.
Strand-winding machine. W. A. Belits. 2,171,119; Aug. 29.
Stranding machine spool mounting. D. S. Robbins and E. G. Steuber. 2,177,812; Oct. 31.
Stranding or wire rope machine, High speed. W. E. Somerville. 2,147,065; Feb. 14.
Stranding or wire rope machine, High speed. W. E. Somerville. 2,162,131; June 13.
Stranding or wire rope machine, High speed. W. E. Somerville. 2,164,630; July 4.
Strands, Apparatus for coating. E. E. Newton and H. P. Ray. 2,159,222; May 23.
Strands, Apparatus for handling. E. E. Newton and H. P. Ray. 2,177,373; Oct. 24.
Strands, Apparatus for treating. W. C. Ewaldson and H. Kress. 2,172,837; Sept. 12.
Strands, Handling. J. N. Selvig. 2,180,554; Nov. 21.
Strands into braided line, Splicing. L. J. Madden and F. Truman. 2,177,777; Oct. 31.
Strands, Treating. W. E. Mahoney. 2,156,244; Apr. 25.
Strap and buckle fastening. F. Brighten. 2,149,663; Mar. 7.
Strap and making the same. A. A. Ackerman. 2,149,201; Feb. 28.
Strap, band, or the like, Wrist-watch. J. P. Schultheiss. 2,165,115; July 4.
Strap, Bracelet. C. M. Boler. 2,180,275; Nov. 14.
Strap, Battery carrying. S. Goldman. 2,181,400; Nov. 28.
Strap ferrule affixing machine. E. J. Pickett. 2,183,167; Dec. 12.
Strap for antiskid devices, Holding. W. C. Jackson. 2,183,322; Dec. 12.
Strap holding and guiding clip. H. C. Porter. 2,155,773; Apr. 25.
Strap joint-forming tool. H. C. Porter. 2,177,536; Oct. 24.
Strap, Safety. H. B. Wilson. 2,152,943; Apr. 4.
Strap tensioning and sealing device. H. J. Spencer. 2,182,004; Dec. 5.
Strap tensioning device. A. E. Adamson. 2,146,104; Feb. 7.
Strapping machine. T. W. J. Willcox. 2,183,286; Dec. 12.
Straps for tire chains, Resilient cross. W. J. Lutey. 2,156,816; May 2.
Strata, Chemical plugging of. T. H. Dunn. 2,156,220; Apr. 25.
Strata, Chemical plugging of brine-bearing. T. H. Dunn. 2,156,219; Apr. 25.
Strata traversed by a boring, Investigating permeable. C. Schlumberger. 2,172,625; Sept. 12.
Stratiform structure impervious to liquids. E. Bentz and J. Jaenicke. 2,168,949; Aug. 8.
Straw buncher. H. E. Hiser. 2,152,644; Apr. 4.
Straw bundler. G. C. Peterson. 2,158,729; May 16.
Straw packaging machine. J. J. Toolan. 2,146,490; Feb. 7.
Straw spreader. J. Magee and L. G. Jain. 2,160,275; May 30.
Straw support for threshers. A. D. Edgington. 2,165,888; July 11.
Straws, Apparatus for dispensing. C. W. Beamer. 2,181,542; Nov. 28.
Stream bed protection means. R. J. Korhek. 2,162,499; June 13.
Street, Double-decked grating-paved. B. A. Prince. 2,160,315; May 30.
Street indicator. L. C. Ward. 2,158,644; May 16.
Street-service structure. H. Reichert. 2,146,915; Feb. 14.
Streptococcus antigen. G. F. Hibbert. 2,156,240; Apr. 25.
Stress meter. R. W. Carlson. 2,148,013; Feb. 21.
Stresses in welds, Apparatus for relieving. A. P. Fugill and D. H. Corey. 2,180,513; Nov. 21.
Stretcher, Adjustable fur. A. Lawrence. 2,142,755; Jan. 3.
Stretcher and splicer, Wire. M. H. Hall. 2,151,027; Mar. 21.
Stretcher, Brake lining. E. R. Sinclair. 2,154,015; Apr. 11.
Stretcher, Carpet. J. C. Owens. 2,184,019; Dec. 19.
Stretcher, Curtain. E. B. Gard. 2,165,629; July 11.
Stretcher, Curtain. J. S. and A. M. Walker. 2,178,153; Oct. 31.
Stretcher, Extensible carpet. W. A. Fanning. 2,160,134; May 30.
Stretcher, Garment. E. D. Davis. 2,150,713; Mar. 14.
Stretcher, Hosiery. R. Oldfield. 2,156,349; May 2.
Stretcher, Shoe. G. A. Fissel. 2,171,924; Sept. 5.
Stretcher, Shoe. V. A. Kasin. 2,173,784; Sept. 19.

Stretcher, Wire. L. C. Burner. 2,184,379; Dec. 26.
Stretcher, Wire. H. J. Campbell. 2,165,695; July 11.
Stretcher, Wire. J. A. Davisson. 2,158,927; May 16.
Stretcher, Wire. A. E. Groves. 2,174,489; Sept. 26.
Stretcher, Wire. W. F. Hatfield. 2,182,148; Dec. 5.
Stretcher, Wire. J. A. Jauch and A. Hocking. 2,146,629; Feb. 7.
Stretching device. G. F. Waters. 2,161,394; June 6.
Striker. L. R. Rhein. 2,178,919; Nov. 7.
Striker construction for firearms, Rebounding. N. L. Brewer. 2,173,576; Sept. 19.
Striking bag. J. Andre. 2,156,831; May 2.
String instrument. C. E. Jones. 2,168,736; Aug. 8.
String-tensioning device for musical instruments. E. W. Hoyt. 2,144,974; Jan. 24.
Stringed instrument body. H. S. Braman. 2,150,736; Mar. 14.
Strip aligning means. I. S. Bodkin. 2,156,038; Apr. 25.
Strip and manufacture thereof, Silicon steel. V. B. Browne and W. E. Caugherty. 2,142,347; Jan. 3.
Strip, Antisqueak. R. W. Springer. 2,155,023; Apr. 18.
Strip, Bimetallic. L. M. Persons. 2,171,344; Aug. 29.
Strip coiling machine, Hot. E. B. Hudson. 2,179,011; Nov. 7.
Strip, Collar straightening. R. Tos. 2,165,990; July 11.
Strip construction, Composite. H. G. Kellogg. 2,172,794; Sept. 12.
Strip, Contact. O. H. Basquin. 2,156,715; May 2.
Strip end to end, Method and apparatus for welding. F. C. Biggert, Jr. 2,143,969; Jan. 17.
Strip, Expansion. C. L. Hutchisson, Jr. 2,174,940; Oct. 3.
Strip fastener. C. L. Hall. 2,152,590; Mar. 28.
Strip feeding and aligning mechanism. C. R. Mabon. 2,171,003; Aug. 29.
Strip feeding and controlling mechanism for typewriting machines. C. R. Mabon. 2,179,155; Nov. 7.
Strip feeding and imprinting apparatus. J. Q. Sherman. 2,172,414; Sept. 12.
Strip feeding and registering mechanism for manifolding devices. J. W. Fader. 2,172,637; Sept. 12.
Strip folder. A. A. Ackerman. 2,149,755; Mar. 7.
Strip for airplane wing and control surface covers, Load. K. Schmidt. 2,166,182; July 18.
Strip for automobile windows, Sealing. H. D. Geyer. 2,184,186; Dec. 19.
Strip for roadways or the like, Parting. J. H. Jacobson. 2,176,574; Oct. 17.
Strip for seaplanes, Spray. W. S. Diehl. 2,181,875; Dec. 5.
Strip guide for molding apparatus. A. L. Wallace. 2,154,791; Apr. 18.
Strip, Making a siding. G. A. Fasold. 2,164,508; July 4.
Strip, Masking. J. O. Doty and P. C. Orcutt. 2,171,544; Sept. 5.
Strip material, Apparatus for coiling. C. C. Cadden 2,167,971; Aug. 1.
Strip material, Method and apparatus for vulcanizing. J. M. Bierer. 2,179,443; Nov. 7.
Strip, Method and apparatus for annealing. L. Wilso 2,169,314; Aug. 15.
Strip, Multiple outlet. A. O. La Ducer. 2,156,633; May 2.
Strip perforating and cutting-off machines. A. Drucker and J. Gluckman. 2,171,785; Sept. 5.
Strip punching mechanism. G. H. Benzon, Jr. and H. R. Young. 2,174,457; Sept. 26.
Strip, Reinforced fibrous tacking. O. C. Currie. 2,153,514; Apr. 4.
Strip sealer for wrapping machines. A. Van Veen. 2,149,944; Mar. 7.
Strip, Sealing. H. Dewhirst and E. Meyer. 2,156,681; May 2.
Strip, Sealing. E. A. Wetzel. 2,158,808; May 16.
Strip separating device. W. J. Rudolph. 2,180,837; Nov. 21.
Strip treating apparatus. W. J. Ward. 2,146,238; Feb. 7.
Strip width measuring device. D. Buccicone. 2,184,035; Dec. 19.
Stripper. A. L. Leman. 2,145,884; Feb. 7.
Stripper for collapsible tube extruding presses. H. F. Temple. 2,161,752; June 6.
Stripping machine. S. S. Millen. 2,155,977; Apr. 25.
Strips and applying the same to bags, Apparatus for forming tying. A. Potdevin. 2,144,729; Jan. 24.
Strips and applying the same to bags, Apparatus for forming tying. A. Potdevin. 2,177,118; Oct. 24.
Strips and applying the same to bags, Method of and apparatus for forming tying. A. Potdevin. 2,177,117; Oct. 24.
Strips, Method and apparatus for drawing. A. Simons. 2,178,674; Nov. 7.
Strips of extruded material, Handling. L. C. Boyer. 2,156,909; May 2.
Strips of flexible material, Assembling. J. E. Zomnir. 2,156,419; May 2.
Strips through perforated materials, Device for drawing. J. T. Conklin. 2,157,593; May 9.
Strips to metal bodies, Securing nailing. H. A. Berliner. 2,160,258; May 30.
Striper. R. C. Miller. 2,184,602; Dec. 26.
Stroboscope, Aural. D. Journeaux and S. R. Durand. 2,174,176; Sept. 26.
Stroboscopic lamp. P. W. Blackburn. 2,168,861; Aug. 8.
Stroboscopic tuning apparatus. V. H. Severy. 2,143,114; Jan. 10.
Stroke-increasing device. P. Repka. 2,169,126; Aug. 8.
Stroke perfecting device for golfers. H. Harpster. 2,152,381; Mar. 28.
Strontium nitrate, Production of. W. D. Turner. 2,158,162; May 16.
Strophanthus glucoside and its manufacture. A. Stoll and J. Renz. 2,179,204; Nov. 7.
Structural assembly. P. A. Voigt. 2,169,376; Aug. 15.
Structural assembly and unit and method of making. W. S. Miles. 2,149,741; Mar. 7.
Structural element and connector. J. H. Markowski. 2,182,523; Dec. 5.
Structural element subject to high temperature in use, Creep resistant. E. M. Wise and J. T. Gow. 2,174,025; Sept. 26.
Structural element, Welded. W. Püngel. 2,163,209; June 20.
Structural elements, Arrangement for connecting. G. Hossenfelder. 2,157,986; May 9.
Structural elements, Fabricating. R. L. Burke. 2,142,109; Jan. 3.
Structural frame. J. S. Banta. 2,169,865; Aug. 15.
Structural material. F. F. Mills. 2,161,185; June 6.
Structural member. W. F. Davis. 2,148,110; Feb. 21.
Structural member. F. Kullmer. 2,154,944; Apr. 18.
Structural member. R. T. McGee. 2,167,666; Aug. 1.
Structural member. H. C. Sahlmann. 2,159,182; May 23.
Structural member and building unit, Composite. G. F. Kotrbaty. 2,169,254; Aug. 15.
Structural member, Composite. J. D. Sherman, C. S. Reed, and O. C. Currie. 2,145,839; Jan. 31.
Structural member for buildings. H. W. Hahn and C. E. Keas, and E. P. Burke. 2,146,539–40; Feb. 7.
Structural member for seat construction and the like. C. S. Reed. 2,147,611; Feb. 14.
Structural member of buildings or other structures, Fireproof. J. H. Young and P. W. Jenkins. 2,142,165; Jan. 3.
Structural steel element. A. I. Syak. 2,160,345; May 30.
Structural system. E. J. von Heidenstam. 2,160,791; May 30.
Structural unit. A. de Pfyffer. 2,167,370; July 25.
Structural unit. G. D. Kellogg. 2,173,808; Sept. 19.
Structural unit. C. J. O'Brien. 2,146,758; Feb. 14.
Structural unit and assembly, Angular. G. F. Kotrbaty. 2,166,098; July 11.
Structural unit, Expanded-metal. H. A. Faber. 2,168,196; Aug. 1.
Structural unit, Prestressed. R. L. Davisson and F. O. Anderegg. 2,178,097; Oct. 31.
Structural units for steel frame buildings and the like. R. E. McMillan. Re. 20,980; Jan. 17.
Structure. T. Maddock. 2,152,896; Apr. 4.
Structure and forming the same, Composite. J. P. Burke. 2,177,093; Oct. 24.
Structure, Chemically resistant. H. H. Harkins. 2,167,716; Aug. 1.
Structure for electrically curing or hardening moist workpieces. J. M. Smith. 2,152,365; Mar. 28.
Structure for heat treating metals. H. Scott. 2,175,922; Oct. 10.
Structures produced from fibrous masses derived from animal hide substances, Hardening. O. W. Becker. 2,157,319; May 9.
Strut, Brake beam. C. R. Busch. 2,170,114; Aug. 22.
Strut for aircraft, Shock absorbent. J. H. Onions. 2,146,089; Feb. 7.
Strut for airplane landing chassis, Self-folding. R. L. Levy. 2,154,984; Apr. 18.
Strut, Shock. C. V. Johnson. 2,156,117; Apr. 25.
Strut, Shock. C. V. Johnson. 2,167,928; Aug. 1.
Strut, Shock. K. W. Warren. 2,184,327; Dec. 26.
Strut, Supporting. P. A. Skinner. 2,162,181; June 13.
Stud and like element. R. W. McLaughlin, Jr. 2,156,347; May 2.
Stud assembly, Self-piercing. J. J. Veillette. 2,160,374; May 30.
Stud-applying apparatus. E. J. Sabol. 2,158,763; May 16.
Stud, knob, or the like, Shelf supporting. G. A. Tinnerman. 2,179,603; Nov. 14.
Stud locking device. P. W. Dempsey. 2,177,452; Oct. 24.
Stud or strip, Furring. F. M. Small. 2,167,816; Aug. 1.
Stud or the like, Shelf supporting. G. A. Tinnerman. 2,179,604; Nov. 14.
Stud, Snap fastener. J. W. Dews. 2,164,053; June 27.
Stud terminal for rail bonds. H. H. Febrey. 2,172,278; Sept. 5.
Stuffing and padding pieces for garments or the like, Constitution and manufacture of. F. Chassaing. 2,172,499; Sept. 12.
Stuffing box. F. Robinson. 2,158,833; May 16.
Stuffing box. J. E. Winters. 2,159,306; May 23.
Stuffing box construction. E. L. Abramson. 2,143,825; Jan. 10.
Stump puller. M. E. Sutton. 2,162,448; June 13.
Style, Phonograph. J. M. Dean, Jr. 2,164,199; June 27.
Stylus for facsimile recorders. W. G. H. Finch 2,184,973; Dec. 26.

Styrene, Polymerization of. N. D. Scott. 2,181,771; Nov. 28.
Styrene, Preservation and utilization of. J. W. Britton, R. F. Prescott, and R. C. Dosser. 2,166,125; July 18.
Submarine. J. Hojnowski. 2,143,656; Jan. 10.
Submerged bearing Liquidproof. M. Gaertner. 2,143,373; Jan. 10.
Subsoil layers or the like, Impermeabilizing loose. J. van Hulst. 2,175,804; Oct. 10.
Subsoiler. L. E. Pendell. 2,163,805; June 27.
Substance support. J. Folk. 2,144,259; Jan. 17.
Substances containing tantalum and niobium, Treatment of. J. P. Leemans. 2,164,279; June 27.
Substances containing tungsten sulphide, Decomposition of. P. H. Gericke, H. H. v. Baumbach, and F. Berndt. 2,157,332; May 9.
Substances from solutions, Extraction of. J. W. Allquist. 2,165,438; July 11.
Substances in vacuo, Method and apparatus for drying. J. G. W. Gentele. 2,156,845; May 2.
Subsurface exploration. L. Y. Faust. 2,149,427; Mar. 7.
Subsurface formations, Apparatus for determining the hardness of. J. C. Karcher. 2,161,256; June 6.
Subsurface, Method and apparatus for electrical exploration of the. J. J. Jakosky. 2,162,086–7; June 13.
Subsurfaces, Method and apparatus for electrical exploration of. J. J. Jakosky. 2,174,343; Sept. 26.
Subterranean structures, Building. H. Sheelhaase. 2,164,003; June 27.
Sub-top for refrigerating cabinets. L. Saha. 2,164,023; June 27.
Sucker rod hook. E. E. Stevenson. 2,174,911; Oct. 3.
Sucker rod jerk absorber. B. H. Stevens. 2,153,816; Apr. 11.
Sucrose octanitrate, Melting, casting, and purifying. J. A. Wyler. 2,165,435; July 11.
Suction and irrigation apparatus. J. J. Ettinger. 2,180,042; Nov. 14.
Suction apparatus for surgical use. J. E. Trafford. 2,174,295; Sept. 26.
Suction cleaner. B. C. Becker. 2,146,006; Feb. 7.
Suction cleaner. B. C. Becker. 2,148,599; Feb. 28.
Suction cleaner. B. C. Becker. 2,167,740; Aug. 1.
Suction cleaner. B. C. Becker. 2,174,560; Oct. 3.
Suction cleaner. B. C. Becker. 2,177,974; Oct. 31.
Suction cleaner. W. G. Kilpatrick. 2,172,960; Sept. 12.
Suction cleaner. W. H. Kitto. 2,143,018; Jan. 10.
Suction cleaner. W. H. Kitto. 2,159,701; May 23.
Suction cleaner. W. N. Patterson. 2,183,150; Dec. 12.
Suction cleaner. F. L. Pierce. 2,152,277; Mar. 28.
Suction cleaner. F. L. Pierce. 2,174,595; Oct. 3.
Suction cleaner. R. M. Reed. 2,184,433; Dec. 26.
Suction cleaner. W. D. Sellers. 2,184,401; Dec. 26.
Suction cleaner. D. G. Smellie. 2,148,656; Feb. 28.
Suction cleaner. D. G. Smellie. 2,152,289; Mar. 28.
Suction cleaner. D. G. Smellie. 2,178,003; Oct. 31.
Suction cleaner. D. G. Smellie and W. C. Eberly. 2,184,441; Dec. 26.
Suction cleaner. E. L. Snyder. 2,175,004; Oct. 3.
Suction cleaner. E. L. Snyder. 2,184,446; Dec. 26.
Suction cleaner. C. H. Taylor. 2,167,785–6; Aug. 1.
Suction cleaner. C. H. Taylor. 2,178,006; Oct. 31.
Suction cleaner. C. H. Taylor. 2,183,826; Dec. 19.
Suction cleaner. C. W. Traut. 2,182,457; Dec. 5.
Suction cleaner. C. G. Troxler. 2,184,406; Dec. 26.
Suction cleaner. H. B. White. 2,142,810; Jan. 3.
Suction cleaner construction. E. F. Martinet. 2,179,665; Nov. 14.
Suction cleaner coupling. R. M. Zacharias. 2,159,116; May 23.
Suction cleaning apparatus. P. B. Ellis. 2,164,392; July 4.
Suction cleaning tool. L. F. McCardle. 2,148,125; Feb. 21.
Suction device. M. H. Caulfield. 2,172,575; Sept. 12.
Suction mechanism. R. B. Sargent. 2,180,259; Nov. 14.
Suction mounting. F. A. Wayne. 2,155,341; Apr. 18.
Suction printing frame. M. Sussin. 2,170,622; Aug. 22.
Suction supporting device. V. Seklehner. 2,146,859; Feb. 14.
Sugarcane cutter. M. C. Lee. 2,164,249; June 27.
Sugar, Centrifuging. E. Roberts. 2,175,995; Oct. 10.
Sugar crystallizing process. H. E. Grill and H. H. Feldstein. 2,253,082; Apr. 4.
Sugar crystals, Invertized. R. W. Robinson. 2,145,893; Feb. 7.
Sugar dispenser. N. L. Dootson. 2,159,259; May 23.
Sugar, Manufacture of. R. J. Brown, A. R. Neese, and C. T. Carney. 2,164,186; June 27.
Sugar, Manufacture of milk. A. de Lisle. 2,145,109; Jan. 24.
Sugar, Modified stabilizing. S. Musher. 2,176,035; Oct. 10.
Sugar preparation and making and using same, Antioxygenic. S. Musher. 2,176,034; Oct. 10.
Sugar, Processing white. E. Roberts. 2,175,996; Oct. 10.
Sugar, Refining. G. E. Stevens. 2,175,998; Oct. 10.
Sugar solutions, Decolorizing. H. O. Kauffmann. 2,178,587; Nov. 7.
Sugars as stabilizers, Crude cane and beet. S. Musher. 2,176,033; Oct. 10.
Suitcase, Wardrobe. H. Silverman. 2,146,384; Feb. 7.
Suit, Reversible sport. E. M. Rothman. 2,144,389; Jan. 17.
Sulphate, Dissolution of ferric. J. F. White. 2,172,312; Sept. 5.
Sulphate, Preparing anhydrous ferric. W. S. Wilson and J. F. White. 2,149,327; Mar. 7.
Sulphates, Branched chain octyl. J. G. Davidson. 2,161,857; June 13.
Sulphates, Manufacture of normal, secondary pentadecyl. J. H. Werntz. 2,163,651; June 27.
Sulphates, Preparation of metallic and ammonium. M. Serciron. 2,175,132; Oct. 3.
Sulphates, Preparing alkyl. E. V. Fasce and J. J. Owen. 2,170,401; Aug. 22.
Sulphide, Chlorinated diphenyl. F. M. Clark. 2,172,954; Sept. 12.
Sulphide rectifier. L. J. Ellison. 2,170,634; Aug. 22.
Sulphides, Making organic. E. Keyssner. 2,163,176; June 20.
Sulphides, Producing inorganic. W. H. Shiffler and M. M. Holm. 2,143,286; Jan. 10.
Sulphite waste liquor, Fermentation process of treating. F. J. Wallace. 2,142,739; Jan. 3.
Sulphite waste liquor-phenol-aldehyde condensation products. F. J. Wallace. 2,159,411; May 23.
Sulpho-halogenated mono-esters and improved lubricants containing same, Manufacture of. H. G. Smith and T. L. Cantrell. 2,179,062; Nov. 7.
Sulphonamides of 2-amino pyridines. C. Naegeli. 2,170,209; Aug. 22.
Sulphonated organic compounds and making them. E. Waldmann and A. Chwala. 2,154,922; Apr. 18.
Sulphonates, Benzyl-oxyalkyl aromatic. C. L. Butler and L. H. Cretcher. 2,172,606; Sept. 12.
Sulphonates, Mineral oil. R. L. Brandt. 2,149,661–2; Mar. 7.
Sulphonates of mineral oil extracts and making. R. L. Brandt. 2,179,174; Nov. 7.
Sulphonates of polyaryl polyethers. H. A. Bruson. 2,171,498; Aug. 29.
Sulphonates, Separation of. F. W. Corkery. 2,180,728; Nov. 21.
Sulphonates, The purification of petroleum mahogany. M. Blumer. 2,168,315; Aug. 8.
Sulphonates, Water-soluble capillary-active. H. A. Bruson. 2,148,432; Feb. 28.
Sulphonation product. A. F. Bowles and S. Kaplan. 2,183,929; Dec. 19.
Sulphonic compounds, Fractionation of. E. R. P. E. Retailliau. 2,158,680; May 16.
Sulphonic derivatives. M. B. Katzman. 2,184,770; Dec. 26.
Sulphur and making the same, Dispersible. R. M. Gideon. 2,158,899; May 16.
Sulphur, Apparatus for purifying. C. O. Lee and H. A. Smith. 2,169,262; Aug. 15.
Sulphur composition. S. B. Heath. 2,145,259; Jan. 31.
Sulphur composition, Wettable. E. C. Missbach. 2,156,790; May 2.
Sulphur compounds and sweetening hydrocarbon liquids, Removing. R. E. Burk and E. C. Hughes. 2,162,670; June 13.
Sulphur compounds and their production, High molecular weight tetravalent. J. H. Werntz. 2,178,353; Oct. 31.
Sulphur compounds, Condensing organic. J. C. Patrick. 2,142,144; Jan. 3.
Sulphur dioxide as sulphuric acid and ferric sulphate, Fixing. H. E. Keyes. Re. 21,215; Sept. 26.
Sulphur dioxide from acid sludges, Recovery of. D. W. Bransky. 2,164,637; July 4.
Sulphur dioxide from gas mixtures, Recovery of. A. M. Clark, W. E. Batten, and C. F. R. Harrison. 2,173,877; Sept. 26.
Sulphur dioxide from gases, Recovery of. R. F. Bacon and R. Fanelli. 2,142,987–8; Jan. 10.
Sulphur dioxide from waste gases, Recovering. H. F. Johnstone and A. D. Singh. 2,161,056; June 6.
Sulphur dioxide, Production of. H. F. Merriam. 2,155,200; Apr. 18.
Sulphur dioxide, Production of. A. C. Mohr. 2,156,791; May 2.
Sulphur dioxide, Production of liquid. H. M. Pitt, Jr., and A. M. Esberg. 2,162,637; June 13.
Sulphur dioxide, Recovery of. R. F. Bacon. 2,180,495; Nov. 21.
Sulphur dioxide, Recovery of pure, concentrated. C. von Girsewald and G. Roesner. 2,148,971; Feb. 28.
Sulphur from hydrocarbon gases containing hydrogen sulphide, Elemental. H. Barkholt. 2,169,379; Aug. 15.
Sulphur from mineral oil distillates, Removing. E. C. Hughes. 2,177,343; Oct. 24.
Sulphur from molten ferrous metal, Removal of. C. W. Andrews. 2,146,926; Feb. 14.
Sulphur from ores and gases containing sulphur, Making elemental. G. Gaither. 2,163,554; June 20.
Sulphur from ores and gases containing sulphur, Making elemental. G. Gaither. 2,177,707; Oct. 31.
Sulphur from petroleum, Recovery of. T. C. Oliver. 2,153,337; Apr. 4.
Sulphur in mineral and other oils, Producing stable solutions of. E. A. Nill. 2,159,908; May 23.
Sulphur, Melting and purifying. G. G. Vincent and A. Cook. 2,149,373; Mar. 7.
Sulphur, Production of. B. M. Carter. 2,148,258; Feb. 21.
Sulphur, Purification of. N. A. Laury. 2,165,170; July 4.

Sulphur, Purifying. C. O. Lee and H. A. Smith. 2,169,261; Aug. 15.
Sulphur, Solidifying. B. A. Axelrad and D. A. Brooks. 2,154,257; Apr. 11.
Sulphur viscosity and resulting nonviscous sulphur compound, Lowering. G. A. Cain and J. B. Chatelain. 2,161,245; June 6.
Sulphuric acid derivatives of alkyl-phenols. L. A. Mikeska. 2,162,269; June 13.
Summator. H. L. Pettersson and K. H. Lundqvist. 2,173,264; Sept. 19.
Sundial. W. W. Leinert. 2,164,532; July 4.
Sunglass attachment for eyeglasses. E. Reichert. 2,159,710; May 23.
Sunglasses. M. M. Hirtenstein. 2,172,959; Sept. 12.
Sunshade. C. L. Jolly. 2,142,851; Jan. 3.
Sunshade and tent, Combined. A. A. Betourne. 2,159,309; May 23.
Sunshade attachment for deck chairs and the like. H. Wenker. 2,166,832; July 18.
Sunshade, Collapsible. F. Deak. 2,166,625; July 18.
Supercharger. G. Algarsson. 2,142,596; Jan. 3.
Supercharger. T. H. Burns. 2,175,106; Oct. 3.
Supercharger. O. R. Lesley. 2,159,278; May 23.
Supercharger and cooler arrangement. V. Higbie. 2,169,243; Aug. 15.
Supercharger construction and utilization. J. H. Kowitt. 2,184,918; Dec. 26.
Supercharger for internal combustion engines. A. N. Massey. 2,161,182; June 6.
Supercharger for internal combustion motor. F. F. Kishline. 2,157,761; May 9.
Supercharger system for motor vehicles. F. R. Elliott. 2,165,360; July 11.
Supercharger, Two-stage. W. A. Parkins. 2,170,974; Aug. 29.
Superchargers, Lubrication system for. F. F. Kishline. 2,148,821; Feb. 28.
Supercharging pressure in internal combustion engines, Controlling the. E. Schmitt. 2,172,809; Sept. 12.
Superheater boiler. W. H. Armacost. 2,152,340; Mar. 28.
Superheater boiler. W. H. Armacost. 2,157,746; May 9.
Superheater boiler. J. A. Barnes. 2,182,782–3; Dec. 12.
Superheater, Firebox. V. W. Smith and H. M. Wolf. 2,184,626; Dec. 26.
Superheater, Locomotive. W. Shane. 2,167,090; July 25.
Superheterodyne detector. K. W. Jarvis and R. M. Blair. 2,178,995; Nov. 7.
Superheterodyne receiver. A. T. Witts. 2,144,355; Jan. 17.
Superphosphates, Manufacture of. H. Loiseau and G. Cartigny. 2,148,209; Feb. 21.
Supervisory control system. H. P. Boswau. 2,164,379; July 4.
Supervisory control system. W. P. Simpson and C. E. Stewart. 2,176,750; Oct. 17.
Supervisory system for watchmen. J. H. Derby. 2,150,209; Mar. 14.
Supply valve. J. T. McGrath. 2,164,934; July 4.
Supply valve, Float operated. R. H. Zinkil. 2,155,698; Apr. 25.

Support: *See*—
Adjustable arm support.
Adjustable book support.
Adjustable head support.
Adjustable saddle support.
Adjustable support.
Ankle support.
Arch support.
Bath spray support.
Bearing housing support.
Bearing support.
Bed covering support.
Binding device and pencil support.
Book support.
Brake beam safety support.
Brake gear support.
Bust support.
Cable support.
Card support.
Clothesline support.
Collar support.
Compression spring support.
Conductor support.
Cone cutter support.
Curtain-rod support.
Curtain support.
Cushion support.
Detachable support.
Disk structure support.
Door buck support.
Drawing board support.
Earphone support.
Electrode support.
Exhaust pipe and muffler support.
Flagpole support.
Floodlight support.
Funnel support.
Fuse support.
Garment hanger support.
Garment support.
Golf bag support.
Hanger support.
Head harness and canister support.
Heat exchange tube support.
Hood support.
Hose support.
Hosiery form support.
Inflatable swimming support.
Invalid walking support.
Ironing cord support.
Joist support.
Knock-down load support.
Lamp and signal support.
Loudspeaker support.
Manicurist's hand support.
Mantle support.
Map and like article support.
Maternity support.
Motor support.
Overtravel drawer support.
Philatelic support.
Pile foundation support.
Pipe support.
Plant support.
Putlog support.
Radiator and engine support.
Receptacle support.
Reel support.
Safety support.
Seat support.
Seedbed border and canvas support.
Shelf support.
Shirt collar support.
Stove support.
Substance support.
Tank siphon support.
Tire support.
Trailer support.
Transformer support.
Trolley wire support.
Tube support.
Vehicle crank support.
Ventilator and roof support.
Vibrator screen support.
Wall support.
Welt support.
Wheel support.
Window shade and curtain support.
Windshield support.
Wire tong support.
Work support.

Support. D. K. Copell. 2,161,855; June 13.
Support. A. G. Dean. 2,158,783; May 16.
Support. W. F. Errig and E. S. De Hart. 2,159,786; May 23.
Support. P. M. Forcier. 2,144,049; Jan. 17.
Support. B. C. Haskin. 2,147,030; Feb. 14.
Support. G. F. Hauf. 2,182,474; Dec. 5.
Support. W. La Hodny. 2,150,173; Mar. 14.
Support. L. B. Paul. 2,156,025; Apr. 25.
Support. A. T. Reynolds and W. F. Todé. 2,168,421; Aug. 8.
Support and clamp, Combined parallel work. A. Hagopian. 2,148,156; Feb. 21.
Support and control for electrical appliances. E. H. Dreyer. 2,144,527; Jan. 17.
Support and coupling, Monorail. W. G. Wehr. 2,156,827; May 2.
Support and locking mechanism, Adjustable. T. A. McGregor. 2,174,636; Oct. 3.
Support and reel structure for table tennis nets. J. Hillson. 2,150,033; Mar. 7.
Support and shirt retainer, Trouser. W. F. Gustlin. Re. 21,271; Nov. 21.
Support device. J. J. Massalski. 2,163,098; June 20.
Support for a film holder and a driving clutch for motion picture apparatus, Antifriction. O. Wittel and C. J. Hughey. 2,183,522; Dec. 19.
Support for a machine tool, Rotary work,. B. R. Granberg. 2,144,490; Jan. 17.
Support for accordions. A. J. Ver Bockel. 2,163,859; June 27.
Support for articles, Assemblable. H. E. Hoffman. 2,152,192; Mar. 28.
Support for bathtubs, Antisagging. W. G. Anderson. 2,173,995; Sept. 26.
Support for bathtubs, Baby. F. H. Schuette. 2,177,998; Oct. 31.
Support for buildings or the like, Adjustable. R. W. Akins. 2,181,163; Nov. 28.
Support for candy molds. G. Gruber. 2,170,051; Aug. 22.
Support for chair backs, Height adjustment. W. F. Herold. 2,168,620; Aug. 8.
Support for coal chutes and the like. A. C. Jury. 2,147,347; Feb. 14.
Support for cots, Netting. C. M. Walker. 2,155,209; Apr. 18.
Support for cylindrical containers. N. Marcus. 2,177,073; Oct. 24.
Support for drying mechanisms, Compensating. E. E. Cotanch. 2,182,789; Dec. 12.
Support for electron-discharge tubes, Mount. W. L. Krahl. 2,178,837; Nov. 7.
Support for fishing rods and poles. G. E. Strandt. 2,178,655; Nov. 7.
Support for flexible hose. S. Guarnaschelli. 2,170,557; Aug. 22.
Support for flexible hose. S. Guarnaschelli. 2,175,662; Oct. 10.
Support for foldable ironing boards. L. H. Eubank. 2,174,363; Sept. 26.
Support for furniture, Cushion. A. E. Bennett. 2,145,037; Jan. 24.
Support for garment hangers, Collapsible. E. R. Wendell. 2,142,830; Jan. 3.
Support for hair drier or the like. W. L. Martin. 2,142,570; Jan. 3.
Support for harvesting machines, Reel. T. N. Pierson. 2,178,023; Oct. 31.
Support for heddle bars. S. R. Floyd. 2,175,519; Oct. 10.
Support for hollow bodies. R. E. Glover. 2,151,321; Mar. 21.
Support for hollow bodies. B. H. Miller. 2,151,298; Mar. 21.
Support for ice trays, Antifreezing. O. Becker. 2,178,387; Oct. 31.
Support for ladders. A. M. Van Riper. 2,147,473; Feb. 14.
Support for leather working machines, Work. G. A. Schettler. 2,173,982; Sept. 26.
Support for lighting attachments, Resilient. R. E. vom Lehn. 2,178,526; Oct. 31.
Support for loose leaf binders. N. S. Welk and F. Hocker. 2,159,921; May 23.
Support for map holders, Reading glass. H. Baum. 2,169,786; Aug. 15.
Support for Neon tubes. M. Fletcher. 2,145,169; Jan. 24.

Support for pamphlets. M. H. Feiss. 2,159,262; May 23.
Support for phonographs, Record. C. Huenlich and H. F. M. Gramann. 2,175,264; Oct. 10.
Support for plants. H. Thomsen. 2,173,217; Sept. 19.
Support for plumbing fixtures, Adjustable. W. C. Groeniger. 2,159,021; May 23.
Support for power implements and units, Transportable. C. Jackson. 2,154,208; Apr. 11.
Support for radiating pipes. J. Van Vulpen. 2,160,689; May 30.
Support for radio-tube mounts, Shock-absorbing. W. L. Krahl. 2,178,836; Nov. 7.
Support for railroad coach cars, Body. S. L. Gossard. 2,163,198; June 20.
Support for scaffolds. P. Thomson. 2,161,239; June 6.
Support for scaffolds. P. Thomson. 2,162,651; June 13.
Support for self-winding recording devices. E. J. J. Henriksen. 2,175,524; Oct. 10.
Support for sewing machine tables. M. Rothfield. 2,168,451; Aug. 8.
Support for shirts, Collar. J. A. Peyton. 2,158,379; May 16.
Support for slicing machines, Substance. R. J. Heuer. 2,177,526; Oct. 24.
Support for stocking forms. D. M. Bauer. 2,169,134; Aug. 8.
Support for telephone bases. I. D. Blumenthal. 2,148,055; Feb. 21.
Support for trailer vehicles. G. H. Connors. 2,165,538; July 11.
Support for tube frames, Center. W. W. Robertson. 2,173,981; Sept. 26.
Support for vehicles, Spring. W. A. Clements. 2,148,014; Feb. 21.
Support for washing machines and the like. G. E. Olsson. 2,175,028; Oct. 3.
Support for washing machines and the like. J. S. Visscher. 2,176,753; Oct. 17.
Support for wire wheels. E. P. Moslo. 2,152,559; Mar. 28.
Support for X-ray heads, Slide. H. N. Henry. 2,182,985; Dec. 12.
Support or trainer, Plant. H. W. Barnhart. 2,152,018; Mar. 28.
Support rack. N. M. Twomey. 2,184,536; Dec. 26.
Support, rack, or stand, Wire reel. F. O. Lewis. 2,179,825; Nov. 14.
Support replacement device, Slidable sash. A. Ruesch. 2,152,361; Mar. 28.
Support such as centering, shuttering, scaffolding, and the like. R. F. Bartlett. 2,167,413; July 25.
Supporter. J. J. Keys. 2,157,454; May 9.
Supporter, Acoustic device. B. S. Liss. 2,156,504; May 2.
Supporter and cravat holder, Combined brace. W. Dusablond. 2,183,831; Dec. 19.
Supporter, Arch. S. A. Freda. 2,161,565; June 6.
Supporter, Arch. A. I. Netkowski. 2,163,260; June 20.
Supporter clip. J. Benkert. 2,167,167; July 25.
Supporter, Garment. F. G. Purinton. 2,154,863–4; Apr. 18.
Supporter, Garment. R. Tilly. 2,147,179; Feb. 14.
Supporter, Hose. F. C. Hall. 2,142,645; Jan. 3.
Supporter, Hose. W. E. Hatheway. 2,155,711; Apr. 25.
Supporter, Hose. F. L. Langhammer. 2,172,309; Sept. 5.
Supporter, Hose. W. J. Spencer. 2,171,012; Aug. 29.
Supporter, Pneumatic foot. M. Persichino. 2,177,116; Oct. 24.
Supporter, Trouser. M. Liebmann. 2,181,192; Nov. 28.
Supporting apparatus for Venetian blinds. W. W. Lewis. 2,155,944; Apr. 25.
Supporting attachment for ironing boards, Clothes. A. F. Hipp. 2,165,548; July 11.
Supporting device. P. B. Bucky. 2,160,454; May 30.
Supporting device. F. O. Conill. 2,161,911; June 13.
Supporting device. H. H. Merwin. 2,146,835; Feb. 14.
Supporting device for implement attachments. C. W. Mott. 2,172,987; Sept. 12.
Supporting device for revolving flat cards. W. L. Blackwelder. 2,156,007; Apr. 25.
Supporting, equalizing, and stabilizing mechanism. Z. Littman. 2,154,463; Apr. 18.
Supporting means. A. H. Gaebel. 2,166,523; July 18.
Supporting means. E. S. Preston. 2,169,125; Aug. 8.
Supporting means, Adjustable. A. L. Johnson. 2,180,210; Nov. 14.
Supporting means, Cycle-saddle. F. W. Schwinn. 2,167,912; Aug. 1.
Supporting means, Detachable. H. H. Lowenstein. 2,159,357; May 23.
Supporting means for apparel. A. Fridolph. 2,143,815; Jan. 10.
Supporting means for ladles. H. H. Needham, H. A. Schmitz, Jr., and F. K. Zerbe. 2,165,066; July 4.
Supporting means for signs. W. F. Reisiger. 2,154,250; Apr. 11.
Supporting means, particularly for furniture, Wheeled. A. C. Barltrop. 2,152,946; Apr. 4.
Supporting mechanism for well pumping equipment. C. R. Athy. 2,175,589; Oct. 10.
Supporting stand. C. F. Kraemer. 2,167,483; July 25.
Supporting structure for elevated railway tracks and elevating the tracks. H. E. Culbertson. 2,160,399; May 30.
Supporting structure for porcelain enameled pans. A. C. Maus. 2,171,221; Aug. 29.
Supporting structure for radio indicating and control apparatus. R. C. Marholz. 2,154,406; Apr. 11.
Supporting surface for mattresses, cushions, and the like. W. H. Chapman. 2,159,520; May 23.
Supporting unit. W. J. Wright. 2,175,421; Oct. 10.
Suppressor, Surge. R. S. Quick. 2,142,410; Jan. 3.
Surface active agents, Manufacture of. K. Nagel. 2,148,275; Feb. 21.
Surface condenser. F. S. Bennett. 2,153,361; Apr. 4.
Surface condenser. J. F. Grace. 2,168,902; Aug. 8.
Surface cooler. A. O. Flindt. 2,166,808; July 18.
Surface decoating method and apparatus. H. F. Gundlach. 2,166,138; July 18.
Surface decorating apparatus. E. W. Hamant. 2,176,765; Oct. 17.
Surface decorating machine. C. A. Wulf. 2,146,411; Feb. 7.
Surface decorating mechanism. L. V. Casto, G. von Webern, and E. W. Hamant. 2,176,062; Oct. 17.
Surface decorating method and apparatus. G. von Webern. 2,169,439; Aug. 15.
Surface finishing. W. H. Foster and L. D. Tyson. 2,184,640; Dec. 26.
Surface for plating, Preparing metal. E. Raub. 2,162,789; June 20.
Surface godet and spinning apparatus, Duplex. E. R. Blount. 2,181,934; Dec. 5.
Surface-grinding machine, Hydraulically operated. A. G. Belden and C. G. Flygare. 2,171,519; Sept. 5.
Surface layer and forming it, Bonded. A. M. Howald and L. S. Meyer. 2,178,358; Oct. 31.
Surface of wallboard and the like, Coating the. D. F. Smith and O. T. Close. 2,176,981; Oct. 24.
Surface ornamentation. L. J. Mitchell. 2,154,633; Apr. 18.
Surface preparation. W. R. Kappes. 2,171,546; Sept. 5.
Surface, Protective. R. A. Crawford. 2,167,972; Aug. 1.
Surface rod line jack. E. R. Thomas. 2,175,651; Oct. 10.
Surface scrubbing machine. A. G. Dawson and I. R. Wagner. 2,142,605; Jan. 3.
Surface section for signs. R. M. Netz. 2,175,698; Oct. 10.
Surface treatment of magnesium and magnesium base alloys. M. Tosterud. 2,178,977; Nov. 7.
Surface, Wear-resistant. D. van der M. Haarhoff. 2,165,955; July 11.
Surfaces by thermal evaporation, Coating. R. C. Williams. 2,151,457; Mar. 21.
Surfaces, Cleaning of metallic. W. Heimberger. 2,171,891; Sept. 5.
Surfaces, Cleaning tubular heat exchanging. H. Peters. 2,183,496; Dec. 12.
Surfaces, Generating curved. C. H. Schurr. 2,154,054; Apr. 11.
Surfaces, Heating broad. R. J. Kehl. 2,181,974; Dec. 5.
Surfaces in pattern form, Production of piled. A. F. Meston and H. A. Wintermute. 2,152,077; Mar. 28.
Surfaces, Machining curved. W. H. Ford. 2,180,872; Nov. 21.
Surfaces of fibrous materials, Treating. C. M. Boyce. Re. 21,195; Sept. 5.
Surfaces of grinding disks and the like, Arrangement for working the peripheral E. Brinkmann and P. Arning. 2,161,609; June 6.
Surfaces of hollow articles, Coating interior. E. C. Hall. 2,146,819; Feb. 14.
Surfaces, Production of leatherlike. R. C. McQuiston and H. C. Hopewell. 2,172,028; Sept. 5.
Surfaces, Treating hard. G. Monnet. 2,164,418; July 4.
Surfaces with metallic layers, Coating cementitious. G. S. Smith. 2,150,789; Mar. 14.
Surfacing apparatus. L. Holmes. 2,174,385; Sept. 26.
Surfacing machine, Rotary. H. L. Myers. 2,142,697; Jan. 3.
Surf-fishing device. V. Bertelli and W. M. Shrode. 2,173,511; Sept. 19.
Surge generator. R. Tröger. 2,157,929; May 9.
Surge tank. F. D. Taylor. 2,158,388; May 16.
Surgical and medical preparations. W. O. Herrmann, B. Braun, and W. Haehnel. 2,155,658; Apr. 25.
Surgical device. W. F. Reardon. 2,182,390; Dec. 5.
Surgical dressing. E. E. Dickson. 2,145,755; Jan. 31.
Surgical instrument. E. Gauly. 2,153,417; Apr. 4.
Surgical lamp, Portable. P. A. Nirdlinger. 2,144,197; Jan. 17.
Surgical pack. R. W. Stevens. 2,179,964; Nov. 14.
Surgical reducing frame. E. E. Longfellow. 2,155,866; Apr. 25.
Surgical tape or submucosa tissue. A. Rogers. 2,167,251; July 25.
Surrogates and additions for coffee, Production of. E. Freudl. 2,161,511; June 6.
Surveying instrument. A. N. Brunson. 2,164,051; June 27.
Surveying instrument. A. Langsner. 2,184,351; Dec. 26.
Surveying instrument. P. Morris. 2,179,514; Nov. 14.
Surveyor's plane table. E. S. Gandrud. 2,155,538; Apr. 25.
Suspender construction. J. Schwarz. 2,170,340; Aug. 22.
Suspender for socks or stockings. W. L. Morgan. 2,151,389; Mar. 21.

Suspender loop fastener. D. I. Reiter. 2,147,922; Feb. 21.
Suspender, Stocking. A. S. Kinnucan. 2,160,156; May 30.
Suspension device. J. Bugatti. 2,175,516; Oct. 10.
Suspension device. H. König. 2,161,301; June 6.
Suspension device. E. Oettel. 2,166,533; July 18.
Suspension device. W. White. 2,166,884; July 18.
Suspension for aircraft engines, Resilient. M. Birkigt. 2,147,516; Feb. 14.
Suspension for drawers and analogous devices. J. R. Jones and V. A. Gronberg. 2,157,611; May 9.
Suspension for vehicles. H. A. Knox. 2,149,297; Mar. 7.
Suspension, Front end. M. A. Luce. 2,167,763; Aug. 1.
Suspension, Individual. J. W. Leighton. 2,167,984; Aug. 1.
Suspension means for picture frames. E. N. Kellogg. 2,180,211; Nov. 14.
Suspension, Swinging half-axle. J. Tjaarda. 2,145,670; Jan. 31.
Suspension system for vehicles. G. H. Schieferstein. 2,167,911; Aug. 1.
Suspension system, Individual pneumatic. J. W. Kuhn. 2,180,876; Nov. 21.
Suspensions and their production. S. J. Wynn. 2,143,099; Jan. 10.
Suspensions for coating and other purposes. V. R. Abrams. 2,157,380; May 9.
Suspensions for lubricating and other purposes. V. R. Abrams. 2,157,379; May 9.
Sustaining and propelling members for fluid-sustained craft. J. J. Novak. 2,169,325; Aug. 15.
Sustaining and propulsive means for aircraft. A. O. Price. 2,164,721; July 4.
Suture. F. W. Hames. 2,153,889; Apr. 11.
Suture holder. A. Choffel. 2,176,452; Oct. 17.
Swab. J. T. Phipps. 2,163,058; June 20.
Swab. R. A. Wilson. 2,147,072; Feb. 14.
Swab, Well. B. E. Parrish. 2,153,843; Apr. 11.
Swab, Well. H. R. Standlee. 2,144,944; Jan. 24.
Swab, Well. F. A. Thaheld. 2,144,997; Jan. 24.
Swash plate type engine. C. G. Nevatt and F. W. Shearer. 2,151,614; Mar. 21.
Swatch. R. Weinlich. 2,179,767; Nov. 14.
Swatch cover. N. B. Powter and J. L. McCaul. 2,178,404; Oct. 31.
Swatter, Automatically extensible fly. E. Souply. 2,151,242; Mar. 21.
Swatter blade, Fly. J. A. Nickelsen. 2,163,761; June 27.
Swatter, Fly. D. Baker. 2,157,106; May 9.
Sway bar. B. D. McIntyre. 2,155,867; Apr. 25.
Sweat band. W. F. Sterne. 2,160,567; May 30.
Sweater. C. H. Martin. 2,171,220; Aug. 29.
Sweating furnace. L. Meiselman and R. E. Stark. 2,176,267; Oct. 17.
Sweep circuit. R. J. Kemp. 2,143,379; Jan. 10.
Sweeper and mop, Suction. A. Herman. 2,159,211; May 23.
Sweeper brush drive mechanism, Carpet. F. W. Pullen. 2,171,633; Sept. 5.
Sweeper, Carpet. H. W. Gussack. 2,181,455; Nov. 28.
Sweeper, Carpet. J. M. Kenyon. 2,180,060; Nov. 14.
Sweeper, Carpet. C. C. Parrish. 2,184,623; Dec. 26.
Sweeper, Carpet. F. W. Pullen. 2,178,917; Nov. 7.
Sweeper, Carpet. E. R. Smith. 2,166,977; July 25.
Sweeper, Carpet. C. M. Youart. 2,184,609; Dec. 26.
Sweeper, Snow. J. A. Blazier. 2,171,075; Aug. 29.
Sweeper, Suction. J. B. Kirby. 2,172,911; Sept. 12.
Sweeping machine. J. R. Royer. 2,156,065; Apr. 25.
Sweet-feed mixer. T. H. Riza. 2,164,257; June 27.
Sweet potatoes and yams, Treatment of. A. T. Repp. 2,174,838; Oct. 3.
Swing. J. W. Miller. 2,181,063; Nov. 21.
Swing, Amusement. S. W. Zippler. 2,146,045; Feb. 7.
Swing, Child's. G. B. Bentz. 2,177,794; Aug. 1.
Swing, Circular. W. P. Stampfli. 2,150,612; Mar. 14.
Swing, Hanger. A. J. Thomson. 2,177,084; Oct. 24.
Swing joint. F. V. Long. 2,150,583; Mar. 14.
Swing, Playground. E. M. Burke. 2,151,403; Mar. 21.
Swinging sign. C. W. Glasgow. 2,147,890; Feb. 21.
Swinging sign. C. W. Glasgow. 2,178,751; Nov. 7.
Swimming appliance, Safety. I. W. Shafer. 2,173,567; Sept. 19.
Swimming device. A. Larson. 2,159,972; May 30.
Swimming gear. I. F. Redwine. 2,168,945; Aug. 8.

Switch: *See*—
- Adjustable thermostatic switch.
- Automobile signal switch.
- Baffled mercury switch.
- Bumper switch.
- Burglar alarm switch.
- Button hand switch.
- Centrifugal switch.
- Combination lock ignition switch.
- Compensated switch.
- Condition responsive switc
- Control switch.
- Conveyor switch.
- Delayed action reversing switch.
- Delayed action switch.
- Dimmer switch.
- Disconnect switch.
- Disconnecting switch.
- Drilling machine switch.
- Drink mixer switch.
- Dual controlled switch.
- Electric-connector switch.
- Electric motor switch.
- Electric service switch.
- Electric snap switch.
- Electric switch.
- Electric tumbler switch.
- Electrical switch.
- Electromagnetically operated switch.
- Emergency ignition switch.
- Flashing switch.
- Flashlight switch.
- Float switch.
- Fluid operated switch.
- Fluid pressure controlled switch.
- Frictionally restrained switch.
- Front operated switch.
- Fuse switch.
- Fused switch.
- Gang switch.
- Handle switch.
- Heat responsive switch.
- Illumination switch.
- Impulse switch.
- Indicating switch.
- Inertia switch.
- Jack switch.
- Key controlled switch.
- Keyless ignition switch.
- Lamp switch.
- Lock switch.
- Manometer switch.
- Master switch.
- Mercury switch.
- Mercury tube switch.
- Motor operated switch.
- Motor protector switch.
- Motor switch.
- Multicircuit timing switch.
- Multiple-blade disconnecting switch.
- Multiple circuit switch.
- Multiple switch.
- Nonarcing selector switch.
- Oil switch.
- Overload protective switch.
- Overload switch.
- Periodic rotary switch.
- Plug and receptacle switch.
- Plug switch.
- Plug type switch.
- Plunger switch.
- Pneumatically operated switch.
- Pull switch.
- Push-button switch.
- Push switch.
- Radio switch.
- Refrigerator control switch
- Reset thermal switch.
- Retarded switch.
- Reverse current switch.
- Rheostat switch.
- Rotary switch.
- Rotation indicating switch.
- Safety switch.
- Selective switch.
- Selector switch.
- Signal switch.
- Signaling switch.
- Slow brake switch.
- Snap switch.
- Socket switch.
- Speed alarm switch.
- Speed controlled switch.
- Speed responsive switch.
- Starter switch.
- Stoker control switch.
- Thermally controlled switch.
- Thermostatic switch.
- Three-way switch.
- Time control switch.
- Time controlled switch.
- Time limit switch.
- Time switch.
- Tire air pressure switch.
- Toggle joint cut-out switch.
- Toggle switch.
- Transitory switch.
- Vacuum switch.
- Vehicle signal switch.
- Vehicle steering wheel switch.
- Wall switch.

Switch. J. Arcelon. 2,152,450; Mar. 28.
Switch. R. E. Bassett, Jr. 2,176,195; Oct. 17.
Switch. A. A. Bluemle and J. W. Lawson. 2,148,801; Feb. 28.
Switch. C. Christensen. 2,154,665; Apr. 18.
Switch. Cobbett, L. 2,184,611; Dec. 26.
Switch. B. Cooper. 2,165,227; July 11.
Switch. C. I. Erickson. 2,157,930; May 16.
Switch. O. F. Forsberg. 2,144,839; Jan. 24.
Switch. W. H. Frank. 2,179,737; Nov. 14.
Switch. W. H. Frank and J. A. Messing. 2,146,811; Feb. 14.
Switch. W. H. Frank and J. A. Messing. 2,154,236; Apr. 11.
Switch. H. G. Graubner and A. G. Saurwein. 2,174,877; Oct. 3.
Switch. A. Hall. 2,177,481; Oct. 24.
Switch. V. A. Hamilton. 2,177,938; Oct. 31.
Switch. P. B. Hoye. 2,157,174; May 9.
Switch. P. B. Hoye. 2,172,201; Sept. 5.
Switch. C. G. Kronmiller. 2,165,801; July 11.
Switch. E. H. Little. 2,184,780; Dec. 26.
Switch. C. A. Michel. 2,172,666; Sept. 12.
Switch. W. J. Morrill and C. P. Pepper. 2,149,096; Feb. 28.
Switch. M. W. Morris. 2,151,612; Mar. 21.
Switch. M. Nelsen and T. Obszarny. 2,171,044; Aug. 29.
Switch. R. Popp. 2,158,678; May 16.
Switch. S. Ruppel. Re. 21,125; June 20.
Switch. N. C. Schellenger. 2,148,408; Feb. 21.
Switch. N. C. Schellenger. 2,177,284; Oct. 24.
Switch. N. C. Schellenger. 2,177,292; Oct. 24.
Switch. V. Sherman. 2,155,689; Apr. 25.
Switch. D. T. Siegel. 2,163,919; June 27.
Switch. J. Singer. 2,179,385; Nov. 7.
Switch. F. G. Whittington. 2,154,796; Apr. 18.
Switch actuating mechanism. R. A. Blood. 2,180,501; Nov. 21.
Switch-actuating mechanism. J. E. P. Grant. 2,153,462; Apr. 4.
Switch and computer control device for fluid pumps. W. H. D. Brouse. 2,169,870; Aug. 15.
Switch and control system, Time. T. A. Solberg. 2,184,724; Dec. 26.
Switch and fuse, Combined. W. O. Schultz and A. G. Steinmayer. 2,176,227; Oct. 17.
Switch and mechanism, Timing. C. L. Anderson. 2,175,865; Oct. 10.
Switch and operator therefor. C. R. Grantham. 2,170,715; Aug. 22.
Switch and signal mechanism for tracks and vehicle toys. K. Randall and M. Fleishman. 2,161,314; June 6.
Switch and system therefor, Electromagnetic. C. L. Perry. 2,170,694; Aug. 22.
Switch and the like, Electric. A. M. Draving and W. I. Ingham. 2,159,369; May 23.
Switch and the like, Thermal. J. Schmidinger. 2,177,671; Oct. 31.
Switch and the like, Thermoelectric safety. J. H. Thornbery. 2,183,827; Dec. 19.

Switch and tripping mechanism therefor, Electric. E. H. Taylor. 2,160,424; May 30.
Switch apparatus for timing X-ray exposures, Body operated. F. M. Gulland. 2,152,045; Mar. 28.
Switch as used in telephone systems, automatic. R. N. Saxby. 2,149,632; Mar. 7.
Switchboard, Flameproof. L. R. Fiedler. 2,173,101; Sept. 19.
Switchboard, Intercommunicating and broadcasting. A. S. Benjamin. 2,149,386; Mar. 7.
Switchboard, Telephone. G. H. Peterson. 2,181,668; Nov. 28.
Switch, Centrifugal. R. W. Groot. Re. 20,993; Jan. 31.
Switch construction. W. O. Schultz and A. G. Steinmayer. 2,149,365; Mar. 7.
Switch construction, Electric. W. H. Modrack. 2,167,538; Oct. 17.
Switch construction, Electric snap. M. W. Eaton. 2,172,673; Sept. 12.
Switch construction, Electric snap. A. L. Riche. 2,181,068; Nov. 21.
Switch construction, Push-button. R. S. Edwards. 2,169,996; Aug. 22.
Switch contact, Electrical. L. Zickrick. 2,178,508; Oct. 31.
Switch control and indication system. C. W. Bell. 2,159,518; May 23.
Switch control and indication system. H. S. Young. 2,162,927; June 20.
Switch control and indication system. H. S. Young. 2,177,125; Oct. 24.
Switch control system. C. M. Hines. 2,156,689–90; May 2.
Switch controlling apparatus, Railway. C. M. Hines. 2,163,838; June 27.
Switch controlling apparatus, Railway track. G. R. Pflasterer. 2,184,566; Dec. 26.
Switch detail, High frequency electrical. J. F. Frese. 2,155,537; Apr. 25.
Switch device. H. I. Nicholas. 2,148,872; Feb. 28.
Switch device, Electromagnetic. J. E. Farrell. 2,157,787; May 9.
Switch device for spotlights. N. A. Tornblom. 2,147,953; Feb. 21.
Switch device, Magnetic. W. L. Smith. 2,165,514; July 11.
Switch device, Thermostatic electric. C. W. Bondurant. 2,150,203; Mar. 14.
Switch devices, Electronic. G. E. Pray. 2,170,157; Aug. 22.
Switch for a fluid operated device. L. H. Cutting. 2,168,473; Aug. 8.
Switch for alternating flashlights and signals. O. J. Crawford and J. W. Brown. 2,144,402; Jan. 17.
Switch for automobiles, Automatic signal. E. C. Huston. 2,144,571; Jan. 17.
Switch for coffee roasters, Snap. L. M. Persons. 2,168,580; Aug. 8.
Switch for control of low voltage circuits. A. W. Krieger. 2,151,037; Mar. 21.
Switch for dynamo-electric machines, Reversing. J. H. Blankenbuehler. 2,179,320; Nov. 7.
Switch for electric drives for calculating machines. C. H. Arnold. 2,142,341; Jan. 3.
Switch for electric irons. F. and J. Reingruber. 2,153,503; Apr. 4.
Switch for flashlights, Lock. J. F. Ayotte and I. T. Holihan. 2,181,447; Nov. 28.
Switch for fuel oil burners, Float. C. A. Silvestri and A. Pacifico. 2,180,884; Nov. 21.
Switch for hand lamps. W. R. Kopp. 2,167,117; July 25.
Switch for miniature railway tracks, Frog and point. A. G. Freihoff. 2,171,357; Aug. 29.
Switch for motor casing. H. W. Batcheller. 2,165,200; July 11.
Switch for refrigerating apparatus. E. B. Newill. 2,184,241; Dec. 19.
Switch for scientific baths, Thermostatic. N. Morris. 2,164,282; June 27.
Switch for toy railroads, Remotely controlled. E. E. McKeige and A. N. Smith. 2,161,424; June 6.
Switch for use in motor vehicle headlight dipping arrangements, Electromagnetically operated. C. J. and S. C. Evans. 2,183,449; Dec. 12.
Switch for use in telephone or like systems, Automatic. R. N. Saxby. 2,158,384; May 16.
Switch for use in telephone or like systems, Automatic. R. Taylor and G. T. Baker. 2,154,785; Apr. 18.
Switch for well pumping mechanism, Emergency cut-out. C. R. Athy. 2,142,551; Jan. 3.
Switch frog and assembly, Railroad. C. E. Everhart. 2,182,290; Dec. 5.
Switch gear, Electric. C. H. Hill. 2,152,478; Mar. 28.
Switchgear, Metal clad. H. H. Rugg. 2,175,854; Oct. 10.
Switch handle. F. H. Travers. 2,151,626; Mar. 21.
Switch handle control mechanism for dispensing pumps. C. T. Neal. 2,147,126; Feb. 14.
Switch housing, Explosionproof. C. A. Hardage. 2,156,564; May 2.
Switch housing, Explosionproof. R. H. Olley. 2,154,821; Apr. 18.
Switch housing, Flametight. J. W. Herrick. 2,171,063; Aug. 29.
Switch index mechanism. K. Newman. 2,153,430; Apr. 4.
Switch indexing mechanism, Electric. G. H. Hart. 2,155,594; Apr. 25.
Switch locking device, Safety. S. L. Eastburn and G. M. Cooper. 2,145,687; Jan. 31.
Switch, Magnetic. O. J. Leins. Re. 21,038; Mar. 28.
Switch manipulating means, Electric. J. G. Coles. 2,172,731; Sept. 12.
Switch means, Electrical. L. Ober. 2,144,705; Jan. 24.
Switch mechanism. K. D. Andrews. 2,159,243; May 23.
Switch mechanism. W. R. Curtiss. 2,162,528; June 13.
Switch mechanism. B. Radtke. 2,169,287; Aug. 15.
Switch mechanism. C. Streck. 2,180,022; Nov. 14.
Switch mechanism, Automatic coin-operated time control. L. Grünbaum. 2,150,324; Mar. 14.
Switch mechanism, Electrically operated. A. G. and N. G. Kershaw. 2,164,822; July 4.
Switch mechanism for a multiple coil solenoid. F. G. G. Armstrong. 2,174,433; Sept. 26.
Switch mechanism, Thermostatic. E. Zurcher. 2,160,634; May 30.
Switch mounting, Electromagnetic. E. L. Hoffmann. 2,174,086; Sept. 26.
Switch of the slow-make, slow-break type, Electric. G. J. Meuer. 2,172,396; Sept. 12.
Switch operating apparatus, Railway. H. L. Bone. 2,168,790; Aug. 8.
Switch operating apparatus, Railway. H. L. Bone. 2,175,593; Oct. 10.
Switch operating apparatus, Railway. J. I. Grammer. 2,168,796; Aug. 8.
Switch operating apparatus, Railway. W. C. McWhirter and E. G. Little. 2,183,164–5; Dec. 12.
Switch operating mechanism, Railway. H. L. Bone and K. J. J. McGowan. 2,184,870; Dec. 26.
Switch operator and control for dispensing pumps. C. S. Hazard. 2,148,122; Feb. 21.
Switch or circuit breaker, Manually and thermostatically operable. R. N. Rowe. 2,171,964; Sept. 5.
Switch or control arrangement for operating X-ray apparatus. F. Dessauer and K. Lion. 2,181,775; Nov. 28.
Switch panel, Explosionproof. R. H. Olley. 2,158,477; May 16.
Switch plate, Electrical. J. M. Reed. 2,179,198–9; Nov. 7.
Switch point lock. L. T. Ferguson. 2,177,802; Oct. 31.
Switch, Railway. S. E. Tracy. Re. 21,011; Feb. 21.
Switch retainer construction. M. Goff. 2,171,087; Aug. 29.
Switch, Snap. N. C. Schellenger. Re. 21,211; Sept. 19.
Switch snap-action device, Multiple thermostat. L. M. Persons. 2,145,950; Feb. 7.
Switch stand. A. A. Adams and R. G. Morse. 2,146,666; Feb. 7.
Switch structure. C. J. Breitenstein. 2,168,057; Aug. 1.
Switch structure, Combination fan and limit. B. E. Shaw. 2,158,437; May 16.
Switch structure, Foot actuated. H. V. Phelps. 2,157,942; May 9.
Switch suitable for use with internal combustion engines, Battery isolating. G. Robertson. 2,158,428; May 16.
Switch synchronizing system. G. Kiner. 2,146,189; Feb. 7.
Switch terminal construction. N. C. Schellenger. 2,177,288; Oct. 24.
Switch unit. C. H. H. Rodanet. 2,167,374; July 25.
Switch unit. B. E. Shaw. 2,170,341; Aug. 22.
Switch, Vacuum. W. K. Rankin. Re. 21,087; May 16.
Switches, Control of electric. H. Bany. 2,157,810; May 9.
Switches, Control of electric. D. L. Beeman. 2,169,867; Aug. 15.
Switching apparatus. W. H. Frank, L. E. Fisher, and J. A. Messing. 2,158,657; May 16.
Switching apparatus. B. V. Giegerich. 2,145,720; Jan. 31.
Switching apparatus. J. E. Ostline. 2,143,572; Jan. 10.
Switching apparatus for electrically counting rapid reciprocating movements. R. Blomerius. 2,152,947; Apr. 4.
Switching arrangement for high frequency apparatus. G. M. Wright. 2,157,312; May 9.
Switching device. J. W. Dehn and O. Myers. 2,157,890; May 9.
Switching device and mounting means therefor, Electric. B. R. Hermann. 2,163,398; June 20.
Switching device, Electric. J. G. Jackson. 2,143,697; Jan. 10.
Switching device, Electromagnetic. P. W. Swenson. 2,178,656; Nov. 7.
Switching equipment, Automatic. A. E. Anderson. 2,172,950; Sept. 12.
Switching means. E. G. Lacey. 2,166,498; July 18.
Switching mechanism. A. E. Baak. 2,178,825; Nov. 7.
Switching mechanism. F. H. Cole. 2,156,663; May 2.
Switching mechanism. F. S. Denison, W. E. Harrison, and E. M. Miller. 2,159,503; May 23.
Switching mechanism. W. H. Matthies. 2,166,764; July 18.
Switching mechanism and method. R. W. Sorensen. 2,173,139; Sept. 19.
Switching system. P. Verplanck. 2,168,010; Aug. 1.
Switching system and apparatus, Automatic. E. E. Kleinschmidt and D. S. Hulfish. 2,153,574; Apr. 11.
Switching system and apparatus therefor. G. R. Crane and B. B. Hayworth. 2,182,070; Dec. 5.

Switching system, Electronic. C. C. Shumard. 2,146,862; Feb. 14.
Switching system, Teletypewriter automatic. E. F. Watson. 2,154,592; Apr. 18.
Switching system, Time controlled. R. De Vivo. 2,149,424; Mar. 7.
Swivel. F. E. Anderson. 2,176,519; Oct. 17.
Swivel. G. W. Bowen and R. B. Kinzbach. 2,176,323; Oct. 17.
Swivel. W. A. H. Wells. 2,163,420; June 20.
Swivel joint. M. Zadek. 2,156,367; May 2.
Swivel palm for web shifting devices. W. C. Nash. 2,172,543; Sept. 12.
Swivel pipe coupling. M. P. Laurent. 2,158,131; May 16.
Swivel roller construction. H. N. Ekbom and E. Korensky. 2,163,729; June 27.
Swivel, Rotary. G. Tremolada. 2,150,529; Mar. 14.
Symbol for advertising purposes, Luminous. K. Wiegand. 2,163,442; June 20.
Synchronization method for television. K. Schlesinger. 2,144,776; Jan. 24.
Synchronization testing device. R. E. Worstell. 2,157,878; May 9.
Synchronized motor. T. A. Reid. 2,179,350; Nov. 7.
Synchronizing apparatus. V. Aigner. 2,166,785; July 18.
Synchronizing apparatus. F. X. Lamb. 2,146,632; Feb. 7.
Synchronizing apparatus. M. Wilfart. 2,166,833; July 18.
Synchronizing clutch. C. D. Peterson. 2,175,911; Oct. 10.
Synchronizing impulses, Producing rectangular shaped. J. Schunack. 2,160,522; May 30.
Synchronizing method and apparatus. S. L. Clothier and H. C. Hogencamp. 2,163,542; June 20.
Synchronizing, Method of and apparatus for. H. J. Nichols. 2,172,290; Sept. 5.
Synchronizing system. R. Andrieu. 2,176,948; Oct. 24.
Synchronizing system. H. J. Nichols. 2,150,239; Mar. 14.
Synchronizing system. H. J. Nichols. 2,182,000; Dec. 5.
Synchronizing system. F. G. Nuxoll and P. A. Noxon. 2,173,723; Sept. 19.
Synchronizing system. H. T. Seeley. 2,168,175; Aug. 1.
Synchronizing system. R. Urtel. 2,168,251; Aug. 1.
Synchronous machine, Method of and apparatus for accelerating and synchronizing a. D. H. Shoults. 2,164,181; June 27.
Synchronous machines, Method and apparatus for synchronizing. F. H. Winter. 2,160,690; May 30.
Synchronous motor. W. L. Hansen and I. N. Hurst. 2,155,266; Apr. 18.
Synchronous motor. F. Lux. 2,160,076; May 30.
Synchronous motor. A. C. Reid and H. J. McCreary. 2,157,435; May 9.
Synthetic products and making them. G. H. Ellis and W. H. Schlafge. 2,143,831; Jan. 10.
Syringe. A. O. McKinley. 2,180,063; Nov. 14.
Syringe. M. Payne. 2,169,371; Aug. 15.
Syringe, Ampoule. A. E. Smith. 2,157,503; May 9.
Syringe and cartridge and making cartridge, Hypodermic. J. A. Saffir. 2,175,365; Oct. 10.
Syringe and cartridge, Hypodermic. J. A. Saffir. 2,168,686; Aug. 8.
Syringe and cartridge therefor, Hypodermic. J. A. Saffir. 2,153,594; Apr. 11.
Syringe, Cabinet. R. C. Snow. 2,170,281; Aug. 22.
Syringe, Dental and medical hypodermic. E. J. Chaput. 2,147,616; Feb. 14.
Syringe holder, Hypodermic. S. W. Moore. 2,151,610; Mar. 21.
Syringe, Hypodermic. L. A. Dunajeff. 2,150,738; Mar. 14.
Syringe, Hypodermic. W. Scrimgeour. 2,158,593; May 16.
Syringe or applicator. H. B. Lermer. 2,161,178; June 6.
Syringes, Hypodermic and other. A. C. McKay. 2,156,023; Apr. 25.
System of distribution. H. O. Stephens. 2,168,177; Aug. 1.
T and making same, Welding. J. H. Williams. 2,157,274; May 9.
Tab for slide fasteners, Identification pull. G. D. Knoess. 2,145,118; Jan. 24.
Tab insert. F. A. Schmitz. 2,151,359; Mar. 21.
Tab or title protector, Index. T. H. Krueger. 2,164,928; July 4.
Tab, Weighted sample. S. E. Bender. 2,149,830; Mar. 7.

Table: *See*—
- Bat-forming table.
- Bathtub and dressing table.
- Bedtray and bedside table.
- Billiard table.
- Card table.
- Collapsible table.
- Colonic irrigating table.
- Combination table.
- Console table.
- Conveyer table.
- Dining table.
- Double ironing table.
- Drawing table.
- Examining table.
- Extension table.
- Feed table.
- Folding card table.
- Folding table.
- Food warming table.
- Game table.
- Glass surfacing table.
- Ironing table.
- Manicuring table.
- Massage table.
- Operating table.
- Perforate table.
- Pool table.
- Poultry blood lesting table.
- Print reproducing table.
- Radio table.
- Sewing machine table.
- Surveyor's plane table.
- Trap table.
- Treating table.
- Turning table.
- Undertaker's dressing table
- Utility table.
- Vibrating table.
- Work supporting table.
- Work table.

Table. D. A. Aron. 2,146,413; Feb. 7.
Table. C. A. Dailey. 2,162,298; June 13.
Table. J. V. Findley. 2,184,695; Dec. 26.
Table. G. V. Ingram. 2,180,525; Nov. 21.
Table. W. C. Lindsay. 2,158,726; May 16.
Table. T. E. McFall. 2,184,976; Dec. 26.
Table. P. M. McKay. 2,184,677; Dec. 26.
Table and associated seat. J. C. Higgins. 2,182,476; Dec. 5.
Table and leaf construction. D. Dillion. 2,154,125; Apr. 11.
Table and operating means therefor, Folding. E. F. Knowles. 2,184,500; Dec. 26.
Table and the like, Folding ironing. H. Howe. 2,176,302; Oct. 17.
Table attachment for automobiles. W. Critchlow. 2,160,958; June 6.
Table construction. M. W. Fichman. 2,178,570; Nov. 7.
Table construction. P. Rosenberg. 2,166,196; July 18.
Table construction. P. Rosenberg and E. Mically. 2,166,195; July 18.
Table for automobiles. L. M. Troendle. 2,173,569; Sept. 19.
Table for balers, Feed. B. C. Leonard. 2,181,060; Nov. 21.
Table for hearses, Casket. E. L. Schofield. 2,171,071; Aug. 29.
Table for machine tools, Rotary. M. Pfauter. 2,155,680; Apr. 25.
Table for machine tools, Rotary. J. M. Rusnak. 2,177,006; Oct. 24.
Table for sewing machines, All-metal power. D. H. Chason and F. A. Park, Jr. 2,183,366; Dec. 12.
Table for washbasins and the like, Extension. B. Hart. 2,162,887; June 20.
Table leg. W. Hoffmann. 2,148,353; Feb. 21.
Table leg latch, Folding. U. K. Johannsen. 2,162,672; June 13.
Table mechanism for printing presses, Delivery. F. W. Seybold. 2,156,032; Apr. 25.
Table or the like. R. K. Merrill. 2,163,049; June 20.
Table receptacle, Dining. A. L. Kitselman, II. 2,179,188; Nov. 7.
Table reciprocating mechanism, Grinding machine. C. G. Flygare. 2,161,150; June 6.
Table reciprocating mechanism, Hydraulic. B. H. Goehring. 2,161,156; June 6.
Table reciprocating mechanism, Hydraulic. W. H. Wood. 2,161,216; June 6.
Table slide. J. Schlemmer. 2,149,186; Feb. 28.
Table top construction. S. Madsen. 2,158,467; May 16.
Table top, Supplemented. A. Ruhl. 2,175,572; Oct. 10.
Table traversing mechanism. R. H. Cramer. 2,176,249; Oct. 17.
Table utility arrangement. J. Borio. 2,167,742; Aug. 1.
Table with drawer. J. C. Viehmann. 2,171,772; Sept. 5.
Tables, Fixture for extension leaf. L. Siev. 2,156,044; Apr. 25.
Tablet. B. S. Davis. 2,155,117; Apr. 18.
Tablet. B. Rapp and F. K. Russow. 2,163,629; June 27.
Tablet and suppository press. J. Langerman. 2,149,739; Mar. 7.
Tablet for typewriting machines. J. R. Morrison. 2,166,016; July 11.
Tablet for use in fabricating electrotypes. H. Libberton. 2,172,564; Sept. 12.
Tablet making machine. C. H. Whittemore. 2,166,192; July 18.
Tablet, Memorial. J. P. Sweeney. 2,148,660; Feb. 28.
Tablets, Apparatus for making. J. A. Raynolds, Jr. 2,157,570; May 9.
Tablets, lozenges, pellets, and the like, Dispensing device for. R. P. Warren and D. Peterkin, Jr. 2,176,232; Oct. 17.
Tableware, Frangible. R. Ratner. 2,178,274; Oct. 31.
Tabulating apparatus. T. A. Kirton. 2,143,735; Jan. 10.
Tabulating machine. J. W. Bryce. 2,156,969; May 2.
Tabulating machine. J. W. Bryce and G. F. Daly. 2,153,167; Apr. 4.
Tabulating machine. G. F. Daly and G. Lowkrantz. 2,150,208; Mar. 14.
Tabulating machine. G. Ghertman. 2,172,062; Sept. 5.
Tabulating machine. C. D. Lake and W. Pfaff. 2,150,227; Mar. 14.
Tabulating machine. H. T. Livingston. 2,159,094; May 23.
Tabulating machine. A. W. Mills. 2,165,288; July 11.
Tabulating machine. E. R. Myers. 2,165,408; July 11.
Tabulating machine. E. J. Rabenda. 2,161,589; June 6.
Tabulating machine. G. Tauschek. 2,182,006; Dec. 5.
Tabulator drive control. S. Alvine. 2,151,177; Mar. 21.
Tabulator, Graph printing. U. Kölm. 2,165,278; July 11.
Tachometer. J. E. Bevins. 2,159,125; May 23.
Tachometer, Chronometric. G. S. Andrews. 2,160,813; June 6.
Tack button. L. R. Carley. 2,170,234–5; Aug. 22.

Tack button. F. H. Peterson and R. R. Clarke. 2,170,091–2; Aug. 22.
Tack, Thumb. V. A. Pompilio. 2,178,024; Oct. 31.
Tackle connector. H. E. McLure. 2,150,074; Mar. 7.
Tackle, Fishing. R. F. Schmaltz. 2,185,065; Dec. 6.
Tackle for flat knitting machines. F. C. Good. 2,158,498; May 16.
Tackle for pipe flasks, Multiple ball hoist. R. A. Russell. 2,142,416; Jan. 3.
Tag. E. E. Allstatter. 2,153,227; Apr. 4.
Tag. C. A. Flood. 2,160,726; May 30.
Tag. C. A. Flood. 2,184,777; Dec. 26.
Tag and means thereon for attaching the same to garments. S. Weiss. 2,158,345; May 16.
Tag and means thereon for attaching the same to garments. S. Weiss. 2,169,600; Aug. 15.
Tag, Destructible license. T. J. Hobbs. 2,177,320; Oct. 24.
Tag fastener. B. Y. Jacobson. 2,159,026; May 23.
Tag fastener, Price. R. J. Shaa and J. R. Slavsky. 2,142,085; Jan. 3.
Tag fastening device. C. A. Flood. 2,152,349; Mar. 28.
Tag holder. N. F. Rearic. 2,153,273; Apr. 4.
Tag, Identification. J. A. Fogarty. 2,176,253; Oct. 17.
Tag, Key-retainer identification. H. V. Williams, Jr. 2,181,796; Nov. 28.
Tag-line device. W. Ruddock. 2,166,479; July 18.
Tag or marker for identifying an individual customer's laundry or the like. A. O. Long. 2,173,174; Sept. 19.
Tag, Price. W. A. Godsoe. 2,178,323; Oct. 31.
Tag, Sealed. M. Rubinoff. 2,178,810; Nov. 7.
Tag, Tamperproof ear. D. W. Ashton. 2,149,411; Mar. 7.
Tagging device. W. C. McDermott. 2,175,633; Oct. 10.
Tags and advertising plates, Supporting and illuminating license. S. Zomzely. 2,182,419; Dec. 5.
Tail straightener. R. D. Hulse. 2,167,889; Aug. 1.
Tailer. L. Wulff. 2,179,394; Nov. 7.
Tailgate mechanism for vehicles. N. M. Rush. 2,151,335; Mar. 21.
Take-down mechanism. R. F. Raven and H. A. Raynor. 2,174,948; Oct. 3.
Take-down structure, Portable. L. A. Dowd. 2,149,165; Feb. 28.
Take-off, Assisting. R. Chilton. 2,145,685; Jan. 31.
Take-off mechanism. O. D. McFarland and A. O. Mickelson. 2,148,379; Feb. 21.
Take-up. G. H. Griffin. 2,148,691; Feb. 28.
Take-up device. C. P. Waage. 2,174,609; Oct. 3.
Take-up device for antifriction bearings. C. T. Olson. 2,173,561; Sept. 19.
Take-up device for automobile wheel supporting structures. L. Broadman. 2,153,168; Apr. 4.
Take-up for electric iron cords. W. H. Johnston. 2,172,705; Sept. 12.
Take-up mechanism. R. E. Briggs. 2,149,723; Mar. 7.
Take-up mechanism, Quick. R. J. Olander. 2,143,164; Jan. 10.
Tamper, Cotton. L. E. Haynes. 2,171,090.
Tampering device, Earth. J. A. McDougall and R. E. McGary. 2,169,468; Aug. 15.
Tamping means. E. W. Austin. 2,159,347; May 23.
Tamping plug. A. L. Madill. 2,170,929; Aug. 29.
Tampon. M. E. Rabell. 2,146,985; Feb. 14.
Tampon. V. E. Robinson. 2,178,704; Nov. 7.
Tampon, Vaginal. R. T. Wells. 2,176,114; Oct. 17.
Tampons, Forming. J. L. Webb. 2,152,230; Mar. 28.

Tank: *See*—

Aerating tank.	Glass drawing tank.
Dispensing tank.	Liquid fuel tank.
Expansion tank.	Reinforced concrete tank.
Film processing tank.	Septic toilet tank.
Fluid tank.	Surge tank.
Flush tank.	Vehicle tank.
Fuel supply tank.	Vehicular tank.
Gas shipping tank.	Wash tank.
Gas tank.	

Tank. D. de la Cuesta. 2,152,246; Mar. 28.
Tank. W. W. Sayers and F. E. Miick. 2,149,313; Mar. 7.
Tank. W. L. Sutton. 2,144,945; Jan. 24.
Tank. E. A. Weiss. 2,180,185; Nov. 14.
Tank and apparatus for cooling seams thereof, Melting. H. H. Blau and K. K. Knaell. 2,174,458; Sept. 26.
Tank and closet bowl connection, Flush. G. P. Gavin. 2,167,354; July 25.
Tank and connection, Hot water. O. E. Andrus. 2,179,476; Nov. 14.
Tank and delivery body, Combination. F. C. Buchanan. 2,162,367; June 13.
Tank and insulating means therefor. R. F. Goecke. 2,185,026; Dec. 26.
Tank and the like, Mixing. J. W. Corr. 2,167,344; July 25.
Tank arrangement, Locomotive storage. R. G. Anderson. 2,175,010; Oct. 3.
Tank ball valve. S. M. Kass. 2,155,902; Apr. 25.
Tank bottoms, Treating petroleum. F. E. Holsten. 2,166,893; July 18.
Tank cap and vent valve. F. F. Rike and H. W. Webb. 2,159,178; May 23.
Tank closure. R. S. Fellows and E. O. Immel. 2,145,758; Jan. 31.
Tank closure structure, Dispensing. H. E. Brandt. 2,180,664; Nov. 21.
Tank construction. R. L. Kuss. 2,146,960; Feb. 14.
Tank construction. R. L. Kuss. 2,176,306; Oct. 17.
Tank construction, Cylindrical. R. C. Hansen. 2,145,442; Jan. 31.
Tank construction, Wood. G. Raymond and L. E. Young. 2,147,952; Feb. 21.
Tank control, Flush. M. P. Flaherty. 2,158,750; May 16.
Tank filler spout cap. J. M. Shoemaker. 2,179,136; Nov. 7.
Tank filling apparatus. R. R. West. 2,154,647; Apr. 18.
Tank filling device. T. S. Miller. 2,153,199; Apr. 4.
Tank filling device. C. H. Sheldon. 2,164,789; July 4.
Tank for combustible and inflammable materials, Storage. S. N. Hassan. 2,160,360; May 30.
Tank for hydraulic transmissions, Pressure loaded. D. Gossler. 2,161,158; June 6.
Tank for trucks, Spare fuel. M. C. Snyder. 2,181,772; Nov. 28.
Tank for vehicles, Demountable. B. F. Fitch. 2,166,134; July 18.
Tank gauge mechanism, Hydraulic. M. W. Carroll. 2,147,427; Feb. 14.
Tank gauging, Apparatus for. F. M. Hess. 2,178,116; Oct. 31.
Tank heads and closure members therefor, Making. G. E. Bullock. 2,157,978; May 9.
Tank lifter, Circuit breaker. C. Thumim. 2,175,041; Oct. 3.
Tank mounting for trucks, Fuel. F. A. Holby. 2,144,292; Jan. 17.
Tank reinforcing ring. A. O. Miller. 2,164,660; July 4.
Tank, Settling. W. W. Sayers, R. F. Bergmann, and H. F. Watson. Re. 21,109; June 6.
Tank siphon support. R. A. Shields. 2,174,354; Sept. 26.
Tank stabilizer for anesthetizing machines. E. J. Stevens and J. A. Heidbrink. 2,169,082; Aug. 8.
Tank structure, Transport. J. Bernstein. 2,168,615; Aug. 8.
Tank truck valve. R. D. Marx. 2,165,640; July 11.
Tank valve. L. W. Winship. 2,158,452; May 16.
Tank vehicle. F. M. Reid. 2,169,50; Aug. 15.
Tank with floating roof, Liquid storage. O. A. Bailey. Re. 21,135; July 4.
Tanks, Hollow column support therefor, and building the same. J. M. Workman. 2,153,492; Apr. 4.
Tanks, Manufacturing receiver. R. A. Sandberg. 2,160,680; May 30.
Tanks or furnaces, Skimming device for glass. T. F. Pearson. 2,169,429; Aug. 15.
Tannin extract, Purification of. C. R. Oberfell. 2,173,977; Sept. 26.
Tanning. M. E. Cupery and D. M. McQueen. 2,150,961; Mar. 21.
Tanning agents and producing same. F.-W. Guthke. 2,174,287; Sept. 26.
Tanning agents and producing them. F. W. Guthke. 2,179,038; Nov. 7.
Tanning agents, Manufacture of. G. Mauthe and H. Noerr. 2,184,622; Dec. 26.
Tanning agents, Preparing. R. Bauer. 2,148,893; Feb. 28.
Tanning agents, Production of new. E. Stiasny. 2,147,000; Feb. 14.
Tanning material. A. Russell and J. W. Copenhaver. 2,171,806; Sept. 5.
Tanning material and by-products derived therefrom, Preparing. L. R. B. Hervey. 2,178,874; Nov. 7.
Tanning substances, Manufacture of. R. Fingado and H. Hertlein. 2,161,288; June 6.
Tap. O. H. Yates. 2,161,497; June 6.
Tap, and method for use in making lock nuts. R. A. MacDonald. 2,179,157; Nov. 7.
Tap attaching device for containers. G. O. Conner. 2,170,010; Aug. 22.
Tap attaching device for containers, Making a. G. O. Conner. 2,170,011; Aug. 22.
Tap clamp. R. R. Pittman and C. H. Walsh. 2,151,524; Mar. 21.
Tap, Dancing. A. L. Sothen. 2,168,303; Aug. 1.
Tap holder. O. Kylin. 2,147,203; Feb. 14.
Tap, Jingling dancing. A. L. Sothen. 2,173,599; Sept. 19.
Tap knob. F. C. Fisher. 2,145,761; Jan. 31.
Tap lock expansion or cotter pin. A. Mattson. 2,182,299; Dec. 5.
Tap, reamer, and drill holder, Floating. E. F. Loughlin. 2,151,388; Mar. 21.
Tap, Receptacle. S. Adler. 2,184,263; Dec. 19.
Tap with anchor clamp, Trolley wire. V. A. Curry. 2,166,656; July 18.
Tap wrench. K. A. Kuhn. 2,160,664; May 30.
Tape, Adhesive coated. H. R. Dalton. 2,156,083; Apr. 25.
Tape advancing machine. A. D. Eitzen. 2,155,414; Apr. 25.
Tape and associating same with a welding wire, Flux carrying. H. C. Bereit. 2,164,104; June 27.
Tape and the like, Curtain heading. G. F. French. 2,159,734; May 23.
Tape applying machine. W. P. Osgood. 2,157,916; May 9.
Tape applying machine. A. R. Ridderstrom. 2,142,332; Jan. 3.
Tape-applying machine. A. R. Ridderstrom. 2,175,618; Oct. 10.

Tape attaching mechanism. Elastic. J. Galkin. 2,153,244; Apr. 4.
Tape, Concealed carpet tacking. T. W. Bernhardt. 2,166,578; July 18.
Tape control mechanism. F. E. Anderson. 2,150,410; Mar. 14.
Tape controlled apparatus. M. T. Goetz. 2,152,641; Apr. 4.
Tape, Curtain heading. G. F. French. 2,159,733; May 23.
Tape dispenser. A. Bennett. 2,184,091; Dec. 19.
Tape dispensing and moistening machine. L. W. Goldstein. 2,175,959; Oct. 10.
Tape dispensing device. C. E. Edwards. 2,147,738; Feb. 21.
Tape feed controlling mechanism. A. D. Eitzen. 2,153,552; Apr. 11.
Tape for separable fasteners, Stringer. D. Marinsky. 2,145,551; Jan. 31.
Tape forming and separating apparatus, Rubber. S. W. Alderfer. 2,154,371; Apr. 11.
Tape, Gummed. H. F. and J. V. Bauer and D. M. Hawley. 2,144,610; Jan. 24.
Tape, Gummed. F. W. Humphner. 2,143,600; Jan. 10.
Tape, Insulating. C. Mosier and J. L. Mohun, Jr. 2,150,238; Mar. 14.
Tape, labels, and the like, Applying gummed. H. F. and J. V. Bauer and D. M. Hawley. 2,167,629; Aug. 1.
Tape measure, Spring reel. W. J. Wolf. 2,172,043; Sept. 5.
Tape, Measuring. A. W. Keuffel and H. F. Schermerhorn. 2,171,504; Aug. 29.
Tape, Method of and apparatus for manufacturing wallboard joint. J. Page and C. R. Southwick. 2,180,433; Nov. 21.
Tape moistening device, Gummed. E. K. Krakaur. 2,177,727; Oct. 31.
Tape projection device. D. Franklin. 2,174,557; Oct. 3.
Tape pulling device. A. D. Eitzen. 2,145,251; Jan. 31.
Tape reel. N. S. A. Mattsson and K. E. Dahlqvist. 2,151,130; Mar. 21.
Tape serving machine. T. H. Krueger. 2,148,026; Feb. 21.
Tape serving machine. S. Price. 2,169,058; Aug. 8.
Tape smoothing machine. W. C. George. 2,167,356; July 25.
Tape, Snap fastener. P. A. Perry. 2,157,011; May 2.
Tape, Stringer. D. Marinsky. 2,170,419; Aug. 22.
Tape stripping, measuring, and severing device. B. De Mattia. 2,145,506; Jan. 31.
Tape stripping, measuring, and severing device. B. De Mattia. 2,178,722; Nov. 7.
Tape tie-up indicating means. J. N. Anderson and R. Steeneck. 2,142,880; Jan. 3.
Tape translator for card punching mechanism. W. F. Kelley. 2,160,152; May 30.
Tape with corded edges. J. R. Bux and A. L. Francis. 2,144,591; Jan. 17.
Taper forming machine. C. A. Bickel. 2,184,377; Dec. 26.
Tapes or the like, Thermo-adhesive. E. L. Kallander. 2,147,772; Feb. 21.
Tapes to continuous strips of fabric, Device and method for attaching continuous zipper and slide fastener. E. Freshman. 2,166,350; July 18.
Taping machine. F. H. Brite. 2,157,735; May 9.
Taping machine. W. C. George. 2,167,357; July 25.
Tappet. C. E. Johnson. 2,175,465; Oct. 10.
Tappet. A. Moorhouse. 2,153,097; Apr. 4.
Tappet, Horizontal hydraulic valve. C. E. Johnson. 2,175,466; Oct. 10.
Tappet, Hydraulic. C. E. Johnson. 2,145,484; Jan. 31.
Tappet, Hydraulic. C. E. Johnson. 2,175,467; Oct. 10.
Tappet, Self-locking adjustable. R. H. Daisley. 2,181,965; Dec. 5.
Tapping attachment. G. W. Emrick. 2,162,251; June 13.
Tapping machine. A. Grantham. 2,151,594; Mar. 21.
Tapping machine. J. H. Mansfield. 2,165,396; July 11.
Tar and sludge from water gas with the nonformation of tar emulsion, Removing liquid. C. H. Printz. 2,180,849; Nov. 21.
Tar, Distilling. E. T. Olson and R. Katzen. 2,156,158; Apr. 25.
Tar or bitumen to road surfaces, Applying. K. Dammann. 2,145,158; Jan. 24.
Tar spraying machine, Portable. W. E. Hadley. 2,151,100; Mar. 21.
Target. J. K. Crain and F. Kowalski, Jr. 2,148,438; Feb. 28.
Target. C. H. Morgan and A. O. Blumburg. 2,164,340; July 4.
Target. A. C. Murphy. 2,181,492; Nov. 28.
Target. A. A. Thompson. 2,160,425; May 30.
Target apparatus. W. A. Tretsch. 2,165,591; July 11.
Target, Bull's-eye. I. J. Hawkins. 2,148,749; Feb. 28.
Target, Bull's-eye. I. J. Hawkins. 2,152,803; Apr. 4.
Target device. F. Smardo. 2,153,162; Apr. 4.
Target, Disappearing. F. Bunnerlight. 2,152,026; Mar. 28.
Target, Flying. M. M. Evans. 2,148,063; Feb. 21.
Target for table tennis, Ball returning. H. P. Frost. 2,161,463; June 6.
Target, Photovoltaic. H. A. Iams. 2,175,691; Oct. 10.
Target, Pitcher's. H. P. Letarte. 2,162,438; June 13.
Target practising apparatus. F. C. McClellan. 2,181,948; Dec. 5.
Target range, Electric. R. D. French. 2,148,612; Feb. 28.
Target towing device. D. H. Campbell and H. H. England. 2,183,540; Dec. 19.
Target trap. S. H. Bingham, Jr. 2,158,739; May 16.
Tassel. F. Ronci. 2,172,989; Sept. 12.
Tassels, Making tally. J. G. Beaver. 2,171,737; Sept. 5.
Taurides. K. Kumetat and S. Gassner. 2,163,146; June 20.
Tea and coffee and product thereof, Mode of treating. C. G. Lehr. 2,169,957; Aug. 15.
Tea and coffee dispenser. H. J. Vernick. 2,173,988; Sept. 26.
Tea bag. G. R. Webber. 2,149,713; Mar. 7.
Tea bag, coffee bag, and the like and making the same. R. N. Doble. 2,165,840; July 11.
Tea free from or poor in caffeine and decaffeinized tea. T. Grethe. 2,181,549; Nov. 28.
Tea or coffee bag. R. K. Slocum. 2,146,096; Feb. 7.
Teat element for milking machines. B. V. Orre. 2,159,449; May 23.
Tee off apron. H. T. Hallberg. 2,165,479; July 11.
Teeing apparatus, Mechanical. J. F. Blaski. 2,152,680; Apr. 4.
Teeter board. H. A. Thompson. 2,144,434; Jan. 17.
Teeth and encasement therefor, Artificial. M. Kroop. 2,183,353; Dec. 12.
Teeth, gum sections, and the like, Retention means for artificial. R. W. Erdle. 2,179,502; Nov. 14.
Teeth, Making artificial. F. R. Felcher. 2,181,694; Nov. 28.
Teeth of rotary cutting tools, Locating the. J. M. Christman. 2,164,569; July 4.
Teeth, Selecting artificial. A. J. Bush. 2,169,719; Aug. 15.
Telecommunication system, Multiplex. W. G. H. Finch. 2,145,717; Jan. 31.
Telecontrol system. M. Bernard. 2,173,154; Sept. 19.
Telegraph apparatus. R. D. Salmon. 2,167,527; July 25.
Telegraph apparatus, Printing. H. L. Krum. 2,182,634; Dec. 5.
Telegraph apparatus, Printing. H. L. Krum and C. W. Swan. 2,180,360; Nov. 21.
Telegraph apparatus, Printing. H. L. Krum and C. W. Swan. 2,182,635; Dec. 5.
Telegraph apparatus, Printing. A. H. Reiber. 2,146,380; Feb. 7.
Telegraph apparatus, Printing. A. H. Reiber. 2,181,708; Nov. 28.
Telegraph apparatus, Printing. W. J. Zenner. 2,147,075; Feb. 14.
Telegraph apparatus, Printing. W. J. Zenner. 2,170,316; Aug. 22.
Telegraph exchange system. W. B. Blanton and R. B. White. 2,165,780; July 11.
Telegraph exchange system. F. S. Kinkead and F. J. Singer. 2,173,335; Sept. 19.
Telegraph key. C. A. Hart. 2,143,067; Jan. 10.
Telegraph line circuit. F. S. Kinkead. 2,151,772; Mar. 28.
Telegraph printer. K. Gundlfinger. 2,145,479; Jan. 31.
Telegraph printer and perforator, Combined. R. F. Dirkes and E. R. Wheeler. 2,174,731; Oct. 3.
Telegraph printer-reperforator. R. F. Dirkes and R. Wentworth. 2,143,828; Jan. 10.
Telegraph printing, recording, and like apparatus. F. Warburton. 2,148,002; Feb. 21.
Telegraph receiver, Facsimile printing. E. F. Kleinschmidt. 2,145,264; Jan. 31.
Telegraph repeater. W. W. Cramer and G. C. Cummings. 2,147,690; Feb. 21.
Telegraph repeater, Regenerative. A. D. Dowd. 2,154,608; Apr. 18.
Telegraph repeater, Regenerative. F. S. Kinkead. 2,154,623-4; Apr. 18.
Telegraph repeater, Single line. F. G. Hallden. 2,176,963; Oct. 24.
Telegraph selection system. A. S. Benjamin. 2,148,430; Feb. 28.
Telegraph signaling, and like selective system and apparatus. V. Sims. 2,167,532; July 25.
Telegraph signaling apparatus. A. M. Humby. 2,152,961; Apr. 4.
Telegraph signaling repeater. W. W. Cramer. 2,174,221; Sept. 26.
Telegraph signaling, System and method of code. F. L. Henderson. 2,161,294; June 6.
Telegraph system. J. N. Anderson and R. F. Dirkes. 2,172,920; Sept. 12.
Telegraph system. W. W. Cramer and K. E. Fitch. 2,143,000; Jan. 10.
Telegraph system. H. J. Cunningham, L. R. Douglass, J. A. Duncan, and C. R. Walker. 2,171,542; Sept. 5.
Telegraph system. F. E. d'Humy and L. W. Franklin. 2,154,441; Apr. 18.
Telegraph system. F. E. d'Humy and L. W. Franklin. 2,176,065; Oct. 17.
Telegraph system. R. Helmert. 2,167,509; July 25.
Telegraph system. R. Helmert. 2,184,836; Dec. 26.
Telegraph system. F. S. Kinkead. 2,146,824; Feb. 14.
Telegraph system. M. I. Pupin. 2,150,781; Mar. 14.

Telegraph system, Multichannel. P. Holcomb, Jr., and A. Boggs. 2,176,901; Oct. 24.
Telegraph system, Multiple channel. F. L. Henderson. 2,164,920; July 4.
Telegraph system, Open Morse telegraph key alarm circuit. F. H. Hanley. 2,160,206; May 30.
Telegraph system, Printing. J. B. Moore and R. E. Mathes. 2,183,147; Dec. 12.
Telegraph system, Printing. A. E. Thompson and R. D. Salmon. 2,182,101; Dec. 5.
Telegraph systems, Regenerative repeater for. G. L. Erickson and P. E. Teter. 2,179,690; Nov. 14.
Telegraph tape transmitter. H. Angel and J. W. Robinson. 2,172,269; Sept. 5.
Telegraph transmitter. R. D. Salmon. 2,167,528; July 25.
Telegraph transmitter. C. W. Winter, Jr. 2,170,884; Aug. 29.
Telegraph transmitter. W. J. Zenner. 2,173,147; Sept. 19.
Telegraph transmitter with case shift, Facsimile. E. E. Kleinschmidt. 2,176,740; Oct. 17.
Telegraph transmitting apparatus. L. W. Franklin. 2,147,249; Feb. 14.
Telegraphic exchange circuit. F. J. Singer. 2,147,720; Feb. 21.
Telegraphic transmitter. H. G. Martin, Jr. 2,148,028; Feb. 21.
Telegraphone, Magnetic. C. N. Hickman. 2,144,844; Jan. 24.
Telegraphy. H. Muth. 2,167,461; July 25.
Telegraphy, Carrier current. H. Nyquist. 2,184,978; Dec. 26.
Telegraphy, Picture. H. J. Round. 21,105; May 30.
Telegraphy, System and apparatus for facsimile. R. J. Wise. 2,158,391; May 16.
Telegraphy, System of. I. W. Conrad. 2,178,989; Nov. 7.
Tele-indicator device, Electric. N. E. Methlin. 2,148,954; Feb. 28.
Telemeter transmitter. R. G. Jewell. 2,184,347; Dec. 26.
Telemetering. A. Arnold. 2,168,149; Aug. 1.
Telemetering system. C. F. Wallace. 2,161,603; June 6.
Telemetering system, Multiplex. E. I. Green and W. H. Tidd. 2,165,892; July 11.
Telemetric apparatus for determining the tension on and angular direction of submarine cables during cable laying operations. C. S. Lawton. 2,142,135; Jan. 3.
Telemetric receiver indicating, Method of and apparatus for. G. T. Huxford.. 2,145,026; Jan. 24.
Telemetric system. C. J. Weible. 2,159,413; May 23.
Telemetric system for angle transmission. E. E. Libman and M. A. Edwards. 2,184,355; Dec. 26.
Telemetric system using electrical resistance. F. Postlethwaite. 2,163,518; June 20.
Telemotor, Electrohydraulic. F. S. Hodgman. 2,175,799; Oct. 10.
Telephone and telegraph exchange system. F. J. Singer. 2,170,038; Aug. 22.
Telephone apparatus. L. Neumann. 2,161,232; June 6.
Telephone attachment. R. L. Lemon. 2,182,496; Dec. 5.
Telephone attachment, Ear and mouth. J. Moses. 2,171,311; Aug. 29.
Telephone booth spacer. P. H. Sherron. 2,177,844; Oct. 31.
Telephone call fee indicator. G. Biniek. 2,147,233; Feb. 14.
Telephone coin-collecting apparatus. A. C. Link. 2,159,216; May 23.
Telephone conference circuit. J. A. Parrott. 2,154,579; Apr. 18.
Telephone coupling device. J. C. Barnes. 2,180,498; Nov. 21.
Telephone hand-set. W. A. Evans and W. W. Werring. 2,156,754; May 2.
Telephone-hand-set mounting. H. F. Obergfell. 2,152,494; Mar. 28.
Telephone installation. M. Hebel. 2,177,608; Oct. 24.
Telephone instrument. J. P. Hubbell. 2,183,744; Dec. 19.
Telephone instrument. H. C. Pye. 2,152,915–16; Apr. 4.
Telephone jack box for chair arms. C. A. Clarke and J. A. Malmuth. 2,157,527; May 9.
Telephone outlet, Pancake. C. E. Rutherford. 2,164,788; July 4.
Telephone pay station. H. Döhle and H. Langner. 2,168,864; Aug. 8.
Telephone pay station. H. Langner. 2,163,002; June 20.
Telephone pay station. G. A. and W. W. Long. 2,157,617; May 9.
Telephone ringing system. J. Campbell, Jr. 2,184,907. Dec. 26.
Telephone set. A. Montel and M. Rabine. 2,180,716; Nov. 21.
Telephone set. H. F. Obergfell. 2,163,006; June 20.
Telephone set for communication in airplanes. G. Klein. 2,182,727; Dec. 5.
Telephone set, Wall. N. A. Judsen and M. Rose. Des. Re. 20,999; Feb. 7.
Telephone station. E. H. Yaeger. 2,143,966; Jan. 17.
Telephone system. L. M. Allen. 2,144,866; Jan. 24.
Telephone system. G. E. Atkins. 2,144,867; Jan. 24.
Telephone system. K. Baloun. 2,176,321; Oct. 17.
Telephone system. H. M. Bascom. 2,153,129; Apr. 4.
Telephone system. H. M. Bascom. 2,164,731; July 4.
Telephone system. C. E. Beale and I. T. Richards. 2,147,235; Feb. 14.
Telephone system. L. J. Bowne. 2,173,675; Sept. 19.
Telephone system. R. M. Brazelton. 2,143,971; Jan. 17.
Telephone system. R. E. Collis and J. B. Newsom. 2,161,456; June 6.
Telephone system. T. F. Crocker. 2,157,848; May 9.
Telephone system. T. F. Crocker. 2,167,710; Aug. 1.
Telephone system. F. Etzel. 2,183,832; Dec. 19.
Telephone system. E. S. Gibson. 2,145,079; Jan. 24.
Telephone system. M. C. Goddard. 2,170,403; Aug. 22.
Telephone system. C. L. Goodrum. 2,165,924; July 11.
Telephone system. O. D. Grandstaff. 2,159,081; May 23.
Telephone system. C. W. Halligan. 2,164,033; June 27.
Telephone system. R. V. L. Hartley. 2,164,325; July 4.
Telephone system. B. A. Hensler. 2,153,306; Apr. 4.
Telephone system. B. A. Hensler and H. E. Humphries. 2,176,340; Oct. 17.
Telephone system. R. E. Hersey. 2,161,864; June 13.
Telephone system. R. Hornickel. 2,183,838; Dec. 19.
Telephone system. H. Hovland. 2,151,767; Mar. 28.
Telephone system. H. Hovland. 2,165,855; July 11.
Telephone system. H. E. Humphries and B. A. Hensler. 2,170,899; Aug. 29.
Telephone system. J. Jedrychowski. 2,152,889; Apr. 4.
Telephone system. A. R. Kahl. 2,172,874; Sept. 12.
Telephone system. F. Kessler. 2,177,069; Oct. 24.
Telephone system. U. Kesten. 2,170,903; Aug. 29.
Telephone system. C. D. Koechling. 2,162,892; June 20.
Telephone system. B. Kudrna. 2,179,723; Nov. 14.
Telephone system. M. Langer, E. Wochinger, and J. Kuchley. 2,153,323; Apr. 4.
Telephone system. H. A. Lewis. 2,181,191; Nov. 28.
Telephone system. F. Lubberger. 2,172,875; Sept. 12.
Telephone system. H. P. Mahoney and J. Wicke. 2,171,661; Sept. 5.
Telephone system. R. C. Mathes. 2,164,335; July 4.
Telephone system. D. L. Moody, N. D. Newby, and F. F. Shipley. 2,161,376; June 6.
Telephone system. N. D. Newby. 2,152,769; Apr. 4.
Telephone system. J. B. Newsom. 2,184,844; Dec. 26.
Telephone system. O. A. Pearce. 2,180,963; Nov. 21.
Telephone system. E. S. Peterson. 2,142,653; Jan. 3.
Telephone system. E. S. Peterson. 2,145,094; Jan. 24.
Telephone system. E. S. Peterson. 2,145,127; Jan. 24.
Telephone system. E. S. Peterson. 2,158,945; May 16.
Telephone system. E. S. Peterson. 2,168,880–1; Aug. 8.
Telephone system. W. Pfaff. 2,167,725; Aug. 1.
Telephone system. F. Pfleiderer. 2,145,095; Jan. 24.
Telephone system. W. Pinell. 2,159,101; May 23.
Telephone system. I. T. Richards. 2,183,030; Dec. 12.
Telephone system. M. Rosin. 2,170,429; Aug. 22.
Telephone system. E. S. Ruth. 2,170,391; Aug. 22.
Telephone system. N. H. Saunders. 2,142,658; Jan. 3.
Telephone system. N. H. Saunders. 2,165,579; July 11.
Telephone system. W. Saville and A. H. Williams. 2,154,776; Apr. 18.
Telephone system. F. Simon. 2,183,848; Dec. 19.
Telephoto system. F. J. Somers. 2,174,490; Sept. 26.
Telephone system. R. Taylor. 2,154,786; Apr. 18.
Telephone system. R. Taylor and G. T. Baker. 2,142,661; Jan. 3.
Telephone system. R. Taylor and G. T. Baker. 2,166,329; July 18.
Telephone system. R. Taylor and G. T. Baker. 2,169,302; Aug. 15.
Telephone system. R. Taylor and G. T. Baker. 2,172,947; Sept. 12.
Telephone system. J. F. Toomey. 2,173,924; Sept. 26.
Telephone system. H. Töpfer. 2,142,663; Jan. 3.
Telephone system. R. Trechcinski. 2,148,915; Feb. 28.
Telephone system. W. H. Waite. 2,179,652; Nov. 14.
Telephone system. J. Wicks. 2,143,589; Jan. 10.
Telephone system. J. Wicks. 2,155,176; Apr. 18.
Telehone system. E. Wochinger. 2,142,664; Jan. 3.
Telephone system. E. P. G. Wright. 2,173,319; Sept. 19.
Telephone system, Automatic. E. Jauch and E. Wochinger. 2,183,839; Dec. 19.
Telephone system, Automatic. F. L. Kahn. 2,183,649; Dec. 19.
Telephone system, Automatic. H. J. Lurk. 2,182,482; Dec. 5.
Telephone system, Automatic. J. E. Ostline. 2,183,656; Dec. 19.
Telephone system, Automatic. E. S. Peterson and N. H. Saunders. 2,142,652; Jan. 3.
Telephone system, Automatic. R. Pfannschmidt. 2,153,313; Apr. 4.
Telephone system, Automatic. N. H. Saunders. 2,177,079; Oct. 24.
Telephone system, Automatic. H. Töpfer and H. J. Lurk. 2,153,319; Apr. 4.
Telephone system, Automatic. J. H. Voss. 2,149,646; Mar. 7.
Telephone system, Carrier wave. J. J. A. Peek and T. S. Skillman. 2,181,457; Nov. 28.
Telephone system having two-party lines. H. V. Alexandersson and O. G. R. Siewert. 2,167,288; July 25.
Telephone system, Party-line. B. Kudrna. 2,176,349; Oct. 17.
Telephone system, Secrecy intercommunicating. W. H. Waite. 2,181,715; Nov. 28.
Telephone system with two-party lines. H. V. Alexandersson and E. W. Hullegård. 2,164,691; July 4.
Telephone transmitter. E. G. Danielson. 2,159,628; May 23.
Telephone transmitter. H. C. Pye. 2,149,628; Mar. 7.

Telephone transmitter. A. C. Reid. 2,179,102; Nov. 7.
Telephone transmitter device. S. Brumberger. 2,176,293; Oct. 17.
Telephonic communications, Reproducing. R. Milde. 2,156,094; Apr. 25.
Telephonic unit. H. R. Warnke. 2,143,097; Jan. 10.
Telephonograph. H. Hipple. 2,171,366; Aug. 29.
Telephony, Secret. P. Kotowski and K. Dannehl. 2,158,662; May 16.
Telephoto apparatus. A. G. Cooley. 2,145,072; Jan. 24.
Telephotographic objective. W. Merté. 2,171,274; Aug. 29.
Telepicture recording system. W. G. H. Finch. 2,152,348; Mar. 28.
Telepicture scanning system. W. G. H. Finch. 2,149,136; Feb. 28.
Telepicture synchronous driving system. W. G. H. Finch. 2,178,394; Oct. 31.
Telescope. H. F. Mossberg. 2,150,629; Mar. 14.
Telescope. A. Langsner. 2,184,352; Dec. 26.
Telescope. R. Stagl. 2,165,158; July 4.
Telescope comprising two refracting and one reflecting systems. H. Wild. 2,166,102; July 18.
Telescope mount for firearms, Adjustable. F. L. Humeston. 2,161,051; June 6.
Telescope objective. A. König. 2,158,507; May 16.
Telescope observation instrument. J. M. Strang. 2,171,360; Aug. 29.
Telescope or the like. O. E. Trautmann. 2,155,569; Apr. 25.
Telescope, Universal panoramic. A. Baroni. 2,152,726; Apr. 4.
Telescopic sleeve for cameras. W. W. Headlee. 2,143,125; Jan. 10.
Telescopic taper attachment. C. A. Bickel and K. H. Wills. 2,176,700; Oct. 17.
Teletype apparatus. J. W. Adams and R. L. Cornwell. 2,155,882; Apr. 25.
Teletypewriter. C. R. Doty. 2,168,441; Aug. 8.
Teletypewriter. C. J. Fitch and K. R. Schneider. 2,161,564; June 6.
Teletypewriter. C. J. Fitch and K. R. Schneider. 2,165,247; July 11.
Teletypewriter apparatus. F. S. Kinkead. 2,173,170; Sept. 19.
Teletypewriter station. T. L. Corwin and J. L. Hysko. 2,163,668; June 27.
Teletypewriter system. C. R. Walker. 2,154,547; Apr. 18.
Teletypewriter trunking system. K. E. Fitch. 2,158,113; May 16.
Television. F. C. P. Henroteau. 2,146,822; Feb. 14.
Television and like receiver. H. M. Dowsett and R. Cadzow. 2,166,399; July 18.
Television and like receiver. A. A. Linsell. 2,180,944; Nov. 21.
Television and like system. M. Bowman-Manifold and W. S. Percival. 2,181,572; Nov. 28.
Television and like system. G. W. Walton. 2,182,043; Dec. 5.
Television and like transmitting system. A. D. Blumlein and E. A. Nind. 2,182,839; Dec. 12.
Television and sound receiver. G. Paffrath. 2,169,883; Aug. 15.
Television and the like system. C. O. Browne. 2,152,464; Mar. 28.
Television and the like system. C. O. Browne and J. Hardwick. 2,176,663; Oct. 17.
Television and the like system. J. H. Jeffree. 2,161,299; June 6.
Television and the like system employing cathode ray tubes. A. D. Blumlein. 2,165,028; July 4.
Television and the like transmission system. W. S. Percival and C. O. Browne. 2,147,266; Feb. 14.
Television apparatus. A. V. Bedford. 2,173,467; Sept. 19.
Television apparatus. R. L. Campbell. 2,178,736; Nov. 7.
Television apparatus. S. L. Clothier and H. C. Hogencamp. 2,163,538; June 20.
Television apparatus. P. Deserno and M. Messner. 2,164,906; July 4.
Television apparatus. H. Harris. 2,160,434; May 30.
Television apparatus. R. S. Holmes. 2,165,794; July 11.
Television apparatus. P. P. Holzer. 2,172,845; Sept. 12.
Television apparatus. R. D. Kell. 2,166,688; July 18.
Television apparatus. E. C. Meyer. 2,147,452; Feb. 14.
Television apparatus. W. J. Poch. 2,151,149; Mar. 21.
Television apparatus. W. J. Poch. 2,151,526; Mar. 21.
Television apparatus. K. Tihanyi. 2,158,259; May 16.
Television apparatus. W. A. Tolson. 2,178,766; Nov. 7.
Television apparatus. E. Traub. 2,149,198; Feb. 28.
Television apparatus. A. W. Vance and H. Branson. 2,147,760; Feb. 21.
Television apparatus and method. L. A. Gould. 2,176,856; Oct. 17.
Television arrangement. M. Messner. 2,161,305; June 6.
Television communication, Method and system for. A. B. Du Mont. 2,157,749; May 9.
Television communication, Method and system for. T. T. Goldsmith, Jr. 2,164,176; June 27.
Television control system. A. N. Goldsmith. 2,172,936; Sept. 12.
Television images, Recording. R. Möller. 2,160,888; June 6
Television method. P. T. Farnsworth. 2,168,768; Aug. 8.
Television method. W. Scheppmann. 2,151,942; Mar. 28.
Television method and apparatus. S. L. Clothier and H. C. Hogencamp. 2,163,537; June 20.
Television receiver. R. Barthelemy. 2,143,933; Jan. 17.
Television receiver. R. Barthelemy. 2,181,720; Nov. 28.
Television receiver. G. L. Grundmann and H. C. Allen. 2,157,170; May 9.
Television receiver. H. M. Lewis. 2,173,173; Sept. 19.
Television receiver. K. Schlesinger. 2,173,495; Sept. 19.
Television receiver circuit. K. Schlesinger. 2,163,216–17; June 20.
Television receiver operating level control. R. Urtel, R. Andrieu, and M. Geiger. 2,158,261; May 16.
Television receiving apparatus. M. Cawein. 2,169,831; Aug. 15.
Television receiving apparatus. J. E. Mead and H. G. M. Spratt. 2,164,537; July 4.
Television receiving apparatus. P. M. G. Toulon. 2,179,205; Nov. 7.
Television receiving apparatus. R. Urtel. 2,182,326; Dec. 5.
Television receiving set. P. M. G. Toulon. 2,165,078; July 4.
Television receiving system. L. E. Q. Walker and W. E. Benham. 2,173,347; Sept. 19.
Television reception, Apparatus and method for. S. L. Clothier and H. C. Hogencamp. 2,163,546; June 20.
Television scanner. F. Schröter. 2,153,646; Apr. 11.
Television scanning apparatus. F. Schroter. 2,176,190; Oct. 17.
Television scanning disk. K. H. Graefe. 2,173,478; Sept. 19.
Television scanning means, Self-synchronization of. K. Schlesinger. 2,173,502; Sept. 19.
Television scanning, Method of and apparatus for. S. L. Clothier and H. C. Hogencamp. 2,163,540; June 20.
Television scanning system. S. L. Clothier and H. C. Hogencamp. 2,163,547; June 20.
Television scanning system. G. W. Walton. 2,157,468; May 9.
Television scanning, System for. S. L. Clothier and H. C. Hogencamp. 2,163,548; June 20.
Television screen. F. Schröter, M. Knoll and B. Bartels. 2,146,994; Feb. 14.
Television signal reproducing tube. P. J. Herbst. 2,169,838; Aug. 15.
Television signal system. A. F. Murray. 2,181,064; Nov. 21.
Television system. R. C. Ballard. 2,152,234; Mar. 28.
Television system. A. V. Bedford. 2,145,332; Jan. 31.
Television system. A. V. Bedford. 2,164,297; June 27.
Television system. A. V. Bedford. 2,166,712; July 18.
Television system. A. V. Bedford. 2,178,218; Oct. 31.
Television system. H. M. Dowsett and L. E. Q. Walker. 2,146,804; Feb. 14.
Television system. P. C. Goldmark. 2,173,476; Sept. 19.
Television system. A. N. Goldsmith. 2,168,566; Aug. 8.
Television system. R. S. Holmes. 2,178,234; Oct. 31.
Television system. H. A. Iams. 2,177,366; Oct. 24.
Television system. R. D. Kell. 2,166,214; July 18.
Television system. R. D. Kell. 2,178,758; Nov. 7.
Television system. L. W. Kolozsy. 2,144,379; Jan. 17.
Television system. I. L. Maguire. 2,166,313; July 18.
Television system. H. J. Murray. 2,169,071; Aug. 8.
Television system. E. D. Phinney. 2,146,512; Feb. 7.
Television system. F. von Okolicsanyi. 2,158,990; May 16.
Television system. V. K. Zworykin. 2,157,048; May 2.
Television system. V. K. Zworykin and G. N. Ogloblinsky. 2,178,093; Oct. 31.
Television system and apparatus. W. Soller. 2,177,676; Oct. 31.
Television system, Multichannel. H. E. Ives. 2,177,256; Oct. 24.
Television system, Radial scanning. L. de Forest. 2,163,749; June 27.
Television transmission, Apparatus and method for. S. L. Clothier and H. C. Hogencamp. 2,163,545; June 20.
Television transmission arrangement. K. Schlesinger. 2,163,216; June 20.
Television transmission system. E. L. C. White. 2,143,398; Jan. 10.
Television transmitter. A. V. Bedford. 2,151,072; Mar. 21.
Television transmitter. G. L. Beers. 2,165,778; July 11.
Television transmitter. H. M. Dowsett and L. E. Q. Walker. 2,145,295; Jan. 31.
Television transmitter. K. Schlesinger. 2,147,557; Feb. 14.
Television transmitter. K. Schlesinger. 2,163,215; June 20.
Television transmitter. K. Schlesinger. 2,173,496; Sept. 19.
Television transmitting and receiving apparatus. O. von Bronk. 2,149,001; Feb. 28.
Television transmitting and the like system. W. F. Tedham. 2,153,163; Apr. 4.
Television transmitting apparatus. H. A. Iams. 2,156,392; May 2.
Television transmitting apparatus. J. D. McGee and G. S. P. Freeman. 2,149,455; Mar. 7.
Television transmitting apparatus. H. Miller. 2,177,736; Oct. 31.

Television, Transmitting synchronizing pulses in. P. T. Farnsworth. 2,155,479; Apr. 25.
Television transmitting system. A. D. Blumlein and J. D. McGee. 2,182,578; Dec. 5.
Television transmitting tube. W. Hickok. 2,156,391; May 2.
Television transmitting tube. H. A. Iams. 2,175,692; Oct. 10.
Television transmitting tube. G. A. Morton. 2,149,977; Mar. 7.
Television transmitting tube. G. A. Morton and A. W. Vance. 2,180,946; Nov. 21.
Television tube. K. Schlesinger. 2,170,251; Aug. 22.
Temperature, Apparatus for measuring. H. G. Mead. 2,151,928; Mar. 28.
Temperature change compensation apparatus. H. R. Adams. 2,166,935; July 25.
Temperature compensated high-Q lines or circuits. F. A. Kolster. 2,173,908; Sept. 26.
Temperature compensated indicating instrument. H. Loen. 2,178,799; Nov. 7.
Temperature compensation device. H. Romander. 2,170,664; Aug. 22.
Temperature compensating means for a measuring instrument. W. G. Boettinger. 2,165,744; July 11.
Temperature compensation for gas meters. G. M. Deming. 2,183,710; Dec. 19.
Temperature compensator. C. A. de Giers. 2,168,397; Aug. 8.
Temperature compensator for brake adjusters. G. L. Smith. 2,147,996; Feb. 21.
Temperature compensator for meter driven registers. C. S. Hazard. 2,156,812; May 2.
Temperature control. G. M. Peltz. 2,149,542; Mar. 7.
Temperature control. G. M. Peltz. 2,162,116; June 13.
Temperature control. O. Scharpf. 2,149,792; Mar. 7.
Temperature control. K. Schwebs. 2,159,406; May 23.
Temperature control apparatus. H. Heller. 2,185,104; Dec. 26.
Temperature control, Automatic. J. L. Finch. 2,149,729; Mar. 7.
Temperature control device. J. R. Campbell. 2,158,850; May 16.
Temperature control device. E. D. Coleman. 2,144,105; Jan. 17.
Temperature control device. J. Eaton. 2,179,285; Nov. 7.
Temperature control device. W. J. Ettinger. 2,184,339; Dec. 26.
Temperature control device. J. L. Finch. 2,151,319; Mar. 21.
Temperature control device. H. E. Goldstine. 2,180,706; Nov. 21.
Temperature control device. C. I. Hall and C. M. Hathaway. 2,158,857; May 16.
Temperature control device. T. A. Rich. 2,162,589; June 13.
Temperature control device. L. L. Young. 2,179,838; Nov. 14.
Temperature control for refrigerators. J. H. Marantette. 2,142,569; Jan. 3.
Temperature control for water heaters. H. J. Long. 2,156,458; May 2.
Temperature control in refrigerating or cooling apparatus. J. F. B. Vidal. 2,172,916; Sept. 12.
Temperature control system. H. R. Crago. 2,155,255; Apr. 18.
Temperature control system. F. A. Faust. 2,170,402; Aug. 22.
Temperature control system. A. C. Grant. 2,181,427; Nov. 28.
Temperature control system. C. V. Krichton. 2,171,878; Sept. 5.
Temperature control system. W. L. McGrath. 2,181,061; Nov. 21.
Temperature control system. C. W. Nessell. 2,143,569; Jan. 10.
Temperature control system. P. B. Parks and D. W. Miller. 2,171,803; Sept. 5.
Temperature control system. P. F. Shivers. 2,155,984; Apr. 25.
Temperature control system. C. B. Spangenberg. 2,184,703; Dec. 26.
Temperature control system for motor vehicles, Body and engine. J. C. Deitz. 2,177,870; Oct. 31.
Temperature controlling and ventilating system. P. B. Parks and W. M. Smith. 2,182,449; Dec. 5.
Temperature-controlling means for rubber mill pans or the like. F. H. Banbury. 2,170,396; Aug. 22.
Temperature controlling means, Thermostatic. R. Amsler. 2,172,527; Sept. 12.
Temperature in exothermic reactions, Controlling. J. E. Westenberg. 2,154,795; Apr. 18.
Temperature indicating device for washing machines. D. A. Lundy. 2,156,763; May 2.
Temperature indicating mechanism. C. W. Mayher. 2,161,879; June 13.
Temperature indicator. G. E. Ford. 2,147,021; Feb. 14.
Temperature indicator. W. W. Parker. 2,142,677; Jan. 3.
Temperature measuring device. A. L. Baker. 2,151,648; Mar. 21.
Temperature measuring device. J. Miller. 2,177,837; Oct. 31.
Temperature measuring device for pickling tanks, Protective. H. C. Morrow. 2,148,706; Feb. 28.
Temperature, Method and apparatus for control of. M. R. Doolittle. 2,166,242; July 18.
Temperature modulating system. P. B. Parks and W. M. Smith. 2,166,263; July 18.
Temperature of exothermic reaction chambers, Apparatus for controlling the. A. A. Aicher. 2,148,670; Feb. 28.
Temperature reaction products, High. H. A. Winkelmann, E. W. Moffett, and W. C. Calvert. 2,164,367; July 4.
Temperature regulating device, Automatic. T. A. Baker. 2,147,513; Feb. 14.
Temperature regulating means for metallurgical furnaces. R. H. Cantrell and L. Rumford, 2d. 2,163,510; June 20.
Temperature regulating system. H. R. Crago. 2,155,256; Apr. 18.
Temperature regulating system. W. J. King. 2,160,592; May 30.
Temperature regulating system, Automatic. C. E. Armstrong. 2,153,859; Apr. 11.
Temperature regulation. C. H. Kuhlman. 2,158,628; May 16.
Temperature regulation of chemical reactions. R. C. Lassiat. 2,150,930; Mar. 21.
Temperature regulator. J. E. Dube. 2,165,355; July 11.
Temperature regulator. J. V. Giesler. 2,142,442; Jan. 3.
Temperature regulator. J. V. Giesler and J. E. Dube. 2,165,136; July 4.
Temperature regulator. W. B. Mackintosh. 2,173,059; Sept. 12.
Temperature regulator, Automatic. I. V. Brumbaugh. 2,154,030; Apr. 11.
Temperature responsive control mechanism. J. E. Brosseau. 2,179,811; Nov. 14.
Temperature-responsive control system. F. M. Cowan and F. C. Evans. 2,155,344; Apr. 18.
Temperature responsive resistor. R. W. Smith. 2,181,981; Dec. 5.
Temperatures, Apparatus for the reproduction, regulation, and control of. W. E. Stone. 2,184,859; Dec. 26.
Template. J. G. Dickson. 2,163,938; June 27.
Template. R. C. Grace. 2,165,369; July 11.
Template means, Adjustable. N. K. Gottwald. 2,155,705; Apr. 25.
Templet and operating means therefor for the manufacture of cuffs. J. I. McDonald. 2,142,476; Jan. 3.
Tender, Locomotive. F. Hogg. 2,163,426; June 20.
Tender, Locomotive. F. Hogg. 2,163,447; June 20.
Tender, Locomotive. N. M. Lower and C. J. Surdy. 2,176,591; Oct. 17.
Tender, Locomotive. C. J. Surdy. 2,176,596; Oct. 17.
Tennis playing machine. J. J. Fazioli. 2,155,480; Apr. 25.
Tennis rackets, Apparatus for stringing. E. H. Serrano. 2,154,870; Apr. 18.
Tennis scoring device. R. H. Paul. 2,168,743; Aug. 8.
Tenon cutter. A. W. Morris. 2,167,082; July 25.
Tens transmitting device. K. M. Vigborg. 2,178,272; Oct. 31.
Tens transmitting device for calculating machines and the like. T. O. R. Dahlberg. 2,153,299; Apr. 4.
Tension adjusting device. C. S. Andersen. 2,153,705; Apr. 11.
Tension apparatus for reversible mills. E. B. Hudson. 2,167,549; July 25.
Tension control apparatus. W. E. White. 2,146,869; Feb. 14.
Tension control device or the like. H. E. Giroz. 2,164,912; July 4.
Tension control for strip mills. A. D. McCreary. 2,168,777; Aug. 8.
Tension control system. W. G. Cook. 2,162,527; June 13.
Tension controlling device. J. P. Madden. 2,143,200; Jan. 10.
Tension device for winding and like machines. G. N. Taylor and J. M. Ewart. 2,160,763; May 30.
Tension distributing machine, Measured stretch. C. H. Johanson. 2,147,039; Feb. 14.
Tension jar mechanism, Rotary adjustable. S. J. Kennedy and J. R. Pierson. 2,166,299; July 18.
Tension mechanism for winding machines. V. H. Meyer. 2,164,336; July 4.
Tension roller device and combination. F. A. Wool. 2,169,510; Aug. 15.
Tension stresses, Apparatus for measuring. L. Scusa. 2,182,267; Dec. 5.
Tensioning device. G. A. Hinricher. 2,163,039; June 20.
Tensioning device. W. E. Hockert. 2,142,608; Jan. 3.
Tensioning device for drafting machines. T. Harris. 2,153,118; Apr. 4.
Tensioning device for vehicle window regulators. S. W. Nicholson. 2,162,111; June 13.
Tensioning means for running jigsaws. W. F. Ocenasek. 2,165,002; July 4.
Tensioning tool. H. C. Porter. 2,156,062; Apr. 25.
Tent. W. L. Mellor. 2,168,428; Aug. 8.
Tent. A. W. Middleton. 2,168,913; Aug. 8.
Tent and support therefor, Hammock. E. Charlop and N. G. Horwitt. 2,153,547; Apr. 11.
Tent, Chapel. T. I. Curtis. 2,182,283; Dec. 5.
Tent, Chapel. M. E. Gottlieb. 2,151,908; Mar. 28.
Tent, Collapsible. J. Q. Adams. 2,144,747; Jan. 24.

Tent, Foldable. E. Sankey. 2,167,219; July 25.
Tent frame construction. F. P. Cleary. 2,142,496; Jan. 3.
Tent, Hatch. V. J. Spelman. 2,163,072; June 20.
Tent pole. M. K. Mahaffey. 2,148,949; Feb. 28.
Tent, Treatment. G. H. Budd. 2,165,449; July 11.
Tenter clip. H. A. MacKnight. 2,178,892; Nov. 7.
Tenter machine. J. H. Williams, Jr. 2,147,115; Feb. 14.
Tenter machine. J. H. Williams, Jr. 2,157,644; May 9.
Terminal. D. Hoppenstand. 2,147,255; Feb. 14.
Terminal. M. F. Whitney. 2,145,744; Jan. 31.
Terminal and contact member for an electric switch, Combination. R. Popp. 2,169,593; Aug. 15.
Terminal clamp. J. B. Winchester. 2,152,832; Apr. 4.
Terminal clip. K. R. Brooks and J. W. Ealy. 2,178,063; Oct. 31.
Terminal connector. F. G. Gardner. 2,149,137; Feb. 28.
Terminal connector, Double. M. W. Morris. 2,147,915; Feb. 21.
Terminal, Electric. J. E. Carlson. 2,161,246; June 6.
Terminal for electrical conductors. J. M. White. 2,165,323; July 11.
Terminal for electrical conductors. J. M. White. 2,175,583; Oct. 10.
Terminal for electrical devices. F. Martindell. 2,150,388; Mar. 14.
Terminal for rectifier plates, Contact. C. C. Hein. 2,172,200; Sept. 5.
Terminal, High potential. H. M. Hobart. 2,160,660; May 30.
Terminal installations, Device for making hollow strand. E. O. Wahlstrom. 2,146,923; Feb. 14.
Terminal mounting. L. W. Haig. 2,152,379; Mar. 28.
Terminal prong, Electrical. A. M. Draving. 2,163,779; June 27.
Terminal prong, Electrical. A. M. Draving. 2,164,766; July 4.
Terminal structure. C. C. Abbott. 2,177,508–9; Oct. 24.
Terminals, Method and apparatus for sizing tubular. E. M. Cartwright. 2,174,967; Oct. 3.
Terminals of pipe fittings, Sizing the. E. M. Cartwright. 2,181,577; Nov. 28.
Termination for dielectric guides. A. P. King and A. E. Bowen. 2,151,118; Mar. 21.
Terpene products and their production, Sulphonated. A. L. Rummelsburg. 2,148,087; Feb. 21.
Terpineol from pinene, Production of. D. H. Sheffield. 2,178,349; Oct. 31.
Terrace channel checking device. J. T. McAlister. 2,149,783; Mar. 7.
Terracing implement. E. W. Collins. 2,143,543; Jan. 10.
Terrazzo construction. T. V. Galassi. 2,179,289; Nov. 7.
Terrestrial globe mounting. A. L. Peterson. 2,171,509; Aug. 29.
Test container, Certified specification. R. L. Morris. 2,173,761; Sept. 19.
Test drill. F. C. Sturges. 2,165,685; July 11.
Test equipment. H. C. Robinson. 2,142,655; Jan. 3.
Test light. O. Cooksey. 2,164,106; June 27.
Test terminal. S. C. Childers. 2,145,041; Jan. 24.
Tester, Casing. F. F. Waltermire. 2,164,195; June 27.
Tester, Formation. E. P. Halliburton. 2,169,559; Aug. 15.
Tester, Formation. C. Iden. 2,171,000; Aug. 29.
Tester, Headlight intensity. G. M. Graham. 2,149,285; Mar. 7.
Tester, Open hole formation. H. Whitaker. 2,182,888; Dec. 12.
Tester, Synchronizing. B. L. Smith. 2,145,321; Jan. 31.
Testing and weighing device. S. F. Mashbir and M. A. Weckerly. 2,176,864; Oct. 17.
Testing apparatus. A. D. Adair. 2,182,368; Dec. 5.
Testing apparatus. S. M. Lloyd. 2,158,630; May 16.
Testing apparatus. K. L. Scott. 2,146,857; Feb. 14.
Testing apparatus applicable mainly to parts of aircraft. J. Bugatti. 2,151,584; Mar. 21.
Testing apparatus, Electric board. L. E. Huskey. 2,167,209; July 25.
Testing device. G. C. Fairbairn. 2,150,545; Mar. 14.
Testing device. C. C. Farmer. 2,177,520; Oct. 24.
Testing device. L. Greely, Sr. 2,168,983; Aug. 8.
Testing device. R. E. Gruenke. 2,162,429; June 13.
Testing device. J. H. Miller. 2,179,048; Nov. 7.
Testing device. C. H. Nordell. 2,180,847; Nov. 21.
Testing instrument for vehicles. W. Höhndorf. 2,165,894; July 11.
Testing machine. J. P. Sanner. 2,176,722; Oct. 17.
Testing machine for shock absorbers and the like. L. E. Willard. 2,167,429; July 25.
Testing method and apparatus. A. V. de Forest and F. B. Doane. 2,158,409; May 16.
Testing plant for internal combustion engines. W. Brintzinger. 2,158,894; May 16.
Testing the contents of the stomach and other body cavities, Method and apparatus for. H. George, III. 2,168,867; Aug. 8.
Testing tool. R. Svadlenak. 2,152,980; Apr. 4.
Tetra alkali-metal pyrophosphate and chlorine, Manufacture of. F. C. Jelen. 2,167,757; Aug. 1.
Tetrachlorethylene, Producing. G. Basel and E. Schaeffer. 2,178,622; Nov. 7.
Tetrahydrofurfurylaminonaphthalene compounds and their preparation. J. G. McNally and J. B. Dickey. 2,161,745; June 6.
Tetralin derivative, Preparing a new. Y. Asahina. 2,151,370; Mar. 21.
Tetrazylazide and the salts thereof, Production of. W. Friederich and K. Flick. 2,179,783; Nov. 14.
Textile agents, Manufacturing. M. D. Rozenbroek. 2,173,638; Sept. 19.
Textile and other materials and their production. H. Dreyfus. 2,159,013; May 23.
Textile and other materials, Coloration of. H. Dreyfus and R. W. Moncrieff. 2,182,963–4; Dec. 12.
Textile and other materials, Dyeing of. R. W. Moncrieff and A. W. M. Cooke. 2,173,178; Sept. 19.
Textile and other materials, Treatment of. H. Dreyfus, R. W. Moncrieff and W. M. Glass. 2,142,890; Jan. 3.
Textile and other materials, Treatment of. A. Mellor, G. Bingham, and W. Pool. 2,184,559; Dec. 26.
Textile and related industries, Producing assistants in the. F. Guenther and K. Saftien. 2,169,976; Aug. 15.
Textile and similar materials, Cleaning. J. W. Chamberlin and R. E. Bassett, Jr. 2,165,884; July 11.
Textile apparatus. F. H. Kaufman. 2,147,258; Feb. 14.
Textile apparatus. R. W. Moncrieff and F. B. Hill. 2,151,327; Mar. 21.
Textile apparatus. S. Magnano and W. G. Abbott, Jr. 2,166,843; July 18.
Textile article. A. J. Steinberger. 2,153,351; Apr. 4.
Textile assistants. H. Rein. 2,149,709; Mar. 7.
Textile drafting means. N. A. Batchalder. 2,164,443; July 4.
Textile fabric. H. M. Kelso, Jr. 2,164,925; July 4.
Textile fabric. C. H. Masland, 2nd. 2,174,991; Oct. 3.
Textile fabric, Production of cellulosic. D. H. Powers and O. B. Hager. 2,169,392; Aug. 15.
Textile fibers and the like and product, Lubricating. L. W. Wasum. 2,151,952; Mar. 28.
Textile machine. G. Fisher, W. S. Tandler, and R. W. Carlisle. 2,158,536; May 16.
Textile machine. W. R. Gordon. 2,158,611; May 16.
Textile machine. R. W. McLean. 2,181,091; Nov. 21.
Textile machinery. M. C. Miller. 2,169,272; Aug. 15.
Textile machinery, Hold-up for. H. M. Bacon. 2,149,567; Mar. 7.
Textile material. A. Petersen. 2,173,214; Sept. 19.
Textile material. H. Platt and A. Lyem. 2,147,056; Feb. 14.
Textile material and preparing it. J. Nuesslein, G. von Finck, and H. Stärk. 2,168,535; Aug. 8.
Textile material and the material thus obtained, Waterproofing. J. Nuesslein, G. von Finck, and H. Stärk. 2,168,534; Aug. 8.
Textile material, Finishing. H. I. Huey. 2,179,505; Nov. 14.
Textile materials. R. R. Sitzler. 2,180,436; Nov. 21.
Textile materials and products therefrom, Process for the enablement of. W. Kaase and E. Waltmann. 2,172,475; Sept. 12.
Textile materials containing organic derivatives of cellulose, Production and treatment of artificial. H. Dreyfus. 2,155,410; Apr. 25.
Textile materials, Improving. E. Koch, G. Schulz, and A. Eckelmann. 2,143,352; Jan. 10.
Textile materials, Treatment of. A. Mellor and R. J. Mann. 2,144,685; Jan. 24.
Textile materials, Treatment of. R. W. Moncrieff and P. H. Miller. 2,145,945; Feb. 7.
Textile materials, Treatment of. R. W. Moncrieff and P. H. Miller. 2,149,536; Mar. 7.
Textile packages, Pretesting and dyeing. R. Little and F. W. Fraim. 2,167,365; July 25.
Textile printing machine. M. N. Bulford. 2,158,027; May 9.
Textile printing machine. H. Hintze and J. J. Dolphi. 2,170,286; Aug. 22.
Textile rovings, Mechanism for drawing. F. Casablancas. 2,175,107; Oct. 3.
Textile, Softening. O. Albrecht. 2,175,101; Oct. 3.
Textile stretching apparatus. H. W. Mettler. 2,158,632; May 16.
Textile treating. T. A. Printon. 2,180,256; Nov. 14.
Textiles and oils therefor, Treating. W. Garner. 2,164,235–7; June 27.
Textiles and oils therefor, Treating. W. Garner. 2,184,040; Dec. 19.
Textiles and other materials, Treatment of. H. Dreyfus, D. Finlayson, and R. G. Perry. 2,161,805; June 13.
Textiles, Desizing. J. Müller. 2,173,040; Sept. 12.
Textiles, Dressing. G. Balle and G. Schulz. 2,168,253; Aug. 1.
Textiles, Method and apparatus for controlling the impregnation of. S. L. Kirkendall. 2,177,323; Oct. 24.
Textiles, Ornamenting. F. Hefti. 2,184,593; Dec. 26.
Textiles, Procedure for the improvement of. K. Stickdorn and R. Hueter. 2,163,068; June 20.
Textiles, Process for matting. A. Landolt, G. Widmer, and H. Benz. 2,145,011; Jan. 24.
Textiles, Production of. E. Freund. 2,161,034; June 6.
Textiles, Washing and centrifuging. A. A. Loweke. 2,168,068; Aug. 1.
Textiles water-repellent and products therefrom, Rendering. E. Waltmann and E. Wolf. 2,173,029; Sept. 12.
Textiles water repellent, Rendering. W. Kaase and E. Waltmann. 2,171,791; Sept. 5.

Texture of rolled products, Improving the F. Bartscherer. 2,171,074; Aug. 29.
Thawing and condensation return device for automobile radiators, Automatic. L. J. Fagan. 2,181,598; Nov. 28.
Theater chair. M. W. Hard. 2,164,918; July 4.
Theater, Miniature. R. V. Holmes. 2,175,604; Oct. 10.
Theater production, Synchronized. N. R. Greathouse. 2,147,648; Feb. 21.
Theobromine alkaline earth metal gluconates. R. J. Fosbinder. 2,182,314; Dec. 5.
Theodolite. K. Moerbitz and E. Roux. 2,181,832; Nov. 28.
Theodolite. C. H. Veeder. 2,153,109; Apr. 4.
Therapeutic agent. C. H. Chase. 2,143,475; Jan. 10.
Therapeutic agents. J. C. Krantz. 2,161,358; June 6.
Therapeutic agent. G. E. Rockwell. 2,143,088; Jan. 10.
Therapeutic and amusement apparatus, Electrical. J. J. Charters. 2,144,617; Jan. 24.
Therapeutic apparatus. M. S. Mead, Jr. 2,145,124; Jan. 24.
Therapeutic colloid. G. W. Boericke and W. W. Young. 2,154,432; Apr. 18.
Therapeutic composition. L. L. Manchey. 2,156,254; Apr. 25.
Therapeutic composition. J. H. Wright. 2,156,233; Apr. 25.
Therapeutic composition and making it. D. A. Scott and A. M. Fisher. 2,179,384; Nov. 7.
Therapeutic device. D. B. McKendrick. 2,183,335; Dec. 12.
Therapeutic method and apparatus. A. Thierer. 2,148,661; Feb. 28.
Therapeutic preparation. F. Breed and L. E. Harris. 2,144,830; Jan. 24.
Therapeutic preparation. F. W. Nitardy. 2,174,009; Sept. 26.
Therapeutic preparation. H. M. Powell. 2,145,799; Jan. 31.
Therapeutic preparation. R. Seiden. 2,183,268; Dec. 12.
Therapeutic preparation and making and using it. D. A. Scott and A. M. Fisher. 2,143,591; Jan. 10.
Therapeutic products from intestinal mucous membrane and preparing them, Stable. C. L. Lautenschläger, F. Lindner, R. Rigler, and O. Schaumann. 2,161,422; June 6.
Therapeutical appliance. J. J. Israel. 2,145,932; Feb. 7.
Therapeutically active principle from ergot and its production. O. Wolfes. 2,145,907; Feb. 7.
Therapy device and applicator therefor, Colon. H. E. Dierker. 2,148,541; Feb. 28.
Therapy head for X-ray apparatus. W. H. Haupt. 2,181,620; Nov. 28.
Thermal accumulator. M. E. Johnston. 2,160,333; May 30.
Thermal atmolysis and apparatus employing same. R. M. Hvid. 2,158,238; May 16.
Thermal contactor. P. B. Parks. 2,144,120; Jan. 17.
Thermal control. K. P. Brace. 2,150,142; Mar. 14.
Thermal-control apparatus, Multicontact. W. B. Mullin. 2,180,643; Nov. 21.
Thermal control of contact masses, Apparatus for. E. J. Houdry. 2,145,877; Feb. 7.
Thermal cover. C. T. Bolen. 2,169,511; Aug. 15.
Thermal decomposition of substances or mixtures of same, Process of and apparatus for the. K. Ebner. 2,155,119; Apr. 18.
Thermal demand meter. P. M. Lincoln and R. R. Sprole. 2,153,091; Apr. 4.
Thermal electric control device. W. M. Willett. 2,174,050; Sept. 26.
Thermal electric meter. P. M. Lincoln and R. R. Sprole. 2,153,092; Apr. 4.
Thermal fluid mixing valve. E. R. Snavely. 2,155,154; Apr. 18.
Thermal insulation. R. L. Parish. 2,183,406; Dec. 12.
Thermal medium, Cooling. E. S. Cornell, Jr. 2,182,788; Dec. 12.
Thermal power plant. W. Karrer. 2,172,708; Sept. 12.
Thermal relay. O. S. Field. 2,153,517; Apr. 4.
Thermal seal. W. C. Calvert. 2,168,015; Aug. 1.
Thermal treatment of aluminum base alloys. E. H. Dix, Jr., and J. A. Nock, Jr. 2,159,010; May 23.
Thermally controlled switch. C. W. Kuhn. 2,158,288; May 16.
Thermic plant. R. Pateras Pescara. 2,162,967; June 20.
Thermionic device. J. D. McQuade. 2,180,714; Nov. 21.
Thermionic tube. H. H. Armstrong and A. B. Menefee. 2,149,656–8; Mar. 7.
Thermionic tube. H. W. Parker. 2,183,149; Dec. 12.
Thermionic vacuum tube. J. F. Cudney. 2,157,595; May 9.
Thermionic valve. W. Dällenbach. 2,157,952; May 9.
Thermionic valve circuit. A. D. Blumlein. 2,178,985; Nov. 7.
Thermionic valve circuit. W. S. Percival. 2,171,671; Sept. 5.
Thermoadhesive composition and articles coated therewith. E. L. Kallander. 2,174,885; Oct. 3.
Thermo-compression process, Duplex solution. W. H. Sellew. 2,182,098; Dec. 5.
Thermocompressor. J. A. MacLean. 2,142,520; Jan. 3.
Thermocouple. F. E. Huggins, Jr. 2,156,853; May 2.
Thermocouple. R. R. Ridgway. 2,152,153; Mar. 28.
Thermocouple mounting. W. K. McCoy. 2,146,082; Feb. 7.
Thermocouple tube. J. E. Buell. 2,177,033; Oct. 24.
Thermoelectrically controlled device. P. L. Betz and and S. Karrer. 2,164,694; July 4.
Thermohydrometer. J. A. Wesseler. 2,157,063; May 2.
Thermometer. L. F. and J. L. Chaney. 2,144,103; Jan. 17.
Thermometer. G. E. Ford. 2,158,751; May 16.
Thermometer. R. E. Gordonier and H. L. Fischer. 2,153,830; Apr. 11.
Thermometer. C. R. Palmer. 2,158,045; May 9.
Thermometer. C. R. Palmer. 2,180,285; Nov. 14.
Thermometer. W. M. Young. 2,179,773; Nov. 14.
Thermometer, Borehole. L. V. Uhrig. 2,183,126; Dec. 12.
Thermometer bracket. E. F. Schweller. 2,169,904; Aug. 15.
Thermometer casing. V. Hiergesell. 2,146,394; Feb. 7.
Thermometer casing and tank sanitary fitting combination. G. J. Oestreicher. 2,178,697; Nov. 7.
Thermometer, Electric contact. E. N. Hurlburt. 2,160,404; May 30.
Thermometer, Recording. J. M. Kendall. 2,144,762; Jan. 24.
Thermometer shaker. T. C. Brosnan. 2,179,839; Nov. 14.
Thermometers and other temperature measuring instruments, Device for standardizing. C. L. Fry and R. W. Leslie. 2,162,614; June 14.
Thermometric means. R. Ullman. 2,156,826; May 2.
Thermonegative resistor. W. Schottky. 2,183,755; Dec. 19.
Thermoplastic articles, Method and means for molding. J. S. Reid. 2,182,389; Dec. 5.
Thermoplastic composition and making same. J. Delorme. 2,180,626; Nov. 21.
Thermoplastic element, Cord mounted. D. Marinsky. 2,174,159; Sept. 26.
Thermoplastic materials, Spinning. V. Yngve. 2,169,315; Aug. 15.
Thermostat. E. K. Clark. 2,151,744; Mar. 28.
Thermostat. C. G. Kronmiller. 2,172,820; Sept. 12.
Thermostat. P. R. Lee. 2,157,857; May 9.
Thermostat. R. E. Newell. 2,150,722; Mar. 14.
Thermostat. P. B. Parks and T. J. Lehane. 2,158,146; May 16.
Thermostat. M. Payne. 2,144,576; Jan. 17.
Thermostat. W. A. Ray. 2,173,083; Sept. 12.
Thermostat. C. H. Sparklin. 2,183,469; Dec. 12.
Thermostat. G. W. Whitehurst. 2,168,836; Aug. 8.
Thermostat and mounting the same. E. L. Mayo. 2,157,770; May 9.
Thermostat, Compensated bimetal. R. Sardeson. 2,171,895; Sept. 5.
Thermostat, Manual reset. P. R. Lee. 2,162,485; June 13.
Thermostat remote control. A. H. Waage. 2,163,297; June 20.
Themostat, Room. W. H. Hutchins. 2,160,740; May 30.
Thermostat, Wall temperature compensated room. B. E. Shaw. 2,158,435; May 16.
Thermostat, Water circulation. M. Gaul. 2,177,980; Oct. 31.
Thermostat, Water circulation. M. Goldschmidt. 2,177,937; Oct. 31.
Thermostatic construction. W. F. Macdonald. 2,168,999; Aug. 8.
Thermostatic contact, Fire alarm. H. G. Hunt. 2,149,997; Mar. 7.
Thermostatic control. E. L. Aldworth. 2,181,957; Dec. 5.
Thermostatic control. P. H. Brace, C. R. Hanna, and K. A. Oplinger. 2,162,524; June 13.
Thermostatic control. B. J. Butler. 2,153,297; Apr. 4.
Thermostatic control. R. E. Newell. 2,163,801; June 27.
Thermostatic control device. J. H. Grayson. 2,181,809; Nov. 28.
Thermostatic control device. B. L. Matthews. 2,150,559; Mar. 14.
Thermostatic control for liquid fuel burners. A. T. Smith. 2,164,955; July 4.
Thermostatic control for multipass evaporators. J. L. Shrode. 2,171,407; Aug. 29.
Thermostatic control mechanism. P. B. Parks. 2,181,606; Nov. 28.
Thermostatic control of electron discharge apparatus. B. D. Bedford. 2,167,472; July 25.
Thermostatic control system. H. L. Sargent. 2,164,353; July 4.
Thermostatic control system, Reversible. H. R. Crago. 2,149,085; Feb. 28.
Thermostatic controlled device. D. G. Taylor. 2,146,604; Feb. 7.
Thermostatic device. E. Klahn. 2,149,892; Mar. 7.
Thermostatic device. B. F. Waddell. 2,151,541; Mar. 21.
Thermostatic element. R. G. Waltenberg. 2,146,389; Feb. 7.
Thermostatic element, Tapered. N. L. Derby. 2,144,915; Jan. 24.
Thermostatic mixer. F. C. Leonard. 2,175,203; Oct. 10.
Thermostatic switch. E. C. Horton. 2,184,699; Dec. 26.
Thermostatic switch. A. J. Kercher. 2,159,090; May 23.
Thermostatic switch, Snap-acting. D. G. Taylor. 2,175,721; Oct. 10.
Thermostatic temperature regulator. E. Huber. 2,183,745; Dec. 19.

Thermostatic valve. J. E. Jack. 2,161,924; June 13.
Thermostatic valve. E. G. Wright. 2,145,003; Jan. 24.
Thermostatic water mixer. M. O. Snediker. 2,159,819; May 23.
Thermostatically controlled valve. L. F. Whitney. 2,155,880; Apr. 25.
Thermostatically operating device. R. H. Zinkil. 2,165,171; July 4.
Thermostats, Purging. L. M. Persons. 2,160,280; May 30.
Thiazoles having a hydrogen atom in the 2-position, Manufacture of. H. Spiegelberg. 2,179,984; Nov. 14.
Thiazoles, Production of. O. Hromatka. 2,160,867; June 6.
Thiazolidine derivatives, Manufacture of. W. Maier. 2,148,909; Feb. 28.
Thickener. C. E. Wuensch. 2,169,442; Aug. 15.
Thickness gauge. C. R. Dowdy and F. Doepke. 2,152,880; Apr. 4.
Thickness gauge, Continuously operating. S. B. Terry and T. W. Hall. 2,177,009; Oct. 24.
Thickness indicator. D. G. Birmingham. 2,177,051; Oct. 24.
Thimble. A. R. Fauria. 2,155,536; Apr. 25.
Thimble. E. W. Ost and H. E. Sawyer. 2,184,466; Dec. 26.
Thimble. W. C. Russell. 2,152,096; Mar. 28.
Thimble stick attachment. A. N. King. 2,154,337; Apr. 11.
Thin babbitt bearing. R. L. Strickland and J. J. Frank. 2,175,985; Sept. 26.
Thioamides and preparing the same. A. W. Ralston. 2,168,847; Aug. 8.
Thioisatins, Polynuclear aryl. A. J. Sweet. 2,154,709; Apr. 18.
Thiones and selenones, Manufacture of. J. D. Kendall. 2,154,334; Apr. 11.
Thionol, Preparation of. F. De Eds, C. W. Eddy, and J. O. Thomas. 2,162,686; June 13.
Thiophenols from alkyl phenols, Separation of. D. B. Luten, Jr., and S. B. Thomas. 2,184,928; Dec. 26.
Thiourea, Manufacture of. R. O. Roblin, Jr. 2,173,067; Sept. 12.
Thixotropes, Device for mechanically treating. S. Kiesskalt. 2,145,198; Jan. 24.
Thorn-removing device. M. De Meester, 2,167,337; July 25.
Thread. G. S. Radford. 2,146,314; Feb. 7.
Thread and apparatus therefor, Manufacturing artificial silk. C. A. Huttinger. 2,184,144; Dec. 19.
Thread and fabric and the manufacture thereof, Crepe. H. Dreyfus, D. Finlayson, and C. E. Stafford. 2,142,119; Jan. 3.
Thread and fabric containing artificial filaments, Crepe. H. Dreyfus, R. W. Moncrieff, S. J. Menzer, and T. Eccles. 2,142,120; Jan. 3.
Thread and fabric, Crepe. H. Dreyfus. 2,142,118; Jan. 3.
Thread and fabric, Crepe. H. Dreyfus. 2,142,122; Jan. 3.
Thread and fabric, Crepe. H. Dreyfus and W. A. Dickie. 2,144,677; Jan. 24.
Thread and making same, Rubber. M. Draemann. 2,149,425; Mar. 7.
Thread and making same, Rubber. K. R. Shaw. Re. 20,977; Jan. 10.
Thread and making same, Rubber. K. R. Shaw. 2,165,986; July 11.
Thread and the thread resulting therefrom, Treating sewing. A. Burgeni. 2,173,997; Sept. 26.
Thread, Apparatus for the production of artificial. H. S. Toole and I. V. Hitt. 2,150,951; Mar. 21.
Thread back-winding machine, Multiple. F. Tait, Jr. 2,172,114; Sept. 5.
Thread cleaner. J. Giet and H. Miedendorp, Jr. 2,181,479; Nov. 28.
Thread cleaner. H. J. Hufford. 2,145,624; Jan. 31.
Thread cleaner. W. T. Munson. 2,165,405; July 11.
Thread cleaner. E. M. Torbet. 2,178,442; Oct. 31.
Thread cleaning device. S. Hyslop. 2,180,985; Nov. 21.
Thread clipping device. W. N. Hadley. 2,149,886; Mar. 7.
Thread cores. C. K. Dunlap. 2,162,841; June 20.
Thread cutter and holder. E. Nordlund. 2,176,822; Oct. 17.
Thread cutting device for lathes. W. Ogilvie. 2,143,794; Jan. 10.
Thread cutting machine. M. W. Anthony. 2,159,308; May 23.
Thread cutting machine. J. Lupo, Jr. 2,176,676; Oct. 17.
Thread-cutting temple. F. D. Herring. 2,163,308; June 20.
Thread cutting tool. T. Briegel. 2,177,091; Oct. 24.
Thread cutting tool. O. Swenson. 2,145,819; Jan. 31.
Thread dispenser. C. Huber. 2,148,860; Feb. 28.
Thread drawing off device on double twist twisting machines. O. Bochmann. 2,158,607; May 16.
Thread dressing composition, Artificial. E. K. Gladding. 2,160,458; May 30.
Thread feeding mechanism for knitting machines, Selective. R. Anke. 2,142,168; Jan. 3.
Thread forming mechanism. C. G. Olson. 2,183,689; Dec. 19.
Thread guide. F. Cass. 2,152,136; Mar. 28.
Thread guide. M. Duraffourg. 2,171,826; Sept. 5.
Thread guide and adapter therefor. M. Duraffourg. 2,164,803; July 4.
Thread guide mechanism. L. E. Lovett. 2,184,390; Dec. 26.
Thread guiding device. J. Brussell. 2,182,940; Dec. 12.
Thread holder. E. E. Silvey. 2,144,996; Jan. 24.
Thread, Manufacture and use of rubber. K. R. Shaw. 2,169,886; Aug. 15.
Thread, Manufacture of rubber. C. L. Beal. 2,165,089; July 4.
Thread, Method and apparatus for tensioning and winding resilient. E. J. Joss. 2,179,094; Nov. 7.
Thread, Method and apparatus for treating artificial. H. S. Drum and W. C. Dodson. 2,171,975; Sept. 5.
Thread-milling cutter. A. L. Stone. 2,173,401; Sept. 19.
Thread or the like, Apparatus for handling. H. B. Kline and A. H. Burkholder. 2,178,104; Oct. 31.
Thread or the like, Apparatus for the manufacture of. H. B. Kline, W. F. Knebusch, and A. H. Burkholder. 2,146,747; Feb. 14.
Thread or the like, Manufacture of. H. B. Kline, W. F. Knebusch, and A. H. Burkholder. 2,143,884; Jan. 17.
Thread or the like, Manufacture of. H. B. Kline, W. F. Knebusch, and A. H. Burkholder. 2,144,629; Jan. 24.
Thread or the like, Manufacture of. H. B. Kline, W. F. Knebusch, and A. H. Burkholder. 2,150,928; Mar. 21.
Thread or the like, Manufacture of. W. F. Knebusch and A. H. Burkholder. 2,146,748; Feb. 14.
Thread or the like, Manufacture of. W. F. Knebusch and A. H. Burkholder. 2,162,728; June 20.
Thread or the like, Method of and apparatus for transferring. F. F. Hillix. 2,173,840; Sept. 26.
Thread or the like, Process of and apparatus for drying. H. B. Kline. 2,162,727; June 20.
Thread, Producing a testing. P. Litty. 2,167,808; Aug. 1.
Thread production apparatus. J. D. Renfroe. 2,164,426; July 4.
Thread production, Artificial. S. O. Fiedler. 2,154,609; Apr. 18.
Thread protector. L. S. Gunderman. 2,143,480; Jan. 10.
Thread protector. J. Kahn and W. F. Schulz. 2,159,929; May 23.
Thread protector. J. Kahn and W. F. Schulz. 2,156,221; Apr. 25.
Thread protector. E. J. Protin. 2,161,197; June 6.
Thread store device. E. B. Helm. 2,165,259; July 11.
Thread surface coating composition. C. E. S. Place. 2,181,835; Nov. 28.
Thread surface seizure, Inhibiting. C. E. S. Place. 2,173,003; Sept. 12.
Thread swaging apparatus. C. T. Draper. 2,145,587; Jan. 31.
Thread tension unit for shuttles. R. G. Turner. 2,179,359; Nov. 7.
Thread testing device. T. J. Nunan. 2,142,251; Jan. 3.
Thread testing device. T. J. Nunan. 2,142,255; Jan. 3.
Thread throwing machine and the like. J. C. Houck. 2,177,039; Oct. 24.
Thread transfer apparatus. A. Moessinger. 2,163,760; June 27.
Thread, Treating. W. M. Camp, A. Burgeni, and F. W. Thomas. 2,173,998; Sept. 26.
Thread twisting apparatus. F. Honig. 2,146,578; Feb. 7.
Thread twisting apparatus. F. Honig. 2,163,789; June 27.
Thread under uniform tension, Mechanism for supplying a. R. S. Francis. 2,160,495; May 30.
Thread winding machine. D. G. Baker. 2,183,735; Dec. 19.
Threaded bearing. J. W. Leighton. 2,175,298; Oct. 10.
Threading die. W. J. Hogg. 2,163,598; June 27.
Threading machine for insulator blanks. K. H. Weber. 2,154,793; Apr. 18.
Threading mechanism. C. E. Miller. 2,161,548; June 6.
Threading tool. H. A. Unke. 2,182,906; Dec. 12.
Threads, filaments and the like, Manufacture of. E. A. Morton. 2,152,620; Mar. 28.
Threads, Method and apparatus for simultaneously spinning and twisting artificial. K. Berndt. 2,150,354; Mar. 14.
Threads of artificial filaments, Manufacture and treatment of. J. B. Dove. 2,162,575; June 13.
Threads or fabrics made of or containing cellulose esters, Manufacture of crepe. W. A. Dickie. 2,142,715; Jan. 3.
Threads or other products from cellulose compounds, Manufacture of artificial. L. Lilienfeld. 2,163,607; June 27.
Threads or the like, Manufacture of artificial. O. Eisenhut, H. Rein, and H. Widmann. 2,154,893; Apr. 18.
Threads or yarns, Appliance for testing the tension of textile. S. Fürst. 2,159,969; May 30.
Threads, Preparing artificial. P. Ehrenstein. 2,145,076; Jan. 24.
Threads, Producing artificial. K. Weissenberg and B Rabinowitsch. 2,142,389; Jan. 3.
Threads, Production of. A. Ceretti. 2,174,460; Sept. 26.
Threads, Production of artificial. G. Campolunghi. 2,173,621; Sept. 19.
Threads, Production of textile. K. F. Seim. 2,143,230; Jan. 10.
3-alkoxy-4-hydroxy-benzaldehyde, Manufacture of a. C. N. Geneff. 2,154,979; Apr. 18.

Three-dimension radio-bearing indicator. E. Montu. 2,174,350; Sept. 26.
3, 4-dihydroxyphenylaminopropanols, Derivatives of. M. Bockmühl, G. Ehrhart, and L. Stein. 2,151,459; Mar. 21.
3-hydroxy-diphenylene oxides and preparing them. K. Zahn and K. Schimmelschmidt. 2,172,572; Sept. 12.
3-keto-cyclopentanopolyhydrophenanthrene. M. Hartmann and A. Wettstein. 2,182,920; Dec. 12.
Three-way switch. C. F. James and J. H. and S. D. Buckley. 2,149,699; Mar. 7.
Thresher. A. C. Lindgren. 2,159,664; May 23.
Thresher. A. G. Lindgren and C. R. Raney. 2,166,416; July 18.
Thresher-feeder mechanism. A. J. Hartley. 2,161,042; June 6.
Threshing apparatus. A. Anderson. 2,145,330; Jan. 31.
Threshing machine. F. L. Kilberger. 2,150,976; Mar. 21.
Threshing machine. R. Williams. 2,150,856; Mar. 14.
Threshing machine with open centrifugal chamber. A. Martínez Bedolla. 2,154,483; Apr. 18.
Threshold. P. R. Oftedal and D. G. Kingsley. 2,167,958; Aug. 1.
Threshold plate and assembly. W. J. Hennessy. 2,147,700; Feb. 21.
Thrombin, Manufacture of. H. Dyckerhoff. 2,164,804; July 4.
Throttle actuator, Foot. S. Holtzclaw. 2,174,419; Sept. 26.
Throttle and starter control mechanism. D. Collins. 2,182,787; Dec. 12.
Throttle control. E. Schroedter. 2,159,772; May 23.
Throttle control, Automobile. A. C. Gutenberg and R. L. Brower. 2,167,110; July 25.
Throttle control device. H. H. Merriman. 2,157,652; May 9.
Throttle control, Hydraulic. E. O. Schjolin. 2,164,475; July 4.
Throttle control mechanism. E. J. Sampson. 2,171,456; Aug. 29.
Throttle control, Multiple. A. J. Isbell. 2,143,318; Jan. 10.
Throttle controlling mechanism. R. S. Sanford. 2,148,305; Feb. 21.
Throttle controls for internal combustion engines. J. Lichtenstein. 2,168,958; Aug. 8.
Throttle device, Foot-actuated. H. F. Heisler. 2,150,972; Mar. 21.
Throw-over, Automatic. W. C. Buttner. 2,168,701; Aug. 8.
Throwing mechanism. L. H. Connell. 2,171,623; Sept. 5.
Thrust bearing. C. H. Hellyar. 2,155,657; Apr. 25.
Thrust bearing, High speed. A. Kingsbury. 2,168,345; Aug. 8.
Thrust bearing, Self-contained. W. E. Horrocks. 2,168,342; Aug. 8.
Thrust bearing, Separating race ring. W. E. Horrocks. 2,173,508; Sept. 19.
Thyratron welding control. L. G. Levoy, Jr., and G. W. Garman. 2,166,305; July 18.
Ticket, Chance. A. and B. Jacobstein. 2,180,808; Nov. 21.
Ticket collector, Selective. R. W. Budd. 2,142,490; Jan. 3.
Ticket dispensing machine. F. M. Jones. 2,163,754; June 27.
Ticket holder, Yieldable. P. H. Meyer. 2,168,912; Aug. 8.
Ticket issuing machine. R. H. Helsel. 2,176,966; Oct. 24.
Ticket-issuing machine. L. Scher. 2,171,898; Sept. 5.
Ticket issuing machine. E. A. Shard and H. G. Weiss. 2,146,449; Feb. 7.
Ticket issuing mechanism. L. Scher. 2,180,483; Nov. 21.
Ticket printing and issuing machine. H. G. Craig and A. W. Pride. 2,150,761; Mar. 14.
Ticket printing and issuing machine for totalizators. J. Handley. 2,155,655; Apr. 25.
Ticket printing or marking and issuing apparatus. K. G. A. Bäckdahl. 2,169,213; Aug. 15.
Tide gate. C. S. Brown. 2,176,522–3; Oct. 17.
Tie. D. Sobel. 2,153,348; Apr. 4.
Tie and anchor, Mine rail. S. Morano. 2,174,472; Sept. 26.
Tie-back, Projecting. L. P. Wormley. 2,180,219; Nov. 14.
Tie bands, Method of and machine for making. J. D. Lane. 2,144,263; Jan. 17.
Tie case. A. L. Branch. 2,171,077; Aug. 29.
Tie clip. J. F. Rogers. 2,168,946; Aug. 8.
Tie, Concrete form. L. O. Gates. 2,171,524; Sept. 5.
Tie construction. I. Marinsky. 2,157,618; May 9.
Tie, Continuous masonry. F. N. Crandall. 2,150,798; Mar. 14.
Tie, Filter. L. M. Christie, E. F. Wanner, and A. S. Brewer. 2,161,999; June 13.
Tie, Form. T. C. Schenk. 2,162,592; June 13.
Tie, Four-in-hand. J. M. Walsh. 2,153,683; Apr. 11.
Tie holder. J. W. Devall. 2,180,224; Nov. 14.
Tie holder. C. Silverman. 2,151,164; Mar. 21.
Tie holder. F. Wienand. 2,179,771; Nov. 14.
Tie-holder construction. C. Silverman. 2,171,103; Aug. 29.
Tie lock. F. F. Londke. 2,169,653; Aug. 15.
Tie lock. K. L. Seaman. 2,164,626; July 4.
Tie plate. C. F. Gailor. 2,154,931; Apr. 18.
Tie plate and clip, Railway. G. T. Willard. 2,162,365; June 13.
Tie plate arrangement for railroads. T. W. Stedman. 2,155,155; Apr. 18.
Tie plate, Rail retaining. H. G. Warr. 2,152,337; Mar. 28.
Tie plate, Railway. F. A. Preston. 2,147,715; Feb. 21.
Tie, Sectional removable railway. J. C. Purdon. 2,150,940; Mar. 21.
Tie stitching machine. R., V., and H. Naftali. 2,184,256; Dec. 19.
Tie support. A. J. Winter. 2,165,913; July 11.
Ties from cast concrete, Extracting form. S. S. Colt. 2,164,031; June 27.
Ties from cast concrete, Pulling form. S. S. Colt. 2,156,528; May 2.
Tile. J. B. Boyd, Sr. 2,162,695; June 20.
Tile. N. M. Freeman and C. H. Korb. 2,148,858; Feb. 28.
Tile and setting the same. C. F. Glaser. 2,157,201; May 9.
Tile and tile assembly. C. Batcheller. 2,145,068; Jan. 24.
Tile, Apparatus for making roofing. D. Brown, J. B. Peebles, and B. M. Burchfiel. 2,177,607; Oct. 24.
Tile, Building. N. A. Noce. 2,154,213; Apr. 11.
Tile cutting gauge. S. J. Zangrando. 2,144,697; Jan. 24.
Tile cutting machine. N. C. Coates. 2,171,024; Aug. 29.
Tile cutting machine. L. D. Mariutto. 2,184,894; Dec. 26.
Tile, Design producing. V. Hagopian. 2,162,777; June 20.
Tile, Drainage. F. S. Wuelker. 2,162,926; June 20.
Tile, Glass. N. H. Cederquist. 2,169,720; Aug. 15.
Tile, Making irrigating. W. R. Fleming. 2,159,690; May 23.
Tile making machine. H. Jansen. 2,153,307; Apr. 4.
Tile, Manufacture of mastic. C. E. Fawkes and G. P. Heppes. 2,145,648; Jan. 31.
Tile, Metal. R. P. Myers. 2,174,727; Oct. 3.
Tile, Roof. R. A. Plumb. 2,151,148; Mar. 21.
Tile, Roofing. F. Georgi. 2,149,521; Mar. 7.
Tile, Roofing. F. H. Kawamura. 2,160,548; May 30.
Tile, Rubber. A. C. Fischer. 2,176,068; Oct. 17.
Tile, Self-anchoring ceiling and wall. L. D. Turco. 2,175,070; Oct. 3.
Tile structure. A. H. Stewart. 2,145,103; Jan. 24.
Tiles, Fashioning. M. A. Schweiker. 2,183,699; Dec. 19.
Tiling. D. Broadwin. 2,175,660; Oct. 10.
Tiling. H. A. Winkelmann. 2,177,413; Oct. 24.
Tilling implement. A. C. Lindgren. 2,164,214; June 27.
Tilting device. F. J. Burns. 2,146,935; Feb. 14.
Tilting-head press. E. A. Stillman and R. W. Dinzl. 2,182,884; Dec. 12.
Tilting mechanism, especially for chairs. W. F. Herold. 2,167,508; July 25.
Tilting mechanism for Venetian blinds. J. Nisenson. 2,180,311; Nov. 14.
Timber cutter. C. Wolf. 2,165,524; July 11.
Time circuit arrangement and oscillation generator, Electrical. A. J. Young. 2,155,210; Apr. 18.
Time control switch. M. H. Rhodes. 2,150,634; Mar. 14.
Time controlled switch. K. M. Hammell. 2,182,894; Dec. 12.
Time delay combination lock. C. M. Hirn. 2,152,258; Mar. 28.
Time delay for rectifier tubes. R. Lee. 2,147,449; Feb. 14.
Time delay relay. M. B. Sledd. 2,183,412; Dec. 12.
Time indicating attachment for clocks, Universal. G. W. Kidd. 2,148,907; Feb. 28.
Time indicating device, Coin operated. G. H. J. Baule. 2,173,326; Sept. 19.
Time indicating device, World. H. A. Leatart. 2,169,956; Aug. 15.
Time lag interlock. J. W. Conklin. 2,175,827; Oct. 10.
Time limit switch. J. A. Jarreau and U. J. Roch. 2,173,418; Sept. 19.
Time lines recording apparatus. A. B. Bryan. 2,184,953; Dec. 26.
Time lock, Delayed control. W. C. Miller. 2,162,442; June 13.
Time-measuring meter, Coin-controlled. J. B. McGay, G. E. Nicholson, and C. C. Magee. 2,168,302; Aug. 1.
Time measuring system. T. L. Dimond. 2,144,873; Jan. 24.
Time-of-day announcing system. J. Baumfalk, W. Bennett, and P. L. Wright. 2,161,945; June 13.
Timepiece, Touch readable. E. O. Walser. 2,177,234; Oct. 24.
Timepieces, Automatic winding mechanism for. L. N. Shaker. 2,176,278; Oct. 17.
Time printer, Elapsed. L. S. Harrison. 2,153,185; Apr. 4.
Time recorder. J. H. Cannon. 2,142,492; Jan. 3.
Time recorder. L. S. Harrison. 2,156,983; May 2.
Time recorder, Autograph. E. J. Von Pein. 2,178,768; Nov. 7.
Time recorder mechanism. E. G. Streckfuss. 2,171,167; Aug. 29.
Time recording device. L. T. E. Thompson and N. A. M. Riffolt. 2,160,006; May 30.

Time switch. J. C. Gillette. 2,176,569; Oct. 17.
Time switch. J. A. Hjulian. 2,183,886; Dec. 19.
Time switch. K. Öhreneder. 2,169,924; Aug. 15.
Time switch. D. G. Cameron and G. W. Sprenger. 2,146,562; Feb. 7.
Time switch. J. McCarroll and L. K. Cheswright. 2,154,522; Apr. 18.
Time switch, Coin controlled. A. W. Welcome. 2,144,172; Jan. 17.
Time system. C. S. Richardson. 2,168,628; Aug. 8.
Timer. L. J. Armstrong. 2,153,540; Apr. 11.
Timer checking device. M. O. Museus. 2,149,620; Mar. 7.
Timer for internal combustion hammers. C. L. Charles. 2,175,741; Oct. 10.
Timer for toasters, Electric. J. Geier. 2,180,232; Nov. 14.
Timer, Induction. W. C. Hall, Jr. 2,164,915; July 4.
Timer, Spark. P. E. Klopsteg. 2,177,368; Oct. 24.
Timing and release mechanism for mechanical time fuses. E. H. Schenk. 2,149,469; Mar. 7.
Timing and timing device. H. J. McCreary and R. G. Richardson. 2,167,121; July 25.
Timing control. A. Pfister. 2,164,939; July 4.
Timing control. C. Stansbury. 2,146,863; Feb. 14.
Timing control, Electrical. J. J. Root. 2,144,033; Jan. 17.
Timing control for pneumatically operated switches. C. H. Rippl. 2,180,171; Nov. 14.
Timing device. T. L. Dimond. 2,145,042; Jan. 24.
Timing device. A. B. Fuller. 2,150,680; Mar. 14.
Timing device. E. S. Glover. 2,177,102; Oct. 24.
Timing device. W. C. Crisp and W. E. Barnes. 2,183,548; Dec. 19.
Timing device. T. A. and R. T. Killman. 2,143,074; Jan. 10.
Timing device and escapement therefor. M. H. Rhodes and J. Fanzol. 2,150,633; Mar. 14.
Timing device for cap spinning machines. S. A. Mansfield and J. L. Killoran. 2,145,938; Feb. 7.
Timing device for control circuits. R. H. Gerard. 2,178,890; Nov. 7.
Timing device for mixers. L. A. Guedel. 2,147,575; Feb. 14.
Timing device, Variable. C. H. Bissell. 2,165,444; July 11.
Timing mechanism. F. E. Weld. 2,159,920; May 23.
Timing mechanism. A. H. Woodward. 2,147,941; Feb. 21.
Timing mechanism, Unitary thermally responsive. M. Ireland. 2,168,526; Aug. 8.
Timing relay. H. A. Wilhelm. 2,158,346; May 16.
Timpano adjuster. W. F. Ludwig. 2,150,981; Mar. 21.
Tin alloy. E. Scheller. 2,151,302; Mar. 21.
Tin and other oxidizable metals, Recovery of. H. W. Richter. 2,145,433; Jan. 31.
Tin-coated object. E. C. Domm. 2,176,066; Oct. 17.
Tin, Electro depositing. J. P. Cooper and D. W. Light. 2,156,427; May 2.
Tin from lead containing tin and other impurities, Removal of. T. E. Harper, Jr., and G. Reinberg. 2,155,545; Apr. 25.
Tin plate, Shipping. G. S. Jenks. 2,166,594; July 18.
Tin plate, Waxing. W. E. Burns. 2,159,351; May 23.
Tin, Recovering. J. O. Betterton and Y. E. Lebedeff. 2,173,268; Sept. 19.
Tin wrapping machine, Helical. J. D. Lear. 2,152,437; Mar. 28.
Tinning compound. N. M. Epperson. 2,144,798; Jan. 24.
Tins and feeding them to soldering or folding mandrels, Receiving bodies of. O. Achtermann and F. Schiller. 2,184,089; Dec. 19.
Tine for deep juice grooves. H. Hurter and C. J. Kurth. 2,151,405; Mar. 21.
Tints on cellulosic fibers, Production of fast. F. Straub and W. Anderau. 2,148,659; Feb. 28.
Tip for cigarettes, Filter. S. Alley. 2,159,121; May 23.
Tip for fire nozzles, Removable. A. L. Cone. 2,148,535; Feb. 28.
Tip for fishing rods, Line guide. C. Sanford, Jr. 2,147,063; Feb. 14.
Tip welding apparatus. C. Pfanstiehl. 2,145,275; Jan. 31.
Tip welding method. C. Pfanstiehl. 2,159,707; May 23.
Tipping apparatus. C. Pfanstiehl. 2,145,274; Jan. 31.
Tipping mechanism. W. C. Anthony and L. Wachter. 2,146,166; Feb. 7.
Tipping mechanism. L. Wachter. 2,143,291; Jan. 10.
Tips to bases, Welding small. B. C. Chandler. 2,167,925; Aug. 1.
Tire. H. Eudy. 2,152,883; Apr. 4.
Tire. C. E. Hershey. 2,142,315; Jan. 3.
Tire. H. C. Hower. 2,155,972; Apr. 25.
Tire. J. H. Thomas. 2,184,326; Dec. 26.
Tire. De W. T. Hicks and V. L. Smithers. 2,164,819; July 4.
Tire, Air-cooled. E. J. Czerwin. 2,146,942; Feb. 14.
Tire air pressure switch. E. C. Henderson. 2,182,895; Dec. 12.
Tire and cord tire fabric, Pneumatic cord. H. T. Kraft. 2,179,374; Nov. 7.
Tire and tool carrying compartment in trucks. F. Biszantz. 21,171; Aug. 8.
Tire, Automobile. T. Bryant. 2,158,398; May 16.
Tire, Automobile. I. B. Kaiser. 2,167,277; July 25.
Tire balancing apparatus. W. R. Urquhart and E. G. Templeton. 2,173,738; Sept. 19.
Tire bead construction. J. W. White, P. A. Frank, and F. J. Shook. 2,149,079; Feb. 28.
Tire bead winding apparatus. F. J. Shook. 2,151,306; Mar. 21.
Tire building drum. H. C. Bostwick. 2,168,897; Aug. 8.
Tire carcass and inserting an air bag therein, Apparatus for expanding a. W. J. Breth and W. C. McCoy. 2,171,424; Aug. 29.
Tire casing holder. J. A. Murphy. 2,177,222; Oct. 24.
Tire casings, Apparatus for forming pneumatic. H. F. Maranville. 2,182,176; Dec. 5.
Tire chain. O. W. Nesbitt. 2,179,983; Nov. 14.
Tire chain. G. S. Schmidt. 2,159,831; May 23.
Tire chain. G. S. Schmidt. 2,172,880; Sept. 12.
Tire chain. E. A. Stuller. 2,165,768; July 11.
Tire chain clamp. R. E. Lees and J. S. Wilson. 2,166,869; July 18.
Tire chain, Reinforced antiskid. E. A. Conner and W. E. Myers. 2,180,101; Nov. 14.
Tire chain, Reinforced antiskid. H. A. Delano. 2,180,102; Nov. 14.
Tire chain, Traction. E. E. Lloyd. 2,165,865; July 11.
Tire contracting tool. E. A. Glynn. 2,149,395; Mar. 7.
Tire cover. C. M. Ellenberger. 2,171,786; Sept. 5.
Tire cover. A. P. Fergueson. 2,147,020; Feb. 14.
Tire fabric. F. Chadwick. 2,151,186; Mar. 21.
Tire from a vulcanizing mold, Removing a. E. A. Glynn. 2,184,119; Dec. 19.
Tire gauge, Electrical. W. Harfst. 2,167,568; July 25.
Tire grooving tool. E. H. Stackhouse. 2,157,151; May 9.
Tire inflating and brake operating mechanism. R. S. Sanford. 2,148,246; Feb. 21.
Tire inflating and testing equipment. A. R. Ames. 2,173,619; Sept. 19.
Tire inflating device, Multiple-valved. L. C. Oree and P. J. Williams. 2,146,978; Feb. 14.
Tire inflation control system. C. Wiegand. 2,146,102; Feb. 7.
Tire, Inner walled. F. R. McDevitt. 2,164,686; July 4.
Tire, Making a nonskid. D. E. White. 2,180,650; Nov. 21.
Tire molding apparatus. J. C. Heintz. 2,174,188; Sept. 26.
Tire-Nonskid. P. H. Flautt. 2,148,343; Feb. 21.
Tire, Nonskid. D. E. White. 2,180,649; Nov. 21.
Tire, Pneumatic. J. E. Cady. 2,169,037; Aug. 8.
Tire, Pneumatic. J. R. Gammeter. 2,169,041; Aug. 8.
Tire, Pneumatic. H. T. Kraft. 2,184,927; Dec. 26.
Tire, Pneumatic. A. J. Kramer. 2,155,017; Apr. 18.
Tire, Pneumatic. K. Kramis. 2,160,219; May 30.
Tire, Pneumatic. J. Steindel. 2,155,206; Apr. 18.
Tire, Pneumatic. A. A. Thomas. 2,143,528; Jan. 10.
Tire, Pneumatic. I. I. Tubbs. 2,167,398; July 25.
Tire, Pneumatic. E. Witzenmann. 2,166,511; July 18.
Tire, Pneumatic. B. H. Benson and B. E. Mendelsohn. 2,152,131; Mar. 28.
Tire, Pneumatic. J. R. Munés and B. P. Marchant. 2,179,192; Nov. 7.
Tire pressure controlling apparatus. W. H. Davis. 2,156,841; May 2.
Tire pressure indicating device. E. R. Smith, E. J. Redd, and O. L. Smith. 2,152,159; Mar. 28.
Tire pressure signal. S. G. Bond. 2,183,089; Dec. 12.
Tire recapping press. E. D. Barnes. 2,152,755; Apr. 4.
Tire removing tool. G. Van Zale. 2,157,443; May 9.
Tire retreading arrangement. F. E. Kite and L. B. Broering. 2,153,765; Apr. 4.
Tire retreading device. A. Riccio. 2,157,967; May 9.
Tire retreading mold. J. C. Meier. 2,174,590; Oct. 3.
Tire rim. W. S. Brink. 2,174,616; Oct. 3.
Tire shaping tool, Locomotive and car wheel. M. Sainich. 2,163,738; June 27.
Tire sign, Illuminated. F. A. Sunderhauf. 2,177,467; Oct. 24.
Tire slitting machine. H. E. Sipe. 2,180,556; Nov. 21.
Tire-slitting machine. G. F. Wikle. 2,158,167; May 16.
Tire spreader and inspection machine. L. P. Fisher. 2,173,795; Sept. 19.
Tire spreaders. O. C. Kalbfleisch. 2,167,981; Aug. 1.
Tire stitching apparatus. G. F. Wikle. 2,161,117; June 6.
Tire tool. W. A. Dennis. 2,148,111; Feb. 21.
Tire tool. J. F. Neville. 2,179,896; Nov. 14.
Tire, Traction. N. C. Cuddeback and B. R. Benjamin. 2,154,035; Apr. 11.
Tire tread and pressure regulating device. P. Michael. 2,177,042; Oct. 24.
Tire tread cutting machine. E. M. Godfrey, Jr. 2,144,623; Jan. 24.
Tire tread, Manufacturing. J. P. Tarbox. 2,171,438; Aug. 29.
Tire treads, Apparatus for slitting. G. F. Wikle. 2,167,017; July 25.
Tire treads, Device for slitting. G. F. Wikle. 2,183,376; Dec. 12.
Tire-treating apparatus. W. F. Errig and E. S. De Hart. 2,174,874; Oct. 3.
Tire-tube testing case, Pneumatic. A. D. Enriquez and P. Sussman. 2,178,853; Nov. 7.
Tire valve. S. T. Williams. 2,154,255; Apr. 11.
Tire vulcanizing mold. G. O. Beckman. 2,147,081; Feb. 14.

Tires, Cooling multicellular rubber. J. Brunswick. 2,166,927; July 25.
Tires, Manufacture of pneumatic. L. S. M. Lejeune. 2,153,965; Apr. 11.
Tissue or paper and the product obtained thereby, processing of. J. I. Gardiner and J. Barnes. 2,147,889; Feb. 21.
Tissues, Preservation of glandular. F. W. Nitardy. 2,171,594; Sept. 5.
Titanates, Producing pigment. G. D. Patterson. 2,166,221; July 18.
Titanium carbide and making same, Crystalline granular. C. J. Kinzie and D. S. Hake. 2,149,939; Mar. 7.
Titanium compounds, Production of water-soluble. E. N. Kramer. 2,180,961; Nov. 21.
Titanium concentrates, Preparation of. J. E. Booge. 2,183,365; Dec. 12.
Titanium dioxide, Making. B. W. Allan and L. G. Bousquet. 2,182,420; Dec. 5.
Titanium liquors, Treatment of. C. E. Smith. 2,149,370; Mar. 7.
Titanium ores, Treatment of. I. E. Muskat and R. H. Taylor. 2,184,884–5; Dec. 26.
Titanium, Preparation of metallic. H. Freudenberg. 2,148,345; Feb. 21.
Titanium salt solutions, Accelerated hydrolysis of. B. W. Allan. 2,143,851; Jan. 17.
Titanium salt solutions, Seeding. B. W. Allan. 2,143,530; Jan. 10.
Titanium tetrachloride, Decolorizing. F. Gage. 2,178,685; Nov. 7.
Toaster. W. M. Anderson. 2,149,566; Mar. 7.
Toaster. O. G. Burch. 2,146,171–2; Feb. 7.
Toaster. K. Ehrgott. 2,172,194; Sept. 5.
Toaster. V. Emanuel. 2,144,485; Jan. 17.
Toaster. A. Guerra. 2,182,124; Dec. 5.
Toaster. W. Rahr. 2,147,457; Feb. 14.
Toaster. J. Wertzheiser. 2,160,771; May 30.
Toaster and controlling the same, Automatic. W. L. Lodge. 2,149,972; Mar. 7.
Toaster, Automatic. B. R. Deleray. 2,170,070; Aug. 22.
Toaster, Automatic. R. Sardeson. 2,147,386; Feb. 14.
Toaster, Automatic. R. Sardeson. 2,162,899; June 20.
Toaster, Automatic. R. Sardeson. 2,171,896–7; Sept. 5.
Toaster, Automatic. A. M. Young. 2,176,940; Oct. 24.
Toaster, Automatic electric. H. M. Biebel. 2,171,520; Sept. 5.
Toaster, Automatic electric. M. Ireland. 2,147,371; Feb. 14.
Toaster, Automatic electric. R. Sardeson. 2,147,385; Feb. 14.
Toaster, Automatic electric. F. W. Scharf. 2,152,100; Mar. 28.
Toaster control. M. Ireland. 2,149,965; Mar. 7.
Toaster, Electric. W. E. Belcher. 2,151,401; Mar. 21.
Toaster, Electric. J. J. Gough. 2,177,177; Oct. 24.
Toaster, Electric. H. Hamel. 2,182,229; Dec. 5.
Toaster, Electric. G. Lavenburg. Re. 21,060; Apr. 25.
Toaster, Electric. G. Lavenburg. 2,151,705; Mar. 28.
Toaster, Electric. H. R. Mitchell. 2,151,790; Mar. 28.
Toaster, Electric. O. M. Anderson and N. T. Almquist. 2,155,852; Apr. 25.
Toaster for electric ranges. H. Strause. 2,155,623; Apr. 25.
Toaster, Marshmallow. C. A. Lewis. 2,183,938; Dec. 19.
Toaster with removable heating element, Electric. E. J. Ricard. 2,181,204; Nov. 28.
Toasting apparatus. A. C. Goddard. 2,151,695; Mar. 28.
Toasting machine. K. E. Bemis. 2,160,351; May 30.
Toasting machine. B. Weil. 2,170,170; Aug. 22.
Toasting machine. L. E. Padelford and J. J. Ambrose. 2,152,913; Apr. 4.
Tobacco, Apparatus and method for cleaning. L. R. Kersey. 2,152,965; Apr. 4.
Tobacco, Apparatus for comminuting and classifying. O. E. Eissmann. 2,163,833; June 27.
Tobacco, Apparatus for curing. R. Crane and W. J. Snadecki. 2,182,753; Dec. 5.
Tobacco article making machine. S. Clausen. 2,176,487; Oct. 17.
Tobacco articles, Production of. G. Davidson. Re. 20,991; Jan. 31.
Tobacco articles, Production of. G. Davidson. Re. 21,007; Feb. 21.
Tobacco, Bleaching. H. Baier. 2,147,147; Feb. 21.
Tobacco, Bleaching. H. Baier. 2,170,107; Aug. 22.
Tobacco by fermentation, Improving. J. Moser. 2,149,179; Feb. 28.
Tobacco cartridge. L. M. Gilliam. 2,162,077; June 13.
Tobacco cartridge and making same. S. Deich. 2,158,928; May 16.
Tobacco, Conditioning. R. D. Touton. 2,151,947; Mar. 28.
Tobacco, Conditioning. R. D. Touton. 2,153,442; Apr. 4.
Tobacco container. W. D. Leo. 2,147,849; Feb. 21.
Tobacco container. W. S. Luckett. 2,176,912; Oct. 24.
Tobacco cultivating implement. W. E. Knight, Jr. 2,180,150; Nov. 14.
Tobacco feed for cigarette machines. J. W. Leary. 2,175,404; Oct. 10.
Tobacco feeding apparatus. W. E. Molins and S. A. Nichols. 2,150,607; Mar. 14.
Tobacco handling and preparing. R. E. Rundell. 2,179,644; Nov. 14.
Tobacco leaf cutting machine. H. W. Langrish. 2,157,457; May 9.
Tobacco leaf feed. R. E. Rundell and J. A. Neumair. 2,159,404; May 23.
Tobacco leaf stemmer. R. E. Rundell. 2,176,511; Oct. 17.
Tobacco leaves, Device for disintegrating. R. Dahlstrom and B. Rothelius. 2,150,493; Mar. 14.
Tobacco leaves, Device for disintegrating. R. Dahlström and B. Rothelius. 2,152,791; Apr. 4.
Tobacco manipulating machine. W. E. Molins. 2,149,924; Mar. 7.
Tobacco mild and the resultant product thereof, Making harsh. A. T. Andrews. 2,158,565; May 16.
Tobacco, Packaging. F. F. Ruau. 2,144,201; Jan. 17.
Tobacco pipe. P. E. Page. 2,158,301; May 16.
Tobacco pipe. W. C. Schwem. 2,169,931; Aug. 15.
Tobacco pipe. B. M. Shoemaker. 2,166,537; July 18.
Tobacco pipe. J. F. Walton. 2,179,533; Nov. 14.
Tobacco preparation, Cigarette. R. E. Rundell. 2,184,567; Dec. 26.
Tobacco, Preparation of cut. A. Podmore. 2,151,527; Mar. 21.
Tobacco product and obtaining the same. M. R. Coe. 2,158,610; May 16.
Tobacco, Redrying of. J. M. Baer. 2,184,275; Dec. 26.
Tobacco rod forming method and means. G. Dearsley and J. Shackleton. 2,169,582; Aug. 15.
Tobacco rod in cigarette-making machines, Regulating the. C. W. Müller. 2,162,443; June 13.
Tobacco smoke purifier. R. B. Sutter. 2,172,946; Sept. 12.
Tobacco smoking pipe. J. C. McMackin. 2,143,129; Jan. 10.
Tobacco sorting and separating machine. O. E. Eissmann. 2,173,087; Sept. 19.
Tobacco spreader for cigarette-making machines. P. J. Herrmann. 2,153,982; Apr. 11.
Tobacco stemming. W. B. Bronander. 2,165,217; July 11.
Tobacco stemming machine construction. R. E. Rundell. 2,152,668; Apr. 4.
Tobacco to cigarette making or tobacco-packaging machines, Method of and apparatus for feeding. W. E. Molins. 2,149,925; Mar. 7.
Tobacco, Treating. F. A. Knox. 2,145,266; Jan. 31.
Toeboard. F. E. Austin. 2,180,384; Nov. 21.
Toe iron. T. Elliott. 2,152,181; Mar. 28.
Toe pad. A. L. Schenk. 2,163,012; June 20.
Toe protector. J. A. Toner. 2,183,701; Dec. 19.
Toe rest for shoe machines. A. R. Hubbard. 2,160,868; June 6.
Toe softener. C. E. Martin. 2,182,541; Dec. 5.
Toe spring correction attachment for last lathes. G. Clausing. 2,154,726; Apr. 18.
Togging machine. C. H. Maiben. 2,160,552; May 30.
Toggle clamp. W. C. Weston. 2,165,322; July 11.
Toggle joint cut-out switch, Automatic. W. Sattler. 2,148,880; Feb. 28.
Toggle lever device for washing machines. R. S. Blough. 2,177,052; Oct. 24.
Toggle switch. M. A. Pastrick. 2,153,479; Apr. 4.
Toilet. J. G. Bruzenak. 2,182,979–80; Dec. 12.
Toilet. J. F. Wolpert. 2,146,322; Feb. 7.
Toilet appliance. G. E. McLoughlin. 2,184,722; Dec. 26.
Toilet article, Combination. H. L. Payson. 2,168,804; Aug. 8.
Toilet cabinet. H. I. Stiller. 2,183,897; Dec. 19.
Toilet cream dispenser. A. Papini. 2,172,517; Sept. 12.
Toilet, Marine. C. E. Pearson. 2,172,292; Sept. 5.
Toilet paper holder. J. H. Wilson. 2,152,426; Mar. 28.
Toilet seat. H. W. Romanoff. 2,185,169; Dec. 26.
Toilet seat cover dispenser. J. H. Shelley. 2,153,279; Apr. 4.
Toilet seat cover dispenser bracket. W. G. Lemmon and A. Stowers. 2,174,889; Oct. 3.
Toilet seat, Sanitary. C. P. Crawford. 2,160,100; May 30.
Toilet sheet. W. Giese. 2,169,415; Aug. 15.
Toilet, Water saving. A. T. Beaver. 2,154,259; Apr. 11.
Token dispenser. T. G. Bogress. 2,158,608; May 16.
Token or coin handling apparatus. E. Goodman. 2,183,611; Dec. 19.
Tomato and fruit peeling machine. V. Carpentieri. 2,164,384; July 4.
Tomato lug filler. A. H. Hinman. 2,168,100; Aug. 1.
Tomato products, Apparatus for preparing concentrated. A. Mallard. 2,148,826; Feb. 28.
Tone-and-color synthesis in color photography. F. G. Yanes. 2,173,490; Sept. 19.
Tone control. A. C. Miller. 2,181,817; Nov. 28.
Tone control system, Automatic. M. A. McLennan. 2,148,030; Feb. 21.
Tone generator. G. R. Stibitz. 2,179,237; Nov. 7.
Tone modifying apparatus. A. Fuschi. 2,142,391, Jan. 3.
Tone production for the generation of musical tone qualities, Harmonic. W. E. Kock. 2,148,478; Feb. 28.
Tone-signaling and impulsing, System of. R. Trechciński. 2,153,654; Apr. 11.
Tong, Spinning. E. L. Gallagher. 2,144,967; Jan. 24.
Tongs. T. W. C. Elving. 2,176,333; Oct. 17.

Tongs, Animal. W. R. Jenkins. 2,183,480; Dec. 12.
Tongs, Arm and plate. E. Scharpenberg. 2,142,214; Jan. 3.
Tongs, Electric welding. C. G. Thibodeau. 2,178,292; Oct. 31.
Tongs for handling glassware. F. W. Duhan. 2,176,251; Oct. 17.
Tongs, Ice. D. Henderson. 2,177,038; Oct. 24.
Tongs, Pick-up. O. T. Rankin. 2,155,365; Apr. 18.
Tongs, Pipe. F. W. Harris. 2,162,216; June 13.
Tongs, Pipe. G. L. Speck. 2,150,611; Mar. 14.
Tongs, Spinning. J. C. Aycock. 2,154,145; Apr. 11.
Tongs, Spinning rope pipe. R. H. Jackson. 2,157,338; May 9.
Tongs, Tie elevating. C. F. Packer. 2,156,735; May 2.
Tongue protector. A. S. Hartanov. 2,155,710; Apr. 25.
Tongue protector. H. H. McKee. 2,168,713; Aug. 8.
Tongue protector. H. A. Reece. 2,168,716; Aug. 8.
Tongue protector. G. Terry. 2,155,743; Apr. 25.
Tongue protector. A. S. Hartanov and C. L. Lohner. 2,168,709; Aug. 8.
Tongue protector. C. L. Lohner and H. H. McKee. 2,168,712; Aug. 8.
Tongue protector and extractor therefor. E. R. Bursick. 2,168,728; Aug. 8.
Tongue protector, Animal-carcass. L. J. Cook. 2,168,731; Aug. 8.
Tongue protector method. A. S. Hartanov and C. L. Lohner. 2,155,799; Apr. 25.
Tonic, Hair. D. and A. Caimi. 2,158,791; May 16.
Toning and intensifying solutions. K. C. D. Hickman and J. C. Hecker. 2,158,185–6; May 16.

Tool: *See—*
Abrading tool.
Abrasive tool.
Assembling tool.
Banding tool.
Bearingizing tool.
Bending tool.
Boring tool.
Branding tool.
Broaching tool.
Can handling tool.
Car coupling tool.
Carpenter's tool.
Centering tool.
Clip applying tool.
Clothes manipulating tool.
Combination drafting tool.
Convertible tool.
Crankshaft truing tool.
Crushing tool.
Cutting tool.
Deck laying tool.
Deflecting tool.
Drafting tool.
Drilling tool.
Driving tool.
Electric surfacing tool.
Electrically heated tool.
Electrician's tool.
Fence tool.
Ferrule expanding tool.
Finishing tool.
Finishing and severing tool.
Fish-scaling tool.
Fishing tool.
Flaring tool.
Forming tool.
Forming and finishing tool.
Garden tool.
Gear generating tool.
General utility tool.
Glass grinding tool.
Grinding tool.
Grommet securing tool.
Hair dressing and curling tool.
Hair dressing tool.
Hand tool.
Hide or skin dressing tool.
Hole forming tool.
Hole sizing tool.
Honing tool.
Hydraulic setting tool.
Illuminated hand tool.
Impact tool.
Inserting tool.
Internal combustion tool.
Jar cap tool.
Jarring tool.
Lapping or abrading tool.
Lawn and garden tool.
Lawn trimming tool.
Machine tool.
Metal cutting tool.
Multiple spindle machine tool.
Oil well tool.
Patch-making tool.
Percussion tool.
Plugging tool.
Pneumatic fender tool.
Pneumatic percussion tool.
Pneumatic tool.
Portable electric tool.
Portable electrically heated tool.
Portable tool.
Power driven tool.
Power tool.
Radius cutting tool.
Riveting tool.
Road tool.
Roll handling tool.
Roof seaming tool.
Rotary impact tool.
Rotary tool.
Saw-filing tool.
Scraper tool.
Sealing tool
Seam preparation tool.
Setting and cementing tool.
Sewer cleaning tool.
Shaping tool.
Slitting tool.
Soldering tool.
Spark adjusting tool.
Speedometer cable lubrication tool.
Spinning tool.
Squaring and beveling tool.
Squeegee cleaning tool.
Stoneworking tool.
Straightening tool.
Strap joint forming tool.
Suction cleaning tool.
Tensioning tool.
Testing tool.
Thread cutting tool.
Threading tool.
Tire contracting tool.
Tire grooving tool.
Tire removing tool.
Tire shaping tool.
Tire tool.
Tube cutting tool.
Tube flaring tool.
Tube forming tool.
Tube joint tool.
Utility tool.
Valve grinding tool.
Valve refacing tool.
Valve stem grinding tool.
Vegetable slicing and stringing tool.
Well bore enlarging tool.
Well drilling and reaming tool.
Well fishing tool.
Well flow and test tool.
Well reaming tool.
Well tool.
Wire bending and clenching tool.
Wire cable connector tool.
Wire splicing tool.
Wire stripper hand tool.
Wire wrapping tool.

Tool. H. L. Brenner. 2,166,089; July 11.
Tool. J. M. Christman. 2,153,236; Apr. 4.
Tool. J. M. Christman. 2,164,572–4; July 4.
Tool. E. C. Furrer. 2,161,152; June 6.
Tool. J. R. Haas. 2,168,405; Aug. 8.
Tool. J. S. Houston. 2,161,227; June 6.
Tool. R. Lack. 2,164,825; July 4.
Tool. A. Landy. 2,176,404; Oct. 17.
Tool. J. M. Luers. 2,176,265; Oct. 17.
Tool. I. C. McKechnie and R. A. Pattison. 2,162,819; June 20.
Tool. H. Saucke. 2,158,866; May 16.
Tool. A. H. Tinnerman. 2,177,231; Oct. 24.
Tool. G. A. Tinnerman. 2,177,232; Oct. 24.
Tool. L. E. Warnock. 2,159,918; May 23.
Tool alloy, Hard metal. P. Schwarzkopf. 2,170,432; Aug. 22.
Tool and casing, Portable electric. A. G. Decker. 2,155,082; Apr. 18.
Tool and gauge, Saw filing. M. Svet. 2,162,037; June 13.
Tool and holder, Cutting. H. A. Ortegren. 2,165,571; July 11.
Tool and holder therefor, Retractable. R. B. Criddle. 2,179,573; Nov. 14.
Tool and hydraulic operating mechanism therefor, Machine. C. R. Alden. 2,158,060; May 16.
Tool assembly, Cutting. C. A. West. 2,169,482; Aug. 15.
Tool bar construction. S. E. Lacey. 2,156,567; May 2.
Tool-carrying slide of high-speed notching machines. H. Müller. 2,146,086; Feb. 7.
Tool chuck, Machine. L. E. Godfriaux. 2,158,058; May 16.
Tool driving mechanism, Machine. J. R. Johnson. 2,153,567; Apr. 11.
Tool feed, Hydrostatic. F. A. Wagner. 2,152,293; Mar. 28.
Tool feed mechanism for lathes. W. F. Groene. 2,148,293; Feb. 21.
Tool for applying emergency chains to automobile tires. J. C. Bishop. 2,155,466; Apr. 25.
Tool for applying split clamping rings to containers. H. A. Eggerss. 2,184,921; Dec. 26.
Tool for bar stock, Machine. E. Nädelin. 2,167,308; July 25.
Tool for blind slats, Cleaning. A. A. Breuer. 2,178,849; Nov. 7.
Tool for cutting or turning. A. J. Berg and J. O. Huse. 2,164,303; July 4.
Tool for drill stems, Fishing. J. T. Ashcraft. 2,158,814; May 16.
Tool for drilling ceramic materials. L. Poletis. 2,174,389; Sept. 26.
Tool for grinding wheels, Truing. W. Stadelbauer. 2,151,572; Mar. 21.
Tool for handling congealed materials. S. L. Kelly. 2,160,023; May 30.
Tool for lathes, Combined turning and broaching. W. F. Groene. 2,173,609; Sept. 19.
Tool for lathes or the like, Turning. M. E. Lange and J. R. Longstreet. 2,158,798; May 16.
Tool for marking linoleum and the like. W. A. Fanning. 2,176,733; Oct. 17.
Tool for miter fasteners, Driving. A. C. Heyser. 2,154,747; Apr. 18.
Tool for refacing valve seats. R. G. Smith. 2,168,753; Aug. 8.
Tool for separating steel sheets. E. E. Whitmer. 2,174,646; Oct. 3.
Tool for sharpening lawn mowers. E. A. Reid. 2,170,463; Aug. 22.
Tool for stuffing boxes and the like, Facing. C. Wiessner. 2,157,375; May 9.
Tool for the manufacture of container caps of sheet metal. A. J. Jonsson. 2,148,906; Feb. 28.
Tool for tube forming machines, Forming. C. L. and S. L. Dewey. 2,162,328; June 13.
Tool for tubular grounding rods, Driving. H. C. Daniels. 2,147,829; Feb. 21.
Tool for working tubing. G. W. Haury. 2,147,032; Feb. 14.
Tool guiding apparatus, Abrasive. H. Morrison. 2,181,604; Nov. 28.
Tool handle. F. W. Peters. 2,158,728; May 16.
Tool handle. B. M. Hiatt and A. P. Albrecht. 2,173,942; Sept. 26.
Tool handle, Identifying. G. J. Padulo. 2,175,481; Oct. 10.
Tool having identification insignia. T. L. Hedgpeth. 2,161,163; June 6.
Tool holder. D. S. Anthony. 2,149,038; Feb. 28.
Tool holder. R. H. Bergström. 2,150,959; Mar. 21.
Tool holder. N. P. Darash. 2,154,496; Apr. 18.
Tool holder. J. E. Flaker. 2,151,379; Mar. 21.
Tool holder. A. C. Nielsen. 2,171,802; Sept. 5.
Tool holder. O. N. Rikof. 2,160,369; May 30.
Tool holder. S. Speckert. 2,155,337; Apr. 18.
Tool holder. B. F. Rosenberg and J. A. Scully. 2,182,411; Dec. 5.
Tool holder, Machine. W. I. Senger. 2,148,779; Feb. 28.
Tool-holding device. J. T. Hiscock. 2,170,590; Aug. 22.
Tool holding device. D. H. Montgomery and G. A. Cardell. 2,174,860; Oct. 3.
Tool holding fixture, Rotary. G. R. Scott. 2,153,898; Apr. 11.

Tool in a well, Means to orient a. J. C. Hewitt, Jr. and V. E. Kuster. 2,144,061; Jan. 17.
Tool joint and making same. F. C. Gignoux. 2,161,568; June 6.
Tool, Manufacturing a shaving. J. Bruecker. 2,182,067; Dec. 5.
Tool mechanism for gear cutting machines. M. H. Johanson and A. E. Clark. 2,148,072; Feb. 21.
Tool mounting. J. B. Bradshaw. 2,161,665; June 6.
Tool post and holder. J. R. Jackson. 2,168,162; Aug. 1.
Tool protector. T. Maxwell. 2,177,531; Oct. 24.
Tool retainer. E. B. Lear. 2,158,190; May 16.
Tool retainer for portable power driven tools. O. P. Wodack and H. M. Zschau. 2,154,651; Apr. 18.
Tool-shaping template. J. A. St. Clair. 2,169,398; Aug. 15.
Tool sharpening and work holder, Universal. C. C. Chartier. 2,152,729; Apr. 4.
Tool speed control, Machine. K. R. Herman and H. F. Vickers. 2,150,032; Mar. 7.
Tool spindle for engraving and copying machines. K. Zwick. 2,178,130; Oct. 31.
Tool spinner for well drilling. W. H. Dumble. 2,182,374; Dec. 5.
Tool stand. G. O. Kaasa. 2,160,311; May 30.
Tool transmission and control, Machine. G. C. Holmes. 2,176,737; Oct. 17.
Tool transmission and control, Machine. W. I. Senger. 2,151,808; Mar. 28.
Tool unit with feeding mechanism, Machine. E. J. Kingsbury. 2,160,217; May 30.
Tool with feeding mechanism, Machine. B. N. Foster and E. J. Kingsbury. 2,167,401; July 25.
Tool with handle. G. C. Wharton. 2,143,725; Jan. 10.
Tool with hydraulic copying device, Machine. H. Brandenberger. 2,169,135; Aug. 8.
Tools, Apparatus for manufacturing diamond cutting. R. H. Taylor. 2,174,904; Oct. 3.
Tools, Backlash-eliminating mechanism for machine. F. S. Haas. 2,163,836; June 27.
Tools, Constructing gear finishing. J. C. Drader. 2,164,642; July 4.
Tools in a well, Means to orient. J. C. Hewitt, Jr., and V. E. Kuster. 2,154,162; Apr. 11.
Tools, Making form. J. Edgar. 2,181,396; Nov. 28.
Tools, Manufacturing cutting. W. P. Cottrell. 2,184,776; Dec. 26.
Tools, Method and device for relieving spirally grooved screw groove milling. A. Rickenmann. 2,145,202; Jan. 24.
Tools, Tripping and setting. R. N. Scott. 2,178,999; Nov. 7.
Tooth, Adjustable scarifier. J. R. Godfrey. 2,160,964; June 6.
Tooth aligning device. O. F. Bauer. 2,150,313; Mar. 14.
Tooth and gum massager, and exerciser. E. O. Love and E. J. Molitor. 2,148,483; Feb. 28.
Tooth and mouth cleaning implement. W. H. Doyle. 2,146,290; Feb. 7.
Tooth, Artificial. H. W. Hankinson. 2,168,953; Aug. 8.
Tooth brush. M. Dadian. 2,169,581; Aug. 15.
Tooth brush. S. F. Fitzgerald. 2,153,554; Apr. 11.
Tooth brush. G. E. Hadden. 2,161,349; June 6.
Tooth brush. J. Kilburg. 2,149,890; Mar. 7.
Tooth brush. B. M. Levin and I. Fleischmann. 2,167,761; Aug. 1.
Tooth brush. L. H. Orebaugh. 2,175,278; Oct. 10.
Tooth brush. H. C. Peterson. 2,154,352; Apr. 11.
Tooth brush. G. Romani y Robert. 2,172,624; Sept. 12.
Tooth brush. C. H. Seifert. 2,159,295; May 23.
Tooth brush. A. G. Stall. 2,175,487; Oct. 10.
Tooth brush. L. Steiner. 2,175,975; Oct. 10.
Tooth brush. M. Strasser. 2,168,964; Aug. 8.
Tooth brush. J. H. Tepper. 2,146,455; Feb. 7.
Tooth brush. R. L. Tweedale. 2,159,914; May 23.
Tooth brush. W. G. Wolf. 2,163,211; June 20.
Toothbrush and making the same. W. E. Hill and C. L. McArthur. Re. 21,197; Sept. 5.
Tooth brush and masseur, Combined. R. B. Davids. 2,160,835–6; June 6.
Tooth brush and paste container. J. Hackert. 2,177,455; Oct. 24.
Tooth brush and sipper, Combination. J. Kohn. 2,154,209; Apr. 11.
Tooth-brush appliance. F. Van der Werth. 2,172,600; Sept. 12.
Tooth brush attachment. P. A. Holmes. 2,144,408; Jan. 17.
Tooth brush cabinet, Illuminating. F. W. Peake. 2,180,213; Nov. 14.
Tooth brush, Dentifrice containing and dispensing. P. H. Seibel. 2,162,447; June 13.
Tooth brush, Double action. P. M. Axline. 2,149,950; Mar. 7.
Tooth brush, Electric. B. Doran. 2,179,402; Nov. 7.
Tooth brush holder. O. L. Thompson. 2,177,504; Oct. 24.
Tooth brush, Mechanical. M. Schloss. 2,184,850; Dec. 26.
Tooth brush, Motor operated. R. H. Baker and D. G. Bishop. 2,158,738; May 16.
Tooth brush, Motorized fountain-type. T. B. Oliver. 2,150,842; Mar. 14.
Tooth brush or the like, Power driven rotary. J. A. Thommes. 2,183,415; Dec. 12.
Tooth brush protector. B. Berman. 2,154,486; Apr. 18.
Tooth brush retainer. B. and J. Oshman. 2,157,862; May 9.
Tooth brush retainer. B. and J. Oshman. 2,162,283; June 13.
Tooth brush, Rotary. G. F. W. King. 2,171,308; Aug. 29.
Tooth brush, Round pointed. I. Sekine. 2,155,245; Apr. 18.
Tooth cleaning element. C. H. Seifert. 2,165,420; July 11.
Tooth cleaning pad, Sanitary. R. D. Larkin. 2,176,308; Oct. 17.
Tooth cutter, Inserted. W. E. Parish. 2,164,620; July 4.
Tooth-extracting implement. B. B. Machat. 2,172,478; Sept. 12.
Tooth filling. W. G. Turner. 2,178,821; Nov. 7.
Tooth paste or shaving cream dispenser. A. R. Kach. 2,179,012; Nov. 7.
Toothpick dispenser. B. G., G. E., and M. H. Velin. 2,178,944; Nov. 7.
Tooth-point construction. J. W. Page. 2,167,425; July 25.
Tooth, Pontic. W. C. Whittemore. 2,151,542; Mar. 21.
Tooth powder dispenser. L. Bethke. 2,180,389; Nov. 21.
Toothpowder dispensing device. A. A. Anthony. 2,170,182; Aug. 22.
Tooth rest. G. J. Thomas. 2,156,034; Apr. 25.
Tooth restoration and anchorage and forming same. L. E. Trinkle. 2,151,723; Mar. 28.
Tooth structures, Making shell-like porcelain. R. W. Erdle. 2,165,466; July 11.
Toothed elements, Apparatus for lapping. H. L. Barter. 2,165,329; July 11.
Top, Can. J. F. Peckham. 2,149,308; Mar. 7.
Top-cementing plug. Z. A. Dyer. 2,167,747; Aug. 1.
Top cementing plug. N. W. Wickersham. 2,165,433; July 11.
Top, Condiment shaker. M. C. T. Lewis. 2,155,606; Apr. 25.
Top construction. J. W. Park. 2,171,046; Aug. 29.
Top, Cooler. F. T. Powers. 2,148,276; Feb. 21.
Top, Double spinning. A. Begood. 2,142,299; Jan. 3.
Top edge treating machine. W. P. Osgood. 2,162,965; June 20.
Top for big-end-down ingot molds, Hot. W. M. Charman. 2,147,147; Feb. 14.
Top for camera stands, Reversible. G. Matrat. 2,166,258; July 18.
Top for containers, Dispensing. W. G. Bursnall. 2,181,045; Nov. 21.
Top for merchandising tables, Perforated. J. E. Bales. 2,148,892; Feb. 28.
Top for paper boxes, Die cut lock. W. V. Crook. 2,155,530; Apr. 25.
Top for soaking pits, Removable. W. T. Dean. 2,159,844; May 23.
Top for soaking pits, Removable. W. T. Dean. 2,163,727; June 27.
Top for spice tins. J. L. Jones. 2,167,574; July 25.
Top for vehicle bodies, Convertible. A. H. Haberstump. 2,162,347; June 13.
Top, Milk bottle. F. W. Geyer. 2,184,215; Dec. 19.
Top, Self-closing. R. D. Evers. 2,176,395; Oct. 17.
Top, Spinning. E. S. Savage. 2,177,878; Oct. 31.
Topsoil, Conservation and preservation of. J. F. Timberlake. 2,158,952; May 16.
Topstitching, Producing. V. J. Sigoda. 2,172,569; Sept. 12.
Topper, Beet. O. J. Hallberg. 2,144,879; Jan. 24.
Torch. S. E. Peters. 2,155,238; Apr. 18.
Torch. G. H. Schmidt. 2,181,156; Nov. 28.
Torch for welding, cutting, and the like. C. R. Richter. 2,157,269; May 9.
Torch, Gas. P. Ruch. 2,151,443; Mar. 21.
Torch, Heating. H. J. Ness. 2,181,095; Nov. 21.
Torch igniting apparatus. L. V. Aronson. 2,152,451; Mar. 28.
Torch or blowpipe, Cutting. C. F. Carroll. 2,170,793; Aug. 29.
Torches, Prevention of explosions and backfire in. C. Mott. 2,164,295; June 27.
Torpedo. J. H. Hammond, Jr. 2,164,916; July 4.
Torpedo. J. R. Holran and E. T. Sednum. 2,163,462; June 20.
Torpedo, Track. H. W. Kelly. 2,162,724; June 20.
Torpedoes, Launching. J. E. Thornycroft. 2,153,285; Apr. 4.
Torque and speed transmission device. O. E. Szekely. 2,151,722; Mar. 28.
Torque balancer, Dynamic. R. Chilton. 2,154,463; July 11.
Torque compensator for airplanes. G. Solomon. 2,167,533; July 25.
Torque controlled clutch. P. H. Farren. 2,163,514; June 20.
Torque converter, Hydraulic. W. Black. 2,166,792; July 18.
Torque converting and transmitting mechanism. R. Lapsley. 2,168,350; Aug. 8.
Torque conveying and converting apparatus. R. B. Aspinwall and T. B. Tyler. 2,183,761; Dec. 19.
Torque in yarn, Apparatus for measuring. J. G. McNally. 2,154,631; Apr. 18.

Torque-indicating wrench. W. C. Kress. 2,167,720; Aug. 1.
Torque limiting device. A. B. De Salardi. 2,164,870; July 4.
Torque measuring wrench. H. W. Zimmerman. 2,144,731; Jan. 24.
Torque measuring wrench. H. W. Zimmermann. 2,151,953; Mar. 28.
Torque measuring wrench. H. W. Zimmerman. 2,169,673; Aug. 15.
Torque measuring wrench. H. W. Zimmerman. 2,171,872; Sept. 5.
Torque-measuring wrench. H. W. Zimmerman. 2,174,356; Sept. 26.
Torque measuring wrench. H. W. Zimmerman. 2,183,633; Dec. 19.
Torque transmitter. J. T. Dickson. 2,175,380; Oct. 10.
Torque transmitting device. J. W. Marsh. 2,166,961; July 25.
Torque release wrench. W. M. Siesel. 2,157,574; May 9.
Torque wrench. A. I. Dunn. 2,159,354; May 23.
Torque wrench. A. I. Dunn. 2,159,373; May 23.
Torsion testing machine. R. Lapsley. 2,157,903; May 9.
Torus cylinder motor, Rotary. C. Bancroft. 2,155,249; Apr. 18.
Totaling mechanism, Automatic sub- and grand-. W. W. Lasker. 2,151,406; Mar. 21.
Totalizer for counting machines. A. Van Veen. 2,175,621; Oct. 10.
Totalizing and recording apparatus. R. R. Chappell and R. B. Colt. 2,150,489; Mar. 14.
Totalizing system. O. C. Levy. 2,182,875; Dec. 12.
Totalizing system. O. C. Levy and A. J. Johnston. 2,179,698; Nov. 14.
Totalizing system, Automatic. A. J. Johnston. 2,167,513; July 25.
Totals for cash registers, Transfer of. W. H. Robertson. 2,178,362; Oct. 31.
Tow and push clamp. D. A. Wight. 2,150,999; Mar. 21.
Towel. B. Osborne. 2,155,441; Apr. 25.
Towel cabinet. M. J. Boex. 2,150,817; Mar. 14.
Towel cabinet. W. L. Sylvester. 2,170,223; Aug. 22.
Towel cabinet. F. Von Schlegell. 2,144,087; Jan. 17.
Towel dispenser. J. C. Perrin and P. L. Geer. 2,155,679; Apr. 25.
Towel dispensing apparatus. R. G. Birr. 2,183,252; Dec. 12.
Towel dispensing apparatus. A. C. Grunwald. 2,149,088; Feb. 28.
Towel dispensing apparatus. F. G. Steiner and R. G. Birr. 2,172,482; Sept. 12.
Towel dispensing cabinet. C. P. Winter. 2,153,113; Apr. 4.
Towel dispensing holder. J. H. Shelley. 2,153,278; Apr. 4.
Towel holding device, Sanitary. S. Toth. 2,177,047; Oct. 24.
Tower, All metal automatic cooling. W. J. Stolzer. 2,154,587; Apr. 18.
Tower and actuating means therefor, Extension. H. E. Dow. 2,175,381; Oct. 10.
Tower, Cooling. S. C. Coey. 2,157,070; May 2.
Tower, Cooling. L. T. Mart. 2,151,481; Mar. 21.
Tower, Electric power transmission. N. B. Obbard. 2,143,612; Jan. 10.
Tower footings, Setting. M. A. Pithoud. 2,163,808; June 27.
Tower member, Steel. C. Bauer. 2,145,232; Jan. 31.
Tower, Spray. R. G. Bowman. 2,182,533; Dec. 5.
Towing device. J. J. Kratfel. 2,174,468; Sept. 26.
Towing device for trucks and the like. H. and W. Randall. 2,152,279; Mar. 28.
Toy. H. D. Allen. 2,176,832; Oct. 17.
Toy. H. D. Allen. 2,180,623; Nov. 21.
Toy. O. Alvistur. 2,152,945; Apr. 4.
Toy. G. Batkin. 2,165,914; July 11.
Toy. S. I. Berger. 2,158,052; May 16.
Toy. F. Bischof. 2,165,833; July 11.
Toy. R. A. Brinkman. 2,158,740; May 16.
Toy. G. W. Clanton. 2,167,937; Aug. 1.
Toy. M. P. Exline. 2,184,639; Dec. 26.
Toy. N. Fulton. 2,177,211; Oct. 24.
Toy. A. W. Gard. 2,152,542; Mar. 28.
Toy. B. Hamblet. 2,172,937; Sept. 12.
Toy. K. P. Hogan. 2,148,374; Feb. 21.
Toy. J. Hojnowski. 2,149,677; Mar. 7.
Toy. A. Lapointe. 2,184,459; Dec. 26.
Toy. F. H. Pierce. 2,159,817; May 23.
Toy. B. Richter. 2,144,933; Jan. 24.
Toy. S. S. Schmidt. 2,169,710; Aug. 15.
Toy. F. H. Schulenberg. 2,158,432; May 16.
Toy. D. Silvette. 2,181,589; Nov. 28.
Toy. E. Spritzer. 2,158,639; May 16.
Toy. J. H. Wilhelm. 2,147,181; Feb. 14.
Toy, Action. H. G. Fisher. 2,147,600; Feb. 14.
Toy, Action. W. O. Yancey. 2,154,297; Apr. 11.
Toy advertising device, Combined. N. Fulton. 2,155,788; Apr. 25.
Toy aerial. A. E. Almgren. 2,178,551; Nov. 7.
Toy, Aerial. W. O. Clark and L. W. Finch and C. W. Rose. 2,145,972; Feb. 7.
Toy aircraft. J. L. Bonanno. 2,159,963; May 30.
Toy Aircraft. S. C. Ogsbury, C. Barron, and I. R. Park. 2,182,406; Dec. 5.
Toy airplane. J. E. Brubaker. 2,182,913; Dec. 12.
Toy airplane. A. Harb. 2,165,050; July 4.
Toy airplane. J. L. Hunt. 2,166,068; July 11.
Toy airplane. W. Kramer. 2,182,591; Dec. 5.
Toy airplane. I. E. Meagher, Jr. 2,168,653; Aug. 8.
Toy airplane. T. D. Wildon. 2,163,075; June 20.
Toy airplane construction. E. Bonnell. 2,154,487; Apr. 18.
Toy airplane, Electrical. F. A. Christiansen. 2,149,666; Mar. 7.
Toy airplanes, Device for imparting motion to. J. A. Gibbons. 2,177,709; Oct. 31.
Toy and energizing method therefor, Powered. S. Vetro. 2,164,099; June 27.
Toy animal. M. Pifalo. 2,181,024; Nov. 21.
Toy, Animated. C. E. Bowers. 2,148,010; Feb. 21.
Toy, Animated. J. Villemejane. 2,155,002; Apr. 18.
Toy apparatus. A. Gueydan. 2,167,068; July 25.
Toy archer. D. N. Orlando and J. W. Huber. 2,185,091; Dec. 26.
Toy, Automatic diving. A. D. Ellsworth. 2,168,767; Aug. 8.
Toy balloon. V. Behrend. 2,161,274; June 6.
Toy balloon. G. E. Schoberg. 2,170,539; Aug. 22.
Toy, Blow switch operated. H. Müller. 2,147,949; Feb. 21.
Toy bomb. H. N. Prensky and E. Grieshaber. 2,183,152; Dec. 12.
Toy, Book. C. E. Bracker. 2,183,443; Dec. 12.
Toy building. M. J. Carpenter. 2,152,728; Apr. 4.
Toy building block. E. Bluthardt. 2,147,237; Feb. 14.
Toy catapult. O. L. Koch and D. Elder. 2,144,805; Jan. 24.
Toy, Child's. C. E. Garton. 2,170,616; Aug. 22.
Toy clock dial, Educational. E. M. Pitcher. 2,172,450; Sept. 12.
Toy construction block and interlocking retainer therefor. B. A. Tetzlaff. 2,149,476; Mar. 7.
Toy construction elements. W. R. Benjamin. 2,170,771; Aug. 22.
Toy, Constructional. W. G. Laird. 2,147,373; Feb. 14.
Toy container, Figure. R. M. Brown. 2,144,751; Jan. 24.
Toy drums, Making. R. H. Hiers. 2,165,379; July 11.
Toy elevated or trestle railroad. J. Bonnett. 2,161,276; June 6.
Toy, Exercising. H. J. Marlowe. 2,173,691; Sept. 19.
Toy eye blinker. H. Rubenstein. 2,165,113; July 4.
Toy figure or the like. H. M. Rundle. 2,145,610; Jan. 31.
Toy, Figured. P. R. Price. 2,147,215; Feb. 14.
Toy figures and so forth, Mechanical movement for. H. S. Hyde. 2,158,860; May 16.
Toy, Flying. J. H. Dawson. 2,148,442; Feb. 28.
Toy gun. H. Schmarion. 2,181,952; Dec. 5.
Toy, Gyroscopic. V. F. Wigal. 2,173,031; Sept. 12.
Toy in the form of a soldier throwing a hand-grenade, Mechanical. C. Arnold. 2,151,546; Mar. 21.
Toy jockey. J. C. Rumsey. 2,171,600; Sept. 5.
Toy, Jumping. J. Davis. 2,153,957; Apr. 11.
Toy ladder truck. H. T. Kingsbury. 2,164,460; July 4.
Toy machine gun. F. Stanley. 2,170,221; Aug. 22.
Toy, Mechanical. S. I. Berger. 2,146,050; Feb. 7.
Toy, Mechanical. W. Bold. 2,154,121; Apr. 11.
Toy, Mechanical. F. A. Decker. 2,157,889; May 9.
Toy, Mechanical. J. M. Duarte J. 2,164,313; July 4.
Toy, Mechanical. T. R. Duncan. 2,169,682; Aug. 15.
Toy, Mechanical. H. Schmarion. 2,157,021; May 2.
Toy, Mechanical. F. J. Sonheim. 2,150,465; Mar. 14.
Toy, Mechanically moving. H. Biller. 2,168,788; Aug. 8.
Toy motor vehicle. H. Müller. 2,144,461; Jan. 17.
Toy movies device. A. R. Bunting. 2,154,031; Apr. 11.
Toy, Multiple vehicle. R. J. Lohr. 2,159,974; May 30.
Toy, Musical. S. Weiss. 2,158,445; May 16.
Toy, Paper burster. O. A. Langos. 2,179,662; Nov. 14.
Toy pistol. W. A. Brock. 2,142,300; Jan. 3.
Toy, Power driven vehicle. A. W. Swenson. 2,172,416; Sept. 12.
Toy punching bag. S. and D. Goldberg. 2,143,691; Jan. 10.
Toy railroad coach, Lighted. L. F. and W. W. Kelch. 2,153,983; Apr. 11.
Toy railroads, Siding control and signal for. R. V. King. 2,163,430; June 20.
Toy railway. G. Einfalt. 2,180,405; Nov. 21.
Toy railway. J. W. Holt. 2,154,450; Apr. 18.
Toy railway vehicle, Automatic coupling for. A. Dunhill. 2,178,035; Oct. 31.
Toy railway vehicle, Automatic uncoupling of. A. Dunhill. 2,178,016; Oct. 31.
Toy, Roll-over. W. E. Rexford. 2,182,642; Dec. 5.
Toy, Scissor. W. R. Tuttle and C. W. Stickel. 2,159,060; May 23.
Toy, Siren. J. A. Robles. 2,154,775; Apr. 18.
Toy, Sound-producing. C. V. Glaimo. 2,143,513; Jan. 10.
Toy, Sparking. E. E. McKelge. 2,167,249; July 25.
Toy, Spinning. I. Gertler. 2,161,154; June 6.
Toy steered by remote control, Wheeled. R. Lohr and R. N. Carver. 2,167,245; July 25.
Toy, String-controlled wheeled. R. Lohr. 2,167,246; July 25.
Toy structural material. A. F. Howard. 2,156,155; Apr. 25.
Toy structures, Elements of. A. L. Vogel. 2,176,161; Oct. 17.

Toy, Target. J. Bonnett and A. Schillace. 2,170,850; Aug. 29.
Toy telephone with television effect. H. Bregman. 2,159,839; May 23.
Toy, Track and vehicle. W. E. Rexford and K. Randall. 2,171,634; Sept. 5.
Toy train couplers, Centering device for. N. Rydin. 2,184,103; Dec. 19.
Toy train tie. W. F. Jones. 2,153,625; Apr. 11.
Toy typewriter. H. Bates. 2,166,112; July 18.
Toy typewriter. S. R. Bell. 2,149,264; Mar. 7.
Toy typewriter. S. R. Bell. 2,157,108; May 9.
Toy typewriter. A. E. Oswald. 2,176,096; Oct. 17.
Toy vehicle. F. R. Labin. 2,152,064; Mar. 28.
Toy vehicle. H. Muller. 2,161,971; June 13.
Toy vehicle. C. F. Ruble. 2,177,552; Oct. 24.
Toy vehicle. O. O. Sharp. 2,147,860; Feb. 21.
Toy vehicle. C. G. Wood. 2,146,665; Feb. 7.
Toy, Vehicle and figure. R. J. Lohr. 2,175,845; Oct. 10.
Toy vehicle, Reversing. R. Lohr and R. N. Carver. 2,146,021; Feb. 7.
Toy, Walking animal. R. Sleeseman. 2,168,425; Aug. 8.
Toy weapon. R. Lohr. 2,157,181; May 9.
Toy weapon, Sparking paper rupture. A. N. Smith. 2,168,454; Aug. 8.
Toy, Wheeled acrobatic figure. R. Regenburgh, Sr. 2,158,426; May 16.
Toy with automatic reversal in the opposite direction, Mechanically propelled. H. Müller. 2,149,180; Feb. 28.
Toys, Steering mechanism for. W. E. Barrett. 2,146,708; Feb. 14.
Tracer for duplicating machines. O. E. Rosen. 2,162,491; June 13.
Track aligning device, Railway. H. J. Nijenhuis. 2,143,611; Jan. 10.
Track circuit apparatus, Railway. G. R. Pflasterer. 2,178,287; Oct. 31.
Track construction. Overhead door. J. N. Einung. 2,148,735; Feb. 28.
Track construction, Railroad. J. A. McGrew. 2,168,676; Aug. 8.
Track construction, Railway. R. P. Clarkson. 2,144,608; Jan. 24.
Track construction, Railway. J. A. McGrew. 2,144,413; Jan. 17.
Track for pneumatic-tired vehicles. H. C. Mabie. 2,181,377; Nov. 28.
Track for toy railways. S. Kahn and E. Beyer. 2,143,195; Jan. 10.
Track gauge. M. B. Allen. 2,175,655; Oct. 10.
Track grinding machine. A. W. Mall. 2,148,766; Feb. 28.
Track hanger. R. E. Nelles. 2,175,087; Oct. 3.
Track leveling device for farm tractors. A. E. Sutherland. 2,160,524; May 30.
Track lining gauge. C. E. Funk. 2,142,472; Jan. 3.
Track lubricating apparatus. M. Moore. 2,173,654; Sept. 19.
Track lubricating device, Railway. W. F. Huck. 2,152,696; Apr. 4.
Track, Race. A. W. Molinare. 2,180,476; Nov. 21.
Track, Railroad. W. F. Jones. 2,153,624; Apr. 11.
Track recorder mechanism. N. M. Trapnell. 2,144,946; Jan. 24.
Track shunting apparatus. B. E. O'Hagan. 2,176,639; Oct. 17.
Track shunting apparatus. H. N. Van Aken. 2,172,894; Sept. 12.
Traction attachment for vehicles. H. M. Legoff and M. Lait. 2,154,340; Apr. 11.
Traction chain. E. O. Ashley. 2,146,364; Feb. 7.
Traction device. H. N. Ekbom. 2,167,039; July 25.
Traction device. C. P. Galanot and J. A. Watson, Jr. 2,171,547; Sept. 5.
Traction device. G. E. Krider. 2,154,047; Apr. 11.
Traction device. F. E. Stahl. 2,146,453; Feb. 7.
Traction device for vehicle wheels. S. L. Worthing. 2,174,345; Sept. 26.
Traction fixation appliance for facial bones. C. H. Allen. 2,151,458; Mar. 21.
Traction increasing device. J. W. Logan, Jr. 2,173,944; Sept. 26.
Traction mechanism. G. Maxon, Jr. 2,152,654; Apr. 4.
Traction wheel. P. Chaffin. 2,171,844; Sept. 5.
Traction wheel. C. D. Dillingham. 2,146,175; Feb. 7.
Traction wheel. W. Maxwell. 2,178,105; Oct. 31.
Tractive device for tractors. A. S. Benson. 2,143,403; Jan. 10.
Tractor. D. B. Baker, C. R. Rogers, and W. O. Bechman. 2,146,168; Feb. 7.
Tractor. H. S. Eberhard. 2,150,433; Mar. 14.
Tractor. E. A. Johnston and G. W. Engstrom. 2,166,411; July 18.
Tractor. F. H. Lamb. 2,157,711; May 9.
Tractor. E. McCormick. 2,169,449; Aug. 15.
Tractor. J. H. McCullough. 2,179,159; Nov. 7.
Tractor. E. F. Norelius. 2,171,508; Aug. 29.
Tractor and means for guiding same. I. F. Davidson. 2,171,846; Sept. 5.
Tractor attached implement. G. M. Kriegbaum and C. C. Hass. 2,171,034; Aug. 29.
Tractor attached implement. G. M. Kriegbaum and C. C. Haas. 2,172,980; Sept. 12.
Tractor attachment for wheels. W. E. Hardeman and R. F. Daw. 2,152,476; Mar. 28.
Tractor construction. R. D. Acton. 2,143,726; Jan. 10.
Tractor construction. D. B. Baker. 2,143,727; Jan. 10.
Tractor, Continuous-track. A. W. Herrington. 2,162,198; June 13.
Tractor coupling. J. M. Martin. 2,168,265; Aug. 1.
Tractor cultivator. F. C. Stancil. 2,157,273; May 9.
Tractor cultivator. H. Stuva. 2,181,824; Nov. 28.
Tractor for conduits, Cable. S. Erikson. 2,148,982; Feb. 28.
Tractor frame. F. A. Ostenberg. 2,167,848; Aug. 1.
Tractor guide. L. Salzman. 2,146,095; Feb. 7.
Tractor hitch. V. N. Albertson. 2,155,379; Apr. 25.
Tractor hitch, Safety. E. A. Hilde. 2,151,207; Mar. 21.
Tractor implement. W. S. Graham and J. L. Hipple. 2,171,031; Aug. 29.
Tractor implement, Direct connected. W. S. Graham. 2,172,971; Sept. 12.
Tractor mounted implement. N. F. Andrews. 2,169,909; Aug. 15.
Tractor mounted implement. W. J. Coultas. 2,157,323; May 9.
Tractor mounted implement. M. H. Tuft. 2,150,665; Mar. 14.
Tractor, Overhead. A. D. Saborsky. 2,154,702; Apr. 18.
Tractor-trailer combination. J. D. Huffman and N. H. Wilkinson. 2,146,145; Feb. 7.
Tractor, Walking. H. F. Stock. 2,179,765; Nov. 14.
Tractor wheel. K. Helgeson. 2,155,938; Apr. 25.
Tractor wheel. J. W. Shields. 2,150,107; Mar. 7.
Tractors, Implement attachment for. A. C. Lindgren. and C. W. Mott. 2,156,571; May 2.
Traffic analyzer. C. D. Greentree. 2,181,728; Nov. 28.
Traffic analyzer. F. J. Moles. 2,150,776; Mar. 14.
Traffic control, Grade crossing. J. R. Rinks. 2,169,926; Aug. 15.
Traffic control sign. R. W. Hunter. 2,155,832; Apr. 25.
Traffic control signal. A. P. B. Renshaw and P. B. Botcherby. 2,145,031; Jan. 24.
Traffic control system. A. P. B. Renshaw. 2,170,160; Aug. 22.
Traffic control system. J. O. Shepherd. 2,173,596; Sept. 19.
Traffic control system and apparatus. H. A. Wilcox and J. L. Barker. 2,156,138; Apr. 25.
Traffic control system, Centralized. N. D. Preston. 2,159,567; May 23.
Traffic control system for railroads. F. X. Rees. 2,183,694; Dec. 19.
Traffic control system for railroads, Centralized. D. F. De Long. 2,170,129; Aug. 22.
Traffic controlling apparatus. P. P. Stoker. 2,154,539; Apr. 18.
Traffic controlling apparatus, Railway. E. M. Allen. 2,159,515; May 23.
Traffic controlling apparatus, Railway. C. W. Bell. 2,156,673; May 2.
Traffic controlling apparatus, Railway. P. N. Bossart. 2,160,640; May 30.
Traffic controlling apparatus, Railway. G. A. Culbertson. 2,183,162; Dec. 12.
Traffic controlling apparatus, Railway. C. W. Failor. 2,144,529; Jan. 17.
Traffic controlling apparatus, Railway. C. W. Failor. 2,154,265; Apr. 11.
Traffic controlling apparatus, Railway. C. W. Failor. 2,169,603; Aug. 15.
Traffic controlling apparatus, Railway. C. W. Failor. 2,175,597; Oct. 10.
Traffic controlling apparatus, Railway. R. R. Kemmerer. 2,156,855; May 2.
Traffic controlling apparatus, Railway. C. H. Lay. 2,146,081; Feb. 7.
Traffic controlling apparatus, Railway. L. V. Lewis. 2,152,384; Mar. 28.
Traffic controlling apparatus, Railway. R. A. McCann. 2,156,674; May 2.
Traffic controlling apparatus, Railway. R. A. McCann. 2,156,765–6; May 2.
Traffic controlling apparatus, Railway. F. H. Nicholson. 2,160,894; June 6.
Traffic controlling apparatus, Railway. B. E. O'Hagan. 2,154,282; Apr. 11.
Traffic controlling apparatus, Railway. B. E. O'Hagan. 2,166,316; July 18.
Traffic controlling apparatus, Railway. C. L. Ott. 2,176,273; Oct. 17.
Traffic controlling apparatus, Railway. J. M. Pelikan. 2,162,859; June 20.
Traffic controlling apparatus, Railway. J. M. Pelikan. 2,167,993; Aug. 1.
Traffic controlling apparatus, Railway. M. A. Penrod. 2,169,615; Aug. 15.
Traffic controlling apparatus, Railway. G. R. Pflasterer. 2,172,014; Sept. 5.
Traffic controlling apparatus, Railway. A. J. Sorensen. 2,164,668; July 4.
Traffic controlling apparatus, Railway. H. A. Thompson. Re. 21,054; Apr. 18.
Traffic controlling apparatus, Railway. H. A. Thompson. 2,162,393; June 13.
Traffic controlling apparatus, Railway. H. A. Thompson. 2,171,771; Sept. 5.

Traffic controlling apparatus, Railway. H. A. Thompson and R. R. Kemmerer. 2,175,722; Oct. 10.
Traffic controlling apparatus, Railway. J. J. Vanhorn. 2,151,061; Mar. 21.
Traffic controlling apparatus, Railway. H. S. Young. 2,156,675; May 2.
Traffic controlling apparatus, Railway. H. S. Young. 2,179,462; Nov. 7.
Traffic controlling system for railroads. A. R. Whitehorn. 2,166,083; July 11.
Traffic controlling system for railroads, Centralized. F. W. Brixner. 2,176,040; Oct. 10.
Traffic controlling system for railroads, Centralized. W. D. Hailes. 2,153,518; Apr. 4.
Traffic controlling system for railroads, Centralized. W. D. Hailes, and D. F. De Long. 2,170,141; Aug. 22.
Traffic controlling system for railroads, Centralized. W. D. Hailes. 2,184,696; Dec. 26.
Traffic controlling system for railroads, Centralized. W. K. Howe. 2,153,520; Apr. 4.
Traffic controlling system for railroads, Centralized. T. J. Judge. 2,145,795; Jan. 31.
Traffic controlling system for railroads, Centralized. T. J. Judge. 2,155,554; Apr. 25.
Traffic controlling system for railroads, Centralized. T. J. Judge. 2,156,042; Apr. 25.
Traffic controlling system for railroads, Centralized. A. Langdon. 2,149,222; Feb. 28.
Traffic controlling system for railroads, Centralized. R. M. Phinney. 2,157,864; May 9.
Traffic controlling system for railroads, Centralized. W. T. Powell. 2,174,291; Sept. 26.
Traffic controlling system for railroads, Centralized N. D. Preston. Re. 21,086; May 16.
Traffic controlling system for railroads, Centralized. N. D. Preston. 2,169,480; Aug. 15.
Traffic controlling system for railroads, Centralized. N. D. Preston and C. S. Bushnell. 2,155,561; Apr. 25
Traffic controlling system for railroads, Centralized. R. D. Preston. 2,166,178; July 18.
Traffic controlling system for railroads, Centralized. R. F. Wells. 2,159,922; May 23.
Traffic controlling system for railroads, Centralized. R. F. Wells. 2,166,189; July 18.
Traffic controlling system, Railway. W. K. Howe. 2,163,881; June 27.
Traffic detector. B. W. Jones. 2,149,998; Mar. 7.
Traffic indicating device, Directional. S. W. Levitan. 2,147,982; Feb. 21.
Traffic registering mechanism. C. D. Cutler. 2,161,896; June 13.
Traffic responsive device. C. D. Geer and J. L. Biach. 2,173,089; Sept. 19.
Traffic signal. P. P. Horni. 2,144,536; Jan. 17.
Traffic signal. F. C. Pfeil. 2,143,899; Jan. 17.
Traffic signal, Automobile. E. L. Whenham. 2,158,973; May 16.
Traffic-signal controller. B. W. Jones. 2,164,177; June 27.
Traffic-signal light. M. O. Speir. 2,168,831; Aug. 8.
Traffic signal, Portable. A. S. Fonda. 2,167,564; July 25.
Traffic warning device. P. Nielsen. 2,166,821; July 18.
Trafficway, Dual. J. B. Strauss. 2,161,106; June 6.
Trail builder. J. M. Corbett. 2,173,158; Sept. 19.
Trail builder, bulldozer and the like. C. Le Bleu. 2,160,596; May 30.
Trailbuilder, bulldozer, and the like. C. Le Bleu. 2,184,688; Dec. 26.
Trail finder. M. F. Ziehm. 2,154,714; Apr. 18.
Trailer. C. J. Anderson and J. C. McKee. 2,168,661; Aug. 8.
Trailer. C. J. Bock. 2,179,708; Nov. 14.
Trailer. A. D. Carpenter. 2,179,586; Nov. 14.
Trailer. H. Goeddertz. 2,154,810; Apr. 18.
Trailer. J. B. Jarmin and T. P. Moore. 2,173,277; Sept. 19.
Trailer. F. E. Johnson. 2,179,410; Nov. 7.
Trailer. R. Koets. 2,148,270; Feb. 21.
Trailer. W. J. Miller. 2,168,069; Aug. 1.
Trailer. H. A. Munger. 2,154,467; Apr. 18.
Trailer. P. H. Raven. 2,151,870; Mar. 28.
Trailer. G. E. Richards. 2,174,063; Sept. 26.
Trailer. W. L. Taylor. 2,154,365; Apr. 11.
Trailer, Automobile. A. K. Stewart. 2,152,713; Apr. 4.
Trailer-boat, Convertible. J. Pinter, Sr., and J. Pinter, Jr. 2,157,186; May 9.
Trailer brake. R. Hinton. 2,155,547; Apr. 25.
Trailer, Collapsible auto. F. F. Kors. 2,182,967; Dec. 12.
Trailer construction. C. F. Jones. 2,154,129; Apr. 11.
Trailer construction. J. E. Owen. 2,159,671; May 23.
Trailer construction. J. B. Sword. 2,150,615; Mar. 14.
Trailer construction, Automatic. J. B. McCalley. 2,166,846; July 18.
Trailer control. C. J. Mersereau. 2,159,395; May 23.
Trailer coupling. H. L. Baker. 2,160,815; June 6.
Trailer coupling. W. E. Miller. 2,178,726; Nov. 7.
Trailer crane. J. Thomason and R. Arnett. 2,180,621; Nov. 21.
Trailer draft connection. H. G. Shaughnessy. 2,169,299; Aug. 15.
Trailer draft rigging. D. D. Arehart. 2,176,878; Oct. 24.
Trailer, Dump. A. Feigelson. 2,182,077; Dec. 5.
Trailer dumping apparatus. A. H. Kirksey. 2,166,722; July 18.
Trailer, Folding. C. L. Bond. 2,155,582; Apr. 25.
Trailer, Folding. S. Silverstein. 2,169,076; Aug. 8.
Trailer for motor vehicles. C. F. Davey. 2,168,062; Aug. 1.
Trailer hitch. J. C. McKee. 2,142,365; Jan. 3.
Trailer hitch. A. Paul, Jr. 2,162,029; June 13.
Trailer hitch. G. Solomon. 2,150,010; Mar. 7.
Trailer hitch and brake. F. J. Bradley. 2,166,738; July 18.
Trailer hitch and frame. D. S. Kalb. 2,150,066; Mar. 7.
Trailer hitching. H. S. Jandus and H. L. Brooke. 2,151,920; Mar. 28.
Trailer, Hopper. J. D. McVicker. 2,162,353; June 13.
Trailer implement. H. L. and A. Rosenthal. 2,184,084; Dec. 19.
Trailer, Motor vehicle. D. D. Arehart. 2,168,147; Aug. 1.
Trailer or truck chassis and body. J. J. Black. 2,151,633; Mar. 21.
Trailer, Riding. J. J. and B. F. Meagher. 2,144,806; Jan. 24.
Trailer steering mechanism. A. W. Patty. 2,174,136; Sept. 26.
Trailer support. E. L. Wiedman. 2,144,303; Jan. 17.
Trailer support operating means. H. W. Helms and J. W. Menhall. 2,146,955; Feb. 14.
Trailer support, Retractable. F. M. Reid. 2,150,701; Mar. 14.
Trailer tongue. F. G. Graves. 2,142,749; Jan. 3.
Trailer tongue supporting jack. W. N. Loughmiller. 2,153,722; Apr. 11.
Trailer transport vehicle. E. J. Dondlinger. 2,146,567; Feb. 7.
Train, Articulated. E. L. Groff. 2,184,298; Dec. 26.
Train, Articulated. C. D. Rice. 2,155,615; Apr. 25.
Train braking system. E. E. Hewitt. 2,177,527; Oct. 24.
Train control, Automatic. E. E. Hewitt. 2,173,941; Sept. 26.
Train control mechanism. C. B. George. 2,170,137; Aug. 22.
Train control system. L. R. Allison. 2,160,669; May 30.
Train control system. F. H. Nicholson. 2,160,668; May 30.
Train control system for railroads, Coded. W. H. Reichard. 2,162,461; June 13.
Train coupler. N. Rydin. 2,162,390; June 13.
Train coupling system, Remotely controllable automatic. W. E. Rexford. 2,157,187; May 9.
Train described system. H. D. Brooks and A. A. Roberts. 2,184,544; Dec. 26.
Train describer system. R. M. Phinney. 2,184,702; Dec. 26.
Train element and fuse for blasting and pyrotechnic and the like purposes, and preparation thereof, Combustion. J. S. B. Fleming and R. C. Payn. 2,164,509; July 4.
Train line connector. A. J. Bazeley. 2,165,330; July 11.
Train line connector. W. Kaiser and H. Balke. 2,169,068; Aug. 8.
Train order deliverer. A. B. McFall. 2,145,519; Jan. 31.
Train, Railway. C. D. Rice. 2,169,616; Aug. 15.
Trammel. G. A. R. Paege. 2,176,681; Oct. 17.
Transceiver, Ultra high frequency. D. J. Hilferty. 2,147,595; Feb. 14.
Transcribing apparatus. A. G. Previn. 2,180,255; Nov. 14.
Transducer, Electromechanical. E. Lakatos. 2,160,876; June 6.
Transfer. W. S. Gaylord, Jr. 2,159,693; May 23.
Transfer. J. Linderman. 2,160,665; May 30.
Transfer article. J. T. Humes. 2,163,601; June 27.
Transfer copying material. J. Groák. 2,168,098; Aug. 1.
Transfer element for multiple ampules, Controllable. M. Lozier and C. H. Frost. 2,159,217; May 23.
Transfer machine. C. L. Henderson. 2,170,895; Aug. 29.
Transfer mechanism. F. A. Hosack. 2,166,067; July 11.
Transfer mechanism. W. F. Knebusch and F. F. Hillix. 2,173,847; Sept. 26.
Transfer mechanism. L. E. Lovett. 2,181,902; Dec. 5.
Transfer mechanism. J. F. O'Brien. 2,184,752; Dec. 26.
Transfer mechanism. S. F. Odell. 2,160,557; May 30.
Transfer mechanism. V. W. Todd. 2,143,116; Jan. 10.
Transfer mechanism for articles. R. E. J. Nordquist. 2,143,026; Jan. 10.
Transfer mechanism for counting and computing mechanism. J. Fraser. 2,184,420; Dec. 26.
Transfer mechanism for knitting machines, Stitch. H. McAdams. 2,167,581; July 25.
Transfer or delivery device for cigarette rod machines. P. J. Herrmann. 2,142,271; Jan. 3.
Transfer sheet arrangement, particularly for use in typewriters or the like. W. Douglas. 2,161,144; June 6.
Transfers of display matter. A. G. Matthews. 2,175,209; Oct. 10.
Transference apparatus. S. T. Martin. 2,166,169; July 18.
Transferrer. W. E. Lundgren. 2,180,088; Nov. 14.
Transformer. G. W. Bale. 2,173,387; Sept. 19.
Transformer. G. Camilli. 2,168,154; Aug. 1.
Transformer. T. R. Kennedy. 2,151,035; Mar. 21.
Transformer. T. R. Kennedy. 2,181,899; Dec. 5.
Transformer. F. McCurtain. 2,179,795; Nov. 14.
Transformer. A. E. Rittenhouse. 2,156,461; May 2.
Transformer. M. Schwaiger. 2,157,922; May 9.

Transformer. A. D. Silva and B. H. Irwin. 2,166,613; July 18.
Transformer. E. C. Wentz. 2,162,496; June 13.
Transformer. E. Wirz. Re. 21,116; June 13.
Transformer and illuminating device, Combined. J. A. Comstock. 2,161,853; June 13.
Transformer, Aperiodic. A. Alford. 2,170,626; Aug. 22.
Transformer case structure. R. L. Brown. 2,144,480; Jan. 17.
Transformer, Constant potential. J. G. Sola. 2,143,745; Jan. 10.
Transformer construction. R. E. Edwards. 2,148,449; Feb. 28.
Transformer construction. L. Mauerer. 2,183,355; Dec. 12.
Transformer, Coupling. K. Schlesinger. 2,152,823; Apr. 4.
Transformer device. W. Six. 2,162,274; June 13.
Transformer, Electric. C. E. Seifert. 2,181,644; Nov. 28.
Transformer, Fan blast. M. A. Smith, Jr. 2,144,035; Jan. 17.
Transformer fault indicating means. E. O. Schweitzer, Jr. 2,149,634; Mar. 7.
Transformer for band-pass selectors. M. Cawein. 2,174,235; Sept. 26.
Transformer for electrical measuring instruments. E. Reich. 2,148,641; Feb. 28.
Transformer for high tension, Electric. A. Libbe. 2,153,090; Apr. 4.
Transformer for making electrical measurements. C. F. Mitchell. 2,165,290; July 11.
Transformer, High-frequency. K. Schlesinger. 2,147,553; Feb. 14.
Transformer, High leakage. J. A. Comstock. 2,158,275; May 16.
Transformer, High leakage reactance. J. A. Comstock. 2,184,581; Dec. 26.
Transformer, Induction heat. G. B. Ely. 2,171,080; Aug. 29.
Transformer, Oil cooled. M. F. Mitschrich. 2,142,366; Jan. 3.
Transformer, Permeability-tuned intermediate-frequency. W. A. Schaper. 2,158,255; May 16.
Transformer-rectifier assembly. K. Brenkert. 2,171,643; Sept. 5.
Transformer, Regulating. G. Leischner. 2,150,382; Mar. 14.
Transformer relay unit. E. J. Dillman. 2,162,329; June 13.
Transformer, Sealed high frequency. R. I. Cole and P. E. Watson. 2,176,064; Oct. 17.
Transformer, Shell. E. Wirz. 2,145,703; Jan. 31.
Transformer support. E. W. Dillard. 2,182,660; Dec. 5.
Transformer system, Aperiodic. A. Alford. 2,165,087; July 4.
Transformer tank structure. W. G. James. 2,151,770; Mar. 28.
Transformer tap-changing mechanism, Polyphase. K. Bölte. 2,157,814; May 9.
Transformer unit. V. A. La Fave. 2,149,529; Mar. 7.
Transformer, Variable high frequency. S. Tarzian. 2,181,982; Dec. 5.
Transformer voltage regulating system. O. P. McCarty. 2,156,997; May 2.
Transformer. Welding machine. E. J. von Henke. 2,170,700; Aug. 22.
Transformer with a closed magnetic circuit. P. Soulary. 2,175,039; Oct. 3.
Transforming means. C. A. Sabbah and L. W. Morton. 2,168,173; Aug. 1.
Transient change indicator, Transmission level. H. I. Romnes. 2,169,851; Aug. 15.
Transilluminating device. L. H. Schwartz. 2,161,688; June 6.
Transit system, Rapid. J. B. Strauss. 2,161,105; June 6.
Transit system, Rapid. J. B. Strauss. 2,167,034; July 25.
Transitory switch. L. S. Williams. 2,178,156; Oct. 31.
Translating device. O. M. Dunning. 2,174,692; Oct. 3.
Translating device. J. von Issendorf. 2,162,533; June 13.
Translating mechanism. R. G. Griffith. 2,167,505; July 25.
Translation speed feeding device for fabrics and the like, Variable. J. Dungler. 2,145,044; Jan. 24.
Translucent screen. E. H. Land. 2,180,113; Nov. 14.
Transmission. D. Armstrong-Taylor. 2,169,822; Aug. 15.
Transmission. W. E. Beckjord. 2,164,487; July 4.
Transmission. O. K. Butzbach and H. E. Churchill. 2,183,485; Dec. 12.
Transmission. H. H. Canterbury. 2,145,582; Jan. 31.
Transmission. K. Clark. 2,176,209; Oct. 17.
Transmission. R. E. Cole. 2,174,504; Sept. 26.
Transmission. A. Y. Dodge. 2,146,369; Feb. 7.
Transmission. A. Y. Dodge and H. R. Allen. 2,149,117; Feb. 28.
Transmission. A. Y. Dodge. 2,182,621; Dec. 5.
Transmission. D. D. Dooley. 2,155,476; Apr. 25.
Transmission. H. S. Eberhard. 2,150,432; Mar. 14.
Transmission. R. Erban. 2,152,797; Apr. 4.
Transmission. V. E. Gleasman. 2,177,213; Oct. 24.
Transmission. P. W. Hotton. 2,163,339; June 20.
Transmission. L. K. Jackson. 2,160,215; May 30.
Transmission. G. Jaeger, and C. Gerst. 2,180,469; Nov. 21.
Transmission. G. Jaeger and C. Gerst. 2,180,470; Nov. 21.
Transmission. B. W. Jones. 2,180,527; Nov. 21.
Transmission. L. C. Josephs, Jr. 2,174,662; Oct. 3.
Transmission. R. Lapsley. Re. 21,273; Nov. 21.
Transmission. J. Maroto. 2,184,941; Dec. 26.
Transmission. E. Orshansky, Jr. 2,173,855–6; Sept. 26.
Transmission. J. L. Perkins. 2,147,920; Feb. 21.
Transmission. J. S. Sharpe. 2,174,483; Sept. 26.
Transmission. H. W. Simpson. 2,177,951; Oct. 31.
Transmission. H. C. Snow. 2,177,952; Oct. 31.
Transmission. T. B. Tyler. 2,151,950; Mar. 28.
Transmission. W. L. Wiebrecht. 2,150,408; Mar. 14.
Transmission, Accelerator controlled automotive. F. W. Cotterman. Re. 21,244; Oct. 24.
Transmission and coaster brake, Selective speed. C. C. Williams. 2,159,465; May 23.
Transmission and clutch, Overdrive. W. B. Barnes. 2,144,787–8; Jan. 24.
Transmission and control. L. E. Godfriaux. 2,157,892; May 9.
Transmission and control mechanism. W. I. Senger and V. V. Sundt. 2,178,439; Oct. 31.
Transmission and control mechanism for milling machines. M. E. Martellotti. 2,170,291; Aug. 22.
Transmission apparatus. T. W. Paterson. 2,170,930; Aug. 29.
Transmission apparatus, Hydraulic. I. E. McElroy and R. H. Shadrick. 2,170,786; Aug. 22.
Transmission assembly, Final drive. D. B. Baker, C. R. Rogers, and W. O. Bechman. 2,146,169; Feb. 7.
Transmission, Automatic. O. H. Banker. 2,171,534; Sept. 5.
Transmission, Automatic. J. J. Drabin. 2,163,872; June 27.
Transmission, Automatic. V. Haigh. 2,156,336; May 2.
Transmission, Automatic. R. E. Keller. 2,170,926; Aug. 29.
Transmission, Automatic. R. E. Keller. 2,174,191; Sept. 26.
Transmission, Automatic. F. C. Reynolds. 2,143,452; Jan. 10.
Transmission, Automatic change speed. E. R. Burtnett. 2,167,873; Aug. 1.
Transmission, Automatic infinitely variable. B. Burner. 2,181,118; Nov. 28.
Transmission, Automatic planetary automotive. F. W. Cotterman. 2,154,419; Apr. 18.
Transmission brake. A. Y. Dodge. 2,167,171; July 25.
Transmission circuit. I. A. Mitchell. 2,173,559; Sept. 19.
Transmission circuit. L. Schott and S. B. Wright. 2,167,007; July 25.
Transmission clutch, Automatic. R. E. Keller. 2,166,357; July 18.
Transmission control. H. W. Price. 2,177,459; Oct. 24.
Transmission control. E. W. Seaholm. 2,171,953; Sept. 5.
Transmission control. E. O. Wheaton. 2,181,647; Nov. 28.
Transmission control, Hydraulic. E. O. Schjolin. 2,146,030; Feb. 7.
Transmission control in signaling systems. K. H. Davis. 2,170,941; Aug. 29.
Transmission control mechanism. E. J. Benz. 2,152,581; Mar. 28.
Transmission control mechanism. R. Lapsley. 2,180,116; Nov. 14.
Transmission control mechanism, Dual. H. R. Gallun and G. S. Waddell. 2,161,153; June 6.
Transmission coupling, Flexible. J. L. Hardy. 2,142,725; Jan. 3.
Transmission coupling, Flexible. J. L. Hardy. 2,153,465–6; Apr. 4.
Transmission device. F. Cartlidge. 2,171,647; Sept. 5.
Transmission device. R. Erban. 2,148,857; Feb. 28.
Transmission device with speed-torque actuated give-away control, Variable speed power. H. J. Murray. 2,170,208; Aug. 22.
Transmission, Differential change speed. B. A. Swennes. 2,152,932; Apr. 4.
Transmission, Diversity. A. Alford. 2,159,647; May 23.
Transmission, Double toric friction. J. H. Hunt. 2,157,238; May 9.
Transmission drive. L. H. Logue. 2,162,624; June 13.
Transmission for ensilage cutters. C. E. Everett. 2,150,213; Mar. 14.
Transmission for motor cars, Selective. E. H. Taylor. 2,174,903; Oct. 3.
Transmission for motor vehicles, Hydromechanical. F. W. Cotterman. 2,144,795; Jan. 24.
Transmission for motor vehicles, Hydromechanical. F. W. Cotterman. 2,171,782; Sept. 5.
Transmission for pinking mechanism. V. J. Sigoda. 2,142,684; Jan. 3.
Transmission for telephone receivers, Method and device for auxiliary. C. W. Cherry. 2,160,829; June 6.
Transmission gear, Turbomechanical. H. Föttinger. 2,147,528; Feb. 14.
Transmission gearing and brake. W. T. Young and T. L. Fawick. 2,165,993; July 11.
Transmission gearing and power take-off. E. A. Johnston, D. B. Baker, and C. R. Rogers. 2,168,033; Aug. 1.
Transmission gearing mechanism, Hydraulically controlled. R. C. Benson. 2,144,322; Jan. 17.
Transmission, Hydraulic. M. Alpern. 2,160,612; May 30.

Transmission, Hydraulic. D. S. Bennetch. 2,151,415; Mar. 21.
Transmission, Hydraulic. J. C. Johnson. 2,184,219; Dec. 19.
Transmission, Hydraulic. H. J. Sherrill. 2,183,823; Dec. 19.
Transmission, Hydraulic. S. V. E. Taylor. Re. 20,988; Jan. 24.
Transmission, Hydraulic. J. W. White. 2,181,754; Nov. 28.
Transmission interlock. W. B. Herndon. 2,153,085; Apr. 4.
Transmission interlock. J. H. Wilson. 2,169,780; Aug. 15.
Transmission level control. H. J. Fisher. 2,157,694; May 9.
Transmission line. A. Alford. 2,147,807; Feb. 21.
Transmission line. L. A. Battermann. 2,153,527; Apr. 4.
Transmission line. R. W. George. 2,158,496; May 16.
Transmission line. H. Kimmel. 2,169,360; Aug. 15.
Transmission line, High frequency electric. M. Bowman-Manifold. 2,148,098; Feb. 21.
Transmission line system. W. V. Roberts. 2,150,246; Mar. 14.
Transmission means, Diaphragm-actuated. L. M. Persons. 2,180,018; Nov. 14.
Transmission means for motor vehicles. S. J. Papp. 2,172,622; Sept. 12.
Transmission mechanism. A. L. Berger. 2,146,717; Feb. 14.
Transmission mechanism. L. Dewan. 2,167,641; Aug. 1.
Transmission mechanism. R. R. Eastin. 2,151,376; Mar. 21.
Transmission mechanism. R. R. Eastin. 2,158,573; May 16.
Transmission mechanism. H. K. Herrick. 2,144,110; Jan. 17.
Transmission mechanism. H. Lafleche. 2,167,953; Aug. 1.
Transmission mechanism. W. E. Lawrence. 2,177,302; Oct. 24.
Transmission mechanism. J. W. Marsh. 2,155,434; Apr. 25.
Transmission mechanism. R. S. Sanford. 2,152,098; Mar. 28.
Transmission mechanism. J. G. Vincent. Re. 21,221; Sept. 26.
Transmission mechanism. J. G. Vincent. 2,174,148; Sept. 26.
Transmission mechanism for four-wheel-drive, automotive vehicles, Auxiliary. F. W. Ruggles and C. D. Smith. 2,173,044; Sept. 12.
Transmission mechanism for photographic cameras. H. Becker. 2,160,818; June 6.
Transmission mechanism, Variable speed. L. Coddington. 2,151,189; Mar. 21.
Transmission, Overdrive. H. E. Carnagua. 2,176,202; Oct. 17.
Transmission, Overspeed drive. W. B. Barnes. 2,144,789; Jan. 24.
Transmission regulation. I. G. Wilson. 2,151,821; Mar. 28.
Transmission, Selective gear. W. F. Frock. 2,171,144; Aug. 29.
Transmission substitution system. J. C. Walter. 2,161,884; June 13.
Transmission synchronizer. J. M. Simpson. 2,175,857; Oct. 10.
Transmission synchronizer. J. M. Simpson and S. O. White. 2,160,091; May 30.
Transmission synchronizer. S. O. White. 2,179,568; Nov. 14.
Transmission synchronizer and gear lock-up. A. H. Jessen. 2,169,495; Aug. 15.
Transmission system. B. G. Bjornson. 2,173,816; Sept. 26.
Transmission system. B. G. Bjornson. 2,174,151; Sept. 26.
Transmission system. A. M. Curtis. 2,143,056; Jan. 10.
Transmission system, S. Doba, Jr. 2,173,472; Sept. 19.
Transmission system. E. I. Green. 2,182,337; Dec. 5.
Transmission system. C. W. Halligan. 2,167,069; July 25.
Transmission system. F. S. Misterly and S. B. Smith. 2,183,244; Dec. 12.
Transmission system. F. Strecker and H. Kimmel. 2,168,589; Aug. 8.
Transmission system. H. Verse. 2,148,384; Feb. 21.
Transmission system, Broad band. H. H. Benning. 2,153,528; Apr. 4.
Transmission system, Electric. N. Japolsky. 2,168,032; Aug. 1.
Transmission system, High frequency. A. R. D'heedene. 2,163,750; June 27.
Transmission system, Hydraulic. H. J. Keitel. 2,168,215; Aug. 1.
Transmission unit, Variable. C. W. Le Grand. 2,148,759; Feb. 28.
Transmission, Variable. C. C. Jacobs. 2,174,698; Oct. 3.
Transmission, Variable ratio. O. E. Szekely. 2,171,610; Sept. 5.
Transmission, Variable ratio power. O. E. Szekely. 2,152,622; Mar. 28.
Transmission, Variable speed. W. A. Duffield. 2,156,041; Apr. 25.
Transmission, Variable speed. R. Erban. 2,152,796; Apr. 4.
Transmission, Variable speed. N. B. Henry. 2,149,675; Mar. 7.
Transmission, Variable speed. W. P. Schmitter. 2,168,274; Aug. 1.
Transmission, Variable speed. P. Simonds. 2,142,700; Jan. 3.
Transmission, Variable speed gear. S. C. Gebert. 2,167,748; Aug. 1.
Transmissions, Device for the indication of radio. K. Nekolny. 2,164,161; June 27.
Transmissions, Setting and indicating device for change speed. L. A. Carter. 2,170,293; Aug. 22.
Transmitter and code translator. R. M. Hicks. 2,142,691; Jan. 3.
Transmitter cell. A. E. Woodruff and A. F. Horlacher. 2,184,064; Dec. 19.
Transmitter head set. A. E. Woodruff and A. Horlacher. 2,184,262; Dec. 19.
Transmitter, Modulated carrier wave. E. Green and N. H. Clough. 2,183,865; Dec. 19.
Transmitter, Phase modulation. M. L. Dull. 2,183,905; Dec. 19.
Transmitter, Phase or frequency modulated. G. L. Usselman. 2,160,528; May 30.
Transmitter, Single side-band. W. H. Wirkler. 2,173,145; Sept. 19.
Transmitter tape control device. J. A. Spencer. 2,160,463; May 30.
Transmitter tube circuit. W. Buschbeck. 2,153,172; Apr. 4.
Transmitter, Ultra high frequency. F. H. Kroger. 2,148,165; Feb. 21.
Transmitter with spiral-aperture disks. K. Schlesinger. 2,173,499; Sept. 19.
Transmitters, Control means for. D. E. Watts. 2,179,363; Nov. 7.
Transmitters, Modulating high frequency. E. Kramar and E. Heinecke. 2,151,921; Mar. 28.
Transmitters, Modulating high frequency. L. Pungs. 2,161,313; June 6.
Transmitters, Radio and other high frequency telegraph. D. F. George. 2,184,382; Dec. 26.
Transmitting and amplifying systems. L. A. Molin and T. Le Baron. 2,157,140; May 9.
Transmitting and receiving device for ultra-short waves. K. Kohl. 2,170,028; Aug. 28.
Transmitting apparatus. B. L. Green. 2,183,559; Dec. 19.
Transom controller. C. W. Ward. 2,177,446; Oct. 24.
Transom controller. C. W. Ward. 2,179,206; Nov. 7.
Transplanter. E. W. McCartney. 2,145,771; Jan. 31.
Transport apparatus for stretchers and the like. F. Tintner. 2,161,541; June 6.
Transport operator. B. E. Shaw. 2,176,381; Oct. 17.
Transportation equipment. W. C. McMurry. 2,179,047; Nov. 7.
Transportation means for refrigerating unit containers. J. C. Hester. 2,169,446; Aug. 15.
Transportation of rolling loads. A. P. R. Porte. 2,144,081; Jan. 17.
Transporting and dumping vehicle. G. R. Dempster. 2,162,839; June 20.
Transporting and dumping vehicle. G. R. Dempster. 2,179,779; Nov. 14.
Transporting and dumping vehicle. L. Gerosa and G. P. Wagner. 2,164,739–40; July 4.
Transporting vehicle. G. R. Dempster. 2,179,778; Nov. 14.
Transverse road joint. R. R. Robertson. 2,153,394; Apr. 4.

Trap: *See*—

Air line trap.	Gun trap.
Animal trap.	Insect trap.
Ant trap.	Mouse and rat trap.
Ash trap.	Mouse trap.
Automatic fish trap.	Rat trap.
Automatic fluid trap.	Rodent trap.
Condensation trap.	Sewer trap.
Drain trap.	Sink trap.
Electrocuting trap.	Soot and fly ash trap.
Fish trap.	Steam trap.
Fly trap.	Target trap.
Grasshopper trap.	

Trap. J. G. Azar. 2,176,044; Oct. 17.
Trap. W. E. Bowman. 2,167,291; July 25.
Trap. F. M. Eslick. 2,169,945; Aug. 15.
Trap. F. Harlow. 2,155,544; Apr. 25.
Trap. N. J. Marshall. 2,168,132; Aug. 1.
Trap for dry pipes, Moisture. R. L. Lay. 2,174,794; Oct. 3.
Trap for gasoline pipe lines, etc., and for all storage tanks and tank cars, Water. R. A. Lambert. 2,170,247; Aug. 22.
Trap for plumbing fixtures, Antisyphoning. I. B. Ritter. 2,170,390; Aug. 22.
Trap for sewing and other machines, Dust. H. E. Young. 2,157,176; May 9.
Trap release. C. C. Loomis. 2,184,389; Dec. 26
Trap seal valve. D. S. Williams. 2,162,236; June 13.
Trap structure for cooling systems of automotive vehicles, Sediment. M. R. Donnallan. 2,142,888; Jan. 3.
Trap table. G. H. Way. 2,158,807; May 16.

Trapping or cutting device for use in twisting, winding, spinning, doubling, or like machines. R. C. Scholz. 2,153,436; Apr. 4.
Traps, Attachment for animal. C. D. Briddell. 2,146,464; Feb. 7.
Trash receptacle. L. L. Branthover. 2,149,042; Feb. 28.
Travel guide. J. R. Maley and W. S. Carver. 2,178,307; Oct. 31.
Traveling bag. D. R. Branen. 2,164,493; July 4.
Traveling cleaner. W. B. Hodge. 2,184,880; Dec. 26.
Traveling rotary die. M. Dorman. 2,163,487; June 20.
Trawling signal. C. L. Guyman. 2,156,452; May 2.
Tray. G. B. Benander. 2,145,107; Jan. 24.
Tray. W. Evans and A. F. Knaggs. 2,163,117; June 20.
Tray. J. A. Maxwell, O. S. Crosthwaite, and C. L. Duggan. 2,177,575; Oct. 24.
Tray and rack, Composite. C. L. Ruhl. 2,169,292; Aug. 15.
Tray attachment means. C. R. Veal. 2,155,813; Apr. 25.
Tray, Bread. R. D. Parry. 2,172,013; Sept. 5.
Tray, Carrying. H. F. McCord. 2,161,629; June 6.
Tray, Carton-filling. H. T. Rygaard. 2,176,613; Oct. 17.
Tray, Chair. J. J. Brazell. 2,177,297; Oct. 24.
Tray, Cigarette. C. J. Ketcham. 2,177,142; Oct. 24.
Tray, Detachable and adjustable card table. B. W. Marchant. 2,147,539; Feb. 14.
Tray, Display. F. W. and C. L. Holderle. 2,143,624; Jan. 10.
Tray, drawer, or the like. A. H. Bettenhausen. 2,163,931; June 27.
Tray, Flexible metal freezing. H. D. Geyer. 2,145,719; Jan. 31.
Tray for bread slicing machines. M. Brustowsky. 2,142,812; Jan. 3.
Tray for carburizing furnaces, Flexible. F. J. Blaney. 2,145,708; Jan. 31.
Tray for eggs and the like, Filler. L. Benoit. 2,154,193; Apr. 11.
Tray for paint pots, Drip. W. J. Doty. 2,150,965; Mar. 21.
Tray for refrigerators, Ice cube. L. E. Stipe. 2,162,363; June 13.
Tray, Freezing. D. Hoppenstand. 2,169,733; Aug. 15.
Tray grid, Ice cube. P. Crosley, Jr. 2,143,977; Jan. 17.
Tray, Heat treating furnace. H. H. Harris. 2,148,463–4; Feb. 28.
Tray, Heat-treating furnace. H. H. Harris. 2,176,072–3; Oct. 17.
Tray, Ice. Q. Berg. 2,181,114; Nov. 28.
Tray, Ice. L. Bleckley, Jr. 2,143,754; Jan. 10.
Tray, Ice. R. R. Fitzsimmons. 2,181,580; Nov. 28.
Tray, Ice. D. C. Gerber. 2,181,582; Nov. 28.
Tray, Ice. H. D. Geyer. 2,143,108; Jan. 10.
Tray, Ice. H. D. Geyer. 2,168,200; Aug. 1.
Tray, Ice. H. D. Geyer. 2,184,797; Dec. 26.
Tray, Ice. J. W. Jacobs. 2,169,180; Aug. 8.
Tray, Ice. L. M. Keighley. 2,173,806; Sept. 19.
Tray, Ice. F. P. Keiper. 2,173,807; Sept. 19.
Tray, Ice. A. Leuning. 2,183,750; Dec. 19.
Tray, Ice. J. H. Miner. 2,147,495; Feb. 14.
Tray, Ice. J. H. Miner. 2,168,678; Aug. 8.
Tray, Ice. J. H. Miner. 2,168,739; Aug. 8.
Tray, Ice. D. H. Reeves. Re. 21,226; Oct. 3.
Tray, Ice. D. H. Reeves. 2,154,357; Apr. 11.
Tray, Ice. J. N. Saler. 2,163,705; June 27.
Tray, Ice. J. N. Saler. 2,173,696; Sept. 19.
Tray, Ice. D. G. Smellie. 2,181,590; Nov. 28.
Tray, Ice. U. A. Whitaker. 2,181,593; Nov. 28.
Tray, Ice cube. A. G. Sherman. 2,182,454; Dec. 5.
Tray, Letter. T. Hearn and G. S. McKee. 2,183,992; Dec. 19.
Tray leveling device. W. Schonwald. 2,161,750; June 6.
Tray loosening means, Refrigerator. L. S. Chadwick. 2,162,244; June 13.
Tray, Molding. F. R. Stamp. 2,146,236; Feb. 7.
Tray, Nursing. F. S. Schade. 2,178,812; Nov. 7.
Tray or baseboard for use with loose leaf books. H. T. Bigg and S. H. Sunderland. 2,171,488; Aug. 29.
Tray organization for refrigerators, Ice. J. H. Miner. 2,170,592; Aug. 22.
Tray partition. T. R. Cameron. 2,148,681; Feb. 28.
Tray, Pivotally mounted soap. F. E. Shopen. 2,147,861; Feb. 21.
Tray, Pocket billiard. F. Mischler. 2,145,521; Jan. 31.
Tray, Quick freezing ice. J. H. de Murguiondo. 2,162,162; June 13.
Tray release, Freezing. J. H. Dennedy. 2,184,662; Dec. 26.
Tray, Serving. W. V. Johnson. 2,178,172; Oct. 31.
Tray, Serving. J. S. and O. W. Ponten. 2,179,273; Nov. 7.
Tray, Starch. A. Pfitzer. 2,172,878; Sept. 12.
Tray, Tubular heat treating furnace. H. H. Harris. 2,148,462; Feb. 28.
Tray unit for beauty parlor chairs. J. A. Borges. 2,183,536; Dec. 19.
Tray, Utility tying. M. P. Geiger. 2,177,523; Oct. 24.
Tray with mat, Folding cake. R. Huber. 2,177,390; Oct. 24.
Tread, detachable tire. G. R. Nelson, Sr. 2,157,004; May 2.
Tread, Floor. H. T. Barrett. 2,154,597; Apr. 18.
Tread for pneumatic tires. C. F. Snyder. 2,154,290; Apr. 11.
Tread member for antiskid devices. H. A. Delano. 2,180,099; Nov. 14.
Tread members with friction inserts, Making. A. Greenbaum. 2,142,242; Jan. 3.
Tread plate. J. Schmeller, Sr. 2,176,849; Oct. 17.
Tread, Safety. O. C. Duryea. 2,156,777; May 2.
Tread surface for footwear. H. T. Kraft. 2,155,166; Apr. 18.
Treadle controlled system. B. Cooper. 2,166,090; July 11.
Treating apparatus. M. Vidaver. 2,163,816; June 27.
Treating fibrous material. E. F. King. 2,154,943; Apr. 18.
Treating table. J. V. McManis. 2,179,595; Nov. 14.
Tree and plant protector. A. J. Erickson. 2,170,589; Aug. 22.
Tree, Artificial Christmas. P. Kranz and A. P. Schmid. 2,149,968; Mar. 7.
Tree branch and stick holder. P. J. Niedermaier. 2,169,965; Aug. 15.
Tree cavity filling and filler block therefor. G. Van Yahres. 2,147,865–6; Feb. 21.
Tree climbing device. V. D. Padernal. 2,174,525; Oct. 3.
Tree holder. C. Y. Fitzgerald. 2,159,760; May 23.
Tree moving device. L. F. Wilkinson. 2,173,406; Sept. 19.
Tree pruning implement. E. O. Hamren. 2,146,952; Feb. 14.
Tremulant attachment for accordions, Electric. L. E. Rush. 2,145,530; Jan. 31.
Trench digging machine. H. J. Brady and P. H. McConnell. 2,169,518; Aug. 15.
Trench tamper. F. W. Weber. 2,146,101; Feb. 7.
Trenching machine. J. H. Bosworth and O. G. Conrad. 2,169,079; Aug. 8.
Trestle. D. Griffiths. 2,177,431; Oct. 24.
Trestle, Extension ladder. H. B. Gaffers. 2,144,440; Jan. 17.
Triangle cutter lock. E. Reaney. 2,149,229; Feb. 28.
Triangle, Drafting. E. W. Coffey. 2,149,422; Mar. 7.
Triangle measuring instrument, Spherical. J. H. Coleman. 2,183,765; Dec. 19.
Triangle solving instrument. B. M. Bensen. 2,160,820; June 6.
Trichlorethylene, Polymerization of. M. Mugdan and J. Winner. 2,161,078; June 6.
Trichlorethylene, Stabilization of. A. A. Levine and O. Cass. 2,155,723; Apr. 25.
Tricone bit, Offset. L. E. Garfield. 2,148,372; Feb. 21.
Tricresyl phosphate used for the extraction of phenols, Purification of. H. Havemann and K. Smeykal. 2,184,697; Dec. 26.
Tricycle. A. Dobrowolski. 2,158,618; May 16.
Trifluoromethyl benzaldehydes. O. Scherer. 2,180,772; Nov. 21.
Tri-(4-tertiary-alkyl-1,2-phenylene) phosphates. E. C. Britton and C. L. Moyle. 2,151,680; Mar. 28.
Trimethylamine, Determining the purity of. L. U. Spence. 2,171,809; Sept. 5.
Trimethylamine, Manufacture of. C. E. Andrews and L. U. Spence. 2,153,405; Apr. 4.
Trimethyloinitromethane, Preparation of. J. A. Wyler. 2,164,440; July 4.
Trigger construction. L. C. Huck. 2,159,590; May 23.
Trigger device, Twin single. F. T. Fahlen. 2,172,702; Sept. 12.
Trigger for machine guns. J. L. Lockhead. 2,151,708; Mar. 28.
Trigonometric angle generator. D. Jones. 2,173,519; Sept. 19.
Trim. W. E. Miller. 2,149,742; Mar. 7.
Trim and making, Concrete window. E. G. Livesay. 2,166,870; July 18.
Trim material in vehicle bodies, Supporting. A. H. Haberstump. 2,143,943; Jan. 17.
Trim panel and making same. W. C. Osborn. 2,144,544; Jan. 17.
Trim panel assembly. A. P. Ball. 2,160,636–7; May 30.
Trim-panel manufacture and apparatus. A. S. Mitchell and H. M. Ratley. 2,170,662; Aug. 22.
Trim panels, Apparatus for preparing padded. A. H. Haberstump. 2,143,944; Jan. 17.
Trim panels, Forming inner. A. H. Haberstump. 2,166,435; July 18.
Trim panels, Securing. B. C. Place. 2,174,447; Sept. 26.
Trimmer. P. Woitynek. 2,151,413; Mar. 21.
Trimmer and edger, Lawn. W. P. Houser. 2,158,580; May 16.
Trimmer condenser. H. W. Houck. 2,150,973; Mar. 21.
Trimmer, Edge. E. Dunford. 2,162,944; June 20.
Trimmer for asparagus stalks. M. Tanzmann. 2,159,299; May 23.
Trimmer, Glass block. C. E. Hawk. 2,181,810; Nov. 28.
Trimmer, Green corn. C. E. Rife. 2,147,548; Feb. 14.
Trimmer, Hedge. R. C. Hanson. 2,145,391; Jan. 31.
Trimmer, Lettuce. N. H. Schneider. 2,184,889; Dec. 26, 1939.
Trimmer, Quick change edge. E. T. Vest. 2,162,141; June 13.
Trimmer, Safety tree. A. J. Dempsey. 2,172,906; Sept. 12.
Trimming. P. Schneider and A. Bruchfeld. 2,162,591; June 13.

Trimming and finishing tool, Shoe sole and heel edge. F. Bruni. 2,154,971; Apr. 18.
Trimming and/or cutting mechanism. C. M. Yoder. 2,160,999; June 6.
Trimming and reaming machine. E. W. Beekman, R. Haubursin, and E. E. Ward. 2,171,262; Aug. 29.
Trimming and roughing machine. J. S. Kamborian. 2,181,238; Nov. 28.
Trimming and stitching machine. J. Galkin. 2,173,161; Sept. 19.
Trimming apparatus, Flash. E. S. Ellis. 2,159,888; May 23.
Trimming apparatus for molded rubber articles. T. W. Morris. 2,180,604; Nov. 21.
Trimming assembly for automotive vehicle bodies. O. Olson. 2,146,438; Feb. 7.
Trimming device. V. J. Sigoda. 2,142,682; Jan. 3.
Trimming effects, Producing a variety of. H. Levine. 2,182,521; Dec. 5.
Trimming for license plates. H. J. Dinstbir. 2,160,960; June 6.
Trimming in the form of heads and tails of animals suitable for pocketbooks, Ornamental. J. Rubenstein. 2,175,319; Oct. 10.
Trimming machine. W. P. Abell. 2,154,425; Apr. 18.
Trimming machine. C. A. Brosnan and P. F. Kelleher. 2,154,028; Apr. 11.
Trimming machine. J. S. Kamborian. 2,165,384; July 11.
Trimming machine. J. T. Lancaster. 2,175,200; Oct. 10.
Trimming machine. J. M. Matheu. 2,173,176; Sept. 19.
Trimming machine. A. C. Smith. 2,171,608; Sept. 5.
Trimming machine. J. P. Weis. 2,147,725; Feb. 21.
Trimming mechanism. G. Stevenson. 2,165,313; July 11.
Trimming mechanism for grinding wheels. S. G. Brady. 2,178,135; Oct. 31.
Trip mechanism for automatic weighers. J. B. Howe. 2,179,743; Nov. 14.
Trip mechanism for oil switches. J. H. Starr. 2,145,141; Jan. 24.
Triplicate indicating device. J. R. Goggins. 2,179,739; Nov. 14.
Tripod. R. Mooney. 2,143,606; Jan. 10.
Tripod, Camera. R. L. Swartz. 2,171,870; Sept. 5.
Tripod head, Adjustable. B. A. Hultquist. 2,168,988; Aug. 8.
Tripod leg, Telescoping. F. Tuttle and J. S. Beggs. 2,165,426; July 11.
Tripod stabilizer. V. G. Ellis. 2,177,246; Oct. 24.
Tripod top, Adjustable. C. Bornmann. 2,161,909; June 13.
Triturating machine. M. Roca and E. Guix. 2,171,949; Sept. 5.
Trolley, Adaptable rail. R. Klima and P. Pellischek. 2,171,093; Aug. 29.
Trolley, Ball bearing. L. C. Doyle. 2,146,289; Feb. 7.
Trolley, Cable. J. A. Gibbons. 2,164,205; June 27.
Trolley duct gate. R. H. Kingdon. 2,148,237; Feb. 21.
Trolley head. E. C. Ryan. 2,155,242; Apr. 18.
Trolley or collector. W. H. Frank and L. C. Fisher. 2,170,297; Aug. 22.
Trolley or collector. W. H. Frank and W. A. Harper. 2,170,296; Aug. 22.
Trolley shoe, Self-lubricating. W. R. Jackson. 2,158,721; May 16.
Trolley splicer. L. C. Spencer. 2,184,006; Dec. 19.
Trolley system, Overhead. R. R. Holden. 2,158,421; May 16.
Trolley wire support. S. S. Matthes. 2,180,878; Nov. 21.
Trolling plug. F. S. De Long. 2,176,250; Oct. 17.
Trouble and trunk light. J. Koch, Jr. 2,166,062; July 11.
Trouble finder. R. B. Cummings. 2,142,304; Jan. 3.
Trough, Concentrating. B. A. Miller. 2,183,971; Dec. 19.
Trough, Eaves. E. B. Westlake. 2,175,138; Oct. 3.
Trough hanger. E. W. Petersen. 2,144,663; Jan. 24.
Trough, Meter. A. B. Rypinski. 2,145,557; Jan. 31.
Trough, Poultry. D. H. Hill. 2,165,968; July 11.
Trough, Sheet metal eaves. L. Kuehn. 2,145,486; Jan. 31.
Trough, Siphon-fed drinking. C. E. Carr. 2,142,556; Jan. 3.
Trouser fly construction. D. W. Galloway. 2,166,092; July 11.
Trousers hanger. W. H. Baugh. 2,171,680; Sept. 5.
Trousers hanger. O. D. Glendenning. 2,171,693; Sept. 5.
Trousers hanger. N. P. Schur. 2,156,031; Apr. 25.
Trowel. C. E. Pritz. 2,167,996; Aug. 1.
Trowel. G. J. Shaffer. 2,178,899; Nov. 7.
Trowel, Plasterer's bullnose finishing. H. W. and L. E. Seeman. 2,181,209; Nov. 28.
Truck. C. M. Ault. 2,147,076; Feb. 14.
Truck. P. Carlson. 2,165,452; July 11.
Truck. M. R. Franklin. 2,154,839; Apr. 18.
Truck. J. F. Joy. 2,161,818; June 13.
Truck. G. Meacham. 2,176,636; Oct. 17.
Truck. A. H. Oelkers. 2,183,504; Dec. 12.
Truck. G. T. Ronk. 2,170,095; Aug. 22.
Truck, Air cushion rail. W. J. Wilson and E. F. Dohe. 2,180,492; Nov. 21.
Truck and bolster therefor, Stabilized. E. W. Webb. 2,169,715; Aug. 15.
Truck and loader therefor, Dump. W. Venema. 2,170,932; Aug. 29.
Truck and spring bolster construction. E. H. Piron. 2,171,069; Aug. 29.
Truck, Articulated railway. E. Gray. 2,152,799; Apr. 4.
Truck, Automobile. M. V. Gilson. 2,171,030; Aug. 29.
Truck, Axle structure-steel farm. D. W. Voorhees. 2,170,522; Aug. 22.
Truck, Barrel. R. C. Hawkins. 2,150,503; Mar. 14.
Truck, Barrel. R. E. Sooter. 2,160,041; May 30.
Truck, Beer. J. Erickson. 2,146,533; Feb. 7.
Truck body. P. Carlson. 2,172,831; Sept. 12.
Truck body. C. H. Gooder. 2,145,926; Feb. 7.
Truck body. A. A. Johnson. 2,150,624; Mar. 14.
Truck body and door construction. R. H. Greegor. 2,170,021; Aug. 22.
Truck body, Delivery. E. R. Pritchard. 2,165,980; July 11.
Truck, Box hand. T. Shaw. 2,152,217; Mar. 28.
Truck brake. W. F. Brown. 2,147,764; Feb. 21.
Truck brake, Automatic. W. Y. Abresch. 2,169,781; Aug. 15.
Truck, Bulk material delivery. C. G. Eisenberg, Jr. 2,169,463; Aug. 15.
Truck, Car. W. Blackmore. 2,167,231; July 25.
Truck, Car. J. A. Cameron. 2,149,272; Mar. 7.
Truck, Car. R. C. Hobson. 2,170,862; Aug. 29.
Truck center bearing. H. E. Muchnic. 2,150,896; Mar. 21.
Truck, Clamp. W. L. and C. R. Coleman. 2,176,246; Oct. 17.
Truck, Die. B. G. Johnson. 2,161,578; June 6.
Truck, Dump body. E. R. Barrett. 2,148,798; Feb. 28.
Truck, Dumping. W. L. Allison. 2,174,956; Oct. 3.
Truck, Ejecting. R. Lewis and F. M. Bodenhamer. 2,179,726; Nov. 14.
Truck, Electric vehicle. W. A. Brecht and F. L. Albeu. 2,154,262; Apr. 11.
Truck, Elevating. D. E. Hennessy. 2,152,849; Apr. 4.
Truck, Foldable. G. Mochan. 2,180,642; Nov. 21.
Truck for moving buildings. J. L. Hays. 2,152,804; Apr. 4.
Truck, Hand. J. E. Miller. 2,160,556; May 30.
Truck, Hand. G. D. Peet. 2,181,438; Nov. 28.
Truck, Hand. T. W. Yeats. 2,165,603; July 11.
Truck having pedal operated fluid actuated lifting mechanism, Elevating. F. J. Shepard, Jr., and N. Warshaw. 2,161,660; June 6.
Truck, Hydraulic lift. P. D. Germond. 2,163,675; June 27.
Truck, Industrial. E. J. Dunham. 2,178,367–70; Oct. 31.
Truck, Industrial. R. C. Howell. 2,143,983; Jan. 17.
Truck, Industrial. S. Weiss. 2,169,440; Aug. 15.
Truck, Lift. A. M. Barrett. 2,155,580; Apr. 25.
Truck, Lift. A. M. Barrett. 2,167,968; Aug. 1.
Truck, Lift. G. G. Raymond and W. C. House. 2,178,647; Nov. 7.
Truck, Lifting. C. S. Schroeder. 2,173,068; Sept. 12.
Truck loader, Portable. F. C. Adams. 2,142,687; Jan. 3.
Truck, Multiple lift elevating. D. E. Hennessy. 2,152,850; Apr. 4.
Truck, Railway. E. C. Anderson. 2,163,253; June 20.
Truck, Railway. D. S. Barrows. 2,146,200; Feb. 7.
Truck, Railway. D. S. Barrows. 2,180,933; Nov. 21.
Truck, Railway. W. J. Besler. 2,155,781; Apr. 25.
Truck, Railway. E. Bugatti. 2,166,858; July 18.
Truck, Railway. E. G. Hallquist. 2,148,942; Feb. 28.
Truck, Railway. A. H. Pagenkemper. 2,184,648; Dec. 26.
Truck, Railway. H. M. Pflager. 2,173,725; Sept. 19.
Truck, Refrigerating. M. H. Hovey. 2,161,050; June 6.
Truck, Refuse. J. Goodman. Re. 20,992; Jan. 31.
Truck, Refuse disposal. J. Baji. 2,143,135; Jan. 10.
Truck, Selectively operable mechanically and fluid actuated lifting. F. J. Shepard, Jr., and N. Warshaw. 2,161,659; June 6.
Truck, Self-loading. S. G. Barnard. 2,156,424; May 2.
Truck side frame, Welded. C. Schenck and L. G. Miller. 2,181,709; Nov. 28.
Truck signal. N. B. Challoner. 2,166,520; July 18.
Truck sleeper. E. A. Kounkel. 2,174,499; Sept. 26.
Truck standard, Logging. W. F. West. 2,152,578; Mar. 28.
Truck structure. R. B. Cottrell. 2,175,166; Oct. 10.
Truck structure, Railway. H. M. Pflager. 2,167,125; July 25.
Truck suspension, Rail. E. H. Piron. 2,184,102; Dec. 19.
Truck, Three-way dump. J. H. Porter. 2,180,066; Nov. 14.
Truck tipper and wheel lock. M. Sharkey. 2,142,379; Jan. 3.
Truck, Utility. P. E. Hawkins. 2,159,022; May 23.
Truck, Utility. P. E. Hawkins. 2,164,327; July 4.
Truck, Utility. P. E. Hawkins. 2,173,112; Sept. 19.
Truck, Vehicle wheel. O. L. Cronk. 2,170,012; Aug. 22.
Trucking vehicle. M. F. Swanson. 2,158,596; May 16.
Trucks and working parts thereof, Construction of car. C. R. Busch. 2,170,112; Aug. 22.
Truing attachment. C. Herfurth. 2,170,304; Aug. 22.
Truing device for abrasive worms. A. Rickenmann. 2,177,583; Oct. 24.
Truing device for grinding wheels. H. Hofer. 2,154,938; Apr. 18.

Truing mechanism, Continuous. B. A. Kearns. 2,178,875; Nov. 7.
Trunk, Collapsible. F. Leichtfuss. 2,172,588; Sept. 12.
Trunk, Reversible. P. H. Sadowski. 2,142,922; Jan. 3.
Trunks, Bathing. W. Zapis. 2,166,514; July 18.
Truss. E. G. Barnhard. 2,171,905; Sept. 5.
Truss. W. A. Westphal. 2,180,332; Nov. 14.
Truss, Adjustable. R. J. Moths. 2,177,043; Oct. 24.
Truss brace construction. W. D. Ferris. 2,175,688; Oct. 10.
Truss construction. N. M. Foulds. 2,183,015; Dec. 12.
Truss construction. F. N. Ropp. 2,171,673; Sept. 5.
Truss, Fabricated. F. N. Ropp. 2,156,818; May 2.
Truss for inguinal hernia. H. L. Roe. 2,146,444; Feb. 7.
Truss, Roof. J. S. Edison. 2,151,959; Mar. 28.
Truss, Stiffening. J. P. Cordova. 2,161,337; June 6.
T's, Making. J. H. Taylor. 2,162,870; June 20.
Tube: *See*—
Booster embalming tube.
Braun tube.
Catheter or drainage tube.
Cathode discharge tube.
Cathode ray signal-regenerating tube.
Cathode ray tube.
Cold cathode electron discharge tube.
Collapsible tube.
Condenser tube.
Control tube.
Discharge tube.
Dissector tube.
Drainage tube.
Electric discharge tube.
Electron beam tube.
Electron discharge tube.
Electron-discharge tube.
Electron emitting screen tube.
Electron image tube.
Electron multiplier tube.
Electron ray tube.
Electrode tube.
Electron discharge tube.
Electron tube.
Electronic discharge tube.
Electronic image tube.
Electronic tube.
Flexible tube.
Forcer tube.
Gas and metal vapor discharge tube.
Gaseous discharge tube.
Grenade throwing tube.
Grid glow tube.
Hearing tube.
High voltage X-ray tube.
Image dissector tube.
Inner tube.
Irrigation and drainage tube.
Luminescent tube.
Medicinal carrying tube.
Mercury cathode discharge tube.
Metal discharge tube.
Metal radio tube.
Metal tube.
Multiple discharge tube.
Newspaper tube.
Photoelectric tube.
Photo glow tube.
Picture-translating tube.
Pitot-static tube.
Pneumatic tube.
Radio tube.
Rectifier tube.
Reinforced metal tube.
Safety tube.
Secondary emission tube.
Secondary emitter tube.
Single-dose tube.
Single use tube.
Smoking tube.
Static pressure measuring tube.
Television signal reproducing tube.
Television transmitting tube.
Television tube.
Thermionic tube.
Thermionic vacuum tube.
Thermocouple tube.
Vacuum tube.
Vapor electric tube.
X-ray tube.
Tube. L. Sarog. 2,159,714; May 23.
Tube and apparatus employing same, Electronic. O. T. McIlvaine. 2,152,321; Mar. 28.
Tube and apparatus, Metal discharge. D. V. Edwards. 2,173,473; Sept. 19.
Tube and bulb and making same, Combination capillary F. W. Sullivan. 2,170,612; Aug. 22.
Tube and cap therefor, Collapsible. G. W. Temple. 2,152,001; Mar. 28.
Tube and circuit arrangement therefor, Rectifier. J. G. W. Mulder. 2,183,918; Dec. 19.
Tube and circuit, Gas discharge. W. L. Meier. 2,180,815; Nov. 21.
Tube and circuit, Polyphase luminous. C. E. Burt and R. Mayer. 2,153,036; Apr. 4.
Tube and circuits, Gas discharge. W. L. Meier. 2,164,538; July 4.
Tube and cooling block, Combined fluid-cooled vacuum. C. W. Hansell. 2,146,541; Feb. 7.
Tube and electrode structure, Television transmitting. R. B. Janes. 2,171,213; Aug. 29.
Tube and faucet construction, Beer. F. E. Rice. 2,175,669; Oct. 10.
Tube and forming same, Crinkled paper. E. D. Greene. 2,170,945; Aug. 29.
Tube and forming the same, Finned. E. E. Ledbetter. 2,161,898; June 13.
Tube and frequency stabilizing system, Microray. W. D. Hershberger. 2,142,130; Jan. 3.
Tube and key and rest for same, Collapsible. L. Bruzaud. 2,144,358; Jan. 17.
Tube and other container. H. D. Newell. 2,182,177; Dec. 5.
Tube and pipe cleaner. C. L. Shobe. 2,164,689; July 4.
Tube and pusher, Feed. C. F. Whitman. 2,165,912; July 11.
Tube and the like, Electron discharge. C. F. Miller. 2,163,310; June 20.
Tube and the like mill. J. E. Kennedy. 2,175,569; Oct. 10.
Tube and trap, Combined Bourdon. H. L. Joyce. 2,170,561; Aug. 22.
Tube apparatus, Cathode ray. K. Schlesinger. 2,152,821; Apr. 4.
Tube apparatus, Collapsible. J. H. Fridén. 2,175,560; Oct. 10.
Tube base and socket. J. E. Beggs. 2,174,682; Oct. 3.
Tube bender. V. D. Beehler and R. D. McIntosh. 2,171,907; Sept. 5.
Tube bender. F. Neukirch. 2,153,935; Apr. 11.
Tube catcher sub. H. Pennington. 2,145,192; Jan. 24.
Tube chilling apparatus. J. H. Gettig. 2,148,117; Feb. 21.
Tube cleaner. C. M. Griffin. 2,170,997; Aug. 29.
Tube cleaner. J. F. Mattern and V. H. Baker. 2,178,801; Nov. 7.
Tube cleaner. J. R. McDermet and P. T. Keebler. 2,150,806; Mar. 14.
Tube cleaner. J. P. Rodgers. 2,155,205; Apr. 18.
Tube cleaner motor. P. E. Good. 2,154,328; Apr. 11.
Tube cleaning device. G. Ammendola. 2,165,120; July 4.
Tube-closing machine. C. J. Westin. 2,172,898; Sept. 12.
Tube closure, Collapsible. P. M. Grafe. 2,171,175; Aug. 29.
Tube coil unit, Multiple. C. N. Deverall. 2,163,591; June 27.
Tube construction, Finned. F. J. Sibley. 2,173,665–6; Sept. 19.
Tube control, Roentgen. K. Bischoff. 2,147,424; Feb. 14.
Tube cutting apparatus. D. H. Edwards and R. E. Hartman. 2,181,124; Nov. 28.
Tube cutting machine. R. V. Green. 2,168,203; Aug. 1.
Tube cutting tool. W. M. Davenport. 2,181,450; Nov. 28.
Tube deflecting device, Cathode ray. L. G. Maloff. 2,164,931; July 4.
Tube deformer. R. L. E. Reuter and O. Huelster. 2,183,921; Dec. 19.
Tube dispensing device, Collapsible. C. E. Oplinger. 2,148,321; Feb. 21.
Tube drawing. W. J. Dennis. 2,173,099; Sept. 19.
Tube drawing method. T. Moore and G. E. Nighthart. 2,155,437; Apr. 25.
Tube-drawing method. J. W. Offutt. 2,171,595; Sept. 5.
Tube expander. G. A. Geyer. 2,155,416; Apr. 25.
Tube flaring machine. L. E. Poole and C. A. Nichols. 2,176,188; Oct. 17.
Tube flaring tool. L. C. Cattol. 2,169,790; Aug. 15.
Tube for duct guns, Discharge. W. H. Rose. 2,156,268; May 2.
Tube for fluid or semifluid substances. C. F. G. Sabattier. 2,175,130; Oct. 3.
Tube for frequency multiplification, Magnetron discharge. K. Fritz. 2,166,210; July 18.
Tube for inflating automobile tires, Extension. E. E. Glassley. 2,158,576; May 16.
Tube for mechanical pencils, Guide. L. A. Lanoie. 2,148,866; Feb. 28.
Tube for pneumatic tires, Inner. E. Eger. 2,150,648; Mar. 14.
Tube for pneumatic tires, Inner. H. M. Thiele. 2,155,105; Apr. 18.
Tube for pneumatic tires, Safety inner. W. J. Lee. 2,173,065; Sept. 12.
Tube for rock drills, Water. J. E. Renfer. 2,164,886; July 4.
Tube for short waves. B. Wienecke. 2,152,830; Apr. 4.
Tube for steam boilers, Flue. G. A. van der Graaf. 2,183,757; Dec. 19.
Tube for storage battery electrodes, Porous. G. Slayter. 2,168,366; Aug. 8.
Tube for ultra high frequency systems, Electron discharge. W. Buschbeck. 2,170,653; Aug. 22.
Tube forming tool. J. Fentress and A. Dreyer. 2,145,867; Feb. 7.
Tube having a plurality of grids. M. Harnisch. 2,172,198; Sept. 5.
Tube having an oxide cathode, Electric discharge. W. G. Burgers, H. Bruining, and P. H. J. A. Kleynen. 2,166,984; July 25.
Tube holder. F. Schymizek. 2,149,315; Mar. 7.
Tube holder, Test. H. Shiller. 2,162,127; June 13.
Tube holding structure and lock. J. M. Bandish and O. Markel. 2,179,248; Nov. 7.
Tube in which the current is limited, Gas-filled. H. Diamond. 2,162,478; June 13.
Tube inflating device. A. A. Starke. 2,149,797; Mar. 7.
Tube joint tool. E. P. Smith. 2,159,185; May 23.
Tube lighting system, Luminous. C. H. Bechter. 2,172,635; Sept. 12.
Tubes, Machining interior surfaces of. W. W. Cotter, Sr. 2,183,861; Dec. 19.
Tube, Making a torque. F. C. Metthaei and N. C. Dooley. 2,162,510; June 13.
Tube making machine. C. Majer. 2,154,953; Apr. 18.
Tube making machinery, Paper. D. C. Spaulding, Jr. 2,181,645; Nov. 28.
Tube, Manufacturing a. J. P. Smith. 2,144,899; Jan. 24.
Tube or bobbin, Noncollapsible thread. J. Cryan. 2,148,339; Feb. 21.
Tube or the like, Discharge. W. L. Krahl. 2,173,880; Sept. 26.
Tube plate for multitubular boilers. F. C. Huygen. 2,152,260; Mar. 28.
Tube-rolling machine. L. C. Shippy. 2,158,339; May 16.
Tube rolling mill. R. E. Brock. 2,179,918; Nov. 14.
Tube rolling mill. M. Landrieu. 2,160,742; May 30.
Tube sealing press. C. J. Westin. 2,155,029; Apr. 18.
Tube splicing apparatus. G. B. Nichols. 2,145,607; Jan. 31.

Tube structure, High power. I. E. Mouromtseff and H. N. Kozanowski. 2,144,505; Jan. 17.
Tube structures for evaporators, Mounting. B. S. Hughes. 2,176,873; Oct. 24.
Tube support. R. S. Brown. 2,175,555; Oct. 10.
Tube system, Cathode-ray. R. C. Hergenrother. 2,174,580; Oct. 3.
Tube tap, Radio. M. Alden. 2,146,612; Feb. 7.
Tube tester. G. M. Buchard. 2,172,953; Sept. 12.
Tube tester. F. E. Wenger. 2,172,897; Sept. 12.
Tube threading implement. H. Lauritz Hanson and H. L. Hanson. 2,180,466; Nov. 21.
Tube voltmeter circuit, Vacuum. F. E. Wenger. 2,143,219; Jan. 10.
Tube vulcanizer. F. Delano. 2,150,267; Mar. 14.
Tube welding. J. H. Gettig and G. Spatta. 2,160,586; May 30.
Tube welding process and apparatus. H. W. Jones and A. J. Miller. 2,178,451; Oct. 31.
Tube winding machine, Spiral. H. De Smith. 2,160,759; May 30.
Tube with high ohmic wall coatings, Electron. E. Schwartz and K. Wellmann. 2,162,391; June 13.
Tube with metallic block and method of attaching latter. E. C. Chapman and J. F. Randall. 2,149,008; Feb. 28.
Tube with photocell mosaic, Cathode ray. R. Möller and E. Ruska. 2,160,510; May 30.
Tubers for virus infection, Testing. F. E. Eidmann. 2,183,553; Dec. 19.
Tubes and the like, Apparatus for making latex inner. C. A. Tout. 2,142,223; Jan. 3.
Tubes, Apparatus for conveying and drying. J. H. Fridén. 2,164,768; July 4.
Tubes, Apparatus for exciting luminous. J. Bethenod. 2,177,858; Oct. 31.
Tubes, Apparatus for filling and closing collapsible metal. G. A. Soderberg. 2,162,464; June 13.
Tubes, Apparatus for folding over ends of paper. L. D. Pierce. 2,163,806; June 27.
Tubes, Apparatus for making metal. J. H. Wright. 2,177,545; Oct. 24.
Tubes, Apparatus for manufacturing transparent cellulosic. L. Scharf. 2,145,636; Jan. 31.
Tubes, Apparatus for reducing. G. Asbeck. 2,170,513; Aug. 22.
Tubes, Apparatus for reinforcing inner. A. Riccio. 2,145,890; Feb. 7.
Tubes, Brazing and welding. W. R. Ramsaur. 2,177,995; Oct. 31.
Tubes by welding, Closing collapsible. G. Kellner. 2,160,617; May 30.
Tubes, Closing collapsible. C. J. Westin. 2,155,028; Apr. 18.
Tubes, Coating collapsible. R. H. White. 2,152,516; Mar. 28.
Tubes, Coating luminescent. T. W. Frech. 2,179,288; Nov. 7.
Tubes, Connected collapsible twin. L. L. Libby. 2,166,307; July 18.
Tubes, Electric welding of. D. Sciaky. 2,167,554; July 25.
Tubes from columbium containing austenitic chromium nickel alloy steel and product thereof, Making seamless. V. B. Browne. 2,179,114; Nov. 7.
Tubes, Induction excitation of electric discharge. J. Bethenold. 2,149,414; Mar. 7.
Tubes interiorly, Coating. D. C. Spaulding, Jr. 2,145,279; Jan. 31.
Tubes, Joining fiber. D. B. Replogle. 2,142,150; Jan. 3.
Tubes, Making flat-bottomed cathode ray. K. Diels. 2,178,226; Oct. 31.
Tubes, Making tapered. G. E. Barnhart. 2,154,392; Apr. 11.
Tubes, Manufacture of. R. P. Piperoux. 2,173,859; Sept. 26.
Tubes, Manufacture of steel or alloy. H. W. Hudson. 2,184,498; Dec. 26.
Tubes, Manufacture of steel or alloy. F. C. Raab and E. C. Wright. 2,184,624; Dec. 26.
Tubes, Manufacturing cathode ray. R. M. Bowie. 2,167,431; July 25.
Tubes, Method and apparatus for coating vitreous. W. M. Clark and C. D. Spencer. 2,178,419; Oct. 31.
Tubes, Method and apparatus for making. H. B. Andrews and J. R. Haines. 2,150,708; Mar. 14.
Tubes, Method and apparatus for manufacturing gas-filled discharge. G. A. Espersen. 2,145,830; Jan. 31.
Tubes, Method and apparatus for manufacturing inner. G. C. Miller and R. C. Sourwine. 2,161,775; June 6.
Tubes, Method and apparatus for sizing. W. J. Assel. 2,176,412; Oct. 17.
Tubes or pipes, Making reinforced. A. J. Berg. 2,145,244; Jan. 31.
Tubes, Producing fibrous cementitious. J. Ferla. 2,177,643; Oct. 31.
Tubes, Producing reinforced seamless-matrix. J. P. Smith. 2,144,900; Jan. 24.
Tubes, rods, and the like, Method of and apparatus for forming glass. R. H. Barnard. 2,150,017; Mar. 7.
Tubes, Sealing collapsible. C. J. Westin. 2,169,173; Aug. 8.
Tubes, shells, or the like, Apparatus for shaping. S. Khatunzeff. 2,161,963; June 13.
Tubes with luminescent materials, Apparatus for coating. W. D. Norgard. 2,184,266; Dec. 19.
Tubing. H. H. Henry. 2,178,935; Nov. 7.
Tubing and making the same. C. E. White. 2,181,035; Nov. 21.
Tubing and producing the same. R. Weingand and A. Muchlinski. 2,172,426; Sept. 12.
Tubing and product so produced, Making. F. H. Reichel and A. E. Craver. 2,176,925; Oct. 24.
Tubing, Apparatus and method for corrugating metal. J. Fentress and A. Dreyer. 2,157,598; May 9.
Tubing, Apparatus for and process of making reinforced. A. J. Berg. 2,151,685; Mar. 28.
Tubing, Apparatus for coating. M. P. Link. 2,146,305; Feb. 7.
Tubing, Apparatus for manufacturing finned. P. V. Osborn. 2,178,671; Nov. 7.
Tubing catcher and positive actuating mechanism therefor. W. H. McKissick. 2,153,934; Apr. 11.
Tubing control head. W. L. Church. 2,163,422; June 20.
Tubing for refrigerating apparatus, Making. J. Karmazin. 2,166,109; July 18.
Tubing hanger. H. C. Block. 2,178,549; Nov. 7.
Tubing hanger. R. A. Mueller. 2,157,964; May 9.
Tubing head. A. J. and K. T. Penick. 2,178,698; Nov. 7.
Tubing head. A. J. and K. T. Penick. 2,178,700; Nov. 7.
Tubing head. S. P. Tschappat. 2,153,852; Apr. 11.
Tubing head. S. P. Tschappat. 2,168,591; Aug. 8.
Tubing head and blowout preventer, Combination. A. J. and K. T. Penick. 2,154,408; Apr. 11.
Tubing head and braden head, Combined. K. T. and A. J. Penick. 2,157,496; May 9.
Tubing make-up device. D. W. Auld and O. B. Anderson. 2,174,115; Sept. 26.
Tubing, Making seamless. R. A. Ramsdell. 2,171,764; Sept. 5.
Tubing, Manufacture of. C. C. Harrah. 2,158,796; May 16.
Tubing, Manufacture of ceramic. J. D. Morgan and R. E. Lowe. 2,171,006; Aug. 29.
Tubing, Manufacturing. J. Karmazin. 2,154,942; Apr. 18.
Tubing, Method and apparatus for covering thin wall. J. S. Reid. 2,160,108; May 30.
Tubing, Method of and apparatus for making multipart. W. A. Black. 2,164,267; June 27.
Tubing or other long lengths of metal, Apparatus for copper welding or heat treating. B. L. Quarnstrom. 2,151,989; Mar. 28.
Tubing or the like, Forming finned. A. J. Townsend and F. J. Bascombe. 2,179,530; Nov. 14.
Tubing, Production of coiled vitreous. T. Pfaff. 2,177,743; Oct. 31.
Tubing rack. G. C. Morue. 2,167,584; July 25.
Tubing, Reconditioning. A. P. Heldenbrand. 2,177,214; Oct. 24.
Tubular article and making same. J. O. Côte. 2,175,283; Oct. 10.
Tubular article of pyroxylin or the like, Decorative. R. Back. 2,151,548; Mar. 21.
Tubular boiler. A. P. Victor. 2,178,619; Nov. 7.
Tubular container, Collapsible. E. C. Godfrey. 2,157,891; May 9.
Tubular container, Collapsible. F. P. Schmidt. 2,164,430; July 4.
Tubular element for boiler walls. T. E. Murray, Jr. 2,167,901; Aug. 1.
Tubular element of air-method cleaning systems. D. B. Replogle. 2,142,149; Jan. 3.
Tubular gas heater. C. Keller. 2,174,663; Oct. 3.
Tubular lock. K. A. Brauning. 2,175,791; Oct. 10.
Tubular parts, Joining. S. Loftfield. 2,158,075; May 16.
Tubular structure, Composite. W. S. S. Yates. 2,172,429; Sept. 12.
Tubular structure embodying welded joint and making the same. H. S. George. 2,149,844; Mar. 7.
Tubular structures, Fabricating. A. S. Windeler. 2,182,330; Dec. 5.
Tubular suspension lamp. W. E. Anderson. 2,145,912; Feb. 7.
Tubular unit for boiler walls. T. E. Murray, Jr. 2,181,950; Dec. 5.
Tubular units. Production of certain. L. H. Hoffer. 2,154,448; Apr. 18.
Tufting a mattress. W. H. Morley. 2,146,084; Feb. 7.
Tufting head and collet construction, Combined. A. Fridolph. 2,171,926; Sept. 5.
Tufting machine. R. E. Baggett and J. Gordon. 2,143,678–9; Jan. 10.
Tufting machine. R. H. Bradwell. 2,143,677; Jan. 10.
Tufting machine. R. H. Bradwell. 2,171,825; Sept. 5.
Tufting machine. E. C. Covell. 2,176,957; Oct. 24.
Tufting machine. M. A. White. 2,143,680; Jan. 10.
Tumbler, Composite. W. A. Morton. 2,169,426; Aug. 15.
Tumbler decorating apparatus. J. H. Treece, H. L. Whitney, and H. W. Schneider. 2,183,230; Dec. 12
Tumbler-handling apparatus. H. R. Schutz. 2,164,285; June 27.
Tumbler lock. L. Gutman. 2,158,501; May 16.
Tumbler washer. R. C. Ashenden. 2,173,572; Sept. 19.

Tumblers and like articles, Washing or cleaning. A. Griffiths. 2,150,602; Mar. 14.
Tumbling mill. O. E. Zahn. 2,154,883; Apr. 18.
Tune indicating device for stringed musical instruments. F. J. Alyn. 2,153,736; Apr. 11.
Tuned circuit. E. E. Wickersham. 2,143,812; Jan. 10.
Tuner. H. Z. Benton. 2,177,683; Oct. 31.
Tuner, Automatic. L. J. Leishman. 2,162,282; June 13.
Tuner, High frequency. P. Ware. 2,163,647; June 27.
Tuner, Inductive. P. Ware. 2,163,645; June 27.
Tuning and selectivity control. W. A. MacDonald. 2,148,633; Feb. 28.
Tuning apparatus, Automatic. A. A. Collins. 2,174,552; Oct. 3.
Tuning apparatus for radio receivers. A. E. Gersch. 2,153,865; Apr. 11.
Tuning apparatus, Musical instrument. L. B. Holmes. 2,153,800; Apr. 11.
Tuning arrangement. C. W. Park. 2,153,205; Apr. 4.
Tuning arrangement, Automatic. N. P. Case. 2,174,566; Oct. 3.
Tuning arrangement with selective setting of predetermined frequencies. R. Prochnow. 2,182,352; Dec. 5.
Tuning circuit. P. Ware. 2,163,646; June 27.
Tuning condenser mounting. G. J. Barry. 2,171,441; Aug. 29.
Tuning control device. A. Strache and W. Klawun. 2,145,325; Jan. 31.
Tuning control for radio receivers or the like. M. W. Kenney and A. A. Gedde. 2,179,576; Nov. 14.
Tuning control system for high fidelity receivers. G. L. Beers. 2,166,675; July 18.
Tuning control system for radio receivers. V. T. Paré. 2,166,691; July 18.
Tuning device. A. Blain. 2,173,226; Sept. 19.
Tuning device. C. Hultsch. 2,180,110; Nov. 14.
Tuning device. W. G. Wheat. 2,177,760; Oct. 31.
Tuning device, Compact A. P. Bock. 2,147,425; Feb. 14.
Tuning device for radio receivers or the like. W. H. Grimditch, J. M. Bowman, and L. B. Glaser. 2,151,595; Mar. 21.
Tuning element for broadcast receiver sets. O. Wohlfarth. 2,159,754; May 23.
Tuning fork driving means. E. Norrman. 2,157,799; May 9.
Tuning fork, Temperature regulated. A. G. Cooley. 2,174,414; Sept. 26.
Tuning indication circuit. C. J. van Loon. 2,153,780; Apr. 11.
Tuning indicator. H. A. Wheeler. 2,159,240; May 23.
Tuning indicator and scale. N. M. Rust and N. Levin. 2,165,816; July 11.
Tuning indicator circuit. C. N. Kimball and E. W. Wilby. 2,159,802; May 23.
Tuning indicator circuit. K. Wilhelm. 2,164,979; July 4.
Tuning indicator for radio receivers. W. Mahnken. 2,171,129; Aug. 29.
Tuning indicator, Radio receiver. T. J. Weyers. 2,153,783; Apr. 11.
Tuning means of communication or signal equipment. E. Paschke. 2,183,723; Dec. 19.
Tuning mechanism for radio apparatus. L. F. Curtis and F. S. Coe. 2,156,679; May 2.
Tuning, Method and apparatus for increasing the sharpness of. B. A. Meininghaus. 2,173,851; Sept. 26.
Tuning of radio receiving apparatus, Method and device for remote. C. J. van Loon. 2,152,336; Mar. 28.
Tuning, Silent. C. S. Root. 2,182,678; Dec. 5.
Tuning system and apparatus, Automatic. A. A. Collins. 2,165,226; July 11.
Tuning system and apparatus, Automatic. A. A. Collins. 2,168,326; Aug. 8.
Tuning system for ultra-high-frequency radio apparatus. W. R. Koch. 2,157,855; May 9.
Tunnel and determining stream line contours, Wind. A. J. Kramer. 2,152,317; Mar. 28.
Tunnel construction. E. Schmidtmann. 2,149,232; Feb. 28.
Tunnel furnace. P. Scheloumow. 2,176,825; Oct. 17.
Tunnel lining. T. W. Moran. 2,172,030; Sept. 5.
Tunneling, Subaqueous. F. Donaldson. 2,154,233; Apr. 11.
Tunnels, Method of and apparatus for connecting concrete. F. Donaldson. 2,144,013; Jan. 17.
Turbine. J. Lowis. 2,173,786; Sept. 19.
Turbine. W. P. van Lammeren. 2,158,557; May 16.
Turbine apparatus. A. R. Allard. 2,143,466; Jan. 10.
Turbine apparatus. C. R. Soderberg. 2,174,806; Oct. 3.
Turbine arrangement, Elastic fluid. J. H. Doran. 2,161,617; June 6.
Turbine arrangement, Elastic fluid. G. B. Warren. 2,181,751; Nov. 28.
Turbine blade. H. W. Semar. 2,148,653; Feb. 28.
Turbine blades, Apparatus for attaching. A. R. Allard. 2,143,463; Jan. 10.
Turbine blades, Brazing. J. G. Morgan. 2,166,998; July 25.
Turbine-casing joint. J. H. Doran. 2,169,092; Aug. 8.
Turbine casing joint. H. F. Schmidt. 2,181,744; Nov. 28.
Turbine, Combustion. O. B. Jacobs. 2,173,333; Sept. 19.
Turbine control system, Extraction. R. Sheppard. 2,144,550; Jan. 17.
Turbine diaphragm. A. R. Allard. 2,143,465; Jan. 10.
Turbine diaphragm. A. R. Allard. 2,143,467; Jan. 10.
Turbine diaphragms, Manufacturing. A. R. Allard. 2,143,462; Jan. 10.
Turbine diaphragms, Manufacturing. A. R. Allard. 2,143,464; Jan. 10.
Turbine, Double-acting wind. J. A. Johanson. 2,169,149; Aug. 8.
Turbine drill bit. J. A. Zublin. 2,184,068; Dec. 19.
Turbine drive, Automatic. I. C. Popper. 2,179,520; Nov. 14.
Turbine drive for locomotives. C. D. Young. 2,172,234; Sept. 5.
Turbine, Elastic fluid. O. D. H. Bentley. 2,184,661; Dec. 26.
Turbine, Elastic fluid. A. Lysholm. 2,162,957; June 20.
Turbine, Elastic fluid. G. B. Warren. 2,181,752; Nov. 28.
Turbine, Elastic fluid. E. Zetterquist. 2,147,874; Feb. 21.
Turbine elements, Making. H. F. Schmidt. 2,157,679; May 9.
Turbine engine. G. D. Sturtevant. 2,172,993; Sept. 12.
Turbine for combustion engines, Exhaust gas. F. P. Grutzner. 2,176,021; Oct. 10.
Turbine for low temperature gas separation. G. Zerkowitz. 2,165,994; July 11.
Turbine for ship propulsion, Elastic fluid. J. H. Doran. 2,180,140; Nov. 14.
Turbine, Gas. P. J. Scanlan. 2,170,952; Aug. 29.
Turbine, High temperature. R. Voigt. 2,173,489; Sept. 19.
Turbine, Hydraulic. R. V. Terry. 2,182,974; Dec. 12.
Turbine, Impulse. L. F. Moody. 2,156,921; May 2.
Turbine, Internal combustion. T. Jackson and G. W. Stanley. 2,174,266; Sept. 26.
Turbines, Making elastic fluid. J. H. Doran. 2,174,380; Sept. 26.
Turbines, Measuring tip clearances of steam. A. T. Morgan. 2,164,339; July 4.
Turbine plant, Elastic fluid. D. F. Warner. 2,181,002; Nov. 21.
Turbine plant, High pressure, high temperature. J. H. Doran. 2,175,884; Oct. 10.
Turbine protective arrangment. R. J. Caughey. 2,175,874–5; Oct. 10.
Turbine rotor. E. Kliemann. 2,157,827; May 9.
Turbine shaft and disk structure and the like, Elastic fluid. D. F. Warner. 2,157,838; May 9.
Turbine torque converter, Hydraulic. R. Fichtner. 2,145,005; Jan. 24.
Turbine transmission, Planetary. H. Schneider. 2,176,105; Oct. 17.
Turbine working with wet steam, Steam. U. Meininghaus. 2,145,886; Feb. 7.
Turbines, Making. A. Lysholm. 2,179,556; Nov. 14.
Turbo-machines, Preventing deterioration of. G. Darrieus. 2,149,510; Mar. 7.
Turbosupercharger. K. A. Browne. 2,165,448; July 11.
Turbulence strip for radiator tubes. W. R. Ramsaur. 2,161,887; June 13.
Turnbuckle. J. H. Gross. 2,165,478; July 11.
Turn-over apparatus for halved fruits. F. M. Thompson. 2,146,456; Feb. 7.
Turn-over device. G. W. Behnke. 2,160,581; May 30.
Turn signal. H. E. Cittell. 2,161,336; June 6.
Turnstile. H. A. Gersbach. 2,144,718; Jan. 24.
Turnstile. H. A. Gersbach and D. R. Bacon. 2,170,192; Aug. 22.
Turnstile. S. J. Liacos, now by change of name, S. J. Lewis. 2,146,150; Feb. 7.
Turnstile. H. B. Odell. 2,176,848; Oct. 17.
Turntable. G. A. Dodge, C. L. Meinholdt, and H. H. Mack. 2,157,404; May 9.
Turntable center. R. W. Young, Jr. 2,154,799; Apr. 18.
Turntable drive. J. Erwood. 2,161,148; June 6.
Turntable mechanism for presses. R. W. Dinzl. 2,174,569; Oct. 3.
Turner for doughnut machines. V. V. Gunsolley. 2,181,599; Nov. 28.
Turning and slotting device for commutators, etc. J. L. Mansfield. 2,145,091; Jan. 24.
Turning device. A. B. Bennes. 2,167,924; Aug. 1.
Turning device for cutter sleeves of doughnut machines. J. Wackler. 2,184,825; Dec. 26.
Turning table. A. E. Vosler. 2,157,642; May 9.
Tuyère. G. Fox. 2,145,649–50; Jan. 31.
Tuyère. K. Steinbacher. 2,178,654; Nov. 7.
Tweezers. W. L. Heilig. 2,165,374; July 11.
Twin contact plug. F. L. Reese. 2,157,919; May 9.
Twine dispenser. L. C. Osborne. 2,175,813; Oct. 10.
Twine dispenser. H. H. Rominger. 2,163,064; June 20.
Twister. D. W. Maxham. 2,143,203; Jan. 10.
Twister ring. G. Goodchild. 2,145,478; Jan. 31.
Twisting mechanism. W. M. Camp. 2,142,111; Jan. 3.
Twitch. H. F. Banholzer. 2,170,442; Aug. 22.
2-alkylhexahydrobenzthiazoles and 2-alkyl-hexahydrobenzselenazoles. W. Zeh. 2,173,491; Sept. 19.
Two-cycle engine. L. Dufour. 2,154,975; Apr. 18.
Two-cycle engine. J. Phillips. 2,150,185; Mar. 14.
Two-cycle engine. R. H. Schneider. 2,164,167; June 27.
2-ethylcrotonaldehyde, Making. H. L. Cox. 2,175,556; Oct. 10.
2,4-Dioxo-3,3-dialkyl-tetrahydro-pyridine-6-carboxylic acids and their manufacture. O. Schnider. 2,170,781; Aug. 22.
Two-hand control. W. C. Eickman. 2,182,018; Dec. 5.

2-methyl-5-chlor-methyl-6-amino pyrimidine hydrochloride, Preparing. G. A. Stein. 2,184,964; Dec. 26.
Two-part cap. E. M. Enkur. 2,144,287; Jan. 17.
Two-speed coaster brake. B. Lee. 2,182,025; Dec. 5.
Two-stroke engine. J. Ehrlich. 2,168,096; Aug. 1.
Two-stroke engine. F. Giró. 2,167,402; July 25.
Two-terminal low-pass coupling system. H. A. Wheeler. 2,167,136; July 25.
Two-tube deflecting circuit. H. Bähring. 2,178,772; Nov. 7.
Two-way coupling. F. A. Raddick. 2,163,212; June 20.
Two-way test and waste plug. J. Huber. 2,161,783; June 13.
Two-well method of electrical logging and apparatus therefor. P. F. Hawley. 2,183,565; Dec. 19.
Two-wheeled vehicle. E. S. Boynton. 2,147,732; Feb. 21.
Tying machine. B. H. Bunn. 2,182,959; Dec. 12.
Type. F. J. Weber. 2,165,429; July 11.
Type and method and apparatus for producing the same. G. E. Brinkerhoff. 2,151,583; Mar. 21.
Type bed and holder. E. C. Oliver. 2,164,162; June 27.
Type bed gib. S. A. Huffman. 2,167,154; July 25.
Type binding means. C. W. Johnson. 2,158,583; May 16.
Type case. J. F. Hall. 2,148,235; Feb. 21.
Type casting. G. S. Fuller. 2,146,502; Feb. 7.
Type casting machine. S. Myers and A. F. Camp. 2,156,638; May 2.
Type casting matrix. J. W. Quadt. 2,163,854; June 27.
Type characters, Photographically composing. W. C. Huebner. 2,180,417; Nov. 21.
Type composing and casting machine. B. S. Fine. 2,163,390; June 20.
Type composing machine. F. H. Poeppelmeier. 2,152,209; Mar. 28.
Type-composing machine, Photographic. L. Wenczler. 2,158,039; May 9.
Type composition, Production of machine-set. M. R. Dewhurst. 2,159,473; May 23.
Type control device, Follow-up. K. Blasig. 2,172,315; Sept. 5.
Type justifier. J. L. Nottingham. 2,175,969; Oct. 10.
Type metal to spaces of line-casting machines, Apparatus to prevent adhesion of. G. D. Kellar. 2,168,412; Aug. 8.
Type metal to spaces of line-casting machines, Method and apparatus to prevent adhesion of. G. D. Kellar. 2,168,411; Aug. 8.
Typesetting machine. F. H. Poeppelmeier. 2,152,854; Apr. 4.
Typewriter. M. L. Crane and G. W. Fisher. 2,151,191; Mar. 21.
Typewriter. K. D. Evans. 2,142,561; Jan. 3.
Typewriter. K. D. Evans. 2,158,066; May 16.
Typewriter. J. A. La Hiff. 2,156,697; May 2.
Typewriter. F. Metzger. 2,148,570; Feb. 28.
Typewriter. A. Vogt. 2,166,383; July 18.
Typewriter. C. Wittenmyer. 2,146,874; Feb. 14.
Typewriter and punch recorder, Combined. J. P. Buckley. 2,164,697; July 4.
Typewriter-card puncher, Combination. J. P. Buckley. 2,164,696; July 4.
Typewriter carriages, Noiseless return for. F. Wunderlich. 2,156,418; May 2.
Typewriter case. P. B. Witmer. 2,178,196; Oct. 31.
Typewriter escapement mechanism. J. F. Koca. 2,153,632; Apr. 11.
Typewriter machine. W. F. Helmond. 2,163,943; June 27.
Typewriter machine. W. F. Metzger. 2,174,059; Sept. 26.
Typewriter, Noiseless. R. Levi. 2,153,720; Apr. 11.
Typewriter, Power-operated. C. Chisholm. 2,165,223; July 11.
Typewriter ribbon. S. A. Neidich. 2,167,990; Aug. 1.
Typewriter ribbon. S. A. Neidich. 2,174,351; Sept. 26.
Typewriter type bar rest, Making a. W. F. Helmond. 2,171,696; Sept. 5.
Typewriter with type wheel and normal keyboard. S. Loewenbuck. 2,168,824; Aug. 8.
Typewriters and other mechanisms, Actuating means for. D. A. Roberts. 2,168,886; Aug. 8.
Typewriters, Attachment for. L. G. Alcorn. 2,156,829; May 2.
Typewriters, Removable attachment for. J. F. Koca. 2,153,631; Apr. 11.
Typewriting and accounting machine, Combined. C. K. Rainey. 2,183,920; Dec. 19.
Typewriting and calculating machine. R. Anschütz. 2,143,428; Jan. 10.
Typewriting and computing machine, Combined. A. G. F. Kurowski. 2,155,991; Apr. 25.
Typewriting and computing machine, Combined. H. L. Pitman. 2,156,481; May 2.
Typewriting and computing machine, Combined. H. L. Pitman. 2,160,487; May 30.
Typewriting and computing machine, Combined. H. L. Pitman. 2,168,538; Aug. 8.
Typewriting and computing machine, Combined. H. L. Pitman. 2,178,702; Nov. 7.
Typewriting and like machine. G. C. Going. 2,148,690; Feb. 28.
Typewriting and like machine. H. A. Heinrich. 2,182,150; Dec. 5.
Typewriting and like machines. E. S. Dodge. 2,146,057; Feb. 7.
Typewriting and the like machine. R. Rauscher. 2,148,877; Feb. 28.
Typewriting machine. F. Becker. 2,152,858; Apr. 4.
Typewriting machine. C. Chisholm. 2,165,224–5; July 11.
Typewriting machine. C. W. Crumrine. 2,157,053; May 2.
Typewriting machine. W. A. Dobson. 2,142,241; Jan. 3.
Typewriting machine. W. A. Dobson. 2,150,028; Mar. 7.
Typewriting machine. W. A. Dobson. 2,152,878; Apr. 4.
Typewriting machine. W. A. Dobson. 2,163,940–1; June 27.
Typewriting machine. W. A. Dobson. 2,168,516–18; Aug. 8.
Typewriting machine. W. A. Dobson. 2,171,688; Sept. 5.
Typewriting machine. W. A. Dobson. 2,172,007; Sept. 5.
Typewriting machine. W. A. Dobson. 2,178,681–2; Nov. 7.
Typewriting machine. W. A. Dobson. 2,184,735–6; Dec. 26.
Typewriting machine. R. D. Dodge. 2,156,975; May 2.
Typewriting machine. E. S. Hall. 2,175,602; Oct. 10.
Typewriting machine. H. J. Hart. 2,157,607; May 9.
Typewriting machine. H. J. Hart. 2,177,432; Oct. 24.
Typewriting machine. H. J. Hart. 2,182,433; Dec. 5.
Typewriting machine. W. F. Helmond. 2,142,245–6; Jan. 3.
Typewriting machine. W. F. Helmond. 2,146,821; Feb. 14.
Typewriting machine. W. F. Helmond. 2,152,848; Apr. 4.
Typewriting machine. W. F. Helmond. 2,155,989; Apr. 25.
Typewriting machine. W. F. Helmond. 2,156,475; May 2.
Typewriting machine. W. F. Helmond. 2,160,250–1; May 30.
Typewriting machine. W. F. Helmond. 2,163,944–5; June 27.
Typewriting machine. W. F. Helmond. 2,172,008; Sept. 5.
Typewriting machine. W. F. Helmond. 2,176,628; Oct. 17.
Typewriting machine. W. F. Helmond. 2,178,688–9; Nov. 7.
Typewriting machine. W. F. Helmond. 2,182,125; Dec. 5.
Typewriting machine. W. F. Helmond. 2,184,742; Dec. 26.
Typewriting machine. A. G. Kupetz. 2,152,892; Apr. 4.
Typewriting machine. A. G. F. Kurowski. 2,171,703; Sept. 5.
Typewriting machine. A. G. F. Kurowski. 2,184,746; Dec. 26.
Typewriting machine. C. R. Mabon. 2,158,585; May 16.
Typewriting machine. C. R. Mabon. 2,179,156; Nov. 7.
Typewriting machine. J. W. Miles. 2,150,237; Mar. 14.
Typewriting machine. L. C. Myers. 2,169,349; Aug. 15.
Typewriting machine. T. G. Nelson. 2,155,993; Apr. 25.
Typewriting machine. J. L. Petz. 2,165,301; July 11.
Typewriting machine. H. L. Pitman. 2,164,422; July 4.
Typewriting machine. H. L. Pitman. 2,168,448; Aug. 8.
Typewriting machine. D. Y. Read. 2,179,021; Nov. 7.
Typewriting machine. R. V. Reppert. 2,142,375; Jan. 3.
Typewriting machine. W. T. Sagner. 2,150,038; Mar. 7.
Typewriting machine. L. K. Seagrave. 2,185,137; Dec. 26.
Typewriting machine. J. A. B. Smith. 2,152,930; Apr. 4.
Typewriting machine. J. A. B. Smith. 2,160,254; May 30.
Typewriting machine. G. H. Sterling. 2,155,997; Apr. 25.
Typewriting machine. B. C. Stickney. 2,163,921; June 27.
Typewriting machine. V. H. Taggart. 2,177,915; Oct. 31.
Typewriting machine. R. G. Thompson. 2,142,260; Jan. 3.
Typewriting machine. R. G. Thompson. 2,155,999–2,156,001; Apr. 25.
Typewriting machine. R. G. Thompson. 2,160,297; May 30.
Typewriting machine. R. G. Thompson. 2,163,968; June 27.
Typewriting machine. A. Utz. 2,169,348; Aug. 15.
Typewriting machine. E. L. Wise. 2,179,705; Nov. 14.
Typewriting machine. C. Wittenmyer. 2,174,713; Oct. 3.
Typewriting machine. H. C. Yaeger. 2,156,614; May 2.
Typewriting machines, Escapement device for. K. R. Müller. 2,167,812; Aug. 1.
Typographic composing machine. R. C. Elliott. 2,159,475; May 23.
Typographical composing and distributing machine. F. C. Frolander and H. A. Burt. 2,155,588–9; Apr. 25.
Typographical composing machine. R. R. Mead. 2,166,726; July 18.
Typographical composing machine. L. E. Morrison. 2,144,431; Jan. 17.
Typographical equipment. J. E. Parker. 2,173,025; Sept. 12.
Typographical machine. R. R. Mead. 2,157,795; May 9.
Typographical machine. W. H. Medford. 2,153,150; Apr. 4.
Typographical machine line indicator. G. F. Gale. 2,154,267; Apr. 11.

Typographical machines, Assembler slide for. H. R. Freund. 2,169,974; Aug. 15.
Typographical single-type composing machine. J. du Four. 2,158,224; May 16.
Typographical slug casting machine. H. Ellis. 2,166,719; July 18.
Ultra short wave circuit. E. Gerhard and W. Ilberg. 2,153,181; Apr. 4.
Ultra short wave circuit. P. D. Zottu. 2,143,671; Jan. 10.
Ultraviolet lamp. P. H. Craig. 2,150,054; Mar. 7.
Umbrella. A. E. Henry. 2,164,242; June 27.
Umbrella. A. Marx. 2,173,305; Sept. 19.
Umbrella. G. Solomon. 2,172,549; Sept. 12.
Umbrella and producing the same, Self-rolling. A. Wright. 2,167,860; Aug. 1.
Umbrella and the like frame structure. A. E. Brandon. 2,144,141; Jan. 17.
Umbrella, Beach. J. A. Farhar. 2,183,833; Dec. 19.
Umbrella, Collapsible. H. Bernhard. 2,168,188; Aug. 1.
Umbrella, Folding. H. Haupt. 2,156,984; May 2.
Umbrella, Folding. H. Haupt. 2,157,335; May 9.
Umbrella, Folding. H. Haupt. 2,165,967; July 11.
Umbrella, Folding. W. A. Heilmann and W. Schultz. 2,150,971; Mar. 21.
Umbrella, Folding. E. Okun. 2,177,458; Oct. 24.
Umbrella, Folding or collapsible. G. F. Eeles. 2,143,978; Jan. 17.
Umbrella frame. K. Kortenbach. 2,169,650; Aug. 15.
Umbrella frame. G. Schaefer. 2,160,231; May 30.
Umbrella frame, Foldable. S. Ono. 2,157,670; May 9.
Umbrella handle. R. U. Staley. 2,166,562; July 18.
Umbrella holder. H. J. Mott. 2,154,634; Apr. 18.
Umbrella holder. W. A. H. Wells. 2,176,779; Oct. 17.
Umbrella stick. M. Leon. 2,149,059; Feb. 28.
Unbalance in rotatable bodies, Mechanism for automatically determining and indicating. B. E. Ohlson. 2,167,488; July 25.
Uncoiling mechanism. E. W. Mikaelson. 2,177,577; Oct. 24.
Uncoupling apparatus for pilot couplers. H. G. Larson. 2,146,220; Feb. 7.
Undercarriage, Aeroplane. J. P. Burke. 2,169,443; Aug. 15.
Underclearer and mounting therefor in textile spinning, doubling, twisting, and like machines. J. Pilling. 2,145,630; Jan. 31.
Underclearer mounting in textile spinning, preparing, and like machines. W. Wilson. 2,158,921; May 16.
Underframe. A. G. Dean. 2,171,107; Aug. 29.
Underframe construction. A. H. Gerhardt and J. Whyte. 2,172,611; Sept. 12.
Undergarment. D. Blair. 2,180,390–1; Nov. 21.
Undergarment. P. S. Bloom. Re. 21,253; Oct. 31.
Undergarment. C. Bullinger. 2,171,354; Aug. 29.
Undergarment. W. C. Powell. 2,183,431; Dec. 12.
Undergarment. S. N. Weiner. 2,178,413; Oct. 31.
Undergarment, Knitted. C. R. Coppel, B. Morse, and V. D. Riseley. 2,176,790; Oct. 17.
Undergarment, Lady's. T. J. Smutny. 2,150,108; Mar. 7.
Undergarment, Lower. H. M. McDonald. 2,164,281; June 27.
Undergarment, One-piece. W. A. Blankenhorn. 2,149,416; Mar. 7.
Undergarment with elastic neck band, Knit. J. H. Crossingham. 2,157,482; May 9.
Undergarments, Reinforcement for. J. A. Goldfarb. 2,169,492; Aug. 15.
Underground valve. F. R. Coster. 2,184,516; Dec. 26.
Underreamer. G. M. Boulter. 2,180,452; Nov. 21.
Underreamer. W. B. Dunlap, Jr. 2,178,852; Nov. 7.
Undertaker's appliance. J. F. Benoit. 2,142,553; Jan. 3.
Undertaker's dressing table. E. H. Schmidt. 2,147,111; Feb. 14.
Undertaker's transfer device. R. H. Hills. 2,149,090; Feb. 28.
Unhairing process. W. H. Hill. 2,174,497; Sept. 26.
Unicycle, Water. W. E. Nilsson. 2,169,391; Aug. 15.
Union assembly. W. H. Miller. 2,144,117; Jan. 17.
Unit building construction. H. M. Grant. 2,154,897; Apr. 18.
Unit drive mixing machine. A. C. Christensen. 2,176,207; Oct. 17.
Unit for applying cement pneumatically. H. L. Ekin. 2,176,332; Oct. 17.
Unit tank heater. G. T. Ellis. 2,174,318; Sept. 26.
Unit ventilator. J. T. Midyette. 2,154,523; Apr. 18.
Universal coupling. F. M. Guy. 2,142,784; Jan. 3.
Universal coupling. W. V. Magee and L. L. Miller. 2,153,093; Apr. 4.
Universal head. C. Rapp. 2,180,214; Nov. 14.
Universal joint. G. W. Bill. 2,156,106; Apr. 25.
Universal joint. F. Briese. 2,149,907; Mar. 7.
Universal joint. H. J. De Coudres. 2,171,059; Aug. 29.
Universal joint. F. C. Fett and R. K. Goddard. 2,153,415; Apr. 4.
Universal joint. N. S. Focht. 2,149,763; Mar. 7.
Universal joint. H. Frauenthal and S. R. Thomas. 2,174,223; Sept. 26.
Universal joint. T. P. Leaman. 2,149,352; Mar. 7.
Universal joint. J. E. Padgett. 2,161,234; June 6.
Universal joint. J. W. B. Pearce. 2,171,313; Aug. 29.
Universal joint. F. W. Sampson. 2,154,077; Apr. 11.
Universal joint. N. Trbojevich. 2,176,111; Oct. 17.
Universal joint. F. A. Ward. 2,150,952; Mar. 21.
Universal joint. A. Weiland. 2,171,999; Sept. 5.
Universal joint. R. L. Wonderly. 2,170,315; Aug. 22.
Universal joint, Torque transmitting. A. H. Rzeppa. 2,150,942; Mar. 21.
Universal mounting. H. W. Evans. 2,181,126; Nov. 28.
Universal shaft coupling. J. J. Cufflin. 2,179,921; Nov. 14.
Universal valve. R. Clade. 2,184,513; Dec. 26.
Unloader. L. F. Schau. 2,147,992; Feb. 21.
Unloader for compressors. W. H. Noble. 2,165,938; July 11.
Unloader, Multistep intake. C. Wainwright. 2,170,358; Aug. 22.
Unloader, Pneumatic. B. F. Gregoric. 2,179,408; Nov. 7.
Unloading apparatus. L. Yarwood. 2,181,355; Nov. 28.
Upholstery. C. H. Gerlofson. 2,179,148; Nov. 7.
Upholstery clip. C. J. Rennekamp. 2,166,553; July 18.
Upholstery clip. C. J. Rennekamp. 2,174,073; Sept. 26.
Upholstery construction. C. E. Lenz, Jr., and R. A. Parker. 2,160,971; June 6.
Upholstery forming machine. C. W. Avery. 2,184,660; Dec. 26.
Upholstery pad, Resilient. S. A. Walker. 2,174,711; Oct. 3.
Upholstery padding material. J. A. Howard. 2,159,213; May 23.
Upholstery stuffing treatment and product. E. O. Whiteley. 2,146,870; Feb. 14.
Upper uniting machine. B. W. Freeman. 2,149,594; Mar. 7.
Uppers, Process and machine for trimming. G. D. Marcy. 2,174,589; Oct. 3.
Upright printing press. W. M. Kelly. 2,162,725; June 20.
Uranium and vanadium from their ores, Obtaining. R. D. Nye and D. J. Demorest. 2,173,523; Sept. 19.
Urea-formaldehyde condensation products, Preparation of. S. L. M. Saunders and L. W. Coveney. 2,174,012; Sept. 26.
Urea-formaldehyde reaction product. L. Smidth. 2,174,535; Oct. 3.
Urea-formaldehyde resin solution, Stable. O. R. Ludwig. 2,175,475; Oct. 10.
Urea suitable for medicinal purposes, Symmetrical aromatic. A. Coulthard. 2,164,229; June 27.
Urethane substances containing carboxyl or sulphonic acid groups, Producing. H. Ulrich and P. Koerding. 2,157,362; May 9.
Urethanes, Acyloxy mercury. K. Miescher and K. Hoffmann. 2,156,598; May 2.
Urn, Coffee. J. N. Shaw. 2,174,096; Sept. 26.
Urn, Coffee. L. Wertheimer. 2,175,332; Oct. 10.
Utensil. M. Latham. 2,163,733; June 27.
Utensil assembly, Cooking. L. G. Howlett. 2,177,487; Oct. 24.
Utensil, Automatic electric cooking. A. C. Wilcox. 2,152,122; Mar. 28.
Utensil, Broiler. S. Leibow. 2,179,939; Nov. 14.
Utensil, Cooking. J. P. Crews. 2,177,171; Oct. 24.
Utensil, Cooking. R. G. Fishel. Re. 21,214; Sept. 26.
Utensil, Cooking. B. Hamblet. 2,176,400; Oct. 17.
Utensil, Cooking. B. A. Rutenber. 2,152,924; Apr. 4.
Utensil, Cooking. P. Schlumbohm. 2,174,425; Sept. 26.
Utensil, Cooking. L. H. Scurlock. 2,151,535; Mar. 21.
Utensil, Cooking. J. G. Wagner. 2,170,880; Aug. 29.
Utensil, Cooking and baking. K. Stuart. 2,170,040; Aug. 22.
Utensil, Dresser set. W. Steinen. 2,175,709; Oct. 10.
Utensil, Electric culinary. R. E. Gunther. 2,164,813; July 4.
Utensil handle. S. A. Platt. 2,159,728; May 23.
Utensil handle, Cooking. D. R. Mattoon. 2,162,961; June 20.
Utensil, Heating. M. E. Benesh. 2,172,952; Sept. 12.
Utensil, Kitchen. M. Greene and L. Udey. 2,156,014; Apr. 25.
Utensil, Kitchen. W. E. Thompson. 2,180,648; Nov. 21.
Utensil, Olive. E. H. Gross. 2,184,216; Dec. 19.
Utensil, Pipe smoker's. J. H. Doncourt. 2,179,926; Nov. 14.
Utensil plug. E. B. Barnitz. 2,158,922; May 16.
Utility box, Leather. L. G. Stanley. 2,146,658; Feb. 7.
Utility cabinet. T. B. Stetzer. 2,156,131; Apr. 25.
Utility cabinet, Returnable. W. S. Forbes. 2,181,399; Nov. 28.
Utility indicator. R. C. Da Voll. 2,148,806; Feb. 28.
Utility light. F. F. Dickson. 2,168,118; Aug. 1.
Utility rack. C. S. Hedquist, G. A. Johnson, and E. A. Malmberg. 2,144,534; Jan. 17.
Utility table. M. E. Hiller. 2,160,144; May 30.
Utility table for motor vehicles. R. G. Hawksely. 2,168,210; Aug. 1.
Utility tool. W. R. Cothern. 2,157,481; May 9.
V-belt shifting means for cone pulleys. M. F. Phelps. 2,162,968; June 20.
V-pulley. R. B. Gray. 2,176,335; Oct. 17.
Vaccinator. T. K. Dorsett. 2,179,501; Nov. 14.
Vaccine, Anthrax. H. M. Winegarden. 2,151,364; Mar. 21.
Vacua, High. J. G. Baxter. 2,147,479; Feb. 14.
Vacua, Production of. K. C. D. Hickman. 2,150,685; Mar. 14.
Vacuum apparatus. L. Blumer. 2,151,679; Mar. 28.
Vacuum breaker. W. C. Shanley. 2,161,204; June 6.
Vacuum breaker. W. E. Sloan. 2,159,056; May 23.

Vacuum breaker. J. P. Wolff. 2,155,520; Apr. 25.
Vacuum breaker for flush valves, Adjustable. V E. Schmiedeknecht. 2,171,734; Sept. 5.
Vacuum cleaner. C. A. Brewer. 2,184,731–2; Dec. 26.
Vacuum cleaner. C. A. Brock. 2,158,717; May 16.
Vacuum cleaner. C. L. Brown, Jr. 2,176,119; Oct. 17.
Vacuum cleaner. D. M. Dow. 2,149,588; Mar. 7.
Vacuum cleaner. D. M. Dow. 2,156,805; May 2.
Vacuum cleaner. D. M. Dow. 2,168,899; Aug. 8.
Vacuum cleaner. D. M. Dow. 2,176,455; Oct. 17.
Vacuum cleaner. A. Erikson-Jons. 2,149,135; Feb. 28.
Vacuum cleaner. C. O. Ernolf. 2,157,693; May 9.
Vacuum cleaner. E. Faber. 2,151,842; Mar. 28.
Vacuum cleaner. S. Fagerberg. 2,143,144; Jan. 10.
Vacuum cleaner. N. Genell. 2,177,588; Oct. 24.
Vacuum cleaner. D. Hays and G. W. Dunham. 2,172,973; Sept. 12.
Vacuum cleaner. G. E. Lofgren. 2,155,669; Apr. 25.
Vacuum cleaner. G. E. Lofgren. 2,171,856; Sept. 5.
Vacuum cleaner. G. E. Lofgren. 2,174,443–4; Sept. 26.
Vacuum cleaner. G. E. Lofgren. 2,176,139; Oct. 17.
Vacuum cleaner. G. E. Lofgren. 2,182,343; Dec. 5.
Vacuum cleaner. E. S. Lynger. 2,153,580; Apr. 11.
Vacuum cleaner. B. C. Milner and F. Riebel, Jr. 2,176,467; Oct. 17.
Vacuum cleaner. R. P. Mortensen. 2,180,930; Nov. 21.
Vacuum cleaner. W. C. Reed. 2,154,773; Apr. 18.
Vacuum cleaner. W. C. Reed. 2,180,694; Nov. 21.
Vacuum cleaner. F. Riebel, Jr. 2,165,677; July 11.
Vacuum cleaner. F. Riebel, Jr., and D. M. Dow. 2,165,678; July 11.
Vacuum cleaner. L. B. Salt. 2,164,002; June 27.
Vacuum cleaner. E. L. Schellens. 2,172,180; Sept. 5.
Vacuum cleaner. D. C. Spooner. 2,146,602; Feb. 7.
Vacuum cleaner. G. D. Welles and F. Riebel, Jr. 2,177,969; Oct. 31.
Vacuum cleaner bag. R. T. White. 2,174,730; Oct. 3.
Vacuum cleaner filter. T. E. D. Bilde. 2,183,737; Dec. 19.
Vacuum cleaner filter. H. A. Kroenlein. 2,156,857; May 2.
Vacuum cleaner, Portable. J. F. Billmyre. 2,152,756; Apr. 4.
Vacuum cleaning apparatus. W. van Berkel. 2,171,248; Aug. 29.
Vacuum controlling means for internal combustion engines. W. R. Walker. 2,144,131; Jan. 17.
Vacuum device. A. Khuen-Kryk. 2,181,487; Nov. 28.
Vacuum device, Fluid operated. G. O. Taylor. 2,164,552; July 4.
Vacuum discharge apparatus. E. Gerecke. 2,171,930; Sept. 5.
Vacuum distillation. K. C. D. Hickman. 2,165,378; July 11.
Vacuum drier. C. Hagen. 2,166,351; July 18.
Vacuum extractor. H. W. Birch. 2,142,711; Jan. 3.
Vacuum frame. L. Hughes. 2,173,168; Sept. 19.
Vacuum heating pump. L. B. Gruman. 2,176,658; Oct. 17.
Vacuum, High. N. D. Embree. 2,150,676; Mar. 14.
Vacuum, High. K. C. D. Hickman. 2,160,863; June 6.
Vacuum, High. K. C. D. Hickman and J. G. Baxter. 2,147,488; Feb. 14.
Vacuum holder. W. C. Huebner. 2,174,882; Oct. 3.
Vacuum matrix control. H. A. W. Wood and C. J. Strang. 2,173,990; Sept. 26.
Vacuum power clutch. J. H. K. and H. J. de N. McCollum. 2,181,491; Nov. 28.
Vacuum preparation of compounds. W. I. McGowan. 2,153,970; Apr. 11.
Vacuum-producing apparatus. R. A. Bowman. 2,170,802; Aug. 29.
Vacuum pump. J. P. Johnson. 2,156,340; May 2.
Vacuum receptacle, Double-walled. A. A. Thomas. 2,144,820; Jan. 24.
Vacuum rectifying column. K. C. D. Hickman. 2,176,498; Oct. 17.
Vacuum scrubber. J. H. Longshore, D. E. Smalley and E. L. Petty. 2,149,453; Mar. 7.
Vacuum sealed container. J. E. Harwood, Jr. 2,152,643; Apr. 4.
Vacuum siruping machine. J. Kantor. 2,174,420; Sept. 26.
Vacuum switch. S. N. Baruch. 2,180,661; Nov. 21.
Vacuum tube. E. D. McArthur. 2,142,857; Jan. 3.
Vacuum tube. H. A. Wheeler. 2,154,141; Apr. 11.
Vacuum tube sweep circuit. F. N. Jacob. 2,162,335; June 13.
Vacuumizing device for containers. G. J. Overmyer. 2,157,624; May 9.
Vaginal diaphragm inserter. O. W. Graveley. 2,182,121; Dec. 5.
Vaginal preparations. M. L. Crossley. 2,149,240; Feb. 28.
Vaginal seal. L. W. Chalmers. 2,176,391; Oct. 17.
Valance-supporting device. R. Hoefner. 2,172,658; Sept. 12.
Valuable products from ketols and/or aldols, Production of. S. H. McAllister, C. M. Bouton, and W. A. Bailey, Jr. 2,148,294; Feb. 21.
Value transferring mechanism. F. Pott. 2,173,636; Sept. 19.
Values from phosphate rock, Recovering. W. R. Seyfried. 2,152,364; Mar. 28.
Values of components of an electromotive force, System for indicating the. W. Geyger. 2,171,978; Sept. 5.

Valve: *See*—
Adjustable relief valve.
Air control valve.
Air valve.
Air vent valve.
Antisiphon valve.
Antisiphoning valve.
Automatic check and shut-off valve.
Automatic check valve.
Automatic choke valve.
Automatic drain valve.
Automatic valve.
Balanced double seated valve.
Blow-off valve.
Blower valve.
Bottle filling machine valve.
Bottle filling valve.
Burner valve.
Butterfly valve.
By-pass valve.
Carburetor float valve.
Check valve.
Compensating poppet valve
Compressor shut-off valve.
Control valve.
Cut-off valve.
Disk type valve.
Dispensing valve.
Distributing valve.
Diving suit valve.
Double acting air valve.
Double-acting check valve.
Drain valve.
Drifting valve.
Drill stem valve.
Drilling valve.
Engine valve.
Excess flow check valve.
Exhalation valve.
Faucet or like valve.
Feed control valve.
Filler valve.
Filling valve.
Float valve.
Flow check and plug valve.
Flow controlling valve.
Flow reversing valve.
Flow valve.
Fluid control valve.
Liuid dispensing valve.
Fluid mixing valve.
Flush tank valve.
Flush valve.
Flushing valve.
Fuel-oil control valve.
Gas filler valve.
Gas valve.
Gate valve.
High pressure valve.
Hinge and flow valve.
Hold-down valve.
Holding valve.
Hose valve.
Hot blast valve.
Hydraulic control valve.
Hydraulic shock absorber valve.
Hydraulic valve.
Inflation valve.
Internal combustion engine valve.
Lacquer dispensing valve.
Light valve.
Liquid dispensing valve.
Lubricated plug valve.
Lubricated valve.
Magnetic valve.
Manifold valve.
Mechanical valve.
Metering valve.
Mixing valve.
Motor operated valve.
Mud pump valve.
Multiple-way valve.
Nonrefill bottle valve.
Oil control valve.
Outlet control valve.
Overflow and pressure valve.
Piston and flush valve.
Piston valve.
Plug valve.
Plunger valve.
Pneumatic control valve.
Pop valve.
Poppet valve.
Pressing machine steam valve.
Pressure actuated valve.
Pressure control valve.
Pressure regulating valve.
Pressure relief valve.
Pressure-sustaining valve.
Primer valve.
Pump and control valve.
Pump regulating valve.
Pump valve.
Radiator inlet valve.
Radiator valve.
Reciprocating valve.
Reducing valve.
Regulator valve.
Relief valve.
Removable float valve.
Rotary valve.
Serial multiway valve.
Shut-off valve.
Solenoid actuated valve.
Solenoid valve.
Spigot valve.
Steam radiator valve.
Steam engine valve.
Stop valve.
Supply valve.
Tank ball valve.
Tank cap and vent valve.
Tank truck valve.
Tank valve.
Thermal fluid mixing valve.
Thermionic valve.
Thermostatic valve.
Thermostatically controlled valve.
Tire valve.
Trap seal valve.
Underground valve.
Universal valve.
Water valve.
Well casing control valve.
Well flowing valve.

Valve. A. C. Arbogast. 2,146,878; Feb. 14.
Valve. J. Ashworth. 2,180,188; Nov. 14.
Valve. E. T. W. Bailey. 2,174,547; Oct. 3.
Valve. H. E. Ballard. 2,175,867; Oct. 10.
Valve. L. C. Baumgarten. 2,162,832; June 20.
Valve. C. E. Berstler. 2,152 428; Mar. 28.
Valve. R. Bischoff. 2,168,254–5; Aug. 1.
Valve. A. O. Boehm. 2,172,079; Sept. 5.
Valve. N. Borresen. 2,154,228; Apr. 11.
Valve. P. A. Bouchard. 2,147,084; Feb. 14.
Valve. E. E. Brosius. 2,156,967; May 2.
Valve. H. J. M. Burdick. 2,185,016; Dec. 26.
Valve. J. L. Corcoran. 2,151,501; Mar. 21.
Valve. C. S. Crickmer and H. C. Glitsch. 2,143,055; Jan. 10.
Valve. B. Cyr. 2,180,800; Nov. 21.
Valve. J. A. Dickinson. 2,184,892; Dec. 26.
Valve. V. L. Du Bois. 2,162,840; June 20.
Valve. L. W. Eggleston. 2,146,696; Feb. 7.
Valve. H. F. Eken. 2,151,466; Mar. 21.
Valve. W. M. Ewart. 2,172,935; Sept. 12.
Valve. B. E. Folke. 2,151,657; Mar. 21.
Valve. J. S. Forbes. 2,144,754; Jan. 24.
Valve. J. F. Ford. 2,153,458; Apr. 4.
Valve. W. B. Foulke. 2,183,835; Dec. 19.
Valve. T. Gannestad. 2,174,416; Sept. 26.
Valve. F. R. Goehring. 2,169,044; Aug. 8.
Valve. D. D. Goldberg. 2,169,526; Aug. 15.
Valve. H. R. Goodale. 2,177,649; Oct. 31.

Valve. R. D. Grantham and G. L. Gray. 2,146,470; Feb. 7.
Valve. L. O. Gunderson and O. W. Carrick. 2,173,362; Sept. 19.
Valve. C. Hagen. 2,151,511; Mar. 21.
Valve. K. Halle. 2,151,596; Mar. 21.
Valve. J. D. Hanna. 2,174,786; Oct. 3.
Valve. E. A. Hansen. 2,180,320; Nov. 14.
Valve. J. Hansen. 2,158,070; May 16.
Valve. W. H. Hendricks. 2,153,559; Apr. 11.
Valve. F. Hinrichs. 2,156,498; May 2.
Valve. L. C. Jordan. 2,167,952; Aug. 1.
Valve. J. F. Kyes. 2,154,945; Apr. 18.
Valve. J. F. Kyes and H. J. Hastedt. 2,177,301; Oct. 24.
Valve. M. P. Laurent. 2,161,175; June 6.
Valve. H. B. Lee. 2,181,059; Nov. 21.
Valve. M. R. Lieb and W. W. Wassum. 2,152,551; Mar. 28.
Valve. J. W. MacClatchie. 2,178,876; Nov. 7.
Valve. H. E. Malone. 2,151,040; Mar. 21.
Valve. N. Marcus. 2,177,354; Oct. 24.
Valve. R. D. Marx. 2,165,639; July 11.
Valve. H. B. McLaughlin. 2,146,684; Feb. 7.
Valve. H. W. Nevin. 2,163,800; June 27.
Valve. R. A. Norbom. 2,162,743; June 20.
Valve. S. J. Nordstrom. 2,144,080; Jan. 17.
Valve. S. J. Nordstrom. 2,146,404; Feb. 7.
Valve. S. J. Nordstrom. 2,146,910; Feb. 14.
Valve. S. J. Nordstrom. 2,177,873; Oct. 31.
Valve. C. A. Olson. 2,174,861; Oct. 3.
Valve. J. G. Parsons. 2,165,649; July 11.
Valve. G. Raymond. 2,146,092; Feb. 7.
Valve. A. P. Ricard. 2,169,452; Aug. 15.
Valve. H. Roberts and C. H. Robertson. 2,151,442; Mar. 21.
Valve. C. A. Rudolph and E. C. McCutcheon. 2,151,050; Mar. 21.
Valve. J. P. Ryan. 2,144,125; Jan. 17.
Valve. J. M. Sauls. 2,165,874; July 11.
Valve. J. M. Shimer. 2,163,472; June 20.
Valve. G. Sifkovitz. 2,179,165; Nov. 7.
Valve. S. Sorensen. 2,150,254; Mar. 14.
Valve. C. W. Sproull. Re. 21,113; June 13.
Valve. E. Twigg. 2,154,880; Apr. 18.
Valve. H. G. Vance. 2,171,613; Sept. 5.
Valve. F. L. White. 2,179,460; Nov. 7.
Valve. F. J. Williams. 2,152,831; Apr. 4.
Valve actuating mechanism. G. D. Johnson. 2,157,263; May 9.
Valve actuating mechanism. F. W. Severin. 2,176,015; Oct. 10.
Valve actuating mechanism. B. Wheeler. 2,151,647; Mar. 21.
Valve actuator. T. J. Beregh. 2,151,074; Mar. 21.
Valve adjustment. C. E. Johnson. 2,145,485; Jan. 31.
Valve amplifying circuit. L. E. Barton. 2,151,829; Mar. 28.
Valve and control system therefor. J. R. Williams. 2,145,146; Jan. 24.
Valve and controlling arrangement therefor, Gas. W. Lorenz and C. Steinhardt. 2,158,787; May 16.
Valve and converting system, Control. J. Phillips. 2,173,857; Sept. 26.
Valve and cooling means therefor. R. C. Schlorf. 2,154,871; Apr. 18.
Valve and distributor mechanism, Unitary expansion. J. L. Shrode. 2,144,898; Jan. 24.
Valve and enclosure plate for high pressure reaction vessels, Combination. J. L. Stecher and H. H. Parker. 2,170,353; Aug. 22.
Valve and hatch for tanks, Breather. P. B. Drane. 2,169,410; Aug. 15.
Valve and heat interchange mechanisms, Making float. R. H. Money. 2,152,812; Apr. 4.
Valve and internal combustion engine construction and lubrication, Rotary. A. D. Snyder. 2,154,782; Apr. 18.
Valve and making the same. F. C. Crawford. 2,162,063; June 13.
Valve and mixing device. W. H. Brush. 2,159,129; May 23.
Valve and tester, Combination relief. J. F. Webster. 2,178,901; Nov. 7.
Valve and water supply mechanism. A. C. Brown. 2,173,070; Sept. 12.
Valve apparatus. D. D. Goldberg and A. R. Kligman. Re. 20,973; Jan. 10.
Valve apparatus. D. D. Goldberg and A. R. Kligman. 2,153,885; Apr. 11.
Valve assembly. H. H. Bixler. 2,162,570; June 13.
Valve assembly, Self-grinding flushing. B. T. Long. 2,164,996; July 4.
Valve bag. J. N. Tooker. 2,177,122; Oct. 24.
Valve bodies and the resulting valve bodies, Producing integral wrought. E. S. Cornell, Jr. 2,147,243; Feb. 14.
Valve bodies, Producing integral wrought metal. E. S. Cornell, Jr. 2,165,228; July 11.
Valve body, Integral wrought metal. E. S. Cornell, Jr. 2,147,244; Feb. 14.
Valve body or fitting. T. A. Larry and E. E. Cline. 2,171,938; Sept. 5.
Valve cage for tank emergency valves, Detachable. W. Meyer and H. C. Krone. 2,164,039; June 27.
Valve circuit, Electric. D. E. Chambers. 2,167,498; July 25.
Valve circuit, Electric. W. F. Westendorp. 2,146,610; Feb. 7.
Valve circuit, Thermionic. J. W. Whiteley. 2,144,039; Jan. 17.
Valve circuits, Thermionic. E. F. Goodenough. 2,168,870; Aug. 8.
Valve construction. E. A. Corbin, Jr. 2,177,349; Oct. 24.
Valve construction. R. A. Garverick. 2,164,911; July 4.
Valve construction. F. M. Hudson. 2,155,550; Apr. 25.
Valve construction. T. J. Litle, Jr. 2,175,718; Oct. 10.
Valve construction. J. M. Nickelson. 2,159,289; May 23.
Valve construction. J. J. Seaver. 2,152,774; Apr. 4.
Valve control. G. H. Acker. 2,151,176; Mar. 21.
Valve control. G. J. Garrett. 2,176,399; Oct. 17.
Valve control for steam locomotives, Poppet. H. Lentz. 2,158,331; May 16.
Valve control, Light. M. J. Johnson. 2,151,474; Mar. 21.
Valve control mechanism. S. Mayner. 2,155,796; Apr. 25.
Valve control mechanism. E. A. Milhaupt. 2,151,278; Mar. 21.
Valve-control mechanism for steam engines. H. Lindars. 2,178,236; Oct. 31.
Valve control mechanism, Pneumatic Diesel air chamber. B. Loeffler. 2,142,950; Jan. 3.
Valve control, Multiple. H. J. M. Burdick. 2,174,965; Oct. 3.
Valve control, Pipe line automatic. C. L. Wait. 2,148,410; Feb. 21.
Valve control system. H. Korndörfer. 2,175,902; Oct. 10.
Valve control system, Electric. D. E. Chambers. 2,174,379; Sept. 26.
Valve control system, Electric. E. Kern. 2,148,049; Feb. 21.
Valve control system, Electric. H. Winograd. 2,164,792; July 4.
Valve control system, Electric. H. Winograd. 2,175,724; Oct. 10.
Valve control unit. G. H. Acker. 2,151,493; Mar. 21.
Valve converting system. A. Schmidt, Jr. 2,178,438; Oct. 31.
Valve converting system, Electric. I. K. Dortort. 2,164,765; July 4.
Valve converting system, Electric. C. C. Herskind. 2,157,897; May 9.
Valve converting system, Electric. Y. Matusita. 2,180,991; Nov. 21.
Valve converting system, Electric. M. M. Morack. 2,151,560; Mar. 21.
Valve converting system, Electric. C. A. Sabbah. 2,180,998; Nov. 21.
Valve converting system, Electric. A. Schmidt, Jr. 2,166,825; July 18.
Valve converting system, Electric. H. J. Schmiedel. 2,177,500; Oct. 24.
Valve converting system, Electric. W. F. Westendorp. 2,159,827; May 23.
Valve converting system, Electric. C. H. Willis. 2,179,366; Nov. 7.
Valve device for use in metering liquids, Float. C. K. Bassett. 2,171,620; Sept. 5.
Valve device, Pressure fluid control. A. D. Della Chiesa and L. P. Froehlich. 2,184,413; Dec. 26.
Valve device, Triple. C. C. Farmer. 2,173,936; Sept. 26.
Valve diaphragm. S. Schuloff. 2,160,757; May 30.
Valve element, Chrome steel alloy. P. Payson, L. S. Bergen, and W. L. Hodapp. 2,163,561; June 20.
Valve for abrading apparatus. W. A. Rosenberger. 2,146,917; Feb. 14.
Valve for air-controlled instruments, Rolling. D. G. K. Moss. 2,183,939; Dec. 19.
Valve for allowing intermittent supply of liquid, Float-operated. H. H. B. Lund. 2,145,052; Jan. 24.
Valve for automatic control of supplementary liquids. L. B. Kimball. 2,167,266; July 25.
Valve for blast machines. J. E. Huff. 2,177,888; Oct. 31.
Valve for boilers, Automatic feed water. R. Mahler. Re. 21,140; July 4.
Valve for brake systems. R. E. Scott. 2,155,873; Apr. 25.
Valve for brass wind instruments. C. N. M. Wornell. 2,149,714; Mar. 7.
Valve for chokes. G. A. Humason. 2,173,743; Sept. 19.
Valve for combustion engines, Internally cooled. C. Gross. 2,162,304; June 13.
Valve for combustion engines, Thermostatic air. P. Arrighi. 2,145,230; Jan. 31.
Valve for compressed air reservoirs, Automatic drain. F. P. Frankford. 2,162,549; June 13.
Valve for compressors and the like, Discharge. A. Trask. 2,161,769; June 6.
Valve for concrete and the like. C. F. Ball. 2,175,074; Oct. 3.
Valve for container-treating machines, Transfer. J. H. Gordon, Jr. 2,172,375; Sept. 12.
Valve for containers, Discharge. A. L. Anderson. 2,170,395; Aug. 22.
Valve for control of mediums under pressure. G. P. Haynes. 2,160,657; May 30.

Valve for controlling the flow of liquids to bottles and other receptacles. F. Rodgers. 2,154,583; Apr. 18.
Valve for core drills. A. C. Catland and J. H. Howard. 2,160,305; May 30.
Valve for engine temperature control. H. B. Drapeau. 2,184,291; Dec. 26.
Valve for engines, Rotary. W. W. Large. 2,183,024; Dec. 12.
Valve for feed water heaters. E. Rawson. 2,157,774; May 9.
Valve for fluid pressure brakes on automotive vehicles, Controlling. H. Schmutz. 2,174,139; Sept. 26.
Valve for gas-fired fluid heaters, Control. H. J. Long. 2,154,518; Apr. 18.
Valve for heating systems. J. A. Parks, Jr. 2,156,865; May 2.
Valve for hydraulic brakes, Safety. J. H. Jobson. 2,149,295; Mar. 7.
Valve for hydraulic change-speed devices. A. Kégresse. 2,153,926; Apr. 11.
Valve for hydraulic presses, Prefill. E. Cannon. 2,152,837; Apr. 4.
Valve for hydraulic presses, Prefill. E. Cannon. 2,152,870; Apr. 4.
Valve for hydraulic pumping systems, Float. B. Share. 2,180,173; Nov. 14.
Valve for hydraulically operated machine tools, Control. A. S. Reid. 2,172,595; Sept. 12.
Valve for inflatable articles. S. D. Boynton. 2,176,565; Oct. 17.
Valve for inflated articles. J. T. Riddell. 2,142,414; Jan. 3.
Valve for internal combustion engines. G. W. Douglas and J. J. Dewey. 2,165,238; July 11.
Valve for internal combustion engines. R. Jardine. 2,157,610; May 9.
Valve for internal combustion engines, Combined intake and exhaust. W. E. H. Rhein. 2,160,000; May 30.
Valve for internal combustion engines, Fuel. C. Retschy. 2,157,571; May 9.
Valve for internal combustion engines, Rotary. W. D. Sykes. 2,158,386; May 16.
Valve for liquid elevating apparatus, Control. W. H. Exley and W. Haddon. 2,158,898; May 16.
Valve for liquid fuel burners, Shut-off. J. McDonald. 2,177,779; Oct. 31.
Valve for liquid pressure control systems, Controlling. E. C. S. Clench. 2,184,793; Dec. 26.
Valve for liquids of variable viscosities, Control. G. Wünsch. 2,158,737; May 16.
Valve for low pressures, Lubricated. F. Milliken. 2,145,628; Jan. 31.
Valve for motor vehicles, Sand. J. F. Madigan. 2,182,969; Dec. 12.
Valve for oil burners. J. T. Halas. 2,173,838; Sept. 26.
Valve for oil burners, Adjustable float. J. Widman. 2,172,647; Sept. 12.
Valve for pneumatic tires, Alarm. W. H. West. 2,166,384; July 18.
Valve for power transmission systems, Relief. W. Thomas. 2,164,669; July 4.
Valve for pump suction lines, Foot. W. K. McFarlin. 2,157,554; May 9.
Valve for refrigeration systems, Two-temperature thermostatic snap action. W. H. King. 2,142,903; Jan. 3.
Valve for rock drills. W. A. Smith, Jr. 2,169,887; Aug. 15.
Valve for sprayers. J. Fitch. 2,183,740; Dec. 19.
Valve for steam heating radiators, Vent. G. Levy. 2,159,484; May 23.
Valve for tank vehicles, Distributor control. J. A. Jensen and R. B. Ziegler. 2,160,741; May 30.
Valve for tanks, Relief. P. B. Drane. 2,183,448; Dec. 12.
Valve for tires and the like. O. Bothe. 2,162,603; June 13.
Valve for torches. G. L. Walker. 2,153,854; Apr. 11.
Valve for urinals, water closets and the like, Flushing. F. L. Dreyer and C. Bromley. 2,177,099; Oct. 24.
Valve for vacuum pack closures. C. J. Jesnig. 2,173,571; Sept. 19.
Valve for vehicle brakes. F. J. Tarris. 2,153,029; Apr. 4.
Valve for water systems, Control. H. Van Keuren and A. C. Wilkins. 2,182,268; Dec. 5.
Valve for water systems of railway cars. C. A. Campbell and W. A. Baldwin. 2,181,224; Nov. 28.
Valve for welding machines, Automatic. H. T. Platz. 2,151,563; Mar. 21.
Valve for well pump rods. W. J. Wranosky. 2,162,151; June 13.
Valve gear for reversible reciprocating fluid pressure engines, especially for locomotives. H. J. Lentz. 2,172,562; Sept. 12.
Vapor generator. E. G. Bailey. 2,170,342–3; Aug. 22.
Vapor generator. E. G. Bailey, P. R. Cassidy, R. M. Hardgrove, and G. D. Ebbets. 2,170,345; Aug. 22.
Valve grinding tool. B. H. Davis. 2,179,714; Nov. 14.
Valve handle, wheel, and the like. V. P. Rumely. 2,168,072; Aug. 1.
Valve housing and rotor. H. F. Vickers. 2,182,459; Dec. 5.
Valve lock. S. Farber. 2,161,509; June 6.
Valve locking device. W. Brauer. 2,182,278; Dec. 5.
Valve lubricating system. J. V. Pagliaroni. 2,149,898; Mar. 7.
Valve lubrication. G. P. Berry. 2,155,855; Apr. 25.
Valve manifold for tank trucks, Selective. L. L. Meyers. 2,185,061; Dec. 26.
Valve manufacture. D. D. Goldberg. 2,169,525; Aug. 15.
Valve means. A. C. Andreasen. 2,157,881; May 9.
Valve means, Control. E. J. Dunham and W. C. Yeakel. 2,167,106; July 25.
Valve means of gas meters. A. Bujnowski. 2,145,340; Jan. 31.
Valve mechanism. H. J. M. Burdick. 2,174,964; Oct. 3.
Valve mechanism. R. D. Conklin. 2,179,815; Nov. 14.
Valve mechanism. P. H. Gentzel. 2,145,870; Feb. 7.
Valve mechanism. P. S. Harper and G. F. Turner. 2,160,358; May 30.
Valve mechanism. J. Hileman. 2,153,834; Apr. 11.
Valve mechanism. W. Noble. 2,150,808; Mar. 14.
Valve mechanism. P. C. Temple. 2,154,964; Apr. 18.
Valve mechanism. D. F. Warner. 2,177,544; Oct. 24.
Valve mechanism, Check. E. M. Feighan. 2,172,371; Sept. 12.
Valve mechanism, Compensating. E. L. Dayton. 2,158,222; May 16.
Valve mechanism, Float-operated. E. E. McCormack. 2,143,204; Jan. 10.
Valve mechanism for compressors. R. C. Engelman. 2,160,401; May 30.
Valve mechanism for engines. F. Cormier. 2,181,872; Dec. 5.
Valve mechanism for motors of pumps. F. D. Butler. 2,183,539; Dec. 19.
Valve mechanism for motors of reciprocating pumps, Expansive fluid-actuated, pilot-controlled. F. D. Butler. 2,183,538; Dec. 19.
Valve mechanism for rock drills. E. F. Terry. 2,154,788; Apr. 18.
Valve mechanism for rock drills. E. F. Terry. 2,180,564; Nov. 21.
Valve mechanism for shock absorbers. D. B. D. Blake. 2,181,415; Nov. 28.
Valve mechanism for well heads, Control. A. J. and K. T. Penick. 2,144,228; Jan. 17.
Valve mechanism, Four-way. J. Evans. 2,182,982; Dec. 12.
Valve mechanism, Locomotive. F. G. Markey. 2,167,280; July 25.
Valve mechanism of fuel preheating controls. E. D. Jones. 2,169,321; Aug. 15.
Valve Mechanism, Reversing. J. R. Zwickl. 2,145,575; Jan. 31.
Valve mechanism, Thermostatic. J. A. Cerny. 2,161,773; June 3.
Valve mechanism, Water closet. H. A. Dellachiesa. 2,184,584; Dec. 26.
Valve motion for locomotive and marine steam engines, Rolling lever. H. J. Lentz. 2,182,925; Dec. 12.
Valve operating means. M. R. Lieb and W. W. Wassum. 2,173,210; Sept. 19.
Valve operating mechanism. E. C. Brisbane. 2,144,305; Jan. 17.
Valve operating mechanism. J. F. Duncan. 2,170,516; Aug. 22.
Valve operating mechanism. D. D. Goldberg. 2,166,840; July 18.
Valve-operating mechanism. M. P. Laurent. 2,166,304; July 18.
Valve operating mechanism. R. C. Russell. 2,158,730; May 16.
Valve operating mechanism. J. D. Turlay. 2,142,224; Jan. 3.
Valve operating mechanism, Engine. R. K. Lee. 2,154,573; Apr. 18.
Valve operating mechanism for engines. J. D. Turlay. 2,175,451; Oct. 10.
Valve operating mechanism for tank vehicles. J. H. De Frees. 2,183,987; Dec. 19.
Valve oscillator arrangement, Thermionic. D. F. George. 2,155,649; Apr. 25.
Valve protective system, Electric. M. Hürlimann. 2,170,499; Aug. 22.
Valve protective system, Electric. H. Winograd. 2,142,546; Jan. 3.
Valve protective system, Electric. H. Winograd. 2,169,202; Aug. 8.
Valve protective system, Electric. H. Winograd. 2,174,432; Sept. 26.
Valve refacing tool. R. P. Norton. 2,143,570; Jan. 10.
Valve replacement mechanism. F. B. Hale. 2,169,241; Aug. 15.
Valve sealing means for engines. H. D. J. Cantoni. 2,181,868; Dec. 5.
Valve seat. R. G. Hawker. 2,144,244; Jan. 17.
Valve seat. C. L. Stancliff. 2,165,311; July 11.
Valve seat for faucets. M. A. Smith. 2,172,073; Sept. 5.
Valve seat inset. R. W. Myers. 2,178,895; Nov. 7.
Valve seats, Making flexible. F. A. Welsmiller and A. Schneider. 2,174,337; Sept. 26.
Valve spring dampener. M. Ware. 2,178,444; Oct. 31.
Valve spring retainer. H. M. Oldham. 2,171,668; Sept. 5.
Valve stem. L. C. Broecker. 2,145,218; Jan. 24.
Valve stem. J. C. Crowley. 2,147,153; Feb. 14.
Valve stem. J. C. Crowley. 2,160,398; May 30.
Valve stem. S. T. Williams. 2,154,254; Apr. 11.

Valve stem and constructing same. A. E. Bronson and W. F. Goff. 2,152,373; Mar. 28.
Valve stem for inner tubes and the like, Rubber. G. W. Becker. 2,142,708; Jan. 3.
Valve stem grinding fixture. F. O. Albertson. 2,182,191; Dec. 5.
Valve stem grinding tool. P. Murrah. 2,182,543; Dec. 5.
Valve stems and apparatus therefor, Packing. D. D. Robertson and G. L. Briggs. 2,157,868; May 9.
Valve stems, Forming rubber-headed. S. T. Williams. 2,169,378; Aug. 15.
Valve stop, Adjustable throttle. E. H. Nieman. 2,179,380; Nov. 7.
Valve structure. C. E. Berstler. 2,145,208; Jan. 24.
Valve structure. L. A. Cornelius. 2,147,332; Feb. 14.
Valve structure. A. Keel. 2,157,240; May 9.
Valve structure. A. G. Mellinger. 2,178,182; Oct. 31.
Valve structure. E. H. Mueller. 2,142,368; Jan. 3.
Valve structure. V. J. Sedlon and E. W. Pierie. 2,149,367; Mar. 7.
Valve structure. E. G. Steffen. 2,183,825; Dec. 19.
Valve structure. D. D. Wile. 2,183,207; Dec. 12.
Valve structure and method of forming. G. Charlton. 2,183,254; Dec. 12.
Valve structure, Compressor. C. S. Cody. 2,151,746; Mar. 28.
Valve structure for musical instruments. A. Guidobaldi. 2,149,434; Mar. 7.
Valve structure, Safety control and oil leveling. G. W. Whitehurst. 2,179,207; Nov. 7.
Valve system. S. C. Shipley. 2,159,624; May 23.
Valve tappet. J. L. Dostal. 2,152,403–4; Mar. 28.
Valve tappet. J. H. Hoern. 2,150,444; Mar. 14.
Valve, Tappet. J. H. Hoern. 2,178,724; Nov. 7.
Valve tappet and adjusting screw assembly. W. D. Corlett. 2,154,494; Apr. 18.
Valve tappet and making same. F. A. Welsmiller and J. H. Hoern. 2,143,176; Jan. 10.
Valve tappet, Hydraulic. W. D. Appel. 2,160,257; May 30.
Valve tappet, Hydraulic. E. F. Pierce. 2,146,550; Feb. 7.
Valve tappets and like objects, Making. J. L. Dostal. 2,142,889; Jan. 3.
Valve tappets, Making. F. Glassford. 2,144,147; Jan. 17.
Valve unit. M. A. Gibbons. 2,144,288; Jan. 17.
Valve unit. M. A. Gibbons. 2,155,124; Apr. 18.
Valve unit or valve guide puller. H. W. Kulp. 2,167,897; Aug. 1.
Valve with constant calibration. J. Mercier. 2,150,390; Mar. 14.
Valve with swing check and back pressure control, Automatic air. W. C. Groeniger. 2,161,813; June 13.
Valves, Apparatus for controlling the operation of cone. S. A. Canariis. 2,149,725; Mar. 7.
Valves for internal combustion engines, Apparatus for cooling fuel. E. Waeber. 2,166,331; July 18.
Valves in gas regulators, Apparatus for automatically controlling reducing. R. C. Hughes. 2,174,515; Oct. 3.
Valves, Manufacture of extruded metal. S. W. Sparks. 2,142,702; Jan. 3.
Valves, Manufacture of thermostatic mixing. F. C. Leonard. 2,180,362; Nov. 21.
Valves of engines, Control of the sleeve. M. J.-B. Barbarou. 2,163,929; June 27.
Valved tap plug. R. W. Thomas. 2,172,311; Sept. 5.
Valveless sand pump. L. J. Towne and E. B. DeLoe. 2,151,059; Mar. 21.
Vamp and wheel jack, Combination wheel. H. H. Polk and W. J. Marks. 2,166,477; July 18.
Vanadates in reducing viscosity and gelation of drilling muds, Use of alkali. M. Williams. 2,160,949; June 6.
Vanadium from vanadium-bearing silicates, Extracting. B. Mayer. 2,183,027; Dec. 12.
Vane compression, Sliding. G. L. Kollberg and M. C. Shaw. 2,150,122; Mar. 7.
Vane, Directing. K. D. McMahan. 2,154,313; Apr. 11.
Vane instrument, Repulsion. D. A. Young and H. L. Bernarde. 2,157,947; May 9.
Vanity attachment for bathtubs. G. B. Bentz. 2,150,483; Mar. 14.
Vanity attachment for bathtubs. G. B. Bentz. 2,167,795; Aug. 1.
Vanity, Automobile. H. C. Hook. 2,148,557; Feb. 28.
Vanity case. L. Esterow and A. Klein. 2,154,235; Apr. 11.
Vanity case. O. Hallbauer. 2,185,149; Dec. 26.
Vanity case. W. T. Parkin. 2,179,669; Nov. 14.
Vanity case. W. A. Preisz. 2,159,934; May 23.
Vanity case. H. R. Segal. 2,147,929–30; Feb. 21.
Vanity case. F. M. Williamson. 2,165,598; July 11.
Vanity case. F. M. Williamson. 2,167,702; Aug. 1.
Vanity case. J. L. Younghusband. 2,147,277; Feb. 14.
Vanity case. J. L. Younghusband. 2,172,462; Sept. 12.
Vanity or similar attachment for bathtubs. G. B. Bentz. 2,183,441; Dec. 12.
Vanity-purse, Combination. B. R. Brody. 2,172,695; Sept. 12.
Vapor bath cabinet. H. W. Knoche. 2,156,993; May 2.
Vapor clearing. C. R. Pleasants. 2,160,900; June 6.
Vapor condenser. W. T. Cheek. 2,165,746; July 11.
Vapor discharge device, Metallic. W. Nehls. 2,157,913; May 9.
Vapor discharge lamp. D. S. Gustin. 2,177,105; Oct. 24.
Vapor electric converter. H. Klemperer. 2,162,484; June 13.
Vapor-electric converter. J. Slepian. 2,169,032; Aug. 8.
Vapor electric converter. J. Slepian. 2,182,647; Dec. 5.
Vapor electric device. J. H. Cox. 2,162,477; June 13.
Vapor electric device. W. Damitz. 2,154,264; Apr. 11.
Vapor electric device. E. M. Kaegi. 2,167,844; Aug. 1.
Vapor-electric device. P. L. Lenz. 2,144,500; Jan. 17.
Vapor-electric device. W. E. Pakala. 2,172,221; Sept. 5.
Vapor electric device. H. A. Rose. 2,179,302; Nov. 7.
Vapor electric device. A. H. Toepfer. 2,179,310; Nov. 7.
Vapor electric tube. R. U. Clark. 2,159,255; May 23.
Vapor generator. J. Fletcher. 2,161,031; June 6.
Vapor generator, Forced circulation. H. Vorkauf. 2,169,934; Aug. 15.
Vapor generator, Forced flow. E. G. Bailey. 2,170,349; Aug. 22.
Vapor lamp. D. S. Gustin. 2,171,237; Aug. 29.
Vapor-liquid separator. R. B. Millard. 2,151,863; Mar. 28.
Vapor-phase cracking process and the production of fog. E. W. Rembert. 2,146,553; Feb. 7.
Vapor phase filtering process for the treatment of hydrocarbon vapors. M. P. Youker. 2,170,180; Aug. 22.
Vapor rectifier, Metal. C. Knappe and A. Siemens. 2,154,274; Apr. 11.
Vapor saving and relief system. P. B. Drane. 2,169,411; Aug. 15.
Vapors, Apparatus for metering. L. D. Gray and R. M. McQuitty. 2,142,392; Jan. 3.
Vapors from coffee roasting, Treatment of. G. L. Wendt and D. Fronmuller. 2,156,212; Apr. 25.
Vapors with solid sulphur sensitive catalytic surfaces, Continuously hydrofining carbonaceous. M. H. Gwynn. 2,174,510; Oct. 3.
Vaporizer. J. B. Clyne. 2,152,466; Mar. 28.
Vaporizer. G. E. Fahr and A. C. Kerkhof. 2,181,421; Nov. 28.
Vaporizer. G. C. Flint. 2,146,808–9; Feb. 14.
Vaporizer. W. J. McGary. 2,143,246; Jan. 10.
Vaporizer. L. B. Meyerson. 2,164,881; July 4.
Vaporizer. I. P. Walker. 2,177,339; Oct. 24.
Vaporizer-burner. M. M. Erlach. 2,173,434; Sept. 19.
Vaporizer, Electric. J. Robinson. 2,151,719; Mar. 28.
Vaporizer, Electric blending. E. Hodaly. 2,184,872; Dec. 26.
Vaporizer, Electrical. J. Robinson. 2,168,450; Aug. 8.
Vaporizer, Electrical. J. Robinson. 2,174,531; Oct. 3.
Vaporizer, Fuel oil. H. G. McCormick. 2,175,126; Oct. 3.
Vaporizing apparatus. A. N. Somers. 2,150,295; Mar. 14.
Variable clearance volume engine. F. C. Wagner. 2,142,466; Jan. 3.
Variable clearance volume engine. F. C. Wagner. 2,163,015; June 20.
Variable condenser. J. Antonietta. 2,172,725; Sept. 12.
Variable condenser. S. Cohen. 2,156,449; May 2.
Variable condenser. E. S. Maris. 2,149,702; Mar. 7.
Variable condenser. R. C. Sprague. 2,179,068; Nov. 7.
Variable delivery pump. B. Sassen, H. Ernst, and F. S. Haas. 2,164,888; July 4.
Variable electric filter. R. Rechnitzer. 2,167,462; July 25.
Variable gear. A. L. Steinkamp. 2,157,776; May 9.
Variable inductance. P. Ware. 2,163,644; June 27.
Variable load brake. J. Canetta and J. B. Grosswege. 2,160,210–11; May 30.
Variable load brake. E. E. Hewitt. 2,184,551; Dec. 26.
Variable resistance. H. W. Rubinstein. 2,178,241; Oct. 31.
Variable resistance device. N. C. Schellenger. 2,177,290–1; Oct. 24.
Variable resistance operated stack switch, Oil burner control. H. C. Rohr. 2,149,871; Mar. 7.
Variable-speed device, Air-cooled. C. E. Johnson and E. Mendenhall. 2,145,545; Jan. 31.
Variable speed drive. L. E. Perrine. 2,168,744; Aug. 8.
Variable stroke shaking screen. D. M. Blackburn. 2,159,777; May 23.
Varicolored light. H. C. Davis. 2,146,422; Feb. 7.
Varnish. H. Kline. 2,151,975; Mar. 28.
Varnish. J. R. L. Martin. 2,162,225; June 13.
Varnish coatings on wood, Producing resistant. W. O. Maisch. 2,174,132; Sept. 26.
Varnishes, Apparatus for thinning. H. R. Ayres and S. L. Winslow. 2,168,278; Aug. 1.
Varnishes having high paraffin hydrocarbon tolerance and the product thereof, Making. E. E. Mayfield. 2,180,535; Nov. 21.
Varnishes, varnish forming substances, and producing same. S. Kohn. 2,169,361; Aug. 15.
Vase, Ground. J. A. Orr. 2,152,707; Apr. 4.
Vat, Cheese. C. Derleth. 2,166,753; July 18.
Vat-dyestuffs of the anthraquinone series. G. Kranzlein, M. Corell, and B. Popp. 2,176,430; Oct. 17.
Vault. S. F. Laucks and C. F. Sioberg. 2,163,044; June 20.
Vault. J. A. Patterson. 2,143,207; Jan. 10.
Vault, Burial. E. Hopkins. 2,162,435; June 13.
Vault, Burial. A. Martin. 2,181,194; Nov. 28.
Vault, Burial. C. R. Neff. 2,150,778; Mar. 14.
Vault, Burial. R. Simpson. 2,167,091; July 25.
Veal carcasses, Processing of. H. J. Koenig. 2,158,462; May 16.

Vegetable and fruit press. W. Wishinsky. 2,154,649; Apr. 18.
Vegetable bag. A. Reinhold. 2,163,324; June 20.
Vegetable cutter. W. Baham. 2,145,470; Jan. 31.
Vegetable cutter. B. Cohn and L. A. Swarthe. 2,166,624; July 18.
Vegetable dicing, slicing, and shredding machine. S. J. Bell. 2,153,407; Apr. 4.
Vegetable fiber products, Apparatus and method of producing. G. H. Ellis. 2,161,653; June 6.
Vegetable gum solutions, Preparation of. R. C. Braun. 2,144,522; Jan. 17.
Vegetable infusion, Device for producing. F. Reinholz. 2,169,430; Aug. 15.
Vegetable matter, Hydrating. B. F. Bird. 2,142,091; Jan. 3.
Vegetable or fruit grading and sizing machine. J. R. Fitzgerald. 2,153,688; Apr. 11.
Vegetable peeling machine. J. J. Wortelboer. 2,148,251; Feb. 21.
Vegetable sizing apparatus. W. J. Zink. 2,183,233; Dec. 12.
Vegetable slicing and stringing tool. K. W. Mesterton. 2,170,536; Aug. 22.
Vegetable washing machine. P. Nicosia. 2,154,106; Apr. 11.
Vegetables, Apparatus for washing root. F. C. Davis. 2,156,840; May 2.
Vegetables, Preparing. D. T. Wiltse. 2,184,246; Dec. 19.
Vegetables, Treating. J. A. Thomas. 2,178,675; Nov. 7.
Vegetation mascerating unit. J. T. Fiese and W. G. Firstenberger. 2,148,547; Feb. 28.

Vehicle: *See*—
Automobile vehicle.
Automotive multiwheel vehicle.
Automotive vehicle.
Child's vehicle.
Double-deck vehicle.
Dump vehicle.
Dumping vehicle.
Land vehicle.
Man-powered vehicle.
Motor vehicle.
Multiaxle drive vehicle.
Power propelled vehicle.
Power vehicle.
Railway vehicle.
Refuse collecting vehicle.
Road-rail vehicle.
Seesaw operated vehicle.
Six-wheeled vehicle.
Tank vehicle.
Toy motor vehicle.
Toy vehicle.
Transporting and dumping vehicle.
Transporting vehicle.
Trucking vehicle.
Two-wheeled vehicle.
Water vehicle.
Wheeled vehicle.

Vehicle. A. W. Bender. 2,144,252; Jan. 17.
Vehicle. A. P. Berendsen. 2,179,477; Nov. 14.
Vehicle. A. H. Bernier. 2,183,534; Dec. 19.
Vehicle. F. Biszantz. 2,146,107; Feb. 7.
Vehicle. W. H. Bokenkroger. 2,147,517; Feb. 14.
Vehicle. C. C. Harrah. 2,176,964; Oct. 24.
Vehicle. V. W. Kliesrath. 2,180,592; Nov. 21.
Vehicle. A. S. Krotz. 2,177,893; Oct. 31.
Vehicle. J. W. Leighton. 2,179,016; Nov. 7.
Vehicle. G. T. Ronk. 2,174,997; Oct. 3.
Vehicle. K. L. Schiff. 2,168,630; Aug. 8.
Vehicle. J. M. Stover, Jr. 2,167,593; July 25.
Vehicle. R. J. Theriault. 2,172,571; Sept. 12.
Vehicle. L. E. Vogt. 2,158,780; May 16.
Vehicle. A. M. Wolf. 2,155,287; Apr. 18.
Vehicle accessory. A. S. Alexander. 2,161,771; June 6.
Vehicle accessory. G. A. Lyon. 2,163,608; June 27.
Vehicle accessory system, Motor. E. C. Horton. 2,146,395; Feb. 7.
Vehicle accessory system, Motor. E. C. Horton. 2,165,181; July 4.
Vehicle and beehive, Combined. T. Turchenko. 2,169,858; Aug. 15.
Vehicle and control apparatus therefor, Motor. O. A. Ross. 2,177,151; Oct. 24.
Vehicle and demountable camping cabin, Automotive. G. W. Stetson. 2,173,076; Sept. 12.
Vehicle and lateral motion resistance and centering device therefor, Railway. J. G. Blunt. 2,148,724; Feb. 28.
Vehicle and particularly railway rolling stock. W. E. Woodard. 2,174,675; Oct. 3.
Vehicle and track system therefor, Combined road and rail. D. W. Main. 2,162,351; June 13.
Vehicle appliance. R. J. Kelberer. 2,149,296; Mar. 7.
Vehicle automatic signal. G. L. Reenstierna. 2,168,684; Aug. 8.
Vehicle axle coupling. H. W. Jahn and H. G. Rendall. 2,155,940; Apr. 25.
Vehicle banking mechanism. E. L. Welch. 2,152,938; Apr. 4.
Vehicle bodies, Cooling. J. A. Germonprez. 2,151,097; Mar. 21.
Vehicle bodies, Making juvenile. S. A. Snell. 2,145,896; Feb. 7.
Vehicle body. A. P. Ball. 2,145,642; Jan. 31.
Vehicle body. H. R. Berndt and R. E. C. Schulz. 2,169,788; Aug. 15.
Vehicle body. R. L. Carr. 2,181,869; Dec. 5.
Vehicle body. H. Grade. 2,157,075; May 2.
Vehicle body. W. C. Nabors. 2,168,268; Aug. 1.
Vehicle body. E. J. W. Ragsdale. 2,165,576; July 11.
Vehicle body. D. G. Renno. 2,152,568; Mar. 28.
Vehicle body. J. W. Rice. 2,179,600; Nov. 14.
Vehicle body. R. E. C. Schulz. 2,167,376; July 25.
Vehicle body construction. I. B. Cooper. 2,145,919; Feb. 7.
Vehicle body construction. A. E. Northrup. 2,184,804; Dec. 26.
Vehicle body construction. D. W. Perkins. 2,165,939; July 11.
Vehicle body construction. R. H. Powell. 2,172,405; Sept. 12.
Vehicle body, Demountable. O. H. Manning. 2,151,640; Mar. 21.
Vehicle body, Extensible. J. F. Pierce. 2,177,394; Oct. 24.
Vehicle body mounting. C. E. Bradshaw. 2,181,546; Nov. 28.
Vehicle body panels, Apparatus for making. A. P. Ball. 2,143,136; Jan. 10.
Vehicle body, Sectionalized. G. S. Piroumoff and L. L. Cross. 2,151,229; Mar. 21.
Vehicle body transportation mounting apparatus and method. C. S. Lord. 2,151,431; Mar. 21.
Vehicle bogie. H. F. Flowers. 2,176,172; Oct. 17.
Vehicle brake. N. A. Christensen. 2,150,021; Mar. 7.
Vehicle brake. H. G. Eakin. 2,171,289; Aug. 29.
Vehicle brake. E. Engel. 2,165,358; July 11.
Vehicle brake. C. C. Farmer. 2,174,398; Sept. 26.
Vehicle brake. C. C. Farmer. 2,174,401; Sept. 26.
Vehicle brake. H. Kattwinkel. 2,148,818; Feb. 28.
Vehicle brake. G. C. R. Kuiper. 2,154,171; Apr. 11.
Vehicle brake. J. Ledwinka. 2,172,049; Sept. 5.
Vehicle brake. V. Nicolet and R. Rousselet. 2,168,845; Aug. 8.
Vehicle brake. T. C. E. Rowland and H. Parker. 2,144,086; Jan. 17.
Vehicle brake. L. S. Sheldrick. 2,173,615; Sept. 19.
Vehicle brake. L. G. Srogi. 2,177,913; Oct. 31.
Vehicle brake, Motor. T. Gyure. 2,156,178; Apr. 25.
Vehicle braking means. R. B. Stoddard. 2,185,003; Dec. 26.
Vehicle braking system. C. L. Eksergian. 2,172,817; Sept. 12.
Vehicle bumpers, Vertical extension for. N. W. Cummins. 2,178,138; Oct. 31.
Vehicle chassis and body, Interchangeable. A. P. Armington. 2,144,042; Jan. 17.
Vehicle chassis frame. W. Swallow. 2,143,666; Jan. 10.
Vehicle coachwork, Motor. V. Valletta. 2,184,537; Dec. 26.
Vehicle construction. A. G. Dean and W. W. Farr. 2,171,425; Aug. 29.
Vehicle construction. W. W. Farr. 2,184,614; Dec. 26.
Vehicle construction. K. K. Probst. 2,157,773; May 9.
Vehicle construction. L. S. West, G. A. Steuber, and J. H. Powers. 2,170,581; Aug. 22.
Vehicle construction, Motor. E. T. Gregorie. 2,153,535; Apr. 11.
Vehicle construction, Tank. E. J. Lockwood. 2,185,030; Dec. 26.
Vehicle control means, Motor. R. McWade, Jr., and L. Lyndon. 2,181,733; Nov. 28.
Vehicle control mechanism. S. Vorech. 2,166,029; July 11.
Vehicle control, Motor. C. L. Hoff. 2,164,921; July 4.
Vehicle control, Motor. L. H. Messinger, Jr. 2,168,232; Aug. 1.
Vehicle control system. A. M. Wolf. 2,181,161; Nov. 28.
Vehicle control system, Automatic. A. R. Williams. 2,152,123; Mar. 28.
Vehicle coupling. G. Appell. 2,151,181; Mar. 21.
Vehicle coupling. H. E. Milz and L. J. Kline. 2,153,309; Apr. 4.
Vehicle coupling. J. R. Thorp and S. Strand. 2,170,980; Aug. 29.
Vehicle crank support. J. G. Maas. 2,181,788; Nov. 28.
Vehicle direction indicator. O. Lucas. 2,173,422; Sept. 19.
Vehicle direction indicator. W. E. Oshei. 2,179,345; Nov. 7.
Vehicle direction signal. J. A. Maxwell. 2,182,699; Dec. 5.
Vehicle directional signal. J. P. Bedford. 2,148,428; Feb. 28.
Vehicle door latch. H. W. Rightmyer. 2,153,699; Apr. 11.
Vehicle door latch. H. W. Rightmyer. 2,179,352; Nov. 7.
Vehicle door lock. T. Vandeveld. 2,174,231; Sept. 26.
Vehicle door mounting. F. M. Smith. Re. 21,231; Oct. 10.
Vehicle draft means. R. N. Janeway. 2,170,924; Aug. 29.
Vehicle emergency brake. G. C. Parrish. 2,174,135; Sept. 26.
Vehicle for mixed propulsion by wheels and endless tracks. A. Kégresse. 2,158,457; May 16.
Vehicle for plant spraying materials, Aqueous. J. R. Allison. 2,162,905; June 20.
Vehicle for shipping solid carbon dioxide. H. A. Sommers. 2,144,348; Jan. 17.
Vehicle frame. G. C. R. Kuiper. 2,174,922; Oct. 3.
Vehicle frame. W. Kuner. 2,156,730; May 2.
Vehicle frame and making same. I. G. Eklund. 2,173,515; Sept. 19.
Vehicle front end assembly. F. M. Smith. 2,148,781; Feb. 28.
Vehicle having emulsifying properties, Aqueous. J. R. Allison. 2,162,906; June 20.

Vehicle head lamp. E. A. Howard and K. D. Scott. 2,177,216–17; Oct. 24.
Vehicle head lamp. V. J. Roper. 2,146,593; Feb. 7.
Vehicle heater, Motor. H. Hueber. 2,146,216; Feb. 7.
Vehicle identification and signaling device. R. H. Ducey. 2,156,806; May 2.
Vehicle impregnator. J. L. Biggs. 2,147,236; Feb. 14.
Vehicle jack, Electrically driven. W. Müller. 2,163,735; June 27.
Vehicle jacking structure. C. W. Ryerson. 2,176,014; Oct. 10.
Vehicle-leveling, turn-banking, and shock-absorbing mechanism for motor vehicles, Combined. F. D. Paes, L. D. Salazar de Eca, and E. P. C. Pires. 2,165,617; July 11.
Vehicle lifting jack. R. S. C. Fow. 2,183,367; Dec. 12.
Vehicle light circuit. T. C. Montgomery and F. W. Schempp. 2,177,618; Oct. 24.
Vehicle lighting unit. E. Hawkins. 2,171,089; Aug. 29.
Vehicle loading apparatus. R. E. Wheless. 2,161,734; June 6.
Vehicle loading device. E. R. Barrett. 2,151,887; Mar. 28.
Vehicle lock. L. R. Smith. 2,181,822; Nov. 28.
Vehicle lock, Motor. M. Tibbetts. 2,160,629; May 30.
Vehicle obstruction indicator. W. J. Parkinson. 2,143,997; Jan. 17.
Vehicle occupant protector. H. R. Rogers. 2,180,912; Nov. 21.
Vehicle of the "caterpillar" type with retractable road wheels, Convertible. G. R. von Radiis, O. Patzel, K. Kuschel, R. Klanner, and F. Zabransky. 2,173,794; Sept. 19.
Vehicle operated overhead door. A. Herr. 2,181,552; Nov. 28.
Vehicle parking device. G. Yanocsik. 2,171,466; Aug. 29.
Vehicle, Power driven. M. Wagner. Re. 21,091; May 16.
Vehicle, Preventing retrograde movement of a. C. T. Humber. 2,156,590; May 2.
Vehicle, Raising and tipping. R. R. Howard and W. C. Anthony. 2,183,813; Dec. 19.
Vehicle seat. A. H. Haberstump. 2,160,015–16; May 30.
Vehicle seat. L. B. Harris. 2,149,290; Mar. 7.
Vehicle seat. F. M. Shanahan. 2,165,306; July 11.
Vehicle side bearing. W. W. Farr. 2,150,116; Mar. 7.
Vehicle signal switch. C. B. Howard. 2,153,621; Apr. 11.
Vehicle speed and automotive engine governor, Combined. A. C. Hoof. 2,148,556; Feb. 28.
Vehicle spring suspension. A. F. Hickman. 2,169,242; Aug. 15.
Vehicle steering mechanism, Motor. W. H. Briggs. 2,145,751; Jan. 31.
Vehicle steering wheel switch. R. H. Polk. 2,182,764; Dec. 5.
Vehicle supporting structure. T. E. Moodie. 2,144,889; Jan. 24.
Vehicle suspension. R. W. Brown. 2,180,860; Nov. 21.
Vehicle suspension. R. W. Brown. 2,184,933; Dec. 26.
Vehicle suspension. A. F. Hickman. 2,160,862; June 6.
Vehicle suspension. F. Porsche. 2,169,373; Aug. 15.
Vehicle suspension means. F. Malott. 2,150,073; Mar. 7.
Vehicle suspension, Motor. V. Valletta. 2,164,602; July 4.
Vehicle suspension system. L. D. Britton and E. J. Hardig. 2,177,934; Oct. 31.
Vehicle system, Motor. E. C. Horton. Re. 21,139; July 4.
Vehicle tank. A. A. Kramer. 2,160,477; May 30.
Vehicle tire chain. P. J. Nagle. 2,148,492; Feb. 28.
Vehicle top. A. H. Haberstump. 2,176,131; Oct. 17.
Vehicle track chain. J. K. Christmas. 1,162,700; June 20.
Vehicle traffic signal. W. Schepler. 2,148,964; Feb. 28.
Vehicle traffic signal. W. S. Stockton. 2,173,047; Sept. 12.
Vehicle transmission, Automotive. P. M. Carter and L. A. Larsen. 2,162,937; June 20.
Vehicle transmission control, Motor. G. T. Randol. 2,176,941; Oct. 24.
Vehicle transmission, Motor. W. R. Griswold. 2,143,312; Jan. 10.
Vehicle transport, Motor. I. H. Judd. 2,169,648; Aug. 15.
Vehicle, Transporting and dumping. G. R. Dempster. 2,150,821; Mar. 14.
Vehicle underframe. G. Broulhiet. 2,153,498; Apr. 4.
Vehicle, Variable tread. L. B. Schauer. 21,106; May 30.
Vehicle ventilating and control apparatus. P. J. Miller and R. C. Spooner. 2,145,452; Jan. 31.
Vehicle ventilating and heating structure. L. M. Payne. 2,146,845; Feb. 14.
Vehicle ventilating system. J. M. Calkins. 2,171,622; Sept. 5.
Vehicle ventilation apparatus. A. R. Lintern and R. C. Spooner. 2,172,939; Sept. 12.
Vehicle wheel. B. J. Anderson. 2,155,921; Apr. 25.
Vehicle wheel. A. J. Cornelissen. 2,160,199; May 30.
Vehicle wheel. H. J. Horn. 2,169,047; Aug. 8.
Vehicle wheel. H. J. Horn. 2,174,087; Sept. 26.
Vehicle wheel. H. J. Horn. 2,183,220; Dec. 12.
Vehicle wheel. H. J. Horn and C. R. Stough. 2,158,125; May 16.
Vehicle wheel. C. G. Keller. 2,164,772; July 4.
Vehicle wheel. H. W. Kranz. 2,160,272; May 30.
Vehicle wheel. C. W. Sinclair. 2,145,377; Jan. 31.
Vehicle wheel. R. L. Stiffler. 2,148,658; Feb. 28.
Vehicle wheel. J. Suris. 2,165,185; July 4.
Vehicle wheel. A. S. Van Halteren. 2,175,044; Oct. 3.
Vehicle wheel brake. R. Fike. 2,154,836; Apr. 18.
Vehicle wheel, Resilient. M. Bonito y de la Rosa. 2,145,159; Jan. 24.
Vehicle with auxiliary wheels, Endless-track. W. Doblhoff. 2,173,793; Sept. 19.
Vehicles and the like, Coupling land and road. A. M. McGregor. 2,144,295; Jan. 17.
Vehicles, Antivibration suspension and steering gear for. C. Opolo. 2,164,470; July 4.
Vehicles, Apparatus for heating motor. A. R. Lintern. 2,158,758; May 16.
Vehicles, Combination stabilizing, snubbing and leveling system for. E. Richter. 2,148,504; Feb. 28.
Vehicles, Combined means for jacking motor. E. D. O'Donnell. 2,145,571; Jan. 31.
Vehicles, Device for braking. C. Beusch. 2,147,082; Feb. 14.
Vehicles from one use to the other, Converting road-rail. F. K. Fildes. 2,157,650; May 9.
Vehicles, Means to load. H. F. Suverkrup. 2,156,438; May 2.
Vehicles or the like, Controlling the operation of motor. A. and J. Weiss. 2,165,320; July 11.
Vehicles, Springing means for. K. Rabe. 2,174,996; Oct. 3.
Vehicles, Stabilizing system for. C. A. Tschanz. 2,184,202; Dec. 19.
Vehicles, System for parking. A. J. Isbell. 2,164,992; July 4.
Vehicular tank. F. G. Thwaits. 2,163,387; June 20.
Vehicular traffic signal. W. A. Whiting. 2,176,285; Oct. 17.
Velocipede. B. J. Anderson. 2,167,021; July 25.
Velocipede. A. L. McGregor. 2,153,766–7; Apr. 11.
Velocipede. A. P. Steele. 2,183,471; Dec. 12.
Velocipede construction. W. H. Diemer. 2,143,434; Jan. 10.
Velocipede construction. A. de Sakhnoffsky. 2,154,472; Apr. 18.
Velocipede fork. B. J. Anderson. 2,160,247; May 30.
Velocipede fork. B. J. Anderson. 2,167,020; July 25.
Velocipede handle bar structure. S. A. Snell. 2,176,692–3; Oct. 17.
Velocipede structure. S. A. Snell. 2,157,971–2; May 9.
Velocipede structure. S. A. Snell. 2,162,762; June 20.
Velocipede structure. S. A. Snell. 2,178,707–9; Nov. 7.
Velocity detector, Photoelectric. L. T. Sachtleben. 2,142,378; Jan. 3.
Velocity governor with anticipatory action. C. R. Hanna. 2,175,837; Oct. 10.
Velocity measuring device. W. V. Roberts. 2,157,572; May 9.
Velvet woven in double piece, Manufacture of. M. Calonnier. 2,182,610; Dec. 5.
Vending apparatus. R. A. Officer. 2,153,694; Apr. 11.
Vending apparatus. G. R. Starnes and C. A. Melchert. 2,154,388; Apr. 11.
Vending cabinet. J. Halay. 2,173,782; Sept. 19.
Vending machine. T. J. Elder. 2,176,394; Oct. 17.
Vending machine. P. H. French. 2,154,443; Apr. 18.
Vending machine. P. L. Geer. 2,156,531; May 2.
Vending machine. W. A. Gentry. 2,183,808; Dec. 19.
Vending machine. J. C. Irwin. 2,154,205; Apr. 11.
Vending machine. F. M. Moninger. 2,159,905; May 23.
Vending machine. L. M. Moninger. 2,168,914; Aug. 8.
Vending machine. A. A. Morck. 2,182,639; Dec. 5.
Vending machine. L. H. Morin. 2,150,863; Mar. 14.
Vending machine. J. C. Richardson. 2,176,823; Oct. 17.
Vending machine. J. E. Romanoski. 2,156,196; Apr. 25.
Vending machine. C. R. Spare and C. H. Lapsley. 2,147,320; Feb. 14.
Vending machine. W. A. Tratsch and W. Patzer. 2,177,965; Oct. 31.
Vending machine. I. A. Traversy. 2,180,326; Nov. 14.
Vending machine, Coin controlled. R. E. Baker. 2,181,039–40; Nov. 21.
Vending machine, Electrically operated. L. H. Morin. 2,143,790; Jan. 10.
Vending machine, Selective. A. E. Siehrs. 2,178,000–1; Oct. 31.
Vending mechanism. E. H. T. Bensemann. 2,154,147; Apr. 11.
Vending receptacle. C. C. Tozer and E. H. Berger. 2,150,469; Mar. 14.
Veneer bend. E. E. Alexander. 2,181,164; Nov. 28.
Veneer machine. L. F. Koss, Jr. 2,184,862; Dec. 26.
Veneer press. E. H. Merritt. 2,148,704; Feb. 28.
Veneered product. L. Ottinger. 2,158,908; May 16.
Veneered products, Producing. L. Ottinger. 2,158,907; May 16.
Veneering press. H. Wiederkehr. 2,151,880; Mar. 28.
Veneers, Treating. F. V. Tischer. 2,177,160; Oct. 24.
Venetian blind. B. H. Hepworth. 2,167,840; Aug. 1.
Venetian-blind bracket. I. W. Goodell. 2,148,264; Feb. 21.
Venetian blind clamp. E. Johanson. 2,153,893; Apr. 11.
Venetian blind head bar. S. Hammer. 2,161,414; June 6.
Venetian blind tape holder. H. Konen. 2,166,301; July 18.
Vent and filling means for storage battery cells. E. Graf. 2,185,102; Dec. 26.

Vent device for heating systems. G. M. Ernst. 2,178,250; Oct. 31.
Vent device for hot-water heating apparatus. G. Scoppola. 2,153,726; Apr. 11.
Vent for folding cameras, Air. H. O. Drotning. 2,183,989; Dec. 19.
Vent for ranges, Back draft. J. W. Barker. 2,158,685; May 16.
Vent tube for fuel tanks. G. W. Emmert. 2,165,357; July 11.
Ventilating and signal unit, Vehicle. A. R. Lintern. 2,153,147; Apr. 4.
Ventilating apparatus. S. M. Anderson. 2,183,498; Dec. 12.
Ventilating apparatus. R. G. Birkholz. 2,159,498; May 23.
Ventilating apparatus. H. C. Hueglin. 2,161,471; June 6.
Ventilating apparatus. G. C. Polk. 2,154,410; Apr. 11.
Ventilating apparatus, Vehicle. A. R. Lintern. 2,158,332; May 16.
Ventilating attachment for toilets. E. S. Morris. 2,151,138; Mar. 21.
Ventilating construction. Roger G. Morey. 2,180,945; Nov. 21.
Ventilating construction. B. S. Reynolds. 2,172,851; Sept. 12.
Ventilating device. E. St. Aubin. 2,171,903; Sept. 5.
Ventilating device. R. T. Cornelius. 2,164,608; July 4.
Ventilating device. K. H. Feige. 2,174,975; Oct. 3.
Ventilating device. A. R. Younger. 2,152,614; Mar. 28.
Ventilating device for projection apparatus. H. Mulch. 2,160,890; June 6.
Ventilating device, Toilet bowl. P. L. Bertrand. 2,148,896; Feb. 28.
Ventilating lid cover. L. Thompson. 2,170,738; Aug. 22.
Ventilating means for beds and the like. A. C. Benedict. 2,183,533; Dec. 19.
Ventilating system. R. F. Norris. 2,172,771; Sept. 12.
Ventilating system. R. F. Norris. 2,172,944; Sept. 12.
Ventilating system. J. M. VerMeulen and G. Bucher. 2,165,593; July 11.
Ventilating system, Crankcase. G. Way. 2,154,593; Apr. 18.
Ventilating unit. D. Tenney. 2,159,913; May 23.
Ventilation control. J. D. McKnight. 2,149,976; Mar. 7.
Ventilation control means for motor vehicles. W. O. Normandin. 2,147,855; Feb. 21.
Ventilation, Footwear. W. A. Riess. 2,151,152; Mar. 21.
Ventilation for motor vehicles, Regulatable radiator. J. A. Buyck. 2,162,526; June 13.
Ventilation system and apparatus, Vehicle body. W. Lintern. 2,165,559; July 11.
Ventilation system, Body bolster construction and motor. E. H. Piron. 2,154,771; Apr. 18.
Ventilation, Vehicle body. W. and A. R. Lintern. 2,155,018; Apr. 18.
Ventilator: *See*—
Defroster and body ventilator. Unit ventilator.
Ventilator. P. Bernhardt. 2,179,707; Nov. 14.
Ventilator. M. L. Fisk. 2,175,287; Oct. 10.
Ventilator. C. C. Hopkins. 2,157,609; May 9.
Ventilator. A. Person. 2,177,994; Oct. 31.
Ventilator. W. B. Stout. 2,161,728; June 6.
Ventilator. L. S. Wilson. 2,163,077; June 20.
Ventilator and roof support. R. C. Hansen. 2,183,645; Dec. 19.
Ventilator attachment for electric ignition apparatus. R. H. Gibson and W. D. Crocker. 2,150,859; Mar. 14.
Ventilator attachment for windows. R. Washington. 2,172,996; Sept. 12.
Ventilator, Attic. F. E. Larson. 2,142,821; Jan. 3.
Ventilator, Automatic. L. H. Bean. 2,183,955; Dec. 19.
Ventilator, Automatic self-closing window. E. C. Hassildine. 2,182,558; Dec. 5.
Ventilator, Automatically controlled. W. R. Whitfield. 2,177,194; Oct. 24.
Ventilator, Casement window. J. C. Bancroft. 2,182,576; Dec. 5.
Ventilator, Closet. W. M. Hoffman. 2,160,213; May 30.
Ventilator, Cowl. R. H. Dean. 2,151,748; Mar. 28.
Ventilator, Dustproof. H. Franklin. 2,150,157; Mar. 14.
Ventilator, Electric. W. R. Gross. 2,159,696; May 23.
Ventilator for cabs, Roof. J. H. Tuttle. 2,173,890; Sept. 26.
Ventilator for toilet bowls. L. H. Perreault. 2,146,982; Feb. 14.
Ventilator, heater, and windshield defroster for automobile bodies, Combined. C. A. Moore. 2,158,245; May 16.
Ventilator hood. F. Camerino. 2,162,421; June 13.
Ventilator, Lavatory. L. N. Harbeke. 2,161,863; June 13.
Ventilator means, Adjustable and controllable. H. V. Derveaux. 2,165,351; July 11.
Ventilator mechanism. A. P. Ball. 2,159,516; May 23.
Ventilator mechanism, Baffle plate. A. E. Wilshusen. 2,172,814; Sept. 12.
Ventilator of the hopper type, Hinged. J. Marchbank. 2,153,508; Apr. 4.
Ventilator, Rotary. J. H. McDerment. 2,171,883; Sept. 5.
Ventilator, Toilet. A. R. Dahlke. 2,181,510; Nov. 28.
Ventilator, Transformer. R. R. Pittman and C. H. Walsh. 2,146,311; Feb. 7.
Ventilator, Window. W. Fader. 2,178,253; Oct. 31.
Ventilator, Window. M. A. Galgoczy, Jr. 2,152,249; Mar. 28.
Venting control for air valves, Adjustable. P. H. Stapley. 2,150,136; Mar. 7.
Venting control for air valves, Adjustable. C. W. Abercrombie. 2,167,321; July 25.
Venting device. C. W. Shaw. 2,157,635; May 9.
Venting device and flame arrester, Conservation. R. J. Anschicks. 2,151,180; Mar. 21.
Venting means for ranges or the like. J. G. Ames. 2,182,106; Dec. 5.
Vermin on shellfish beds, Destruction of. F. M. Flower. 2,181,882; Dec. 5.
Vernier control. R. T. Clay. 2,182,961; Dec. 12.
Vertical edging mill. F. C. Biggert, Jr. 2,183,388; Dec. 12.
Vertical geared motor. W. P. Schmitter and R. Wiken. 2,152,607; Mar. 28.
Vessel and making same, Pressure. H. Debor. 2,171,972; Sept. 5.
Vessel, Beverage. W. Schassler. 2,156,515; May 2.
Vessel, Electric discharge. O. Baier. 2,151,885; Mar. 28.
Vessel for mixing and cooling liquids. A. H. Payson and C. O. Duevel, Jr. 2,163,057; June 20.
Vessel, Glass. W. W. Shaver and H. K. Martin. 2,177,336; Oct. 24.
Vessel, Hermetically sealed. W. J. Scott and W. T. Cowhig. 2,169,112; Aug. 8.
Vessel of the boiler type and producing same, Pressure. G. M. Trefts 3rd. 2,160,393; May 30.
Vessel, Pressure. H. J. Kerr. 2,183,043; Dec. 12.
Vessel, Quick opening pressure. H. H. Needham and F. K. Zerbe. 2,166,999; July 25.
Vessel, Reaction. T. B. Prickett. 2,181,153; Nov. 28.
Vessel, Vacuum. A. H. Payson and C. O. Duevel, Jr. 2,176,012; Oct. 10.
Vessel, Welded pressure. F. K. Zerbe. 2,179,774; Nov. 14.
Vessels against leaks, Sealing pressure. J. S. Baker. 2,175,373; Oct. 10.
Vessels, Apparatus for locating and raising sunken. F. Cermin, Jr. 2,173,354; Sept. 19.
Vessels, Apparatus for making pressure. R. Debor. 2,169,228; Aug. 15.
Vessels, Fabricating lined. W. A. Howard and T. C. Smith. 2,148,427; Feb. 28.
Vessels, Fabricating lined. W. A. Howard and T. C. Smith. 2,172,819; Sept. 12.
Vessels, Method and apparatus for producing glass. J. Dichter. 2,151,840; Mar. 28.
Vest and collar holder. M. Baumer. 2,173,818; Sept. 26.
Vest, Man's. M. Bello. 2,163,392; June 20.
Vestee and scarf, Combination. G. L. Smith. 2,163,857; June 27.
Vibrating bodies, Suspension of. M. F. A. Julien. 2,172,706; Sept. 12.
Vibrating body and system embodying same, Electrically maintained. A. E. Coyne. 2,152,955; Apr. 4.
Vibrating machine. E. B. Jorgensen. 2,142,273; Jan. 3.
Vibrating machine. A. W. Mall. 2,148,214; Feb. 21.
Vibrating mechanism, Pneumatic. S. W. Warner and L. B. Case. 2,157,367; May 9.
Vibrating systems, Adjusting. E. R. Morton. 2,183,655; Dec. 19.
Vibrating table. M. and J. Rogers. 2,150,519; Mar. 14.
Vibration absorbing composition and structure embodying the same. H. M. Austin and J. A. Muir. 2,184,482; Dec. 26.
Vibration absorption device. J. A. Germonprez. 2,179,469; Nov. 7.
Vibration dampener. J. P. Burke. 2,148,104; Feb. 21.
Vibration dampener. J. S. Loewus. 2,147,660; Feb. 21.
Vibration dampening apparatus. S. Rosenzweig. 2,174,216; Sept. 26.
Vibration dampening device. J. C. H. Wendes. 2,171,774; Sept. 5.
Vibration dampening mounting. H. J. Loftis. 2,178,077; Oct. 31.
Vibration-damping element and making the same. E. A. Toohey and G. J. Campbell. 2,173,797; Sept. 19.
Vibration-damping material. H. H. Nies. 2,159,487; May 23.
Vibration device. J. R. Hackman. 2,152,689; Apr. 4.
Vibration generator for test purposes. B. von Schlippe. 2,171,808; Sept. 5.
Vibration isolation unit. S. Rosenzweig. 2,173,342; Sept. 19.
Vibration retarding means for electrically actuated apparatus. A. C. Borchers. 2,180,859; Nov. 21.
Vibration suppressor, Torsional. J. M. Tyler and T. C. Van Degrift. 2,159,235; May 23.
Vibrational energy, System for measuring. M. S. Mead, Jr. 2,163,404; June 20.
Vibrations, Apparatus for damping. W. Gerb. 2,148,937; Feb. 28.
Vibrations of pipes, Damping the. A. L. M. A. Rouy. 2,151,280; Mar. 21.
Vibrato, Device for producing. S. W. Kaye. 2,169,762; Aug. 15.
Vibrator. G. D. Alvord. 2,180,189; Nov. 14.
Vibrator. E. W. Bagnell. 2,153,230; Apr. 4.
Vibrator. E. L. Barrett. 2,156,487; May 2.
Vibrator. H. M. Dressel. 2,148,193; Feb. 21.
Vibrator. A. W. Mall. 2,167,987; Aug. 1.

Vibrator. E. Newnham. 2,144,343; Jan. 17.
Vibrator. J. Oster. 2,181,282; Nov. 28.
Vibrator. C. A. Solinski. 2,174,648; Oct. 3.
Vibrator and press, Pneumatic. W. E. Gross. 2,142,127; Jan. 3.
Vibrator, Bone-conduction hearing-aid. H. Lieber. 2,151,706 Mar. 28.
Vibrator, Centrifugal. J. Asmussen. 2,179,807; Nov. 14.
Vibrator, Electric. L. J. Andres. 2,154,427; Apr. 18.
Vibrator, Electromagnetic. C. Brandenburg. 2,157,279; May 9.
Vibrator for skips of concrete mixing machines. G. B. Engleby. 2,176,893; Oct. 24.
Vibrator heater. L. J. Andres. 2,154,428; Apr. 18.
Vibrator, Magnetostrictive. E. E. Turner. 2,160,007; May 30.
Vibrator, Mass and form. A. W. Mall. 2,148,765; Feb. 28.
Vibrator, Massaging. B. Strezoff. 2,149,151–2; Feb. 28.
Vibrator mechanism. F. E. Wold. 2,144,437; Jan. 17.
Vibrator oscillator, Piezoelectric. A. M. Skellett. 2,167,254; July 25.
Vibrator screen support. J. Hasman. 2,183,991; Dec. 19.
Vibrator, Submersible. R. W. Baily. 2,148,722; Feb. 28.
Vibratory apparatus. R. L. Williams. 2,170,178; Aug. 22.
Vibratory apparatus. H. E. Wurzbach and C. H. Konold. 2,144,173; Jan. 17.
Vibratory feeder. E. V. Francis. 2,161,342; June 6.
Vibratory jack. L. E. Porter. 2,176,148; Oct. 17.
Vibratory members, Damping. R. R. Riesz. 2,166,326; July 18.
Vibratory motor, Electromagnetic. E. L. Barrett. 2,164,632; July 4.
Vibratory pressure device. E. L. Torrison. 2,174,452; Sept. 26.
Vibratory screen. J. A. Flint. 2,153,243; Apr. 4.
Vibratory system. L. Vieth, C. F. Wiebusch, and G. R. Yenzer. 2,161,489; June 6.
Vibratory system for the transmission and reception of sound waves. F. W. Kallmeyer. 2,153,571; Apr. 11.
Vibro-isolator. S. Rosenzweig. 2,175,784; Oct. 10.
View finder. D. L. Wood. 2,183,523; Dec. 19.
View finder for folding cameras. C. W. Crumrine. 2,168,977; Aug. 8.
View finder for photographic cameras. H. Becker. 2,149,384; Mar. 7.
Vine stripper and seed huller. A. L. Nichols. 2,173,424; Sept. 19.
Vinegar and making same, High strength cider. V. E. Speas. 2,153,849; Apr. 11.
Vinegar generator system. L. S. Elmer. 2,156,428; May 2.
Vinyl acetate, ethylidine diacetate, and homologous esters. H. Dreyfus. 2,176,958; Oct. 24.
Vinyl acetate, Stabilization of. G. S. Stamatoff. 2,182,528; Dec. 5.
Vinylacetylene, Hydrohalogenation of. W. H. Carothers and A. M. Collins. 2,178,737; Nov. 7.
Vinyl compounds, Manufacture of. H. Dreyfus. 2,145,345; Jan. 31.
Vinyl compounds, Stabilization of. S. M. Stoesser. 2,154,389; Apr. 11.
Vinyl compounds, Stabilization of polymerizable. S. M. and W. C. Stoesser. 2,181,102; Nov. 21.
Vinyl halide polymerization, Acceleration of. F. K. Schoenfeld. 2,168,808; Aug. 8.
Vinyl halides, Manufacturing. K. Jung. 2,183,240; Dec. 12.
Vinyl sulphides, Oxidation of. H. Ufer. 2,163,180; June 20.
Vinylidene chloride co-polymers. E. C. Britton and C. W. Davis. 2,160,943; June 6.
Vinylidene chloride co-polymers. E. C. Britton, C. W. Davis, and F. L. Taylor. 2,160,940–2; June 6.
Vinylidene chloride co-polymers. E. C. Britton and F. L. Taylor. 2,160,946; June 6.
Vinylidene chloride co-polymers. R. C. Reinhardt. 2,160,947; June 6.
Vinylidene chloride, Polymeric. J. H. Reilly and R. M. Wiley. 2,160,903; June 6.
Vinylidene chloride polymeric compositions. R. M. Wiley, F. N. Alquist, and H. R. Slagh. 2,160,948; June 6.
Vinylidene chloride, Polymerization of. R. M. Wiley. 2,160,934; June 6.
Vinylidene chloride, Polymerizing. J. H. Reilly. 2,160,937; June 6.
Vinylidene chloride, Polymerizing. J. H. Reilly and C. R. Russell. 2,160,936; June 6.
Vinylidene chloride, Stabilization of. G. H. Coleman and J. W. Zemba. 2,160,944; June 6.
Vinylidene halides, Polymerization of. R. C. Reinhardt. 2,160,939; June 6.
Vinylidene halides, Polymerization of. R. M. Wiley. 2,160,933; June 6.
Vinylidene halides, Polymerization of. R. M. Wiley. 2,160,935; June 6.
Vinylidene halides, Polymerizing. J. H. Reilly and R. M. Wiley. 2,160,938; June 6.
Violin peg. R. Coates. 2,173,800; Sept. 19.
Violin string tensioning device. M. Gambino. 2,162,007; June 13.
Viscose, Producing. G. A. Richter and H. P. Vannah. 2,159,676; May 23.
Viscosimeter. J. M. Bell. 2,168,386; Aug. 8.
Viscosimeter. D. C. Cline. 2,154,376; Apr. 11.
Viscosimeter. H. P. Hayden and H. E. Schweyer. 2,182,082; Dec. 5.
Viscosimeter. C. W. La Pierre. 2,142,854; Jan. 3.
Viscosimeter. C. R. Stewart. 2,156,407; May 2.
Viscosity analyzer. A. G. Thomas. 2,160,606; May 30.
Vise. W. Maki. 2,156,186; Apr. 25.
Vise. R. L. Ramsey. 2,174,947; Oct. 3.
Vise. J. H. Williams. 2,159,193; May 23.
Vise, Bench. E. L. King. 2,152,058; Mar. 28.
Vise for cutting devices, Workpiece. H. D. Cook and F. M. Scharff. 2,165,614; July 11.
Vise for typographical machines. L. W. Bieber. 2,163,536; June 20.
Vise, Heavy duty. N. M. Marsilius. 2,176,608; Oct. 17.
Vise, Pipe. H. J. Kane. 2,168,126; Aug. 1.
Vise, Welder's. D. W. Shurtz. 2,175,974; Oct. 10.
Vise, Work-holding. S. A. Huffman. 2,168,772; Aug. 8.
Visibility indicator. R. J. Blume. 2,150,597; Mar. 14.
Vision apparatus. R. M. Cooley and R. R. Rand, Jr. 2,162,160; June 13.
Visor attachment. L. P. Nichols. 2,184,360; Dec. 26.
Visor for automobile drivers. A. D. Laneville. 2,146,080; Feb. 7.
Visor for automobiles, Sun. S. M. Levy. 2,163,495; June 20.
Visor for collapsible caps. M. Meyer. 2,158,861; May 16.
Visual efficiency, Apparatus for measuring. M. Luckiesh and F. K. Moss. 2,171,881; Sept. 5.
Vitamin. A. G. Boer, J. van Niekerk, E. H. Reerink, and A. van Wijk. 2,163,659; June 27.
Vitamin B and its analogous substances, Preparation of. T. Matukawa and M. Ohta. 2,184,720; Dec. 26.
Vitamin concentrate and producing same. A. E. Briod and B. R. East. 2,150,316; Mar. 14.
Vitamin concentrates, Preparing. J. A. Patch. 2,161,882; June 13.
Vitamin concentration. L. E. Booher and L. T. Work. 2,175,014; Oct. 3.
Vitamin D concentration. S. E. Miller. 2,179,560; Nov. 14.
Vitamin E composition. A. J. Pacini. 2,167,002; July 25.
Vitamin preparation and making same. H. F. Taylor. 2,183,053; Dec. 12.
Vitamin preparation and preparing same. R. F. Light and C. N. Frey. 2,184,748; Dec. 26.
Vitamins A and D., Extraction, concentration, and fractional separation of. N. A. Milas. 2,173,629; Sept. 19.
Vitreous material, Inlaid. F. Sohn. 2,143,744; Jan. 10.
Voice and music mixer for use in sound recording. J. O. Baker. 2,158,268; May 16.
Voice operated repeater. E. C. Bertnolli and K. D. Cornell. 2,164,185; June 27.
Voice producing mechanism. A. Petrov. 2,174,594; Oct. 3.
Volatiles from solids, Removing. C. T. Loughrey. 2,177,665; Oct. 31.
Voltage apparatus, High. W. F. Westendorp. 2,144,518; Jan. 17.
Voltage booster, Direct current. L. W. Parker. 2,155,362; Apr. 18.
Voltage-compensating transformer. W. Kalbskopf. 2,173,905; Sept. 26.
Voltage control means for X-ray apparatus. C. B. Horsley. 2,179,333; Nov. 7.
Voltage control system. E. M. Claytor. 2,180,796; Nov. 21.
Voltage discharge apparatus, High. W. L. Lloyd, Jr. 2,145,727; Jan. 31.
Voltage divider, Multiple. H. Bähring. 2,180,659; Nov. 21.
Voltage divider, Variable capacitive. W. Berndt. 2,176,451; Oct. 17.
Voltage doubler circuit. J. L. Montgomery. 2,172,962; Sept. 12.
Voltage limiter. H. E. Vaughan. 2,149,372; Mar. 7.
Voltage limiter, Peak. W. H. T. Holden. 2,155,230; Apr. 18.
Voltage limiting and arc extinguishing device. R. R. Pittman. 2,177,744; Oct. 31.
Voltage measurements, Apparatus for. W. C. Lent. 2,149,451; Mar. 7.
Voltage of rectifiers, System for controlling. R. D. Evans. 2,165,039; July 4.
Voltage regulating circuit. A. F. Grennell. 2,154,239; Apr. 11.
Voltage regulating system. C. R. Hanna and K. A. Oplinger. 2,165,049; July 4.
Voltage regulator. P. H. Craig. 2,168,952; Aug. 8.
Voltage regulator. L. L. Fountain. 2,165,043; July 4.
Voltage regulator. L. H. Hill. 2,177,109; Oct. 24.
Voltage regulator. L. G. Tubbs. 2,165,080; July 4.
Voltage regulator device. O. E. Dow. 2,154,200; Apr. 11.
Voltage stabilizing network. O. Schmutz and O. Werner. 2,179,353; Nov. 7.
Voltage system, Constant. H. E. Young. 2,154,020; Apr. 11.
Voltages, Measuring. M. O. Jörgensen and M. P. Weibel. 2,177,569; Oct. 24.
Volume and tone control, Combined automatic. W. V. Roberts. Re. 21,018; Feb. 28.
Volume control. K. Müller. 2,157,557; May 9.

Volume control, Automatic. K. A. Chittick. 2,159,780; May 23.
Volume control, Automatic. S. Hunt. 2,144,921; Jan. 24.
Volume control, Automatic. M. N. Pack. 2,168,045; Aug. 1.
Volume control, Automatic. A. F. Van Dyck and A. N. Goldsmith. 2,167,058; July 25.
Volume control, Automatic. E. Zepler. 2,171,638; Sept. 5.
Volume control circuit, Automatic. A. Andreatta. 2,144,601; Jan. 24.
Volume control circuit, Automatic. R. A. Weagant. 2,163,167; June 20.
Volume control circuit, Delayed automatic. E. Klotz. 2,171,657; Sept. 5.
Volume control circuit, Voltage doubling automatic. W. R. Koch. 2,172,476; Sept. 12.
Volume control device for radio receiving sets, Push button. G. J. Barry. 2,146,049; Feb. 7.
Volume control device for wave transmission systems, Automatic. R. G. Tahon. 2,182,100; Dec. 5.
Volume control, Dual action. A. Senauke. 2,159,453; May 23.
Volume control for electrical sound reproducer. R. H. Dreisbach. 2,144,565; Jan. 17.
Volume control receiver, Automatic. E. Klotz. 2,159,803; May 23.
Volume control system. J. W. Conklin. 2,149,727; Mar. 7.
Volume control system. J. M. Riddle, Jr. 2,159,052; May 23.
Volume control system. J. M. Riddle, Jr. 2,160,788; May 30.
Volume control system, Automatic. R. A. Braden. 2,173,248; Sept. 19.
Volume indicator. R. A. Hennings. 2,158,936; May 16.
Volume range expansion system. G. L. Beers. 2,145.333; Jan. 31.
Voting machine. A. N. Gustavson. 2,154,158; Apr. 11.
Voting machine. A. N. Gustavson. 2,172,872; Sept. 12.
Voting machine instruction device. H. Kronson and B. F. Harley. 2,176,767; Oct. 17.
Vulcanization accelerator. M. W. Harman. 2,167.385; July 25.
Vulcanization accelerator. C. O. Miserentino. 2,149,859; Mar. 7.
Vulcanization accelerator and making the same. C. O. Miserentino. 2,149,858; Mar. 7.
Vulcanization, Accelerator of. H. I. Cramer. 2,146,669; Feb. 7.
Vulcanization, Accelerator of. J. G. Lichty. 2,184,238; Dec. 19.
Vulcanizer. J. W. Brundage. 2,148,416; Feb. 21.
Vulcanizer. R. E. Lawrence. 2,144,724; Jan. 24.
Vulcanizer. E. D. Rihn and E. D. Odenbaugh, Jr. 2,155,906; Apr. 25.
Vulcanizer, Electric. E. C. Raney. 2,154,183; Apr. 11.
Vulcanizer, Portable belt. A. N. Alexander. 2,184,630; Dec. 26.
Vulcanizer, Retreading. J. C. Heintz. 2,174,189; Sept. 26.
Vulcanizer, Tire. T. Wallace. 2,148,663; Feb. 28.
Vulcanizing and stretching press. C. F. Schnuck. 2,152,503; Mar. 28.
Vulcanizing apparatus. H. Meyer, Sr. 2,156,188; Apr. 25.
Vulcanizing device. A. L. Wallace. 2,161,442; June 6.
Vulcanizing device, Electric. A. Hoving. 2,179,819; Nov. 14.
Vulcanizing equipment. H. H. Hanson. 2,163,377; June 20.
Vulcanizing machine. W. J. Baker. 2,159,543; May 23.
Vulcanizing machine. W. J. Baker and C. J. H. Perry. 2,181,859; Dec. 5.
Vulcanizing machine. J. M. Bierer. 2,182,168; Dec. 5.
Vulcanizing machine. T. M. Knowland. 2,143,627; Jan. 10.
Vulcanizing machine. T. M. Knowland. 2,182,317; Dec. 5.
Vulcanizing press. C. Iverson. 2.181,273; Nov. 28.
Vulcanizing press. E. M. Winegar. 2,182,833; Dec. 12.
Vulcanizing unit. J. C. Crowley. Re. 21,230; Oct. 10.
Vulcanizing unit. H. A. Van Dyke. Re. 21,232; Oct. 10.
Wadding, particularly for surgical purposes, Absorbent. H. Freudenberg. 2,169,947; Aug. 15.
Wafer, Laminated bite. J. R. Schwartz. 2,183,624; Dec. 19.
Wafer, Seed germinating. A. C. Fischer. 2,175,113; Oct. 3.
Waffle iron. J. T. Misiak and W. D. Mitchell. 2,170,153; Aug. 22.
Waffle iron handle. F. P. Rodwick. 2,150,247; Mar. 14.
Wagon. E. W. Austin. 2,149,949; Mar. 7.
Wagon. W. E. Kudrna. 2,153,257; Apr. 4.
Wagon. W. E. Kudrna. 2,183,682; Dec. 19.
Wagon drill. E. B. Lear. 2,168,905; Aug. 8.
Waist band construction. H. Brewster. 2,180,346; Nov. 21.
Waistbands for trousers, Apparatus for making. C. D. Williamson. 2,145,411; Jan. 31.
Waist, Child's harness. E. I. Gosselin. 2,162,948; June 20.
Waist construction for trousers. R. Chieffo and A. Rossomando. 2,159,353; May 23.
Walking-beam and counterbalance construction. W. E. Saxe. 2,184,436; Dec. 26.
Walking beam bearing. W. E. Saxe. 2,184,435; Dec. 26.
Walking mechanism. J. W. Page. 2,164,120; June 27.
Walkway, particularly for rail cars. T. J. Joyce and T. W. Delanty. 2,179,634; Nov. 14.
Wall. R. R. Clark. 2,159,134; May 23.
Wall and like plug. J. J. Rawlings. 2,154,355; Apr. 11.
Wall and material, Sound-deadening. J. E. Graham and E. M. Lines. 2,160,729; May 30.
Wall and tile therefor, Tiled. C. J. Stanley. 2,151,447; Mar. 21.
Wallboard. J. W. Wagner. 2,175,544; Oct. 10.
Wallboard fastener. S. H. Tummins. 2,174,145; Sept. 26.
Wallboard, Method and apparatus for manufacturing. J. Page. 2,168,803; Aug. 8.
Wallboards and studdings, Attaching means for. H. H. Burson. 2,172,358; Sept. 12.
Wall bracket. J. H. Balmer. 2,144,602; Jan. 24.
Wall cabinet. E. E. Green. 2,166,430; July 18.
Wall case. A. G. Pfeiffer and E. E. Murdock. 2,181,065; Nov. 21.
Wall consisting of tubes or the like for furnaces or other heating arrangements. U. O. Blomquist. 2,146,560; Feb. 7.
Wall construction. C. B. Barnard and E. L. Hahn. 2,149,495; Mar. 7.
Wall construction. C. R. Emery. 2,158,412; May 16.
Wall construction. H. Holdsworth. 2,150,061; Mar. 7.
Wall construction. F. G. Langenberg. 2,181,698; Nov. 28.
Wall construction. M. L. Leary. 2,184.353; Dec. 26.
Wall construction. R. T. McGee. 2,173,721; Sept. 19.
Wall construction. J. Trojanowski. 2,165,116; July 4.
Wall construction and making same. W. A. Troy. 2,176,938; Oct. 24.
Wall construction, Brick. H. A. Faber. 2,159,019; May 23.
Wall construction, Brick. A. G. Munro. 2,163,286; June 20.
Wall construction, Building. J. Brogden. 2,165,336; July 11.
Wall construction, Building. E. E. Slick. 2,163,454; June 20.
Wall construction, Building. F. M. Small. 2,164,261; June 27.
Wall construction. Burglar-alarm. R. S. Kahn. 2,170,026; Aug. 22.
Wall construction, Concrete. N. V. Hybinette. 2,175,895; Oct. 10.
Wall construction for buildings. T. H. Coe, Jr. 2,148,436; Feb. 28.
Wall construction for trailers, Folding. W. B. Stout. 2,167,557; July 25.
Wall construction for vehicle bodies, Side. R. M. Werner. 2,171,381; Aug. 29.
Wall construction, Furnace. A. C. Pacific. 2,160,512; May 30.
Wall construction, Masonry. J. T. Sentrop. 2,184,682; Dec. 26.
Wall construction of buildings, Interior. F. J. Jr. and V. J. Ball. 2,163,314; June 20.
Wall construction, Panel. J. E. Brinckerhoff, A. M. Kohler, C. S. Reed, and V. W. Smith. 2,144,598; Jan. 17.
Wall construction, Panel. C. S. Reed, V. W. Smith, J. E. Brinckerhoff, and A. M. Kohler. 2,144,597; Jan. 17.
Wall covering, Decorative. G. Desagnat. Re. 21,285; Dec. 5.
Wall facings, Making artificial stone. L. A. Knight. Re. 20,985; Jan. 24.
Wall fastening. K. P. Grassberger. 2,167,176; July 25.
Wall fixture. A. W. Spencer. 2,170,465; Aug. 22.
Wall for basement windows, Retaining. A. Henderson. 2,174,036; Sept. 26.
Wall for kilns, Balanced draft and flash. L. R. Robinson. 2,173,614; Sept. 19.
Wall for open hearths, Insulated. E. J. Parsons. 2,173,764; Sept. 19.
Wall for pans, Dividing. F. G. Hoerr. 2,161,624; June 6.
Wall for railway cars, Side. G. G. Gilpin. 2,168,795; Aug. 8.
Wall furnace. J. S. Andrews. 2,163,928; June 27.
Wall gas heater. H. W. Hart. 2,159,149; May 23.
Wall, Glass. P. G. Masters. 2,176,654; Oct. 17.
Wall, Heat insulating. J. F. O. Stratton. 2,175,579; Oct. 10.
Wall, Insulating refractory. G. P. Reintjes. 2,150,459; Mar. 14.
Wall insulation. F. G. Johnson. 2,172,048; Sept. 5.
Wall insulation. E. H. Wenzel. 2,179,678; Nov. 14.
Wall, Interlocking brick. W. C. Fuller. 2,173,104; Sept. 19.
Wall paper and the like, Device for smoothing. O. H. Foss. 2,158,695; May 16.
Wall paper pasting machine. J. R. Steren and W. F. Kramer. 2,154,643; Apr. 18.
Wallpaper placement and aligning means. J. Zenewich. 2,168,505; Aug. 8.
Wallpaper steamer supporting device. A. Cusick. 2,164,609; July 4.
Wall, Perforate. C. L. Newport and H. C. Smith. 2,150,338; Mar. 14.
Wall plug. J. J. Rawlings. 2,150,080; Mar. 7.

Wall, Railway car end. G. G. Gilpin. 2,155,265; Apr. 18.
Wall, Retaining. A. Henderson. 2,184,974; Dec. 26.
Wall section, Concrete. R. Carvel. 2,151,420; Mar. 21.
Wall slab. M. Myers. 2,184,464; Dec. 26.
Wall structure. B. E. Balduf. 2,160,711; May 30.
Wall structure. S. F. Burnet. 2,170,233; Aug. 22.
Wall structure. J. M. Pillatzke. 2,145,229; Jan. 24.
Wall structure, Building. L. E. Willson. Re. 21,278; Nov. 21.
Wall structure, Composite sheet metal. F. Griebsch. 2,158,234; May 16.
Wall structure, Concrete. E. E. Schmeller. 2,157,271; May 9.
Wall structure for aircraft compartments. H. Wagner and J. Muttray. 2,171,818; Sept. 5.
Wall structure, Metallic. K. Edahl. 2,164,646; July 4.
Wall structure, Paneled. D. M. Meeker. 2,151,221; Mar. 21.
Wall structures, Top member for self-contained. G. G. Sharp. 2,159,296; May 23.
Wall surfacing unit. F. M. Venzie. 2,150,997; Mar. 21.
Wall support. C. W. Dunlap. 2,178,782; Nov. 7.
Wall switch. R. I. Innis. 2,146,146; Feb. 7.
Wall unit and wall, Interlocking. E. A. Horn. 2,151,384; Mar. 21.
Walls, Method and apparatus for making brick-faced concrete. L. E. Willson. 2,178,535; Oct. 31.
Walls or the like, Plugging of. C. H. Taylor. 2,169,437; Aug. 15.
Walls, partitions, and the like, Construction of. A. H. Douglas and V. Lefebure. 2,172,816; Sept. 12.
Walnut-hulling device. W. E. Formway. 2,147,022; Feb. 14.
Wardrobe handbag, Convertible. H. B. Marbury and R. C. Jones. 2,154,630; Apr. 18.
Warm air furnace. E. I. Dail. 2,153,413; Apr. 4.
Warmer, Bun. A. M. Lewis and P. B. Weiler. 2,181,434; Nov. 28.
Warmer, Golf ball. J. P. Seals. 2,181,821; Nov. 28.
Warning and stopping device for knitting machines. C. Mitschele. 2,172,128; Sept. 5.
Warning device for motor vehicles. S. H. Caldwell. 2,178,986; Nov. 7.
Warning sign. H. Baker. 2,176,619; Oct. 17.
Warning signal. T. J. Scofield. 2,181,922; Dec. 5.
Warning signal. W. J. Wilde. 2,158,449; May 16.
Warning system for indicating the proximity of aircraft. F. W. Dunmore. 2,157,122; May 9.
Warp beam. F. Mossberg. 2,144,989; Jan. 24.
Warp goods. P. Schönfeld. 2,183,108; Dec. 12.
Warp goods provided with rubber threads. P. Schönfeld. 2,153,645; Apr. 11.
Warp knit fabric. K. Kaak. 2,159,615; May 23.
Warp leasing, Apparatus for. F. H. Kaufmann. 2,151,475; Mar. 21.
Warp leasing, Method of and apparatus for. V. C. Hassold. 2,147,253; Feb. 14.
Warp leasing, Method of and apparatus for. F. H. Kaufman. 2,147,257; Feb. 14.
Warp loom. R. Richter. 2,170,697; Aug. 22.
Warp stop motion. B. Plunkett. 2,167,907; Aug. 1.
Warp-uniting machine. M. N. Noling. 2,161,633; June 6.
Warper apparatus. B. Marcellus. 2,160,024; May 30.
Warping apparatus. B. A. Peterson and B. Marcellus. 2,172,850; Sept. 12.
Washboard attachment. M. H. Bassford. 2,171,906; Sept. 5.
Wash line coupling. K. Vey. 2,179,107; Nov. 7.
Wash tank. R. J. Anschicks. 2,155,464; Apr. 25.

Washer; *See*—
Air filter washer.
Bottle washer.
Can washer.
Cloth washer.
Clothes washer.
Lock washer.
Shock absorbing washer.
Spring washer.
Tumbler washer.

Washer. M. D. Durham. 2,160,328; May 30.
Washer. D. H. Gillham and G. H. Meade. 2,167,944; Aug. 1.
Washer. J. Podolsky. 2,172,592; Sept. 12.
Washer. L. A. Young. 2,157,516; May 9.
Washer. L. A. Young. 2,175,423–4; Oct. 10.
Washer and bolt, screw, or the like, Assembled lock. C. C. Washer. 2,176,411; Oct. 17.
Washer and drier, Combination floor. J. L. Deegan, Sr. 2,153,686; Apr. 11.
Washer and drier, Combined. C. E. Lang. 2,147,302; Feb. 14.
Washer and the like, Spring lock. G. B. Garrett and W. H. Thornton. 2,184,252; Dec. 19.
Washer and wiper, Windshield. F. L. Longwell and R. E. Nebelung. 2,173,021; Sept. 12.
Washer bearing device. E. A. Esnard and R. Boza. 2,148,195; Feb. 21.
Washer for nuts of threaded bolts, Double safety. I. Guiducci. 2,164,109; June 27.
Washing and conditioning material for citrus fruit. J. R. MacRill and R. D. Nedvidek. 2,150,284; Mar. 14.
Washing and cleaning machine and method. G. Kuhn 2,142,961; Jan. 3.
Washing and dry cleaning machine. H. C. Bowen. 2,182,655; Dec. 5.
Washing and drying apparatus. F. J. Osuch. 2,151,354; Mar. 21.
Washing and drying apparatus. F. J. Osuch. 2,173,564; Sept. 19.
Washing and elevating apparatus. W. E. Urschel. 2,156,364; May 2.
Washing and rinsing machine, Combined. L. De Marco. 2,161,022; June 6.
Washing apparatus. J. H. Clark. 2,155,254; Apr. 18.
Washing apparatus. B. W. Jones. 2,155,271; Apr. 18.
Washing apparatus. B. W. Jones. 2,155,273; Apr. 18.
Washing apparatus. L. A. Kempton. 2,142,902; Jan. 3.
Washing apparatus. H. E. Page. 2,167,086; July 25.
Washing apparatus. F. E. Smith. 2,150,947; Mar. 21.
Washing apparatus. E. S. Stoddard. 2,142,924; Jan. 3.
Washing apparatus. F. A. Walker. 2,142,927–8; Jan. 3.
Washing apparatus. F. A. Walker and G. F. Maisch. 2,142,929; Jan. 3.
Washing apparatus. F. A. Walker and E. S. Stoddard. 2,157,943; May 9.
Washing apparatus for drinking ware. W. M. Schall. 2,144,711; Jan. 24.
Washing composition. K. Jochum, H. Geier, and K. Pauser. 2,159,381; May 23.
Washing composition. K. Sponsel and K. Daimler. 2,184,171; Dec. 19.
Washing implement. M. Thienel. 2,174,113; Sept. 26.
Washing machine. A. W. Altorfer. 2,149,987; Mar. 7.
Washing machine. A. W. Altorfer. 2,180,186; Nov. 14.
Washing machine. H. F. Bariffi. 2,161,608; June 6.
Washing machine. P. E. Barker. 2,143,854; Jan. 17.
Washing machine. V. Bendix. 2,158,815; May 16.
Washing machine. K. Clark. 2,176,954; Oct. 24.
Washing machine. F. A. Conterman. 2,181,596; Nov. 28.
Washing machine. P. Cureton. 2,171,845; Sept. 5.
Washing machine. G. W. Dunham. 2,161,618–9; June 6.
Washing machine. W. E. Fulton. 2,157,695; May 9.
Washing machine. D. Hays. 2,152,477; Mar. 28.
Washing machine. S. S. Holland. 2,146,740; Feb. 14.
Washing machine. S. S. Holland. 2,174,787; Oct. 3.
Washing machine. P. R. Hoopes. 2,183,261; Dec. 12.
Washing machine. E. L. Hyde. 2,175,435; Oct. 10.
Washing machine. L. G. Knapp. 2,156,992; May 2.
Washing machine. C. E. Lang. 2,147,303; Feb. 14.
Washing machine. C. O. Marshall, Jr., and A. A. Loweke. 2,176,220; Oct. 17.
Washing machine. D. A. Meeker and H. L. Johnston. 2,158,904; May 16.
Washing machine. R. R. Miller. 2,145,453–4; Jan. 31.
Washing machine. A. W. Molinare. 2,172,620; Sept. 12.
Washing machine. W. Rocke. 2,148,646; Feb. 28.
Washing machine. J. F. Ross. 2,175,853; Oct. 10.
Washing machine. W. W. Russell. 2,170,096; Aug. 22.
Washing machine. R. W. Scott. 2,150,638; Mar. 14.
Washing machine. N. B. Wales and C. Roberts. Re. 21,020; Feb. 28.
Washing machine. N. H. Watts. 2,161,604; June 6.
Washing machine. J. Whyte and A. W. Molinare. 2,172,632; Sept. 12.
Washing machine. G. A. Williams and H. Brecknock. 2,185,109; Dec. 26.
Washing machine. E. R. Zademach. 2,175,677; Oct. 10.
Washing machine. L. Zimarik. 2,175,936; Oct. 10.
Washing machine, adapted particularly for use in so-called dry cleaning. H. W. Dillon. 2,176,298; Oct. 17.
Washing machine and the like. G. W. Dunham. 2,182,661; Dec. 5.
Washing machine attachment. J. Cavallaro. 2,163,191; June 20.
Washing machine, Automatic. H. H. Ball. 2,180,947; Nov. 21.
Washing machine, Clothes. T. G. Poe. 2,143,496; Jan. 10.
Washing machine, Compartmental. W. A. Frantz. 2,167,147; July 25.
Washing machine for dishes and the like. O. V. Jackson. 2,146,433; Feb. 7.
Washing machine head frame. T. S. Watson. 2,155,963; Apr. 25.
Washing machine, Portable. P. K. Misenhimer and W. A. Williams. 2,156,541; May 2.
Washing machine structure and making same, Cylindrical. H. H. Harland. 2,149,809; Mar. 7.
Washing machines, Feeding means for. E. C. Chandler. 2,162,277; June 13.
Washing, Method and apparatus for. I. P. Pedrick. 2,176,682; Oct. 17.
Washing process. C. J. Soderholm. 2,161,208; June 6.
Washing process, Laundry. M. Hushinsky. 2,161,167; June 6.
Waste control. G. B. Nystrom. 2,184,001; Dec. 19.
Waste disposal apparatus. A. Alexay. 2,166,786; July 18.
Waste disposal apparatus. J. H. Powers. 2,185,037; Dec. 26.
Waste from glass grinding and polishing operations, Recovery of. R. R. McGregor. 2,182,384; Dec. 5.
Waste grab preventer. A. G. Kenyon. 2,184,554; Dec. 26.
Wastepaper stock, Process and system for treating. A. W. Nickerson and E. C. Gildenzopf. 2,142,823; Jan. 3.
Waste receptacle. G. B. Creesy and F. A. Prahl. 2,170,604; Aug. 22.
Waste spray particles, Treating. L. J. Anderson. 2,161,122; June 6.
Watch. H. C. Ruger. 2,155,842; Apr. 25.
Watch and jewelry cleaning machine. S. Repasy. 2,184,020; Dec. 19.

Watch band, Ventilated and cushioned wrist. H. Singer. 2,184,060; Dec. 19.
Watch box. E. Lux. 2,157,990; May 9.
Watchcase mounting. A. Wewetzer and E. C. Anderson. 2,181,753; Nov. 28.
Watch cleaning machine. G. Ozer. 2,150,560; Mar. 14.
Watch, Combination wrist. H. A. Kehl. 2,166,687; July 18.
Watch container. W. J. Roy. 2,158,155; May 16.
Watch cover. A. Wewetzer. 2,154,225; Apr. 11.
Watch mounting. A. S. Blau. 2,182,194; Dec. 5.
Watch movement. A. Bulova. 2,176,786; Oct. 17.
Watch movement. H. Thiebaud. 2,167,604; July 25.
Watch movement holder, Wrist. R. W. Argo. 2,178,296;
Watch ornamentation, Diamond studded. H. B. Heit. 2,179,294; Nov. 7.
Watch, Touch time. J. L. Blanks. 2,168,314; Aug. 8.
Watch, Wrist. W. Schmitz. 2,163,220; June 20.
Watches, Keyless winding for. H. Colomb. 2,167,797; Aug. 1.
Watchman's service system. N. H. Saunders, and M. E. Griffins. 2,145,667; Jan. 31.
Water and air in air conditioning, Purification of. I. D. Groak and F. B. Orr. 2,162,809; June 20.
Water and beverages, Carbonating. J. G. Cameron. 2,151,586; Mar. 21.
Water and feed device. G. H. Hutaff, Jr. 2,174,725; Oct. 3.
Water and gas layers, Sealing off. F. A. Bent, A. G. Loomis, and H. C. Lawton. 2,169,458; Aug. 15.
Water and steam generating device, Combined hot. W. Kiss. 2,153,717; Apr. 11.
Water, Apparatus for carbonating. J. T. Rowell. 2,181,768; Nov. 28.
Water, Chlorinating. J. D. Robinson. 2,181,069; Nov. 21.
Water circulator. E. S. Cornell, Jr. 2,180,401; Nov. 21.
Water cleansing apparatus, Rotary. L. G. Garnsey. 2,148,903; Feb. 28.
Water closet. S. Duner. 2,165,243; July 11.
Water closet. S. Duner. 2,166,944; July 25.
Water closet. S. Duner. 2,167,645; Aug. 1.
Water closet. J. Gerger. 2,172,506; Sept. 12.
Water closet. J. M. Teahen. 2,166,573; July 18.
Water closet combination, Close connected. B. O. Tilden. 2,179,309; Nov. 7.
Water closet flushing apparatus. N. J. Desroche. 2,164,503; July 4.
Water closet for boats. E. Hoerichs. 2,158,938; May 16.
Water closet or defecator. W. C. Groeniger. 2,164,319; July 4.
Water-closet seat. H. C. Leslie. 2,168,907; Aug. 8.
Water conditioner. W. M. Cissell. 2,171,266; Aug. 29.
Water control for bathtubs, Automatic. D. E. Brummett. 2,180,790; Nov. 21.
Water control for flush tanks. F. M. Heath. 2,183,677; Dec. 19.
Water-control system for machines for washing drinking vessels. W. F. Ohme and R. C. Stephan. 2,170,307; Aug. 22.
Water-cooled coupling. E. L. Durrell. 2,156,493; May 2.
Water cooler. R. E. Billings. 2,160,639; May 30.
Water cooler. L. C. Smith. 2,183,509; Dec. 12.
Water cooler. G. J. Wiggenhorn. 2,157,446; May 9.
Water-cooling apparatus and method. A. F. Evers, Jr. 2,169,795; Aug. 15.
Watercraft. J. E. Canton. 2,165,745; July 11.
Watercraft. E. B. Wilford. 2,152,983–4; Apr. 4.
Water culture of vegetation, Apparatus for. W. M. Hansen. 2,152,254; Mar. 28.
Water current motor. G. W. Wise. 2,161,215; June 6.
Water deaeration. L. M. Goldsmith. 2,160,856; June 6.
Water distributor for ice boxes. F. A. Kavan. 2,183,868; Dec. 19.
Water distributor, Irrigation. J. E. Parker. 2,148,419; Feb. 21.
Water divider. F. M. Heath. 2,154,982; Apr. 18.
Water feeder. W. J. Woolley. 2,181,956; Dec. 5.
Water for boilers and the like, Treatment of feed. J. P. A. McCoy. 2,155,435; Apr. 25.
Water for chicks, Treating. A. H. Tiegen. 2,148,180; Feb. 21.
Water for power purposes and the like, Method of and apparatus for providing filtered. J. M. Maher. 2,152,619; Mar. 28.
Water for the purpose of reducing hardness, Electrical treatment of. A. J. Pierpoint and R. H. Crouch. 2,161,933; June 13.
Water fountain for chickens, Automatic. G. Goltz. 2,150,499; Mar. 14.
Water from fresh fruit, Method of and apparatus for removing excess surface. H. Paxton. 2,145,495; Jan. 31.
Water-gas generator. H. Koppers. 2,143,017; Jan. 10.
Water-gas generator, Intermittently operated. P. Van Ackeren. 2,179,650; Nov. 14.
Water-gas generator, Slagging. W. Linder. 2,163,148; June 20.
Water-glass protector. C. W. Ploen. 2,149,100; Feb. 28.
Water heater. F. H. Czeschin. 2,179,496; Nov. 14.
Water heater. A. M. Hart. 2,163,199; June 20.
Water heater. F. T. Holmes. 2,161,417; June 6.
Water heater. R. Pontremoli. 2,142,409; Jan. 3.
Water heater. U. G. Rogers. 2,179,274; Nov. 7.
Water heater. J. C. Sherrick. 2,155,567; Apr. 25.
Water heater. E. S. Stack. 2,159,571; May 23.
Water heater, Combination coal-fed. W. K. Staley. 2,174,901; Oct. 3.
Water heater for ranges. B. H. Simpson. 2,178,002; Oct. 31.
Water heating apparatus. A. B. Hultgren. 2,151,108; Mar. 21.
Water heating device, Hot. A. B. Trencavel. 2,154,646; Apr. 18.
Water heating means. G. F. Archer. 2,143,755; Jan. 10.
Water in oil wells, Shutting off. A. G. Loomis. 2,143,991; Jan. 17.
Water injecting device. H. L. Smith, Jr. 2,147,273; Feb. 14.
Water leakages into wells, Method of and apparatus for locating. G. H. Ennis. 2,184,338; Dec. 26.
Water-level control. R. O. Monroe. 2,168,267; Aug. 1.
Water-lubricated bearing. J. A. Smitmans. 2,170,667; Aug. 22.
Water mains, Cleaning. L. D. Wright. 2,151,671; Mar. 21.
Water, Method for prevention of seepage of. B. F. Powell. 2,159,954; May 23.
Water, Method of and apparatus for purifying. R. L. Negus. 2,161,721; June 6.
Water mixer, Thermostatically controlled. E. A. Hoopes. 2,145,115; Jan. 24.
Water or other extraneous fluid in oil wells, Shutting off. H. T. Kennedy. 2,146,480; Feb. 7.
Water, Production of heavy. F. Hansgirg. 2,156,851; May 2.
Waterproof container. R. J. Swanson. 2,182,040; Dec. 5.
Waterproofing composition. A. F. Taggart and W. L. Parrott. 2,180,971; Nov. 21.
Waterproofing construction for parapet walls E. J. Walsh. 2,155,915; Apr. 25.
Waterproofing construction for walls. E. J. Walsh. 2,153,288; Apr. 4.
Waterproofing solution for cement and stucco. W. B. Houston. 2,167,300; July 25.
Water purification. M. J. Shoemaker. 2,145,901; Feb. 7.
Water, Purification of organically polluted. O. M. Urbain and W. R. Stemen. 2,171,203; Aug. 29.
Water purifying and degasifying apparatus. V. A. Rohlin and C. E. Joos. 2,168,584; Aug. 8.
Water-purifying apparatus. W. F. Van Hweyk. 2,167,225; July 25.
Water softener, Valved. E. Pick. 2,146,983; Feb. 14.
Water softening apparatus. S. Smith. 2,176,549; Oct. 17.
Water softening system. C. E. Joos. 2,142,515; Jan. 3.
Water-soluble urea-formaldehyde-ethylene glycol condensation products and producing the same. T. S. Hodgins and A. G. Hovey. 2,168,477; Aug. 8.
Water sterilizing apparatus. F. Senyal. 2,153,345; Apr. 4.
Water strata in oil wells, Locating. D. W. Elliott. 2,167,066; July 25.
Water supplies, Treating. H. W. Doennecke, E. W. Douglass, and C. O. Anderson. 2,182,286; Dec. 5.
Water surveying apparatus. A. H. Frazier. 2,180,354; Nov. 21.
Water, Treating. C. J. Frankforter. 2,144,051; Jan. 17.
Water treating apparatus. S. B. Applebaum. 2,179,246; Nov. 7.
Water-treating apparatus. E. Pick. 2,170,975; Aug. 29.
Water treatment. P. M. Contant. 2,160,832; June 6.
Water treatment. H. N. Jenks. 2,154,167; Apr. 11.
Water treatment apparatus. W. H. Hinsch. 2,184,346; Dec. 26.
Water, Treatment of. O. Liebknecht. 2,164,156; June 27.
Water-tube boiler. C. P. Butler. 2,144,792; Jan. 24.
Water tube boiler. E. Pokorný. 2,151,988; Mar. 28.
Water valve. B. E. Shaw. 2,158,436; May 16.
Water vapor by and supply to gas producers, Controlling the production of. A. L. Galusha. 2,185,077; Dec. 26.
Water vehicle, Self-propelled. G. W. Mattson. 2,177,074; Oct. 24.
Watering device. F. Devary and M. Wise. 2,154,152; Apr. 11.
Waterless gas holder. F. Einbeck. 2,145,812; Jan. 31.
Watt-hour meter. R. M. Leippe. 2,169,028; Aug. 8.
Watt-hour meter. H. E. Trekell. 2,146,606; Feb. 7.
Watt-hour meter, Electric. F. P. Fulmer and J. S. Hollingsworth. 2,167,832; Aug. 1.
Wattmeter, Thermocouple. C. W. La Pierre. 2,169,101; Aug. 8.
Wave amplification. L. C. Peterson. 2,181,910; Dec. 5.
Wave amplifying system, Electric. R. S. Caruthers. 2,166,929; July 25.
Wave amplifying system, Electric. S. T. Meyers. 2,167,367–8; July 25.
Wave apparatus, Permanent. F. G. Hall. 2,162,081; June 13.
Wave energy, Method of and means for modulating. H. E. Goldstine. 2,176,587; Oct. 17.
Wave filter. W. P. Mason. 2,147,712; Feb. 21.
Wave filter. W. P. Mason. 2,183,123; Dec. 12.
Wave filter. R. A. Sykes. 2,169,301; Aug. 15.
Wave filter, Electromechanical. H. G. Och. 2,164,541; July 4.

Wave forming and setting device. W. Huppert. 2,171,503; Aug. 29.
Wave-generating system, Periodic. H. M. Lewis. 2,183,966; Dec. 19.
Wave generation and modulation. K. Fritz and W. Runge. 2,152,035; Mar. 28.
Wave generator. S. B. Smith. 2,143,093; Jan. 10.
Wave guide impedance element and network. S. A. Schelkunoff. 2,155,508; Apr. 25.
Wave limiter circuit. W. van B. Roberts. 2,182,322; Dec. 5.
Wave modulator arrangement, Carrier. C. S. Cockerell. 2,161,851; June 13.
Wave motion machine. H. Doerfler. 2,160,131; May 30.
Wave motor. C. E. Cook. 2,154,397; Apr. 11.
Wave pickup instrument, Electromagnetic. F. F. Reynolds. 2,147,060; Feb. 14.
Wave receiver, Electric. J. R. Pierce. 2,153,051; Apr. 4.
Wave receiving system, Modulated carrier. L. E. Thompson. 2,179,277 · Nov. 7.
Wave record analyzer. F. Rieber. 2,155,507; Apr. 25.
Wave signaling system. H. M. Lewis. 2,154,907; Apr. 18.
Wave system for two-way communication, Ultra short. W. Kriebel. 2,171,218; Aug. 29.
Wave system, Ultra short. R. M. Morris and C. P. Sweeny. 2,143,658; Jan. 10.
Wave translation. R. R. Riesz. 2,183,248; Dec. 12.
Wave translation system. H. S. Black. 2,154,888; Apr. 18.
Wave transmission, Guided. A. E. Bowen. 2,180,950; Nov. 21.
Wave transmission, Guided. F. B. Llewellyn. 2,142,138; Jan. 3.
Wave transmission, Guided. S. A. Schelkunoff. 2,147,717; Feb. 21.
Wave transmission, Guided electromagnetic. S. A. Schelkunoff. 2,151,157; Mar. 21.
Wave transmission network. W. P. Mason. 2,149,356; Mar. 7.
Wave transmission system, High frequency. A. G. Clavier. 2,173,897; Sept. 26.
Wave transmitter, Short. W. Buschbeck. 2,163,582; June 27.
Wave transmitter, Short. J. L. Hathaway. 2,180,107; Nov. 14.
Wave transmitter system, Common. F. Gerth and E. Schulze-Herringen. 2,173,902; Sept. 26.
Wave transmitter, Ultra-short. K. Christ. 2,156,051; Apr. 25.
Waver, Transparent section. M. E. Langlois. 2,152,894; Apr. 4.
Waves with rotary polarization, Transmission of. W. V. Roberts. 2,174,353; Sept. 26.
Waving apparatus, Permanent. W. H. Brown. 2,152,343; Mar. 28.
Waving apparatus, Permanent. V. J. and H. J. Kubiak. 2,183,023; Dec. 12.
Waving apparatus, Permanent. W. A. V. Thomsen and C. G. Gross. 2,149,153; Feb. 28.
Waving device, Permanent. W. H. Brown. 2,152,344; Mar. 28.
Waving device, Permanent. G. Decker. 2,142,306; Jan. 3.
Waving device, Permanent. D. Lakenbach. 2,182,636; Dec. 5.
Waving mechanism, Permanent. F. K. Bezzenberger. 2,152,342; Mar. 28.
Waving, Method for permanent. F. P. Frank. 2,173,102; Sept. 19.
Waving, Permanent. M. Denis. 2,149,134; Feb. 28.
Waving, Permanent. H. N. Durham and G. B. Finnegan, Jr. 2,177,881; Oct. 31.
Waving, Permanent. M. W. Fletcher. 2,173,297; Sept. 19.
Wax. F. H. MacLaren. 2,159,218; May 23.
Wax and cellulose ester compositions. S. Quisling. 2,154,822; Apr. 18.
Wax and like composition and preparing the same. H. C. Brumbaugh. 2,177,240; Oct. 24.
Wax applicator, Sealing. F. M. Van Fleet. 2,171,486; Aug. 29.
Wax composition. F. H. MacLaren and E. W. Adams. 2,185,031; Dec. 26.
Wax composition, Rubbing. A. Shapiro. 2,153,161; Apr. 4.
Wax-containing materials, Separating. D. B. Mapes and E. M. Dons. 2,168,574; Aug. 8.
Wax from hydrocarbon oil, Removal of. L. W. Cook and C. C. Towne. 2,147,573; Feb. 14.
Wax from hydrocarbon oil, Removal of. E. F. Pevere. 2,164,780; July 4.
Wax from hydrocarbon oil, Separation of. B. Y. McCarty. 2,164,776; July 4.
Wax from mineral oil, Separation of. R. E. Manley. 2,176,432; Oct. 17.
Wax from oil, Separation of. U. B. Bray. 2,167,970; Aug. 1.
Wax from oil, Separation of. L. P. Evans. 2,158,358; May 16.
Wax from oil, Separation of. L. P. Evans and H. H. Gross. 2,155,645; Apr. 25.
Wax from oils, Separating. E. M. Dons and D. B. Mapes. 2,164,391; July 4.
Wax from petrolatum, Separating. J. M. Whiteley and H. G. Vesterdal. 2,160,930; June 6.
Wax, Method of separating. A. H. Schutte. 2,168,306; Aug. 1.
Wax modifying agents, Producing. E. Lieber and M. M. Sadlon. 2,174,246; Sept. 26.
Wax, Recovery of. R. E. Manley. 2,164,779; July 4.
Wax, Refining. A. P. Anderson and E. J. Jahn. 2,145,784; Jan. 13.
Wax, Separating. A. H. Schutte. 2,168,141–2; Aug. 1
Wax stripper and tension device. G. W. Wood. 2,155,918; Apr. 25.
Waxes and preparing the same, Opaque. V. Voorhees. 2,185,046; Dec. 26.
Waxes, Purification. S. W. Ferris. 2,168,330; Aug. 8.
Waxing and polishing machine. G. F. Bickford. 2,142,933; Jan. 3.
Waxy surfaces, Sealing. W. I. Buckeridge. 2,182,513; Dec. 5.
Ways, Lubricating. W. A. Hart. 2,164,518; July 4.
Wear compensating device. J. I. Hulshizer. 2,161,052; June 6.
Wear-protectors of rubber or similar material to horseshoes, Securing. O. Miöen. 2,149,535; Mar. 7.
Wear resisting alloy. R. W. Schlumpf. 2,160,290; May 30.
Wear-resisting bodies, Producing composite. T. G. Beament. 2,155,215; Apr. 18.
Weatherproofing structure for doors. D. H. Harnly. 2,156,430; May 2.
Weather strip. D. C. Bailey. 2,182,687; Dec. 5.
Weather strip. H. H. Goldberg. 2,182,983; Dec. 12.
Weather strip. D. M. Hettinger. 2,172,580; Sept. 12.
Weather strip. A. W. Scott. 2,172,091; Sept. 5.
Weather strip. C. H. Widman. 2,161,648; June 6.
Weather strip and drain, Combined window. P. C. Johnson and E. C. De Smet. 2,184,553; Dec. 26.
Weather strip and sash balance. M. J. Gossen. 2,158,963; May 16.
Weather strip and window guide, Combined. E. J. Feller. 2,183,476; Dec. 12.
Weather strip assembly. L. A. Macklanburg. 2,182,207; Dec. 5.
Weather stripping. R. R. Cowen. 2,161,666; June 6.
Weatherstripping. P. R. Oftedal and D. G. Kingsley 2,158,298; May 16.
Weather stripping and the like. C. P. Schlegel. 2,142,258; Jan. 3.
Weather stripping for steel casement windows and doors, Metal. F. Kuhne, E. Marks, and P. M. Waldmann. 2,176,555; Oct. 17.
Weather stripping, Metal. F. W. Kammerer. 2,167,656; Aug. 1.
Weaver's knotter. C. E. White. 2,178,460; Oct. 31.
Weaver's loom. H. A. Lervad. 2,166,415; July 18.
Weaving. G. E. and R. H. Webster. 2,166,668; July 18.
Weaving and weaving device. A. J. Gash. 2,159,265; May 23.
Weaving, Cross. L. D. Orto. 2,177,944; Oct. 31.
Weaving frame. A. J. Haglund. 2,177,981; Oct. 31.
Weaving, Method and loom for. E. Hefti. 2,152,255; Mar. 28.
Weaving with two warp systems. W. Nicolet. 2,142,615; Jan. 3.
Web, Bituminized. H. W. Greider and G. A. Fasold. 2,159,586; May 23.
Web coating apparatus. D. A. Babcock and H. E. Van Derhoef. 2,168,968; Aug. 8.
Web coating, Apparatus for and method of double. C. J. Merrill. 2,176,093; Oct. 17.
Web controlling mechanism for projectors. F. E. Weller. 2,174,339; Sept. 26.
Web cut off. H. B. Greenwood. 2,184,522; Dec. 26.
Web cutting and rewinding machine. W. Köhler. 2,158,286; May 16.
Web dispenser. M. W. Greiser. 2,177,430; Oct. 24.
Web dispenser mounting. E. A. Gilling, F. P. Vaughan, and A. G. Krueger. 2,144,757; Jan. 24.
Web feeding and conditioning device. J. W. Smith. 2,178,922; Nov. 7.
Web feeding apparatus. F. E. Runge. 2,178,242; Oct. 31.
Web guiding device. E. F. Harmon. 2,164,919; July 4.
Web marking mechanism. C. D. Knowlton. 2,151,036; Mar. 21.
Web-marking mechanism. C. D. Knowlton. 2,159,029; May 23.
Web material, Apparatus for and method of drying. A. G. Gautreau. 2,144,919; Jan. 24.
Web material, Making. E. Hurst and M. Crane. 2,168,775; Aug. 8.
Web materials with liquefied reagents, Continuous process for reacting organic. E. Gebauer-Fuelnegg, E. W. Moffett, and H. F. Irving. 2,147,739; Feb. 21.
Web of fibrous material, Impregnating a. E. Hurst. 2,142,397; Jan. 3.
Web renewing. A. H. Mackley. 2,167,810; Aug. 1.
Web-replenishing means. W. C. Scott. 2,172,776; Sept. 12.
Web roll control mechanism for printing machines. W. C. Wieking. 2,155,431; Apr. 25.
Web splicing apparatus. H. A. W. Wood. 2,166,737; July 18.
Web splicing device. H. A. W. Wood. 2,148,094; Feb. 21.

Web splicing device. H. A. W. Wood. 2,172,722; Sept. 12.
Web-splicing method. P. L. Tollison. 2,160,526; May 30.
Web supply mechanism. A. Lundquist, R. A. Freeman, and W. C. Wieking. 2,155,430; Apr. 25.
Web supply mechanism for printing machines. A. J. Horton. 2,182,760; Dec. 5.
Webbing and producing the same, Ladder and like. G. F. French. 2,156,150; Apr. 25.
Webbing, Reinforced ladder. G. F. French. 2,156,151; Apr. 25.
Webs, Apparatus for imparting stretchability to. W. W. Rowe and W. A. Morris. 2,158,087; May 16.
Webs, Apparatus for making bituminized. H. W. Greider and G. A. Fasold. 2,159,587; May 23.
Webs, Coating. P. H. Pennell. 2,179,562; Nov. 14.
Webs, Forming duplexed. E. Claxton and H. Paschke. 2,163,372; June 20.
Webs, Method and apparatus for uniting printing. D. J. Seaman and H. H. Metcalf. 2,149,366; Mar. 7.
Webs of fibrous material, Method of and apparatus for continuously removing oleaginous and foreign substances from. R. E. Derby. 2,176,705; Oct. 17.
Wedge for concrete tie rods. D. C. Hungerford. 2,168,991; Aug. 8.
Wedge for use with wall ties. A. M. and C. A. Kinninger. 2,166,444; July 18.
Wedges, Method and apparatus for producing thin. B. O'Brien. 2,160,981; June 6.
Weed burner. G. J. Heberlein. 2,144,491; Jan. 17.
Weed cutting implement. W. Withington. 2,151,577; Mar. 21.
Weed exterminator. T. W. Jackson. 2,173,966; Sept. 26.
Weed extractor. E. A. Olson. 2,157,915; May 9.
Weed killer. E. C. Missbach. 2,156,789; May 2.
Weed-pulling appliance. J. N. Pride. 2,155,839; Apr. 25.
Weeder. E. L. Rasmussen. 2,180,429; Nov. 21.
Weeder. H. Woodruff. 2,184,968; Dec. 26.
Weeder and cultivator, Combination hand. J. Polillo. 2,143,660; Jan. 10.
Weeder, Rod. G. H. Morris. 2,176,541; Oct. 17.
Weeder, Rod. L. C. Van Patten. 2,165,019; July 4.
Weeding machine. O. H. Olson. 2,164,254; June 27.
Weft cutting and holding device for looms. J. J. McCann and J. Stuer. 2,169,768; Aug. 15.
Weft cutting device. W. T. Sullivan. 2,175,787; Oct. 10.
Weft feeler device for looms for weaving. W. Gledhill. 2,151,199; Mar. 21.
Weft feeler mechanism for looms. Z. Sochor. 2,161,727; June 6.
Weft stop motion for looms. A. A. Di Censo and A. Schaub. 2,175,558; Oct. 10.
Weigh beam damping device. C. Best. 2,180,893; Nov. 21.
Weighing and rejecting machine, Automatic. J. B. Smith. 2,158,023; May 9.
Weighing and sorting machine. C. A. Fausel. 2,178,203; Oct. 31.
Weighing and weight change indicating device. W. B. Jones. 2,157,706; May 9.
Weighing apparatus. A. J. Baagoe. 2,163,183; June 20.
Weighing apparatus. H. E. McCrery. Re. 21,169; Aug. 1.
Weighing, Apparatus for. M. Baermann, Jr. 2,148,523; Feb. 28.
Weighing apparatus, Automatic. D. W. Ripley. 2,177,997; Oct. 31.
Weighing device. F. H. Mathey. 2,183,817; Dec. 19.
Weighing device. D. H. Tinsley. 2,145,903; Feb. 7.
Weighing device, Automatic. G. W. Misner. 2,170,249; Aug. 22.
Weighing device, Folding. B. B. Klayman. 2,147,201; Feb. 14.
Weighting device for golf club heads, Adjustable. S. S. Held. 2,163,091; June 20.
Weighing device, Portable. J. P. Chamberlain. 2,185,073; Dec. 26.
Weighing machine. S. R. Howard. 2,151,107; Mar. 21.
Weighing machine. A. C. Schroeder. 2,157,577; May 9.
Weighing machine. F. Tidswell. 2,153,948; Apr. 11.
Weighing machine for dispensing and mixing paint, Automatic. N. Grubelic. 2,158,795; May 16.
Weighing mechanism. H. Küppenbender and W. Winzenburg. 2,172,618; Sept. 12.
Weighing scale indicator. W. B. Jones. 2,157,705; May 9.
Weight, Accumulative measuring and recording of. G. E. Weist. 2,173,746; Sept. 19.
Weight and height correlating device. D. Fleischer. 2,146,727–8; Feb. 14.
Weight control system. E. Godat. 2,156,895; May 2.
Weight counter-balancing mechanism for the magazines of matrix composing and line casting machines. C. A. Albrecht. 2,151,366; Mar. 21.
Weight recording and registering apparatus. K. A. Körber. 2,167,517; July 25.
Weight, Rod line. J. P. Ratigan. 2,184,874; Dec. 26.
Weight, Split line. E. C. Baker. 2,152,233; Mar. 28.
Weir, Double-sluice. P. Cicin. 2,183,288; Dec. 12.
Weld trimming apparatus. G. Spatta. 2,157,680; May 9.
Welded anchor block. P. Hoffman. 2,174,367; Sept. 26.
Welded construction. J. Kjekstad. 2,142,945; Jan. 3.
Welded joint. E. C. Chapman. 2,177,868; Oct. 31.
Welded rail joint. C. Schenck. 2,183,047; Dec. 12.
Welded structure. G. M. Deming. 2,146,333; Feb. 7.
Welder, Cage nut. H. W. Wilkins. 2,181,290; Nov. 28.
Welder, Closed section. C. de Ganahl. 2,151,422; Mar. 21.
Welder control system. F. H. Roby. 2,179,957; Nov. 14.
Welder, Dual current condenser. G. W. Watson. 2,184,627; Dec. 26.
Welder handle. W. De Long. 2,163,486; June 20.
Welder, Movable core alternating-current arc. E. F. Steinert. 2,157,871; May 9.
Welder, Spot. E. G. Beiderman. 2,144,790; Jan. 24.
Welding. P. P. Alexander. 2,168,185; Aug. 1.
Welding. A. G. de Golyer. 2,152,637; Apr. 4.
Welding. T. S. Gaylord. 2,170,019; Aug. 22.
Welding. J. M. Keir. 2,145,009; Jan. 24.
Welding. L. J. Larson. 2,158,799; May 16.
Welding. E. J. von Henke. 2,147,868; Feb. 21.
Welding and rolling mechanism. E. Reed. 2,175,616; Oct. 10.
Welding and soldering. H. Gerull. 2,174,628; Oct. 3.
Welding and tempering. A. M. Remington. 2,162,229; June 13.
Welding and welded joint. H. C. Lockwood. 2,145,937; Feb. 7.
Welding apparatus. L. S. Burgett. 2,183,473; Dec. 12.
Welding apparatus. J. W. Dawson. 2,162,530; June 13.
Welding apparatus. M. L. Eckman. 2,155,412–3; Apr. 25.
Welding apparatus. M. L. Eckman. 2,179,326; Nov. 7.
Welding apparatus. G. W. Elsey and C. F. Wittlinger. 2,151,378; Mar. 21.
Welding apparatus. C. D. Hazen. 2,146,430; Feb. 7.
Welding apparatus. C. W. Hines. 21,101; May 30.
Welding apparatus. E. A. Hobart. 2,176,341; Oct. 17.
Welding apparatus. R. K. Hopkins. 2,151,914–15; Mar. 28.
Welding apparatus. C. F. Kaunitz, F. M. Gunn, and H. S. Boles. 2,177,831; Oct. 31.
Welding apparatus. C. Lorenz and C. F. Kaunitz. 2,152,596; Mar. 28.
Welding apparatus. W. Morton. 2,149,861; Mar. 7.
Welding apparatus. E. J. von Henke. 2,151,342; Mar. 21.
Welding apparatus. G. W. Watson and E. C. Brannas. 2,184,628; Dec. 26.
Welding apparatus, Arc. G. G. Somerville. 2,146,601; Feb. 7.
Welding apparatus, Electric. A. W. Baird and F. G. Outcalt. 2,182,575; Dec. 5.
Welding apparatus, Electric. J. T. D. Spence. 2,178,408; Oct. 31.
Welding apparatus, Electric. H. A. Woofter. 2,149,654; Mar. 7.
Welding, Apparatus for. E. G. Biederman. 2,163,863; June 27.
Welding, Apparatus for electric. E. Riemenschneider and A. W. Luedtke. 2,174,928; Oct. 3.
Welding apparatus with coated electrodes, Arc. L. Müller. 2,166,638; July 18.
Welding, Arc. G. G. Somerville. 2,146,600; Feb. 7.
Welding, Arc. G. G. Sommerville. 2,163,439; June 20.
Welding, Automatic. A. R. Allard. 2,149,490; Mar. 7.
Welding, Automatic electric. H. E. Kennedy, M. A. Rotermund, and L. T. Jones. 2,145,010; Jan. 24.
Welding composition. C. A. Williams. 2,157,447; May 9.
Welding, Contact. C. B. Horsley. 2,145,724; Jan. 31.
Welding control, Automatic. J. H. Blakenbuehler. 2,152,785; Apr. 4.
Welding control system with polarizing relay. J. W. Dawson. 2,151,749; Mar. 28.
Welding device. W. Gladitz. 2,183,908; Dec. 19.
Welding, Electric. L. T. Jones. 2,152,194; Mar. 28.
Welding, Electric. J. E. Trainer, C. Ziegler, C. H. Yeo, and W. S. Jordre. 2,159,059; May 23.
Welding, Electric flash percussive. A. Vang. 2,159,916; May 23.
Welding electrode holder. E. Riemenschneider and M. G. Fettel. 2,151,871; Mar. 28.
Welding equipment. H. T. Platz. 2,159,860; May 23.
Welding head, Universal. A. D. Wiley and W. H. Franzmann. 2,160,048; May 30.
Welding, High speed. H. Diamond. 2,179,284; Nov. 7.
Welding implement. G. L. Hammon. 2,176,813; Oct. 17.
Welding machine. E. E. Beckman. 2,163,657; June 27.
Welding machine. E. G. Beiderman. 2,163,930; June 27.
Welding machine. P. M. Hall. 2,154,935; Apr. 18.
Welding machine. W. Kafka and W. Meenen. 2,175,841; Oct. 10.
Welding machine. W. H. Martin. 2,173,368; Sept. 19.
Welding machine. C. B. Marvin and E. J. Podany. 2,178,877; Nov. 7.
Welding machine. J. A. Potchen. 2,161,430; June 6.
Welding machine. W. E. Smith. 2,162,868; June 20.
Welding machine, Arc. G. Schroeder. 2,147,461; Feb. 14.
Welding machine, Electric resistance. H. A. Delano. 2,179,117; Nov. 7.
Welding, Method and apparatus for. J. L. Adams, Jr. 2,181,445; Nov. 28.
Welding, Method and apparatus for. J. V. Caputo. 2,176,656; Oct. 17.
Welding, Method and apparatus for. A. Longoria. 2,157,769; May 9.
Welding process. G. M. Deming. 2,182,796; Dec. 12.

Welding process. H. S. George. 2,147,367; Feb. 14.
Welding process and apparatus. A. R. Lytle and W. Morton. 2,158,664; May 16.
Welding process and apparatus for thin sheet metal. J. E. Fay and E. Reed. 2,172,080; Sept. 5.
Welding, Resistance. J. R. Gier, Jr. 2,151,758; Mar. 28.
Welding rod. W. C. Anderson. 2,165,022; July 4.
Welding rod. G. V. Ireland. 2,171,306; Aug. 29.
Welding rod. F. Leitner. 2,156,299; May 2.
Welding rod. A. R. Lytle and T. H. Vaughn. 2,158,984; May 16.
Welding rod. R. M. Rooke and F. C. Saacke. 2,150,785; Mar. 14.
Welding rod. P. Schoenmaker. 2,152,286; Mar. 28.
Welding strip and centrifugal casting. W. D. Sargent. 2,171,405; Aug. 29.
Welding system. M. S. Hancock. 2,179,331; Nov. 7.
Welding system. R. E. Marbury. 2,165,065; July 4.
Welding system. R. Schnarz. 2,175,921; Oct. 10.
Welding system. E. Steinert. 2,175,928; Oct. 10.
Welding system, Arc. R. E. Marbury. 2,151,786; Mar. 28.
Welding timer. D. I. Bohn. 2,152,631; Apr. 4.
Welding timer. C. Stansbury. 2,173,921; Sept. 26.
Welding tip. C. Pfanstiehl. 2,145,276; Jan. 31.
Welding tip. M. J. Wall and M. R. Scott. 2,184,479; Dec. 26.
Welding transformer. J. J. Jones. 2,179,661; Nov. 14.
Welding transformer. E. Steinert. 2,175,927; Oct. 10.
Welding wire. F. M. Walters, Jr. 2,146,320; Feb. 7.
Welds, Checking the quality of. D. Sciaky. 2,142,619; Jan. 3.
Well apparatus. H. E. Aulman. 2,158,393; May 16.
Well bit. A. C. Catland. 2,177,867; Oct. 31.
Well bit. T. A. Creighton and T. E. McMahan. 2,179,010; Nov. 7.
Well bit. L. A. Gauthey and W. C. Kuykendall. 2,152,628; Apr. 4.
Well bore enlarging tool. J. J. Santiago. 2,169,502; Aug. 15.
Well cap. E. W. McWilliams. 2,179,191; Nov. 7.
Well casing aligning guide. B. C. Moise. 2,184,051; Dec. 19.
Well casing control valve. R. W. Mueller and G. F. Carle. 2,154,955; Apr. 18.
Well casing extractor. J. C. Cizek. 2,160,472; May 30.
Well casing perforator. E. Alzner. 2,145,231; Jan. 31.
Well casing protector. W. I. Bettis. 2,166,116; July 18.
Well casing, Welding and setting. U. C. Murcell. 2,167,338; July 25.
Well cementing. L. A. Layne. 2,162,261; June 13.
Well cementing device, Deep. C. E. Strom. 2,159,640; May 23.
Well cementing shoe. R. C. Baker. 2,178,846; Nov. 7.
Well cleaner. C. K. Holt. 2,171,849; Sept. 5.
Well cleaner. C. C. Taylor. 2,150,406; Mar. 14.
Well cleaning. W. J. Crites. 2,179,620; Nov. 14.
Well cleaning device. L. H. Hayward. 2,159,023; May 23.
Well cleaning device. H. E. Williams. 2,178,194; Oct. 31.
Well completion apparatus, Oil. R. A. Mueller. 2,162,179; June 13.
Well completion apparatus, Oil. R. Smith and R. A. Mueller. 2,148,327; Feb. 21.
Well depths and well strings, Apparatus for measuring. J. T. Hayward. 2,166,212; July 18.
Well device. H. C. Otis. 2,144,850; Jan. 24.
Well drilling and reaming tool. F. F. Hodges. 2,180,589; Nov. 21.
Well drilling apparatus. A. A. Haldeman. 2,168,707; Aug. 8.
Well drilling apparatus. G. Heinisch. 2,145,352; Jan. 31.
Well-drilling bit. W. C. Starkey. 2,149,798; Mar. 7.
Well-drilling fluid. R. J. Ball. 2,174,027; Sept. 26.
Well drilling indicator. R. H. Carr, W. M. Saxon, G. G. Hebard, and Y. Neal. 2,163,665; June 27.
Well drilling machine. H. H. Elmire. 2,162,005; June 13.
Well drilling machine. J. Suth. 2,151,057; Mar. 21.
Well equipment, Side tracker for oil. G. F. Le Bus. 2,147,491; Feb. 14.
Well fishing tool. P. F. Jennings. 2,181,187; Nov. 28.
Well flow and test tool. R. L. Chappell. 2,161,135; June 6.
Well flow stimulator. G. R. Brammer. 2,184,809; Dec. 26.
Well flowing apparatus. C. S. Crickmer. 2,144,833; Jan. 24.
Well flowing device. C. S. Crickmer and H. C. Glitsch. 2,184,636; Dec. 26.
Well flowing device. J. E. Pippenger. 2,143,450; Jan. 10.
Well flowing means, Fluid. R. F. Muir. 2,171,402; Aug. 29.
Well flowing valve. T. E. Bryan. 2,179,226; Nov. 7.
Well fluids and conserving reservoir pressure, Recovering. J. P. Walker and E. V. Foran. 2,174,336; Sept. 26.
Well fluids, Recovering. J. P. Walker and E. V. Foran. Re. 21,239; Oct. 17.
Well, Gas lift or natural flow. H. C. Pyle. 2,181,099; Nov. 21.
Well graveling and developing assembly and method. L. A. Layne. 2,154,461; Apr. 18.
Well head. H. C. Otis. 2,163,178; June 20.
Well head. A. J. and K. T. Penick. 2,178,699; Nov. 7.
Well head and hanger, Combination. A. J. and K. T. Penick. 2,144,227; Jan. 17.
Well head and hanger, Combination. A. J. and K. T. Penick. 2,176,359; Oct. 17.
Well head apparatus. C. C. Brown. 2,145,844; Feb. 7.
Well into production, Apparatus for bringing a. W. L. Church. 2,157,729; May 9.
Well liner. E. B. Hall and A. L. Armentrout. 2,155,370; Apr. 18.
Well liners, casings, etc., Method and apparatus for repairing. E. B. Hall and A. L. Armentrout. 2,160,804; May 30.
Well logging, Electrical transient. L. W. Blau and L. Statham. 2,165,213; July 11.
Well operating mechanism. C. R. Athy. 2,142,552; Jan. 3.
Well packer. J. D. Nixon. 2,171,479; Aug. 29.
Well packer. F. A. Thaheld. 2,144,420; Jan. 17.
Well pipe plug. F. Stone and G. S. Knox. 2,144,818; Jan. 24.
Well plug. H. C. Otis. 2,180,605; Nov. 21.
Well point. T. F. Moore. 2,164,253; June 27.
Well point. J. W. Stang. 2,149,874; Mar. 7.
Well point and system therefor. T. F. Moore. 2,176,540; Oct. 17.
Well-point attachment, Induced flow. H. G. Hopkins. 2,159,157; May 23.
Well pump. E. T. Adams. 2,160,811; June 6.
Well pump. W. Brauer. 2,171,171; Aug. 29.
Well pump. W. F. Cox. 2,144,045; Jan. 17.
Well pump. W. F. Cox. 2,162,001; June 13.
Well pump. J. B. Davis. 2,174,123; Sept. 26.
Well pump. H. L. Foster. 2,173,413; Sept. 19.
Well pump, Deep. H. D. Collins. 2,146,328; Feb. 7.
Well pump, Deep. W. B. Erb. 2,146,500; Feb. 7.
Well pump, Deep. H. A. Thompson. 2,148,516; Feb. 28.
Well pump, Gas operated. R. P. Grayson. 2,144,679; Jan. 24.
Well pumping apparatus. C. N. Scott. 2,160,291; May 30.
Well pumping, Apparatus for deep. C. J. Coberly. 2,172,636; Sept. 12.
Well reamer. D. Love. 2,174,587; Oct. 3.
Well reaming tool. J. Grant. 2,170,451; Aug. 22.
Well rig transmission system. R. Lillich. 2,181,193; Nov. 28.
Well sample taking means, Oil. H. Dripps. 2,152,794; Apr. 4.
Well screen. W. L. Church. 2,162,799; June 20.
Well slotter. C. P. Bowie. 2,178,553–4; Nov. 7.
Well spider, Oil. B. F. Hiniker. 2,151,208; Mar. 21.
Well strainer and making it. R. E. Swanson. 2,160,790; May 30.
Well surveying device. R. E. Hendrickson. 2,167,072; July 25.
Well surveying instrument. R. E. Hendrickson. 2,167,071; July 25.
Well surveying instrument. J. C. Hewitt, Jr., and V. E. Kuster. 2,169,342; Aug. 15.
Well surveying instrument. G. A. Smith. 2,152,671; Apr. 4.
Well testing device. F. E. O'Neill. 2,161,233; June 6.
Well tool. O. A. Brown. 2,169,217; Aug. 15.
Well tool. A. E. Johnson. 2,179,594; Nov. 14.
Well tool. G. H. Neighbors. 2,153,268; Apr. 4.
Well, Treating a. W. D. Owsley and C. F. Seeber. 2,163,449; June 20.
Well treatment method. A. G. Loomis. 2,143,990; Jan. 17.
Well washing device. O. E. Melton. 2,180,309; Nov. 14.
Well, Water. C. E. Records. 2,157,085; May 2.
Wells, Acidizing. M. H. Arveson. 2,148,006; Feb. 21.
Wells, Apparatus for cementing. E. V. Crowell. 2,161,282–4; June 6.
Wells, Apparatus for cementing. E. V. Crowell. 2,177,172; Oct. 24.
Wells, Apparatus for cementing. J. W. Klomp. 2,164,190; June 27.
Wells, Apparatus for flowing. H. F. Chapman. 2,143,974; Jan. 17.
Wells, Apparatus for washing and cementing oil. J. E. Terrill. 2,156,207; Apr. 25.
Wells, Cementing. F. M. Gilstrap and F. W. Baurmann. 2,168,735; Aug. 8.
Wells, Completing. G. A. Lowrey. 2,147,537; Feb. 14.
Wells, Completing oil or gas. J. Vander Henst. 2,151,029; Mar. 21.
Wells, Device for straightening oil. D. B. Monroe. 2,173,309; Sept. 19.
Wells, Drilling. J. J. Grebe and L. C. Chamberlain. 2,146,732; Feb. 14.
Wells, Drilling. W. V. Vietti and A. D. Garrison. 2,165,823–4; July 11.
Wells, Flowing oil. W. J. Crites and W. B. Lerch. 2,168,116; Aug. 1.
Wells, Gravelling oil. L. A. Layne. 2,173,119; Sept. 19.
Wells, Means for flowing. J. R. Long. 2,161,966; June 13.
Wells, Means for flowing. H. C. Otis. 2,154,768; Apr. 18.
Wells, Means for the flowing of. J. D. Nixon. Re. 21,199; Sept. 5.
Wells, Measuring the location of obstructions in. C. P. Walker. 2,156,519; May 2.

Wells. Method and apparatus for completing. R. A. Mueller and R. Smith. 2,150,887; Mar. 14.
Wells, Method and apparatus for producing fluid from. A. L. Armentrout, and E. B. Hall. 2,164,266; June 27.
Wells, Method and apparatus for screening. W. V. Vietti and J. K. Butler. 2,167,191; July 25.
Wells, Method and apparatus useful in the production of. A. L. Armentrout and E. B. Hall. 2,173,033; Sept. 12.
Wells, Method of and equipment for acidizing. C. W. Savitz. 2,143,251; Jan. 10.
Wells, Preventing infiltration in. J. J. Grebe. 2,152,307–8; Mar. 28.
Wells, Producing. A. L. Armentrout and E. B. Hall. 2,173,034; Sept. 12.
Wells, Screening. W. V. Vietti. 2,167,190; July 25.
Wells, Sidetracking. A. L. Armentrout and E. B. Hall. 2,173,035; Sept. 12.
Wells, System for flowing. J. W. Taylor. 2,148,592; Feb. 28.
Wells, Treating. A. G. Loomis, H. T. Byck, and J. F. Fidiam, Jr. 2,177,345; Oct. 24.
Wells, Treatment of. W. H. Dow. 2,175,079; Oct. 3.
Wells, Treatment of. J. J. Grebe. 2,175,081; Oct. 3.
Wells, Treatment of. H. T. Kennedy. 2,164,459; July 4.
Wells, Treatment of. W. C. Phalen. 2,161,085; June 6.
Wells, Treatment of. P. G. Shelley. 2,171,011; Aug. 29.
Wells. Treatment of. S. M. Stoesser. 2,175,095; Oct. 3.
Wells with gravel packs, Finishing oil. W. L. McLaine. 2,171,884; Sept. 5.
Wells yielding gas, Treating oil. O. N. Maness. 2,146,754; Feb. 14.
Welt beating and slashing machine. J. B. Hadaway. 2,143,006; Jan. 10.
Welt construction for full-fashioned hosiery. J. E. Quinn. 2,148,836; Feb. 28.
Welt, Finishing. C. B. Hill. 2,143,695; Jan. 10.
Welt for stockings, Elastic. C. W. Seidel. 2,142,157; Jan. 3.
Welt for stockings, Elastic. C. W. Seidel. 2,150,133; Mar. 7.
Welt support. J. F. Smith and W. C. Card, Jr. 2,172,263; Sept. 5.
Welt support for sole attaching machines. S. J. Finn. 2,156,281; May 2.
Welt turning mechanism, Automatic. J. C. Ruedt and W. C. Redeen. 2,162,121; June 13.
Welting and its manufacture, Beaded. W. C. Vizard. 2,142,228; Jan. 3.
Welting, Making. H. Lyon. 2,142,198; Jan. 3.
Welting, Manufacturing beaded. W. C. Vizard. 2,153,321; Apr. 4.
Welts on straight bar knitting machines, Mechanism for producing. L. H. Colton. 2,142,745; Jan. 3.
Wetting agents and detergents, Preparing. W. J. Sweeney. 2,153,286; Apr. 4.
Wetting and spreading agent for oils. F. C. Nelson. 2,170,644; Aug. 22.
Whale line, Electrically conducting. F. Hanff. 2,175,389; Oct. 10.

Wheel: *See*—

Abrading wheel.	Hand wheel.
Abrasive wheel.	Heated steering wheel.
Automobile steering wheel.	Metal spoked wheel.
Automobile wheel.	Miniature airplane wheel.
Buffing wheel.	Polishing wheel.
Car wheel.	Power wheel.
Caster wheel.	Pulp stone and grinding wheel.
Castering wheel.	Safety wheel.
Collapsible vehicle wheel.	Sanding wheel.
Control wheel.	Shock absorbing wheel.
Demountable rim wheel.	Spring wheel.
Demountable wheel.	Stamped metal wheel.
Disk wheel.	Stamping wheel.
Dye wheel.	Steering wheel.
Fish cleaning wheel.	Traction wheel.
Folding steering wheel.	Tractor wheel.
Front wheel.	Vehicle wheel.
Gear wheel.	Windmill wheel.
Grinding wheel.	
Hand steering wheel.	

Wheel. F. W. Burger. 2,162,696; June 20.
Wheel. F. W. Burger. 2,167,102; July 25.
Wheel. R. J. Burrows and A. O. Williams. 2,167,633; Aug. 1.
Wheel. W. J. Coultas and N. F. Andrews. 2,157,691: May 9.
Wheel. H. C. Dreibuss. 2,177,693; Oct. 31.
Wheel. F. W. Fortney and J. A. Bell. 2,152,957; Apr. 4.
Wheel. F. C. Frank. 2,173,584; Sept. 19.
Wheel. C. W. Gannett. 2,154,932; Apr. 18.
Wheel. E. A. Grange, A. F. Kaptuller, and E. J. Schmidt. 2,152,684; Apr. 4.
Wheel. E. A. Grange and E. J. Schmidt. 2,152,685; Apr. 4.
Wheel. V. W. Kliesrath. 2,143,950; Jan. 17.
Wheel. L. V. Landgreen. 2,182,946; Dec. 12.
Wheel. F. H. Le Jeune. 2,155,667; Apr. 25.
Wheel. C. H. Linn. 2,148,699; Feb. 28.
Wheel. A. Massa. 2,176,914; Oct. 24.
Wheel. G. E. Moore. 2,164,883; July 4.
Wheel. P. J. Pedro. 2,145,525; Jan. 31.
Wheel. C. W. Sinclair. 2,143,456; Jan. 10.
Wheel. C. W. Sinclair. 2,170,666; Aug. 22.
Wheel. A. S. Van Halteren. 2,166,695; July 18.
Wheel, Abrasive. E. H. Van der Pyl. Re. 21,165: July 25.
Wheel aligner, Portable. C. S. Phillips. 2,160,226; May 30.
Wheel aligning apparatus. H. G. Holmes. 2,160,145; May 30.
Wheel-aligning gauge. H. P. Harrison. 2,159,084; May 23.
Wheel alignment mechanism. P. C. Palmer. 2,176,357; Oct. 17.
Wheel and axle assembly. T. V. Buckwalter. 2,177,924; Oct. 31.
Wheel and axle assembly. J. Hektner. 2,170,498; Aug. 22.
Wheel and brake assembly, Front axle. C. Sauzedde. 2,148,776; Feb. 28.
Wheel and brake mechanism, Automatic. N. A. Christensen. 2,172,788; Sept. 12.
Wheel and chassis alignment indicator. O. Haucke. 2,167,361; July 25.
Wheel and cooling the same, Grinding. D. Z. Murphy. 2,167,282; July 25.
Wheel and cover assembly, Spare. G. Lyon. 2,147,049; Feb. 14.
Wheel and manufacture, Abrasive. B. Sanford and D. E. Webster. Re. 21,043; Apr. 4.
Wheel and method of grinding, Grinding. H. W. Wagner and K. F. Whitcomb. 2,173,461; Sept. 19.
Wheel and method of salvaging buffing wheels, Buffing. H. L. Hicks. 2,160,403; May 30.
Wheel and rudder for airplanes, Integral tail. H. W. Case. 2,170,808; Aug. 29.
Wheel and springing element therefor. E. H. Piron. 2,172,641; Sept. 12.
Wheel and tire assembly. H. F. Schippel. 2,155,564; Apr. 25.
Wheel assembly. F. W. Burger. 2,152,757; Apr. 4.
Wheel assembly. F. W. Burger. 2,155,988; Apr. 25.
Wheel assembly. F. W. Burger. 2,181,364; Nov. 28.
Wheel assembly. J. H. Ploehn. 2,176,544; Oct. 17.
Wheel assembly, Balanced. J. A. Purvis. 2,185,017; Dec. 26.
Wheel assembly, Dual. J. F. Higbee. 2,142,787; Jan. 3.
Wheel assembly, Dual. J. F. Higbee. 2,182,560; Dec. 6.
Wheel assembly, Fifth. O. A. Logan. 2,166,308; July 18.
Wheel assembly, Steering. H. D. Geyer. 2,166,290; July 18.
Wheel assembly, Tail. H. N. Martin. 2,179,877; Nov. 14.
Wheel attachment, Automobile steering. C. F. Bake. 2,150,709; Mar. 14.
Wheel attachment, Steering. D. S. Hoover. 2,166,296; July 18.
Wheel attachment, Tractor. L. Bahensky. 2,179,170; Nov. 7.
Wheel balance tester. C. C. Bennett. 2,170,848; Aug. 29.
Wheel balance testing machine. E. Hanson. 2,177,252; Oct. 24.
Wheel balancing apparatus. P. F. Hatch. 2,178,101; Oct. 31.
Wheel balancing means. F. W. Burger. 2,177,861; Oct. 31.
Wheel balancing unit. P. F. Hatch. 2,173,321; Sept. 19.
Wheel banking device. F. H. Dreyer. 2,162,067; June 13.
Wheelbarrow, Concrete mixing. D. St. John. 2,176,874; Oct. 24.
Wheel-blocking device for vehicles, Mechanical. C. W. Ackerman. 2,182,044; Dec. 5.
Wheel bodies, Making vehicle. C. W. Sinclair. 2,181,028; Nov. 21.
Wheel body elements, Manufacturing. F. H. Le Jeune. 2,170,661; Aug. 2.
Wheel brake. R. C. Russell. 2,152,923; Apr. 4.
Wheel brake, Caster. E. H. Schultz, Jr. 2,147,064; Feb. 14.
Wheel brake, Nonspin. E. E. Van Cleave. 2,166,201; July 18.
Wheel chair, Folding propulsion. H. A. Everest and H. C. Jennings. 2,181,420; Nov. 28.
Wheel construction. C. S. Ash. 2,170,647; Aug. 22.
Wheel construction. G. A. Lyon. Re. 21,296; Dec. 12.
Wheel construction. E. A. Nelson. 2,148,995; Feb. 28.
Wheel construction. C. W. Sinclair. 2,143,457; Jan. 10.
Wheel construction. B. Ulinski. 2,173,737; Sept. 19.
Wheel construction. B. W. Yankovitch. 2,145,565; Jan. 31.
Wheel construction for vehicles, Tandem. C. A. Wicker. 2,144,435; Jan. 17.
Wheel construction, Steering. H. A. Husted. 2,148,559; Feb. 28.
Wheel cover. W. N. Booth. 2,159,881; May 23.
Wheel cylinder adjustment device for brakes, Automatic. J. A. Baker. 2,154,082; Apr. 11.
Wheel cylinder, Hydraulic brake. E. R. Pierce and G. K. Hause. 2,182,262; Dec. 5.
Wheel disk. G. A. Lyon. 2,148,213; Feb. 21.
Wheel disk and mounting same. G. A. Lyon. 2,163,004; June 20.
Wheel disk construction. G. A. Lyon. 2,166,216; July 18.
Wheel disk, Ornamental. G. A. Lyon. Re. 21,179; Aug. 22.

Wheel disk, Ornamental. G. A. Lyon. 2,148,210; Feb. 21.
Wheel disk, Ornamental. G. A. Lyon. 2,157,136; May 9.
Wheel disk, Ornamental. G. A. Lyon. 2,157,960; May 9.
Wheel disk, Ornamental beaded. G. A. Lyon. 2,162,732; June 20.
Wheel disk structure, Ornamental. G. A. Lyon. 2,157,908; May 9.
Wheel disk structure, Ornamental. G. A. Lyon. 2,162,730; June 20.
Wheel disk structure, Ornamental. G. A. Lyon. 2,162,736; June 20.
Wheel disks, Forming. F. H. Le Jeune. 2,178,143; Oct. 31.
Wheel disks, Making. G. A. Lyon. 2,148,212; Feb. 21.
Wheel dressing device. D. R. Hall. 2,148,120; Feb. 21.
Wheel drive. E. J. Conger. 2,162,606; June 13.
Wheel drive mechanism for vehicles, Front. R. E. Cole. 2,172,362; Sept. 12.
Wheel driving means, Flexible. W. H. Waller. 2,182,417; Dec. 5.
Wheel for automobiles, Shock-absorbing steering. W. W. Hamill. 2,166,931; July 25.
Wheel for automobiles, Steering. C. A. Buchanan. 2,172,121; Sept. 5.
Wheel for cash registers and the like, Indicator. T. O. R. Dahlberg. 2,154,495; Apr. 18.
Wheel for toy electric trains. O. Fischer. 2,171,923; Sept. 5.
Wheel for track laying vehicles. J. K. Christmas. 2,149,278; Mar. 7.
Wheel for tractors, Traction. C. A. Sisler. 2,146,235; Feb. 7.
Wheel for vacuum cleaner nozzles, Floor. W. H. Leathers. 2,145,549; Jan. 31.
Wheel for vehicles, Artillery type. J. Greaker. 2,170,404; Aug. 22.
Wheel for vehicles, Detachable. J. Roper. 2,173,043; Sept. 12.
Wheel, Forming a vehicle. F. H. Le Jeune. 2,165,863; July 11.
Wheel grinding machine. W. T. Bitler, M. S. Evans, and R. P. McBride. 2,164,491; July 4.
Wheel guard fastener. R. W. Harroun. 2,161,161; June 6.
Wheel head, Sanding. C. Jones. 2,167,573; July 25.
Wheel hub structure, Steering. H. F. Smith. 2,162,759–61; June 20.
Wheel hub structure, Steering. H. F. Smith. 2,163,569; June 20.
Wheel machining apparatus. F. L. Hall. 2,152,380; Mar. 28.
Wheel, Making a. G. A. Lyon. 2,162,735; June 20.
Wheel, Making a. C. W. Sinclair. 2,159,911; May 23.
Wheel, Making a metal. D. W. Voorhees, Jr. 2,145,673; Jan. 31.
Wheel, Making a vehicle. E. A. Bierwirth and H. J. Kienle. 2,159,880; May 23.
Wheel mounting. C. L. Eksergian. 2,161,740; June 6.
Wheel mounting. P. W. Gaenssle. 2,174,070; Sept. 26.
Wheel mounting. J. H. Ploehn. 2,151,045; Mar. 21.
Wheel mounting. C. Sauzedde. 2,162,751; June 20.
Wheel mounting. C. S. Schroeder. 2,169,167; Aug. 8.
Wheel mounting for vehicles. V. G. and E. V. Garnett. 2,147,025; Feb. 14.
Wheel mounting for vehicles, Shock reducing and cushioning. G. L. Larison. 2,170,454; Aug. 22.
Wheel or its equivalent for aircraft, Tail supporting. L. E. Cowey. 2,182,333; Dec. 5.
Wheel or pully lock. J. Schaefer. 2,170,352; Aug. 22.
Wheel or wheel section and the product thereof, Making a buffing. E. W. Hall. 2,165,752; July 11.
Wheel puller. G. E. Blackwood, Jr. 2,171,910; Sept. 5.
Wheel rim and spoke construction, Steering. H. A. Husted. 2,184,800; Dec. 26.
Wheel rim refinishing machine. W. J. Schultz and E. Pedersen. 2,150,462; Mar. 14.
Wheel rims, Apparatus for manufacturing vehicle. F. H. Le Jeune. 2,181,020; Nov. 21.
Wheel rims, Forming drop-center. F. H. Le Jeune and J. E. Copeland. 2,181,848; Nov. 28.
Wheel spread adjuster for tractors, Front. A. E. Johnson. 2,173,419; Sept. 19.
Wheel structure. R. H. Beckman. 2,171,170; Aug. 29.
Wheel structure. R. H. Beckman. 2,173,195; Sept. 19.
Wheel structure. W. H. Hoffmann. 2,161,351; June 6.
Wheel structure. J. H. Ploehn. 2,161,381; June 6.
Wheel structure, Vehicle. H. Buss. 2,149,113; Feb. 28.
Wheel structures, Making. J. W. Tatter. 2,150,111; Mar. 7.
Wheel support. F. J. Raschka. 2,163,469; June 20.
Wheel support. A. I. Tollefson. 2,164,554; July 4.
Wheel supporting means for vehicle. K. Rabe. 2,158,776; May 16.
Wheel suspension. J. W. Leighton. 2,145,360; Jan. 31.
Wheel suspension. T. A. Peterman. 2,170,064; Aug. 22.
Wheel suspension. F. W. Slack. 2,162,828; June 20.
Wheel suspension and engine mounting, Rear. J. Tjaarda. 2,164,096; June 27.
Wheel suspension and the straight line mechanism therefor, Independently steerable. J. J. Chapman. 2,146,418; Feb. 7.
Wheel suspension, Flexible beam. T. A. Peterman. 2,172,173; Sept. 5.
Wheel suspension for automobiles, Independent. A. Perron. 2,166,368; July 18.
Wheel suspension for motor vehicles, Front. R. Zavarella. 2,155,521; Apr. 25.
Wheel suspension for motor vehicles, Rear. N. E. Lawrence. 2,163,981; June 27.
Wheel suspension for vehicles, Independent. E. D. Watson. 2,160,608; May 30.
Wheel suspension for vehicles of all kinds, Independent. S. Möhl. 2,143,329; Jan. 10.
Wheel suspension, Independent. F. E. Clemons. Re. 21,142; July 11.
Wheel suspension, Independent. J. W. Leighton. 2,143,274; Jan. 10.
Wheel suspension, Vehicle. H. A. Hicks. 2,154,569; Apr. 18.
Wheel suspension, Vehicle. F. Porsche. 2,183,940; Dec. 19.
Wheel testing instrument, Vehicle. E. D. Wilkerson. 2,171,616; Sept. 5.
Wheel traction means, Vehicle. R. H. Leggett. 2,174,944; Oct. 3.
Wheel traction, Vehicle. E. Deardorff. 2,179,587; Nov. 14.
Wheel truing apparatus, Grinding. C. C. Alvord. 2,150,091; Mar. 7.
Wheel truing apparatus, Grinding. C. C. Alvord. 2,171,516; Sept. 5.
Wheel truing apparatus, Grinding. L. E. Paine. 2,178,842; Nov. 7.
Wheel unit, Independently sprung suspension. A. R. Pribil. 2,158,488; May 16.
Wheel unit, Motor. W. A. Hockett. 2,150,833; Mar. 14.
Wheel, Vehicle. J. H. Hunt and H. J. Horn. Re. 21,059; Apr. 25.
Wheeled vehicle. F. Rogers and J. Robinson. 2,176,472; Oct. 17.
Wheels, Apparatus for flushing and repacking automobile. C. Jackson. 2,160,214; May 30.
Wheels, Dressing and truing abrasive. W. B. Locke. 2,176,350; Oct. 17.
Wheels, Forming. C. W. Sinclair. 2,174,639; Oct. 3.
Wheels, Making. C. W. Sinclair. 2,174,640; Oct. 3.
Wheels, Manufacture of disk. W. W. Hamill. 2,170,617; Aug. 22.
Wheels, Manufacturing. J. L. Hecht. 2,154,617; Apr. 18.
Wheels, Method and apparatus for forming blower. E. A. Freed. 2,155,264; Apr. 18.
Wheels, Method of and apparatus for grinding toothed. E. Huff. 2,158,423; May 16.
Wheels of abrasive material, Manufacturing grinding. G. E. Vance. 2,157,779; May 9.
Wheels of motor vehicles, Springing of the. F. Porsche. 2,164,838; July 4.
Wheels, Producing vehicle. D. J. Campbell. 2,163,022; June 20.
Wheels used for gearing, Apparatus for dressing the grinding. M. G. E. Philippe. 2,166,020; July 11.
Whey, Drying. C. O. Lavett. 2,172,393; Sept. 12.
Whey, Drying milk. J. R. Spellacy. 2,163,331; June 20.
Whey powder, Manufacturing a noncaking dried. D. D. Peebles and P. D. V. Manning. 2,181,146; Nov. 28.
Whey to produce alcohol, Fermenting. W. Kauffmann and P. J. van der Lee. 2,183,141; Dec. 12.
Whey, Treatment of. G. C. Supplee. 2,173,922; Sept. 26.
Whip-stitching device. J. T. Sandberg and S. R. Bjereus. 2,158,430; May 16.
Whip stock. S. G. Ackley. 2,171,020; Aug. 29.
Whip stock. F. Kinzbach. 2,158,329; May 16.
Whipstock. O. B. Trotter. 2,147,585; Feb. 14.
Whip-stock bottom. H. J. Eastman. 2,170,284; Aug. 22.
Whipper. F. Rodwick. 2,179,383; Nov. 7.
Whipping and beating device. J. R. Searight. 2,149,104; Feb. 28.
Whipping and display container, Combination. E. R. Stivers. 2,154,538; Apr. 18.
Whirligig. F. V. Belstrup. 2,163,185; June 20.
Whisky, Treating. B. P. Bagby. 2,145,243; Jan. 31.
Whistle actuating and control means. E. G. Goddard. 2,176,458; Oct. 17.
Whizzer separator. J. Crites. 2,169,680; Aug. 15.
Wick. F. A. Jefferson. 2,145,878; Feb. 7.
Wicket, Rug croquet. L. J. Smith. 2,162,867; June 20.
Wicking, Fiber glass. E. B. Shand. 2,184,899; Dec. 26.
Wicks, Trimming. R. Hoffman. 2,162,401; June 13.
Wide range beat frequency generator. J. W. Conklin and C. W. Hansell. 2,143,864; Jan. 17.
Winch. M. B. Benson. 2,179,082; Nov. 7.
Winch. P. J. Messer. 2,170,504; Aug. 22.
Winch. J. C. Samltz and C. W. Kahlerth. 2,178,305; Oct. 31.
Winch, Airplane. J. C. Smaltz and C. W. Kahlerth. 2,163,231; June 20.
Winch driving gear assembly. P. J. Messer. 2,162,962; June 20.
Winches, Controlling apparatus for. G. T. MacFarlane. 2,152,555; Mar. 28.
Wind brake. A. H. Peycke, R. W. Clyne, and W. H. Baselt. 2,172,567; Sept. 12.
Wind deflector and brake. A. Huet. 2,146,297; Feb. 7.
Wind direction and velocity, Measuring and indicating, particularly applicable to. S. N. Mead. 2,142,951; Jan. 3.

Wind drive electric machine. D. R. Bates. 2,144,559; Jan. 17.
Wind instrument of the reed type. E. V. Powell. 2,163,352; June 20.
Windmill. C. H. Wigzell. 2,158,606; May 16.
Windmill and windmill electric generating and regulating storage system. C. Fumagalli. 2,179,885; Nov. 14.
Windmill wheel. C. H. Wigzell. 2,172,721; Sept. 12.
Wind motor. H. H. Raulerson. 2,170,911; Aug. 29.
Wind motor, Oscillatory. H. R. Villarreal. 2,151,172; Mar. 21.
Wind power machine. H. G. Irwin. 2,152,963; Apr. 4.
Wind power machine. H. G. Irwin. 2,181,658; Nov. 28.
Wind propelled generator. J. F. Cullin. 2,159,886; May 23.
Wind propelled turbine motor. J. A. Reedy. 2,169,165; Aug. 8.
Wind-screen attachment. O. Bornemann. 2,173,196; Sept. 19.
Windshield. G. W. Babcoke. 2,175,625; Oct. 10.
Windshield. A. Jensen. 2,166,108; July 18.
Windshield and window cleaner. S. Krongold. 2,169,206; Aug. 8.
Windshield cleaner. J. W. Anderson. 2,155,462; Apr. 25.
Windshield cleaner. R. Bulleigh. 2,154,373; Apr. 11.
Windshield cleaner. F. G. and W. M. Folberth. 2,144,454; Jan. 17.
Windshield cleaner. E. C. Horton. 2,146,215; Feb. 7.
Windshield cleaner. E. C. Horton. 2,146,396; Feb. 7.
Windshield cleaner. E. C. Horton. 2,170,264; Aug. 22.
Windshield cleaner. E. C. Horton. 2,173,447; Sept. 19.
Windshield cleaner. E. C. Horton. 2,184,700; Dec. 26.
Windshield cleaner system. E. C. Horton. 2,160,737; May 30.
Windshield cleaning device. W. J. Smith. 2,178,005; Oct. 31.
Windshield cleaning device. B. J. West. 2,162,985; June 20.
Windshield frame structure. A. T. Potter. 2,171,191; Aug. 29.
Windshield heater. J. H. Cohen. 2,158,674; May 16.
Windshield heater. A. A. Johnson. 2,157,056; May 2.
Windshield, Plumb bob. R. G. Danley. 2,184,505; Dec. 26.
Windshield regulator. J. B. Menton and B. W. Benz. 2,176,975; Oct. 24.
Windshield regulator assembly. R. A. Sandberg. 2,172,668; Sept. 12.
Windshield, Self-cleaning. R. Zeligman and D. Turin. 2,160,099; May 30.
Windshield support. F. W. Smith. 2,160,795; May 30.
Windshield, Vehicle. F. Nickola. 2,168,533; Aug. 8.
Windshield wiper. A. B. Grantham. 2,168,202; Aug. 1.
Windshield wiper clip. V. H. Christen. 2,170,939; Aug. 29.
Windshields and the like, Operating mechanism for. J. F. Levan. 2,183,774; Dec. 19.
Windshields, Mechanism for preventing formation of ice on. F. Cordova. 2,178,068; Oct. 31.
Wind wheel generator. E. M. Claytor. 2,178,679; Nov. 7.
Winder, Automatic. E. J. Abbott. 2,177,680; Oct. 31.
Winding and measuring machine, Multiple. W. C. Classe. 2,153,792; Apr. 11.
Winding and winding apparatus. H. R. Hawgood. 2,157,984; May 9.
Winding apparatus. B. Hanson. 2,143,315; Jan. 10.
Winding for high speed salient-pole machines, Damper. R. A. Baudry. 2,169,017; Aug. 8.
Winding machine. E. J. Abbott. 2,157,105; May 9.
Winding machine. E. J. Abbott. 2,160,810; June 6.
Winding machine. E. J. Abbott and J. E. Ring. 2,177,763; Oct. 31.
Winding machine. D. G. Baker and D. R. Gardner. 2,163,578; June 27.
Winding machine. P. P. Demay. 2,161,459; June 6.
Winding machine. F. J. Kent. 2,159,385; May 23.
Winding machine. F. Martindell. 2,172,770; Sept. 12.
Winding machine. J. O. McKean. 2,171,758; Sept. 5.
Winding machine. J. O. McKean. 2,178,263; Oct. 31.
Winding machine. D. E. Mills. 2,144,192; Jan. 17.
Winding machine. E. F. Parks. 2,147,212; Feb. 14.
Winding machine. G. N. Taylor. 2,165,018; July 4.
Winding machine, Automatic. G. A. Weimer. 2,177,311; Oct. 24.
Winding machine for making large soft cops. E. Stiassni. 2,182,039 Dec. 5.
Winding machine, Portable double drive. J. Scoffone. 2,179,760; Nov. 14.
Winding machine with driving drum drive for the winding bobbin. O. Bochmann. 2,143,297; Jan. 10.
Winding machinery for yarns, threads, ribbons, and the like. W. Pool. 2,159,102; May 23.
Winding, Method and apparatus for. E. L. Griggs, Jr. 2,170,194; Aug. 22.
Winding reel. F. J. Samerdyke. 2,175,218; Oct. 10.
Winding reel. F. J. Samerdyke. 2,179,523; Nov. 14.
Windlass, Sweep operated. S. Carlo. 2,146,622; Feb. 7.
Window. W. D. Bayley. 2,153,543; Apr. 11.
Window. W. D. Bayley. 2,162,601; June 13.
Window. H. Bianco. 2,170,603; Aug. 22.
Window. P. J. Flammang. 2,177,882; Oct. 31.
Window. H. Hanley and E. Nielsen. 2,154,330; Apr. 11.
Window. O. L. Herron. 2,145,930; Feb. 7.
Window. C. W. Kelly. 2,145,357; Jan. 31.
Window. C. O'Toole. 2,183,356; Dec. 12.
Window. G. F. Ruehl. 2,169,903; Aug. 15.
Window adjuster. J. W. Cramp and G. W. Dooley. 2,154,808; Apr. 18.
Window and method of glazing same, Detention. W. D. Bayley. 2,161,792; June 13.
Window and regulator, Rear quarter. E. G. Simpson. 2,160,038; May 30.
Window assembly. W. D. Bayley. 2,161,791; June 13.
Window assembly. W. D. Bayley. 2,168,922; Aug. 8.
Window assembly for vehicle bodies. G. M. Lane. 2,145,659; Jan. 31.
Window, Auxiliary. H. M. Lynch and W. L. Holden. 2,173,758; Sept. 19.
Window, Barn. J. M. Mercer. 2,153,873; Apr. 11
Window, Casement. H. H. Goldberg. 2,155,483; Apr. 25.
Window, Casement. H. R. Seibold. 2,181,745; Nov. 28.
Window, Circle. F. F. Beil. 2,158,395; May 16.
Window cleaner. O. Moller. 2,158,141; May 16.
Window-cleaning device. A. Renik. 2,167,524; July 25.
Window cleaning machine. F. W. Bingell. 2,171,721; Sept. 5.
Window cleaning seat. G. Lange. 2,172,846; Sept. 12.
Window clearing system. E. C. Horton. 2,153,519; Apr. 4.
Window construction. R. T. Axe. Re. 21,126; June 27.
Window construction. R. Benzenberg. 2,159,583; May 23.
Window construction. O. M. Edwards. 2,150,675; Mar. 14.
Window construction. O. M. Edwards. 2,167,973–4; Aug. 1.
Window construction. O. M. Edwards. 2,174,781; Oct. 3.
Window construction. O. M. Edwards and R. B. Nelson. 2,144,106; Jan. 17.
Window construction. G. A. E. Kaul. 2,169,343; Aug. 15.
Window construction. G. A. Kreuscher. 2,152,488; Mar. 28.
Window construction. H. Mockli. 2,181,763; Nov. 28.
Window construction. R. B. Nelson. 2,157,425–6; May 9.
Window construction. R. B. Nelson. 2,175,909; Oct. 10.
Window construction. W. Owen. 2,167,772; Aug. 1.
Window construction. W. C. Randall and C. W. Kelly. 2,151,231; Mar. 21.
Window construction. A. Raphael. 2,161,637; June 6.
Window construction. G. Schuler. 2,165,943; July 11.
Window construction. J. Schunk. 2,177,462; Oct. 24.
Window construction. C. M. Verhagen. 2,162,364; June 13.
Window construction. F. E. Wall. 2,175,861; Oct. 10.
Window construction. E. Wandscheer. 2,156,555; May 2.
Window construction, Automobile. C. Hatossy. 2,175,391; Oct. 10.
Window construction, Car or bus. J. Schunk. 2,177,463; Oct. 24.
Window construction, Double. R. B. Nelson. 2,179,668; Nov. 14.
Window construction, Double. C. E. Stroud. 2,169,713; Aug. 15.
Window construction, Double. E. F. Toney. 2,174,279; Sept. 26.
Window construction for automobiles. W. L. Morrison. 2,164,342; July 4.
Window construction for motor buses or the like, Front or rear. S. E. Blessin. 2,163,566; June 20.
Window construction, Ventilating. G. M. Lane, 2,144,539; Jan. 17.
Window construction, Ventilating. G. M. Lane. 2,183,684; Dec. 19.
Window control, Casement. O. L. Keiser. 2,149,607; Mar. 7.
Window control device. R. A. Baird. 2,166,481; July 18.
Window control unit. G. H. Clement and M. A. Squier. 2,154,229; Apr. 11.
Window, Double glazed. P. E. Knudsen. 2,159,661; May 23.
Window, Double glazed. W. Owen. 2,177,001; Oct. 24.
Window for motor and other vehicle doors. C. Magid. 2,146,638; Feb. 7.
Window for stoves. D. J. Howard. 2,157,413; May 9.
Window for vehicles. W. L. Morrison. 2,164,341; July 4.
Window frame. J. I. Haskel. 2,177,037; Oct. 24.
Window frame construction. N. Trombetta. 2,182,008; Dec. 5.
Window frame mounting. R. G. Le Tourneau. 2,149,811; Mar. 7.
Window frame unit. E. L. Cridge. 2,152,986; Apr. 4.
Window frames and sash equipment therefore, Construction of. E. H. Marquart. 2,173,175; Sept. 19.
Window guiding and cushioning means. J. S. Reid. 2,174,530; Oct. 3.
Window head construction or the like. H. Cunin. 2,175,110; Oct. 3.
Window latch. E. H. Nabham. 2,153,769; Apr. 11.
Window latch. S. C. Reynaud. 2,157,016; May 2.
Window latch, Casement. O. W. Roberts. 2,175,485; Oct. 10.
Window lock. A. Fedor, Jr. 2,145,112; Jan. 24.
Window lock. R. B. Parrott. 2,151,934; Mar. 28.
Window lock. E. Peremi and L. Toth. 2,179,728; Nov. 14.
Window lock. E. F. Stillman. 2,158,260; May 16.

Window, Locomotive cab. H. H. Thomas. 2,161,108; June 6.
Window, Louver type. M. J. Griffith. 2,164,814 July 4.
Window mounting. O. F. Graebner and F. J. Westrope. 2,160,068; May 30.
Window mounting. C. F. Schlegel. 2,169,503–4; Aug. 15.
Window, Nonreflecting. H. M. Alexander. 2,172,184; Sept. 5.
Window operating device for vehicles. J. J. Quinland. 2,142,209; Jan. 3.
Window operator, Casement. E. Peremi and L. Toth. 2,176,683; Oct. 17.
Window or panel for motor cars, motor coaches, or the like. C. H. Nichols. 2,145,367; Jan. 31.
Windowpane construction, Double. L. W. Shutts. 2,173,664; Sept. 19.
Windowpane construction, Multiple. W. B. Firner. 2,173,649; Sept. 19.
Window, Pilot-house. W. L. Kraemer. 2,157,210; May 9.
Window platform. F. Kumutat. 2,148,239; Feb. 21.
Window protector. C. M. Killian. 2,150,280; Mar. 14.
Window-raising and lock-retracting means. C. F. H. Krug. 2,165,060; July 4.
Window, Refrigerator. P. H. Brinkoeter. 2,179,585; Nov. 14.
Window, Refrigerator. A. E. Dieterich. 2,179,589; Nov. 14.
Window regulator. B. S. Floraday. 2,153,689; Apr. 11.
Window regulator. H. L. Kegler. 2,152,055; Mar. 28.
Window regulator. J. H. Roethel. 2,168,242; Aug. 1.
Window regulator clutch. B. S. Floraday. 2,176,049; Oct. 17.
Window regulator mechanism. B. S. Floraday. 2,162,075; June 13.
Window regulator, Vehicle. S. W. Nicholson. 2,162,109; June 13.
Window, Reversible. L. B. Taylor. 2,181,385; Nov. 28.
Window, Robberyproof. C. J. Mullen. 2,183,819; Dec. 19.
Window-sash lock. J. K. Cooper. 2,147,966; Feb. 21.
Window sash lock. A. Zebrowski. 2,151,632; Mar. 21.
Window sash operating means. J. Schunk. 2,177,464; Oct. 24.
Window screen. F. Dominick. 2,146,251; Feb. 7.
Window screen. C. H. Hucke. 2,151,295; Mar. 21.
Window screen. L. F. Julien, F. R. Smith, and E. L. Billing. 2,173,334; Sept. 19.
Window screen. G. A. Kreuscher. 2,155,424; Apr. 25.
Window screen. A. P. Summers. 2,180,780; Nov. 21.
Window screen, Casement. J. Rose. 2,182,410; Dec. 5.
Window screen, Flexible. D. H. Applegate. 2,144,282; Jan. 17.
Window screen hanger. A. Lang. 2,177,942; Oct. 31.
Window screen hanger, Outside. E. K. Spyker. 2,153,281; Apr. 4.
Window shade and curtain support. G. E. Lowe. 2,169,053; Aug. 8.
Window sill. P. M. Keary. 2,178,282; Oct. 31.
Window, Sliding and swinging. I. Reiser. 2,183,105; Dec. 12.
Window strip installation and fastener for the same. W. H. Churchill. 2,152,582; Mar. 28.
Window strip installation and fastener for the same. W. H. Churchill. 2,177,591; Oct. 24.
Window strip installation and fastener for the same. W. H. Churchill. 2,180,920; Nov. 21.
Window strip installation and fastener for the same. H. J. Murphy. 2,152,601; Mar. 28.
Window strip installation and fastener for the same. H. J. Murphy. 2,153,972; Apr. 11.
Window structure. E. C. Swanson. 2,144,782; Jan. 24.
Window structure, Dual. R. Hayne. 2,151,103; Mar. 21.
Window structure for basements and the like. F. F. Beil and S. Madsen. 2,177,201; Oct. 24.
Window, Swinging. L. Sweany. 2,181,215; Nov. 28.
Window, Ventilating. J. W. Taylor. 2,145,668; Jan. 31.
Window, Ventilating storm. E. W. Phillips. 2,152,566; Mar. 28.
Windows, Glass run for slidable. E. B. Lefevre. 2,155,559; Apr. 25.
Windrowing, Method and apparatus for. W. H. McElwain. 2,168,266; Aug. 1.
Wine process. D. K. Tressler. 2,181,838–9; Nov. 28.
Wing arrangement, Aircraft. P. E. Hovgard. 2,165,482; July 11.
Wing assemblage, Elastic. L. Saives. 2,153,099; Apr. 4.
Wing flap. S. Scheu. 2,148,967; Feb. 28.
Wing flap mechanism. L. F. Engelhardt. 2,158,676; May 16.
Wing for aircraft, Rotative sustaining. J. A. J. Bennett. 2,183,158; Dec. 12.
Wing for airplanes, Resilient. J. D. Van Vliet. 2,182,366; Dec. 5.
Wing, fuselage, or other aircraft body. B. N. Wallis. 2,157,042; May 2.
Wing structure. F. E. Flader. 2,150,546; Mar. 14.
Wing system, Flapping. F. Budig. 2,155,468; Apr. 25.
Wing, Wind. W. J. Fuller. 2,164,059; June 27.
Wiper and brake, Oil gauge line. S. O. Truman. 2,150,086; Mar. 7.
Wiper arm, Windshield. W. J. Foster. 2,172,791; Sept. 12.
Wiper arm, Windshield. J. I. Liner. 2,161,965; June 13.
Wiper arm, Windshield. J. R. Oishei. 2,153,522; Apr. 4.
Wiper, Back mold. W. H. Sibley. 2,157,356; May 9.
Wiper, Bottle. J. Freeman. 2,147,250; Feb. 14.
Wiper casing clamp, Windshield. E. L. Davis. 2,162,002; June 13.
Wiper construction, Windshield. L. Marcolivio. 2,156,506; May 2.
Wiper for vanity case mirrors. F. M. Williamson. 2,165,599; July 11.
Wiper for vanity cases. F. M. Williamson. 2,145,035; Jan. 24.
Wiper for windshields. M. Zaiger. 2,149,037; Feb. 28.
Wiper, Gauge line. G. Smith. 2,157,024; May 2.
Wiper, Line casting machine metal-delivery mouth. S. Sofnas. 2,174,764; Oct. 3.
Wiper, Nonfreezing windshield. H. B. Bell, Jr. 2,153,544; Apr. 11.
Wiper, Rolling label. C. Holm. 2,161,470; June 6.
Wiper, Rotary windshield. R. C. Rau. 2,181,066; Nov. 21.
Wiper, Self-parking windshield. E. C. Horton. 2,165,180; July 4.
Wiper, Solder. C. S. Woolford. 2,161,839; June 13.
Wiper, Sucker rod. J. W. O'Dell. 2,163,007; June 20.
Wiper, Wind-screen. J. Burnside. 2,171,393; Aug. 29.
Wiper, Windshield. J. W. Anderson. 2,172,928; Sept. 12.
Wiper, Windshield. E. C. Horton. 2,167,207; July 25.
Wiper, Windshield. E. C. Horton. 2,179,451; Nov. 7.
Wiper, Windshield. H. B. MacRobert. 2,164,829; July 4.
Wiper, Windshield. L. Marcolivio. 2,156,505; May 2.
Wiper, Windshield. W. Paulus. 2,179,454; Nov. 7.
Wiper, Windshield. C. P. Rogers. 2,161,682; June 6.
Wiper, Windshield. S. E. Rosenberg. 2,158,254; May 16.
Wiper, Windshield. V. Sence. 2,176,373; Oct. 17.
Wiper, Windshield. T. J. Smulski. 2,147,112; Feb. 14.
Wiper, Windshield. L. W. Waters. 2,172,488; Sept. 12.
Wiper, Windshield. M. Zaiger. 2,153,224; Apr. 4.
Wiper, Windshield. L. Zaiger. 2,160,246; May 30.
Wiper, Window. E. C. Horton. 2,160,736; May 30.
Wiping device. F. von Heinrich. 2,148,917; Feb. 28.
Wiping mechanism for intaglio printing presses. A. M. Wickwire, Jr. 2,180,785; Nov. 21.
Wire and apparatus for the practice of said method, Method of conditioning chrome alloy. W. H. Wood and O. C. Trautman. 2,164,850; July 4.
Wire and making same, Insulated. W. E. Cook. 2,164,904; July 4.
Wire and rod, Apparatus for handling coiled. L. R. MacLeod. 2,149,851; Mar. 7.
Wire, Apparatus for annealing moving. J. Cook. 2,176,582; Oct. 17.
Wire apparatus, Tie. E. W. Bullard. 2,171,120; Aug. 29.
Wire bending and clenching tool. W. Medved. 2,156,187; Apr. 25.
Wire bending machine. F. J. Horton. 2,160,020; May 30.
Wire-bending machine. G. Jacobs. 2,169,420; Aug. 15.
Wire block, Water-cooled. C. E. Tideman. 2,167,397; July 25.
Wire block, Water-cooled. C. E. Tideman. 2,171,461; Aug. 29.
Wire bound box. F. A. Schaack. 2,167,126; July 25.
Wire, Bowden. H. T. Anderson. 2,160,113; May 30.
Wire bracket. O. F. Tallman. 2,150,995; Mar. 21.
Wire cable connector tool. F. H. Schwerin. 2,176,277; Oct. 17.
Wire clamp. J. E. Miller and P. L. Osweiler. 2,166,847; July 18.
Wire cleaning device. F. P. Leahey. 2,178,912; Nov. 7.
Wire cloth, Manufacture of paper-makers'. W. D. T. Green. 2,143,552; Jan. 10.
Wire cloth, Method and apparatus for joining. W. E. Buchanan. Re. 21,028; Mar. 14.
Wire, Coated metal. R. H. Thielking. 2,174,912; Oct. 3.
Wire coiling machine. W. H. Blount and C. F. Fisher. 2,163,019; June 20.
Wire-coiling machine. W. H. Blount and C. F. Fisher. 2,175,426; Oct. 10.
Wire connecting device, Electric. D. F. Smith. 2,173,668; Sept. 19.
Wire connector. S. N. Buchanan. 2,160,694; May 30.
Wire connector. J. P. Burke. 2,158,029; May 9.
Wire connector. A. O. Kerr and H. H. Rix. 2,147,706; Feb. 21.
Wire connector, Solderless. S. N. Buchanan. 2,147,239; Feb. 14.
Wire construction, Lead. K. Matthies and H. Ganswindt. 2,162,489; June 13.
Wire, cord, yarn, and other materials, Winding on spools. S. H. Richards and W. J. Clements. 1,163,010; June 20.
Wire cutting apparatus. F. Lindgren. 2,144,540; Jan. 17.
Wire cutting machine. J. G. Baumgartner. 2,166,087; July 11.
Wire drawing. E. H. Harris. 2,142,394; Jan. 3.
Wire drawing. D. S. Starring and G. B. Horn. 2,158,038; May 9.
Wire drawing die. A. Simons. 2,146,995; Feb. 14.
Wire-drawing machine. C. E. Tideman. 2,175,069; Oct. 3.

Wire drawing machinery. G. W. Penney. 2,179,348; Nov. 7.
Wire, Drawing of. R. C. Pierce. 2,162,357; June 13.
Wire fabric. E. L. Blackburn. 2,149,834; Mar. 7.
Wire feed mechanism. J. M. Minkow. 2,170,830; Aug. 29.
Wire-feeding device. J. E. Anderson. 2,170,673; Aug. 22.
Wire for electric devices, Leading-in. M. Pirani and H. Wolff. 2,153,390; Apr. 4.
Wire for thread guides, Retainer. P. B. Briggs. 2,158,609; May 16.
Wire from coils, Mechanism for dereeling or unwinding. J. F. Cullin. 2,179,574; Nov. 14.
Wire, Garnett. W. M. Schwartz. 2,175,131; Oct. 3.
Wire handling device, Barbed. J. Lacht. 2,177,436; Oct. 24.
Wire insulating machinery, Magnet. J. J. Keyes. 2,179,334; Nov. 7.
Wire knotting machine. S. S. Marcus and S. Krakauer. 2,166,636; July 18.
Wire laying machine. J. H. Gray and R. J. Kent. 2,155,044; Apr. 18.
Wire line clamp. T. W. Bell and T. C. Rogers. 2,183,904; Dec. 19.
Wire line swing. W. C. Trout. 2,157,442; May 9.
Wire, Magnet. O. F. Freeland. 2,163,119; June 20.
Wire, Making insulated. W. E. Cook. 2,155,403; Apr. 25.
Wire, Manufacture of. A. Dahlberg. 2,169,444; Aug. 15.
Wire, Manufacture of formed. E. W. Sawyer and R. F. Gibbs. 2,169,129; Aug. 8.
Wire, Method and apparatus for coiling. D. E. Hennessy. 2,176,872; Oct. 24.
Wire, Method of and apparatus for grooving. C. K. Hill. 2,168,340; Aug. 8.
Wire mill equipment. L. Young and A. A. Boyle. 2,163,389; June 20.
Wire netting machine. T. Rössler. 2,164,043; June 27.
Wire nettings. Electrowelding of. W. Krämer. 2,155,095; Apr. 18.
Wire or the like, Resistance. C. A. H. Jahn. 2,166,055; July 11.
Wire-pulling device. S. S. Colt. 2,150,646; Mar. 14.
Wire reel. F. L. Carson. 2,173,352; Sept. 19.
Wire sawing. J. B. Newsom. 2,158,830; May 16.
Wire screen. E. P. Douglass. 2,150,647; Mar. 14.
Wire splice. R. A. Becker, Sr., and S. P. Becker. 2,158,892; May 16.
Wire splicing tool. N. J. Johnson. 2,147,042; Feb. 14.
Wire spooling machine. J. A. Borck. 2,149,238; Feb. 28.
Wire straightening apparatus. C. D. Johnson. 2,148,357; Feb. 21.
Wire straightening device. C. A. Robinson. 2,160,908; June 6.
Wire strands, Manufacture of. G. M. Harris. 2,156,652; May 2.
Wire stretcher. B. W. Stewart. 2,179,438; Nov. 7.
Wire stripper hand tool. H. G. Jan Voogd. 2,179,581; Nov. 14.
Wire support for paper machines, Forming. E. E. Berry. 2,170,109; Aug. 22.
Wire, Suspending line. F. J. Poinan. 2,149,070; Feb. 28.
Wire tensioning device. G. Eggink. 2,177,562; Oct. 24.
Wire terminal. C. L. Matthews, C. E. Mosley, and T. Birkenmaier. 2,154,689; Apr. 18.
Wire terminal. D. M. Weiger. 2,161,266; June 6.
Wire tightener. G. W. Clark. 2,163,083; June 20.
Wire tightener and fastener, Concrete form tie. A. T. Pryne. 2,152,090; Mar. 28.
Wire tightening and twisting machine. H. W. Cox. 2,165,455–6; July 11.
Wire, Toaster guard. V. Serota. 2,147,388; Feb. 14.
Wire tong support. E. J. De Right and M. T. Tipsord. 2,179,251; Nov. 7.
Wire-transport reel. L. F. Fyles. 2,184,739; Dec. 26.
Wire twister. W. Ross. 2,176,276; Oct. 17.
Wire twister and tightener, Combination. L. Johnson. 2,168,992; Aug. 8.
Wire tying mechanism, Automatic. F. J. Trimble. 2,173,403; Sept. 19.
Wire-weaving machine. F. F. Schmiege. 2,172,037; Sept. 5.
Wire winding apparatus. C. R. Bolton, A. Lawrenson, E. S. Hargreaves, W. J. Clements, and W. A. Brown. 2,174,376; Sept. 26.
Wire wrapping tool. I. G. Carter. 2,165,883; July 11.
Wireless receiving apparatus. F. T. Lett. 2,172,477; Sept. 12.
Wireless receiving apparatus, Controlling. J. H. Naden. 2,166,636; July 18.
Wires and rods, Apparatus for straightening. A. F. J. Wright. 2,172,134; Sept. 5.
Wires, Apparatus for flattening lead. J. F. Donovan and J. Flaws, Jr. 2,170,784; Aug. 22.
Wires, Device for stringing. H. R. Kuenzi. 2,155,053; Apr. 18.
Wires, Drawing small diameter. P. R. Kalischer. 2,165,056; July 4.
Wires of magnesium or alloys thereof, Manufacture of. H. Hadenfeldt and B. Blumenthal. 2,149,436; Mar. 7.
Wires together, Securing. E. W. Krueger. 2,162,815; June 20.
Wiring and molding system, Combined electric. R. L. Davison. 2,175,145; Oct. 3.
Wiring and molding system, Combined electric. R. L. Davison. 2,175,148; Oct. 3.
Wiring and molding system, Electrical. R. L. Davison. 2,175,144; Oct. 3.
Wiring system, Prefabricated. W. S. Rugg and H. D. James. 2,162,864; June 20.
Wobble or swash plate engine. C. B. Redrup. 2,182,213; Dec. 5.
Wood, Activation of compressed. M. E. Barker and R. S. Brown. 2,162,366; June 13.
Wood and other building material and the like against the action of white ants and other insects and against weathering, Preparation for the treatment of. G. A. Fry. 2,150,436; Mar. 14.
Wood and other vegetable materials, Patinating. E. Plantrou. 2,167,813; Aug. 1.
Wood, Bleaching of. H. O. Kauffmann and R. L. McEwen. 2,166,954; July 25.
Wood carving machine. G. A. Anderson. 2,185,011; Dec. 26.
Wood chipper. F. Pelot and R. Gotz. 2,174,593; Oct. 3.
Wood chipping machine. F. Pelot and R. Gotz. 2,172,449; Sept. 12.
Wood chips and the like, Method of and apparatus for cleaning. S. Rahmberg. 2,143,497; Jan. 10.
Wood, Composition. C. Roman. 2,181,439; Nov. 28.
Wood converting machine, Portable. G. C. Wetherbee. 2,166,455; July 18.
Wood flooring. J. F. McBride. 2,149,026; Feb. 28.
Wood from attack by insects and fungi, Protecting. F. H. Lyons. 2,154,173; Apr. 11.
Wood joint fastener. M. C. Putnam. 2,151,716; Mar. 28.
Wood or lignine or cellulose containing materials for obtaining valuable products, Treating. H. O. V. Bergstrom and K. N. Cederquist. 2,177,557; Oct. 24.
Wood preservation. E. R. Boller. 2,149,332; Mar. 7.
Wood preservative and stain, Combination. P. L. Gardner. 2,175,115; Oct. 3.
Wood, Preserving. E. R. Boller. 2,154,433; Apr. 18.
Wood-preserving composition. I. Hatfield. 2,182,080; Dec. 5.
Wood preserving liquid, Aqueous. D. Steinherz. 2,152,160; Mar. 28.
Wood products, Coloring of bent. W. C. Whyte. 2,147,587; Feb. 14.
Wood pulp, Bleaching. J. Schuber. 2,178,649; Nov. 7.
Wood pulp or the like with chemical reagents, Apparatus for treating. C. B. Thorne. 2,166,200; July 18.
Wood pulp to remove pitch, Treating. J. H. Fritz. 2,144,756; Jan. 24.
Wood-sawing machine. F. Grahek. 2,178,476; Oct. 31.
Wood-sealing composition. M. W. Johnson. 2,156,694; May 2.
Wood sectional block. J. J. Curtin. 2,172,905; Sept. 12.
Wood shaping machine, Duplex. W. M. Whitney. 2,142,863; Jan. 3.
Wood, Treating. R. Fortune. 2,176,763; Oct. 17.
Wood, Treating. T. Robinson. 2,142,333; Jan. 3.
Wood treating and preserving composition. H. B. Carpenter. 2,177,448; Oct. 24.
Wood-treating composition. I. Hatfield. 2,182,081; Dec. 5.
Woodwind instrument. H. W. Loney. 2,180,118; Nov. 14.
Woodworking machine. J. E. Boice. 2,166,703; July 18.
Woodworking machine. T. J. Mickow. 2,175,907; Oct. 10.
Woodworking machine. C. Wazac, Sr. 2,166,831; July 18.
Wool abraiding ring, Metallic. M. A. Stybr. 2,164,286; June 27.
Wool certain other fibers, Removing from. C. S. Ferguson. 2,152,640; Apr. 4.
Wool, Cleaning. F. H. Mackenzie. 2,183,142; Dec. 12.
Wool, Making glass. G. Slayter. 2,175,225; Oct. 10.
Wool, Method and apparatus for spinning glass. G. Slayter. 2,150,945; Mar. 21.
Wool or other fibrous substances of animal origin, Reducing the felting properties of. G. Wiegand. 2,144,824; Jan. 24.
Wool winder. R. G. Pluckrose. 2,164,145; June 27.
Work attachment, Circular. J. W. Ward. 2,157,310; May 9.
Workbox. H. E. Smith. 2,169,297; Aug. 15.
Work centering and holding machine. F. Morgan. 2,159,288; May 23.
Work centering and supporting means for milling machines. H. J. Leisner. 2,169,467; Aug. 15.
Work feed, Fluid pressure. O. M. Jensen, T. Whitley, and F. T. Wruk. 2,144,335; Jan. 17.
Work fixture. D. R. Hall. 2,159,267; May 23.
Work forming machine, Automatic. E. W. Brinkman. 2,182,939; Dec. 12.
Work handling and preheating mechanism for welding. R. Peterson. 2,151,044; Mar. 21.
Work holder. J. Brenzinger. 2,160,954; June 6.
Work holder. J. J. Groden. 2,179,625; Nov. 14.
Work holder. P. H. Sadowski. 2,147,800; Feb. 21.
Work holding means for typewriting machines. E. L. Wise. 2,152,944; Apr. 4.
Work locating and tool guiding means for keyway forming devices. H. E. Morton. 2,180,477; Nov. 21.
Workpieces, Apparatus for expanding metallic tubular. B. Bannister. 2,155,883; Apr. 25.
Workpieces, Grinding cylindrical. C. Thyssen. 2,156,485; May 2.

Workpieces, Method of and apparatus for honing. H. L. Blood. 2,164,868; July 4.
Work placing method and means for gear cutting machines. E. W. Miller. 2,168,488; Aug. 8.
Work rest. H. E. Balsiger. 2,160,378; May 30.
Work support. W. L. MacKenzie. 2,147,744; Feb. 21.
Work supporting device. L. A. Kingsley. 2,148,563; Feb. 28.
Work supporting table. G. A. Carlson. 2,166,461; July 18.
Work table. D. H. Chason. 2,157,648; May 9.
Work table. C. R. Davis. 2,143,826; Jan. 10.
Work table. W. F. Zimmerman. 2,183,363; Dec. 12.
Work table, Roller bearing mounted. W. F. Zimmermann and G. Davenport. 2,183,362; Dec. 12.
Working and kneading apparatus. J. Schaub. 2,166,197; July 18.
Worm drive brake, Automatic. H. L. Pray. 2,143,330; Jan. 10.
Worm element, Adjustable. H. Pelphrey. 2,165,761; July 11.
Worm polishing machine. J. M. Riordan. 2,142,415; Jan. 3.
Worms, Means for grinding. O. P. Lively. 2,144,459; Jan. 17.
Woven elastic fabric. J. V. Moore. 2,173,976; Sept. 26.
Woven fabric. G. J. J. Terrasse. 2,163,769; June 27.
Woven fabric, Selvedged. C. Clutsom. 2,144,912; Jan. 24.
"Wow", Method for determining. W. F. Wichart. 2,157,445; May 9.
Wrap, Evening. A. Brieff. 2,155,077; Apr. 18.
Wrapper. A. Schwartz. 2,168,585; Aug. 8.
Wrapper and packaged article. C. B. Stiner. 2,161,595–6; June 6.
Wrapper and packaging confectioneries, Confectionery. C. Barbieri. 28,156,328; May 2.
Wrapper and roller, Bottle. W. L. Dewberry. 2,179,780; Nov. 14.
Wrapper and system of producing same. M. T. Heller. 2,157,410; May 9.
Wrapper, Commodity. J. Schuchat. 2,173,919; Sept. 26.
Wrapper control for wrapping machines. W. Hoppe. 2,183,192; Dec. 12.
Wrapper cutting and delivering mechanism. J. F. Halstead. 2,157,536; May 9.
Wrapper for citrus fruits and making same, Tissue paper preservative. R. G. Misply and W. R. Barber. 2,173,453; Sept. 19.
Wrapper for foodstuffs. T. M. Hill. 2,156,987; May 2.
Wrapper or folder, File. M. Green. 2,155,187; Apr. 18.
Wrapper, Package. J. W. McCracken. 2,147,411; Feb. 14.
Wrapper, Quantity indicating. S. R. Millar. 2,159,997; May 30.
Wrapper, Razor blade. B. R. Nyhagen. 2,147,665; Feb. 21.
Wrapper, Refill dispensing. W. H. West. 2,158,712; May 16.
Wrapper removing device, Tire. A. G. Doros. 2,158,747; May 16.
Wrapper stripping apparatus, Pipe. C. F. Morain. 2,182,301; Dec. 5.
Wrapper tube forming machine. V. R. Luce. 2,161,479; June 6.
Wrapping for hose, Interlocking spiral reinforcing. C. Anderson. 2,143,852; Jan. 17.
Wrapping machine. J. Benz. 2,157,949; May 9.
Wrapping machine. R. R. Brightwell. 2,144,448; Jan. 17.
Wrapping machine. W. B. Bronander. 2,155,398; Apr. 25.
Wrapping machine. W. B. Bronander. 2,162,773; June 20.
Wrapping machine. J. W. Chalmers. 2,171,172; Aug. 29.
Wrapping machine. J. W. Chalmers. 2,179,685; Nov. 14.
Wrapping machine. C. M. Eberling. 2,166,946; July 25.
Wrapping machine. M. Krafft. 2,152,142; Mar. 28.
Wrapping machine. K. W. Lum and A. B. Vinogradoff. 2,166,473; July 18.
Wrapping machine. M. J. Milmoe. 2,144,265, Jan. 17.
Wrapping machine. A. G. Rose. 2,142,528; Jan. 3.
Wrapping machine. A. G. Rose. 2,153,483; Apr. 4.
Wrapping machine. E. L. Smith and C. Wetsel. 2,146,997; Feb. 14.
Wrapping machine, Automatic. A. O. Shafer. 2,152,330; Mar. 28.
Wrapping machine, Soft-package. R. H. Plass. 2,156,460; May 2.
Wrapping machine unit. C. J. Malhiot. 2,163,047; June 20.
Wrapping material. J. Eggert and B. Wendt. 2,171,427; Aug. 29.
Wrapping, Protective display. J. Schuchat. 2,162,644; June 13.

Wrench: *See*—

Adjustable wrench.
Automatic pressure release ratchet wrench.
Automatic wrench.
Basin wrench.
Die and tap wrench.
Die stock and top wrench.
Impact wrench.
Jar wrench.
Piano-tuning wrench.
Pipe wrench.
Ratchet wrench.
Right and left hand wrench.
Screw wrench.
Tap wrench.
Torque indicating wrench.
Torque measuring wrench.
Torque release wrench.
Torque wrench.

Wrench. L. A. Day. 2,156,529; May 2.
Wrench. J. P. Genard. 2,162,708; June 20.
Wrench. C. A. Graham. 2,185,058; Dec. 26.
Wrench. C. E. Harris. 2,156,285; May 2.
Wrench. A. E. Johnson. 2,181,621; Nov. 28.
Wrench. F. P. Kruse. 2,172,561; Sept. 12.
Wrench. S. Kupis. 2,163,283; June 20.
Wrench. P. E. Matta. 2,148,080; Feb. 21.
Wrench. W. E. McLaughlin. 2,179,558; Nov. 14.
Wrench. H. W. Michalka. 2,160,977; June 6.
Wrench. C. J. Mulcay. 2,148,573; Feb. 28.
Wrench. J. J. Nagle. 2,149,541; Mar. 7.
Wrench. J. H. Thompson. 2,147,938; Feb. 21.
Wrench. R. O. Wright. 2,181,678; Nov. 28.
Wrench and slide feeler gauge, Combination. D. E. Ferlin. 2,184,340; Dec. 26.
Wrench clip. A. T. Murray. 2,181,764; Nov. 28.
Wrench for coupling sucker rods. A. L. Barrington. 2,179,396; Nov. 7.
Wrench head, Producing a socket. E. A. Heschel. 2,182,922; Dec. 12.
Wringer. G. L. Davis. 2,179,715; Nov. 14.
Wringer. W. A. Fulkerson. 2,172,654; Sept. 12.
Wringer. L. Green. 2,174,496; Sept. 26.
Wringer. C. K. Skinner. 2,145,740; Jan. 31.
Wringer and rinser, Clothes. F. Alward. 2,178,385; Oct. 31.
Wringer, Automatic mop. A. Palmer. 2,166,965; July 25.
Wringer, Clothes. C. A. Christensen. 2,144,793; Jan. 24.
Wringer, Clothes. C. T. Jamison. 2,160,363; May 30.
Wringer, Clothes. F. R. Mokrohajsky. 2,147,853; Feb. 21.
Wringer construction. W. K. Voss. 2,147,069; Feb. 14.
Wringer control. F. S. Wheeler. 2,144,473; Jan. 17.
Wringer drain board mechanism. N. L. Etten. 2,183,882; Dec. 19.
Wringer drive. J. L. Perkins. 2,147,921; Feb. 21.
Wringer drive mechanism. F. Bendheim and D. Hirstel. 2,155,525; Apr. 25.
Wringer head mechanism. F. A. Parish. 2,149,866; Mar. 7.
Wringer mechanism, Toggle top. N. L. Etten. 2,183,881; Dec. 19.
Wringer, Mop. C. C. Bennett. 2,171,387; Aug. 29.
Wringer, Mop. W. Fader. 2,149,255; Mar. 7.
Wringer, Mop. H. T. Giddings. 2,143,846; Jan. 17.
Wringer, Mop. C. B. Greenstreet. 2,159,523; May 23.
Wringer, Mop. A. R. Howlett. 2,161,577; June 6.
Wringer, Mop. H. J. Lau. 2,165,862; July 11.
Wringer, Mop. J. L. Walters. 2,159,577; May 23.
Wringer release mechanism. A. W. Altorfer. 2,181,255; Nov. 28.
Wringer roll tensioning. N. L. Etten. 2,181,316; Nov. 28.
Wringer, Washing machine. F. A. Conterman. 2,173,514; Sept. 19.
Wringing device. W. H. Kober. 2,155,494; Apr. 25.
Wrinkle eliminator. R. Boice. 2,175,337; Oct. 10.
Wrist strap note pad. R. E. Kinney. 2,167,893; Aug. 1.
Wrist watch protector. R. V. Vedder. 2,182,830; Dec. 12.
Writing and reading lamp, Electrical pocket. F. Kostal. 2,161,872; June 13.
Writing cabinet. E. C. Drover. 2,156,776; May 2.
Writing coordinator. G. T. Wride. 2,143,426; Jan. 10.
Writing device. J. W. Albin. 2,153,032; Apr. 4.
Writing implement. A. Pestel. 2,144,027; Jan. 17.
Writing instrument. J. J. Devine. 2,184,585; Dec. 26.
Writing instrument. H. K. Stempel. 2,180,560; Nov. 21.
Writing instrument. J. W. Welsh. 2,146,609; Feb. 7.
Writing instrument clip. K. Weisser. 2,153,488; Apr. 4.
Writing machine. G. W. Edmunds. 2,152,841; Apr. 4.
X-bar for automobile frames. D. W. Sherman. 2,157,353; May 9.
X-ray apparatus. H. C. Bertram. 2,184,174; Dec. 19.
X-ray apparatus. A. Bouwers and A. Kuntke. 2,162,833; June 20.
X-ray apparatus. E. E. Charlton and W. F. Westendorp. 2,144,524; Jan. 17.
X-ray apparatus. C. W. Daumann. 2,149,164; Feb. 28.
X-ray apparatus. R. A. Fischer. 2,153,795; Apr. 11.
X-ray apparatus. H. Franke and H. Voigt. 2,146,889; Feb. 14.
X-ray apparatus. W. K. Kearsley. 2,151,602; Mar. 21.
X-ray apparatus. W. M. Lee and W. H. Haupt. 2,168,801; Aug. 8.
X-ray apparatus. R. R. Machlett. 2,164,997; July 4.
X-ray apparatus. H. B. McEuen. 2,148,488; Feb. 28.
X-ray apparatus. F. Scholz. 2,184,962; Dec. 26.
X-ray apparatus. R. J. Stava. 2,179,357; Nov. 7.
X-ray apparatus. W. F. Westendorp. 2,144,517; Jan. 17.
X-ray cassette tunnel. D. A. Eddy. 2,174,738; Oct. 3.
X-ray device. J. Kieffer. 2,167,114; July 25.
X-ray exposures, Apparatus for timing. F. N. Scaife. 2,167,529; July 25.
X-ray exposures, Method and installation for taking. A. Bouwers. 2,157,474; May 9.

X-ray filament current metering circuit. C. B. Horsley. 2,172,581; Sept. 12.
X-ray film package, Dental. J. A. Saffir. 2,144,392; Jan. 17.
X-ray inspection apparatus. E. W. Page. 2,179,859; Nov. 14.
X-ray inspection equipment and method. M. B. Adrian. 2,169,483; Aug. 15.
X-ray machine. P. Lehoczky. 2,144,114; Jan. 17.
X-ray marking device. E. S. Auer. 2,172,528; Sept. 12.
X-ray production, Method and apparatus for. K. H. Kingdon. 2,149,093; Feb. 28.
X-ray screening diaphragm. N. G. Schönander and S. H. Ledin. 2,143,799; Jan. 10.
X-ray shielding compound. M. Marasco and E. A. Merritt. 2,162,178; June 13.
X-ray system. J. F. Timmons. 2,171,134; Aug. 29.
X-ray therapy, Arrangement for the execution of deep. F. Dessauer. 2,145,686; Jan. 31.
X-ray tube. A. Klinckmann. 2,146,900; Feb. 14.
X-ray tube. A. Mutscheller. 2,157,718; May 9.
X-ray tube. D. E. Olshevsky. 2,168,780; Aug. 8.
X-ray tube. N. G. Schönander. 2,154,998; Apr. 18.
X-ray tube. A. Verhoeff. 2,148,000; Feb. 21.
X-ray tube stand. A. C. Nelson. 2,154,524; Apr. 18.
X-ray unit, Continuous duty. W. S. Werner. 2,170,933; Aug. 29.
X-rays, Device for screening-off secondary. G. A. Lindstedt. 2,157,491; May 9.
Xylosceu-1,2-tribenzoates and producing the same. R. T. Major and E. W. Cook. 2,157,137; May 9.
Yarn. L. Frenkel. 2,155,648; Apr. 25.
Yarn. A. Zenorini. 2,155,213; Apr. 18.
Yarn and fabric. W. H. Porter and T. H. Barker, 2d. 2,143,574; Jan. 10.
Yarn and fabric and making same. R. R. Sitzler and L. C. Holt. 2,160,178; May 30.
Yarn and fabric and making same, Textile. W. Whitehead. 2,155,519; Apr. 25.
Yarn and fabric and preparing same. C. Dreyfus and H. Platt. 2,145,923; Feb. 7.
Yarn and fabric construction. R. Bouvet and J. Haesler. 2,156,935; May 2.
Yarn and fabric containing such yarn, Crimped or waved. H. Dreyfus. 2,145,346; Jan. 31.
Yarn and fabric of mixed fibers. C. Dreyfus and W. Whitehead. 2,172,439; Sept. 12.
Yarn and fabric, Producing stiffened. C. H. Daniels. 2,156,491; May 2.
Yarn and producing same. V. R. Hardy. 2,174,878; Oct. 3.
Yarn and the like with fluids, Treating. E. C. Atwell. 2,150,309; Mar. 14.
Yarn and the product thereof, Finishing cotton. W. H. Furness. 2,183,477; Dec. 12.
Yarn, Apparatus for producing. G. M. Youngman. 2,145,144; Jan. 24.
Yarn, Apparatus for treating. H. V. Lang. 2,153,046; Apr. 4.
Yarn, Apparatus for winding. J. W. Brucker. 2,184,334; Dec. 26.
Yarn, Asbestos. W. A. Gibbons. 2,179,087; Nov. 7.
Yarn carrier and spool brake mechanism therefor. E. F. Hathaway and W. Bixby. 2,161,762; June 6.
Yarn carrier of knitting machines. C. G. Newton. 2,162,107; June 13.
Yarn changing mechanism for circular knitting machines. S. E. Thomas. 2,161,324; June 6.
Yarn cheese core. J. O. Precourt. 2,171,890; Sept. 5.
Yarn conditioner, Textile machine. H. Janssen. 2,166,548; July 18.
Yarn conditioning. J. B. Dickey and J. G. McNally. 2,153,138; Apr. 4.
Yarn conditioning composition. E. A. Robinson. 2,176,510; Oct. 17.
Yarn conditioning process and composition therefor. J. B. Dickey and J. G. McNally. 2,143,765; Jan. 10.
Yarn conditioning process and composition therefor. J. B. Dickey and J. G. McNally. 2,172,241; Sept. 5.
Yarn conditioning processes and compositions therefor. J. B. Dickey and J. G. McNally. 2,153,136–7; Apr. 4.
Yarn conditioning processes and compositions therefor. J. B. Dickey and J. B. Normington. 2,153,139; Apr. 4.
Yarn containing staple fiber from continuous filaments. Production of. W. I. Taylor and A. H. Woodruff. 2,167,916; Aug. 1.
Yarn control means for circular knitting machines. J. L. Getaz. 2,153,459; Apr. 4.
Yarn, Device for feeding. R. H. Lawson, I. H. C. Green, and A. N. Cloutier. 2,169,699; Aug. 15.
Yarn, Dyeing package. H. S. Drum, W. C. Dodson, and W. H. Jaxheimer. 2,180,896; Nov. 21.
Yarn, Elastic. A. Coté. 2,156,332; May 2.
Yarn feeder for circular knitting machines. H. H. Holmes. 2,173,783; Sept. 19.
Yarn-feeding means. M. Richter. 2,168,884; Aug. 8.
Yarn feeding mechanism for straight knitting machines. R. Anke. 2,143,341; Jan. 10.
Yarn furnishing device. R. H. Lawson and W. L. Smith, Jr. 2,158,547; May 16.
Yarn guiding, conditioning, and tensioning device. J. M. Seasholtz. 2,179,276; Nov. 7.
Yarn holder. F. W. Paffen. 2,155,505; Apr. 25.
Yarn laying mechanism for straight-bar hosiery machines. A. W. Mutchler. 2,161,550; June 6.
Yarn making. G. E. and R. H. Webster. 2,143,748; Jan. 10.
Yarn, Making combination. F. C. Werber. 2,183,703; Dec. 19.
Yarn measuring machine. J. A. Adell. 2,152,232; Mar. 28.
Yarn, Method and apparatus for the production of broken filament. F. W. Koster. 2,184,254; Dec. 19.
Yarn, Method and means for making drafted. A. Allwood. 2,179,078; Nov. 7.
Yarn moistening apparatus. J. Amon. 2,182,573; Dec. 5.
Yarn of artificial origin, After-treatment of. J. J. Stoeckly. 2,179,985; Nov. 14.
Yarn presentation frame, Tuft. E. F. Hathaway and W. Bixby. 2,161,761; June 6.
Yarn rack. E. A. G. Raasch. 2,147,216; Feb. 14.
Yarn rewinding set. K. Merkel. 2,158,828; May 16.
Yarn stripe attachment for circular spring needle knitting machines. E. C. Matthews. 2,144,189; Jan. 17.
Yarn swift. M. B. Penman. 2,170,764; Aug. 22.
Yarn tensioning for knitting machines. H. Janssen. 2,143,485; Jan. 10.
Yarn tester. A. Pagnacco. 2,182,349; Dec. 5.
Yarn, Textile. J. R. Caldwell. 2,169,757; Aug. 15.
Yarn treating process and composition therefor. J. B. Dickey and J. B. Normington. 2,184,009; Dec. 19.
Yarn treating processes and compositions therefor. J. B. Dickey and J. G. McNally. 2,153,134–5; Apr. 4.
Yarn treating processes and compositions therefor. J. B Dickey and J. B. Normington. 2,165,352–3; July 11
Yarn, Winding. W. G. Lea. 2,159,032; May 23.
Yarn, Winding. V. E. Wheeler. 2,153,784; Apr. 11.
Yarn-winding apparatus. S. M. Fulton and W. H. Kimpton. 2,173,160; Sept. 19.
Yarn winding apparatus. W. H. Kimpton and S. M. Fulton. 2,176,970; Oct. 24.
Yarn winding machine. E. Kinsella. 2,145,935; Feb. 7.
Yarn-winding machine. E. Kinsella and R. W. Moncrieff. 2,176,182; Oct. 17.
Yarn winding machine. R. W. Moncrieff and F. B. Hill. 2,147,664; Feb. 21.
Yarn winding machine. W. Shaw. 2,163,328; June 20.
Yarns and fabrics, and their manufacture, Cellulose acetate crepe. J. G. McNally. 2,169,269; Aug. 15.
Yarns and fabrics made therefrom, Treating. H. Rubinstein. 2,160,989; June 6.
Yarns and the like, Apparatus for lofting and fluffing. H. C. Wolfenden. 2,157,976; May 9.
Yarns and the like, Effecting intermittent treatment of running. W. I. Taylor and A. H. Woodruff. 2,152,222; Mar. 28.
Yarns, Apparatus for the clearing and cleaning of. J. H. Marsh. 2,150,387; Mar. 14.
Yarns, Bleaching mercerized cotton and rayon. E. P. Sherman. 2,148,842; Feb. 28.
Yarns, fabrics, etc., having a basis of organic derivatives of cellulose, Production of. H. Dreyfus. 2,159,011; May 23.
Yarns, Manufacture of cellulose organic acid ester crepe. J. G. McNally. 2,169,270; Aug. 15.
Yarns or other materials, Manufacture of artificial. H. Dreyfus and D. Finlayson. 2,142,716; Jan. 3.
Yarns or other materials, Manufacture of artificial. H. Dreyfus and D. Finlayson. 2,142,721; Jan. 3.
Yarns, Production of cellulose derivative staple fiber. W. I. Taylor. 2,174,607; Oct. 3.
Yarns, Production of crimped cellulose derivative. D. Finlayson. 2,174,573; Oct. 3.
Yarns to adapt them for textile operations, Conditioning of. J. B. Dickey and J. G. McNally. 2,184,008; Dec. 19.
Yarns, Winding of. C. W. Addy and R. H. J. Riley. 2,155,461; Apr. 25.
Yeast culture apparatus, Pure. R. Schwarz and A. R. Erda. 2,147,271; Feb. 14.
Yeast culture in bread making and yeast propagation. R. J. Williams. 2,147,762; Feb. 21.
Yeast for combination with food products, Processing. L. M. Holcomb. 2,156,499; May 2.
Yeast, Manufacture of. H. H. Browne. 2,166,339; July 18.
Yeast, Producing. R. J. William. 2,174,543; Oct. 3.
Yeast, Production of. J. Hilbers. 2,162,217; June 13.
Yeast, Production of. R. R. Irvin and M. W. Mead, Jr. 2,183,570; Dec. 19.
Yeast, Propagation of culture. E. L. Kitzmeyer. 2,150,329; Mar. 14.
Yoke, Animal. B. Copous. 2,145,179; Jan. 24.
Yokes, Making car coupler. J. B. Tegarty. 2,178,150; Oct. 31.
Zein coating composition, Substantially nongelling. R. E. Coleman. 2,185,118; Dec. 15.
Zein composition. O. Sturken. 2,156,927; May 2.
Zein filaments. L. C. Swallen. 2,156,929; May 2.
Zein solution and coating composition. R. E. Coleman. 2,185,110–17; Dec. 26.
Zein solutions with auxiliary solvents, Producing stable. R. E. Coleman. 2,185,123; Dec. 26.
Zein, The production of. L. C. Swallen. 2,156,928; May 2.
Zeolite and preparing the same, Artificial. M. J. Shoemaker. 2,165,014; July 4.

Zeolites, Making carbonaceous. R. Riley. 2,170,065; Aug. 22.
Zeroizing means. C. F. Webb. 2,150,666; Mar. 14.
Zinc alloy, Deep-drawing. K. Bayer and A. Burkhardt. 2,166,338; July 18.
Zinc alloy, Machinable plastic. A. Burkhardt and W. Wolf. 2,166,341; July 18.
Zinc alloy of constant dimensions, Plastic. A. Burkhardt. 2,166,340; July 18.
Zinc amminochloride solution. B. I. Stoops. 2,145,817; Jan. 31.
Zinc and barium from waste waters, Recovering. M. Müller. 2,150,394; Mar. 14.
Zinc base alloy. W. H. Finkeldey. 2,180,291–2; Nov. 14.
Zinc carbonate and zinc oxide, Making. R. L. Sessions and T. A. Mitchell. 2,144,299; Jan. 17.
Zinc chloride. R. J. Kepfer and A. K. Telfer. 2,166,253; July 18.
Zinc ground rod. T. J. Little. 2,157,180; May 9.
Zinc, Metallurgy of. W. Seguine, Jr. 2,144,942; Jan. 24.
Zinc, Method and composition for the bright coating of. L. Camel. 2,143,761; Jan. 10.
Zinc oxide, making. W. T. Maidens. 2,150,072; Mar. 7.
Zinc oxide, Producing high grade. M. M. Pearlman. 2,147,379; Feb. 14.
Zinc oxide, Treating. H. A. Depew. 2,153,687; Apr. 11.
Zinc plating. F. F. Oplinger. 2,146,439; Feb. 7.
Zinc, Plating bright. V. Hoffman. 2,157,129; May 9.
Zinc, Process and apparatus for producing. M. F. Perkins and R. G. Crane. 2,181,148; Nov. 28.
Zinc, Production of metallic. C. P. Debuch. 2,144,914; Jan. 24.
Zinc, Recovering. J. O. Betterton and M. F. Perkins. 2,183,535; Dec. 19.
Zinc sulphide as a ceramic opacifier. R. W. Hannagen. 2,163,516; June 20.
Zinc sulphide pigment. D. G. Morrow. 2,145,815; Jan. 31.
Zinc sulphide pigment and improving the light stability of same. J. H. Calbeck. 2,181,651; Nov. 28.
Zinc values from galvanizers' skimmings, Recovery of. R. J. Campbell. 2,173,876; Sept. 26.
Zipper fastener. B. R. Austin. 2,146,714; Feb. 14.
Zirconium carboxide and making same. C. J. Kinzie and D. S. Hake. 2,143,013; Jan. 10.
Zirconium magnetic alloy. P. P. Alexander. 2,184,769; Dec. 26.
Zirconium oxide, Making. C. J .Kinzie and D. S. Hake. 2,168,603; Aug. 8.
Zirconium silicate, Coherent. C. J. Kinzie. Re. 21,224; Oct. 3.
Zone control for heating systems. J. S. Baker. 2,145,641; Jan. 31.
Zone control system. J. P. Kriechbaum. 2,179,044; Nov. 7.

LIST OF DESIGN INVENTIONS

Accordion or similar article. M. Soprani. 113,242–3; Feb. 7.
Accordion, Piano. C. Farny. 113,136; Jan. 31.
Actuator for warning signals. C. E. Meyerhoefer. 116,540; Sept. 5.
Advertising and merchandising device, Automaton. F. L Dale. 114,919; May 23.
Advertising door pull. E. R. Erickson. 114,636; May 9.
Aerial, Automobile radio. A. J. Gardella and C. W. Buckingham. 113,907; Mar. 21.
Aeroplane. G. Craig. 117,341; Oct. 24.
Aeroplane. P. S. L. West. 116,326; Aug. 22.
Agitator. F. A. Conterman. 116,978; Oct. 3.
Agitator, Drink mixer. A. W. Seyfried. 118,249; Dec. 26.
Air circulating unit. G. Wilmet, D. F. Jones, and J. W. Miller. 117,235; Oct. 17.
Air conditioner. H. Schechtel. 116,381; Aug. 29.
Air conditioner and ozonizer, Combined. J. E. Kenney. 114,682; May 9.
Air conditioner and table. Combined portable. E. W. Petersen. 113,762; Mar. 14.
Air conditioning appliance, Overhead. D. P. Wilson. 113,339; Feb. 14.
Air conditioning control. C. B. Stevens. 117,679; Nov. 21.
Air diffuser, Aspirating. G. C. Lewis. 116,854–6; Sept. 26.
Air diffuser, Aspirating. G. C. Lewis. 117,694; Nov. 21.
Air distribution outlet. C. N. O'Day. 113,047; Jan. 24.
Air exhauster for toilet bowls. J. P. Lowther. 113,168; Jan. 31.
Airplane. T. Abrams. 113,649; Mar. 7.
Airplane. B. C. Boulton and L. C. McCarty, Jr. 114,972; May 23.
Airplane. A. P. de Seversky. 112,834; Jan. 3.
Airplane. G. Famularo. 112,990; Jan. 24.
Airplane. C. L. Johnson. 116,094; Aug. 8.
Airplane. F. E. Loudy. 115,854; July 25.
Airplane. J. S. McDonnell, Jr. 117,695; Nov. 21.
Airplane. J. D. McKellar. 116,206; Aug. 15.
Airplane. M. M. Munk and G. E. Bockrath. 117,419; Oct. 31.
Airplane. C E. Roberts. 114,299; Apr. 11.
Airplane. M. Watter. 113,775; Mar. 14.
Airplane, Medium range load carrying. J. C. Taylor and H. W. Case. 113,689; Mar. 7.
Airplane or the like. H. Silverstein. 113,019; Jan. 24.
Airplane, Pursuit. H. W. Case. 118,277; Dec. 26.
Airship. J. W. Fry. 114,533; May 2.
Airship. S. T. Rogers. 113,879–81; Mar. 21.
Air supply device for treating the scalp or the like. M. Ehrlich. 114,843; May 16.
Alarm, Combined visual and audible. T. J. Scofield. 114,724; May 9.
Alphabet. L. B. Biro. 118,098; Dec. 12.
Alphabet button or similar article. C. Bickner. 117,443; Nov. 7.
Alphabet for forming monograms. A. E. Knight, Jr. 113,746–7; Mar. 14.
Alphabet for forming monograms. H. C. Vaisey. 116,923; Oct. 3.
Alphabet for forming monograms or similar article. G. A. Armstrong. 113,253; Feb. 7.
Alphabet for forming monograms or similar article. M. Chernow. 116,361–2; Aug. 29.
Alphabet for forming monograms or similar articles. M. Chernow. 113,903–4; Mar. 21.
Alphabet for forming monograms or similar articles. M. Chernow. 114,841; May 16.
Alphabet or similar article. O. H. Sam. 114,967; May 23.
Altar, Portable. R. T. Gudell. 117,808; Nov. 28.
Altar, Virgin shrine. J. De Lisle. 116,133; Aug. 15.
Amplifier or the like. P. J. Faber. 116,261–2; Aug. 22.
Amplifier or the like. P. J. Faber. 116,394; Aug. 29.
Amusement device. W. J. Wendler. 115,224; June 13.
Anchor, Earth. A. B. Chance. 116,995; Oct. 3.
Animal boot. B. W. Henderson. 118,006; Dec. 5.
Antenna and mounting, Combined telescopic radio. R. Kopanski. 118,160; Dec. 19.
Antenna counterpoise. A. B. Bailey. 113,693; Mar. 7.
Antenna or the like, Radio. A. T. Mace. 116,080; Aug. 8.
Anvil. C. T. Oppermann. 113,237; Feb. 7.
Anvil. C. T. Oppermann. 113,760; Mar. 14.
Applicator, Liquid. H. J. Brownstein. 117,894; Dec. 5.
Apron. C. M. Mitchell. 114,405; Apr. 18.
Apron. A. N. Spanel. 115,086; May 30.
Apron. A. N. Spánel. 117,436; Oct. 31.
Apron. A. N. Spánel. 118,218; Dec. 19.
Apron or similar article, Shampoo. N. M. Tull. 113,773; Mar. 14.
Aquarium and radio cabinet, Combined. O. Zenzen. 117,704; Nov. 21.
Arm for a lawn mower, Roller supporting. M. H. Kluter. 116,848; Sept. 26.
Arm for lamp fixtures. A. O. Elting. 118,301–4; Dec. 26.
Ash receiver. L. L. Murray. 113,759; Mar. 14.
Ashtray. P. E. Bennett and G. R. Graff. 113,417; Feb. 21.
Ash tray. F. F. Colucci. 115,390; June 27.
Ashtray. E. W. Fuerst. 116,843; Sept. 26.
Ashtray. E. B. Herman. 117,716; Nov. 21.
Ashtray. P. R. Kapikian. 114,120; Apr. 4.
Ashtray. W. A. Kuhlman. 116,973; Oct. 3.
Ashtray. John and W. Kuzniewicz. 114,071; Apr. 4.
Ashtray and bracket support therefor, Combined. T. E. Platt. 114,142; Apr. 4.
Ashtray and candle holder or similar article, Combined. H. Rithner. 116,242; Aug. 22.
Ashtray and cigarette receptacles, Combination. R. F. Hudachek. 116,368; Aug. 29.
Ashtray and coaster or similar article, Combination. H. P. C. Keuls. 118,158; Dec. 19.
Ashtray and glass retainer, Combined. I. M. Footlik. 117,847; Nov. 28.
Ashtray and glass retainer, Combined. L. G. Pilot. 117,854; Nov. 28.
Ashtray and receptacle, Combined. M. Hare. 118,043; Dec. 12.
Ash tray and saucer, Combination. M. C. Twomey. 115,058; May 30.
Ashtray and support for cigarettes and the like, Combined. H. F. Reichenbach. 116,974; Oct. 3.
Ashtray, cigarette receptacle, and match holder, Combined. A. J. Hall. 117,272; Oct. 24.
Ashtray, cigarette support, and snubber, Combined. R. R. Hutcheson. 113,967; Mar. 28.
Ashtray or similar article. G. S. Dolgorukov. 112,808; Jan. 3.
Ashtray or similar article. H. G. Dyke. 114,920; May 23.
Ashtray or similar article. C. E. Eckles. 118,300; Dec. 26.
Ashtray or similar article. H. A. Fuld. 116,225; Aug. 22.
Ashtray or similar article. C. C. Smith. 112,795; Jan. 3.
Ashtray or similar article, Smoker's. W. C. Panzer. 118,310; Dec. 26.
Ash tray, Rolling. E. H. Barbe. 115,383; June 27.
Atomizer. F. R. Hoch. 116,710; Sept. 19.
Atomizer. F. R. Hoch. 116,741–2; Sept. 19.
Atomizer. E. M. James. 114,678; May 9.
Atomizer. F. W. Lohse. 113,364; Feb. 14.
Atomizer. A. Tischler. 114,524; Apr. 25.
Atomizer. F. A. Vuillemenot. 114,242–3; Apr. 11.
Atomizer. F. A. Vuillemenot. 114,571; May 2.
Atomizer. F. A. Vuillemenot. 115,137; June 6.
Atomizer. F. A. Vuillemenot. 115,243; June 13.
Atomizer. F. A. Vuillemenot. 118,228; Dec. 26.
Atomizer, Perfume. F. A. Vuillemenot. 114,570; May 2.
Atomizing device. F. A. Vuillemenot. 115,138; June 6.
Automaton advertising and merchandising device. F. L. Dale. 116,552; Sept. 12.
Automobile. R. Cadwallader. 117,056–9; Oct. 10.
Automobile. E. C. De Smet. 117,493; Nov. 7.
Automobile. P. M. Lewis. 117,636; Nov. 14.
Automobile. H. E. Merillat. 114,029; Mar. 28.
Automobile. W. L. Morrison. 114,408; Apr. 18.
Automobile. N. Pesola. 113,466; Feb. 21.
Automobile. W. D. Teague and W. D. Teague, Jr. 115,177; June 6.
Automobile hood. W. T. Downs. 117,342; Oct. 24.
Automobile traction device. C. L. Landis. 113,566; Feb. 28.
Automobile truck. C. B. Stevens. 118,221; Dec. 19.
Badge. F. S. Land. 114,956; May 23.
Badge or similar article. W. M. Itton. 115,265; June 13.
Badge or similar article. L. J. Kelly. 116,563; Sept. 12.
Badge or similar article. A. Kemsley. 115,252; June 13.
Badge or similar article. M. P. Link, G. P. de Mellier, and L. F. Tillinghast. 114,084; Apr. 4.
Badge or similar article. W. L. McDonald. 116,859; Sept. 26.
Badge or similar article. T. H. Reed, Jr. 113,049; Jan. 24.
Badge or similar article. H. Robinson. 115,450; June 27.
Badge or similar article. J. E. Slavin. 115,134; June 6.
Badge or similar article. W. E. Stanbury. 113,723; Mar. 14.
Badge or similar article. G. A. Thoresen. 114,911; May 23.
Badge or the like. L. W. Campbell. 116,458; Sept. 5.
Badge or the like. W. Kuenstner. 116,779; Sept. 19.
Bag. J. C. Walters. 112,971; Jan. 17.
Bag and dress shirt compartment, Combined golf. E. J. Hughes, Jr. 113,325; Feb. 14.

Bag, Combined water and ice. R. W. Albright. 116,004; Aug. 8.
Bag, Combined water and ice. R. W. Albright. 117,845; Nov. 28.
Bag, Display. A. Palmigiano. 114,765; May 16.
Bag for toilet articles. C. Doppelt. 117,558; Nov. 14.
Bag, Open mesh. J. E. Millett. 115,233; June 13.
Bag or similar article, Shoulder. M. J. Kruger. 116,166; Aug. 15.
Bag or similar article, Syringe. M. M. Smith. 118,251; Dec. 26.
Bag, Shopping. M. Katz. 114,999; May 30.
Bag, Traveling. D. G. White. 113,446; Feb. 21.
Bait, Artificial. G. C. Dolive. 115,101; June 6.
Bait, Artificial. J. M. Shannon. 117,198; Oct. 17.
Bait, Fish. J. M. Withey. 117,941; Dec. 5.
Bait, Fishing. P. P. Dalton. 116,678; Sept. 19.
Bandage, Eye. F. B. Mastin. 113,676; Mar. 7.
Bandeau or similar article. J. Kahn. 113,843; Mar. 21.
Bank, Coin. D. H. Zell. 113,889; Mar. 21.
Bank, Coin savings. J. Jacobs. 115,555; July 4.
Bank, Dime. J. Boros. 115,538; July 4.
Bank or similar article, Savings. E. Klahn. 114,069; Apr. 4.
Bar and bracket, Combined towel. M. J. Zimmer. 114,111; Apr. 4.
Bar and cabinet, Combined portable milk. A. W. Smith. 116,579; Sept. 12.
Bar, Combined hat holder and coat hanger supporting. C. A. Pipenhagen. 115,182; June 6.
Bar material for ophthalmic mountings. E. M. Splaine. 113,121–3; Jan. 31.
Bar material for ophthalmic mountings. E. M. Splaine. 113,148; Jan. 31.
Bar, Rolled metal. F. M. Lambert. 118,162; Dec. 19.
Bar, Transparent. D. P. Whelan. 116,073; Aug. 8.
Barrel, Metal. R. T. Corey. 114,207; Apr. 11.
Barrette. L. J. Gagnon. 116,740; Sept. 19.
Baseboard cap strip or similar article. W. L. Bonnell. 117,684; Nov. 21.
Base for a cigarette lighter or the like. I. Florman. 113,223; Feb. 7.
Base for a display standard. H. A. Silvers. 115,528; July 4.
Base, Lamp. A. O. Elting. 116,986–9; Oct. 3.
Base, Trophy. W. B. Petzold. 115,004–6; May 30.
Basin, Wash. H. A. Mullett. 115,001; May 30.
Basket. A. W. Planeta. 114,798; May 16.
Basket. A. W. Planeta. 116,193–4; Aug. 15.
Basket, Display. L. G. Hobbs. 114,537; May 2.
Basket, Flower. E. A. Bittel. 114,743–4; May 16.
Basket, Flower. E. A. Bittel. 114,778–83; May 16.
Bath, Collapsible stand-supported. A. G. Feldman. 118,113; Dec. 19.
Bathtub. J. M. Bonner. 116,836; Sept. 26.
Bathtub. F. C. Grimm. 118,014; Dec. 12.
Bath, Water. A. I. Newman. 117,720; Nov. 21.
Battery plate assembly. B. D. Emanuel. 114,116; Apr. 4.
Beater. F. O. Holister and P. W. Wortman. 115,335; June 20.
Beater, Egg. K. B. Van Woert, Sr. 112,953; Jan. 17.
Bedspread. A. K. Bartholomew. 113,545; Feb. 28.
Bedspread. A. K. Bartholomew. 113,592; Feb. 28.
Bedspread. A. Fassler. 113,261; Feb. 7.
Bedspread. A. Fassler. 113,608–9; Feb. 28.
Bedspread. A. Fassler. 115,706–7; July 11.
Bedspread. A. Fassler. 116,183; Aug. 15.
Bedspread. A. Fassler. 116,442–6; Sept. 5.
Bedspread. H. A. Lawson. 112,812; Jan. 3.
Bedspread. H. A. Lawson. 112,912; Jan. 10.
Bedspread. H. A. Lawson. 113,007–8; Jan. 24.
Bedspread. H. A. Lawson. 113,066–75; Jan. 24.
Bedspread. H. A. Lawson. 113,091; Jan. 24.
Bedspread. H. A. Lawson. 113,111–16; Jan. 31.
Bedspread. H. A. Lawson. 113,425–6; Feb. 21.
Bedspread. H. A. Lawson. 113,567; Feb. 28.
Bedspread. H. A. Lawson. 113,593–9; Feb. 28.
Bedspread. H. A. Lawson. 113,992; Mar. 28.
Bedspread. H. A. Lawson. 115,657; July 11.
Bedspread. H. A. Lawson. 115,672–5; July 11.
Bedspread. H. A. Lawson. 116,167–8; Aug. 15.
Bedspread. H. A. Lawson. 116,190–91; Aug. 15.
Bedspread. G. I. Linde. 113,605; Feb. 28.
Bedspread. R. Steinweg. 113,581–3; Feb. 28.
Bedspread. R. Steinweg. 113,613; Feb. 28.
Bedspread. R. Steinweg. 114,256; Apr. 11.
Bedspread. R. Steinweg. 114,274; Apr. 11.
Bedspread. R. Steinweg. 115,278; June 13.
Bedspread. R. Steinweg. 115,662–3; July 11.
Bedspread. R. Steinweg. 116,195–7; Aug. 15.
Bedspring. E. L. Bronstein. 115,701–2; July 11.
Bedstead. O. O. Hobson. 114,896; May 23.
Bedstead. S. P. Shurcliff. 116,244; Aug. 22.
Belt. J. L. Bibula. 112,891–3; Jan. 10.
Belt. F. M. Blossom. 115,700; July 11.
Belt. S. Hyman. 117,428; Oct. 31.
Belt. E. Nassimbene. 118,168; Dec. 19.
Belt. G. T. Porter. 114,143; Apr. 4.
Belt, Cigarette. M. Silverman. 115,582; July 4.
Belt or similar article. M. Marcus. 117,523; Nov. 7.
Belt, Ornamental. C. Wahl. 115,987; Aug. 1.
Bench or similar article of furniture, Folding. A. H. Leissing. 116,037; Aug. 8.
Bench, Piano. W. Zaiser. 113,648; Mar. 7.
Bib or similar article. M. T. Fadie. 115,065–6; May 30.
Bicycle. F. W. Schwinn. 115,942; Aug. 1.
Bicycle. W. V. Smith. 115,010–11; May 30.
Bicycle. J. Vassos. 112,889; Jan. 10.
Bicycle. J. Vassos. 113,584; Feb. 28.
Bicycle frame. J. R. Morgan. 114,552–3; May 2.
Bicycle frame. J. R. Morgan. 114,716–17; May 9.
Bicycle frame. J. R. Morgan. 117,853; Nov. 28.
Bicycle frame and container, Combined. J. R. Morgan. 114,554; May 2.
Bill blank, Service. A. B. Collins. 115,977; Aug. 1.
Billfold. A. Brown. 115,579; July 4.
Billfold. L. Seamon. 116,965; Oct. 3.
Billfold. J. P. Wege. 114,479–80; Apr. 25.
Billfold, change purse, and key holder, Combined. S. J. Steinman. 114,351; Apr. 18.
Bird bath for bird cages. H. G. Hoefler. 113,165; Jan. 31.
Bird feeding station. P. Pueschel. 115,321; June 20.
Biscuit, Edible. G. I. Andersen. 115,380; June 27.
Blank for a pendant cruciform. M. Reiff. 115,794; July 18.
Blanket, Animal. L. J. Du Mais. 113,489; Feb. 28.
Blind tilter, Venetian. A. A. Radel. 113,570; Feb. 28.
Block, Building. A. H. Stamm and H. S. Barton. 113,987; Mar. 28.
Blotter and penholder, Combined rotary. L. Grünzweig. 116,025; Aug. 8.
Blouse. H. F. Eisenberg. 116,761; Sept. 19.
Blouse. B. Geist. 114,757; May 16.
Blouse. L. Hafler. 113,185; Jan. 31.
Blouse. M. Perell. 113,682; Mar. 7.
Blouse. M. Pressla ff. 114,298; Apr. 11.
Blowgun and sprayer can, Combined. G. B. Pickop. 117,074; Oct. 10.
Board, Bulletin. F. H. Eisenhut. 113,160; Jan. 31.
Board, Mimeograph equipment. K. F. Walker. 114,357; Apr. 18.
Board or the like, Display. J. J. Fabacher. 114,809;
Boat. W. T. Gassaway. 117,415; Oct. 31.
Boat. E. G. Grant. 113,458; Feb. 21.
Boat hull. A. J. Higgins. 113,668; Mar. 7.
Body for stringed musical instruments. A. G. Cox. 114,129; Apr. 4
Body, Freight car. G. A. Steuber. 115,240; June 13.
Bolero. M. Wartsky. 115,988; Aug. 1.
Book. E. N. Farkas and F. F. Farkas. 115,067; May 30. May 16.
Book end. R. Dopyera. 114,871; May 16.
Book end. G. P. Hendricks. 115,112; June 6.
Book end, picture frame, and ashtray, Combined. J. E. Carlson. 113,451; Feb. 21.
Bookmark. A. Nierenberg. 114,521; Apr. 25.
Boot. C. E. O'Donnell. 115,565; July 4.
Boot, Fisherman's wading. R. Bartlett. 116,009; Aug. 8.
Boot or similar waterproof article. H. A. Stuart. 116,636; Sept. 12.
Boot, Ski. P. Limmer. 117,637; Nov. 14.
Boot-spur body. F. Dean. 118,278; Dec. 26.
Booth unit, Restaurant. C. A. Deravin. 115,144; June 6.
Bottle. R. H. Barrett. 113,416; Feb. 21.
Bottle. J. L. Bicks. 115,778; July 18.
Bottle. R. A. Blunt. 114,004–9; Mar. 28.
Bottle. R. A. Blunt. 114,745–6; May 16.
Bottle. R. A. Blunt. 117,605–9; Nov. 14.
Bottle. F. Breen. 117,708; Nov. 21.
Bottle. A. C. Burgund. 115,343; June 20.
Bottle. A. C. Burgund. 115,388; June 27.
Bottle. A. Busiel. 117,302; Oct. 24.
Bottle. T. D'Addario. 115,155; June 6.
Bottle. T. D. D'Addario. 117,610; Nov. 14.
Bottle. J. De Nero. 113,133–4; Jan. 31.
Bottle. S. W. Dennis. 115,956; Aug. 1.
Bottle. J. L. Dunnock. 114,208; Apr. 11.
Bottle. J. L. Dunnock. 114,363; Apr. 18.
Bottle. J. L. Dunnock. 115,784; July 18.
Bottle. J. L. Dunnock. 116,556; Sept. 12.
Bottle. J. L. Dunnock. 117,259; Oct. 24.
Bottle. B. D. Fuerst. 117,617; Nov. 14.
Bottle. E. W. Fuerst. 112,941; Jan. 17.
Bottle. C. S. Gage. 113,558; Feb. 28.
Bottle. J. M. Guthrie. 118,330; Dec. 26.
Bottle. F. R. Hoch. 115,554; July 4.
Bottle. F. R. Hoch. 115,790–2; July 18.
Bottle. L. E. Jacobi. 113,141; Jan. 31.
Bottle. W. A. Jensen. 116,915; Oct. 3.
Bottle. M. Kane. 114,659; May 9.
Bottle. R. D. Kerckhoff. 114,660; May 9.
Bottle. W. R. Kohl. 113,867; Mar. 21.
Bottle. L. B. Krick. 114,025; Mar. 28.
Bottle. W. J. Latchford, Jr. 114,026; Mar. 28.
Bottle. W. R. Leach. 113,869; Mar. 21.
Bottle. P. G. Lloyd. 115,415; June 27.
Bottle. A. I. Lorenzen. 113,045; Jan. 24.
Bottle. K. C. Love. 116,236; Aug. 22.
Bottle. J. Manoha. 117,620; Nov. 14.
Bottle. G. N. Mas. 116,349; Aug. 29.
Bottle. F. McIntosh. 112,782; Jan. 3.
Bottle. A. C. Meyer. 114,763; May 16.
Bottle. P. P. Mülhens. 114,718; May 9.
Bottle. P. P. Mülhens. 117,659; Nov. 14.
Bottle. J. J. Musselman. 113,430; Feb. 21.

Bottle. F. W. Nitardy. 114,557; May 2.
Bottle. B. Paris. 117,305; Oct. 24.
Bottle. O. S. Parker. 117,382; Oct. 31.
Bottle. O. S. Parker. 117,500; Nov. 7.
Bottle. J. B. Platt. 114,461–2; Apr. 25.
Bottle. R. J. Puhl. 116,864; Sept. 26.
Bottle. H. Rubin. 116,498; Sept. 5.
Bottle. R. Samuels. 116,865; Sept. 26.
Bottle. E. J. Schuellein. 116,352; Aug. 29.
Bottle. F. W. Smith. 117,295; Oct. 24.
Bottle. G. Smith, Jr. 117,983; Dec. 5.
Bottle. B. F. Strand, Jr., and W. H. Meyer. 118,313; Dec. 26.
Bottle. A. Street. 115,430; June 27.
Bottle. I. D. Tefft, T. Christenson, Jr., and W. W. Hoople. 113,858; Mar. 21.
Bottle. L. C. Ward. 115,163; June 6.
Bottle. J. F. Watson. 112,798–800; Jan. 3.
Bottle. O. J. Wile. 118,316; Dec. 26.
Bottle and cap, Combination. S. Rubin. 112,950; Jan. 17.
Bottle and closure therefor, Combined. J. D. Buckingham. 116,016; Aug. 8.
Bottle and container therefor, Combined perfume. G. S. Worssam; 113,777; Mar. 13.
Bottle and display holder therefor, Combined. M. Schwartz. 113,240; Feb. 7.
Bottle and display package, Combined. D. Eliot. 114,921; May 23.
Bottle and holder therefor, Combined perfume. W. Hershfield. 116,845; Sept. 26.
Bottle and holder therefor, Combined perfume. R. B. Karoff. 117,978; Dec. 5.
Bottle and newspaper holder, Combined milk. M. Galgano and P. Grimaldi. 113,139; Jan. 31.
Bottle and stopper therefor, Combined. F. E. Ansell. 113,862; Mar. 21.
Bottle and stopper therefor, Combined. H. Orlik. 114,458; Apr. 25.
Bottle, applicator, and container therefor, Combined. E. C. Grullemans. 117,560; Nov. 14.
Bottle, Baby nursing. T. H. Stough. 116,651; Sept. 12.
Bottle, Beverage. P. E. Rising. 117,723; Nov. 21.
Bottle breaking apparatus. F. P. Chagnon and C. N. Snyder. 117,060; Oct. 10.
Bottle-closure top. W. J. Fletcher. 117,139; Oct. 17.
Bottle display and holder therefor, Perfume. J. D. Buckingham. 114,653; May 9.
Bottle, Glass. A. C. Meyer. 113,872; Mar. 21.
Bottle, Glass. A. C. Meyer. 117,980; Dec. 5.
Bottle, Hot Water. C. Tilz. 115,012; May 30.
Bottle, Liquid dentifrice dispensing. C. T. Gerhart. 117,266; Oct. 24.
Bottle, Milk. A. Bramhall. 114,011; Mar. 28.
Bottle, Milk. G. N. Mas. 116,860–3; Sept. 26.
Bottle, Milk. J. J. Welky. 114,246; Apr. 11.
Bottle or similar article. F. E. A. W. Bergaud. 116,214; Aug. 22.
Bottle or similar article. F. E. A. W. Bergaud. 116,440; Sept. 5.
Bottle or similar article. F. E. A. W. Bergaud. 116,756; Sept. 19.
Bottle or similar article. J. D. Buckingham. 117,138; Oct. 17.
Bottle or similar article. G. Chevalier. 113,549; Feb. 28.
Bottle or similar article. E. M. Cobb. 115,782; July 18.
Bottle or similar article. E. M. Cobb. 118,299; Dec. 26.
Bottle or similar article. P. Hiolle. 113,422; Feb. 21.
Bottle or similar article. E. M. Lawrence. 115,656; July 11.
Bottle or similar article. L. Lelong. 113,300; Feb. 7.
Bottle or similar article. M. W. Lowenstein. 114,368; April 18.
Bottle or similar article. T. F. Smith. 116,866; Sept. 26.
Bottle or similar article. J. S. Steelman. 116,173; Aug. 15.
Bottle or similar article, Glass. L. M. Voorsanger. 113,445; Feb. 21.
Bottle or similar article, Perfume. J. D. Buckingham. 114,360; Apr. 18.
Bottle or similar article, Perfume. J. D. Buckingham. 114,652; May 9.
Bottle or similar article, Perfume. J. D. Buckingham. 116,017; Aug. 8.
Bottle or similar article, Perfume. L. Lelong. 117,718; Nov. 21.
Bottle or similar article, Water. E. M. Roberts. 118,246–7; Dec. 26.
Bottle or similar article, Water. M. M. Smith. 118,250; Dec. 26.
Bottle or similar container. W. M. Jakway. 114,677; May 9.
Bottle or similar container. J. A. Oya. 112,784–5; Jan. 3.
Bottle or similar container. G. C. Robinson. 114,667; May 9.
Bottle, Perfume. H. Jacknick. 116,032; Aug. 8.
Bottle, Perfume. S. Miyaki. 113,875; Mar. 21.
Bottle, Perfume. E. Schiaparelli. 116,055; Aug. 8.
Bottle pourer. F. W. Hoeter. 117,841; Nov. 28.
Bottle, Vacuum. C. Bramming. 117,466; Nov. 7.
Bowl and brush, Combined manicure. M. McKeen. 113,076; Jan. 24.
Bowl and brush, Combined manicure. M. McKeen. 116,272; Aug. 22.
Bowl, Coffee maker. A. Iannelli. 113,514; Feb. 28.
Bowl, Fingernail. M. Ragan. 113,853; Mar. 21.
Bowl for a coffee brewer, Lower. H. Cory. 113,731; Mar. 14.
Bowl, Mixing. R. Heller. 113,511; Feb. 28.
Bowl or article of similar nature, Glass floral. T. C. Heisey. 114,182; Apr. 11.
Bowl or article of similar nature, Glass fruit. F. S. Barbiers. 116,790; Sept. 26.
Bowl or similar article. W. K. Titze. 113,024; Jan. 24.
Bowl or similar article, Punch. R. A. Kelly. 117,373; Oct. 31.
Bowl or similar article, Sugar. F. W. Stark. 116,249; Aug. 22.
Bowl or similar article, Sugar. F. W. Stark. 116,251; Aug. 22.
Bowl or similar article, Sugar. M. G. Yutzey. 115,638; July 11.
Bowling alley. L. J. Kelly. 116,035; Aug. 8.
Bowling alley pin setter. F. Birren. 113,960; Mar. 28.
Box. F. McIntosh. 116,271; Aug. 22.
Box. N. W. Post. 117,842; Nov. 28.
Box and mirror, Combined make-up. M. J. Pinski. 113,304; Feb. 7.
Box, Bait. R. A. Gogarn. 117,666; Nov. 21.
Box, Battery. O. O. Rieser. 117,698; Nov. 21.
Box, Bread. W. Garten. 115,039; May 30.
Box, Bread. W. Garten. 116,228–9; Aug. 22.
Box, Bread. M. Kamenstein. 113,142; Jan. 31.
Box, Cake. W. Garten. 116,227; Aug. 22.
Box, Cake. A. W. Lovejoy. 116,345; Aug. 29.
Box, Contribution. E. M. Richardson. 115,152; June 6.
Box, Display. J. G. Allen. 115,602–3; July 11.
Box, Display. N. J. Baumer. 117,682; Nov. 21.
Box, Display. F. W. Matthay. 115,047; May 30.
Box, Display. H. S. Scholes. 116,145; Aug. 15.
Box, Fly. W. J. De Witt. 115,545; July 4.
Box, Folding. M. Laine. 117,833; Nov. 28.
Box for automatic phonographs, Selective counter. R. Nielander. 116,541; Sept. 5.
Box for electric fence installations, Distribution. S. A. Moore. 114,549; May 2.
Box for electrical devices, Weatherproof. R. M. Walker. 117,420; Oct. 31.
Box, Jewelry. J. R. Dean. 113,928; Mar. 21.
Box, Jewelry. J. R. Sundee. 113,857; Mar. 21.
Box or similar article. L. Lelong. 118,163; Dec. 19.
Box or similar article. W. C. Thom. 115,462; June 27.
Box or similar article. A. S. Weiss. 117,986; Dec. 5.
Box or similar article, Cigarette. L. Guild. 113,559; Feb. 28.
Box or similar article, Electrical wiring. L. H. Peck. 115,726; July 11.
Box or similar article, Jewelry. F. M. Mahler. 114,193; Apr. 11.
Box or similar article, Jewelry. S. Mautner. 116,827; Sept. 26.
Box or similar article, Lunch. E. Worthington. 114,202; Apr. 11.
Box or similar article, Power. J. D. Buckingham. 114,361; Apr. 18.
Box or similar container. L. Lelong. 113,472; Feb. 21.
Box or the like, Jewelry display. J. R. Putnam. 113,282; Feb. 7.
Box, Outlet. R. Z. Huff. 115,206; June 13.
Box, Plant. W. Fader. 118,230; Dec. 26.
Box, Powder. B. F. Conner. 115,331; June 20.
Box, Ring. L. Flier. 113,161; Jan. 31.
Box, Starting. T. A. Keen. 116,139; Aug. 15.
Box, Storage battery. O. O. Rieser. 117,722; Nov. 21.
Box, Transparent. A. Fogel. 114,891; May 23.
Brace, Bicycle handle bar. D. L. Miller. 113,677; Mar. 7.
Bracelet. J. Balme. 113,103; Jan. 31.
Bracelet. E. J. Beaupre. 115,439; June 27.
Bracelet. A. Katz. 116,288; Aug. 22.
Bracelet. A. Katz. 116,476; Sept. 5.
Bracelet. A. Philippe. 113,939–40; Mar. 21.
Bracelet. A. Philippe. 114,721–3; May 9.
Bracelet. A. Philippe. 116,091; Aug. 8.
Bracelet. A. Philippe. 116,612; Sept. 12.
Bracelet. G. D. Sullivan. 114,835; May 16.
Bracelet and memo pad, Combined. K. Van Cott. 113,859; Mar. 21.
Bracelet chain. J. Sand. 117,700; Nov. 21.
Bracelet for holding pins and similar articles, Magnetic. F. H. Beyer. 113,104; Jan. 31.
Bracelet link. J. Sand. 117,701; Nov. 21.
Bracelet or similar article. J. B. Chorbajian. 114,206; Apr. 11.
Bracelet, or similar article, Watch. B. Axel. 116,155–6; Aug. 15.
Bracelet, Photographic birthstone. T. Payne, 4th. 114,963; May 23.
Bracket and shield for a condiment container or similar article, Combined supporting. L. S. Madda. 117,821; Nov. 28.
Bracket for bathroom fixtures. J. J. Connors. 114,696; May 9.
Bracket for electric light, Wall. A. E. Poor. 118,311; Dec. 26.
Bracket for flower pots, Wall. C. Kiss. 115,208; June 13.

Bracket or similar article, Caster supporting. P. M. Fuller. 112,809; Jan. 3.
Bracket or similar article, Lamp mounting. H. B. Donley. 114,855; May 16.
Bracket, Outboard motor exhaust tube. C. Karstadt. 112,907; Jan. 10.
Bracket, Sign supporting. L. J. Schneider. 117,501; Nov. 7.
Bracket, Wall shower. O. W. Holden. 115,180; June 6.
Braid. H. A. Philips. 112,829; Jan. 3.
Braid or similar article. M. Mass. 113,392; Feb. 21.
Brassière. D. Blair. 118,099; Dec. 12.
Brassière. S. Green and H. Miller. 115,762; July 18.
Brassière. H. Schoebel. 114,413; Apr. 18.
Brassière. S. Stein. 114,909; May 23.
Brassière bodice. R. Freedman. 113,893; Mar. 21.
Brassière or similar article. G. A. Kaufmann. 115,705; July 11.
Brassière or similar article. G. A. Kaufmann. 115,896; July 25.
Brassière or similar article. G. A. Kaufmann. 117,430; Oct. 31.
Bread wrapping machine. C. H. Petskeyes and I. C. Gellman. 116,626; Sept. 12.
Bread wrapping machine or the like. T. Jensen and H. Rosengren. 116,639; Sept. 12.
Bridge for an ophthalmic mounting. S. E. Bouchard. 114,784; May 16.
Bridge for ophthalmic mountings. E. M. Splaine. 115,302; June 20.
Bridge or similar article, Crane. H. H. Ostrander. 116,376–7; Aug. 29.
Broach or similar article. A. Katz. 116,711–12; Sept. 19.
Broiler. C. E. Zimmerman. 115,536; July 4.
Broiler or similar article. S. Forman. 118,231; Dec. 26.
Brooch, Initial indicating. B. Darvie. 117,257; Oct. 24.
Brooch or similar article. M. Borcher. 116,472–3; Sept. 5.
Brooch or similar article. J. P. Felch. 113,107; Jan. 31.
Brooch or similar article. J. Hirsch. 113,742; Mar. 14.
Brooch or similar article. J. Hirsch. 113,783; Mar. 14.
Brooch or similar article. J. Hirsch. 114,655–6; May 9.
Brooch or similar article. J. Hirsch. 115,401; June 27.
Brooch or similar article. J. Hirsch. 115,403; June 27.
Brooch or similar article. J. Hirsch. 115,444–5; June 27.
Brooch or similar article. A. Katz. 115,043; May 30.
Brooch or similar article. A. Katz. 115,266; June 13.
Brooch or similar article. A. Katz. 115,852; July 25.
Brooch or similar article. A. Katz. 116,095–6; Aug. 8.
Brooch or similar article. A. Katz. 116,233; Aug. 22.
Brooch or similar article. A. Katz. 116,289; Aug. 22.
Brooch or similar article. J. H. Leff. 113,634; Mar. 7.
Brooch or similar article. J. H. Leff. 113,748; Mar. 14.
Brooch or similar article. J. H. Leff. 114,661–4; May 9.
Brooch or similar article. C. E. Pauzat. 118,129–30; Dec. 19.
Brooch or similar article. A. Philippe. 113,791–3; Mar. 14.
Brooch or similar article. A. Philippe. 115,127–8; June 6.
Brooch or similar article. A. Philippe. 115,294; June 20.
Brooch or similar article. A. Philippe. 115,297; June 20.
Brooch or similar article. A. Philippe. 116,088–90; Aug. 8.
Brooch or similar article. J. Rodriguez. 116,482–3; Sept. 5.
Brooch pin or similar article. H. Rosenblatt. 113,766; Mar. 14.
Brooch or similar article. J. Toussaint. 113,404; Feb. 21.
Brooch or similar article. L. Winters. 113,585; Feb. 28.
Brooch or similar article of jewelry. G. S. Erskine. 115,033; May 30.
Brooch or similar article of jewelry. J. Glaenzer. 117,039; Oct. 10.
Brooch or similar article of jewelry. H. Graeter. 114,212; Apr. 11.
Brooch or similar article of jewelry. I. Z. Joyce. 117,924; Dec. 5.
Brush and scraper, Combined paint. W. S. Manchester and H. Hathaway. 117,933; Dec. 5.
Brush and shoehorn, Combined clothes. R. A. Paisley. 113,433; Feb. 21.
Brush back or similar article. R. Conant. 115,783; July 18.
Brush back or similar article. N. S. Whiting. 115,864; July 25.
Brush, Cleaning. C. S. McPhee. 112,815; Jan. 3.
Brush, Combination cloth and hair. F. R. Weber. 118,061; Dec. 12.
Brush, Hair. P. Müller-Munk. 114,195–6; Apr. 11.
Brush, Hair. P. Müller-Munk. 115,967; Aug. 1.
Brush, Lip. G. M. Cochran and J. Sokso. 117,392; Oct. 31.
Brush, Massage. R. W. Hall. 116,162; Aug. 15.
Brush, Nail. C. Jobst. 113,842; Mar. 21.
Brush or similar article. J. Weil. 116,072; Aug. 8.
Brush or the like, Bath. P. Müller-Munk. 114,197–8; Apr. 11.
Brush or the like, Hair. P. Müller-Munk. 114,344; Apr. 18.
Brush or the like, Hair. P. Müller-Munk. 117,108; Oct. 10.
Buckle. F. Hirsh. 117,565; Nov. 14.
Buckle, Belt. J. L. Bibula. 116,333–6; Aug. 29.
Buckle, Belt. A. Furtsch. 114,263; Apr. 11.
Buckle, Belt. C. Palko. 117,111; Oct. 10.
Buckle or similar article. H. Miller and P. Marcello. 115,719–20; July 11.
Building. J. A. Chambers. 116,219; Aug. 22.
Building. E. C. Gledhill. 115,963; Aug. 1.
Building. O. Horne. 117,691; Nov. 21.
Building. C. J. Matuella. 117,046; Oct. 10.
Building. N. A. Owings. 115,003; May 30.
Building. N. A. Owings. 115,507; July 4.
Building. O. H. Sowl. 115,577; July 4.
Building block, Hollow glass. J. H. Sutter. 115,432; June 27.
Building front. I. S. Brockstein. 113,503; Feb. 28.
Building front. W. March. 117,753; Nov. 21.
Building material, Sheet metal. L. Friedberg. 113,456; Feb. 21.
Building or similar article. S. M. Malkin. 116,539; Sept. 5.
Building or similar article, Restaurant. R. L. Stickney. 115,803; July 18.
Building or the like, Food service. H. E. Laird. 116,916; Oct. 3.
Building or the like, Service station. R. O. Munson. 115,936–8; Aug. 1.
Building, Store. A. W. Vanderput. 117,588; Nov. 14.
Building structure. K. E. Bemis. 115,683; July 11.
Bumper and a guard or similar article, Combined. H. S. Jandus. 115,405–7; June 27.
Bumper, Automobile. J. Falcon. 115,146; June 6.
Bumper guard. L. S. Poncher and J. Y. Grade. 113,188; Jan. 31.
Bumper guard, Automobile. M. D. Walklet. 116,070–1; Aug. 8.
Bumper, Motor vehicle. A. W. Schonberg. 117,505; Nov. 7.
Bumper or similar article. H. S. Jandus. 117,177; Oct. 17.
Bunting. M. A. Hammerman. 112,827; Jan. 3.
Burner. L. Jaros. 115,336; June 20.
Burner and grate, Combined. A. G. Sherman. 113,770; Mar. 14.
Burner for a gas range, Oven. J. F. Hennessy. 115,880; July 25.
Burner, Gas. M. H. Smith. 116,580; Sept. 12.
Burner, Oil. R. W. Beckett. 115,640; July 11.
Burner, Oil. G. I. Carter. 117,725; Nov. 21.
Burner, Oil. J. A. D'Elia. 116,160; Aug. 15.
Burner, Oil. J. A. D'Elia. 118,070; Dec. 12.
Burner, Oil. F. E. Herr. 114,331; Apr. 18.
Burner, Oil. F. E. Herr. 114,951; May 23.
Burner, Oil. F. E. Herr. 117,634; Nov. 14.
Burner, Oil. H. J. Sandlas, Jr. 115,568; July 4.
Burner pumping and control unit, Oil. T. W. Murphy. 116,374–5; Aug. 29.
Burner, Trash. C. R. Blood. 117,551; Nov. 14.
Button. S. Baritz. 115,604; July 11.
Button. L. R. Carley. 113,105; Jan. 31.
Button. E. M. Jetté. 113,227; Feb. 7.
Button. M. Philip. 115,421; June 27.
Button. A. A. Scott, Jr. 114,347–8; Apr. 18.
Button or similar article. M. Berkman. 114,377; Apr. 18.
Button trimming for wearing apparel. S. Baritz. 115,605; July 11.
Cabinet, Amusement machine. E. J. Collins. 113,218; Feb. 7.
Cabinet, Amusement machine. J. F. Meyer. 116,569; Sept. 12.
Cabinet and bag compartment, Combined popcorn machine. C. T. Manley. 118,331; Dec. 26.
Cabinet and bookcase, Combined radio. D. Dillon. 115,145; June 6.
Cabinet and collapsible support therefor, Combined radio. D. Dillon. 118,106; Dec. 12.
Cabinet and end table, Combined. A. A. Eisenberg. 115,489; July 4.
Cabinet and stand, Combined radio. D. Dillon. 115,199; June 13.
Cabinet base unit, Kitchen. E. D. Pellegrin and A. L. Welham. 116,574; Sept. 12.
Cabinet, Beverage cooler. E. S. Wegman. 115,015; May 30.
Cabinet, Cigarette vending. L. Rose. 115,007; May 30.
Cabinet, Combined cooling and serving. V. F. Vaclavik. 116,454; Sept. 5.
Cabinet, Combined phonograph, record, and radio. E. R. McDuff. 117,107; Oct. 10.
Cabinet, Combined storage and dispensing. J. Martial. 115,504; July 4.
Cabinet, Culinary. T. B. Lynch and C. W. Kenzie. 116,372; Aug. 29.
Cabinet, Cylinder type vacuum cleaner. H. S. Tuttle. 117,837; Nov. 28.
Cabinet, Dispensing. N. E. Heil and J. O. Camp. 114,637; May 9.
Cabinet, Dispensing machine. A. B. Hassan. 114,894; May 23.
Cabinet, Dispensing machine. L. M. Persons. 113,899; Mar. 21.

Cabinet, Display. R. Kayton. 117,278; Oct. 24.
Cabinet, Display. R. Long. 117,278; Oct. 24.
Cabinet, Display. T. C. Thompson. 116,968; Oct. 3.
Cabinet, Display. W. J. Willoughby, Jr. 113,312–15; Feb. 14.
Cabinet, Dry cleaning machine. J. Novotny. 117,957; Dec. 5.
Cabinet, Evaporative cooler. W. E. Brown. 117,688; Nov. 21.
Cabinet for a miniature bowling game. E. J. Collins. 116,550; Sept. 12.
Cabinet for a piano or similar article. A. C. Ansley. 112,981; Jan. 24.
Cabinet for a radio broadcast receiver or similar article. A. C. Haggstrom. 115,788; July 18.
Cabinet for card game paraphernalia. J. G. Forstmann. 114,062; Apr. 4.
Cabinet for circulating heater. G. Wilmet. 115,463; June 27.
Cabinet for circulating heaters. J. D. Kaiser. 115,116; June 6.
Cabinet for dispensing articles. J. Martial. 114,089; Apr. 4.
Cabinet for greasing equipment or the like. H. Van Doren and W. Johnson. 114,774; May 16.
Cabinet for inter-building communication systems. G. Risk. 113,765; Mar. 14.
Cabinet for toilet seat covers, Dispensing. J. E. Maurer. 116,042; Aug. 8.
Cabinet, Frozen food. R. W. Hull. 116,955; Oct. 3.
Cabinet, Infant's utility. C. V. Hammond. 116,026; Aug. 8.
Cabinet, Instrument. J. F. Haynie, Jr. 114,950; May 23.
Cabinet, Ironing machine. H. W. Altorfer. 113,251; Feb. 7.
Cabinet, Ironing machine. H. W. Altorfer. 114,314; Apr. 18.
Cabinet, Laundry. E. S. Baer and G. W. Krick. 113,031; Jan. 24.
Cabinet, Liquid dispenser. D. Colvin. 113,378; Feb. 21.
Cabinet, Loud speaker. A. W. Wells. 116,316; Aug. 22.
Cabinet, Make-up. E. O. Carlson. 118,259; Dec. 26.
Cabinet, Merchandise display. R. E. Eckberg. 118,071; Dec. 12.
Cabinet, Merchandise display. T. J. Pilliod. 116,804; Sept. 26.
Cabinet or similar article, Air conditioning. R. E. Kruck. 112,881; Jan. 10.
Cabinet or similar article, Beverage cooling. M. A. Martin. 117,907; Dec. 5.
Cabinet or similar article for smoking tobacco and game equipment. E. M. Williams. 115,535; July 4.
Cabinet or similar article, Kitchen. J. R. Morgan. 113,012; Jan. 24.
Cabinet or similar article, Paper towel dispensing. J. E. Ahlborg. 115,189–90; June 13.
Cabinet or similar article, Phonograph. A. Nagel. 118,244; Dec. 26.
Cabinet or similar article, Phonograph. R. Patten and L. S. Briggs. 114,384; Apr. 18.
Cabinet or similar article, Radio. J. R. Jackson. 116,077; Aug. 8.
Cabinet or similar article, Radio. J. R. Jackson. 116,079; Aug. 8.
Cabinet or the like, Cooler. W. F. Vose. 115,136; June 6.
Cabinet or the like, Dentist's. H. C. Gowran. 117,807; Nov. 28.
Cabinet or the like, Doctor's. J. C. Fay. 114,444; Apr. 25.
Cabinet or the like, Motion picture projector. F. Barnett. 113,318; Feb. 14.
Cabinet or the like, Phonograph. H. T. Roberts. 113,284–6; Feb. 7.
Cabinet or the like, Radio. B. W. Przywara. 115,979; Aug. 1.
Cabinet, Pot cover. R. J. Miller. 113,874; Mar. 21.
Cabinet, Phonograph. L. J. Andres. 114,913–4; May 23.
Cabinet, Phonograph. D. C. Rockola. 113,287; Feb. 7.
Cabinet, Phonograph. D. C. Rockola. 113,302; Feb. 7.
Cabinet, Phonograph. D. C. Rockola. 113,572; Feb. 28.
Cabinet, Phonograph. D. C. Rockola. 113,606; Feb. 28.
Cabinet, Radiator. E. J. Lessman. 117,100; Oct. 10.
Cabinet, Radio. N. Bel Geddes. 117,116–17; Oct. 10.
Cabinet, Radio. N. Bel Geddes. 117,966; Dec. 5.
Cabinet, Radio. H. G. Boyle. 117,846; Nov. 28.
Cabinet, Radio. W. P. Gray. 117,690; Nov. 21.
Cabinet, Radio. E. D. Marsh and M. R. Wiffler. 113,272; Feb. 7.
Cabinet, Radio. A. Swainson. 114,565; May 2.
Cabinet, Radio. G. W. Walker. 114,651; May 9.
Cabinet, Radio receiver. C. Karstadt. 113,004; Jan. 24.
Cabinet, Radio receiver. R. S. Marholz. 112,959; Jan. 17.
Cabinet, Radio receiver. L. J. Wronke. 113,028; Jan. 24.
Cabinet, Refrigerating. W. W. Higham. 116,449; Sept. 5.
Cabinet, Refrigerating. W. W. Higham. 118,281; Dec. 26.
Cabinet, Refrigerating display. L. F. Clerc. 114,987–9; May 30.
Cabinet, Refrigerating display. L. F. Clerc. 116,020–2; Aug. 8.
Cabinet, Refrigerator. R. E. Baker. 113,370; Feb. 21.
Cabinet, Refrigerator. A. L. Flamm. 116,945; Oct. 3.
Cabinet, Refrigerator. R. B. Janes. 118,118; Dec. 19.
Cabinet, Refrigerator. J. L. Knight. 117,375–7; Oct. 31.
Cabinet, Refrigerator. R. E. Kruck. 112,778; Jan. 3.
Cabinet, Refrigerator. R. E. Kruck. 117,452; Nov. 7.
Cabinet, Remote control phonograph. P. M. Fuller. 114,322; Apr. 18.
Cabinet, Sewing. E. O. Carlson. 116,985; Oct. 3.
Cabinet, Sewing. C. Karstadt. 113,143; Jan. 31.
Cabinet, Sink. J. R. Morgan. 114,644; May 9.
Cabinet, Sink. J. R. Morgan. 115,316; June 20.
Cabinet, Sink. J. R. Morgan. 116,717; Sept. 19.
Cabinet, Teleprinter. V. Weidner. 114,164; Apr. 4.
Cabinet, Teleprinter. V. Weidner. 117,535–6; Nov. 7.
Cabinet top member or the like, Phonograph. H. T. Roberts. 114,647; May 9.
Cabinet, Utility. Woodrow M. and K. F. Hockman. 114,103; Apr. 4.
Cabinet, Utility. A. K. O'Meara. 117,194; Oct. 17.
Cabinet, utility cabinet and book case, Combined radio. D. Dillon. 115,345; June 20.
Cabinet, Vending machine. L. Blazey. 113,961; Mar. 28.
Cabinet, Vending machine. S. Van Tuyl. 113,543; Feb. 28.
Cabinet, Washing machine. H. D. Brotman. 116,012; Aug. 8.
Cabinet, Washing machine. H. D. Brotman. 117,627; Nov. 14.
Cabinet, Water cooler. E. A. Self. 114,689; May 9.
Cage, Bird. N. M. Schepps. 115,427; June 27.
Cage or similar article, Bird. F. Steinberg. 115,695; July 11.
Calculating machine. F. A. Niemann and A. L. Mell. 113,817; Mar. 14.
Calendar and scratch pad holder, Combined. J. H. Horsley. 117,667; Nov. 21.
Calendar desk unit, Combination. W. H. Kemp. 114,382; Apr. 18.
Calendar, Perpetual. L. P. Koprucki. 114,267; Apr. 11.
Calendar, Pocket. B. Pink. 113,878; Mar. 21.
Calendar reminder, Illuminated anniversary. J. S. Miller. 117,526; Nov. 7.
Camera. C. W. Crumrine. 113,220; Feb. 7.
Camera. J. Galter. 114,323–4; Apr. 18.
Camera. J. B. Nelson. 117,575; Nov. 14.
Camera. H. T. Schiff. 113,239; Feb. 7.
Camera. H. T. Schiff. 117,677; Nov. 21.
Camera. W. D. Teague. 117,587; Nov. 14.
Camera and grip therefor, Combined. L. T. Stroever. 113,403; Feb. 21.
Camera, Color. T. S. Curtis. 115,165; June 6.
Camera, Moving picture. P. F. Sperry. 114,603; May 2.
Camera or similar article. O. W. Githens and G. Kende. 117,174; Oct. 17.
Camera or similar article. B. Helzick. 115,313; June 20.
Camera or similar article, Photographic. O. Steiner and C. H. Roth, Jr. 117,154–5; Oct. 17.
Can opener. J. H. Horstman. 116,031; Aug. 8.
Can opener. M. J. Zimmer. 117,210; Oct. 17.
Can or similar article. W. B. McDonald. 113,330; Feb. 14.
Can puncher and stopper, Combination. W. H. Casebeer. 117,768; Nov. 21.
Can, Tobacco. E. K. Johnson. 114,760; May 16.
Candelabrum. W. C. Smith. 117,836; Nov. 28.
Candle. M. C. Hamblet. 115,110; June 6.
Candle. M. C. Hamblet. 116,460; Sept. 5.
Candle. M. C. Hamblet. 117,041; Oct. 10.
Candle. L. F. Wilson. 115,947; Aug. 1.
Candleblock or article of similar nature, Glass. T. C. Heisey. 114,217; Apr. 11.
Cane, Walking. T. H. Fletcher. 113,865; Mar. 21.
Cane and folding seat or similar article, Combined. M. A. Bodkin. 113,534; Feb. 28.
Canister or similar article. W. Garten. 115,040; May 30.
Canister, Tea. M. Kamenstein. 114,858; May 16.
Canopy for a hammock and supporting pillars therefor, Combined. O. J. Schmidt. 112,793; Jan. 3.
Cap. D. F. Cronkhite. 117,515; Nov. 7.
Cap. R. Feintuck. 114,880; May 16.
Cap. F. J. Wengen. 114,980; May 23.
Cap and can, Combined. W. A. Schmitt. 112,967; Jan. 17.
Cap, Bathing. F. S. Klein. 113,745; Mar. 14.
Cap, Bottle. R. E. Knudsen. 114,070; Apr. 4.
Cap, Closure. A. H. Jung. 118,157; Dec. 19.
Cap, Container. S. L. Barnes. 114,053; Apr. 4.
Cap, Container. J. Hoch. 112,810; Jan. 3.
Cap, Container. A. H. Jung. 116,935; Oct. 3.
Cap, Container. A. H. Jung. 117,303; Oct. 24.
Cap, Container. A. H. Jung. 117,717; Nov. 21.
Cap, Container. L. Mann. 116,857; Sept. 26.
Cap for a bottle or similar container. W. M. Van Ostrom. 117,300; Oct. 24.
Cap for a sugar container or similar article, Dispensing. S. Bloomfield. 113,305; Feb. 14.
Cap for cash register control keys, Cushion. G. W. Munson. 116,238; Aug. 22.
Cap for liquid dispensing bottle. C. T. Gerhart. 117,265; Oct. 24.
Cap, Receptacle sealing. E. H. Fabrice. 113,419–20; Feb. 21.
Cap removing implement, Screw. H. Francke. 114,211; Apr. 11.

Cap, Self-closing bottle. H. Harnage. 116,676; Sept. 12.
Cape. A. N. Spânel. 118,219; Dec. 19.
Cape, Fur. H. Soldinger. 115,055; May 30.
Cape or similar article, Vanity. M. T. Fadie. 115,064; May 30.
Carafe. C. Karstadt. 113,228; Feb. 7.
Carafe. J. R. Morgan. 112,947; Jan. 17.
Carafe and cup, Combined. C. Karstadt. 113,229; Feb. 7.
Carafe and cup, Combined. J. R. Morgan. 112,948; Jan. 17.
Carafe, cup, and coaster, Combined. J. R. Morgan. 113,235; Feb. 7.
Carbonator. E. A. Arnold. 115,827; July 25.
Carburetor. R. E. Schmidt. 115,428; June 27.
Card, Advertising. R. I. Blanchard. 114,257; Apr. 11.
Card, Baseball schedule. N. J. Pauly. 116,239; Aug. 22.
Card, Bottle display. F. A. Sunderhauf and F. W. Broderick. 117,602; Nov. 14.
Cards, Deck of playing. O. E. Keene. 114,578; May 2.
Cards, Set of. E. S. McCandless. 117,187; Oct. 17.
Carpet or similar article. C. Lehner. 113,610; Feb. 28.
Carpet or similar article. G. V. Uihlein. 117,624; Nov. 14.
Carpet or similar article. G. W. Uihlein. 117,737–8; Nov. 21.
Carriage and spacer guide for meat slicing machines, Combined. T. L. Hand. 114,588; May 2.
Carrier and container for a bicycle or the like, Combined luggage. J. R. Morgan. 113,785; Mar. 14.
Carrier, Bottle. G. F. Ford, C. R. Barbee, and P. H. Squires. 115,651; July 11.
Carrier, Bottle. D. K. Washburn. 114,034; Mar. 28.
Carrier, Milk bottle. W. A. Goodwin. 115,619; July 11.
Carrier, Portable sample. H. L. Hoenigsberger. 118,283; Dec. 26.
Cart, Tea. W. I. Smith. 118,060; Dec. 12.
Carton. W. Medoff. 112,844; Jan. 3.
Carton and carrier, Combined display. T. R. Campbell. 114,889; May 23.
Carton, Display. F. W. Broderick. 118,010; Dec. 12.
Carton, Display. T. R. Campbell. 117,709; Nov. 21.
Case and flashlight, Combined key. I. Florman. 114,941; May 23.
Case and lighter, Combined cigarette. A. M. Andrews. 113,448; Feb. 21.
Case and locket, Combined watch. W. C. Barthman. 115,060; May 30.
Case and mirror, Combined lipstick. A. R. Botham. 116,010; Aug. 8.
Case and mirror, Combined merchandise display. J. Trojan. 116,752; Sept. 19.
Case and mounting therefor or similar article, Combined thermostat. W. A. Ray. 114,091; Apr. 4.
Case and stand, Combined display. H. J. Rask. 115,351; June 20.
Case, Artificial tooth shade guide. A. F. Lays. 117,123; Oct. 10.
Case, Carrying. G. Wenger. 115,862; July 25.
Case, Clock. L. I. Bruce. 115,195–6; June 13.
Case, Clock. L. I. Bruce. 115,905; Aug. 1.
Case, Clock. L. I. Bruce. 117,895–7; Dec. 5.
Case, Clock. O. Ciccarelli. 115,198; June 13.
Case, Clock. R. W. Goulet. 115,620; July 11.
Case, Clock. F. Williams. 117,916; Dec. 5.
Case, Clock. F. Williams. 118,143; Dec. 19.
Case, Clock. O. G. Williams. 115,436; June 27.
Case, Combination vanity and lipstick. A. R. Botham. 113,198–9; Jan. 31.
Case, Combination vanity and lipstick. A. R. Botham. 115,194; June 13.
Case, Compact. C. Amick. 117,706; Nov. 21.
Case, Counter display. T. A. Schutz. 116,577; Sept. 12.
Case, Counter display. T. A. Schutz. 117,293; Oct. 24.
Case, Display. E. R. Erickson. 116,557; Sept. 12.
Case, Display. J. Guttman. 117,713–14; Nov. 21.
Case, Display. C. F. Hoffman. 114,185; Apr. 11.
Case, Display. R. E. Ottenheimer. 116,480; Sept. 5.
Case, Display. H. P. Vaughn. 116,152–3; Aug. 15.
Case, Display. H. P. Vaughn. 116,455–6; Sept. 5.
Case, Display. H. P. Vaughn. 117,463; Nov. 7.
Case, Flashlight. A. Gelardin. 114,327; Apr. 18.
Case, Flashlight. A. Katzinger. 116,956; Oct. 3.
Case for a combined battery tester and charger. M. L. Pugh. 112,913; Jan. 10.
Case for phonograph records, Wall. W. F. Brotzman and B. H. Statter. 114,172; Apr. 11.
Case for range timers. F. Lux and W. A. Hersey. 117,497; Nov. 7.
Case for typewriters, Carrying. J. Krüger. 115,560; July 4.
Case, Hand luggage. W. C. Chesnut. 117,467; Nov. 7.
Case, Lipstick. H. L. Dexter. 114,442; Apr. 25.
Case, Lipstick. C. F. Harris. 117,562; Nov. 14.
Case, Lipstick. J. L. Younghusband. 113,470; Feb. 21.
Case, Lipstick. J. L. Younghusband. 114,359; Apr. 18.
Case, Lipstick. J. L. Younghusband. 114,887; May 16.
Case, Luggage. S. L. Long, Jr. 113,044; Jan. 24.
Case, Merchandise display. M. C. Houle. 116,561; Sept. 12.
Case, Merchandise display. J. Trojan. 112,865; Jan. 10.
Case, Merchandise display. J. Trojan. 116,585; Sept. 12.
Case, Merchandise display. J. Trojan. 117,489; Nov. 7.
Case or similar article, Cigarette. N. Edwards. 115,030; May 30.
Case or similar article, Clock. C. B. Simmons. 114,969; May 23.
Case or similar article, Illuminable vanity. G. M. Cressaty. 113,035; Jan. 24.
Case or similar article, Illuminable vanity. G. M. Cressaty. 114,698; May 9.
Case or similar article, Sewing. J. H. Reichart. 113,351; Feb. 14.
Case or similar article, Toilet. H. Bellau. 116,977; Oct. 3.
Case or similar article, Vanity. L. J. Davenport. 114,058; Apr. 4.
Case or similar article, Vanity. C. Derr. 117,226; Oct. 17.
Case or similar article, Vanity. R. T. Gaige. 115,959–62; Aug. 1.
Case or similar article, Vanity. R. T. Gaige. 117,748; Nov. 21.
Case or similar article, Vanity. J. Rich. 117,485; Nov. 7.
Case or similar article, Vanity. J. Rich. 117,639; Nov. 14.
Case or similar article, Vanity. D. H. Zell. 115,324; June 20.
Case or the like, Combined storage and display. C. V. Hill. 115,621; July 11.
Case, Overnight. H. Kaufmann. 116,165; Aug. 15.
Case, Piano. W. M. Day. 113,379; Feb. 21.
Case, Piano. W. M. Day. 113,833–5; Mar. 21.
Case, Piano. W. M. Day. 115,513; July 4.
Case, Piano. T. J. Dentz. 113,891; Mar. 21.
Case, Piano. T. J. Dentz. 114,098; Apr. 4.
Case, Piano. E. Gugler. 113,628; Mar. 7.
Case, Piano. S. E. Zack. 113,316; Feb. 14.
Case, radio, phonograph, and music cabinet, Combined piano. J. K. Webster. 117,589; Nov. 14.
Case, Storage battery. R. M. Critchfield and D. B. Roberts. 114,147; Apr. 4.
Case, Storage battery. O. O. Rieser. 117,699; Nov. 21.
Case, Toilet. G. D. Runnels. 116,613; Sept. 12.
Case, Toilet. H. C. Wright. 115,805; July 18.
Case, Vanity. F. N. Lewis. 117,102; Oct. 10.
Case, Vanity. F. McIntosh. 113,273; Feb. 7.
Case, Vanity. F. McIntosh. 114,863; May 16.
Case, Vanity. F. McIntosh. 116,232; Aug. 22.
Case, Watch. B. de F. Bernstein. 114,631; May 9.
Case, Wrist watch. A. Wuischpard. 113,248; Feb. 7.
Casing and mirror, Combination lipstick. L. Fabisch. 117,333; Oct. 24.
Casing, Automobile heater. J. R. Morgan. 114,823; May 16.
Casing, Clock. H. Dreyfuss. 114,262; Apr. 11.
Casing, Clock. M. Schlenker. 113,120; Jan. 31.
Casing, Clock. M. Schlenker. 117,912; Dec. 5.
Casing, Color temperature meter. M. R. Hutchison, Jr. 112,999; Jan. 24.
Casing, Compressor. A. C. Radtke. 116,241; Aug. 22.
Casing, Directional signal. O. M. Pope. 118,312; Dec. 26.
Casing, Double paper plate. J. G. Deynzer. 115,876; July 25.
Casing, Dry shaver. G. Wilmet. 116,871; Sept. 26.
Casing, Electric dry shaver. I. Florman. 114,060; Apr. 4.
Casing, Electric remote controller. L. J. Andres. 115,305–6; June 20.
Casing, Electrical instrument. A. G. Babo. 114,628; May 9.
Casing element for a slicing machine. A. H. Ahrndt. 112,765; Jan. 3.
Casing, Flashlight. W. W. Cargill. 113,257; Feb. 7.
Casing for a bread toaster. J. Pavelka, Jr., and V. Cornejo. 115,630; July 11.
Casing for a centrifugal liquid separator, Gear. C. E. Butler. 113,342–4; Feb. 14.
Casing for a cinematograph. J. Tuomey. 118,296; Dec. 26.
Casing for a cooler for fluids. C. L. Trier. 116,976; Oct. 3.
Casing for a deodorant dispenser or similar article, Wall. F. S. Grover. 113,036; Jan. 24.
Casing for a fluid meter counter or similar article. E. W. Shafer. 113,794; Mar. 14.
Casing for a label cutting machine. J. Rudie. 113,352; Feb. 14.
Casing for a shoe machine. F. A. Prahl, Jr. 118,053; Dec. 12.
Casing for a stitching machine. F. A. Prahl, Jr. 114,409–10; Apr. 18.
Casing for a stitching machine. F. A. Prahl, Jr. 115,423; June 27.
Casing for a pump unit. P. Fuller. 113,664; Mar. 7.
Casing for a toasting machine. J. Pavelka, Jr. 113,308; Feb. 14.
Casing for a woodworking machine. H. E. Tautz. 117,460; Nov. 7.
Casing for boiler burner units or the like. H. J. Sandlas, Jr. 117,291; Oct. 24.
Casing for door closing and checking device or similar article. L. F. Schmidt. 114,824–33; May 16.
Casing for heater or the like. H. D. Dufault. 116,796; Sept. 26.
Casing for shoe machines. F. A. Prahl, Jr. 114,411; Apr. 18.
Casing for suction cleaners or similar articles. H. Dreyfuss. 115,286; June 20.

Casing for suction cleaners or similar articles. H. Dreyfuss. 116,221; Aug. 22.
Casing for suction cleaners or similar articles. H. Dreyfuss. 117,394; Oct. 31.
Casing for thermometers or the like, Dial. G. E. Ford. 115,547; July 4.
Casing, Heater. J. M. Aufiero. 113,863; Mar. 21.
Casing, Heater. C. E. Meyerhoefer. 116,045; Aug. 8.
Casing, House number. L. B. Sklar. 116,578; Sept. 12.
Casing, Lamp. L. Z. LaForest. 118,306; Dec. 26.
Casing, Liquid dispensing. S. H. Elliott. 117,664; Nov. 21.
Casing, Lubricator. D. A. Shaw. 115,053; May 30.
Casing, Motor. J. R. Morgan. 115,575; July 4.
Casing or similar article, Watch. L. J. Davenport. 115,759; July 18.
Casing or the like, Bottle capper. E. W. Weston. 115,573; July 4.
Casing or the like, Electic remote control. P. M. Fuller. 115,203; June 13.
Casing or the like, Vending machine. F. W. Hoban. 114,657; May 9.
Casing or the like, Vending machine. L. Steiner. 113,999–4,000; Mar. 28.
Casing or the like, Vending machine. L. Steiner. 116,616; Sept. 12.
Casing, Pipe camera. N. Anderson. 115,727; July 18.
Casing, Radio. E. F. McDonald, Jr. 117,188–9; Oct. 17.
Casing, Scale. R. Heller. 117,273; Oct. 24.
Casing, Transformer. M. L. Eckman. 117,971; Dec. 5.
Casing, Vending machine. J. H. Bridwell. 116,548; Sept. 12.
Casket, Burial. J. Baker. 116,131; Aug. 15.
Casket rest. L. C. Haaser. 114,064; Apr. 4.
Casserole, Covered. J. P. Thorley. 117,857; Nov. 28.
Caster. C. W. Boden. 114,527; May 2.
Catheter. J. M. Auzin. 113,317; Feb. 14.
Cellarette, Console bar. D. Dillon. 115,957; Aug. 1.
Cellarette, Console bar. D. Dillon. 116,281; Aug. 22.
Chain. E. Augenstein. 115,843; July 25.
Chain. F. A. Dieterich. 116,839; Sept. 26.
Chain, Bracelet. S. Ritter. 113,333–4; Feb. 14.
Chain, Bracelet. J. Sand. 117,576–80; Nov. 14.
Chain, Bracelet. J. Sand. 117,595–9; Nov. 14.
Chain, Linked. R. Mantz. 115,346; June 20.
Chain, Linked. H. Sheer. 116,484; Sept. 5.
Chair. H. Baumeister. 116,470; Sept. 5.
Chair. A. J. Berna. 114,435; Apr. 25.
Chair. W. H. Bond, Jr. 113,372–3; Feb. 21.
Chair. W. H. Bond, Jr. 117,987–8; Dec. 5.
Chair. E. J. Burke. 114,056; Apr. 4.
Chair. W. J. Forster and R. F. Loewy. 116,800; Sept. 26.
Chair. J. M. Gardner. 114,892; May 23.
Chair. G. C. Gilkison. 118,039–41; Dec. 12.
Chair. A. S. Goldberg. 112,992; Jan. 24.
Chair. A. S. Goldberg. 117,267; Oct. 24.
Chair. C. Hasenstein. 114,065; Apr. 4.
Chair. W. H. Holzinger. 112,994; Jan. 24.
Chair. W. H. Holzinger. 116,231; Aug. 22.
Chair. T. M. McDonald and E. L. Monnot. 114,194; Apr. 11.
Chair. D. Powell. 118,138; Dec. 19.
Chair. W. Prokosch. 115,838; July 25.
Chair. J. D. Rogers. 115,425; June 27.
Chair. I. Salomon. 113,191; Jan. 31.
Chair. I. Salomon. 115,052; May 30.
Chair. T. E. Smith. 117,964; Dec. 5.
Chair. H. R. Uber. 113,407; Feb. 21.
Chair. L. Vavrik. 112,866; Jan. 10.
Chair. L. Vavrik. 112,868–9; Jan. 10
Chair back. J. G. Rideout. 115,051; May 30.
Chair back or similar article. H. R. Uber. 113,310; Feb. 14.
Chair back or similar article. H. R. Uber. 113,406; Feb. 21.
Chair back or similar article. H. R. Uber. 113,408; Feb. 21.
Chair back or similar article. H. L. van Doren. 116,811; Sept. 26.
Chair, Beach. W. E. Pharo. 113,852; Mar. 21.
Chair, Bridge. D. Dillon. 116,282; Aug. 22.
Chair, Folding. W. H. Bond, Jr. 118,185; Dec. 19.
Chair or similar article. L. Larsen. 118,019; Dec. 12.
Chair or similar article. E. R. Luger. 117,795; Nov. 28.
Chair or similar article. K. Meitner. 113,144; Jan. 31.
Chair or similar article. J. D. Rogers. 114,768; May 16.
Chair or similar article. H. J. Terker. 114,478; Apr. 25.
Chair or similar article, Metal. I. Salomon. 115,661; July 11.
Chair seat. J. B. O'Connor. 114,903; May 23.
Chair, Wooden. C. H. Wood. 114,693; May 9.
Charm. W. Lampl. 114,541–2; May 2.
Charm or the like. W. Lampl. 116,324; Aug. 22.
Chart and indoor radio aerial. Combined time conversion. J. A. Morgan. 113,931; Mar. 21.
Check marker and fountain pen or similar article, Combined. G. Donato. 115,916; Aug. 1.
Checker board. C. H. Brown. 113,963; Mar. 28.
Chest. S. P. Shurcliff. 116,245; Aug. 22.
Chest or analogous article, Vanity. H. Felder. 114,174; Apr. 11.
Chest or similar article. M. Hanson. 114,179; Apr. 11.
Chopper or the like, Meat. L. Blazey. 118,154; Dec. 19.
Chopper, Vegetable. R. B. Allen. 113,726; Mar. 14.
Cigar machine or similar article. H. H. Wheeler and H. Rosengren. 115,435; June 27.
Cigarette dispenser. J. E. Gould. 114,017; Mar. 28.
Cigarette dispenser. H. Negbaur. 113,431; Feb. 21.
Clamping device. A. T. Stein. 114,350; Apr. 18.
Clasp. J. B. Freysinger. 117,747; Nov. 21.
Clasp and comb, Combined tie. T. L. Pogue. 117,822; Nov. 28.
Clasp, Blanket. E. B. Jorgensen. 117,670; Nov. 21.
Clasp, Belt. V. T. Howard. 112,997; Jan. 24.
Clasp, Garment. F. G. Deming. 114,441; Apr. 25.
Clasp, Garment. H. C. Vaisey. 114,050; Mar. 28.
Clasp, Handbag. C. Lowenstein. 114,249; Apr. 11.
Cleaner, Comb. W. Martino. 112,946; Jan. 17.
Cleaner, Suction. W. Leathers. 114,593; May 2.
Cleaner, Suction. E. F. Martinet. 117,775; Nov. 21.
Cleaner, Vacuum. O. M. Anderson and N. T. Almquist. 118,007; Dec. 12.
Cleaner, Vacuum. L. J. F. Ell. 113,985; Mar. 28.
Cleaning apparatus, Portable steam. A. Clarkson. 115,185; June 6.
Cleaning device for pipe stems, cigar and cigarette holders. V. Lind. 115,157; June 6.
Clip. G. A. J. Bezault. 114,055; Apr. 4.
Clip for window blinds or the like, Pull-cord. W. M. Jones. 116,033; Aug. 8.
Clip or similar article. D. Cooper. 112,935–7; Jan. 17.
Clip or similar article. D. Cooper. 112,939; Jan. 17.
Clip or similar article. D. Cooper. 114,613; May 2.
Clip or similar article. D. Cooper. 115,909–12; Aug 1.
Clip or similar article. A. Katz. 118,121; Dec. 19.
Clip or similar article. A. Philippe. 115,295–6; June 20.
Clip or similar article. J. Toussaint. 113,245; Feb. 7.
Clip or similar article. J. Toussaint. 113,979–81; Mar. 28.
Clip or similar article. J. Wuyts. 114,801; May 16.
Clip, Paper. M. Vogel. 116,969; Oct. 3.
Clip, Pen and pencil. L. H. Ashmore. 116,005; Aug 8.
Clip, Pen and pencil. F. C. Deli, and E. Petau. 115,544; July 4.
Clip, Pin. A. Philippe. 113,946; Mar. 21.
Clip, Pin. A. Katz. 116,477–8; Sept. 5.
Clip, Pin. A. Katz. 116,607; Sept. 12.
Clip, Pin. J. H. Leff. 116,290; Aug. 22.
Clip, Pin. A. Philippe. 116,081–7; Aug. 8.
Clip, Pin. A. Philippe. 116,099–100; Aug. 8.
Clip, Pin. A. Philippe. 116,105–7; Aug. 8.
Clip, Pin. A. Philippe. 116,291–7; Aug. 22.
Clip, Valance. R. H. Wright. 116,438; Aug. 29.
Clipper, Hair. R. E. Bourke, Jr. 117,944; Dec. 5.
Clippers. C. Larocque. 115,932; Aug. 1.
Clock. L. Y. Booharin. 116,257; Aug. 22.
Clock. M. Harris. 115,553; July 4.
Clock. P. M. Klein. 114,121; Apr. 4.
Clock. S. G. Kooluris and L. Fox. 117,903; Dec. 5.
Clock. J. L. Stone. 113,022; Jan. 24.
Clock and base combination, Pull wind desk. J. P. Ambrose. 116,130; Aug. 15.
Clock and smoking stand, Combined. J. M. Walkley. 114,668; May 9.
Clock, Desk. J. S. Sherman. 118,292; Dec. 26.
Clock, Electric. J. Gottlieb. 114,264; Apr. 11.
Clock, Electric. J. Gottlieb. 114,577; May 2.
Clock or similar article. I. V. Peterson. 115,939; Aug. 1.
Clock or similar article. M. Stern. 116,062; Aug. 8.
Clock, Wall. P. Koch. 115,315; June 20.
Closet. H. Derman. 113,622; Mar. 7.
Closet bowl and mounting therefor, Folding type. L. Andersen, E. A. Fredrickson, T. P. Newman, H. R. Van Sciver, and R. H. Zinkil. 114,166; Apr. 11.
Closet bowl and mounting therefor, Swivel type. L. Andersen, E. A. Fredrickson, H. R. Van Sciver, and R. H. Zinkil. 114,167; Apr. 11.
Closet for ranges, Warming. E. R. Culver, Jr. 113,360; Feb. 14.
Closure, Dispensing. H. H. Martin. 116,858; Sept. 26.
Closure, Slide fastener. R. Kay. 115,455–9; June 27.
Closure, Slide fastener. R. Kay. 115,557; July 4.
Closure, Slide fastener. R. Kay. 115,927; Aug. 1.
Closure, Slide fastener. R. Kay. 117,671; Nov. 21.
Closure top or similar article, Dispenser. R. Bernhardt. 116,511; Sept. 5.
Clothespin. C. Swezey. 116,975; Oct. 3.
Clothesrack. M. D. Mendle. 113,517; Feb. 28.
Coach body, Motor. W. O. Block. 118,105; Dec. 12.
Coach, Motor. R. Loewy. 113,009; Jan. 24.
Coach or similar, Baby. R. O. Snyder. 115,135; June 6.
Coaster. J. R. Morgan. 114,551; May 2.
Coat. A. Alper. 113,485; Feb. 28.
Coat. A. Alper. 113,526; Feb. 28.
Coat. A. Alper. 114,525; May 2.
Coat. S. Babus. 113,177; Jan. 31.
Coat. M. Bagedonow. 118,256–7; Dec. 26.
Coat. M. Bagedonow. 118,332; Dec. 26.
Coat. M. Bauman. 114,010; Mar. 28.
Coat. B. Chalk. 114,611–2; May 2.
Coat. B. Chalk. 115,358; June 20.
Coat. B. Chalk. 116,019; Aug. 8.
Coat. B. Chalk. 117,710; Nov. 21.
Coat. S. H. Dick. 113,487; Feb. 28.
Coat. S. H. Dick. 113,529; Feb. 28.

Coat. S. H. Dick. 113,656; Mar. 7.
Coat. S. H. Dick. 114,319; Apr. 18.
Coat. M. Edelson. 114,393; Apr. 18.
Coat. S. Etkin. 116,762; Sept. 19.
Coat. D. B. Feldman. 114,278; Apr. 11.
Coat. G. E. Felger. 115,594–5; July 4.
Coat. S. Finkelstein. 113,556; Feb. 28.
Coat. B. Fischer. 114,754–5; May 16.
Coat. A. Freid. 117,118; Oct. 10.
Coat. B. Goldschmidt. 114,280; Apr. 11.
Coat. B. Goldschmidt. 114,975; May 23.
Coat. M. S. Handler. 113,202; Jan. 31.
Coat. M. S. Handler. 113,491–2; Feb. 28.
Coat. M. S. Handler. 113,560; Feb. 28.
Coat. M. S. Handler. 113,666–7; Mar. 7.
Coat. M. S. Handler. 113,739; Mar. 14.
Coat. W. Heitner. 113,932–6; Mar. 21.
Coat. M. Hirsch. 115,586; July 4.
Coat. J. Judenfreund. 113,496; Feb. 28.
Coat. D. Kaplan. 115,894–5; July 25.
Coat. D. Kaplan. 115,985; Aug. 1.
Coat. D. Kaplan. 116,286–7; Aug. 22.
Coat. D. Kaplan. 117,001; Oct. 3.
Coat. J. J. Kushner. 112,811; Jan. 3.
Coat. H. Kushner. 116,879; Sept. 26.
Coat. A. Levine. 114,762; May 16.
Coat I. Levy. 113,208; Jan. 31.
Coat. L. B. Lieberman. 113,497; Feb. 28.
Coat. M. D. Metzger. 116,044; Aug. 8.
Coat. E. Minkoff. 113,937; Mar. 21.
Coat. E. Minkoff. 114,295; Apr. 11.
Coat. J. H. Myron. 116,884; Sept. 26.
Coat. L. Newman. 115,077–8; May 30.
Coat. L. Newman. 115,587–8; July 4.
Coat. A. Oppenheimer. 114,904; May 23.
Coat. T di Pretore. 113,488; Feb. 28.
Coat. S. Rosenblatt. 113,094; Jan. 24.
Coat. M. G. Rosenfeld. 116,298; Aug. 22.
Coat. P. Rosenshein. 114,300; Apr. 11.
Coat. A. Rosenzweig. 116,351; Aug. 29.
Coat. A. Rosenzweig. 117,384; Oct. 31.
Coat. A. Rosenzweig. 117,532; Nov. 7.
Coat. F. Schwartz. 115,589–90; July 4.
Coat. C. Shapiro. 115,591–2; July 4.
Coat. A. Sherman. 113,468; Feb. 21.
Coat. J. A. Silverman. 115,085; May 30.
Coat. J. A. Silverman. 115,593; July 4.
Coat. J. A. Silverman. 116,615; Sept. 12.
Coat. J. A. Silverman. 116,891; Sept. 26.
Coat. J. A. Silverman. 118,107; Dec. 12.
Coat. A. Silverstein. 118,322; Dec. 26.
Coat. M. Smithken. 116,061; Aug. 8.
Coat. N. Stein. 114,771; May 16.
Coat. S. Stimell. 118,269; Dec. 26.
Coat. H. Stracks. 117,204; Oct. 17.
Coat. H. Weinstein. 114,304; Apr. 11.
Coat. D. Yanofsky. 117,438; Oct. 31.
Coat. D. Zalinka. 116,755; Sept. 19.
Coat. S. Zimmerman. 113,195–7; Jan. 31.
Coat. S. Zimmerman. 113,212; Jan. 31.
Coat. S. Zimmerman. 113,356; Feb. 14.
Coat. S. Zimmerman. 113,471; Feb. 21.
Coat. S. Zimmerman. 113,500; Feb. 28.
Coat. S. Zimmerman. 113,533; Feb. 28.
Coat. S. Zimmerman. 113,590; Feb. 28.
Coat. S. Zimmerman. 113,778; Mar. 14.
Coat. S. Zimmerman. 113,941; Mar. 21.
Coat. S. Zimmerman. 114,052; Mar. 28.
Coat. S. Zimmerman. 114,381; Apr. 18.
Coat. L. Zucker and H. Feigenbaum. 113,203–4; Jan. 31.
Coat. H. Zuckerman. 115,900; July 25.
Coat. H. Zuckerman. 116,075–6; Aug. 8.
Coat. H. Zuckerman. 116,588–90; Sept. 12.
Coat. H. Zuckerman. 116,984; Oct. 3.
Coat. H. Zuckerman. 117,115; Oct. 10.
Coat. H. Zuckerman. 117,243; Oct. 17.
Coat. H. Zuckerman. 118,144; Dec. 19.
Coat and head covering, Combined. E. A. Storey and D. E. Vertuno. 113,194; Jan. 31.
Coat, Child's. B. Fischer. 118,038; Dec. 12.
Coat, Child's. E. Kleppar. 116,744; Sept. 19.
Coat, Child's. E. Klepper. 117,098; Oct. 10.
Coat, Fur. S. Etkin. 116,493; Sept. 5.
Coat, Fur. J. Gellert. 116,638; Sept. 12.
Coat, House. I. Appel. 113,798; Mar. 14.
Coat, Lady's. S. Passin. 116,750; Sept. 19.
Coat or similar article. C. Kanowitz. 114,623; May 2.
Coat or similar article, Beach. L. C. Asch. 116,425; Aug. 29.
Coat or similar article, Child's. M. Glass. 114,481; Apr. 25.
Coat or similar article, Child's. M. Glass. 114,857; May 16.
Coat or similar article, Fireman's. H. J. Callahan 117,331; Oct. 24.
Coat or similar article, Fireman's safety. H. J. Callahan. 118,109; Dec. 19.
Coat, Woman's. N. H. Tobin. 115,365; June 20.
Cock, Drain. F. R. Leffler. 117,400; Oct. 31.
Coffee maker. S. W. Farber. 114,364; Apr. 18.
Coffee maker. A. Iannelli. 113,512; Feb. 28.
Coffee maker. H. G. Lehmann. 117,568–71; Nov. 14.
Coffee maker. A. F. Ramsthal. 116,380; Aug. 29.
Coffee maker. F. E. Wolcott. 114,692; May 9.
Coffee maker. F. E. Wolcott. 115,226; June 13.
Coffee maker and teapot or similar article, Combined. W. B. Moore. 114,550; May 2.
Coffeepot. A. Iannelli. 113,513; Feb. 28.
Coffeepot or similar article. W. Schmidt, Jr. 113,441; Feb. 21.
Coffeepot or similar article. F. W. Stark. 116,248; Aug. 22.
Coffeepot or similar article. F. W. Stark. 116,250; Aug. 22.
Coffee server. A. F. Ramsthal. 116,379; Aug. 29.
Coin and slug detector. W. Patzer and W. A. Tratsch. 115,125; June 6.
Collar. A. Livingston. 114,884; May 16.
Collar, Fur. A. Rauch. 116,050–1; Aug. 8.
Collar, Fur. J. A. Silverman. 116,057; Aug. 8.
Collar, Lady's. E. Gold. 117,317; Oct. 24.
Collar, Man's shirt. D. Levin. 113,092; Jan. 24.
Collar or similar article. W. F. Breuss. 113,450; Feb. 21.
Collar or similar article, Embroidered. E. W. Freudenberg. 118,335; Dec. 26.
Collar or similar article, Reversible embroidered. H. Bohn. 118,201; Dec. 19.
Comb. M. Dunner. 113,657; Mar. 7.
Comb. L. J. Gagnon. 116,739; Sept. 19.
Comb. P. S. Madsen. 116,039; Aug. 8.
Comb. C. A. Moore. 115,214; June 13.
Comb and brush, Combined. N. L. Solomon. 116,509; Sept. 5.
Comb and brush, Combined toilet. J. Davis. 115,687; July 11.
Comb and case, Combination. L. Kahn. 114,658; May 9.
Comb and clip, Combined pocket. G. W. Thompson. 116,869; Sept. 26.
Comb and curler, Combined. L. G. Arpin and A. J. Bedwell. 115,186; June 6.
Comb and curler, Combined. H. C. Schlicker. 118,058; Dec. 12.
Comb, Folding curler. E. S. Berliner. 114,168; Apr. 11.
Comb, hair smoother, and wrench, Combined. V. R. Pileggi. 118,021; Dec. 12.
Comb holder and brush, Combination. M. A. North. 114,558; May 2.
Comb or similar article. J. Kahn. 113,844; Mar. 21.
Comb or similar article, Hair dress. L. Twomey. 115,534; July 4.
Comfortable. L. Goodstein. 113,987; Mar. 28.
Comfortable. L. Goodstein. 115,167; June 6.
Comfortable. L. Goodstein. 115,179; June 6.
Comfortable. P. Joseph. 115,653–5; July 11.
Comfortable. P. Joseph. 115,671; July 11.
Comfortable. P. Joseph. 117,097; Oct. 10.
Comfortable. H. Sumergrade. 113,772; Mar. 14.
Compact. G. Rosenberg. 113,995–6; Mar. 28.
Compact or similar article, Illuminable. G. Zumft. 115,184; June 6.
Compact or the like. C. H. Lawrence. 116,990–1; Oct. 3.
Compass, Draftsman's. C. D. Stewart. 112,849; Jan. 3.
Compressor, Air. R. A. Manning. 113,427–8; Feb. 21.
Compressor or the like, Portable air. A. J. Lotz and G. W. Tammen. 118,165; Dec. 19.
Confection. W. A. Houston. 116,461; Sept. 5.
Confection. G. T. Parr. 117,455–6; Nov. 7.
Connector, Brace. L. E. Baer. 116,276; Aug. 22.
Container and applicator, Combined cosmetic. M. V. Eastley. 117,092; Oct. 10.
Container and box therefor, Combined perfume. F. N. Lewis. 117,069; Oct. 10.
Container and cover therefor for a food product, drinking cup or the like, Combined molded pulp. W. H. Randall. 115,523; July 4.
Container and stand therefor, Combined perfume. F. N. Lewis. 113,635–6; Mar. 7.
Container and support therefor, Combined perfume. D. West. 113,887; Mar. 21.
Container and supporting base for perfume bottles or similar articles, Combined display. J. S. Stein. 113,443; Feb. 21.
Container, Candy. T. H. Stough. 115,241; June 13.
Container, Candy. T. H. Stough. 115,532–3; July 4.
Container, Combination perfume. F. N. Lewis. 116,371; Aug. 29.
Container, Combined box and perfume. F. N. Lewis. 117,572; Nov. 14.
Container, Combined powder puff and lipstick. J. B. Lee. 114,401; Apr. 18.
Container, Cosmetic. A. H. Jung. 117,276; Oct. 24.
Container, Display. I. Perlmutter. 117,289; Oct. 24.
Container for a food product, drinking cup, or the like, Molded pulp. W. H. Randall. 115,525; July 4.
Container for bottled perfume and the like. P. M. Brown. 116,549; Sept. 12.
Container for displaying live insects, Transparent. J. J. Gruenberg. 117,173; Oct. 17.
Container for golf balls and tees, Display. R. K. Hines. 113,840; Mar. 21.
Container for perfume bottles. H. Worth and S. T. Phillips. 116,074; Aug. 8.
Container for perfume sachets. R. B. Karoff. 113,423; Feb. 21.
Container for perfumes, Combination. R. B. Karoff. 113,562; Feb. 28.
Container for perfumes, Combination. R. B. Karoff. 117,147; Oct. 17.

Container for perfumes, Combination. R. B. Karoff. 117,851–2; Nov. 28.
Container for toilet articles or the like. W. B. Petzold. 115,837; July 25.
Container for writing instruments or the like, Display. G. C. Holt and N. D. Fish. 117,437; Oct. 31.
Container, Insecticide. M. Keim. 115,820; July 18.
Container, Label. M. Rosenbaum. 113,720–1; Mar. 14.
Container, Measuring. H. B. Kaempf. 115,831; July 25.
Container or article of similar nature, Combined glass powder and powder puff. T. C. Heisey. 114,180; Apr. 11.
Container or similar article, Combined cooking and serving. S. Hayden and C. J. Amick. 114,949; May 23.
Container or similar article, Merchandise. W. Kuehn. 118,049; Dec. 12.
Container or the like, Edible ice cream. H. L. Sappington. 117,458; Nov. 7.
Container, Perfume. A. E. Sierad. 116,921; Oct. 3.
Container, Perfume bottle. J. Guerin. 112,943; Jan. 17.
Container, Pocket medicine. D. Sholtz. 113,687; Mar. 7.
Container, Premium slip. W. de Wilde. 113,418; Feb. 21.
Container to be mounted on a bicycle. J. R. Morgan. 114,555; May 2.
Container top. A. W. McKee. 113,301; Feb. 7.
Container, Transparent mothproof garment. W. R. Kohl. 115,502; July 4.
Control unit for a radio receiver. R. C. Marholz. 116,746; Sept. 19.
Cooker, Frankfurter. B. A. Busey and R. B. Hartzler. 114,806; May 16.
Cooker, Pressure. A. Vischer, Jr. 113,027; Jan. 24.
Cooker, Pressure. E. R. Hamilton. 113,510; Feb. 28.
Cooker, Steam. K. L. Steelbach. 117,113; Oct. 10.
Cooker, Table. S. W. Farber. 113,733–4; Mar. 14.
Cooker, Table. S. W. Farber. 116,799; Sept. 26.
Cooky. J. Huber. 117,043; Oct. 10.
Cooler, Beverage. C. Kavalir. 113,672; Mar. 7.
Cord and thermometer, Combined lamp pull. S. Lapin. 113,328; Feb. 14.
Corset. C. H. Schopbach and M. Laguzzi. 113,684; Mar. 7.
Couch. A. F. Breglia. 115,022; May 30.
Counter. C. B. Stevens. 113,337; Feb. 14.
Counter, Beverage service. L. Fowler. 113,507; Feb. 28.
Counter, Display. E. L. Hayes. 115,495; July 4.
Counter, Display. H. E. Krisman. 115,929; Aug. 1.
Counter unit, Restaurant. F. C. Gerardy and A. E. Nordland. 114,063; Apr. 4.
Counterbore. O. C. Hedin. 116,341; Aug. 29.
Counting device. F. A. Poole. 115,809; July 18.
Coupler fitting, Trailer. J. L. Gilmore. 117,509; Nov. 7.
Coupler or similar article, Trailer. B. G. Harley 116,027; Aug. 8.
Coupling and spray nozzle, Combined. F. F. Lindstaedt. 115,414; June 27.
Coupling, Pipe. G. L. Busian. 117,444; Nov. 7.
Cover and hood, Combined tractor radiator. H. Dreyfus. 112,900; Jan. 10.
Cover and hood, Combined tractor radiator. H. Dreyfuss. 114,635; May 9.
Cover, Book. F. W. Brehm. 115,062; May 30.
Cover, Card table. T. S. Cart. 113,902; Mar. 21.
Cover, Card-table. V. A. Davenport. 113,927; Mar. 21.
Cover display, Combination card and bowl. M. Laitman. 117,068; Oct. 10.
Cover for a merchandise container or similar article. S. K. Smith. 113,722; Mar. 14.
Cover for automobiles, Radiator grille. W. L. Morrison. 114,406–7; Apr. 18.
Cover for dusting purposes, Broom. E. H. Pratt. 113,048; Jan. 24.
Cover for picture frame. J. A. Dedouch. 116,492; Sept. 5.
Cover, Golf club. J. H. Lamkin. 117,281; Oct. 24.
Cover or similar article, Book. C. D. Trussell. 118,191–9; Dec. 19.
Cover or similar article, Mattress. R. S. Foggett. 115,806; July 18.
Cover or similar article, Table. G. F. Erhard. 114,924-38; May 23.
Covering or similar article, Head. J. Rannells. 116,646; Sept. 12.
Cracker and pick, Combined. L. Roos. 115,426; June 27.
Creamer. C. Kaiser. 117,372; Oct. 31.
Crib. E. J. Spence. 114,371; Apr. 18.
Cross. H. H. Farrington. 114,015; Mar. 28.
Crucifix. J. B. Garvey. 117,450; Nov. 7.
Crucifix and holy water fount, Combined illuminated. E. Ross. 113,335; Feb. 14.
Crusher, Ice. O. Kleppner. 113,847; Mar. 21.
Crusher, Ice. J. M. Majewski, Jr. 116,565; Sept. 12.
Crutch or similar article. C. D. Upton. 114,912; May 23.
Cuff link. G. A. Ingleby. 116,342; Aug. 29.
Cuff link or similar article. G. W. Headley, 3d. 116,029; Aug. 8.
Cup. C. Karstadt. 113,230; Feb. 7.
Cup. J. R. Morgan. 112,949; Jan. 17.
Cup and cover therefor, Combined. E. A. Reiser. 112,846; Jan. 3.
Cup Electrical self-heating. H. E. Lacy. 115,411–2; June 27.
Cup, Medicinal measuring. G. P. Kingsbury. 113,538; Feb. 28.
Cup or the like. M. C. Ruskin. 113,017; Jan. 24.
Cupboard. A. W. Lovejoy. 116,346; Aug. 29.
Cupboard, Corner. D. J. Baum. 113,129; Jan. 31.
Curler, Hair. A. W. Woodford. 117,861; Nov. 28.
Curtain. F. Gentner. 113,086; Jan. 24.
Curtain or similar article. A. Holtz. 116,821; Sept. 26.
Curtain or similar article. M. Sadinoff. 116,751; Sept. 19.
Cushion. E. H. Bauer. 117,862; Nov. 28.
Cushion or similar article. M. J. Eckman. 114,973; May 23.
Cuticle remover. J. N. Whitehouse. 113,776; Mar. 14.
Cutter, Cake. E. Zimmerly. 114,372; Apr. 18.
Cutter for engine cylinders, Ridge. E. D. Green. 114,586; May 2.
Cutter, Vegetable. A. P. Osius. 116,749; Sept. 19.
Cutting machine or similar article, Portable electric. F. J. Clark. 116,360; Aug. 29.
Cylinder-head puller. F. L. Niles. 114,901; May 23.
Dart football game board. J. W. Long. 113,749; Mar. 14.
Dauber. M. H. Partridge. 115,317; June 20.
Deck of playing cards. J. C. Hampshire. 114,386; Apr. 18.
Deck of playing cards. F. J. Threlfall. 113,724; Mar. 14.
Decoration or article of similar nature, Table. D. O. Crandall. 115,913; Aug. 1.
Defecator. W. C. Groeniger. 113,838; Mar. 21.
Dental demonstration model. A. R. Settell. 114,512; Apr. 25.
Dental implement, Electric. C. A. Newman. 113,432; Feb. 21.
Dental lathe. G. K. Cameron. 117,989; Dec. 5.
Dental unit. E. L. Monnot. 114,821; May 16.
Dental unit. E. L. Monnot. 114,849; May 16.
Desk. G. C. Brainard. 117,253; Oct. 24.
Desk. F. F. Braun. 113,505; Feb. 28.
Desk. G. D. Norman. 114,764; May 16.
Desk. F. L. Wright. 114,203; Apr. 11.
Desk and bookcase, Combined. I. Greenfield. 115,850; July 25.
Desk and play board, Combination. F. B. Robb. 114,767; May 16.
Desk and play board, Combination. F. B. Robb. 115,660; July 11.
Desk and safe or similar article, Combined. C. R. Davis. 117,349; Oct. 31.
Desk or similar article T. T. Haag. 113,140; Jan. 31.
Desk, Typist's. T. T. Haag. 113,383; Feb. 21.
Desk unit. B. T. Bowers. 117,828; Nov. 28.
Desk unit, Combination. F. M. Aimes. 113,102; Jan. 31.
Desk unit, Combination. C. B. Gooding. 117,899; Dec. 5.
Desk unit, Combination. C. G. Gregory. 113,966; Mar. 28.
Desk unit, Combination. R. S. Huss. 116,934; Oct. 3.
Desk unit. Combination. G. T. Meyer. 113,519; Feb. 28.
Desk unit, Combination. E. R. Posnack. 115,319–20; June 20.
Desk unit, Combination. E. R. Posnack. 115,567; July 4.
Desk unit, Combination. D. Shatt. 116,382; Aug. 29.
Desk unit, Combination. M. E. Trollen. 116,453; Sept. 5.
Desk unit or similar article, Combination. L. H. Ashmore. 113,617; Mar. 7.
Detector, Coin and slug. W. Patzer and W. A. Tratsch. 116,143; Aug. 15.
Dial and hand for a clock or similar article, Combined. R. H. Bourne. 115,904; Aug. 1.
Dial and hands for a watch or similar article, Combined. A. L. Scott. 118,026; Dec. 12.
Die head. C. H. Ingwer and C. E. Wright. 116,266; Aug. 22.
Die or the like. R. Moure. 113,876; Mar. 21.
Die stock. R. B. Pealer. 117,798–9; Nov. 28.
Digesting and distilling apparatus, Combined. A. I. Newman. 117,406; Oct. 31.
Diner. N. Caracasis. 116,621; Sept. 12.
Directory. A. J. Wethington. 118,030; Dec. 12.
Directory, Desk telephone. W. L. McCullouch. 115,763; July 18.
Dish and brackets, Combination soap. R. S. Sanford. 117,487; Nov. 7.
Dish, Casserole. C. Kaiser. 117,508; Nov. 7.
Dish, Cheese server. R. Wright. 113,414; Feb. 21.
Dish, Glass. J. O. Reinicke and J. F. Barnes. 113,571; Feb. 28.
Dish, Glass. M. A. Smith. 115,009; May 30.
Dish or article of similar nature, Glass covered butter. F. S. Barbiers. 116,157; Aug. 15.
Dish or article of similar nature, Glass jelly. T. C. Heisey. 114,181; Apr. 11.
Dish or article of similar nature, Glass jelly. T. C Heisey. 116,030; Aug. 8.
Dish or article of similar nature, Glass relish. D. Deskey. 117,740; Nov. 21.
Dish or article of similar nature, Glass relish. T. C. Heisey. 114,895; May 23.
Dish or article of similar nature, Glass relish. T. C. Heisey. 115,497; July 4.
Dish or article of similar nature, Glass relish. T. C. Heisey. 115,818; July 18.

Dish or other article of hollow ware. J. G. Theobald. 114,241; Apr. 11.
Dish or similar article. G. N. Allen and P. L'Anglais. 116,211; Aug. 22.
Dish or similar article. E. B. Bedford and P. l'Anglais. 116,733–4; Sept. 19.
Dish or similar article. R. A. May. 115,935; Aug. 1.
Dish or similar article, Oyster. I. J. Heath. 115,398; June 27.
Dish or similar article, Pickle. G. Sakier. 115,801; July 18.
Dish or similar article, Soap. R. S. Sanford. 113,997; Mar. 28.
Dish or similar article, Soap. R. S. Sanford. 117,581; Nov. 14.
Dish, Serving. K. E. Baker. 112,920; Jan. 17.
Dish, Shirred egg. J. P. Thorley. 117,858; Nov. 28.
Disinfector. R. A. Myers. 114,598; May 2.
Dispenser and closure for a container, Combined. E. R. Hacmac. 112,880; Jan. 10.
Dispenser and closure for a container, Combined. E. R. Hacmac. 112,894; Mar. 21.
Dispenser and closure for a container, Combined. E. R. Hacmac. 114,536; May 2.
Dispenser and mixer for a container, Combined closure. E. R. Hacmac. 112,773; Jan. 3.
Dispenser and support therefor, Combined liquid. G. Binon. 115,328; June 20.
Dispenser and tooth brush holder, Combined tooth powder. A. A. Anthony. 116,254; Aug. 22.
Dispenser, Beverage. J. M. Travis and C. G. Jackson. 118,181; Dec. 19.
Dispenser, Cigarette. A. Huesing. 116,823; Sept. 26.
Dispenser, Food. G. Binon. 115,608; July 11.
Dispenser for cigarettes or cigars. W. L. Buszkiewicz. 117,491; Nov. 7.
Dispenser for elastic bands or the like. O. Lobl. 114,957; May 23.
Dispenser for interfolded sheets. F. L. Broeren. 115,098; June 6.
Dispenser for paper napkins. E. C. Morris. 113,757; Mar. 14.
Dispenser for powdered soap or the like. G. H. Packwood, Jr. 115,218–9; June 13.
Dispenser or similar article, Liquid. T. L. Titus. 113,725; Mar. 14.
Dispenser or the like, Cigarette. O. N. Christensen. 115,781; July 18.
Dispenser, Paper napkin. F. L. Broeren and S. N. Hope. 113,504; Feb. 28.
Dispenser, Tax token. W. F. Hebner. 116,136; Aug. 15.
Dispenser. Tooth pick. M. Nicosia. 118,290; Dec. 26.
Dispensing device. W. A. Gabriel. 116,135; Aug. 15.
Dispensing device. R. L. Grannis and P. C. Perrin. 114,100; Apr. 4.
Display and container unit or the like, Combined sausage. O. A. Garson. 118,305; Dec. 26.
Display and stand therefor, Combined earmuff. C. L. Osborn. 115,765; July 18.
Display device and music box, Combined. R. Loewy. 118,164; Dec. 19.
Display figure. C. H. Forbell. 116,527; Sept. 5.
Display plate for automobiles. J. C. Bradley. 117,687; Nov. 21.
Display unit, Handkerchief. S. Loeb. 115,210; June 13.
Divan. T. M. Cross. 113,832; Mar. 21.
Divan and bed, Combined. J. W. Root. 113,147; Jan. 31.
Doily. R. J. and G. A. Hutt. 117,977; Dec. 5.
Doily or similar article. J. S. Madsen. 114,817; May 16.
Doll. A. Apicella. 117,136; Oct. 17.
Doll. S. E. Barrett. 113,213; Feb. 7.
Doll. M. I. Faulkner. 113,965; Mar. 28.
Doll. J. H. Granger. 113,782; Mar. 14.
Doll. E. S. Holden. 115,669; July 11.
Doll. E. A. Huestis. 117,668; Nov. 21.
Doll. O. M. Jay. 116,826; Sept. 26.
Doll. R. Kline. 116,519; Sept. 5.
Doll. E. L. Menger. 117,593; Nov. 14.
Doll. T. Rembrecht. 115,576; July 4.
Doll. F. A. Sherman. 117,880–1; Nov. 28.
Doll. M. C. Smith. 115,768; July 18.
Doll and darning kit, Combined Dinah. J. F. McDonald. 113,234; Feb. 7.
Doll and vanity bag or similar article, Combined. G. V. Menken. 114,404; Apr. 18.
Doll or similar article. H. Bay. 115,020; May 30.
Doll or similar article. C. F. Reighard. 113,238; Feb. 7.
Doll or similar article. S. Willa. 112,972; Jan. 17.
Doll, Soap. F. N. Lewis. 113,329; Feb. 14.
Door for a domestic water heater or the like. C. H. Morrow. 113,993; Mar. 28.
Doorframe. J. E. Druckenmiller. 117,805–6; Nov. 28.
Door plate. L. C. Jones. 118,119; Dec. 19.
Door pull. R. A. Miller. 113,169; Jan. 31.
Door pull. W. F. Vernon. 117,464; Nov. 7.
Door pull or similar article. H. A. Lingard. 116,497; Sept. 5.
Door stop. E. W. Menger. 114,639; May 9.
Door, Swinging glass. S. F. Cox. 115,612; July 11.
Douche-bench. T. Oliver. 117,735; Nov. 21.
Dough divider. H. Van Doren and J. M. Little. 118,271; Dec. 26.
Draft diverter for domestic water heaters or the like. C. H. Morrow. 115,338; June 20.
Drain and cutting block, Combination. G. D. Otis. 114,231–2; Apr. 11.
Drain board and drier cover, Combined. F. A. Conterman. 117,628; Nov. 14.
Drainer and stopper, Combined surface. W. Hillenbach. 115,924; Aug. 1.
Drawer pull. M. E. Sawicki. 117,800; Nov. 28.
Drawer pull or similar article. E. Borchers. 118,009; Dec. 12.
Drawer pull or similar article. J. R. Jones. 114,897; May 23.
Drawers or similar article. I. Dietz. 116,817; Sept. 26.
Drawing instrument, Combination. P. J. Bakallie. 116,007–8; Aug. 8.
Dress. J. Abbate. 113,079; Jan. 24.
Dress. J. Abbate. 116,499–500; Sept. 5.
Dress. J. Abbate. 116,526; Sept. 5.
Dress. J. Abbate. 116,532; Sept. 5.
Dress. L. Abbott. 115,464; June 27.
Dress. M. Alweil. 118,317; Dec. 26.
Dress. V. Amen. 113,176; Jan. 31.
Dress. V. Amen. 113,544; Feb. 28.
Dress. L. Andors. 112,973; Jan. 17.
Dress. L. Andors. 113,156; Jan. 31.
Dress. L. A. Andors. 113,252; Feb. 7.
Dress. S. Aronoff. 114,388; Apr. 18.
Dress. S. Aronoff. 117,465; Nov. 7.
Dress. H. Bayor. 115,887; July 25.
Dress. J. Bensi. 113,799; Mar. 14.
Dress. S. S. Berkowitz. 118,203; Dec. 19.
Dress. A. T. Berman. 114,915; May 23.
Dress. H. Berry. 113,800; Mar. 14.
Dress. H. Berry. 116,111; Aug. 8.
Dress. H. Berry. 116,653; Sept. 12.
Dress. M. Bortniker. 116,770; Sept. 19.
Dress. C. Brand. 117,224; Oct. 17.
Dress. C. Brand. 117,239; Oct. 17.
Dress. E. Breer. 113,179; Jan. 31.
Dress. E. Breer. 116,304–5; Aug. 22.
Dress. E. Breer. 116,501; Sept. 5.
Dress. E. Breer. 116,654; Sept. 12.
Dress. E. Breer. 116,898; Sept. 26.
Dress. E. Breer. 117,314; Oct. 24.
Dress. B. Brenner. 117,020; Oct. 3.
Dress. A. Brody. 115,355–6; June 20.
Dress. E. S. Brown. 115,684; July 11.
Dress. I. Buchholz. 118,202; Dec. 19.
Dress. P. Byrnes. 114,277; Apr. 11.
Dress. P. Byrnes. 115,076; May 30.
Dress. R. Caine. 114,610; May 2.
Dress. R. Caine. 115,024–5; May 30.
Dress. R. Caine. 115,099; June 6.
Dress. J. Chambart. 117,215; Oct. 17.
Dress. J. Chambart. 117,225; Oct. 17.
Dress. E. M. Ciccone. 113,082; Jan. 24.
Dress. A. Cohen. 115,466–7; June 27.
Dress. J. Cohen. 116,771; Sept. 19.
Dress. J. Cohen. 118,223; Dec. 19.
Dress. M. Cohn. 112,806; Jan. 3.
Dress. M. Cohn. 114,420; Apr. 18.
Dress. T. Coleman. 113,180–1; Jan. 31.
Dress. T. Coleman. 113,200–1; Jan. 31.
Dress. T. Coleman. 113,802; Mar. 14.
Dress. T. Coleman. 113,942–3; Mar. 21.
Dress. T. Coleman. 114,421; Apr. 18.
Dress. T. Coleman. 114,423–4; Apr. 18.
Dress. G. Constantine. 117,010; Oct. 3.
Dress. G. Constantine. 117,021; Oct. 3.
Dress. G. Constantine. 118,340–1; Dec. 26.
Dress. P. Corday. 117,514; Nov. 7.
Dress. T. Costanza. 117,411; Oct. 31.
Dress. M. Croizat. 116,502; Sept. 5.
Dress. M. Croizat. 116,899–900; Sept. 26.
Dress. M. Croizat. 117,165–7; Oct. 17.
Dress. M. Croizat. 117,332; Oct. 24.
Dress. M. Croizat. 117,423; Oct. 31.
Dress. M. Croizat. 117,516–17; Nov. 7.
Dress. D. Crystal. 115,359; June 20.
Dress. E. Cutler. 116,113; Aug. 8.
Dress. L. Decker. 113,452; Feb. 21.
Dress. S. De Pasquale. 115,280–1; June 13.
Dress. A. A. Derwin. 113,182; Jan. 31.
Dress. V. D. Draddy. 115,989; Aug. 1.
Dress. A. Engel. 113,454; Feb. 21.
Dress. A. Engel. 113,906 Mar. 21.
Dress. A. Engel. 114,582–3; May 2.
Dress. A. Engel. 114,922–3; May 23.
Dress. A. Engel. 115,889–90; July 25.
Dress. A. Engel. 117,470; Nov. 7.
Dress. A. Engel. 118,333–4; Dec. 26.
Dress. L. Epstein. 114,879; May 16.
Dress. L. Epstein. 115,032; May 30.
Dress. M. Extract. 113,805; Mar. 14.
Dress. M. Extract. 116,772; Sept. 19.
Dress. S. Faden. 113,806–7; Mar. 14.
Dress. S. Faden. 116,642–3; Sept. 12.
Dress. S. Faden. 117,022–4; Oct. 3.
Dress. R. Feintuck. 114,584; May 2.
Dress. R. Feintuck. 114,733; May 9.
Dress. R. Feintuck. 114,939; May 23.
Dress. R. Feintuck. 115,891; July 25.
Dress. R. Feintuck. 115,990; Aug. 1.
Dress. R. Feintuck. 116,475; Sept. 5.
Dress. R. Feintuck. 117,262; Oct. 24.

Dress. J. Fields. 113,809; Mar. 14.
Dress. C. Flusser. 113,455; Feb. 21.
Dress. C. Flusser. 115,105; June 6.
Dress. C. Flusser. 115,166; June 6.
Dress. P. Fracchia. 114,701–10; May 9.
Dress. P. Fracchia. 114,844; May 16.
Dress. P. Fracchia. 114,942–4; May 23.
Dress. P. Fracchia. 114,946; May 23.
Dress. P. Fracchia. 115,034–5; May 30.
Dress. P. Fracchia. 115,089–92; May 30.
Dress. P. Fracchia. 115,106–9; June 6.
Dress. P. Fracchia. 115,264; June 13.
Dress. P. Fracchia. 115,469–76; June 27.
Dress. P. Fracchia. 115,597–9; July 4.
Dress. P. Fracchia. 116,395–9; Aug. 29.
Dress. P. Fracchia. 116,401–4; Aug. 29.
Dress. P. Fracchia. 116,406; Aug. 29.
Dress. P. Fracchia. 116,512–17; Sept. 5.
Dress. P. Fracchia. 116,528–31; Sept. 5.
Dress. P. Fracchia. 116,534–8; Sept. 5.
Dress. P. Fracchia. 116,874; Sept. 26.
Dress. P. Fracchia. 116,977–117,000; Oct. 3.
Dress. P. Fracchia. 117,011–15; Oct. 3.
Dress. P. Fracchia. 117,025–6; Oct. 3.
Dress. P. Fracchia. 117,095; Oct. 10.
Dress. P. Fracchia. 117,218–20; Oct. 17.
Dress. P. Fracchia. 117,227–8; Oct. 17.
Dress. P. Fracchia. 117,412–14; Oct. 31.
Dress. P. Fracchia. 117,503–8; Sept. 5.
Dress. P. Fracchia. 117,510–11; Nov. 7.
Dress. P. Fracchia. 117,520; Nov. 7.
Dress. P. Fracchia. 117,531; Nov. 7.
Dress. P. Fracchia. 117,741–5; Nov. 21.
Dress. P. Fracchia. 117,771; Nov. 21.
Dress. P. Fracchia. 117,785; Nov. 28.
Dress. P. Fracchia. 118,100; Dec. 12.
Dress. P. Fracchia. 118,186–7; Dec. 19.
Dress. C. Frankel. 116,656; Sept. 12.
Dress. B. Fried. 112,902; Jan. 10.
Dress. L. Friend and E. Wieder. 117,647; Nov. 14.
Dress. P. C. Friend. 118,072; Dec. 12.
Dress. T. Fritz. 114,426–7; Apr. 18.
Dress. T. M. Fritz. 112,903; Jan. 10.
Dress. T. M. Fritz. 113,810–11; Mar. 14.
Dress. T. M. Fritz. 114,394; Apr. 18.
Dress. T. M. Fritz. 115,993–5; Aug. 1.
Dress. T. M. Fritz. 116,644; Sept. 12.
Dress. T. M. Fritz. 116,657; Sept. 12.
Dress. T. M. Fritz. 116,763; Sept. 19.
Dress. T. M. Fritz. 117,316; Oct. 24.
Dress. S. E. Frontman. 116,901; Sept. 26.
Dress. S. E. Frontman. 117,119–20; Oct. 10.
Dress. S. E. Frontman. 117,537; Nov. 7.
Dress. M. Frumkin. 115,996; Aug. 1.
Dress. M. Galowitz. 115,037; May 30.
Dress. M. Galowitz. 115,997; Aug. 1.
Dress. M. Galowitz. 118,211; Dec. 19.
Dress. B. Geffen. 116,877; Sept. 26.
Dress. A. Geller. 116,115; Aug. 8.
Dress. I. Gellert. 113,085; Jan. 24.
Dress. R. Ginsburg. 117,990; Dec. 5.
Dress. R. Ginsburg. 117,995–6; Dec. 5.
Dress. E. H. Glover. 116,284; Aug. 22.
Dress. H. Goldman. 114,974; May 23.
Dress. H. Goldman. 115,998; Aug. 1.
Dress. H. Goldman. 116,428; Aug. 29.
Dress. H. Goldman. 116,782; Sept. 19.
Dress. S. J. Goldstein. 116,773–5; Sept. 19.
Dress. M. Goodman. 113,087; Jan. 24.
Dress. F. Grilli. 118,213; Dec. 19.
Dress. I. Hammer. 113,473; Feb. 21.
Dress. D. Haon. 116,764; Sept. 19.
Dress. D. Haon. 117,027; Oct. 3.
Dress. M. Haon. 116,407; Aug. 29.
Dress. M. Haon. 117,121; Oct. 10.
Dress. H. M. Harris. 113,944; Mar. 21.
Dress. H. M. Harris. 114,616; May 2.
Dress. H. M. Harris. 114,813; May 16.
Dress. H. M. Harris. 114,882; May 16.
Dress. H. M. Harris. 115,585; July 4.
Dress. H. M. Harris. 116,776–8; Sept. 19.
Dress. H. M. Harris. 116,783; Sept. 19.
Dress. H. M. Harris. 118,345; Dec. 26.
Dress. L. Harris. 116,660–1; Sept. 12.
Dress. N. Helfman. 113,908; Mar. 21.
Dress. R. Henkin. 114,713; May 9.
Dress H. Herrmann. 113,164; Jan. 31.
Dress. H. Herrmann. 114,148; Apr. 4.
Dress. H. Herrmann. 114,281; Apr. 11.
Dress. G. P. Hirsh. 116,662; Sept. 12.
Dress. L. Hoshafian. 116,663; Sept. 12.
Dress. L. Hoshafian. 117,028; Oct. 3.
Dress. M. Hyman. 115,600; July 4.
Dress. E. Jocell. 113,186; Jan. 31.
Dress. E. Jocell. 114,041; Mar. 28.
Dress. N. Kaback. 117,429; Oct. 31.
Dress. N. Kaback. 117,751; Nov. 21.
Dress. B. C. Kalish. 113,166; Jan. 31.
Dress. L. L. Kashine. 117,538; Nov. 7.
Dress. L. L. Kashine. 117,635; Nov. 14.
Dress. L. Katz. 114,504; Apr. 25.
Dress. L. Katz. 117,248–9; Oct. 17.
Dress. L. Katz. 118,337; Dec. 26.
Dress. M. Kaufman. 113,089; Jan. 24.
Dress. B. Kessler. 113,475; Feb. 21.
Dress. B. Kessler. 118,215; Dec. 19.
Dress. B. Kessler. 118,347–8; Dec. 26.
Dress. D. Klein. 114,714; May 9.
Dress. D. Klein. 114,734; May 9.
Dress. D. Klein. 114,898; May 23.
Dress. D. Klein. 116,957; Oct. 3.
Dress. G. Klein. 113,090; Jan. 24.
Dress. R. E. Knapp. 116,120–1; Aug. 8.
Dress. R. E. Knapp. 117,230; Oct. 17.
Dress. M. Korshak. 117,539–40; Nov. 7.
Dress. L. Kushman. 117,979; Dec. 5.
Dress. L. Kushman. 118,349; Dec. 26.
Dress. J. J. Kushner. 116,309; Aug. 22.
Dress. I. Lampel. 112,911; Jan. 10.
Dress. I. Lampel. 114,285; Apr. 11.
Dress. I. Lampel. 116,521; Sept. 5.
Dress. H. Lentini. 113,476; Feb. 21.
Dress. H. Lentini. 116,780–1; Sept. 19.
Dress. H. Lentini. 116,902–4; Sept. 26.
Dress. H. Lentini. 117,649; Nov. 14.
Dress. H. Lentini. 117,882; Nov. 28.
Dress. J. Levay. 113,815; Mar. 14.
Dress. M. M. Levine. 117,773–4; Nov. 21.
Dress. J. Lipof. 113,568; Feb. 28.
Dress. B. Machanoff. 116,883; Sept. 26.
Dress. B. Machanoff. 117,006–7; Oct. 3.
Dress. A. Magesis. 113,569; Feb. 28.
Dress. S. Mahler. 118,000–1; Dec. 5.
Dress. A. Maidman. 113,816; Mar. 14.
Dress. A. Maidman. 116,409; Aug. 29.
Dress. A. Maidman. 116,411; Aug. 29.
Dress. A. Maidman. 116,905–6; Sept. 26.
Dress. A. Maidman. 117,319; Oct. 24.
Dress. V. S. Mandler. 116,347–8; Aug. 29.
Dress. M. V. Mascitelli. 114,736; May 9.
Dress. C. G. Mascitelli. 116,959; Oct. 3.
Dress. M. V. Mascitelli. 116,960–1; Oct. 3.
Dress. M. V. Mascitelli. 117,250; Oct. 17.
Dress. M. Massow. 114,042; Mar. 28.
Dress. M. Massow. 114,288–90; Apr. 11.
Dress. M. Massow. 114,292; Apr. 11.
Dress. M. Massow. 114,495; Apr. 25.
Dress. M. Massow. 114,715; May 9.
Dress. M. Massow. 114,861; May 16.
Dress. M. Massow. 114,874; May 16.
Dress. M. Massow. 114,885; May 16.
Dress. H. May. 114,959; May 23.
Dress. H. May. 116,962; Oct. 3.
Dress. M. N. Mayehoff. 115,601; July 4.
Dress. C. Mazola. 117,884; Nov. 28.
Dress. H. Meisler. 115,094–5; May 30.
Dress. H. Meisler. 115,267; June 13.
Dress. M. Michelson. 113,695; Mar. 7.
Dress. M. Michelson. 113,873; Mar. 21.
Dress. M. Michelson. 114,428–9; Apr. 18.
Dress. M. Michelson. 114,737; May 9.
Dress. M. Michelson. 117,525; Nov. 7.
Dress. S. Novak. 117,527; Nov. 7.
Dress. D. Novick. 114,496; Apr. 25.
Dress. D. Novick. 115,269; June 13.
Dress. J. Parnis. 113,915; Mar. 21.
Dress. F. Perlberg. 118,094; Dec. 12.
Dress J. Perullo. 113,187; Jan. 31.
Dress. G. J. Pollack. 115,999; Aug. 1.
Dress. S. J. Poster. 113,279; Feb. 7.
Dress. S. J. Poster. 116,116; Aug. 8.
Dress. S. J. Poster. 116,311; Aug. 22.
Dress. M. Preller. 113,480; Feb. 21.
Dress. H. Presser. 114,156; Apr. 4.
Dress. D. W. Price. 113,209; Jan. 31.
Dress. D. W. Price. 113,280–1; Feb. 7.
Dress. D. W. Price. 113,683; Mar. 7.
Dress. D. W. Price. 114,032; Mar. 28.
Dress. D. W. Price. 116,312; Aug. 22.
Dress. D. W. Price. 116,331; Aug. 22.
Dress. D. W. Price. 116,665–7; Sept. 12.
Dress. D. W. Price. 117,528–9; Nov. 7.
Dress. D. W. Price. 117,002; Oct. 3.
Dress. D. W. Price. 117,017; Oct. 3.
Dress. D. W. Price. 117,432; Oct. 31.
Dress. M. Richter. 115,050; May 30.
Dress. M. Richter. 117,233; Oct. 17.
Dress. A. Rinaldi. 118,350; Dec. 26.
Dress. L. G. Rizsak. 116,207; Aug. 15.
Dress. L. G. Rizsak. 116,481; Sept. 5.
Dress. H. Roher. 116,668–70; Sept. 12.
Dress. H. Roher. 117,512; Nov. 7.
Dress. N. Rolfe. 114,966; May 23.
Dress. N. Rolfe. 116,886; Sept. 26.
Dress. F. L. Rose. 117,195; Oct. 17.
Dress. F. L. Rose. 117,542; Nov. 7.
Dress. S. Rosen. 117,758–9; Nov. 21.
Dress. J. Rosener. 116,000; Aug. 1.
Dress. J. Rosener. 117,982; Dec. 5.
Dress. J. Rosener. 118,173; Dec. 19.
Dress. J. Rosener. 118,338; Dec. 26.
Dress. K. Rost. 113,173; Jan. 31.
Dress. K. Rost. 113,818–20; Mar. 14.
Dress. K. Rost. 114,161; Apr. 4.
Dress. K. Rost. 116,001; Aug. 1.
Dress. K. Rost. 116,117; Aug. 8.
Dress. K. Rost. 116,414; Aug. 29.
Dress. K. Rost. 117,029; Oct. 3.

Dress. K. Rost. 117,543–4; Nov. 7.
Dress. K. Rost. 117,650; Nov. 14.
Dress. K. Rost. 117,993; Dec. 5.
Dress. K. Rost. 118,095–6; Dec. 12.
Dress. K. Rost. 118,102; Dec. 12.
Dress. B. S. Roth. 116,415; Aug. 29.
Dress. I. Roth. 113,821–2; Mar. 14.
Dress. I. Roth. 117,651; Nov. 14.
Dress. J. Roth. 115,174–6; June 6.
Dress. J. Roth. 115,183; June 6.
Dress. J. Roth. 115,270–1; June 13.
Dress. D. Rothstein. 117,321; Oct. 24.
Dress. A. Ruchman. 113,189–90; Jan. 31.
Dress. A. Ruchman. 113,288–9; Feb. 7.
Dress. A. Ruchman. 113,823; Mar. 14.
Dress. A. Ruchman. 113,916–20; Mar. 21.
Dress. A. Ruchman. 114,498; Apr. 25.
Dress. A. Ruchman. 115,825; July 18.
Dress. A. Ruchman. 116,125; Aug. 8.
Dress. A. Ruchman. 117,030; Oct. 3.
Dress. S. Ruchman. 116,766; Sept. 19.
Dress. S. Ruchman. 117,652–3; Nov. 14.
Dress. M. Z. Russell. 115,898; July 25.
Dress. J. Scharlott. 114,738; May 9.
Dress. E. Schetagne. 117,654; Nov. 14.
Dress. P. Schlessel. 116,118; Aug. 8.
Dress. P. Schlessel. 116,808; Sept. 26.
Dress. P. Schlessel. 117,434; Oct. 31.
Dress. C. Schmerler. 118,352–4; Dec. 26.
Dress. R. Schoen. 113,292; Feb. 7.
Dress. M. G. Schor. 116,435; Aug. 29.
Dress. H. Schultz. 113,192; Jan. 31.
Dress. D. Schwartz. 114,045; Mar. 28.
Dress. J. Schwartz. 118,103; Dec. 12.
Dress. M. Schwartz. 117,031; Oct. 3.
Dress. N. R. Schwartz. 116,889–90; Sept. 26.
Dress. B. Shapiro. 115,483; June 27.
Dress. B. Shapiro. 116,126; Aug. 8.
Dress. B. Shapiro. 116,671; Sept. 12.
Dress. M. J. Shapiro. 116,523; Sept. 5.
Dress. M. J. Shapiro. 117,199; Oct. 17.
Dress. M. J. Shapiro. 117,338; Oct. 24.
Dress. B. Sheer. 118,217; Dec. 19.
Dress. E. Shell. 113,947; Mar. 21.
Dress. H. C. Shelton. 113,193; Jan. 31.
Dress. H. C. Shelton. 113,950–1; Mar. 21.
Dress. H. C. Shelton. 114,430–1; Apr. 18.
Dress. H. Shull. 116,208; Aug. 15.
Dress. H. Shull. 116,485; Sept. 5.
Dress. H. Shull. 116,524; Sept. 5.
Dress. H. Shull. 116,966; Oct. 3.
Dress. H. Shull. 116,994; Oct. 3.
Dress. J. Siegel. 117,655; Nov. 14.
Dress. S. Siegel. 117,234; Oct. 17.
Dress. A. L. Siverts. 116,417; Aug. 29.
Dress. A. L. Siverts. 116,648–50; Sept. 12.
Dress. A. L. Siverts. 116,672; Sept. 12.
Dress. W. Skolnick. 116,892; Sept. 26.
Dress. W. Skolnick. 116,896; Sept. 26.
Dress. W. Skolnick. 117,129; Oct. 10.
Dress. W. Skolnick. 117,323; Oct. 24.
Dress. W. Skolnick. 118,002; Dec. 5.
Dress. W. Skolnick. 118,189; Dec. 19.
Dress. W. Slepin. 113,367–8; Feb. 14.
Dress. H. Solomon. 112,915–6; Jan. 10.
Dress. S. Sperling. 113,579; Feb. 28.
Dress. E. Staber. 115,694; July 11.
Dress. M. Stein. 117,200–2; Oct. 17.
Dress. M. Stein. 117,222–3; Oct. 17.
Dress. M. Stein. 117,657; Nov. 14.
Dress. M. Stein. 117,886; Nov. 28.
Dress. I. Steinlauf. 113,580; Feb. 28.
Dress. J. M. Sterngold. 114,725–9; May 9.
Dress. J. M. Sterngold. 114,875–6; May 16.
Dress. J. M. Sterngold. 115,363; June 20.
Dress. J. M. Sterngold. 115,485; June 27.
Dress. J. Stolkin. 118,323; Dec. 26.
Dress. M. Stone. 114,301–2; Apr. 11.
Dress. M. Stone. 114,604; May 2.
Dress. M. Stone. 114,730; May 9.
Dress. M. Stone. 114,739; May 9.
Dress. M. Stone. 114,910; May 23.
Dress. M. Stone. 115,364; June 20.
Dress. M. Stone. 116,002–3; Aug. 1.
Dress. M. Stone. 117,203; Oct. 17.
Dress. M. Stone. 117,344; Oct. 24.
Dress. M. Stone. 117,385; Oct. 31.
Dress. F. Sussman. 116,419; Aug. 29.
Dress. F. Sussman. 117,801; Nov. 28.
Dress. A. Swartz. 116,673; Sept. 12.
Dress. M. Tint. 117,887–90; Nov. 28.
Dress. M. Tint. 118,005; Dec. 5.
Dress. M. S. Tint. 114,418–19; Apr. 18.
Dress. V. Tomshinsky. 115,096; May 30.
Dress. V. Tomshinsky. 116,768–9; Sept. 19.
Dress. V. Tomshinsky. 117,132–3; Oct. 10.
Dress. F. Toran. 116,437; Aug. 29.
Dress. F. Toran. 117,324; Oct. 24.
Dress. P. Valenti. 112,820; Jan. 3.
Dress. M. Verrand. 117,135; Oct. 10.
Dress. M. E. Ward. 116,759; Sept. 19.
Dress. I. Weber. 117,658; Nov. 14.
Dress. B. Weinstein. 117,891; Nov. 28.
Dress. S. Wellins. 118,314–15; Dec. 26.
Dress. S. Wicha. 114,971; May 23.
Dress. S. Windwer. 114,607; May 2.
Dress. A. Wughalter. 118,104; Dec. 12.
Dress. P. Zahn. 116,303; Aug. 22.
Dress. P. Zahn. 116,424; Aug. 29.
Dress. P. Zahn. 116,652; Sept. 12.
Dress. S. Zahn. 116,423; Aug. 29.
Dress. S. Zahn. 118,222; Dec. 19.
Dress. H. Zinn. 112,918; Jan. 10.
Dress. H. Zinn. 113,100–1; Jan. 24.
Dress and slip ensemble. P. Byrnes. 114,627; May 2.
Dress and slip ensemble. A. Engel. 114,131; Apr. 4.
Dress and slip ensemble. M. Michelson. 114,134; Apr. 4.
Dress and slip ensemble. M. V. Mascitelli. 114,958; May 23.
Dress, Child's. F. J. Eppolito. 117,217; Oct. 17.
Dress, Child's. A. Houston. 117,005; Oct. 3.
Dress, Combination. H. Lentini. 113,674; Mar. 7.
Dress, Combination. A. Naubert. 113,478; Feb. 21.
Dress, Combined evening and street. S. Fusco. 117,439; Oct. 31.
Dress, Convertible gilet. O. Zeretzky. 117,236; Oct. 17.
Dress ensemble. C. Andre-Ani. 114,581; May 2.
Dress ensemble. M. Backus. 115,282; June 13.
Dress ensemble. D. Beilinson. 115,583; July 4.
Dress ensemble. S. S. Berkowitz. 118,204; Dec. 19.
Dress ensemble. E. Breer. 112,975; Jan. 17.
Dress ensemble. E. Breer. 113,548; Feb. 28.
Dress ensemble. E. Breer. 116,306; Aug. 22.
Dress ensemble. E. Breer. 117,315; Oct. 24.
Dress ensemble. E. Breer. 117,328; Oct. 24.
Dress ensemble. A. Brody. 115,357; June 20.
Dress ensemble. I. Buchholz. 118,066–8; Dec. 12.
Dress ensemble. P. Byrnes. 114,840; May 16.
Dress ensemble. P. Cancellare. 114,391; Apr. 18.
Dress ensemble. E. M. Ciccone. 113,801; Mar. 14.
Dress ensemble. A. Cohen. 115,468; June 27.
Dress ensemble. T. Coleman. 113,803; Mar. 14.
Dress ensemble. T. Coleman. 114,422; Apr. 18.
Dress ensemble. T. Coleman. 114,697; May 9.
Dress ensemble. T. Coleman. 115,263; June 13.
Dress ensemble. G. Constantine. 114,038; Mar. 28.
Dress ensemble. P. Corday. 117,629; Nov. 14.
Dress ensemble. M. Croizat. 118,209–10; Dec. 19.
Dress ensemble. S. De Pasquale. 116,757; Sept.19.
Dress ensemble. A. Engel. 115,888; July 25.
Dress ensemble. A. Engel. 116,283; Aug. 22.
Dress ensemble. A. Engel. 117,261; Oct. 24.
Dress ensemble. A. Engel. 117,592; Nov. 14.
Dress ensemble. A. Engel. 117,875; Nov. 28.
Dress ensemble. A. Engel. 118,343; Dec. 26.
Dress ensemble. L. Epstein. 114,878; May 16.
Dress ensemble. S. Etkin. 113,662; Mar. 7.
Dress ensemble. S. Etkin. 113,804; Mar. 14.
Dress ensemble. S. Etkin. 114,039; Mar. 28.
Dress ensemble. S. Faden. 113,808; Mar. 14.
Dress ensemble. R. Feintuck. 114,940; May 23.
Dress ensemble. R. Feintuck. 117,729; Nov. 21.
Dress ensemble. C. Flusser. 114,700; May 9.
Dress ensemble. P. Fracchia. 114,945; May 23.
Dress ensemble. P. Fracchia. 116,400; Aug. 29.
Dress ensemble. P. Fracchia. 116,405; Aug. 29.
Dress ensemble. T. Fritz. 113,812; Mar. 14.
Dress ensemble. S. E. Frontman. 114,040; Mar. 28.
Dress ensemble. S. E. Frontman. 114,279; Apr. 11.
Dress ensemble. B. Geffen. 118,212; Dec. 19.
Dress ensemble. R. Ginsburg. 117,991; Dec. 5.
Dress, Ensemble. L. Glick. 116,210; Aug. 15.
Dress ensemble. H. Goldman. 117,040; Oct. 10.
Dress ensemble. Y. Gourfain. 113,813; Mar. 14.
Dress ensemble. I. Grobstein. 114,711; May 9.
Dress ensemble. R. Haon. 116,285; Aug. 22.
Dress ensemble. H. M. Harris. 114,881; May 16.
Dress ensemble. P. Heit. 118,346; Dec. 26.
Dress ensemble. H. Honig. 113,561; Feb. 28.
Dress ensemble. L. Jacobson. 114,589–90; May 2
Dress ensemble. L. L. Kashine. 114,591; May 2.
Dress ensemble. L. Katz. 114,505–6; Apr. 25.
Dress ensemble. L. Katz. 115,360; June 20.
Dress ensemble. J. Kay. 116,518; Sept. 5.
Dress ensemble. A. J. Key. 117,832; Nov. 28.
Dress ensemble. D. Klein. 114,284; Apr. 11.
Dress ensemble. L. Kline. 118,188; Dec. 19.
Dress ensemble. S. Kuznetz. 113,564–5; Feb. 28.
Dress ensemble. S. Kuznetz. 116,122–3; Aug. 8.
Dress ensemble. S. Kuznetz. 116,408; Aug. 29.
Dress ensemble. S. Kuznetz. 116,645; Sept. 12.
Dress ensemble. S. Kuznetz. 117,648; Nov. 14.
Dress ensemble. I. Lampel. 113,673; Mar. 7.
Dress ensemble. H. Lentini. 113,477; Feb. 21.
Dress ensemble. H. Lentini. 114,286; Apr. 11.
Dress ensemble. H. Lentini. 114,595; May 2.
Dress ensemble. A. Maidman. 116,410; Aug. 29.
Dress ensemble. A. Maidman. 117,541; Nov. 7.
Dress ensemble. C. Mascitelli. 117,480; Nov. 7.
Dress ensemble. M. Mascitelli. 117,481; Nov. 7.
Dress ensemble. M. V. Mascitelli. 117,284; Oct. 24.
Dress ensemble. M. Massow. 114,287; Apr. 11.
Dress ensemble. M. Massow. 114,291; Apr. 11.
Dress ensemble. M. Massow. 114,293; Apr. 11.
Dress ensemble. M. Massow. 114,403; Apr. 18.
Dress ensemble. M. Massow. 114,862; May 16.
Dress ensemble. M. Massow. 114,872–3; May 16.
Dress ensemble. C. Mazola. 112,980; Jan. 17.
Dress ensemble. C. Mazola. 117,883; Nov. 28.

Dress ensemble. M. Michelson. 113,274; Feb. 7.
Dress ensemble. M. Michelson. 114,507; Apr. 25.
Dress ensemble. M. Moore. 116,433; Aug. 29.
Dress ensemble. S. Novak. 116,124; Aug. 8.
Dress ensemble. S. Novak. 117,125; Oct. 10.
Dress ensemble. S. Novak. 117,320; Oct. 24.
Dress ensemble. F. Perlberg. 117,877; Nov. 28.
Dress ensemble. E. N. Perper. 118,101; Dec. 12.
Dress ensemble. H. Presser. 114,155; Apr. 4.
Dress ensemble. H. Presser. 114,157–8; Apr. 4.
Dress ensemble. H. Presser. 114,599–600; May 2.
Dress ensemble. M. R. Richardson and E. Staber. 114,159; Apr. 4.
Dress ensemble. M. R. Richardson and E. Staber. 114,964; May 23.
Dress ensemble. L. G. Rizsak. 116,313; Aug. 22.
Dress ensemble. H. Roher. 116,315; Aug. 22.
Dress ensemble. E. Rosenberg. 114,160; Apr. 4.
Dress ensemble. P. Schlessel. 113,291; Feb. 7.
Dress ensemble. P. Schlessel. 117,435; Oct. 31.
Dress ensemble. H. Schull. 116,486; Sept. 5.
Dress ensemble. H. Shull. 117,488; Nov. 7.
Dress ensemble. H. Shull. 117,503; Nov. 7.
Dress ensemble. A. Schwartz. 113,481; Feb. 21.
Dress ensemble. A. Schwartz. 113,686; Mar. 7.
Dress ensemble. A. H. Schwartz. 114,044; Mar. 28.
Dress ensemble. A. H. Schwartz. 114,145; Apr. 4.
Dress ensemble. H. C. Shelton. 113,948–9; Mar. 21.
Dress ensemble. A. L. Siverts. 116,418; Aug. 29.
Dress, Ensemble. S. Weill. 114,036–7; Mar. 28.
Dress, Ensemble. S. Weill. 114,838; May 16.
Dress ensemble. S. Wellins. 118,327–8; Dec. 26.
Dress, Golf. F. E. Johnson. 117,885; Nov. 28.
Dress, House. E. W. Turner. 114,048; Mar. 28.
Dress or similar article. M. S. Brown. 115,258; June 13.
Dress or similar article. M. S. Brown. 115,260; June 13.
Dress or similar article. L. Heims. 113,163; Jan. 31.
Dress or similar article. L. Heims and M. Ellenbogen. 113,474; Feb. 21.
Dress or similar article. J. L. Honig. 117,750; Nov. 21.
Dress or similar article. L. B. Starr and S. E. Badanes. 115,277; June 13.
Dress or similar article, Ensemble. M. S. Brown. 115,257; June 13.
Dress or similar article, Ensemble. M. S. Brown. 115,259; June 13.
Dress pajama, Dinner. A. H. Morris. 113,464; Feb. 21.
Dress, Reversible. H. Lentini. 117,099; Oct. 10.
Dress, Reversible front uniform. A. B. Dickey. 113,552; Feb. 28.
Dress uniform. A. M. Berger. 117,313; Oct. 24.
Dress, Uniform. D. Jacobs. 115,892–3; July 25.
Dress uniform. D. Jacobs. 117,318; Oct. 24.
Dress, Uniform. V. A. Levy. 115,117; June 6.
Dresser cabinet or similar article, Combination bathroom. C. S. Amis. 117,778; Nov. 28.
Drier, Manicure. F. Von. 113,643; Mar. 7.
Drier or similar article, Hair. E. Arens. 117,942; Dec. 5.
Drill, Electric hammer. J. J. Roberts. 117,112; Oct. 10.
Drill press head and motor, Combined. L. S. Stump. 113,369; Feb. 14.
Drive unit for conveyers or the like, Pivotal. S. I. Bousman. 114,575; May 2.
Drive unit for use with hand cutting tools, Electric power. R. B. Pealer. 117,981; Dec. 5.
Drive unit for use with hand tools, Power. R. B. Pealer. 115,318; June 20.
Duplicating machine. W. A. Kropp. 116,936; Oct. 3.
Duplicating machine, Rotary. W. A. Kropp. 112,838; Jan. 3.
Dust collecting apparatus. E. A. Failmezger. 117,972; Dec. 5.
Dust remover. C. F. Smith. 112,796; Jan. 3.
Dwelling. O. M. Summers. 116,247; Aug. 22.
Dwelling. F. L. Wright. 114,204; Apr. 11.
Earring or similar article. A. Philippe. 115,293; June 20.
Earring or similar article. A. Philippe. 115,422; June 27.
Educational instrument. F. H. Broome. 113,780; Mar. 14.
Elastic fabric. O. E. Huber. 117,064–5; Oct. 10.
Elastic fabric. K. Kaak. 117,066; Oct. 10.
Electric contact device. E. C. Ryan. 114,239; Apr. 11.
Electric control panelboard unit. W. H. Frank. 113,663; Mar. 7.
Electrical control unit. M. H. Frisbie. 114,117; Apr. 4.
Electrician's test set. A. J. Heidt. 116,329; Aug. 22.
Emblem or similar article, Automobile. G. F. Kerr. 113,387; Feb. 21.
Engine, Miniature airplane. I. G. Ohlsson and H. T. Rice. 116,981; Oct. 3.
Ensemble, Dress. C. Mascitelli. 116,980; Oct. 3.
Ensemble, Dress. S. Novak. 117,016; Oct. 3.
Envelope. G. W. Hunter. 116,824; Sept. 26.
Envelope-moistener or the like. A. P. Krueger. 115,869; July 25.
Envelope or similar package, Multiple. L. L. Salfisberg. 113,440; Feb. 21.
Envelope or similar package, Multiple. L. L. Salfisberg. 115,526; July 4.
Eraser. J. A. Frye. 116,447; Sept. 5.
Eraser and pencil tip, Combined. D. B. Shannon. 113,977; Mar. 28.
Escutcheon and handle, Combined. J. O. Reinecke. 113,399; Feb. 21.
Escutcheon plate. R. G. Fordyce. 113,557; Feb. 28.
Exhaust extension. W. H. Johnsen. 114,119; Apr. 4.
Exhibitor, Changeable. G. A. Gast. 113,162; Jan. 31.
Exhibitor, Changeable. J. I. Robin. 117,149; Oct. 17.
Extractor, Fruit juice. J. F. Barnes, and J. O. Reinecke. 115,487; July 4.
Extractor or the like, Fruit juice. R. Zurawin. 115,885; July 25.
Eye goggle frame. R. Simon. 114,800; May 16.
Fabric, Elastic. K. Kaak. 115,713–6; July 11.
Fabric, Elastic textile. H. Barr. 113,901; Mar. 21.
Fabric, Embroidered textile. J. Nachman. 117,311; Oct. 24.
Fabric, Embroidered textile. H. A. Rohtman. 115,812–13; July 18.
Fabric, Embroidered textile. H. Tobler. 114,001–3; Mar. 28.
Fabric for draperies, Textile. M. Sadinoff. 116,832; Sept. 26.
Fabric for shoe uppers. H. Aull. 114,146; Apr. 4.
Fabric for upholstery, Textile. E. F. Leonhardt. 115,093; May 30.
Fabric, Knitted. J. Minoff. 116,451; Sept. 5.
Fabric, Knitted. J. Minoff. 118,126; Dec. 19.
Fabric, Knitted. J. Minoff. 118,216; Dec. 19.
Fabric, Knitted. J. Minoff. 118,242; Dec. 26.
Fabric, Knitted. D. Siegel. 113,612; Feb. 28.
Fabric or article of similar nature, Braided. E. Hansmann. 116,367; Aug. 29.
Fabric or similar article, Curtain. M. Poley. 113,641; Mar. 7.
Fabric or similar article, Elastic. H. Aull. 114,305; Apr. 11.
Fabric or similar article, Embroidered. E. W. Freudenberg. 117,352–64; Oct. 31.
Fabric or similar article, Embroidered net. J. Gottreich. 115,442; June 27.
Fabric or similar article, Embroidered textile. G. Canelstein. 113,130; Jan. 31.
Fabric or similar article, Embroidered textile. E. W. Freudenberg. 117,472; Nov. 7.
Fabric or similar article, Embroidered textile. E. W. Freudenberg. 117,829; Nov. 28.
Fabric or similar article, Embroidered textile. E. W. Freudenberg. 117,867; Nov. 28.
Fabric or similar article, Embroidered textile. E. W. Freudenberg. 117,921; Dec. 5.
Fabric or similar article, Embroidered textile. M. Leff. 114,399–400; Apr. 18.
Fabric or similar article, Embroidered textile. M. Leff. 114,594; May 2.
Fabric or similar article, Embroidered textile. D. Rubenberg. 115,079–81; May 30.
Fabric or similar article, Knit. A. Kaplan. 113,386; Feb. 21.
Fabric or similar article of manufacture, Textile. A. Lang. 114,977–8; May 23.
Fabric or similar article, Pile. J. G. Todd. 113,295; Feb. 7.
Fabric or similar article, Printed. R. Berger. 114,515; Apr. 25.
Fabric or similar article, Printed textile. R. Berger. 114,515; Apr. 25.
Fabric or similar article, Smocked textile. H. S. Sadler. 113,210; Jan. 31.
Fabric or similar article, Textile. B. H. Barth. 114,389; Apr. 18.
Fabric or similar article, Textile. E. P. Bixer. 113,254; Feb. 7.
Fabric or similar article, Textile. E. P. Bixer. 113,256; Feb. 7.
Fabric or similar article, Textile. E. P. Bixer. 114,916; May 23.
Fabric or similar article, Textile. E. P. Bixer. 115,075; May 30.
Fabric or similar article, Textile. E. P. Bixer. 115,465; June 27.
Fabric or similar article, Textile. E. P. Bixer. 115,976; Aug. 1.
Fabric or similar article, Textile. G. Bizet. 113,178; Jan. 31.
Fabric or similar article, Textile. L. H. Brewster. 114,500; Apr. 25.
Fabric or similar article, Textile. L. H. Brewster. 116,760; Sept. 19.
Fabric or similar article, Textile. G. Canelstein. 118,339; Dec. 26.
Fabric or similar article, Textile. M. Christen. 113,954; Mar. 21.
Fabric or similar article, Textile. M. Christen. 116,104; Aug. 8.
Fabric or similar article, Textile. M. Doft. 112,824; Jan. 3.
Fabric or similar article, Textile. A. Domen. 118,037; Dec. 12.
Fabric or similar article, Textile. C. Dondo. 113,135; Jan. 31.
Fabric or similar article, Textile. C. Dondo. 114,740; May 9.
Fabric or similar article, Textile. R. E. Fatherley. 117,866; Nov. 28.

Fabric or similar article, Textile. I. H. Fishlove. 114,133; Apr. 4.
Fabric or similar article, Textile. R. Frick. 116,842; Sept. 26.
Fabric or similar article, Textile. M. Ginson. 113,362; Feb. 14.
Fabric or similar article, Textile. B. Gordon. 117,618; Nov. 14.
Fabric or similar article, Textile. O. M. Gottesman. 114,811; May 16.
Fabric or similar article, Textile. A. Hafner. 116,659; Sept. 12.
Fabric or similar article, Textile. P. Kwestel. 117,122; Oct. 10.
Fabric or similar article, Textile. F. Matarrese. 115,447; June 27.
Fabric or similar article, Textile. F. W. Mostertz. 117,191; Oct. 17.
Fabric or similar article, Textile. E. Quackenbush. 114,387; Apr. 18.
Fabric or similar article, Textile. C. Rosenstein. 115,596; July 4.
Fabric or similar article, Textile. C. Rosenstein. 116,887–8; Sept. 26.
Fabric or similar article, Textile. M. Sigoda. 116,385–8; Aug. 29.
Fabric or similar article, Textile. S. Singer. 114,523; Apr. 25.
Fabric or similar article, Textile. H. Sluizer. 114,255; Apr. 11.
Fabric or similar article, Textile. B. B. Spatz. 118,190; Dec. 19.
Fabric or similar article, Textile. M. A. Szach. 114,379; Apr. 18.
Fabric or similar article, Textile. M. Turpan. 112,979; Jan. 17.
Fabric or similar article, Textile. M. Turpan. 113,054; Jan. 24.
Fabric or similar article, Textile. M. Turpan. 113,151–3; Jan. 31.
Fabric or similar article, Textile. M. Turpan. 113,923; Mar. 21.
Fabric or similar article, Textile. M. Turpan. 114,049; Mar. 28.
Fabric or similar article, Textile. M. Turpan. 114,311–12; Apr. 11.
Fabric or similar article, Textile. M. Turpan. 114,354; Apr. 18.
Fabric or similar article, Textile. M. Turpan. 114,605; May 2.
Fabric or similar article, Textile. M. Turpan. 114,836–7; May 16.
Fabric or similar article, Textile. M. Turpan. 114,852; May 16.
Fabric or similar article, Textile. M. Turpan. 115,452–4; June 27.
Fabric or similar article, Textile. M. Turpan. 116,101; Aug. 8.
Fabric or similar article, Textile. M. Turpan. 116,119; Aug. 8.
Fabric or similar article, Textile. M. Turpan. 116,129; Aug. 8.
Fabric or similar article, Textile. M. Turpan. 116,420–1; Aug. 29.
Fabric or similar article, Textile. M. Turpan. 116,641; Sept. 12.
Fabric or similar article, Textile. M. Turpan. 116,674; Sept. 12.
Fabric or similar article, Textile. M. Turpan. 116,893–5; Sept. 26.
Fabric or similar article, Textile. M. Turpan. 117,018; Oct. 3.
Fabric or similar article, Textile. M. Turpan. 117,156–7; Oct. 17.
Fabric or similar article, Textile. M. Turpan. 118,355–6; Dec. 26.
Fabric or similar article, Textile. A. Von Eisenbarth. 114,356; Apr. 18.
Fabric or similar article, Textile. G. Waugh. 113,827–8; Mar. 14.
Fabric or similar article, Textile. G. Waugh. 114,163; Apr. 4.
Fabric or similar article, Textile. D. A. Wechsler. 118,325–6; Dec. 26.
Fabric or similar article, Textile. D. A. Wechsler. 118,357; Dec. 26.
Fabric or similar article, Textile. R. Weiss. 117,644; Nov. 14.
Fabric or similar article, Textile. N. L. Wershing. 117,410; Oct. 31.
Fabric or similar article, Textile. A. Zavell. 115,187–8; June 6.
Fabric or similar article, Textile. A. Zavell. 115,982; Aug. 1.
Fabric or similar article, Textile. A. Zavell. 116,102; Aug. 8.
Fabric or similar article, Textile. A. Zavell. 116,199–203; Aug. 15.
Fabric or similar article, Textile. A. Zavell. 116,355; Aug. 29.
Fabric or similar article, Textile. A. Zavell. 116,391; Aug. 29.
Fabric or similar article, Woven textile. A. Fluegelman. 117,631; Nov. 14.
Fabric or similar article, Woven textile. B. Gordon. 117,749; Nov. 21.
Fabric, Puffed and embroidered textile. M. B. Kaplan. 117,974; Dec. 5.
Fabric, Ribbon. I. B. Simon. 118,097; Dec. 12.
Fabric, Textile. J. Alexander. 112,898; Jan. 10.
Fabric, Textile. W. H. Baum. 116,487–8; Sept. 5.
Fabric, Textile. M. Beckendorf. 115,440; June 27.
Fabric, Textile. F. F. Berlinger. 113,619; Mar. 7.
Fabric, Textile. L. J. Brenner. 113,779; Mar. 14.
Fabric, Textile. L. Bry. 115,261–2; June 13.
Fabric,Textile. L. Bry. 115,488; July 4.
Fabric, Textile. L. Bry. 115,723–4; July 11.
Fabric, Textile. L. Bry. 116,327; Aug. 22.
Fabric, Textile. L. Bry. 116,489; Sept. 5.
Fabric, Textile. L. Bry. 116,735; Sept. 19.
Fabric, Textile. H. J. Carragher and T. B. Wilson. 113,825; Mar. 14.
Fabric, Textile. H. J. Carragher and T. B. Wilson. 117,086–90; Oct. 10.
Fabric, Textile. H. J. Carragher and T. B. Wilson. 118,205–7; Dec. 19.
Fabric, Textile. M. K. Cramer. 116,737–8; Sept. 19.
Fabric, Textile. A. De Gerard. 113,132; Jan. 31.
Fabric, Textile. T. Emmerich. 114,615; May 2.
Fabric, Textile. T. Emmerich. 115,978; Aug. 1.
Fabric, Textile. E. L. Espen. 117,037; Oct. 10.
Fabric, Textile. E. L. Espen. 117,613; Nov. 14.
Fabric, Textile. D. W. Farnsworth. 115,490; July 4.
Fabric, Textile. L. B. Fisch. 115,718; July 11.
Fabric, Textile. J. R. Flather. 113,781; Mar. 14.
Fabric, Textile. R. Flatow. 113,955; Mar. 21.
Fabric, Textile. R. Flatow. 113,986; Mar. 28.
Fabric, Textile. C. E. Forstmann. 115,372–4; June 20.
Fabric, Textile. C. E. Forstmann. 115,984; Aug. 1.
Fabric, Textile. C. E. Forstmann. 115,991–2; Aug. 1.
Fabric, Textile. C. E. Forstmann. 116,533; Sept. 5.
Fabric, Textile. C. E. Forstmann. 117,309; Oct. 24.
Fabric, Textile. C. E. Forstmann. 117,546–7; Nov. 7.
Fabric, Textile. C. E. Forstmann. 117,614–6; Nov. 14.
Fabric, Textile. R. Gentile. 118,344; Dec. 26.
Fabric, Textile. L. Goodman. 117,848; Nov. 28.
Fabric, Textile. M. Guhl. 113,184; Jan. 31.
Fabric, Textile. M. Guhl. 113,263; Feb. 7.
Fabric, Textile. M. Harris. 115,443; June 27.
Fabric, Textile. R. Hilf. 113,109; Jan. 31.
Fabric, Textile. W. Hoegger. 114,617–22; May 2.
Fabric, Textile. J. Horowitz. 113,909–12; Mar. 21.
Fabric, Textile. J. Horowitz. 113,956; Mar. 21.
Fabric, Textile. J. Horowitz. 113,989; Mar. 28.
Fabric, Textile. S. Howard. 117,427; Oct. 31.
Fabric, Textile. A. Katz. 116,204; Aug. 15.
Fabric, Textile. B. M. Kaufman. 118,214; Dec. 19.
Fabric, Textile. L. Kaufman. 113,784; Mar. 14.
Fabric, Textile. L. Kaufman. 114,398; Apr. 18.
Fabric, Textile. H. D. Kaufmann. 117,431; Oct. 31.
Fabric, Textile. J. Koehlinger. 116,495–6; Sept. 5.
Fabric, Textile. J. Koehlinger. 116,520; Sept. 5.
Fabric, Textile. A. Kojetinsky. 113,207; Jan. 31.
Fabric, Textile. M. Kornfeld. 113,303; Feb. 7.
Fabric, Textile. M. D. Kornfeld. 114,307–8; Apr. 11.
Fabric, Textile. M. D. Kornfeld. 114,335–6; Apr. 18.
Fabric, Textile. J. A. Krasnov. 117,619; Nov. 14.
Fabric, Textile. S. G. Krupka. 114,592; May 2.
Fabric, Textile. L. Lazare. 114,982; May 23.
Fabric, Textile. K. Lehmann. 113,266–9; Feb. 7.
Fabric, Textile. K. Lehmann. 113,388; Feb. 21.
Fabric, Textile. K. Lehmann. 113,826; Mar. 14.
Fabric, Textile. K. Lehmann. 114,518–20; Apr. 25.
Fabric, Textile. A. Levy. 113,270; Feb. 7.
Fabric, Textile. A. Levy. 113,600–04; Feb. 28.
Fabric, Textile. A. Levy. 114,494; Apr. 25.
Fabric, Textile. A. Levy. 114,596; May 2.
Fabric, Textile. F. Lubitsch. 116,664; Sept. 12.
Fabric, Textile. F. Lubitsch. 116,765; Sept. 19.
Fabric, Textile. A. S. Mandelbaum. 113,957; Mar. 21.
Fabric, Textile. A. S. Mandelbaum. 117,105; Oct. 10.
Fabric, Textile. B. C. Marx. 117,869; Nov. 28.
Fabric, Textile. J. G. McCutcheon. 114,250; Apr. 11.
Fabric, Textile. G. Megibow. 114,820; May 16.
Fabric, Textile. G. Megibow. 115,808; July 18.
Fabric, Textile. M. Mey. 117,453; Nov. 7.
Fabric, Textile. M. Mey. 117,754; Nov. 21.
Fabric, Textile. E. Meyer. 117,835; Nov. 28.
Fabric, Textile. E. G. Meyers. 113,462; Feb. 21.
Fabric, Textile. J. Morris. 113,393; Feb. 21.
Fabric, Textile. R. J. Murray. 116,594–6; Sept. 12.
Fabric, Textile. R. J. Murray. 116,609–11; Sept. 12.
Fabric, Textile. R. J. Murray. 118,077–93; Dec. 12.
Fabric, Textile. A. W. Noy. 115,170; June 6.
Fabric, Textile. H. Odzer. 118,166; Dec. 19.
Fabric, Textile. S. T. Paley. 114,719; May 9.
Fabric, Textile. A. Proteau. 117,736; Nov. 21.
Fabric, Textile. E. Raphaels. 113,764; Mar. 14.
Fabric, Textile. W. J. Roche. 118,351; Dec. 26.
Fabric, Textile. E. S. Ross. 116,413; Aug. 29.
Fabric, Textile. W. Ross. 114,043; Mar. 28.
Fabric, Textile. E. Rothenberg. 117,486; Nov. 7.
Fabric, Textile. J. Rubin. 115,082–4; May 30.
Fabric, Textile. J. Rubin. 115,272–6; June 13.
Fabric, Textile. J. Rubin. 115,581; July 4.
Fabric, Textile. J. Rubin. 117,151; Oct. 17.
Fabric, Textile. M. H. Rubin. 114,867–9; May 16.
Fabric, Textile. H. Runziker. 113,088; Jan. 24.
Fabric, Textile. G. M. Ruth. 114,251; Apr. 11.

Fabric, Textile. S. M. Schwartz. 117,760; Nov. 21.
Fabric, Textile. A. A. Selverstone. 116,416; Aug. 29.
Fabric, Textile. A. S. Selverstone. 114,253; Apr. 11.
Fabric, Textile. H. R. Shapiro. 117,872; Nov. 28.
Fabric, Textile. J. C. Shapiro. 113,293; Feb. 7.
Fabric, Textile. J. C. Shapiro. 114,046; Mar. 28.
Fabric, Textile. M. Simeone. 116,436; Aug. 29.
Fabric, Textile. W. Simpson. 113,922; Mar. 21.
Fabric, Textile. W. Simpson. 114,047; Mar. 28.
Fabric, Textile. S. E. Staines. 112,917; Jan. 10.
Fabric, Textile. S. E. Staines. 113,052; Jan. 24.
Fabric, Textile. S. E. Staines. 113,096–7; Jan. 24.
Fabric, Textile. S. E. Staines. 113,697; Mar. 7.
Fabric, Textile. S. E. Staines. 117,642; Nov. 14.
Fabric, Textile. S. E. Staines. 117,656; Nov. 14.
Fabric, Textile. S. E. Staines. 118,003; Dec. 5.
Fabric, Textile. N. B. Starr. 114,273; Apr. 11.
Fabric, Textile. I. Strauss. 115,367; June 20.
Fabric, Textile. I. Strauss. 115,376; June 20.
Fabric, Textile. A. Tabin. 117,009; Oct. 3.
Fabric, Textile. A. Tabin. 117,130–1; Oct. 10.
Fabric, Textile. A. Tabin. 118,150; Dec. 19.
Fabric, Textile. A. Tillman. 116,109; Aug. 8.
Fabric, Textile. A. Tillman. 116,328; Aug. 22.
Fabric, Textile. A. Tillman. 118,004; Dec. 5.
Fabric, Textile. N. Tillman. 116,128; Aug. 8.
Fabric, Textile. A. Y. Toriumi. 115,725; July 11.
Fabric, Textile. J. Walther. 118,324; Dec. 26.
Fabric, Textile. A. M. Werner. 116,637; Sept. 12.
Fabric, Textile. A. M. Werner. 117,386; Oct. 31.
Fabric, Textile. H. W. Wilde. 118,183; Dec. 19.
Fabric, Tinsel appliqued. G. Rubner. 116,627–33; Sept. 12.
Fabric, Tucked. B. Beidner. 116,103; Aug. 8.
Fabric, Tucked. E. Prazak, Jr. 116,831; Sept. 26.
Fabric, Tucked textile. M. B. Kaplan. 117,997–9; Dec. 5.
Fabric, Tucked textile. M. B. Kaplan. 118,120; Dec. 19.
Fabric, Woven elastic. H. F. Lord. 116,992–3; Oct. 3.
Fabric, Woven elastic textile. J. J. Feldman. 117,425; Oct. 31.
Fabric, Woven elastic textile. J. J. Feldman. 117,548; Nov. 7.
Fabric, Woven textile. B. M. Kaufman. 118,046; Dec. 12.
Fabric, Woven textile. L. Newman. 115,375; June 20.
Fabric, Woven textile. A. W. Roth. 118,055–6; Dec. 12.
Fabric, Woven textile. A. W. Roth. 118,266–7; Dec. 26.
Fabric, Woven textile. A. Tillman. 117,984; Dec. 5.
Fabric, Woven textile. J. L. Walther. 116,198; Aug. 15.
Fabric, Woven textile. J. L. Walther. 116,422; Aug. 29.
Fabric, Woven textile. J. L. Walther. 116,675; Sept. 12.
Fan. W. E. Krause. 117,231; Oct. 17.
Fan and smoking stand, Combination. W. L. Kisling. 114,223; Apr. 11.
Fan and smoking table, Combination. W. L. Kisling. 114,224; Apr. 11.
Fan and table, Combination. W. L. Kisling. 114,222; Apr. 11.
Fan, Electric. J. J. Gough. 113,063; Jan. 24.
Fan, Electric. A. U. Hook. 112,836; Jan. 3.
Fan or similar article, Electric. M. S. Park. 115,448; June 27.
Fan, Propeller type. W. L. Upson. 117,860; Nov. 28.
Fastener and mesh cover therefor, Combination slide. R. Kay. 114,022–23; Mar. 28.
Fastener closure, Slide. J. H. Weingarten. 113,127; Jan. 31.
Fastener, Garment. E. W. Gaul. 117,830; Nov. 28.
Fastener or similar article, Monogrammed necktie. C. Silverman. 116,275; Aug. 22.
Fastener pull, Slide. N. J. Poux. 116,937; Oct. 3.
Fastener, Slide. N. J. Poux. 118,022; Dec. 12.
Faucet. J. Fraser. 117,171; Oct. 17.
Faucet. V. J. Sedlon and E. W. Pierie. 114,200; Apr. 11.
Faucet and soap holder, Combined. C. B. Mortimer. 117,697; Nov. 21.
Faucet and spray fixture for sinks, Combined. J. R. Morgan. 114,556; May 2.
Faucet, Beverage dispensing. F. C. Picut. 113,994; Mar. 28.
Faucet for drawing liquid from sealed containers. R. D. Bienemann. 117,892; Dec. 5.
Faucet, Swing spout. R. D. McIntosh. 117,071; Oct. 10.
Feather, Decorated. O. F. Wood. 115,139; June 6.
Fence controller, Electric. C. E. Ives. 117,417; Oct. 31.
Fencing implement for practice in fencing. P. Jensen. 114,376; Apr. 18.
Fender. E. W. Baxter. 117,707; Nov. 21.
Fender and skirt and chain guard, Combined. J. R. Morgan. 117,796; Nov. 28.
Ferrule. C. Nicholson. 113,236; Feb. 7.
Field glass and case, Combined. R. Morbee. 113,640; Mar. 7.
Figure, Animal. T. R. Duncan. 115,311; June 20.
Figurine. D. Bothwell. 114,747; May 16.
File, Nail. P. J. Carpenter. 113,359; Feb. 14.
File, Nail. A. E. Johnson. 115,408; June 27.
Film recorder. R. M. Ellis. 117,325; Oct. 24.
Film viewing device. W. H. Harrison. 115,397; June 27.
Film viewing machine. H. E. Turner. 114,353; Apr. 18.
Filter, Air. E. F. Koehler. 117,566; Nov. 14.
Filter body. O. F. von Kohorn zu Kornegg. 116,209; Aug. 15.
Filter, Liquid. R. J. Neely. 113,679; Mar. 7.
Filter rod for a coffee brewer. H. Cory. 114,097; Apr. 4.
Firearm. E. Pugsley. 117,638; Nov. 14.
Fish bait. H. Schrenker. 117,292; Oct. 24.
Fishhook. J. C. Sailors. 112,791; Jan. 3.
Fish lure. K. R. Larson. 117,378; Oct. 31.
Fish lure. J. McArthur. 113,611; Feb. 28.
Fish lure. W. H. Schaper. 117,048; Oct. 10.
Fish lure. L. C. Strite. 115,571; July 4.
Fish lure. S. M. Wright and A. D. McGill. 118,064; Dec. 12.
Fish lure, Artificial. R. Faulconer. 115,546; July 4.
Fishing rod butt. J. McFetridge. 116,828; Sept. 26.
Fishing sinker. W. D. Minser. 117,285; Oct. 24.
Flacon. J. A. Oya. 116,570–3; Sept. 12.
Flacon. J. A. Oya. 116,963; Oct. 3.
Flag. A. J. Tomlinson. 113,244; Feb. 7.
Flagpole. G. C. Froelich. 112,878; Jan. 10.
Flares and receptacle therefor, Combined. O. C. Ritz-Woller. 117,433; Oct. 31.
Flashlight. A. J. Desimone. 113,864; Mar. 21.
Flashlight. L. C. Grimsley. 117,268–70; Oct. 24.
Flashlight. B. F. Muldoon. 117,192; Oct. 17.
Flashlight. C. A. Ritter. 113,146; Jan. 31.
Flashlight. C. A. Ritter. 113,400; Feb. 21.
Flashlight. R. G. Williams. 113,413; Feb. 21.
Flashlight head. B. F. Muldoon. 114,343; Apr. 18.
Flashlight, Portable. H. E. Asch. 115,777; July 18.
Flask. M. H. Donahoe, Jr. 116,944; Oct. 3.
Flatiron and clothes dampener, Combination. P. J. Fitzgerald. 118,146; Dec. 19.
Flatiron rest. C. H. Nesbitt, Jr. 116,718; Sept. 19.
Float, Fishing. E. R. Griffith. 115,041; May 30.
Floor covering or the like. W. Allen. 117,441; Nov. 7.
Floor covering or the like. F. A. Haas. 117,271; Oct. 24.
Floor covering or the like. F. A. Haas. 117,335; Oct. 24.
Floor covering or the like. H. J. Landry. 114,338; Apr. 18.
Floor covering or the like. C. D. Lehner. 116,205; Aug. 15.
Floor machine. F. T. Kent and J. Vandenberg. 115,690; July 11.
Floor scrubbing and polishing machine, Combined. R. A. Posch. 116,330; Aug. 22.
Floor treating machine, Rotary. H. C. Chase. 116,220; Aug. 22.
Fluid dispensing device. J. C. Cox. 116,794; Sept. 26.
Fly swatter blade. M. W. Gatch. 116,366; Aug. 29.
Font of decorative numerals. F. Fuller. 113,084; Jan. 24.
Font of type. W. Chappell. 116,996; Oct. 3.
Font of type. W. S. Gillies. 115,807; July 18.
Font, Printing type. I. Reiner. 118,171; Dec. 19.
Food mixing apparatus. D. A. Meeker and E. H. Arens. 116,747; Sept. 19.
Food preparing and serving implement or similar article. M. J. Zimmer. 117,994; Dec. 5.
Fork or analogous article. H. E. Nock. 115,627; July 11.
Fork or similar article. M. Schulgasser. 116,835; Sept. 26.
Form, Garment. R. D. Williams. 116,587; Sept. 12.
Fountain, Perfume demonstrating. F. E. Ohrenschall. 113,465; Feb. 21.
Frame, Bag. C. McLaughlin. 115,361; June 20.
Frame, Bag. C. McLaughlin. 115,461; June 27.
Frame, Bicycle. E. D. Da Ros. 112,875; Jan. 10.
Frame, Combination. R. O. Kirchhan. 118,047; Dec. 12.
Frame for a display board or the like. J. B. Dey. 116,134; Aug. 15.
Frame for a display board or the like. J. J. Fabacher. 114,808; May 16.
Frame for chairs, tables, or the like, End. C. E. West. 117,739; Nov. 21.
Frame for electric sifters. W. P. Dowling. 114,443; Apr. 25.
Frame for electric space heaters. A. O. Samuels. 113,498; Feb. 28.
Frame, Glider. L. Vavrik and C. E. Friesner. 112,870; Jan. 10.
Frame, Handbag. J. Green. 116,950; Oct. 3.
Frame or similar article, Picture. A. Savastano. 116,172; Aug. 15.
Frame or the like, Handbag. A. F. Reilly. 117,312; Oct. 24.
Frame, Photographic contact printing. A. W. Breingan. 115,307; June 20.
Frame, Picture. J. A. Dedouch. 116,490–1; Sept. 5.
Frame, Picture. J. J. Janus. 116,164; Aug. 15.
Frame, Picture. J. H. Jewett. 115,622; July 11.
Frame, Pneumatic pump. L. E. Russell. 115,798; July 18.
Frankfurter. F. W. Trabold. 116,174; Aug. 15.
Front for a wall heater. P. C. Perrin. 115,172; June 6.
Fudge warmer or similar article. F. R. Lacy, Jr. 116,234; Aug. 22.
Fur cleaning apparatus. W. Haertel. 114,845; May 16.
Furnace. D. J. Campbell. 113,730; Mar. 14.

Furnace or similar article, Dental. M. W. Schneider. 115,132; June 6.
Gaff, Hand. G. R. O'Brien. 115,764; July 18.
Galvanometer. F. C. Ellis. 115,031; May 30.
Game apparatus. O. Lobl. 115,045; May 30.
Game board. F. J. Balthaser. 112,982; Jan. 24.
Game board. A. Benvenuti. 117,389; Oct. 31.
Game board. M. J. Binks. 117,345; Oct. 31.
Game board. F. T. Bockemuehl. 113,701; Mar. 14.
Game board. G. H. Bradley, M. K. Cragun, and W. J. Madden, Jr. 113,535; Feb. 28.
Game board. B. J. Bratt. 112,805; Jan. 3.
Game board. B. J. Bratt. 112,894; Jan. 10.
Game board. S. P. Butrim. 116,217; Aug. 22.
Game board. W. L. Deas. 118,036; Dec. 12.
Game board. C. Egerton. 118,229; Dec. 26.
Game board. W. A. Fuld. 114,534; May 2.
Game board. H. N. Gorrias. 117,786; Nov. 28.
Game board. F. Graef. 114,812; May 16.
Game board. F. Graef. 115,204; June 13.
Game board. A. Guerra. 117,787; Nov. 28.
Game board. D. J. Hafften. 117,951; Dec. 5.
Game board. A. F. Hamilton. 115,550; July 4.
Game board. F. P. Hazelwood, W. N. Sherman, and E. C. Wheeler. 114,066; Apr. 4.
Game board. A. C. Holmdahl. 116,696; Sept. 19.
Game board. W. W. Ingraham. 116,825; Sept. 26.
Game board. E. Johnson. 115,556; July 4.
Game board. H. S. Jones and R. P. Moore. 113,671; Mar. 7.
Game board. W. H. Kipp. 113,005; Jan. 24.
Game board. B. Lewis. 115,118; June 6.
Game board. W. Livingston and G. Freedman. 115,337; June 20.
Game board. J. J. Maji. 115,836; July 25.
Game board. L. A. B. Mena. 112,886; Jan. 10.
Game board. W. L. Neas. 117,405; Oct. 31.
Game board. B. L. Petersen aand D. J. Hafften. 115,126; June 6.
Game board. J. M. Prentice. 117,958; Dec. 5.
Game board. E. D. Rose. 115,220; June 13.
Game board. R. P. Schiffmann. 113,883; Mar. 21.
Game board. C. G. Shalkhauser. 113,575; Feb. 28.
Game board. J. H. Sharp. 117,294; Oct. 24.
Game board or similar article. S. Finkelstein. 115,147; June 6.
Game counter. O. W. Ryan. 116,325; Aug. 22.
Game device. J. Brophy. 114,749; May 16.
Game device. H. A. Fisher. 116,559; Sept. 12.
Game device. P. Fogarty. 114,061; Apr. 4.
Game device. H. E. Hymer. 115,115; June 6.
Game device. M. M. Levy. 115,209; June 13.
Game device, Baseball. H. K. Surbeck. 115,860; July 25.
Game device, Question and answer. A. Lauritano. 113,539; Feb. 28.
Game piece. B. Lewis. 114,543–7; May 2.
Game pieces, Set of. B. J. Bratt. 113,216; Feb. 7.
Garment, Foundation. J. Abeles. 115,886; July 25.
Garment, Foundation. C. H. Schopbach and M. Laguzzi. 113,685; Mar. 7.
Garment, Foundation. H. Wipperman. 116,110; Aug. 8.
Garment or similar article, Foundation. F. Murray. 117,286; Oct. 24.
Gate, Swinging glass. S. F. Cox. 115,611; July 11.
Gauge for automobile brake drums or similar articles. C. W. Bauberger and E. T. Liess. 113,527; Feb. 28.
Gauge for steam boilers, Combined temperature and altitude. G. F. Ruopp. 116,698; Sept. 19.
Gauge, Pressure. W. R. Campbell. 113,323; Feb. 14.
Gauntlet, Kitchen. M. Gross. 114,996; May 30.
Gear casing for a centrifugal liquid separator. C. E. Butler. 113,319; Feb. 14.
Generator, Motor. E. Beaton. 117,162; Oct. 17.
Generator unit, Engine driven electric. J. H. Jacobs. 116,078; Aug. 8.
Generator, Wind driven twin. J. H. Jacobs. 114,886; May 16.
Girdle. S. W. Kunstadter. 113,868; Mar. 21.
Girdle. E. Siegel. 114,770; May 16.
Glass building block, Hollow. E. P. Lockart. 114,085–6; Apr. 4.
Glass, Drinking. J. W. Brown. 117,055; Oct. 10.
Glass, Drinking. J. E. Spence. 114,690; May 9.
Glass, Drinking. J. H. Wellman. 113,154; Jan. 31.
Glass, Field. G. Dobrusin. 117,169; Oct. 17.
Glass, Illuminated magnifying. E. W. Pike. 117,126–8; Oct. 10.
Glass, Light diffusing. W. F. M. Hawe. 115,816–17; July 18.
Glass or similar article, Whisky. G. S. Bryce. 112,983; Jan. 24.
Glasses, Pair of sun. A. Girouard. 116,947; Oct. 3.
Glasses, Sun. G. F. Marciano. 116,141; Aug. 15.
Glider. A. S. Goldberg. 117,244–7; Oct. 17.
Glider. B. Johnson. 117,440; Nov. 7.
Glider. L. Vavrik. 112,867; Jan. 10.
Globe for lighting fixtures. G. A. Gustafson. 117,475; Nov. 7.
Glove. A. F. Bates. 114,434; Apr. 25.
Glove. M. Dunton. 114,014; Mar. 28.
Glove. M. Dunton. 114,392; Apr. 18.
Glove. L. Postman. 116,542–3; Sept. 5.
Glove. R. Riedner. 112,816; Jan. 3.
Glove. S. Starr. 115,899; July 25.
Glove. S. M. Straus. 112,830; Jan. 3.
Glove. S. M. Straus. 113,149–50; Jan. 31.
Glove and handbag, Combination. M. Dunton. 117,770; Nov. 21.
Glove, Massage. J. A. O'Leary. 115,171; June 6.
Glove or similar article. I. Ireland. 113,363; Feb. 14.
Glove or similar article, Safety. F. Vaiana. 117,081; Oct. 10.
Glove, Soft-ball. A. J. Turner. 112,817–18; Jan. 3.
Goal, Basketball. F. W. Fieldhouse. 114,375; Apr. 18.
Goblet, Liquor. M. Moreau. 115,519–22; July 4.
Goblet or article of similar nature, Glass. T. C. Heisey. 115,819; July 18.
Goblet or similar article. E. M. Bottome. 115,642–3; July 11.
Goblet or similar article. A. J. Cunningham. 112,853–63; Jan. 10.
Goblet or similar article. A. J. Cunningham. 112,988; Jan. 24.
Goblet or similar article. A. J. Cunningham. 113,131; Jan. 31.
Goblet or similar article. A. J. Cunningham. 115,731–58; July 18.
Goblet or similar article. G. Sakier. 115,799; July 18.
Goblet, Stemmed. G. S. Bryze. 112,984; Jan. 24.
Goggle. S. E. Bouchard. 115,877; July 25.
Goggle. J. Brunetti. 112,976; Jan. 17.
Goggle. J. Brunetti. 114,260; Apr. 11.
Goggle. J. Brunetti. 117,767; Nov. 21.
Goggle. C. J. Haag. 112,977; Jan. 17.
Goggle. E. J. Lux. 116,038; Aug. 8.
Goggles. T. A. Willson. 115,437; June 27.
Golf club head. H. P. G. Newsome. 115,216–7; June 13.
Golf, Device for teaching. J. J. Schneider. 117,600; Nov. 14.
Golf game device or similar article. F. H. Cavignac. 115,197; June 13.
Golf practice game device. J. T. Berdner, G. C. Fennell, and R. O. Wilson. 116,908; Oct. 3.
Gown, Evening. H. Berman. 116,278–80; Aug. 22.
Gown, Evening. H. Berman. 116,876; Sept. 26.
Gown, Evening. H. Berman. 117,968; Dec. 5.
Gown, Wedding. J. Scharlott. 116,784–6; Sept. 19.
Gown, Wedding. M. J. Shapiro. 114,414; Apr. 18.
Gown, Wedding. M. J. Shapiro. 114,602; May 2.
Gown, Wedding. M. J. Shapiro. 114,799; May 16.
Gown, Wedding. M. J. Shapiro. 114,907; May 23.
Gown, Wedding. M. J. Shapiro. 115,008; May 30.
Grater, Food. J. A. Murdock. 117,404; Oct. 31.
Grater, Food. J. A. Murdock. 117,755; Nov. 21.
Grave preserver and marker, Combined. R. W. Wahl. 114,245; Apr. 11.
Greenhouse. R. C. Hansen. 118,279; Dec. 26.
Grenade and support, Combination fire. P. Evans. 117,471; Nov. 7.
Grenade, Fire extinguishing. W. L. Roessner. 115,824; July 18.
Grill. J. Bergholm. 115,142; June 6.
Grill and pan, Combined broiler. S. H. Hobson. 117,732; Nov. 21.
Grill, Broiler. E. G. Grundstrom. 118,234; Dec. 26.
Grill, Broiler. S. H. Hobson. 117,733; Nov. 21.
Grille. L. A. Macklanburg. 116,920; Oct. 3.
Grille, Accordion. H. Meyers. 116,142; Aug. 15.
Grille, Automobile. R. Cadwallader. 117,211–13; Oct. 17.
Grille, Automobile. R. Cadwallader. 117,339–40; Oct. 24.
Grille guard. P. C. Marrera. 113,871; Mar. 21.
Grille or similar article, Radio or phonograph cabinet. L. E. Lorden. 113,870; Mar. 21.
Grille unit, Automobile. R. Cadwallader. 117,164; Oct. 17.
Grille unit, Automobile. R. Cadwallader. 117,492; Nov. 7.
Grilles, Combined automobile hood and air intake. P. J. Miller and R. C. Spooner. 116,608; Sept. 12.
Grinder, Coffee. T. L. Hand. 113,738; Mar. 14.
Guard and high closet for ranges, Combined back. J. R. Morgan. 113,755; Mar. 14.
Guard, Automobile grille. L. A. Koch. 115,156; June 6.
Guard, Automobile grille. L. A. Koch. 115,559; July 4.
Guard, Bumper. W. C. Huber. 116,308; Aug. 22.
Guard bumper for dispensing nozzles, Trigger. T. O. MacDonald. 114,087; Apr. 4.
Guard for a bicycle, Chain. J. R. Morgan. 113,717; Mar. 14.
Guard, for slicing vegetables, meats, or the like, Finger. L. Körmendy. 117,904; Dec. 5.
Guard, Grille. G. F. Bahr. 116,255–6; Aug. 22.
Guard, Grille. G. F. Bahr. 117,779; Nov. 28.
Guard, Grille. G. F. Bahr. 117,943; Dec. 5.
Guard or similar article, Bumper. H. S. Jandus. 117,045; Oct. 10.
Guard or similar article, Bumper. H. S. Jandus. 117,370; Oct. 31.
Guard, Radiator grille. C. M. Van Auken. 113,691; Mar. 7.
Guide for an electric iron cord. F. M. Pinska. 114,559; May 2.
Guide, Writing. T. Dowd. 116,928; Oct. 3.
Guitar, Electric. F. H. Kislingbury. 114,105; Apr. 4.
Guitar or similar article, Electric Hawaiian. H. S. Sunshine. 114,772–3; May 16.

Gun for spraying coating material or the like, Spray. G. W. Tammen. 117,307–8; Oct. 24.
Gun, Welding. M. L. Eckman. 115,029; May 30.
Gyro flyer. L. L. Driggs, Jr. 116,819; Sept. 26.
Hammer or similar article. W. W. Rector. 117,207; Oct. 17.
Hamper or similar article. H. Gleitsman. 114,948; May 23.
Hamper or similar article. H. Gleitsman. 115,230; June 13.
Hamper or similar article. H. Gleitsman. 117,367–8; Oct. 31.
Hamper or similar article. H. Gleitsman. 117,396; Oct. 31.
Handbag. L. J. Berman. 113,830; Mar. 21.
Handbag. S. Blatt. 115,073; May 30.
Handbag. W. L. M. Ciark. 113,486; Feb. 28.
Handbag. M. J. Cohen and A. Wirklich. 115,063; May 30.
Handbag. R. Courtine. 115,249; June 13.
Handbag. S. Dawer. 117,947; Dec. 5.
Handbag. S. R. Goldsmith. 112,826; Jan. 3.
Handbag. S. R. Goldsmith. 113,349; Feb. 14.
Handbag. S. R. Goldsmith. 115,548; July 4.
Handbag. S. R. Goldsmith. 116,658; Sept. 12.
Handbag. S. R. Goldsmith. 117,398; Oct. 31.
Handbag. F. N. Lewis. 113,043; Jan. 24.
Handbag. F. N. Lewis. 113,849; Mar. 21.
Handbag. F. N. Lewis. 114,847–8; May 16.
Handbag. F. N. Lewis. 114,859–60; May 16.
Handbag. F. N. Lewis. 117,282; Oct. 24.
Handbag. R. Lobel. 117,932; Dec. 5.
Handbag. J. Michel. 117,524; Nov. 7.
Handbag. L. Moss. 114,983; May 23.
Handbag. S. Nathan. 116,274; Aug. 22.
Handbag. L. M. Rubenstein. 118,321; Dec. 26.
Handbag. J. Scala. 115,238; June 13.
Handbag. L. S. Schlessinger. 114,968; May 23.
Handbag, Child's. M. J. Cohen and A. Wirklich. 115,541; July 4.
Handbag frame. J. Green. 113,490; Feb. 28.
Handbag frame. J. Green. 114,176–8; Apr. 11.
Handbag frame, Lady's. G. Rosenberg. 114,033; Mar. 28.
Handbag, Lady's. L. Hochman. 113,669; Mar. 7.
Handbag or similar article. G. Murphy. 118,076; Dec 12.
Handbag or similar article. E. Rosenberg. 115,071; May 30.
Handbag or similar article, Lady's. M. C. L. Baillod. 116,006; Aug. 8.
Handbag or similar article, Lady's. B. R. Brody. 115,023; May 30.
Handbag or similar article, Lady's. B. R. Brody. 116,158–9; Aug. 15.
Handbag or similar article, Lady's. G. W. Heedley, 3rd. 115,111; June 6.
Handbag, Over-the-shoulder. L. J. Berman. 114,608; May 2.
Handkerchief. V. Fazio. 112,825; Jan. 3.
Handkerchief. G. M. Logan, Jr. 117,753; Nov. 21.
Handkerchief. M. J. Rosen. 117,519; Nov. 7.
Handkerchief. M. J. Rosen. 117,530; Nov. 7.
Handkerchief. M. J. Rosen. 117,640–1; Nov. 14.
Handkerchief. M. J. Rosen. 117,757; Nov. 21.
Handkerchief. M. J. Rosen. 117,776; Nov. 21.
Handkerchief or similar article. H. Rosenbaum. 114,850; May 16.
Handkerchief, Pocket. T. A. Callahan. 116,474; Sept. 5.
Handwheel. C. A. Olson. 115,235; June 13.
Handwheel. C. A. Olson. 115,566; July 4.
Handle. H. Dreyfuss. 116,555; Sept. 12.
Handle and escutcheon, Combined. J. C. Hermann. 118,015; Dec. 12.
Handle and escutcheon, Combined. J. O. Reinecke. 113,395; Feb. 21.
Handle and escutcheon, Combined. J. O. Reinecke. 115,796; July 18.
Handle and escutcheon, Combined valve. J. Fraser. 117,172; Oct. 17.
Handle and shredder, Combined potato peeler. A. H. Johnson. 113,040; Jan. 24.
Handle, Burial casket. S. Junkunc, Jr. 117,182–5; Oct. 17.
Handle, Burial casket. S. Junkunc, Jr. 117,277; Oct. 24.
Handle, Door. R. Loewy. 117,380; Oct. 31.
Handle, Door. W. E. Manning, Jr. 113,233; Feb. 7.
Handle, Door. J. R. Morgan. 117,908; Dec. 5.
Handle, Door. H. G. Stoner. 113,175; Jan. 31.
Handle for chafing dishes, toasters, and the like. W. von Nessen. 113,410; Feb. 21.
Handle for gas ranges. C. L. Hardwick. 115,551–2; July 4.
Handle for heat regulators, Setting. A. H. Brodbeck. 114,315; Apr. 18.
Handle for kitchen utensils or similar articles. M. J. Zimmer. 114,096; Apr. 4.
Handle for kitchen utensils or the like. J. W. Abell. 113,128; Jan. 31.
Handle for sadiron. G. T. Scharfenberg. 114,092–3; Apr. 4.
Handle for sauce pans. A. F. Ramsthal. 118,023; Dec. 12.
Handle, Implement. R. W. Canfield. 118,156; Dec. 19.
Handle, Lawn mower. M. H. Kluter. 117,693; Nov. 21.
Handle, Lawn mower. M. H. Kluter. 118,159; Dec. 19.
Handle or similar article, Drawer. E. W. Dahlgren. 118,110; Dec. 19.
Handle or similar article for an automotive vehicle, Outside door. G. E. Curtiss. 115,667; July 11.
Handle or similar article for an automotive vehicle, Outside door. W. H. Hollindale. 115,670; July 11.
Handle, Outside door. G. E. Cossin. 112,807; Jan. 3.
Handle, Outside door. G. E. Cossin. 112,823; Jan. 3.
Handle, Stove. R. F. Hefferan. 116,604; Sept. 12.
Handle, Tooth brush. S. M. Gower. 118,073; Dec. 12.
Handle, Valve. C. Groen. 114,330; Apr. 18.
Handle, Vehicle door. L. E. Clinker. 114,012; Mar. 28.
Hanger for supporting removable objects. J. E. Ahlborg. 113,340; Feb. 14.
Hanger, Garment. J. F. Fewster. 114,753; May 16.
Hanger, Garment. J. F. Fewster. 115,917–20; Aug. 1.
Hanger, Garment. A. Stein. 117,078; Oct. 10.
Hanger or similar article, Display. U. Nash. 114,109; Apr. 4.
Hanger, Pants. C. E. Daniels. 115,915; Aug. 1.
Hanger, Pendant. E. C. Lewis. 117,674; Nov. 21.
Hanger, Venetian blind pin. J. M. Davis. 117,350; Oct. 31.
Harmonica. J. Vassos. 116,067–9; Aug. 8.
Hat. H. Barty. 115,368; June 20.
Hat. K. Blechman. 116,471; Sept. 5.
Hat. M. N. Bryan. 116,426; Aug. 29.
Hat. A. Bushwick. 117,240–2; Oct. 17.
Hat. A. Bushwick. 117,864–5; Nov. 28.
Hat. J. Cavanagh. 118,069; Dec. 12.
Hat. J. S. Degnon. 114,614; May 2.
Hat. J. S. Degnon. 117,004; Oct. 3.
Hat. N. Du Bow. 115,486; June 27.
Hat. D. C. Everitt. 117,424; Oct. 31.
Hat. W. P. Fortune. 112,895–6; Jan. 10.
Hat. L. A. Johnson. 114,449; Apr. 25.
Hat. L. A. Johnson. 115,704; July 11.
Hat. M. J. Marks. 114,383; Apr. 18.
Hat. M. J. Marks. 115,046; May 30.
Hat. M. J. Marks. 115,371; June 20.
Hat. L. Millar. 117,870; Nov. 28.
Hat. A. C. Moran. 115,897; July 25.
Hat. A. Pecker. 112,897; Jan. 10.
Hat. A. Rothchild. 114,906; May 23.
Hat. C. Rothenberg. 114,625; May 2.
Hat. S. Scheuer. 113,366; Feb. 14.
Hat. S. Scheuer. 114,252; Apr. 11.
Hat. E. Schoen. 113,696; Mar. 7.
Hat. E. Schoen. 113,921; Mar. 21.
Hat. A. Simbeck. 113,499; Feb. 28.
Hat. I. B. Simon. 117,534; Nov. 7.
Hat. I. B. Simon. 117,545; Nov. 7.
Hat. I. B. Simon. 117,873; Nov. 28.
Hat. M. Solash. 116,640; Sept. 12.
Hat. M. Solash. 117,761; Nov. 21.
Hat and scarf, Combined. A. Cohn. 115,228; June 13.
Hat block. A. Solosko. 117,008; Oct. 3.
Hat covering, Protective transparent. L. Royak. 115,482; June 27.
Hat or similar article. M. Blanc. 114,985; May 30.
Hat or similar article. M. Blanc. 115,154; June 6.
Hat or similar article. M. Nielson. 115,234; June 13.
Hatchet. S. S. Vaughan. 117,803; Nov. 28.
Hatchet head. S. S. Vaughan. 115,256; June 13.
Head for a hand mirror or similar article. L. Marder. 116,040–1; Aug. 8.
Headstock for machine tools. M. A. Hollengreen and C. R. Mentzer. 115,964; Aug. 1.
Hearse body. E. L. Schofield. 117,702; Nov. 21.
Heat exchanger. C. B. Dalzell. 113,654; Mar. 7.
Heater. L. A. Althoff. 113,249; Feb. 7.
Heater. C. E. Beyer. 115,641; July 11.
Heater. B. B. Kahn and J. L. Tupper. 117,850; Nov. 28.
Heater. C. E. Meyerhoefer. 116,046–7; Aug. 8.
Heater. C. E. Meyerhoefer. 117,124; Oct. 10.
Heater. C. E. Meyerhoefer. 117,498–9; Nov. 7.
Heater. J. R. Morgan. 113,678; Mar. 7.
Heater, Domestic water. C. H. Morrow. 113,758; Mar. 14.
Heater, Electric. J. S. De Masters and J. W. Keyes. 115,100; June 6.
Heater, Electric. J. J. Gough. 116,948–9; Oct. 3.
Heater, Electric. H. C. Johnson. 114,953; May 23.
Heater, Electrically operated bean. H. E. Lacy. 113,990; Mar. 28.
Heater, Oil. R. E. Kruck. 112,882; Jan. 10.
Heater or similar article. E. G. and R. J. Siegler. 113,442; Feb. 21.
Heater or similar article. E. G. and R. J. Siegler. 116,384; Aug. 29.
Heater or the like, Air circulating space. R. D. Raseman. 113,350; Feb. 14.
Heater, Shoe. R. B. Harrison. 113,493; Feb. 28.
Heater, Space. A. W. Becker. 115,699; July 11.
Heater, Space. E. G. Gardner. 117,229; Oct. 17.
Heater, Space. J. O. Reinecke. 118,170; Dec. 19.
Heater, Space. W. D. Teague. 113,294; Feb. 7.
Heater, Space. W. D. Teague. 114,691; May 9.
Heel. K. C. Demick. 114,634; May 9.
Heel. W. Schwartz. 113,018; Jan. 24.
Heel or similar article, Shoe. L. Sholtz. 115,635; July 11.

Heel, Rubber. B. Rubel. 113,767; Mar. 14.
Heel, Rubber. R. E. Spanner, L. P. Tufford, and A. G. Smith. 114,346; Apr. 18.
Heel, Shoe. W. Stafford. 116,939; Oct. 3.
Heel, Shoe. L. E. Timberlake. 116,753; Sept. 19.
Hinge. C. L. Heizmann. 116,878; Sept. 26.
Hinge, Pivot. F. C. Garrison. 118,012; Dec. 12.
Hinge, Toilet seat. A. V. Kobza. 116,697; Sept. 19.
Hoe. J. M. Council. 115,309; June 20.
Holder and cover, Combined perfume. F. N. Lewis. 115,881; July 25.
Holder and mirror base, Combined flower. H. A. Fuld. 117,334; Oct. 24.
Holder and plant pot, Combined. H. R. Cutter. 117,348; Oct. 31.
Holder, Candle. N. W. Wagner. 113,056; Jan. 24.
Holder, Candle. F. M. Wojtalewicz. 114,839; May 16.
Holder, Card. S. H. Campbell and F. H. Pietzsch. 117,447; Nov. 7.
Holder, Card. H. J. Smoleroff. 114,476; Apr. 25.
Holder, Card. F. M. Wojtalewicz. 114,854; May 16.
Holder, Cigarette. P. F. Havey. 116,028; Aug. 8.
Holder, Collar. F. A. Bullock. 117,661; Nov. 21.
Holder, Combined cigarette and gum. J. H. Horsley. 114,367; Apr. 18.
Holder, Combined salt and pepper. A. H. Johnson. 115,207; June 13.
Holder, Combined scratch pad and pencil. J. S. Sherman. 118,291; Dec. 26.
Holder, Compact. E. Schiaparelli. 116,726; Sept. 19.
Holder, Display article. F. W. Rettenmeyer. 114,199; Apr. 11.
Holder, Drill. W. P. Ross. 116,054; Aug. 8.
Holder, Flower. J. L. Baer. 112,768; Jan. 3.
Holder, Flower. E. J. Martin. 116,568; Sept. 12.
Holder, Flower. P. T. Shirk. 116,056; Aug. 8.
Holder for a glass coffee maker. O. G. Griesbach. 116,448; Sept. 5.
Holder for a salt block. M. F. MacLean. 118,124; Dec. 19.
Holder for a shaving set. E. B. Long, Jr., and H. F. Carpenter. 117,401; Oct. 31.
Holder for ashtray and match packet, Combination. L. B. Ankovitz. 112,766; Jan. 3.
Holder for ashtray and match packet, Combination. L. B. Ankovitz. 112,919; Jan. 17.
Holder for necktie holders or the like, Character bearing. L. W. Shields. 114,580; May 2.
Holder for paper napkins or the like. R. F. Carpenter. 114,750; May 16.
Holder for pictures or the like, Illuminable. T. A. Stiffel. 117,680; Nov. 21.
Holder for pocketbooks, gloves, and the like. W. E. Hutchison. 113,895; Mar. 21.
Holder for thread spools or similar articles. J. Edelstein. 116,364; Aug. 29.
Holder, Grater. M. Nelson. 117,381; Oct. 31.
Holder, Hairpin. L. Hammonds. 115,710; July 11.
Holder, Hat display. W. T. Webb. 118,029; Dec. 12.
Holder, Key. J. Bissell. 116,812; Sept. 26.
Holder, Knife. H. H. Hopkins. 115,926; Aug. 1.
Holder, Knife. F. E. Smith. 117,825; Nov. 28.
Holder, Lipstick. G. C. Robinson. 115,823; July 18.
Holder, Match. M. J. Reese. 113,467; Feb. 21.
Holder, Napkin. S. Bloomfield. 118,258; Dec. 26.
Holder or article of similar nature, Combined glass candlestick and vase. E. W. Heisey. 115,400; June 27.
Holder or similar article, Bottle. P. B. Arnold. 117,326–7; Oct. 24.
Holder or similar article, Broom. B. J. Harvey. 117,849; Nov. 28.
Holder or similar article, Cigarette. C. M. Gemmill. 115,921; Aug. 1.
Holder or similar article, Collar. G. A. Ingleby. 114,790; May 16.
Holder or similar article, Cravat. C. R. Tost. 117,507; Nov. 7.
Holder or similar article, Tumbler. R. S. Sanford. 117,582; Nov. 14.
Holder, Paper roll. E. O. Bulman. 116,736; Sept. 19.
Holder, Pipe. W. E. Weaver. 117,158; Oct. 17.
Holder, Scarf. J. R. Craighead. 115,613; July 11.
Holder, Shade. L. Spero. 115,770; July 18.
Holder, Soap. L. Taddeo. 115,433; June 27.
Holder, Tool. W. K. Linyard. 115,503; July 4.
Holder, Tooth brush. E. A. Stein. 117,408; Oct. 31.
Holder, Vegetable. H. S. Cowins. 113,219; Feb. 7.
Holder, Wall mounted eyeglass. J. S. Schram. 113,402; Feb. 21.
Hood and fender, Combined automobile. P. A. Meyer. 115,348; June 20.
Hood and supporting unit for gas installation housings, Combined. P. A. Anderson. 113,030; Jan. 24.
Hood for electric lamps. C. E. Caestecker. 117,919; Dec. 5.
Hood for milk bottles and the like, Protective. D. Ray. 117,721; Nov. 21.
Hood or similar article. L. Fainblatt. 116,182; Aug. 15.
Hook, Cup. P. F. Dover. 112,772; Jan. 3.
Hook, Cup. J. Strand. 115,773; July 18.
Hook, Cup. J. Strand. 116,867; Sept. 26.
Hook. Garment supporting. E. J. Lux. 116,450; Sept. 5.
Hook, Meat. D. A. Dick. 116,816; Sept. 26.
Hopper for dough molding machines, Feed. E. T. Parsons. 116,625; Sept. 12.
Horizon, Artificial. W. H. Van Gaasbeek. 116,941; Oct. 3.
Horn. G. Carbonaro. 116,793; Sept. 26.
Horn operating device for an automobile steering wheel. G. E. Peters and L. E. Russell. 113,014; Jan. 24.
House, Bird. S. M. Straus. 117,053; Oct. 10.
Housecoat, Reversible. M. Koury. 117,221; Oct. 17.
House or the like, Bird. M. Mustarkes. 117,482; Nov. 7.
House, Steel. B. J. Compton. 117,422; Oct. 31.
Housing and pedestal for oil burners or the like, Combined blower. R. W. Beckett. 115,680; July 11.
Housing, Fan. J. T. Roffy. 112,847; Jan. 3.
Housing for an air conditioning expansion coil and fan. H. B. Parker. 114,666; May 9.
Housing for bathtub fittings. J. C. Hermann. 117,476; Nov. 7.
Housing for dispensing apparatus. H. L. Blum. 115,143; June 6.
Housing for electrical apparatus. C. A. Hardage. 113,740; Mar. 14.
Housing for electrical apparatus, Enclosed. R. H. Olley. 115,709; July 11.
Housing for electrically operated alarms, Bell. G. Schwartz. 115,239; June 13.
Housing for signal device. L. Rittenhouse. 116,170; Aug. 15.
Housing, Gear drive. F. B. Drake. 116,553–4; Sept. 12.
Housing, Lamp. J. A. McKay. 118,308; Dec. 26.
Housing, Lawn mower. M. H. Kluter. 116,849; Sept. 26.
Housing, lawn mower wheel. M. H. Kluter. 116,850; Sept. 26.
Housing, Magneto. P. Piffath. 116,576; Sept. 12.
Housing, Pneumatic pump. L. E. Russell. 114,561; May 2.
Housing, Portable X-ray transformer. C. B. Horsley. 115,114; June 6.
Housing, Spring sash balance. A. H. Kersting. 115,712; July 11.
Humidifier, Portable electric. E. A. Reid. 115,173; June 6.
Humidifier, Radiator. W. Fader. 117,494; Nov. 7.
Ice cream cone. B. W. Devereux. 117,449; Nov. 7.
Ice cream cone. C. S. Franke. 113,736; Mar. 14.
Ice cream cone. B. Glass. 115,494; July 4.
Ice cream cone. L. Pape. 116,723; Sept. 19.
Ice cream cone. J. C. Pecora. 113,171; Jan. 31.
Ice crushing machine. J. O. Reinicke. 113,015–16; Jan. 24.
Illuminating fixture. R. A. Manning. 112,840–3; Jan. 3.
Illuminator and plate, Combined house number. M. Wishny and F. C. Gray. 113,983; Mar. 28.
Impeller. J. M. Funk. 113,347; Feb. 14.
Impeller. A. J. McDonald. 117,719; Nov. 21.
Incinerator. L. G. Haase. 117,633; Nov. 14.
Indicator, Aircraft landing wheel position. P. F. Bechberger. 116,277; Aug. 22.
Indicator for headlights, Light. W. H. Johnsen. 117992; Dec. 5.
Inhaler. A. C. Hoffman and F. Reutter. 118,044; Dec. 12.
Inhaler, Nasal. G. E. Wilhelmy. 118,142; Dec. 19.
Insecticide spraying device. G. Hettinger. 114,067; Apr. 4.
Insole, Footwear. J. A. Perault. 117,383; Oct. 31.
Insulator, Electric. J. J. Taylor. 114,352; Apr. 18.
Insulator, Porcelain. L. A. Stohl. 115,530; July 4.
Insulator, Porcelain. L. A. Stohl. 115,578; July 4.
Iron, Angle. E. L. Bronstien. 115,703; July 11.
Iron, Baking. J. G. Threadgill. 116,940; Oct. 3.
Iron, Electric. J. J. Gough. 113,421; Feb. 21.
Iron, Electric. E. S. Preston. 114,463–8; Apr. 25.
Iron, Electric creasing. G. F. Bahr. 115,382; June 27.
Iron, Electric steaming. L. V. Eckstein. 115,958; Aug. 1.
Iron or similar article, Electric. J. E. Barrett. 113,033; Jan. 24.
Iron or similar article, Waffle. E. S. Preston. 116,127; Aug. 8.
Iron or similar article, Waffle. A. A. Propernick. 114,687; May 9.
Iron, Steam electric. D. P. Jones and H. A. Geauque. 113,670; Mar. 7.
Iron, Waffle. J. G. Harms. 116,971; Oct. 3.
Ironing machine. F. A. Conterman. 117,091; Oct. 10.
Ironing machine gear head. J. A. Castricone. 114,057; Apr. 4.
Irrigating apparatus for the hardening of the bosoms. R. Paul. 116,829; Sept. 26.
Jack, Lifting. H. H. Howell. 114,068; Apr. 4.
Jacket. P. H. Bailey. 115,983; Aug. 1.
Jacket. L. Cohen. 115,584; July 4.
Jacket. W. Cohn. 117,256; Oct. 24.
Jacket. L. Elowsky. 115,102; June 6.
Jacket. R. Karplus. 114,019–21; Mar. 28.
Jacket. L. Scharf. 117,459; Nov. 7.
Jacket. S. Stoll. 114,834; May 16.
Jacket and blanket, Combined infant's. B. B. Friedman. 117,521; Nov. 7.
Jacket for tobacco containers. C. T. Hobba. 114,366; Apr. 18.
Jacket or similar article. J. Cohen. 113,083; Jan. 24.
Jacket, Sports. H. Nieberg. 116,885; Sept. 26.
Jacket, Windbreaker. R. L. Smith. 115,484; June 27.
Jar. B. D. Fuerst and A. I. Lorenzen. 112,940; Jan. 17.
Jar. J. L. Hendrickson. 115,652; July 11.

Jar. G. Jensen. 115,068; May 30.
Jar. O. C. Noble. 112,783; Jan. 3.
Jar. O. C. Noble. 114,655; May 9.
Jar. O. C. Noble. 116,048; Aug. 8.
Jar. T. Pasta. 113,119; Jan. 31.
Jar. F. Smith. 114,370; Apr. 18.
Jar. F. Smith. 115,054; May 30.
Jar. F. Smith. 115,162; June 6.
Jar. F. Smith. 117,843; Nov. 28.
Jar. G. Smith, Jr. 117,844; Nov. 28.
Jar. C. R. Underwood. 113,055; Jan. 24.
Jar and cap cover therefor or similar article, Combined double ended. A. Abrams. 117,705; Nov. 21.
Jar, Cosmetic cream. J. B. Platt. 114,460; Apr. 25.
Jar, Glass. E. R. Elwell. 113,299; Feb. 7.
Jar, Glass. F. J. Petty. 113,434; Feb. 21.
Jar, Glass. F. J. Petty. 114,686; May 9.
Jar or similar article. G. Smith, Jr. 113,578; Feb. 28.
Jar or similar article. G. Smith, Jr. 114,240; Apr. 11.
Jar or similar container. D. E. Briner. 116,912; Oct. 3.
Jar or similar container. G. Smith, Jr. 115,529; July 4.
Jar or similar container. T. H. Stough. 113,053; Jan. 24.
Jar or similar container. E. Worthington. 115,804; July 18.
Jewelry element for bracelets or similar articles. L. Mazer. 114,454–5; Apr. 25.
Jewelry finding for chains or the like. P. F. Volk. 114,244; Apr. 11.
Jewelry setting or similar article. F. J. Gaertner. 116,337; Aug. 29.
Jewelry setting or similar article. H. R. Kiepe. 117,902; Dec. 5.
Jewelry setting or similar article. W. Simon. 114,475; Apr. 25.
Jug. B. D. Fuerst. 116,848; July 25.
Jug. J. L. Hendrickson. 115,516; July 4.
Jug, Heat insulated. E. Schwarz. 117,621; Nov. 14.
Jug or article of similar nature, Glass. A. H. Nicholson. 118,309; Dec. 26.
Jug or similar article, Water. W. T. Stopa. 115,531; July 4.
Kettle, Tea. R. N. Kircher. 115,928; Aug. 1.
Key and knife, Combined. I. Florman. 117,093; Oct. 10.
Key, Souvenir. W. R. Burke. 115,389; June 27.
Kit or the like, Battery service. L. Edelmann. 115,312; June 20.
Kit or the like, Battery service. J. C. Thomas. 115,353; June 20.
Kitchen unit, Combination. J. Tjaarda. 115,826; July 18.
Knee rest for gardeners. J. H. L. Sullivan and E. B. Thibedeau. 114,303; Apr. 11.
Knife. G. Agostineto. 113,829; Mar. 21.
Knife. A. Guerra. 114,396; Apr. 18.
Knife, Cleaver. J. Vassos. 113,026; Jan. 24.
Knife for use in retrieving fishing flies. E. A. Douglass. 112,876; Jan. 10.
Knife, Paring. C. F. Senkewitz. 114,474; Apr. 25.
Knife, Pocket. S. Ahmid. 113,449; Feb. 21.
Knife, Slicing. W. H. Barry and W. O. Stauffer. 118,274; Dec. 26.
Knob. G. F. Bahr. 115,537; July 4.
Knob, Indicating. H. F. Sammons. 112,966; Jan. 17.
Knob or similar article, Automobile gear shift. G. Berkson. 114,630; May 9.
Knob or similar article, Gear shift. D. Trahan. 113,246; Feb. 7.
Knob, Tap. F. C. Fisher. 113,262; Feb. 7.
Knocker, Door. N. Seiler. 113,884; Mar. 21.
Knocker, Door. G. J. Stevens. 115,221; June 13.
Label. A. M. Bourne. 115,021; May 30.
Label. H. G. Hust. 114,104; Apr. 4.
Label, Tree. E. S. Edge. 112,955; Jan. 17.
Lace. E. E. Bancroft. 113,591; Feb. 28.
Lace. G. M. Boysen. 113,374–6; Feb. 2.
Lace. G. M. Boysen. 117,863; Nov. 28.
Lace. G. M. Boysen. 117,969–70; Dec. 5.
Lace. R. Dannecker. 117,033–5; Oct. 10.
Lace. J. Dognin. 112,899; Jan. 10.
Lace. B. Edson. 113,260; Feb. 7.
Lace. B. Edson. 116,365; Aug. 29.
Lace. B. Edson. 118,112; Dec. 19.
Lace. B. Edson. 118,260; Dec. 26.
Lace. H. W. Hucknall. 112,904–6; Jan. 10.
Lace. H. W. Hucknall. 113,264; Feb. 7.
Lace. H. W. Hucknall. 117,044; Oct. 10.
Lace. H. W. Hucknall. 117,416; Oct. 31.
Lace. L. L. Kahn. 117,953; Dec. 5.
Lace. M. Leff. 116,714–16; Sept. 19.
Lace. M. Leff. 116,880–2; Sept. 26.
Lace. J. Moosherr. 113,639; Mar. 7.
Lace. I. Zendman, Jr. 115,698; July 11.
Lace or similar article. E. W. Freudenberg. 117,365; Oct. 31.
Lace or similar article, Embroidered. G. L. Menzer. 112,850–2; Jan. 3.
Lace, Shoe. C. S. Winchester. 117,765; Nov. 21.
Lamp. J. M. Angeletti. 116,356; Aug. 29.
Lamp. C. A. Christoph. 114,695; May 9.
Lamp. A. B. Collins. 113,704; Mar. 14.
Lamp. W. C. Crimmins. 116,730; Sept. 19.
Lamp. C. L. Ellison. 113,623; Mar. 7.
Lamp. L. J. Gagnon. 112,879; Jan. 10.
Lamp. L. J. Gagnon. 113,626–7; Mar. 7.
Lamp. A. Hassen and M. Meyers. 113,988; Mar. 28.
Lamp. L. Ludwig. 112,957; Jan. 17.
Lamp. L. Ludwig. 113,850; Mar. 21.
Lamp. N. A. Nelson. 113,276; Feb. 7.
Lamp. A. D. Olds. 115,505; July 4.
Lamp. I. Wooga. 113,718–9; Mar. 14.
Lamp, Adjustable. M. E. Kraft. 114,024; Mar. 28.
Lamp, Adjustable. M. E. Kraft. 117,672; Nov. 21.
Lamp, Adjustable. S. W. Rosenthal. 115,340; June 20.
Lamp and air circulator, Combined. A. E. Blumenthal. 113,831; Mar. 21.
Lamp and ash receiver, Combination. E. Steeb and A. T. Wallace. 117,678; Nov. 21.
Lamp and bracket, Combined signal. V. Atwood. 118,200; Dec. 19.
Lamp and radio, Combined adjustable. M. E. Kraft. 116,852; Sept. 26.
Lamp and radio receiving set, Combined. D. J. Crowley. 115,951–5; Aug. 1.
Lamp and stand for a dial telephone, Combined. W. C. Swalley and A. J. Lichtinger. 115,057; May 30.
Lamp and stand for dial telephone, Combined. W. C. Swalley and A. J. Lichtinger. 113,698; Mar. 7.
Lamp, Animated decorative. A. B. Leech. 116,268; Aug. 22.
Lamp, Automotive signal. B. R. Jackson. 117,669; Nov. 21.
Lamp base. A. E. Jacobsen. 113,039; Jan. 24.
Lamb base. J. Kernes. 114,846; May 16.
Lamp base. H. A. Perlmutter. 117,484; Nov. 7.
Lamp, Bed. J. O. Grode. 117,474; Nov. 7.
Lamp, Casket illuminating. W. M. Parker, Sr. 117,483; Nov. 7.
Lamp, Combination desk. A. W. Krueger. 118,161; Dec. 19.
Lamp, Desk. G. W. Beals. 117,827; Nov. 28.
Lamp, Desk. C. D. McCann. 115,417; June 27.
Lamp, Desk. H. R. Robinson and A. J. C. Knudstrup. 114,110; Apr. 4.
Lamp, Direction signal. G. E. Archer. 116,545; Sept. 12.
Lamp, Electric. E. J. White. 117,084; Oct. 10.
Lamp, Electric bed. J. O. Grode. 117,473; Nov. 7.
Lamp, Electric table. D. F. Illian. 114,998; May 30.
Lamp, Emblem. T. C. Surles. 115,431; June 27.
Lamp, Fender direction signal. W. F. Terry. 115,861; July 25.
Lamp for automotive vehicles, Signal. B. L. Bobroff. 113,371; Feb. 21.
Lamp for motor vehicles, Combination clearance and side marker. G. F. Burgess. 115,844; July 25.
Lamp for motor vehicles, Direction signal. H. J. Sauer. 112,965; Jan. 17.
Lamp for Vehicles, Auxiliary. G. Trippe. 113,444; Feb. 21.
Lamp for vehicles, Combination clearance and side marker. G. F. Burgess. 115,387; June 27.
Lamp, Illuminating floor. R. A. Manning. 114,088; Apr. 4.
Lamp, Illuminating floor. R. A. Manning. 114,108; Apr. 4.
Lamp, log, and daily reminder or the like, Combination radio. M. A. Clark. 117,255; Oct. 24.
Lamp, Miner's. C. S. Packer. 115,123; June 6.
Lamp or similar article. A. H. Murray. 117,574; Nov. 14.
Lamp or similar article, Bed. H. I. Albright. 115,325; June 20.
Lamp or similar article, Bed. M. Langbaum. 113,945; Mar. 21.
Lamp or similar article, Bicycle. B. J. Perry and R. P. Nomsen. 115,508; July 4.
Lamp or similar article, Manicure. A. A. Ullmo. 115,677; July 11.
Lamp or similar article, Mirror. M. Langbaum. 113,929; Mar. 21.
Lamp or similar article, Table. H. Taylor. 115,242; June 13.
Lamp or similar article, Telephone. A. T. McShane and H. E. Tyler. 115,213; June 13.
Lamp or similar article, Wall. R. C. Gregg. 114,101; Apr. 4.
Lamp or similar article, Wall. W. L. Gregg. 114,329; Apr. 18.
Lamp, pot, and support therefor, Combined wall bracket. G. E. and L. MacFadden. 118,287–8; Dec. 26.
Lamp, Reading. P. N. Cloutier. 113,106; Jan. 31.
Lamp, Reading. S. W. Rosenthal. 114,624; May 2.
Lamp shade. J. M. Angeletti. 116,212; Aug. 22.
Lamp shade. W. H. Biever. 112,872; Jan. 10.
Lamp shade. O. Sacksteder, Jr. 117,911; Dec. 5.
Lamp, Signal. G. F. Burgess. 116,942; Oct. 3.
Lamp, Signal. J. C. Schellin, J. M. Love, and E. J. Housekeeper. 117,197; Oct. 17.
Lamp, Sun. P. N. Cloutier. 115,329; June 20.
Lamp, Wall bracket. G. E. and L. MacFadden. 118,307; Dec. 26.
Lathe, Crankshaft. W. F. Groene and W. R. Meyer. 116,951; Oct. 3.
Lathe or similar article. C. E. Miller. 117,403; Oct. 31.
Lavatory. G. W. Kohlmeyer. 115,623; July 11.
Lavatory. G. W. Kohlmeyer and J. Fraser. 117,810; Nov. 28.
Lavatory. J. R. Morgan. 118,289; Dec. 26.

Lavatory leg and towel bar, Combined. J. O. Reinecke, J. M. Kovarick, Jr., and R. H. Zinkil. 115,810; July 18.
Lavatory supply fixture and waste handle, Combined. J. O. Reinecke. 115,811; July 18.
Lavatory unit. P. Ebling. 115,614; July 11.
Leather. M. Winkel. 114,051; Mar. 28.
Leather or similar article. P. Borda. 117,591; Nov. 14.
Leather or similar article. S. Kaufman. 117,067; Oct. 10.
Leather or similar article. D. Levin. 117,418; Oct. 31.
Leather or similar article of manufacture. F. H. Becker and L. F. Peabody. 113,358; Feb. 14.
Leather or similar article of manufacture. F. H. Becker and L. F. Peabody. 114,258; Apr. 11.
Lens. J. L. Koubek. 114,106; Apr. 4.
Lens for a headlight or the like. A. R. Stahl. 114,870; May 16.
Lens or similar article, Fresnel. E. Pascucci. 117,934; Dec. 5.
Lens or the like article, Lighting fixture. J. Levy. 117,834; Nov. 28.
Lens or the like, Reflector. C. M. Bolser. 113,702–3; Mar. 14.
Lens remover for automobile headlights. O. G. Hildebrand and G. Brabenec. 115,334; June 20.
Letter opener and watch, Combined. R. Sutera. 115,451; June 27.
Letters for forming monograms, Alphabet. H. C. Vaisey 113,958; Mar. 21.
License plate for automobiles. F. D. Tweeddale. 115,178; June 6.
License plate for automobiles. F. D. Tweedale. 116,809; Sept. 26.
Lid for liquid receptacles, Pouring and closing. W. O. Besaw. 116,602; Sept. 12.
Lifter for plates, dishes, or the like. M. W. Greenberg. 115,515; July 4.
Lifter, Pot. R. H. Moyer. 114,369; Apr. 18.
Light bracket and shade, Combined. J. W. Brooks. 114,805; May 16.
Lighter and key ring, Combined keyhole. I. Florman. 114,210; Apr. 11.
Lighting fixture. S. A. Baker. 114,443; Apr. 25.
Lighting fixture. E. B. Kirk. 113,971; Mar. 28.
Lighting fixture. G. H. Neu. 117,033; Oct. 10.
Lighting fixture. C. E. Waltman. 115,014; May 30.
Lighting fixture. K. C. Welch. 117,301; Oct. 24.
Lighting fixture, Electric. D. H. Holden. 117,176; Oct. 17.
Lighting fixture or similar article. L. L. Stewart. 113,125; Jan. 31.
Lighting fixture or similar article. L. L. Stewart. 113,642; Mar. 7.
Lighting fixture or similar article. L. L. Stewart. 115,970–1; Aug. 1.
Lighting fixture or similar article. L. L. Stewart. 116,063; Aug. 8.
Lighting fixture or similar article. L. L. Stewart. 117,298; Oct. 24.
Lighting fixture or similar article, Corner. H. C. Alm and S. B. McDonald. 113,501; Feb. 28.
Lighting fixture unit or similar article. L. L. Stewart. 117,643; Nov. 14.
Lighting unit. C. F. Haas. 113,509; Feb. 28.
Link, Brace top. D. T. Manning. 113,974; Mar. 28.
Lock. S. R. Fraim. 115,761; July 18.
Lock for automobile doors, Safety. H. J. McDevitt. 116,350; Aug. 29.
Lock for luggage cases or the like. A. Levine. 114,188–91; Apr. 11.
Lock for luggage cases or the like. A. Levine. 117,954–5; Dec. 5.
Lock for luggage containers or the like. A. Levine. 117,101; Oct. 10.
Lock or similar article, Venetian blind cord. J. Nisenson. 113,898; Mar. 21.
Lock set. E. C. Steffens. 115,981; Aug. 1.
Locket. O. M. Burke. 113,506; Feb. 28.
Locomotive. H. Dreyfuss. 116,180; Aug. 15.
Locomotive body. L. A. Knickerbocker. 113,563; Feb. 28.
Locomotive, Mine. H. F. Flowers. 118,261; Dec. 26.
Loom, Rug-making. C. Lovgren, W. J. Burgess, and V. P. Guild. 112,814; Jan. 3.
Lubricant dispensing apparatus. A. F. Dean. 115,646; July 11.
Lubricant dispensing apparatus. A. F. Dean. 117,782–3; Nov. 28.
Lubricator, Oil. O. H. Jung. 115,966; Aug. 1.
Lug, Silo. P. Rutten. 117,960; Dec. 5.
Luminaire. L. C. Doane. 113,837; Mar. 21.
Lyre for a piano. E. Gugler. 113,629; Mar. 7.
Lyre for a piano. H. R. Heller. 113,741; Mar. 14.
Macaroni. G. Tanzi. 116,617; Sept. 12.
Magnifying device. C. H. Kibbe. 117,772; Nov. 21.
Manicure applicator and cleaning device, Combination. M. T. Brekke. 116,216; Aug. 22.
Manicuring device. E. Bocchino. 114,390; Apr. 18.
Mantelpiece-ornament or similar article. I. Defren. 115,846–7; July 25.
Marker and urn, Combined grave. S. C. Dreher. 116,818; Sept. 26.
Marker, Grave. F. F. Florig. 113,536; Feb. 28.
Marker, Grave. F. F. Florig. 114,099; Apr. 4.
Marker, Grave. F. F. Florig. 114,576; May 2.
Marker, Grave. D. W. Fowler. 113,537; Feb. 28.
Marker, Highway. A. W. Happel. 112,835; Jan. 3.
Marker, Highway. F. T. Ranney. 117,675; Nov. 21.
Marker, Highway. C. E. Summers and W. A. Engelhart. 116,584; Sept. 12.
Marker, Highway traffic. L. M. Wise. 113,298; Feb. 7.
Marker, Lane. R. H. Osbrink. 115,236; June 13.
Marker, Traffic. O. H. Hershman. 115,333; June 20.
Marker, Zone. R. H. Osbrink. 113,522; Feb. 28.
Mask and respirator, Combined. H. M. Dodge and H. T. Kraft. 116,023; Aug. 8.
Mask, Beauty. L. Mehl. 113,429; Feb. 21.
Mask, Electric facial. S. Dansk. 113,926; Mar. 21.
Mask for photographic test strips. A. J. Haynes. 116,953; Oct. 3.
Mask for a typewriting machine. N. J. Dowd and H. J. Hart. 113,892; Mar. 21.
Mask, Inhalation. W. M. Boothby, A. H. Bulbulian, and W. R. Lovelace. 113,984; Mar. 28.
Massage device. G. Schwarz. 117,337; Oct. 24.
Mat. S. Frye. 118,114; Dec. 19.
Mat, Floor. D. R. Cotterman. 116,363; Aug. 29.
Mat for a drinking glass or the like, Table. W. J. Fischbein. 113,382; Feb. 21.
Mat or similar article. T. L. Leishman. 115,478–81; June 27.
Mattress, Surf. R. M. and D. A. Banks. 116,359; Aug. 29.
Matzo. I. Streit. 115,322; June 20.
Measuring device. D. M. Noth. 116,049; Aug. 8.
Meat tenderer. Q. Beltram. 117,967; Dec. 5.
Meat tenderer. E. A. Hornbostel. 113,307; Feb. 14.
Medal or similar article. J. Granat. 118,232–3; Dec. 26.
Medal or the like. H. C. Vaisey. 118,028; Dec. 12.
Medal, Prayer. G. B. Hovey. 117,451; Nov. 7.
Medallion or the like. S. Meisel. 113,975; Mar. 28.
Medallion, Picture exhibiting. B. Hammer. 115,332; June 20.
Member for control apparatus, Finger operated. W. L. Dunn and R. C. Marholz. 112,901; Jan. 10.
Memo-apparatus for automobiles. J. R. Otter. 118,167; Dec. 19.
Memorandum recording device. R. W. Lambert. 117,336; Oct. 24.
Metal for metal containers, Lithographed sheet. E. E. Engstrom. 114,531–2; May 2.
Meter, Parking. J. M. Johnson. 117,371; Oct. 31.
Meter, Parking. B. Reznak. 116,805; Sept. 26.
Microphone, Throat. A. E. Woodruff and A. F. Horlacher. 117,003; Oct. 3.
Mill, Coffee. L. Blazey. 118,149; Dec. 19.
Mirror. A. Marchand. 116,567; Sept. 12.
Mirror. A. J. Oker. 115,121; June 6.
Mirror. S. Silverman. 115,839; July 25.
Mirror. S. Silverman. 116,353; Aug. 29.
Mirror and direction indicator, Combination. L. R. Soderberg. 115,802; July 18.
Mirror and support therefor, Combined rear view. C. E. Morley. 117,072; Oct. 10.
Mirror and support therefor, Combined rear view. O. C. Ritz-Woller. 116,053; Aug. 8.
Mirror back or similar article. R. Conant. 115,845; July 25.
Mirror back or similar article. E. S. Kent. 113,424; Feb. 21.
Mirror back or similar article. N. S. Whiting. 115,863; July 25.
Mirror, Hand. M. H. Storch. 115,222; June 13.
Mirror head for washfountains. H. A. Mullett. 115,268; June 13.
Mirror, match box holder and ashtray, Combination. J. Kay. 116,267; Aug. 22.
Mirror or similar article. B. M. Quint. 114,313; Apr. 11.
Mirror or similar article. W. S. Warren. 117,409; Oct. 31.
Mirror or similar article, Illuminable. G. Lazarus. 114,451; Apr. 25.
Mitt. A. N. Spanel. 118,220; Dec. 19.
Mitt, Bath. S. C. Pearson. 113,093; Jan. 24.
Mitt, Soft-ball. A. J. Turner. 112,819; Jan. 3.
Mitten. K. D. Henderson. 114,680; May 9.
Mixer and beater, or the like, Combined culinary. H. M. Erickson. 116,798; Sept. 26.
Mixer and food chopper unit, Combined electric. H. M. A. Strauss. 118,270; Dec. 26.
Mixer, Beverage. A. U. Hook. 115,517; July 4.
Mixer, Concrete. R. R. Parks. 113,365; Feb. 14.
Mixer, Dough. H. Van Doren. 115,511; July 4.
Mixer, Drink. J. F. Barnes and J. O. Reinecke. 118,225; Dec. 26.
Mixer, Electric food. H. M. A. Strauss. 117,763; Nov. 21.
Mixer, Food. E. R. Haemac. 112,956; Jan. 17.
Mold and shovel, Combination wooden sand. K. Bojesen. 117,555; Nov. 14.
Mold, Culinary. A. Napolillo. 114,900; May 23.
Mold displacing apparatus. J. W. West. 113,247; Feb. 7.
Mold or similar article, Dessert. S. C. Brickley. 117,346–7; Oct. 31.
Molding. W. Justema. 113,000–3; Jan. 24.
Molding or similar article, Corner. W. L. Bonnell. 117,893; Dec. 5.

Molding strip. W. L. Bonnell. 115,247; June 13.
Monogram unit for necktie holders or the like, Framed. F. P. Kinsley. 116,802; Sept. 26.
Monoplane. P. H. Kemmer and C. E. Reichert. 118,285; Dec. 26.
Monoplane, High wing cantilever. J. G. Taylor, R. C. Wilson, and O. A. Swanson. 114,626; May 2.
Monoplane, Low wing cantilever. J. G. Taylor, R. C. Wilson, and O. A. Swanson. 114,417; Apr. 18.
Monoplane, Symmetrically sectioned, all wing cantilever. J. G. Taylor and O. A. Swanson. 114,851; May 16.
Mop cloth. O. Muckenhirn. 115,339; June 20.
Mop head, Dust. O. T. Schaefer. 112,887; Jan. 10.
Motor. J. F. Barnes and J. O. Reinecke. 118,224; Dec. 26.
Motor and mounting panel, Combined radio tuning. E. L. Barrett. 113,727; Mar. 14.
Motor and power unit for electric food devices, Combined electric. H. M. A. Strauss. 117,764; Nov. 21.
Motor, Electric. G. F. Bahr. 115,018; May 30.
Motor, Electric gear shift. H. E. Reeder. 117,306; Oct. 24.
Motor for boats, Outboard. J. R. Morgan. 114,597; May 2.
Motor for toy airplanes. T. R. Arden. 115,974; Aug. 1.
Mounting for fishing reels. H. F. Wilson. 116,927; Oct. 3.
Mounting, Ophthalmic. R. T. Cook. 116,258–9; Aug. 22.
Mounting, Ring. F. Milhening. 113,011; Jan. 24.
Mouthpiece for smoking pipes, cigarette holders, or similar articles. R. Hirsch. 117,975; Dec. 5.
Mower, Lawn. M. H. Kluter. 116,846–7; Sept. 26.
Mower, Sickle. A. Stark. 117,965; Dec. 5.
Muff and pocketbook, Combination. W. Taks. 116,525; Sept. 5.
Muff or similar article. H. Block. 115,369; June 20.
Mug. V. J. Bergeron. 117,550; Nov. 14.
Mug and shaving cream dispenser, Combined shaving. A. Lange. 113,461; Feb. 21.
Musical instrument, Electrical. G. H. Stephens. 113,021; Jan. 24.
Musical instrument for playing bugle calls or the like. C. E. Barber. 115,512; July 4.
Musical instrument of a flute-like nature. E. J. Fitchhorn. 115,616; July 11.
Nail, Decorative. H. Chalfin. 116,218; Aug. 22.
Nail, Decorative. H. Chalfin. 117,421; Oct. 31.
Nail, Decorative. J. Keller. 115,853; July 25.
Name finder. A. J. Meier. 114,090; Apr. 4.
Napkin. R. Rubino. 115,377; June 20.
Napkin, Paper. S. Nakashima. 115,215; June 13.
Necklace. K. M. Dick. 114,516; Apr. 25.
Negligee. I. Herdegen. 117,426; Oct. 31.
Negligee. I. Herdegen. 118,336; Dec. 26.
Necklace. A. Philippe. 113,938; Mar. 21.
Necklace. A. Philippe. 114,137; Apr. 4.
Necklace. A. Philippe. 114,139; Apr. 4.
Necklace. A. Philippe. 114,141; Apr. 4.
Necklace. A. Philippe. 116,378; Aug. 29.
Necklace. A. Philippe. 116,575; Sept. 12.
Necklace. O. Tritt. 118,255; Dec. 26.
Neckpiece, Flexible. M. Silverman. 116,246; Aug. 22.
Negligee. E. E. Stricker. 113,824; Mar. 14.
Nightgown or similar article. H. Shaffer. 114,310; Apr. 11.
Nosing strip or similar article. W. L. Bonnell. 117,685–6; Nov. 21.
Novelty, Gift. J. Hollander. 113,226; Feb. 7.
Novelty miniature bar. D. W Dunberg. 116,459; Sept. 5.
Novelty puzzle. H. H. Wightman. 116,469; Sept. 5.
Nozzle and handle, Combined hose. C. H. Smith. 113,174; Jan. 31.
Nozzle end for a thermohydrometer or the like. L. Edelmann. 113,553; Feb. 28.
Nozzle, Suction. L. Guild. 116,932; Oct. 3.
Nozzle, Vacuum cleaner. G. E. Lofgren. 116,593; Sept. 12.
Numeral for birthday cake, Age indicating. F. Fuller. 117,730; Nov. 21.
Nutcracker. G. J. Moeller. 113,463; Feb. 21.
Nutcracker or the like. J. Decsman. 117,726; Nov. 21.
Nutcracker, Souvenir. P. Tourian. 117,623; Nov. 14.
Oceanplane. J. V. Martin. 114,122; Apr. 4.
Oilcloth or similar article. C. F. Scholle. 116,833; Sept. 26.
Oilcloth or similar article. C. F. Scholle. 117,502; Nov. 7.
Opener, Can. M. J. Zimmer. 115,140; June 6.
Opener, can closure, and measuring cup, Combined can. H. M. Bradford. 117,054; Oct. 10.
Opener, Letter. M. C. Dellinger. 115,310; June 20.
Ophthalmic instrument. W. F. Peck. 114,487; Apr. 25.
Ornament, Christmas Tree. P. Krantz and A. P. Schmid. 113,848; Mar. 21.
Ornament, Christmas tree. P. Kranz and A. P. Schmid. 117,789; Nov. 28.
Ornament for graves. V. J. Schultz. 118,025; Dec. 12.
Ornament, Hair. L. J. Gagnon. 113,205; Jan. 31.
Ornament or similar article, Automobile radiator. B. E. Lemm. 116,467; Sept. 5.
Ornament or similar article, Christmas tree. 115,787; July 18.
Ornament or similar article, Hair. E. Adelstein. 116,731; Sept. 19.
Ornament or similar article, Hair. E. Adelstein. 118,032; Dec. 12.
Ornament or similar article, Radiator. L. Maxenberger. 115,000; May 30.
Ornament or similar article, Vehicle. J. D. Wilson. 114,358; Apr. 18.
Ornament or the like, Decorative wall. F. D. Lynch. 115,446; June 27.
Ornament or the like, Desk. H. J. Agnew. 114,888; May 23.
Ornament or the like, Desk. I. Defren. 115,251; June 13.
Ornament plate, Automobile. J. J. Sapione. 118,057; Dec. 12.
Ornamentation transfer sheet for china ware or the like. J. H. Perry. 114,979; May 23.
Oven, Serving. R. N. Kircher. 115,821; July 18.
Overall ensemble. W. Friedman. 114,016; Mar. 28.
Overshoe. B. B. Craver. 113,964; Mar. 28.
Overshoe. L. B. Fitzgerald. 114,993; May 30.
Overshoe. H. C. Watson. 114,035; Mar. 28.
Overshoe or similar article. L. B. Fitzgerald. 114,992; May 30.
Overshoe or similar waterproof article. H. A. Stuart. 116,634–5; Sept. 12.
Ozone machine. J. E. Kenney. 115,500–1; July 4.
Ozonizer. S. Held. 117,564; Nov. 14.
Package wrapper. C. Doering. 118,342; Dec. 26.
Pad and clock, Combined appointment. N. Sandor. 114,472; Apr. 25.
Pad, Appointment. D. M. Wright. 117,681; Nov. 21.
Pad, Illuminated writing. C. R. Good and W. T. Hegg. 117,096; Oct. 10.
Pad, Portable beach. R. L. Ficks. 116,558; Sept. 12.
Padlock. K. C. Bugg. 115,645; July 11.
Padlock. S. Wise. 117,838; Nov. 28.
Pan, Baking. R. C. Pater. 113,761; Mar. 14.
Pan, Baking. R. C. Pater. 114,766; May 16.
Pan, Broiler. S. H. Hobson. 117,734; Nov. 21.
Pan, Glass frying. J. C. Francis. 115,395; June 27.
Panel and support for timer, controls and condiment set for stoves, Combined backguard. R. E. Kruck. 116,958; Oct. 3.
Panel board and housing for dental X-ray machines, Control. E. B. Graves and R. J. Stava. 115,231; June 13.
Panel for a compact or similar article. G. Rosenberg. 115,676; July 11.
Pants. A. N. Spanel. 114,162; Apr. 4.
Paper, Decorative. M. Cohen. 116,873; Sept. 26.
Paper, Decorative. C. W. von Ehrn. 113,925; Mar. 21.
Paper, Decorative. C. W. von Ehrn. 115,279; June 13.
Paper for tailors' Marking. M. Salee. 117,076; Oct. 10.
Paper or similar article, Box cover. H. S. Lenz. 112,813; Jan. 3.
Paper or similar article, Decorative. A. Baron. 116,872; Sept. 26.
Paper or similar article, Wrapping. H. M. Sinclair. 115,980; Aug. 1.
Paper, Safety. J. Mehlman. 115,692; July 11.
Paperweight, Jayhawk. W. A. McClain. 117,106; Oct. 10.
Partition or similar article, Draped. M. Lange. 113,930; Mar. 21.
Pastry crust. B. Lambers. 117,280; Oct. 24.
Pedestal for oil burners or the like. R. W. Beckett. 115,681; July 11.
Peeler, Citrus fruit. P. J. Ouellette. 116,192; Aug. 15.
Pen and pencil clip, Fountain. K. Weisser. 114,095; Apr. 4.
Pen barrel, Fountain. K. S. Parker and M. S. Baker. 116,098; Aug. 8.
Pen, Fountain. K. S. Parker and M. S. Baker. 116,097; Aug. 8.
Penholder. J. Lusareta. 114,791; May 16.
Pen or similar article, Fountain. H. Zoll. 117,839; Nov. 28.
Pen point. S. E. Longmaid. 115,868; July 25.
Pencil. F. C. Deli, E. Petau, and G. W. Tammen. 114,529–30; May 2.
Pencil. K. Kreutzer. 114,955; May 23.
Pencil and thermometer, Combined. J. G. Lipic, Jr. 114,899; May 23.
Pencil or similar article, Mechanical. N. D. Fish. 115,288; June 20.
Pencil or similar article, Mechanical. M. Kahn. 113,633; Mar. 7.
Pencil sharpener. E. C. Hoffmann. 117,901; Dec. 5.
Pencil tip. J. S. Rackford and E. C. Kubler. 116,412; Aug. 29.
Pendant. A. Katz. 118,122; Dec. 19.
Pendant or similar article. A. Fehr. 113,222; Feb. 7.
Pendant or the like. G. G. Squire. 117,051; Oct. 10.
Permanent wave machine. S. W. Rosenthal. 115,131; June 6.
Phonographs, Control device for. R. Patten. 114,123; Apr. 4.
Photocopying machine, Portable. R. H. Fullerton. 114,585; May 2.
Photographic enlarger. J. W. Gillon. 113,361; Feb. 14.
Photographic enlarger. R. Simmon. 116,151; Aug. 15.
Photographic exposure calculator. H. A. Wennerholm. 118,063; Dec. 12.
Piano. H. R. Heller. 115,498–9; July 4.
Piano. H. R. Heller. 116,264; Aug. 22.
Piano. H. R. Heller. 118,116; Dec. 19.
Piano. P. R. Manfré. 115,934; Aug. 1.

Piano. W. Zaiser. 112,803–4; Jan. 3.
Piano. W. Zaiser. 115,639; July 11.
Piano. W. Zaiser. 117,085; Oct. 10.
Piano, Grand. E. Gugler. 113,631; Mar. 7.
Piano leg. E. Gugler. 113,630; Mar. 7.
Pick-up device for game pieces. J. A. Hancock, Sr. 115,789; July 18.
Picture and music record and suport for same, Combination. A. Sova. 117,584; Nov. 14.
Picture viewer or similar article, Electrically illuminated. V. Ronacher. 115,766; July 18.
Pillow. A. Kandell. 118,319; Dec. 26.
Pillowcase. T. Rembrecht. 116,108; Aug. 8.
Pillow covering or similar article. B. Norman. 118,265; Dec. 26.
Pin. H. Hartman. 117,563; Nov. 14.
Pin. J. B. Stinson. 116,064–5; Aug. 8.
Pin. J. B. Stinson. 118,254; Dec. 26.
Pin, Apparel. F. N. Lewis. 114,226; Apr. 11.
Pin, Brooch. J. H. Leff. 114,225; Apr. 11.
Pin, Clip. J. Hirsch. 114,218; Apr. 11.
Pin, Clip. A. Katz. 114,219–21; Apr. 11.
Pin, Clip. A. Katz. 114,282–3; Apr. 11.
Pin, Clip. A. Katz. 114,483–6; Apr. 25.
Pin-clip. J. H. Leff. 114,027–28; Mar. 28.
Pin clip. J. H. Leff. 117,925–9; Dec. 5.
Pin clip. A. Philippe. 113,523–4; Feb. 28.
Pin clip. A. Philippe. 113,786–90; Mar. 14.
Pin, Clip. A. Philippe. 114,135–6; Apr. 4.
Pin, Clip. A. Philippe. 114,138; Apr. 4.
Pin, Clip. A. Philippe. 114,140; Apr. 4.
Pin, Clip. A. Philippe. 114,234–8; Apr. 11.
Pin, Clip. A. Philippe. 114,296–7; Apr. 11.
Pin, Clip. A. Philippe. 114,488–93; Apr. 25.
Pin clip. G. Verrecchio. 117,802; Nov. 28.
Pin cushion and spool holder, Combined. J. F. Uhlir. 115,696; July 11.
Pin for supporting ornamental medals or the like. M. Lake. 116,713; Sept. 19.
Pin, Novelty. A. Frankenthaler. 117,689; Nov. 21.
Pin, Novelty. W. M. Gustin. 114,447; Apr. 25.
Pin or similar article. D. Cooper. 112,933–4; Jan. 17.
Pin or similar article. D. Cooper. 112,938; Jan. 17.
Pin or similar article. D. Cooper. 115,907–8; Aug. 1.
Pin or similar article. D. Cooper. 115,950; Aug. 1.
Pin or similar article. O. Pennino. 114,905; May 23.
Pin or similar article, Brooch. C. Adler. 115,679; July 11.
Pin or similar article, Brooch. R. K. de Caracena. 117,393; Oct. 31.
Pin or similar article, Clip. J. Hirsch. 115,402; June 27.
Pin or similar article, Novelty. M. Genser. 117,366; Oct. 31.
Pinking machine. V. J. Sigoda. 113,050; Jan. 24.
Pipe. J. Galter. 116,494; Sept. 5.
Pipe. H. Hacker. 117,715; Nov. 21.
Pipe coupling elbow. W. R. Wilson. 117,590; Nov. 14.
Pipe extension, Exhaust. L. E. Russell. 112,848; Jan. 3.
Pipe extension, Exhaust. L. E. Russell. 116,299–301; Aug. 22.
Pipe, Smoking. G. Cippico. 115,026; May 30.
Pipe, Smoking. G. Cippico. 117,391; Oct. 31.
Pipe, Smoking. W. Fuhrmann. 117,395; Oct. 31.
Pipe, Tobacco smoking. J. W. Kurtz. 117,567; Nov. 14.
Pitcher. F. Flexon. 117,062; Oct. 10.
Pitcher and cover therefor, Combined. R. E. Kruck. 115,833; July 25.
Pitcher, Cream. L. J. Mitchell. 116,373; Aug. 29.
Pitcher or article of similar nature, Glass cream. F. S. Barbiers. 115,828; July 25.
Placard, Changeable order. M. A. Blitzer. 115,829; July 25.
Placard or the like, Display. A. O. Schilling. 115,941; Aug. 1.
Plaque. L. Clarke. 112,873; Jan. 10.
Plaque. M. M. Ferguson. 116,263; Aug. 22.
Plaque. L. C. and A. F. Kotz. 115,410; June 27.
Plaque or analogous article, Decorative wall. 118,052; Dec. 12.
Plaque or similar article. W. S. Benners. 118,226; Dec. 26.
Plaque or the like. C. C. Meisel. 116,468; Sept. 5.
Plaque, Wall. W. H. Darby. 117,804; Nov. 28.
Plastic sheet or similar article. H. E. Smith. 117,049; Oct. 10.
Plate. F. Guildford. 113,306; Feb. 14.
Plate. J. H. Wilson. 117,387; Oct. 31.
Plate, Buffet. A. Brandes. 115,730; July 18.
Plate, Coffee bottle supporting. M. H. Emmer. 115,649; July 11.
Plate, Escutcheon. R. G. Fordyce. 116,184–6; Aug. 15.
Plate for a combined radio dial and control panel or the like, Escutcheon. Le R. J. Leishman. 117,522; Nov. 7.
Plate for a signal casing, Face. M. C. Brady. 115,949; Aug. 1.
Plate for heat exchanger. C. B. Dalzell. 115,441; June 27.
Plate for oil burning stoves, Baffle. C. F. Wiley. 115,946; Aug. 1.
Plate or article of similar nature, Glass cake. F. S. Barbiers. 116,791; Sept. 26.
Plate or article of similar nature, Glass sandwich. F. S. Barbiers. 116,789; Sept. 26.
Plate or article of similar nature, Glass torte. T. C. Heisey. 114,183; Apr. 11.
Plate or similar article. E. M. Bottome. 115,665–6; July 11.
Plate or similar article. D. Bourne. 114,670; May 9.
Plate or similar article. Y. Buma. 112,921–32; Jan. 17.
Plate or similar article. W. J. Frey. 114,175; Apr. 11.
Plate or similar article. M. Gougler. 117,840; Nov. 28.
Plate or similar article. D. Johnson. 116,743; Sept. 19.
Plate or similar article. R. A. Kelly. 117,374; Oct. 31.
Plate or similar article. A. J. Koch. 112,945; Jan. 17.
Plate or similar article. C. W. Leigh. 112,839; Jan. 3.
Plate or similar article. C. W. Leigh. 114,072–83; Apr. 4.
Plate or similar article. C. W. Leigh. 114,107; Apr. 4.
Plate or similar article. C. W. Leigh. 114,309; Apr. 11.
Plate or similar article. C. W. Leigh. 114,402; Apr. 18.
Plate or similar article. C. W. Leigh. 114,452; Apr. 25.
Plate or similar article. C. W. Leigh. 114,684; May 9.
Plate or similar article. C. W. Leigh. 117,790–4; Nov. 28.
Plate or similar article. C. W. Leigh. 117,811–20; Nov. 28.
Plate or similar article. L. Pfuhl. 115,350; June 20.
Plate or similar article. G. Sakier. 115,800; July 18.
Plate or similar article. V. Skellern. 114,908; May 23.
Plate or similar article. V. Skellern. 115,767; July 18.
Plate or similar article. V. Skellern. 116,060; Aug. 8.
Plate or similar article. A. M. Walker. 113,311; Feb. 14.
Plate or similar article. A. M. Walker. 113,774; Mar. 14.
Plate or similar article. A. M. Walker. 115,840; July 25.
Plate or similar article. J. T. Wigley. 114,573; May 2.
Plate or similar article. M. G. Yutzey. 115,637; July 11.
Plate or the like. L. Cruveilher. 114,173; Apr. 11.
Plate or the like. L. Guild. 117,712; Nov. 21.
Plate or the like, Molded. W. H. Randall. 115,524; July 4.
Plate, Oyster. A. W. Dixon. 113,836; Mar. 21.
Plate, Salad. I. J. Heath. 115,399; June 27.
Plate, Service. R. G. Keenan. 117,478; Nov. 7.
Platter or similar article. R. A. Barter. 117,549; Nov. 14.
Platter or similar article, Serving. S. Forman. 115,617; July 11.
Platter or similar article, Serving. C. K. Smith. 113,856; Mar. 21.
Plug, Electrical. L. P. Clark, Jr. 117,216; Oct. 17.
Plug for bathtubs, sinks and the like. E. Gassman. 116,024; Aug. 8.
Plug, Spark. A. C. Lipp. 117,232; Oct. 17.
Pomade and holder therefor, Combined hair. F. M. Waite. 115,678; July 11.
Post, Fence. W. B. Caldwell and E. F. Peters. 115,540; July 4.
Post, Fence. S. H. Petterson. 117,047; Oct. 10.
Pot, Bean. C. C. Soule. 112,951; Jan. 17.
Pouch, Knife. E. M. Cook. 115,248; June 13.
Power drive unit for use with hand cutting tools, Electric. R. B. Pealer. 114,720; May 9.
Power drive unit for use with hand cutting tools, Electric. W. A. Phillis. 116,830; Sept. 26.
Power plant unit. F. Jervis. 114,952; May 23.
Press. W. Ernst, and H. Van Doren. 114,321; Apr. 18.
Press. W. Ernst and H. Van Doren. 115,650; July 11.
Press. J. A. Muller. 116,169; Aug. 15.
Press and frame, Combined drill. W. Ayres. 117,777; Nov. 28.
Press, Arbor. S. Mandl. 116,269; Aug. 22.
Press frame. G. E. Munschauer. 113,520; Feb. 28.
Press or similar article, Seal. M. H. and W. Jackson. 114,149; Apr. 4.
Press, Tennis racket. G. J. Graham. 114,995; May 30.
Printer and holder therefor, Combined photographic. C. F. Wolters and A. H. Tober. 115,776; July 18.
Printer, Photographic. C. F. Wolters and A. H. Tober. 115,775; July 18.
Printing machine. F. E. Curtis. 114,842; May 16.
Printing machine, Portable. H. W. Boetticher. 115,074; May 30.
Projection viewing apparatus. R. S. Hopkins. 114,789; May 16.
Projector. H. F. Kurtz and B. J. Wolfe. 113,515; Feb. 28.
Projector. J. Tuomey. 114,275; Apr. 11.
Projector and pedestal therefor, Combination motion picture. K. Brankert. 114,259; Apr. 11.
Projector and pedestal therefor, Combination motion picture. K. Brenkert. 115,386; June 27.
Projector, Light. O. E. Trautmann. 118,293; Dec. 26.
Projector, Motion picture. P. F. Sperry. 115,771; July 18.
Projector or similar article, Icon. A. G. Dannell. 116,132; Aug. 15.
Projector, Sound on film motion picture. A. Shapiro. 114,272; Apr. 11.
Propeller shaft strut and rudder support, Combined. A. J. Higgins. 113,694; Mar. 7.
Protector, Automobile grille. R. N. Wiesenberger. 114,247; Apr. 11.
Psychoanalysis device, Color. I. Kenway. 114,683; May 9.
Pump. E. M. Deters. 115,814; July 18.
Pump. C. Karstadt. 113,845–6; Mar. 21.

Pump. C. G. Walters, and K. R. Knowles. 114,669; May 9.
Pump. S. J. Waxelbaum. 118,297; Dec. 26.
Pump, Air control. M. W. Hartmann. 118,115; Dec. 19.
Pump and motor unit, Centrifugal. F. Stadelhofer. 117,153; Oct. 17.
Pump, Measuring. W. D. Bost. 116,813; Sept. 26.
Pump, Radial. H. Van Doren and G. Geiger. 116,253; Aug. 22.
Pump, Sprayer. C. A. Pipenhagen. 112,845; Jan. 3.
Pump unit, Electric water. M. L. Williams. 115,244; June 13.
Pump unit, Radial. H. Van Doren and G. Geiger. 116,252; Aug. 22.
Pump unit, Water. E. E. Eickmeyer, S. L. Butler, and H. J. Rothermel. 115,648; July 11.
Punch and pouring spout, Combined can. J. D. Julius. 117,506; Nov. 7.
Punch, Ticket. A. R. Heise. 113,225; Feb. 7.
Purse, Change. D. J. Nash. 114,030; Mar. 28.
Puzzle. D. Babcock. 113,650; Mar. 7.
Puzzle. I. Steinhardt. 118,253; Dec. 26.
Quilt. J. Davis. 115,688; July 11.
Rack and lighting fixture, or similar article, Combined baggage. C. M. Verhagen. 118,272; Dec. 26.
Rack and toilet article container, Combined tie. J. Romano. 118,172; Dec. 19.
Rack, Comb holder. N. J. Bardaville. 115,728; July 18.
Rack, Display. W. Bushberg. 114,986; May 30.
Rack, Display. E. H. Erickson. 117,728; Nov. 21.
Rack, Display. E. P. May. 114,227–8; Apr. 11.
Rack, Display. A. H. Paschell. 115,124; June 6.
Rack, Display. L. A. Shelton. 116,383; Aug. 29.
Rack, Display. R. W. Smith. 116,767; Sept. 19.
Rack for periodicals. R. W. Stavely. 116,581–3; Sept. 12.
Rack, Hat. F. Jacobius. 115,870; July 25.
Rack, Knife. S. Vallon. 115,013; May 30.
Rack, Merchandise display. M. C. Houle. 116,562; Sept. 12.
Rack, Merchandise display. M. G. Houle. 118,117; Dec. 19.
Rack, Merchandise display. H. S. Pakula. 115,292; June 20.
Rack, Merchandise display. J. Trojan. 118,140; Dec. 19.
Rack, Money. A. Popper. 113,542; Feb. 28.
Rack or similar article, Detachable towel. R. S. Sanford. 115,856; July 25.
Rack or similar article, Display. E. R. Erickson. 113,732; Mar. 14.
Rack or similar article, Display. E. R. Erickson. 115,103–4; June 6.
Rack or similar article, Display. E. R. Erickson. 116,224; Aug. 22.
Rack or similar article, Magazine. O. C. Hobson. 114,186; Apr. 11.
Rack or similar article, Tie. P. L. Lazarus. 112,779; Jan. 3.
Rack, Phonograph record. W. F. Brotzman and B. H. Statter. 114,671; May 9.
Rack, Piano music. H. R. Heller. 116,265; Aug. 22.
Rack, Pinochle scoring. J. W. Bates. 113,214; Feb. 7.
Rack, Shoe. S. G. Arch. 116,393; Aug. 29.
Rack, Supporting bar. O. O. Hobson. 115,113; June 6.
Rack, Tie. C. E. Daniels. 118,111; Dec. 19.
Rack, Tie. B. B. Manaster. 116,566; Sept. 12.
Rack, Tie. P. Pestyner. 112,962; Jan. 17.
Rack, Tumbler. A. J. Havlis. 113,037; Jan. 24.
Rack, Tumbler. A. J. Havlis. 114,397; Apr. 18.
Rack, Tumbler. A. J. Havlis. 117,042; Oct. 10.
Radio and advertising display, Combined. L. F. Van Schuck. 116,093; Aug. 8.
Radio or similar article. K. Lerman. 115,413; June 27.
Radio receiver, Portable. H. C. Mattes. 116,270; Aug. 22.
Radio receiving set. D. Housman. 115,148–9; June 6.
Radio set. H. J. Tyzzer. 113,924; Mar. 21.
Radio set, Automobile. G. G. Brittan. 114,632; May 9.
Radio set, Automotive. G. W. Bill. 118,151; Dec. 19.
Radio set or the like, Automobile. G. W. Bill. 117,490; Nov. 7.
Rail bond terminal. H. P. Chandler. 117,781; Nov. 28.
Rail, Prayer. F. M. Wojtalewicz. 116,354; Aug. 29.
Range. E. S. Criddle. 117,946; Dec. 5.
Range. E. R. Culver, Jr. 113,551; Feb. 28.
Range. D. L. Hadley. 117,561; Nov. 14.
Range. C. J. Kessler. 115,044; May 30.
Range. W. F. Rogers. 115,362; June 20.
Range. C. F. Wiley. 115,059; May 30.
Range, Coal. A. R. Pierce. 113,278; Feb. 7.
Range, Cooking. E. L. Baker. 115,019; May 30.
Range, Cooking. J. A. Underwood. 116,389–90; Aug. 29.
Range, Electric. W. J. Russell and D. L. Hadley. 113,290; Feb. 7.
Range, Kitchen. M. R. Lehman. 117,148; Oct. 17.
Range or analogous article. W. C. Lindemann. 116,370; Aug. 29.
Range or similar article. A. Barnsteiner and D. L. Hadley. 112,974; Jan. 17.
Range or similar article, Electric. W. C. Ayers. 113,415; Feb. 21.
Range, Table-top. J. E. Leonard. 114,339; Apr. 18.
Razor, Electric. J. Galter. 114,325–6; Apr. 18.
Razor, Electric. H. J. Rand and W. H. Nichols. 113,854; Mar. 21.
Razor, Electric. J. O. Reinecke. 115,130; June 6.
Reamer, juice strainer, and extractor, Combination. R. R. Spira. 114,201; Apr. 11.
Rebound device for a pin-ball game apparatus. C. E. Caestecker. 118,011; Dec. 12.
Receiver, Ash. J. D'Amaro. 114,013; Mar. 28.
Receptacle and ash receiver, Combined cigarette. J. A. Zidek. 117,237; Oct. 17.
Receptacle and cover therefor, Combined. W. T. Stopa. 115,160–61; June 6.
Receptacle and match package holder, Combined cigarette package. F. L. Grant. 116,930; Oct. 3.
Receptacle and support, Combination beverage dispenser. E. C. Scanlon. 116,522; Sept. 5.
Receptacle, Ash. P. L. Zesbaugh. 113,589; Feb. 28.
Receptacle, Beverage mixer. A. U. Hook. 115,965; Aug. 1.
Receptacle, Flexible pocket. W. R. Buxton. 113,322; Feb. 14.
Receptacle, Flexible pocket. W. R. Buxton. 113,728–9; Mar. 14.
Receptacle, Flexible pocket. W. R. Buxton. 114,694; May 9.
Receptacle, Flexible pocket. W. R. Buxton. 116,792; Sept. 26.
Receptacle, Flexible pocket. W. R. Buxton. 116,837; Sept. 26.
Receptacle, Flexible pocket. W. R. Buxton. 117,390; Oct. 31.
Receptacle for batteries or similar articles. R. Reppert. 112,914; Jan. 10.
Receptacle for batteries or similar articles. R. Reppert. 113,283; Feb. 7.
Receptacle for beer scrapers or the like. C. A. McBride. 115,211; June 13.
Receptacle for beer scrapers or the like and support, Combination. C. A. McBride. 115,212; June 13.
Receptacle for paper tissues and the like. R. Munson, I. M. Lax, and M. Silverstein. 115,419; June 27.
Receptacle for perfume bottles or the like. T. J. Ignall and E. Penker. 118,045; Dec. 12.
Receptacle or similar article, Razor blade. I. S. Bodkin. 117,917; Dec. 5.
Receptacle, Transparent food. H. V. Sharlitt and P. J. Arnoff. 116,149–50; Aug. 15.
Recorder chart hub. N. J. Smith. 115,859; July 25.
Recorder, Time. E. G. Streckfuss. 113,354; Feb. 14.
Recording instrument or similar article, Electrical. H. A. Andersen. 115,973; Aug. 1.
Redingote. E. M. Ciccone. 113,905; Mar. 21.
Redingote. E. M. Ciccone. 114,807; May 16.
Redingote. G. Constantine. 114,425; Apr. 18.
Reel, Fishing. J. R. and H. Young. 115,841; July 25.
Reel, Lawn mower. M. H. Kluter. 116,851; Sept. 26.
Reel, Yarn. J. D. O'Neill and A. H. Sullivan. 114,031; Mar. 28.
Reflector. G. Arras. 115,097; June 6.
Reflector. J. B. Linstrom. 117,479; Nov. 7.
Reflector. D. G. Saaf. 116,725; Sept. 19.
Reflector for an automobile or the like, Safety. M. C. Magarian. 114,453; Apr. 25.
Reflecting unit, Sterilizing tube. D. P. Caverly. 117,874; Nov. 28.
Refrigerator. W. H. Adams. 114,984; May 30.
Refrigerator and cooking range, Combination. E. F. G. Hohs. 114,538; May 2.
Refrigerator, Display. F. Maresca. 117,956; Dec. 5.
Refrigerator or the like, Bottle dispensing. B. M. Vise. 114,569; May 2.
Refrigerator, Portable. J. Zitzerman. 113,029; Jan. 24.
Refrigerator, sink and cabinet, Combined. G. L. C. Earle. 115,393; June 27.
Register, Cash. W. D. Teague, W. D. Teague, Jr., and E. W. Herman. 113,900; Mar. 21.
Regulator. H. W. Carnes. 115,780; July 18.
Reminder and spice cabinet, Combined grocery. M. S. Thomas. 117,299; Oct. 24.
Respirator. H. B. Lewis. 113,271; Feb. 7.
Respirator facepiece. W. H. Lehmberg. 118,241; Dec. 26.
Ribbon. S. Graff. 114,501–3; Apr. 25.
Ribbon. J. D. Huizing. 117,343; Oct. 24.
Ribbon. T. H. Kinney. 115,518; July 4.
Ridge roll. M. L. Hunker. 112,998; Jan. 24.
Ring. J. Brophy. 113,962; Mar. 28.
Ring. L. Granat. 117,369; Oct. 31.
Ring. M. H. Herzog. 115,289; June 20.
Ring. N. Heyman. 117,495; Nov. 7.
Ring. M. Kronstadt. 115,930–1; Aug. 1.
Ring, Finger. B. Axel. 115,283; June 20.
Ring, Finger. W. Ayres. 113,959; Mar. 28.
Ring, Finger. L. S. Burri. 114,317; Apr. 18.
Ring, Finger. J. L. Crumpton. 115,250; June 13.
Ring, Finger. L. F. Heberger. 116,340; Aug. 29.
Ring, Finger. J. Lannes. 114,450; Apr. 25.
Ring, Finger. E. L. Manchester. 116,237; Aug. 22.
Ring, Finger. M. A. Reich. 115,300; June 20.
Ring, Finger. A. K. Rodgers. 116,171; Aug. 15.
Ring, Finger. A. Sager. 115,510; July 4.
Ring mounting. F. Milhening. 113,638; Mar. 7.
Ring mounting. W. H. Rothe. 117,407; Oct. 31.

Ring or similar article. S. A. Wittmayer. 113,692; Mar. 7.
Ring or similar article, Finger. F. E. Karples. 117,557; Nov. 14.
Ring or similar article, Finger. S. Kaufman. 114,761; May 16.
Ring or similar article, Finger. D. Widess. 118,031; Dec. 12.
Ring or similar article of jewelry. F. P. Kinsley. 116,466; Sept. 5.
Ring or similar article of jewelry, Finger. B. Jankowsky. 116,914; Oct. 3.
Ring or the like, Finger. J. W. Orian. 115,506; July 4.
Ring for a ski pole, Snow. J. Heddon. 116,603; Sept. 12.
Roaster. D. L. Hadley. 115,168; June 6.
Roaster or the like, Coffee. D. W. Adams and R. L. Schuhmann. 115,378–9; June 27.
Robe, Crib. B. B. Friedman. 116,907; Sept. 26.
Robot, Astrological and mystic. J. P. Wilson. 115,225; June 13.
Rocking horse, Wooden. K. Bojesen. 117,553; Nov. 14.
Rod, Curtain. S. Lester. 117,673; Nov. 21.
Rod, Curtain. P. B. Stratton. 114,564; May 2.
Rod, Curtain. P. B. Stratton. 117,205–6; Oct. 17.
Rod wall flange, Curtain. J. O. Reinecke. 113,532; Feb. 28.
Roll warmer or the like. S. A. Platt. 115,298; June 20.
Roller, Cosmetic spreading. P. Tresenberg. 113,690; Mar. 7.
Roller, Massage. P. Tresenberg. 114,731; May 9.
Roof for a vehicle body. P. E. Hawkins. 114,448; Apr. 25.
Roof for a vehicle body. P. E. Hawkins. 114,482; Apr. 25.
Roofing sheet. M. L. Hunker. 113,038; Jan. 24.
Roofing sheet. H. L. Olden. 115,628; July 11.
Rotisserie and barbecue stand, Combined portable. C. A. Robinson. 116,964; Oct. 3.
Rug. A. Beck. 115,087–8; May 30.
Rug. L. Biva. 112,821–2; Jan. 3.
Rug. L. Biva. 113,255; Feb. 7.
Rug. L. Biva. 114,334; Apr. 18.
Rug. L. Biva. 118,152–3; Dec. 19.
Rug. W. Brown. 116,014–15; Aug. 8.
Rug. W. von Godin. 116,870; Sept. 26.
Rug cleaning device or similar article. S. Rosen and B. M. Hulsh. 114,601; May 2.
Rug or similar article. F. A. Haas. 116,979; Oct. 3.
Rug or similar article. F. A. Haas. 117,063; Oct. 10.
Rug or similar article. W. Hoos. 114,814; May 16.
Rug or similar article. G. V. Uihlein. 117,134; Oct. 10.
Rug or similar article. G. V. Uihlein. 117,462; Nov. 7.
Rug or similar article. G. V. Uihlein. 118,182; Dec. 19.
Ruler or similar article, Combination. F. W. Fuller. 114,756; May 16.
Sachet. J. E. Vivaudou and H. C. Lubin. 117,208; Oct. 17.
Sachet and support or similar article, Combined. R. B. Darcey. 116,815; Sept. 26.
Sachet ball. J. E. Vivaudou and H. G. Lubin. 115,972; Aug. 1.
Saddle, Cycle. H. E. Kalter. 116,137; Aug. 15.
Saddle, Cycle. H. E. Kalter. 118,262; Dec. 26.
Saddle seat, Cycle. J. G. Rideout. 117,594; Nov. 14.
Sadiron or the like. W. E. Gundelfinger. 116,161; Aug. 15.
Sadiron, Steam generating electric. B. Altman and P. Stiller. 115,842; July 25.
Safe, Cake. W. Garten. 115,038; May 30.
Salt and pepper shaker, Combination. H. S. Broude. 118,148; Dec. 19.
Sandal. H. B. Axman. 114,777; May 16.
Sandal. E. Bonyhady. 115,385; June 27.
Sandal. I. M. Smith. 113,241; Feb. 7.
Sandal or similar article. H. S. Davis. 115,027–8; May 30.
Sandwich. D. A. Wallace. 114,775; May 16.
Saucepan or similar article. E. G. Grundstrom. 114,535; May 2.
Saucer or similar article. A. Langford. 118,123; Dec. 19.
Saw, Electric hand. B. Sullivan. 114,970; May 23.
Sawing machine. C. Handelman. 117,143; Oct. 17.
Scaffold end frame. R. M. Norton. 114,902; May 23.
Scaffold end frame. R. A. Uecker, D. E. Beatty, and I. G. Rambo. 114,355; Apr. 18.
Scaffold unit. G. W. Frost. 116,187–8; Aug. 15.
Scale. S. L. Hanssen. 117,900; Dec. 5.
Scale. D. A. Meeker and K. C. Allen. 117,190; Oct. 17.
Scale. B. S. Watling. 114,572; May 2.
Scale and vending device, Combined platform. C. R. Kirk. 113,006; Jan. 24.
Scale, Bathroom. C. Karstadt. 118,018; Dec. 12.
Scale, Counter. S. R. McKinney. 114,374; Apr. 18.
Scale ejector and screw driver for drafting machines, Combined. D. J. Christensen. 114,439; Apr. 25.
Scale panel. J. Watling. 117,604; Nov. 14.
Scale, Weighing. H. Unschuld. 116,302; Aug. 22.
Scale, Weighing. B. S. Watling. 115,944; Aug. 1.
Scale, Weighing. W. Watling. 116,177; Aug. 15.
Scale, Weighing. W. Watling. 118,273; Dec. 26.
Scarf. S. H. Bammon. 115,975; Aug. 1.
Scarf. J. E. Grotta. 114,446; Apr. 25.
Scarf. J. F. McCarthy and B. L. Roberts. 117,251; Oct. 17.
Scarf. H. B. Sell. 113,482; Feb. 21.
Scarf. V. Unterreiner. 114,877; May 16.
Scarf and ear muffs, Combined. E. Estel, T. Boonshaft, and E. Rovin. 117,630; Nov. 14.
Scarf or similar article. B. F. Goodman. 116,189; Aug. 15.
Scarf or similar article. B. F. Goodman. 116,875; Sept. 26.
Scarf or similar article. J. S. Madsen. 114,793–7; May 16.
Scarf or similar article. J. S. Madsen. 114,816; May 16.
Scarf, Shoulder. B. M. Bates. 113,206; Jan. 31.
Scarf, Veil. J. Steinberg. 117,724; Nov. 21.
Scissors. E. W. Carpenter. 115,906; Aug. 1.
Scooter footboard or similar article. J. G. Rideout. 118,245; Dec. 26.
Scooter, Wheeled. E. S. Towns. 113,338; Feb. 14.
Scraper and guard therefor or similar article, Combined glass. H. Siemund. 114,254; Apr. 11.
Screen, Sliding panel fire. A. Gromes. 117,142; Oct. 17.
Screw driver, Key ring. T. C. Crowley. 118,329; Dec. 26.
Scriber or the like. R. V. Hirsch. 116,933; Oct. 3.
Seat and cabinet, Combined. E. J. Schlup. 112,864; Jan. 10.
Seat, Cycle saddle. H. E. Kalter. 116,138; Aug. 15.
Seat, Cycle saddle. H. E. Kalter. 117,186; Oct. 17.
Seat, Cycle saddle. H. E. Kalter. 117,477; Nov. 7.
Seat, Cycle saddle. H. E. Kalter. 117,496; Nov. 7.
Seat spring unit. E. W. Schlappritzi. 117,322; Oct. 24.
Self-photographing apparatus. W. W. Rice. 115,631; July 11.
Separator, Centrifugal. L. D. Jones. 118,147; Dec. 19.
Separator, Cream. C. E. Butler. 113,320–1; Feb. 14.
Server, Bun. R. H. and J. V. Moebus. 113,712; Mar. 14.
Service station. R. N. Aldrich and A. H. Jaehne. 116,392; Aug. 29.
Service station. R. N. Aldrich and A. H. Jaehne. 117,032; Oct. 10.
Service station. A. B. Carmitchell. 117,214; Oct. 17.
Settee. T. H. Graf. 114,445; Apr. 25.
Setting and jewels, Combined. W. Simon. 114,649; May 9.
Sewing machine. N. V. Christensen. 118,208; Dec. 19.
Sewing machine frame. G. B. Lewis. 112,828; Jan. 3.
Sewing machine, Fur. T. C. Mladinich and S. Nicosia. 118,243; Dec. 26.
Sewing machines, Belt guard for. M. Ingwer. 117,692; Nov. 21.
Shade for lighting fixtures. E. F. Cleary. 116,943; Oct. 3.
Shade, Lamp. J. H. Angeletti. 116,357–8; Aug. 29.
Shade, Lamp. D. Borowitz. 117,163; Oct. 17.
Shade, Lamp. J. Kurzac. 113,913; Mar. 21.
Shade, Lamp. O. Sacksteder, Jr. 117,075; Oct. 10.
Shade or similar article. H. Goldberg. 115,786; July 18.
Shade or similar article, Eye. A. N. Gates. 116,427; Aug. 29.
Shade, Torchiere. R. Orth. 115,658; July 11.
Shaker, Cocktail. A. Cravaritis. 114,673; May 9.
Shaker, Combined salt and pepper. J. A. Brockman. 113,377; Feb. 21.
Shaker, Condiment. T. J. Elia. 117,351; Oct. 31.
Shaker, Condiment. W. A. Hersey. 118,235–7; Dec. 26.
Shaker, Condiment. F. J. Rusting. 114,562; May 2.
Shaker or the like, Combined salt and pepper. R. H. Holmes. 115,925; Aug. 1.
Shaker, pepper shaker and stand therefor, Combined salt. H. Dearling. 116,260; Aug. 22.
Sharpener, Knife. J. S. Conway and W. H. Fry. 116,704–5; Sept. 19.
Sharpener, Knife. M. J. Zimmer. 113,211; Jan. 31.
Sharpener, letter opener, eraser and bottle cap remover, Combined pencil. F. J. Becker. 114,629; May 9.
Sharpener, Pencil. E. Weiss. 112,801; Jan. 3.
Shaver, Dry. E. H. Law. 118,240; Dec. 26.
Shaver, Electric. G. T. Scharfenberg. 117,196; Oct. 17.
Shaver, Illuminated electric. C. W. Bailey. 116,787; Sept. 26.
Shaver or similar article, Dry. D. Chapman. 114,438; Apr. 25.
Shaving device. A. M. Andrews. 116,332; Aug. 22.
Shaving device. F. Meyer. 113,518; Feb. 28.
Shaving device, Electric. C. Gardner. 113,348; Feb. 14.
Shaving implement. H. T. Schiff. 114,144; Apr. 4.
Shears or the like. F. W. Hausmann. 118,280; Dec. 26.
Shears, Pair of. H. Wester. 115,945; Aug. 1.
Sheet or similar article, Plastic. R. T. Billings. 115,246; June 13.
Sheet or similar article, Plastic. E. H. Tyson. 117,826; Nov. 28.
Shelf and bracket, Combined display. E. R. Erickson. 114,132; Apr. 4.
Shelf for a display rack. A. M. Evans. 115,287; June 20.
Shelf, Wall. W. Y. Farrah. 115,615; July 11.
Shelf, Wall. W. F. Ortwig. 115,629; July 11.
Shelf, Window. R. M. Koch. 115,832; July 25.
Shell of a Pitot static tube. V. E. Carbonara. 114,362; Apr. 18.
Shell of a Pitot static tube. P. Kollsman. 114,332–3; Apr. 18.

Shield, Hair drier hood. H. S. Maulsby. 118,320; Dec. 26.
Shield or similar article, Automobile fender. D. H. Mills. 114,341; Apr. 18.
Shield or similar article, Make-up. E. Hicks. 117,868; Nov. 28.
Shield or the like, Eye. J. A. English. 115,760; July 18.
Shield, Radio tube. F. Hafecost and E. F. Staver. 113,065; Jan. 24.
Shirt. S. M. Warshaw. 113,886; Mar. 21.
Shirt, Abbreviated. J. E. Washington. 113,469; Feb. 21.
Shirt or similar article, Pajama. R. S. Terry. 116,699; Sept. 19.
Shoe. E. W. Allen. 114,276; Apr. 11.
Shoe. F. Ayling. 112,767; Jan. 3.
Shoe. B. Benjamin. 112,769–70; Jan. 3.
Shoe. N. E. Bovay. 115,610; July 11.
Shoe. D. J. Bryan. 113,341; Feb. 14.
Shoe. W. F. Cairns. 114,917–8; May 23.
Shoe. W. F. Cairns. 117,330; Oct. 24.
Shoe. D. J. Calderazzo. 112,831; Jan. 3.
Shoe. D. J. Calderazzo. 113,057; Jan. 24.
Shoe. D. J. Calderazzo. 113,217; Feb. 7.
Shoe. D. L. Cohen. 114,785; May 16.
Shoe. M. Cohn. 112,832; Jan. 3.
Shoe. H. N. Compton. 116,913; Oct. 3.
Shoe. H. B. Delman. 114,633; May 9.
Shoe. A. Geller. 116,707–8; Sept. 19.
Shoe. A. H. Geuting. 115,618; July 11.
Shoe. H. Greenblatt. 116,429; Aug. 29.
Shoe. H. Greenblatt. 116,931; Oct. 3.
Shoe. R. Gruensfelder. 114,587; May 2.
Shoe. R. Gruensfelder. 117,950; Dec. 5.
Shoe. C. E. Hosker. 112,996; Jan. 24.
Shoe. J. I. Kaplan. 112,775–6; Jan. 3.
Shoe. J. I. Kaplan. 112,837; Jan. 3.
Shoe. C. Kliche. 115,409; June 27.
Shoe. D. Levin. 113,973; Mar. 28.
Shoe. D. Levin. 116,917; Oct. 3.
Shoe. I. Lippert. 113,389; Feb. 21.
Shoe. A. W. Lutz. 113,117; Jan. 31.
Shoe. R. Maling. 113,390–1; Feb. 21.
Shoe. R. Maling. 117,103–4; Oct. 10.
Shoe. O. Newman. 112,960; Jan. 17.
Shoe. F. W. Ochs. 114,457; Apr. 25.
Shoe. F. W. Ochs. 114,459; Apr. 25.
Shoe. A. E. Pfeiffer. 118,020; Dec. 12.
Shoe. I. Sabel and L. S. Macdonald. 113,353; Feb. 14.
Shoe. J. S. Schultz. 113,077; Jan. 24.
Shoe. O. Schwartz. 113,574; Feb. 28.
Shoe. C. B. Snyder. 113,576–7; Feb. 28.
Shoe. D. E. Spathelf. 115,943; Aug. 1.
Shoe. J. R. Sutton. 115,866–7; July 25.
Shoe. A. Vamos. 116,924–5; Oct. 3.
Shoe. B. L. Wales. 114,606; May 2.
Shoe. B. Warshauser. 115,697; July 11.
Shoe. B. Weiner. 113,644; Mar. 7.
Shoe. B. Weiner. 116,754; Sept. 19.
Shoe. J. R. Weyand. 118,141; Dec. 19.
Shoe. M. Winkel and C. A. Julianelli. 115,323; June 20.
Shoe, Child's. L. J. Golden. 117,397; Oct. 31.
Shoe cover, Transparent. J. Donovan. 117,168; Oct. 17.
Shoe form or similar article. W. J. De Witt. 114,990; May 30.
Shoe heel. M. J. Bernstein. 115,607; July 11.
Shoe last. C. Reggie. 117,909; Dec. 5.
Shoe or similar article. H. Auerbach. 115,381; June 27.
Shoe or similar article. L. W. Bagg. 115,191; June 13.
Shoe or similar article. V. De Liso. 114,318; Apr. 18.
Shoe or similar article. S. Dorée. 114,261; Apr. 11.
Shoe or similar article. S. Dorée. 115,200–1; June 13.
Shoe or similar article. N. Elkin. 113,059–61; Jan. 24.
Shoe or similar article. N. Elkin. 115,874–5; July 25.
Shoe or similar article. M. Goldman. 118,013; Dec. 12.
Shoe or similar article. K. B. Keyes. 112,777; Jan. 3.
Shoe or similar article. D. Levin. 117,379; Oct. 31.
Shoe or similar article. A. Mack and E. C. Hyle. 114,150; Apr. 4.
Shoe or similar article. C. Marcello. 112,780–1; Jan. 3.
Shoe or similar article. J. C. Marks. 118,125; Dec. 19.
Shoe or similar article. A. Perugia. 113,877; Mar. 21.
Shoe or similar article. O. M. Pick. 112,786–9; Jan. 3.
Shoe or similar article. O. M. Pick. 116,598; Sept. 12.
Shoe or similar article. O. M. Pick. 118,131–7; Dec. 19.
Shoe or similar article. M. Planco. 113,976; Mar. 28.
Shoe or similar article. E. P. Schmidt. 112,792; Jan. 3.
Shoe or similar article. D. Shaer. 113,769; Mar. 14.
Shoe or similar article. L. Sholtz. 115,633–4; July 11.
Shoe or similar article. L. Sholtz. 117,936–9; Dec. 5.
Shoe or similar article. L. Sholtz. 117,961–3; Dec. 5.
Shoe or similar article. J. Squire. 112,968; Jan. 17.
Shoe or similar article. S. Troy. 113,405; Feb. 21.
Shoe or similar article. A. E. Wagman. 113,126; Jan. 31.
Shoe or similar article. S. A. Wood. 113,098; Jan. 24.
Shoe or similar article. S. A. Wood. 113,525; Feb. 28.
Shoe or similar article. S. A. Wood. 115,865; July 25.
Shoe or similar article. S. A. Wood. 116,728–9; Sept. 19.
Shoe or similar article, Knitted. F. Gluck. 117,922–3; Dec. 5.
Shoe or the like. W. F. A. Buehner. 114,316; Apr. 18.
Shoe sole. M. J. Bernstein. 115,606; July 11.
Shoe sole. W. F. Cairns. 113,620; Mar. 7.
Shoe sole. R. R. Cowen. 113,890; Mar. 21.
Shoe sole. H. Leigh. 114,187; Apr. 11.
Shoe sole. E. J. McCarthy. 113,851; Mar. 21.
Shoe sole. L. G. Renaldo. 114,511; Apr. 25.
Shoe sole. P. A. Sperry. 115,636; July 11.
Shoe sole. P. A. Sperry. 117,585; Nov. 14.
Shoe sole. W. H. Wirries. 115,438; June 27.
Shoe sole and heel, Combined. A. Sterzik. 117,079; Oct. 10.
Shoe sole or analogous article, Composite. B. H. MacLeon. 114,340; Apr. 18.
Shoe sole whitening protector. T. C. Crowley. 112,874; Jan. 10.
Shoe, Vamp of a. J. Werman. 112,802; Jan. 3.
Shorts or similar article. H. M. McDonald. 113,896; Mar. 21.
Shovel. C. I. Nelson. 115,159; June 6.
Shower head. H. A. Freeman. 116,946; Oct. 3.
Shower head. H. Landgarten. 113,042; Jan. 24.
Shower head. J. O. Reinecke. 113,439; Feb. 21.
Shower head. J. O. Reinecke. 115,795; July 18.
Shroud, Automobile exhaust. L. A. Koch. 117,279; Oct. 24.
Shroud, Automobile exhaust. L. A. Koch. 118,048; Dec. 12.
Shroud for a bicycle or the like, Crank. J. R. Morgan. 113,716; Mar. 14.
Shroud for a bicycle or the like, Steering post. J. R. Morgan. 113,713–15; Mar. 14.
Sign. S. S. Bair. 114,742; May 16.
Sign. E. C. Brownell. 115,644; July 11.
Sign. R. M. Bruner. 116,457; Sept. 5.
Sign. H. D. Finch. 113,530; Feb. 28.
Sign. H. C. Hammer. 114,213; Apr. 11.
Sign. H. C. Hammer. 114,215–16; Apr. 11.
Sign. M. C. Lee. 114,229; Apr. 11.
Sign. F. D. Staley. 113,795; Mar. 14.
Sign, Advertising. H. G. Baumhoff. 116,213; Aug. 22.
Sign, Advertising. J. G. Berens. 117,683; Nov. 21.
Sign, Advertising. L. S. Thompson. 116,922; Oct. 3.
Sign and clock, Combined advertising. S. H. Shapiro. 118,145; Dec. 19.
Sign and display device, Combined. L. W. Diamond. 117,662; Nov. 21.
Sign board and danger reflector, Combination. G. L. Joyce and E. L. Oakley. 116,679–95; Sept. 19.
Sign, Bracket. H. C. Hammer. 114,214; Apr. 11.
Sign, Composite character. A. Shernov. 118,059; Dec. 12.
Sign, Display. R. M. Grey. 115,396; June 27.
Sign, Display. G. L. Lee. 115,561; July 4.
Sign, Display. D. M. Meuller. 115,418; June 27.
Sign or similar article. M. C. Houle. 116,605; Sept. 12.
Sign or similar article. J. Trojan. 116,618–20; Sept. 12.
Sign or similar article, Display. O. Jurs. 116,606; Sept. 12.
Sign, Rotatable advertising. Alexander and A. McCabe. 114,456; Apr. 25.
Sign, Rotatable neon. A. C. Watson. 116,926; Oct. 3.
Sign, Street. A. M. Elliot. 117,036; Oct. 10.
Sign, Street. J. Le R. Greer. 115,549; July 4.
Signal controller for automotive vehicles, Direction indicating. H. R. Stuart. 115,341; June 20.
Signal device. L. Rittenhouse. 114,965; May 23.
Signal device. L. Rittenhouse. 115,449; June 27.
Signal device. L. Rittenhouse and S. M. Crossett. 114,688; May 9.
Signal device or the like, Reflector. J. C. Haggart, Jr. 116,339; Aug. 29.
Signal, Direction. E. R. and B. B. Codde. 112,833; Jan. 3.
Signal, Direction. H. G. Dibelka. 113,706–7; Mar. 14.
Signal, Direction. H. W. Sobke. 117,297; Oct. 24.
Signal, Electric traffic timing. J. J. Roberts. 116,314; Aug. 22.
Signal facing, Traffic. G. Muir. 114,865; May 16.
Signal for automobiles, Direction. W. L. Morrison. 114,230; Apr. 11.
Signal, Illuminable traffic. F. A. Robinson and C. Reutter. 114,469–70; Apr. 25.
Signal, Traffic. G. Muir. 114,864; May 16.
Signal unit or similar article, Audible. W. R. MacPhail and L. E. Johnson. 112,883; Jan. 10.
Signal unit or similar article, Audible. L. A. Mau. 113,710–11; Mar. 14.
Signal unit or similar article, Audible. P. Nielsen. 112,961; Jan. 17.
Signal unit or similar article, Audible. P. Nielsen. 113,046; Jan. 24.
Signal unit or similar article, Audible. P. Nielsen. 115,002; May 30.
Sink. J. R. Morgan. 114,640–2; May 9.
Sink and cabinet, Combined. J. R. Morgan. 113,118; Jan. 31.
Sink and cabinet, Combined. J. R. Morgan. 114,643; May 9.
Sink and drain board, Combined. J. R. Morgan. 114,645; May 9.
Sink and faucet, Combined. L. C. Love. 113,232; Feb. 7.
Sink and faucet, Combined. L. C. Love. 116,564; Sept. 12.
Skin treating device. C. De Filippis. 113,159; Jan. 31.
Skirt or similar article. S. H. Geffner. 116,114; Aug. 8.
Sled. D. W. Lynch. 112,958; Jan. 17.

Sled. W. V. Smith. 118,180; Dec. 19.
Sled, Coasting. W. E. Kidder. 114,373; Apr. 18.
Slicer and corer, Combined. G. N. Coughlan. 114,672; May 9.
Slicer and corer, Combined apple. T. W. Moore. 116,273; Aug. 22.
Slicing machine or similar article, Meat. T. L. Hand. 113,839; Mar. 21.
Slider body and pull tab bail for slide fasteners, Combined. N. J. Poux. 117,823; Nov. 28.
Slider body for slide fasteners. W. A. Behrens. 118,034; Dec. 12.
Slider body for slide fasteners. B. P. Lawson. 118,050; Dec. 12.
Slider body for slide fasteners. N. J. Poux. 113,435–6; Feb. 21.
Slider body for slide fasteners. N. J. Poux. 114,268–71; Apr. 11.
Slip. E. Cadous. 117,945; Dec. 5.
Slip. H. Cohen. 113,258; Feb. 7.
Slip. S. Landau. 116,479; Sept. 5.
Slip. R. Schiller. 113,573; Feb. 28.
Slipper. J. Baer. 116,732; Sept. 19.
Slipper. I. Berman. 115,878; July 25.
Slipper. I. Berman. 116,215; Aug. 22.
Slipper. I. Berman. 116,909–11; Oct. 3.
Slipper. I. Berman. 117,137; Oct. 17.
Slipper. I. Berman. 118,008; Dec. 12.
Slipper. E. A. Bickford. 115,327; June 20.
Slipper. D. J. Calderazzo. 116,700–03; Sept. 19.
Slipper. D. J. Calderazzo. 116,814; Sept. 26.
Slipper. S. Cooper. 114,440; Apr. 25.
Slipper. M. Delman. 114,787; May 16.
Slipper. E. C. Ekonomon. 117,170; Oct. 17.
Slipper. L. J. Epstein. 115,872–3; July 25.
Slipper. L. J. Epstein. 116,223; Aug. 22.
Slipper. H. B. Evans. 117,665; Nov. 21.
Slipper. M. Feifer. 113,735; Mar. 14.
Slipper. R. E. Frederick. 115,871; July 25.
Slipper. M. Greenberg. 113,064; Jan. 24.
Slipper. R. Kaminsky. 112,774; Jan. 3.
Slipper. R. Kaminsky. 113,968; Mar. 28.
Slipper. H. Karmiel. 113,969–70; Mar. 28.
Slipper. C. Linder and C. Putterman. 116,918–9; Oct. 3.
Slipper. M. Lippert. 117,931; Dec. 5.
Slipper. J. Macht. 113,751; Mar. 14.
Slipper. H. L. Prossack. 112,790; Jan. 3.
Slipper. A. Runstein. 116,724; Sept. 19.
Slipper. J. S. Schultz. 112,794; Jan. 3.
Slipper. M. Shanzer. 114,124; Apr. 4.
Slipper. C. J. Simonetti. 116,058–9; Aug. 8.
Slipper. A. Wasserman. 117,209; Oct. 17.
Slipper. L. Wechter. 113,412; Feb. 21.
Slipper. E. Ziniti. 115,227; June 13.
Slipper, Bedroom. J. Macht. 114,750; Mar. 14.
Slipper, Child's. M. Linder. 115,151; June 6.
Slipper or similar article. J. Barnett. 113,618; Mar. 7.
Slipper or similar article. J. Barnett. 115,141; June 6.
Slipper or similar article. C. A. Grosvenor. 115,923; Aug. 1.
Slipper, Tapping. B. Brodick. 117,918; Dec. 5.
Soap, Bar of. A. G. Kabaker. 117,146; Oct. 17.
Soap cake. L. J. Arms. 116,546–7; Sept. 12.
Soap, Cake of. E. V. Babbitt. 115,017; May 30.
Soap dispenser or the like. W. S. Finnell. 117,061; Oct. 10.
Soap or the like, Cake of. F. McIntosh. 115,181; June 6.
Sock turner. H. and P. Bowman. 118,227; Dec. 26.
Socket, Lamp. C. Birdseye, H. D. Wilson, and W. N. Heath. 114,169; Apr. 11.
Sofa or similar article. C. Stoll. 114,378; Apr. 18.
Sofa or similar article. C. Stoll. 114,415–6; Apr. 18.
Sofa or similar article. C. Stoll. 114,563; May 2.
Sofa or similar article. C. Stoll. 115,056; May 30.
Sofa or similar article. C. Stoll. 115,254; June 13.
Sofa or similar article. C. Stoll. 115,429; June 27.
Sofa or similar article. C. Stoll. 115,664; July 11.
Solder gun. C. T. Oppermann. 113,277; Feb. 7.
Soldering device, Electric. L. H. Moulthrop. 115,625; July 11.
Sole and heel, Combined. A. C. Cutler. 114,786; May 16.
Sole and heel, Combined rubber. F. A. Johnson. 117,831; Nov. 28.
Sound-projector for automobile horns or the like. P. Nielsen. 114,960; May 23.
Sound translating device. G. M. Giannini. 116,844; Sept. 26.
Spear. L. D. Goddeyne. 114,893; May 23.
Spectacle frame. C. O. Cozzens. 117,769; Nov. 21.
Spectacle frame. H. J. Jackson. 118,284; Dec. 26.
Spectacle frame. A. Sanders. 113,882; Mar. 21.
Spectacle front. V. H. Tanasso and J. J. Pomeranz. 114,125; Apr. 4.
Spectacles, Pair of. M. R. McDanal. 113,010; Jan. 24.
Spectacles, Pair of. G. P. Miller. 116,431–2; Aug. 29.
Spectacles, Pair of. T. J. Snavely. 115,769; July 18.
Spectacles, Pair of. E. M. Splaine. 115,772; July 18.
Spectacles, Pair of. W. R. Uhlemann. 117,766; Nov. 21.
Spectacles, Pair of semirim. G. P. Kimmel. 115,717; July 11.
Spectacles, Pair of semirimless. A. F. Williams. 118,298; Dec. 26.
Sphygmomanometer, Pedestal. W. A. Baum. 115,384; June 27.
Spoon. L. A. Birmingham. 115,609; July 11.
Spoon. J. C. Phillips. 115,129; June 6.
Spoon or analogous article. A. L. Barney. 115,729; July 18.
Spoon or analogous article. H. E. Nock. 113,479; Feb. 21.
Spoon or analogous article. H. E. Nock. 116,597; Sept. 12.
Spoon or other article of flatware. E. J. Conroy. 115,542; July 4.
Spoon or other article of flatware. L. V. M. Helander. 113,866; Mar. 21.
Spoon or other article of flatware. A. G. Kintz. 113,110; Jan. 31.
Spoon or other article of flatware. A. G. Kintz. 115,558; July 4.
Spoon or other article of flatware. A. C. Kintz. 115,580; July 4.
Spoon or other article of flatware. A. Mackewicz. 114,792; May 16.
Spoon or other article of flatware. L. S. Mayers. 115,691; July 11.
Spoon or other article of flatware. J. R. Price. 115,070; May 30.
Spoon or other article of flatware. J. R. Price. 116,144; Aug. 15.
Spoon or other article of flatware. F. W. Stark. 113,124; Jan. 31.
Spoon or other article of flatware. W. S. Warren. 114,126–8; Apr. 4.
Spoon or other article of flatware. W. S. Warren. 117,940; Dec. 5.
Spoon or other article of flatware. F. R. Woodward and A. H. Staf. 116,154; Aug. 15.
Spoon or similar article. G. N. Allen and L. E. Ressegger. 113,614; Mar. 7.
Spoon or similar article. G. N. Allen and M. P. Fleming. 113,615–16; Mar. 7.
Spoon or similar article. G. N. Allen, M. P. Fleming, and L. E. Ressegger. 114,113–4; Apr. 4.
Spoon or similar article. G. N. Allen and W. H. Girth. 116,439; Sept. 5.
Spoon or similar article. M. Bernstein. 118,108; Dec. 19.
Spoon or similar article. W. T. Brown. 115,539; July 4.
Spoon or similar article. F. W. Koonz. 116,140; Aug. 15.
Spoon or similar article. M. Schulgasser. 115,632; July 11.
Spoon or similar article. M. Schulgasser. 116,146–8; Aug. 15.
Spoon or similar article. M. Schulgasser. 116,834; Sept. 26.
Spoon or similar article. F. S. Trumbull. 115,153; June 6.
Spoon or similar article. F. S. Trumbull. 115,774; July 18.
Spoon or similar article. G. L. Turner. 113,025; Jan. 24.
Spoon or similar article, Culinary. M. Brandt. 117,625; Nov. 14.
Spoon or similar article, Kitchen. W. Scrimgeour. 115,570; July 4.
Spout and waste handle, Combined lavatory. J. O. Reinecke. 113,398; Feb. 21.
Spout, Bath. J. O. Reinecke. 113,396; Feb. 21.
Spout, Deviator. J. O. Reinecke. 113,397; Feb. 21.
Spout, waste handle and ice-water faucet, Combined lavatory. J. O. Reinecke. 115,797; July 18.
Spray gun. H. A. Roselund. 114,560; May 2.
Spray gun and container cap, Combined. A. C. Radtke. 114,866; May 16.
Spray gun or similar article. E. Worthington. 115,883–4; July 25.
Sprayer. R. A. Manning. 112,884–5; Jan. 10.
Sprayer or similar article. H. C. J. Eick. 116,222; Aug. 22.
Sprayer, Shampoo. H. Fidel. 113,346; Feb. 14.
Spring shackle side link, Automotive. C. H. Sayre. 114,981; May 23.
Sprinkler, Clothes. J. Opp. 113,680; Mar. 7.
Sprinkler, Lawn. E. S. Kent and W. R. Westfall. 118,263–4; Dec. 26.
Squeegee. J. P. Lynch. 117,402; Oct. 31.
Stamp or similar article. A. Strauss. 116,983; Oct. 3.
Stamp or similar article, A. Strauss. 117,080; Oct. 10.
Stamp, Time. J. W. Faris. 112,991; Jan. 24.
Stand and containers therefor, Combined manicure. W. B. Petzold. 116,240; Aug. 22.
Stand and mirror for electric safety razors, Combined display. J. Trojan. 118,027; Dec. 12.
Stand and reels therefor, Combination display. J. B. Bambenek and P. Worner. 117,252; Oct. 24.
Stand and shade therefor, Combined refreshment. H. J. Hater and L. Macloon. 117,809; Nov. 28.
Stand and support, Combined hosiery display. I. Freilich. 116,801; Sept. 26.
Stand, Announcement. T. H. Gist. 116,338; Aug. 29.
Stand, Calendar. C. N. Montanye. 115,624; July 11.
Stand, Calendar. C. N. Montanye. 115,721; July 11.
Stand, Cosmetic display. C. Dorfman. 115,689; July 11.
Stand, Display. W. J. Bovers. 116,011; Aug. 8.
Stand, Display. A. O. Bowen and F. E. Taylor. 114,170–1; Apr. 11.
Stand, Display. A. R. Gross. 114,674–5; May 9.

Stand, Display. R. A. Hennings. 114,102; Apr. 4.
Stand, Display. O. O. Hobson. 115,404; June 27.
Stand, Display. H. E. Lacy. 113,041; Jan. 24.
Stand, Display. E. J. McGarry. 116,043; Aug. 8.
Stand, Display. F. G. Mercer. 113,637; Mar. 7.
Stand, Display. R. Redlich. 115,509; July 4.
Stand, Display. T. Rosenak. 118,139; Dec. 19.
Stand, Display. C. E. Taylor. 115,255; June 13.
Stand, Display. G. F. Wales. 113,411; Feb. 21.
Stand, Display. V. Weidner. 114,776; May 16.
Stand, Fan. A. J. Bouthiller. 113,080; Jan. 24.
Stand for a vacuum cleaner or similar article, Display. A. L. McCarthy. 113,753; Mar. 14.
Stand for automobile horns, Display. M. Watson. 117,915; Dec. 5.
Stand for collapsible tubes, Display. A. H. Jung. 113,326; Feb. 14.
Stand for collapsible tubes, Display. A. H. Jung. 113,460; Feb. 21.
Stand for hosiery, Display. S. Sobel. 117,913; Dec. 5.
Stand for hosiery or the like, Display. D. J. Gordon and C. F. Cook. 115,922; Aug. 1.
Stand for motor driven food appliances or similar articles, Supporting. H. M. A. Strauss. 117,762; Nov. 21.
Stand for packaged merchandise, Display. E. Borregard. 118,276; Dec. 26.
Stand for perfume or the like, Display. A. A. Nudell. 118,128; Dec. 19.
Stand, Merchandise display. M. C. Houle. 116,972; Oct. 3.
Stand, Merchandise display. M. C. Houle. 118,016; Dec. 12.
Stand, Merchandise display. J. Trojan. 118,294; Dec. 26.
Stand, Merchandise display. J. F. Urbanek. 115,303; June 20.
Stand, News. S. J. Tauriello. 117,586; Nov. 14.
Stand, Optical display. S. Hokstad. 114,306; Apr. 11.
Stand or similar article, Display. D. C. Gilbert. 113,457; Feb. 21.
Stand or the like, Christmas tree. C. T. Evans. 117,038; Oct. 10.
Stand or the like, Display. C. E. Erickson. 115,815; July 18.
Stand or the like, Display. E. R. Erickson. 116,797; Sept. 26.
Stand or the like, Smoking. A. W. Nichols. 113,521; Feb. 28.
Stand, Packaged seed display. E. E. Humphries. 114,997; May 30.
Stand, Perfume display. A. H. Cohn. 113,621; Mar. 7.
Stand, Power driven pipe. W. M. Emery and A. S. Gould. 114,654; May 9.
Stand, Power pipe. A. S. Gould. 114,328; Apr. 18.
Stand, Refreshment. L. F. Mueller. 114,342; Apr. 18.
Stand, Refrigerated vegetable. C. V. Hill. 117,145; Oct. 17.
Stand, Revolving display. L. Rosen. 116,758; Sept. 19.
Stand, Revolving perfume. J. M. Ross. 113,172; Jan. 31.
Stand, Smoker's ash. J. I. Russakov. 113,336; Feb. 14.
Stand, Smoker's ash. J. I. Russakov. 113,768; Mar. 14.
Stand, Smoking. J. M. Eggers. 115,394; June 27.
Stand, Smoking. E. Schultz. 114,769; May 16.
Stand, Smoking. C. E. Waltman. 116,175–6; Aug. 15.
Stand, Smoking. C. E. Waltman. 116,586; Sept. 12.
Stand, Smoking. C. E. Waltman. 116,970; Oct. 3.
Stand, Smoking. J. A. Zidek. 117,238; Oct. 17.
Stand, Soldering iron. L. P. Young. 114,574; May 2.
Stand, Telephone desk. H. F. Obergfell. 117,876; Nov. 28.
Stand, X-ray control. G. Kloos. 118,286; Dec. 26.
Standard for a dental unit or the like. E. L. Monnot. 114,822; May 16.
Standard for a shoe machine. F. A. Prahl, Jr. 114,412; Apr. 18.
Stapler. R. Heller. 114,265; Apr. 11.
Stapler. R. Heller. 117,144; Oct. 17.
Stapling machine and tacker, Combination. L. Chatfield and J. Fancher. 117,110; Oct. 10.
Stapling machine, Plier type. J. Fancher and L. Obstfeld. 116,706 Sept. 19.
Station, Service. R. N. Aldrich and A. H. Jaehne. 112,954; Jan. 17.
Statuette. D. J. Conley. 115,330; June 20.
Statuette. D. O. Crandall. 115,914; Aug. 1.
Statuette. R. Lyon. 114,192; Apr. 11.
Statuette or similar article. R. N. Burnham. 112,985; Jan. 24.
Statuette or similar article. I. Defren. 114,890; May 23.
Statuette or similar article. B. Hummel. 116,462–5; Sept. 5.
Statuette or similar article. J. C. Reynolds. 118,024; Dec. 12.
Stereo-campimeter. J. R. Miles. 115,120; June 6.
Stick for frozen confectionery. A. De Laurentis. 114,752; May 16.
Stickpin or similar article. G. G. Squire. 117,052; Oct. 10.
Still, Water. A. I. Newman. 117,756; Nov. 21.
Stirrer, Drink. R. C. Baker. 113,032; Jan. 24.
Stocking. S. I. Burd. 114,609; May 2.
Stocking. H. Hemmerich. 118,074; Dec. 12.
Stocking. K. Lang. 117,310; Oct. 24.
Stocking. L. H. Mendelsohn. 114,294; Apr. 11.
Stocking. W. Percell. 117,871; Nov. 28.
Stocking. H. Thierfelder. 115,722; July 11.
Stocking or similar article. J. Rudic. 117,152; Oct. 17.
Stoker. V. F. Clark. 115,308; June 20.
Stoker. F. W. Vodoz and A. H. Haberstump. 115,434; June 27.
Stoker. F. D. Yarick. 114,205; Apr. 11.
Stoker. F. D. Yarick. 116,178; Aug. 15.
Stool. H. B. Kellogg. 114,681; May 9.
Stool. H. Tropauer. 118,295; Dec. 26.
Stool or similar article, Foot. M. K. Forman. 117,948; Dec. 5.
Stool pedestal and foot support, Combined. L. M. Michaelson. 113,309; Feb. 14.
Stop for slide fasteners, Bottom. N. J. Poux. 117,824; Nov. 28.
Stopper and fingernail polish brush, Combined. M. C. Twomey. 116,066; Aug. 8.
Stopper and liquid pourer, Combined bottle. C. F. Eklund. 114,209; Apr. 11.
Stopper top. M. Piluso. 113,332; Feb. 14.
Storage unit, Sterile glass. D. P. Caverly. 115,284; June 20.
Store front. H. L. Wyman. 115,304; June 20.
Stove. C. Ehret. 117,727; Nov. 21.
Stove. I. J. Golden. 117,949; Dec. 5.
Stove. F. T. Herron. 115,314; June 20.
Stove. J. R. Morgan. 115,048; May 30.
Stove. F. H. Schneider. 115,569; July 4.
Stove and lamp, Combination. J. O. Steele. 113,998; Mar. 28.
Stove and support, Combined table cooking. W. J. Russell, and M. C. Yerigan. 116,807; Sept. 26.
Stove, Cook. M. F. Heym. 116,954; Oct. 3.
Stove, Electric. S. W. Drury. 117,559; Nov. 14.
Stove, Field. P. M. Forster. 115,785; July 18.
Stove, Field. P. M. Forster. 117,094; Oct. 10.
Stove, Heating. J. A. Dahlstrom. 116,795; Sept. 26.
Stove, Heating. A. D. Olds. 114,961; May 23.
Stove or similar article. P. M. Forster. 115,491; July 4.
Stove or similar article, Combined cooking and heating. C. W. Davis. 114,059; Apr. 4.
Stove, Portable. J. R. Morgan. 115,822; July 18.
Stove, refrigerator, sink and cabinet, Combined. G. L. C. Earle. 115,491; June 27.
Stove, sink and cabinet, Combined. G. L. C. Earle. 115,392; June 27.
Stove top. H. W. Miller. 113,275; Feb. 7.
Stove top plate and hot-water coil, Combined. A. B. Trencavel. 114,513; Apr. 25.
Strap attachment for a saxophone, Neck. H. N. White. 115,354; June 20.
Strap, Lens. O. W. Dechau. 116,592; Sept. 12.
Strip, Continuous outlet. W. H. Frank. 117,746; Nov. 21.
Strip for suspender straps, Connecting. H. Epstein. 116,441; Sept. 5.
Suit. M. S. Handler. 113,814; Mar. 14.
Suit. A. Oppenheimer. 115,122; June 6.
Suit. J. A. Silverman. 116,614; Sept. 12.
Suit. J. A. Silverman. 117,533; Nov. 7.
Suit. S. Zimmerman. 113,099; Jan. 24.
Suit. S. Zimmerman. 113,699–700; Mar. 7.
Suit. S. Zimmerman. 113,952; Mar. 21.
Suit, Bathing. E. Cadous. 113,081; Jan. 24.
Suit, Bathing. E. Mandel. 115,370; June 20.
Suit, Bathing. M. Solomon. 113,095; Jan. 24.
Suit, Bathing. R. E. Taisch. 113,796; Mar. 14.
Suitcase. B. M. Hamlin. 113,737; Mar. 14.
Suitcase or similar article. S. Balin. 116,510; Sept. 5.
Suitcase or the like. J. Ortner. 114,962; May 23.
Suit ensemble. M. Kolmer. 116,430; Aug. 29.
Suit ensemble. A. Breitman. 113,953; Mar. 21.
Suit ensemble. J. A. Silverman. 116,647; Sept. 12.
Suit ensemble. S. Zimmerman. 113,483–4; Feb. 21.
Suit, Lady's. L. W. Goodkind. 114,395; Apr. 18.
Suit, Lady's. L. W. Goodkind. 117,731; Nov. 21.
Suit or similar article, Bathing. B. J. Hoffman, Jr. 117,976; Dec. 5.
Suit, Swim. I. Mirsky. 113,914; Mar. 21.
Sundial. M. T. Swisher. 116,452; Sept. 5.
Sunglasses. S. Behr. 118,275; Dec. 26.
Sunglasses. A. Brock and W. H. Backer. 114,437; Apr. 25.
Sunglasses. A. Diodati. 112,989; Jan. 24.
Sunglasses. J. E. Maisch. 115,933; Aug. 1.
Sunglasses or similar article. W. J. Parfrey. 113,013; Jan. 24.
Sungoggles. E. McGlynn. 114,994; May 30.
Support and container for cigarettes or like articles, Combined ashtray. I. Mershon. 113,754; Mar. 14.
Support, Basket. S. and N. J. Kroll. 117,304; Oct. 24.
Support, Fan. D. Chapman. 115,344; June 20.
Support for a bed or similar article, Pillow. H. E. Edelson. 115,229; June 13.
Support for coal and wood range or the like. J. R. Morgan. 115,563; July 4.
Support, Motor. W. L. Laib. 116,343; Aug. 29.
Support, Shirt collar display. A. Donner. 113,381; Feb. 21.
Supporter, Garment. F. M. Griffith. 114,018; Mar. 28.
Supporter, Hose. I. C. Cooper. 113,078; Jan. 24.
Surfacing machine. R. E. Wolfe and R. F. Kneisley. 113,860; Mar. 21.

Suspender end or the like. D. T. Manning. 114,638; May 9.
Suspenders. F. R. Culver. 113,221; Feb. 7.
Suspenders, Rotary back for. A. Oppenheim. 114,646; May 9.
Sweater. S. Cohen. 114,751; May 16.
Sweater. L. Ellenoff. 116,181; Aug. 15.
Sweater. A. Gepner. 115,477; June 27.
Sweater. L. A. Reitmeister. 114,345; Apr. 18.
Sweater, Dog. M. Laczko. 114,976; May 23.
Sweater or similar article. H. Boepple. 115,061; May 30.
Sweeper, Carpet. A. H. Haberstump. 113,108; Jan. 31.
Sweeper, Carpet. I. Richardson. 112,964; Jan. 17.
Sweeper, Floor. T. B. Funk. 113,224; Feb. 7.
Sweeper shell, Carpet. I. Richardson. 112,963; Jan. 17.
Sweeper shell, Carpet. I. Richardson. 117,676; Nov. 21.
Sweeper, Vacuum. H. A. Kroenlein. 113,531; Feb. 28.
Swing. A. H. Duit. 114,991; May 30.
Swing. W. I. Smith. 117,622; Nov. 14.
Swing, Baby. A. D. Welsh. 116,317; Aug. 22.
Swing, Inflatable water. B. E. Prince. 118,169; Dec. 19.
Switch, Direction signal. H. G. Dibelka. 113,453; Feb. 21.
Switch plate attachment and calendar, Combined electric. H. M. Kidd. 115,708; July 11.
Switch plate, Wall. E. A. Seward. 118,174–9; Dec. 19.
Switch, Push button. T. J. Scofield. 115,857; July 25.
Tab for slide fasteners, Pull. N. J. Poux. 115,069; May 30.
Tab for slide fasteners, Pull. N. J. Poux. 115,940; Aug. 1.
Table. P. J. Birkmeyer. 113,215; Feb. 7.
Table. D. A. Cumfer. 116,551; Sept. 12.
Table. A. Hartmen. 114,758; May 16.
Table. P. Marano. 115,119; June 6.
Table. L. Vavrik. 113,409; Feb. 21.
Table and cabinet, Combined dental. R. S. Voorhees, Jr. 112,970; Jan. 17.
Table and settee, Combination. T. R. Robinson. 113,401; Feb. 21.
Table, Billiard. D. Deskey. 115,647; July 11.
Table, Billiard. W. C. Lawson. 113,167; Jan. 31.
Table, Billiard. W. C. Lawson. 113,972; Mar. 28.
Tablecloth. B. Elfenbein. 117,468–9; Nov. 7.
Tablecloth. B. Elfenbein. 117,518; Nov. 7.
Tablecloth, Lace. W. C. Miller. 114,151–3; Apr. 4.
Tablecloth, Lace. F. P. Otto. 114,154; Apr. 4.
Tablecloth, Lace. F. P. Otto. 114,508–10; Apr. 25.
Table cloth, Lace. F. P. Otto. 116,719–22; Sept. 19.
Tablecloth, Lace. W. Wolf. 114,514; Apr. 25.
Tablecloth or similar article. S. Brown. 117,646; Nov. 14.
Tablecloth or similar article. B. Elfenbein. 114,856; May 16.
Tablecloth or similar article. F. O. Ferlauto. 113,624–5; Mar. 7.
Tablecloth or similar article. J. S. Madsen. 113,752; Mar. 14.
Tablecloth or similar article. J. S. Madsen. 114,818–9; May 16.
Tablecloth or similar article. J. S. Madsen. 115,169; June 6.
Tablecloth or similar article. J. S. Madsen. 117,070; Oct. 10.
Tablecloth or similar article. M. Stein. 113,607; Feb. 28.
Tablecloth or similar article. V. Winston. 113,296–7; Feb. 7.
Tablecloth or similar article. V. Winston. 113,645–7; Mar. 7.
Tablecloth or similar article. V. Winston. 114,165; Apr. 4.
Tablecloth or similar article, Lace. J. Waterfield. 117,082–3; Oct. 10.
Tablecloth or similar article, Printed. L. Dinkelspiel. 114,130; Apr. 4.
Table desk or similar article. T. T. Haag. 113,459; Feb. 21.
Table, Display. J. C. Barefoot. 117,780; Nov. 28.
Table, Display. A. Di Simine. 113,380; Feb. 21.
Table, Display. A. Di Simone. 113,705; Mar. 14.
Table, Game. P. G. Valenzuela and E. S. Castro. 114,650; May 9.
Table, Ironing machine. H. W. Altorfer. 113,250; Feb. 7.
Table or similar article. E. R. Butzner. 117,445–6; Nov. 7.
Table or similar article. R. A. Conkling, Jr. 115,285; June 20.
Table or similar article, Dressing. G. C. Ellis. 117,612; Nov. 14.
Table, Recreational game. R. Becker. 116,677; Sept. 19.
Table top. W. Hoffmann. 116,560; Sept. 12.
Table top. J. L. Ingram. 117,274; Oct. 24.
Tank, bowl and bowl support, Combined. F. P. Uphues. 116,810; Sept. 26.
Tank, Elevated. G. T. Horton. 112,995; Jan. 24.
Tank, Elevated. G. T. Horton. 114,539–40; May 2.
Tank, Elevated. J. A. Rau. 116,052; Aug. 8.
Tank, Outboard motor. C. Karstadt. 112,908; Jan. 10.
Tank, Trailer. R. A. Bradley and R. D. George. 115,342; June 20.
Tape. C. A. Horton, and J. C. Dinsmore. 116,822; Sept. 26.
Tape dispenser. J. O. Reinecke. 116,599; Sept. 12.
Tassel. E. E. Weller. 114,853; May 16.
Teakettle, Glass. J. G. Francis. 115,514; July 4.
Tea maker. S. W. Farber. 114,365; Apr. 18.
Teapot. J. P. Thorley. 117,855–6; Nov. 28.
Teapot or similar article. J. H. Perry. 114,233; Apr. 11.
Teapot or similar article. J. P. Thorley. 117,859; Nov. 28.
Teething ring and rattle, Combination wooden. K. Bojesen. 117,645; Nov. 14.
Teething ring or similar article. J. Davis. 113,655; Mar. 7.
Telephone housing, Intercommunicating. D. H. Young. 113,586–8; Feb. 28.
Telephone unit, Wall. G. R. Lum. 116,624; Sept. 12.
Telescope. L. H. Brown. 116,013; Aug. 8.
Tellurian. O. A. Schumann. 114,648; May 9.
Tennis bat, Street. W. G. Fletcher. 114,810; May 16.
Tester, Battery. E. Arens. 115,245; June 3.
Tester, Fuel consumption. C. H. Phelps. 113,763; Mar. 14.
Therapeutic diagnostic device. J. C. Bogle. 113,653; Mar. 7.
Thermometer J. B. Dowden. 117,258; Oct. 24.
Thread control device for knitting machines and the like. R. Hug. 113,265; Feb. 7.
Ticket, Admission. L. Rittelman. 114,522; Apr. 25.
Tie or the like, Wall. F. B. Parks. 115,253; June 13.
Tile. E. Parker. 117,287–8; Oct. 24.
Tile unit for analogous article. A. A. Richards. 116,806; Sept. 26.
Tiller. C. W. Kelsey. 117,788; Nov. 28.
Tilter for Venetian blinds or similar article. J. Nisensen. 113,897; Mar. 21.
Timepiece face. S. Banick. 115,901; Aug. 1.
Timer and case, Combined sandglass. J. M. Weiss. 113,892; Mar. 28.
Timer or similar article, Audible. W. E. Naylor. 115,626; July 11.
Tire. J. E. Allen. 117,660; Nov. 21.
Tire. G. W. Anderson. 113,155; Jan. 31.
Tire. G. W. Anderson. 113,157; Jan. 31.
Tire. G. W. Anderson. 114,432; Apr. 25.
Tire. G. W. Anderson. 114,741; May 16.
Tire. G. W. Anderson. 117,161; Oct. 17.
Tire. A. Balthazar. 113,651; Mar. 7.
Tire. R. H. Burgess. 114,528; May 2.
Tire. W. E. Hardeman. 112,993; Jan. 24.
Tire. W. E. Hardeman. 117,175; Oct. 17.
Tire. H. V. James. 112,978; Jan. 17.
Tire. G. G. W. King and L. J. Lambourn. 113,327; Feb. 14.
Tire. H. T. Kraft. 114,954; May 23.
Tire. L. J. Lambourn. 115,834; July 25.
Tire. R. C. Murphy. 116,310; Aug. 22.
Tire. B. R. Prall. 115,424; June 27.
Tire, Automobile. H. C. Hower. 115,851; July 25.
Tire casing. F. J. Snyder. 117,601; Nov. 14.
Tire construction display unit. G. C. Van Veen. 117,914; Dec. 5.
Tire, Pneumatic. R. S. Lombard. 115,835; July 25.
Tire, Pneumatic. R. S. Lombard. 116,344; Aug. 29.
Toaster or the like. O. M. Anderson and N. T. Almquist. 118,065; Dec. 12.
Tong or similar article, Photographic. W. E. Naylor. 117,454; Nov. 7.
Tongs, Log. H. E. Havemeyer. 115,574; July 4.
Tongue scraper. A. J. Fortunati. 118,318; Dec. 26.
Tool, Combination kitchen. J. A. Murdock. 118,127; Dec. 19.
Tool, Combination kitchen. R. Roller. 117,910; Dec. 5.
Tool, Dental. E. L. Chott. 115,326; June 20.
Tool driver, Pistol-grip. J. M. Cashmore. 113,158; Jan. 31.
Tool for adjusting ignition circuit breakers. H. Eisner. 114,320; Apr. 18.
Tool, Fruit coring. M. Rosenberg. 114,471; Apr. 25.
Tool, Jeweler's combination. W. H. Lehrfeld. 116,235; Aug. 22.
Tool, Pocket. W. K. Yates, Jr. 116,179; Aug. 15.
Tool, Scribing. M. M. Cathcard. 116,018; Aug. 8.
Tool, Splicing sleeve compressing. F. J. Mayer. 116,745; Sept. 19.
Tool, Surface coating spreading. T. Woinarovicz. 117,388; Oct. 31.
Tool, Torque indicating. S. Mandl. 115,416; June 27.
Tool unit, Machine. L. H. Blood and L. F. Nenninger. 115,193; June 13.
Tool unit, Machine. E. D. Vancil and E. C. Raehrs 115,223; June 13.
Tool unit, Portable power driven. G. C. Wilhide. 113,355; Feb. 14.
Tool unit, Portable power driven. G. C. Wilhide. 113,447; Feb. 21.
Tool unit, Power-driven hand. T. L. Hedgpeth. 115,042; May 30.
Tool unit, Sanding. E. Balough and M. J. Yamen. 112,871; Jan .10.
Tooth brush. C. M. Bosak. 118,155; Dec. 19.
Tooth brush. H. Cave. 116,838; Sept. 26.
Tooth brush. J. Kahn. 113,743–4; Mar. 14.

Tooth brush. J. Salit. 118,268; Dec. 26.
Tooth brush and powder holder, Combined. B. L. Short. 115,133; June 6.
Toothpick. P. G. McAlear. 113,516; Feb. 28.
Tooth shade guide unit. G. A. Barnes. 115,948; Aug. 1.
Top. A. Niedzinski. 117,797; Nov. 28.
Top for a dental cabinet or similar article. B. Jankelson. 116,622; Sept. 12.
Top for containers or similar articles, Pouring. W. G. Pancoast. 115,420; June 27.
Top gauge, and guide bars for woodworking machines, Combination. H. E. Tautz. 117,461; Nov. 7.
Top, Stopper. M. Piluso. 113,394; Feb. 21.
Torch, Cutting. E. H. Smith. 117,504; Nov. 7.
Towel or similar article. P. Reiman. 117,878–9; Nov. 28.
Tower, Water cooling. A. A. Stillger. 116,727; Sept. 19.
Toy. S. I. Berger. 115,903; Aug. 1.
Toy. A. Danescu. 114,699; May 9.
Toy. G. M. H. Dubbles. 117,784; Nov. 28.
Toy. J. W. Gibson. 116,230; Aug. 22.
Toy. A. Herz. 117,399; Oct. 31.
Toy. H. Jenkins. 117,275; Oct. 24.
Toy. F. S. Welch and G. O. White. 118,062; Dec. 12.
Toy airplane, Noise making. L. J. Ripich. 117,290; Oct. 24.
Toy airplane wheel. M. L. Chappell. 113,528; Feb. 28.
Toy animal. L. Gottlieb. 117,632; Nov. 14.
Toy automobile, Wooden. K. Bojesen. 117,552; Nov. 14.
Toy bank. A. C. Prince. 117,935; Dec. 5.
Toy chassis, Wooden. K. Bojesen. 117,554; Nov. 14.
Toy, Construction. W. H. Arkley. 115,016; May 30.
Toy, Dancing. A. D. Amerise. 114,802; May 16.
Toy dog. H. E. Kelly. 116,034; Aug. 8.
Toy figure I. Wolfberg. 117,159–60; Oct. 17.
Toy figure, Wheeled. C. H. Pajeau. 113,540–1; Feb. 28.
Toy gun. A. T. Linney. 114,548; May 2.
Toy gun or similar article. S. I. Berger. 116,318; Aug. 22.
Toy, Magnet. J. Galter. 117,264; Oct. 24.
Toy or similar article. G. La Forge. 113,991; Mar. 28.
Toy or similar article. H. E. Miller. 113,170; Jan. 31.
Toy rocking horse. B. J. and V. Compagnoni. 118,035; Dec. 12.
Toy rotary unit. C. Egerton. 117,260; Oct. 24.
Toy, Stuffed animal. L. L. Weiss. 115,572; July 4.
Toy truck, Wooden. K. Bojesen. 117,556; Nov. 14.
Toy vehicle. R. B. Fageol. 115,668; July 11.
Toy wagon. M. B. Ewald. 112,877; Jan. 10.
Toy wagon. H. L. Kraeft. 116,036; Aug. 8.
Toy wind-operated device. F. E. Thoren. 117,603; Nov. 14.
Tractor. V. N. Albertson and J. Henningsen. 114,112; Apr. 4.
Tractor. N. E. Erickson. 113,554–5; Feb. 28.
Tractor. V. F. Hobbs. 116,307; Aug. 22.
Tractor, Crawler. J. G. Heaslet. 116,319; Aug. 22.
Tractor, Industrial. C. W. Sundberg and M. Ferar. 116,092; Aug. 8.
Tractor, Wheel. J. G. Heaslet. 116,320; Aug. 22.
Trailer. W. L. C. Huxter. 116,321–3; Aug. 22.
Trailer. W. O. Wells. 114,385; Apr. 18.
Trailer. M. A. Zalimeni. 118,184; Dec. 19.
Trailer, Dinette. L. C. Franco. 115,036; May 30.
Trailer, Display. W. L. Parsons, Jr. 113,681; Mar. 7.
Transformer, Electrical. W. J. Garlick, Jr. 113,062; Jan. 24.
Transformer, Electrical. W. J. Garlick, Jr. 114,947; May 23.
Trap, Animal. W. A. Uttz, Sr. 112,969; Jan. 17.
Trap, Insect. D. S. Karr. 115,150; June 6.
Trap or similar article, Insect. T. J. Williams. 117,114; Oct. 10.
Trawler or the like. I. Bromfield. 117,626; Nov. 14.
Tray. H. Herzog. 114,883; May 16.
Tray. R. R. Hutcheson. 113,841; Mar. 21.
Tray. W. L. Tabb. 113,023; Jan. 24.
Tray and cup, Combination baby's dining. C. N. Lockwood. 116,623; Sept. 12.
Tray, Ash. L. J. Hendler. 114,679; May 9.
Tray, Ash. F. B. Hoffman. 114,676; May 9.
Tray, Ash. F. G. Montgomery. 115,349; June 20.
Tray, Cracker. P. W. Mikesell. 114,685; May 9.
Tray, Folding cigarette. E. Steiner. 112,952; Jan. 17.
Tray for displaying articles of merchandise. G. C. Holt. 112,944; Jan. 17.
Tray, Hair dyeing. A. Carawan. 117,898; Dec. 5.
Tray, Ice. C. R. Carney. 117,254; Oct. 24.
Tray, Lantern slide. H. J. Hood. 118,282; Dec. 26.
Tray, Metal. L. M. Schnitzer. 116,243; Aug. 22.
Tray, Multiple letter. R. J. Thorn and T. Hess. 116,600; Sept. 12.
Tray or article of similar nature, Glass celery. T. C. Heisey. 115,205; June 13.
Tray or article of similar nature, Glass muffin. F. S. Barbiers. 116,788; Sept. 26.
Tray or similar article, Letter. F. F. Braun and T. Hearn. 112,771; Jan. 3.
Tray or the like. L. Guild. 117,711; Nov. 21.
Tray, Paper. G. W. Holt, Jr. 116,163; Aug. 15.
Tray, Poker chip. C. M. Dicus. 113,324; Feb. 14.
Tree base. J. T. Barton. 115,902; Aug. 1.
Tricycle. G. Lewinski. 117,906; Dec. 5.
Tricycle. G. Lewinski. 117,930; Dec. 5.
Tricycle. R. R. Wilcox, Jr. 113,888; Mar. 21.
Trimming, Embroidered. E. W. Freudenberg. 117,920; Dec. 5.
Trimming, Embroidered. M. B. Kaplan. 118,075; Dec. 12.
Trimming, Garment. J. Nachman. 117,109; Oct. 10.
Trimming or similar article, Embroidered. E. W. Freudenberg. 117,973; Dec. 5.
Truck, Chambermaid's. E. R. Scudder. 115,352; June 20.
Truck, Fire. J. W. Fitch. 116,841; Sept. 26.
Truck, Hand. T. L. Kuhns. 118,239; Dec. 26.
Truck, Industrial. E. J. Dunham. 113,259; Feb. 7.
Truck, Library. E. R. Scudder. 115,527; July 4.
Truck, Rail car. R. J. Burrows and A. O. Williams. 116,112; Aug. 8.
Tub, Laundry. O. S. Burman. 117,329; Oct. 24.
Tub, Washing machine. T. J. Litle, Jr. 117,283; Oct. 24.
Tube for oil burners or the like, Air. R. W. Beckett. 115,682; July 11.
Tube or similar article, Cathode ray. R. M. Bowie. 117,019; Oct. 3.
Tube or similar article, Thermoplastic. G. W. Tammen. 114,566–7; May 2.
Tube socket crown, Fluorescent. F. K. Maerz. 115,158; June 6.
Tube unit, Fluorescent. M. A. Babb. 113,357; Feb. 14.
Tube unit, Fluorescent. M. M. Bilofsky. 113,546; Feb. 28.
Tube unit, Fluorescent. M. M. Bilofsky. 113,652; Mar. 7.
Tube unit, Fluorescent. F. Clark. 113,034; Jan. 24.
Tube unit, Fluorescent. F. Clark. 113,058; Jan. 24.
Tube unit, Fluorescent. F. Clark. 113,550; Feb. 28.
Tube unit, Fluorescent. E. Spielholz. 117,077; Oct. 10.
Tumbler. E. W. Fuerst. 113,137–8; Jan. 31.
Tumbler. E. W. Fuerst. 115,202; June 13.
Tumbler. E. W. Fuerst. 115,492–3; July 4.
Tumbler. M. O. Hansen. 113,384–5; Feb. 21.
Tumbler. M. O. Hansen. 115,496; July 4.
Tumbler. J. Viatour. 114,568; May 2.
Tumbler and tooth brush holder or similar article, Combination. R. S. Sanford. 117,583; Nov. 14.
Tumbler or article of similar nature, Glass. R. J. Beatty. 114,054; Apr. 4.
Tumbler or article of similar nature, Glass. T. C. Heisey. 114,712; May 9.
Tumbler or similar article, Vigil candle. H. Rithner. 115,659; July 11.
Tumbler, Spinning. R. Gross. 113,508; Feb. 28.
Type font, Printing. H. A. Trafton. 113,797; Mar. 14.
Typewriter frame. J. Krüger. 116,369; Aug. 29.
Typewriter key top. B. S. Manus. 114,735; May 9.
Typewriting machine. H. Dreyfuss. 114,517; Apr. 25.
Typewriting machine. J. H. Rand, Jr., and R. G Thompson. 113,145; Jan. 31.
Typographical trimming machine. G. F. Morrison and H. J. Tapper. 115,882; July 25.
Umbrella. E. J. Doty. 117,663; Nov. 21.
Umbrella. J. Levin. 115,562; July 4.
Umbrella. J. Levin. 116,803; Sept. 26.
Undergarment. M. and M. E. O'Gorman. 115,986; Aug. 1.
Uniform or similar article, Band. C. T. Habegger. 115,232; June 13.
Urn, Coffee. J. N. Shaw. 117,703; Nov. 21.
V-base for metal straightening equipment. E. M. Pfauser. 113,331; Feb. 14.
Valve. W. A. Ray. 113,437; Feb. 21.
Valve, Dual flushing. R. H. Zinkil. 112,890; Jan. 10.
Valve, Fluid control. W. A. Ray. 114,497; Apr. 25.
Valve for a hot water heating system. E. S. Cornell, Jr. 115,543; July 4.
Valve or similar article. H. Merrill. 118,051; Dec. 12.
Valve, Pop. C. C. Mosack. 115,693; July 11.
Vanity case or similar article. R. T. Gaige. 117,140–1; Oct. 17.
Vaporizer, Air conditioning. H. Goodman and V. S. Dillingham. 118,042; Dec. 12.
Vaporizer, Electric. J. Robinson. 117,150; Oct. 17.
Vaporizer, Incense. S. C. Ghose. 113,709; Mar. 14.
Vaporizing machine. L. F. and R. T. Schmidt. 114,473; Apr. 25.
Vase and support, Combined. H. M. Firth. 116,929; Oct. 3.
Vase and support, Combined. F. I. Sparrow. 114,349; Apr. 18.
Vase or similar article. D. Bothwell. 114,748; May 16.
Vase or similar article. D. Bothwell. 114,804; May 16.
Vase or similar article. S. E. Hill. 115,290; June 20.
Vase or similar article. J. Lawyer. 114,815; May 16.
Vase or similar article. W. C. Smith. 117,050; Oct. 10.
Vase, or similar article, Boutonniere. G. M. Jones. 118,017; Dec. 12.
Vault, Burial. R. Cobey. 112,986–7; Jan. 24.
Vehicle. C. J. Anderson. 114,803; May 16.
Vehicle, Automotive. T. F. King. 114,579; May 2.
Vehicle body. D. Ruttner. 116,544; Sept. 5.
Vehicle body. S. L. Vaccaro, Jr. 117,985; Dec. 5.
Vehicle body, Juvenile. H. L. Kraeft. 113,231; Feb. 7.
Vehicle body, Motor. B. J. Matteson, Jr. 117,696; Nov. 21.
Vehicle, Highway. E. G. Mathauer. 115,347; June 20.
Vehicle, Highway. E. Ramstrum. 115,968–9; Aug. 1.

Vehicle, Juvenile. P. S. Beshore. 114,526; May 2.
Vehicle, Motor. F. E. Dayes. 116,655; Sept. 12.
Vehicle, Motor. M. L. Eckman. 113,345; Feb. 14.
Vehicle, Motor. N. P. Larsen and H. J. Troche. 116,853; Sept. 26.
Vehicle, Motor pump. J. J. Grybos. 113,183; Jan. 31.
Vehicle, Tank. H. W. Kizer. 112,910; Jan. 10.
Vehicle, Tractive. R. D. Raseman. 116,434; Aug. 29.
Veil, Wedding. A. Frank. 114,248; Apr. 11.
Veiling. S. H. Aibel. 115,366; June 20.
Veiling. S. H. Aibel. 116,897; Sept. 26.
Velocipede. H. L. Kraeft. 117,905; Dec. 5.
Velocipede. S. A. Snell. 113,020; Jan. 24.
Velocipede deck plate. W. V. Smith. 118,252; Dec. 26.
Velocipede frame member. E. A. Anderson. 113,861; Mar. 21.
Vending machine. D. S. Bond. 114,380; Apr. 18.
Vending machine. B. W. Fry. 117,263; Oct. 24.
Vending machine. L. O. Garner and F. Montesi. 112,942; Jan. 17.
Vending machine. L. O. Garner and F. Montesi. 116,820; Sept. 26.
Vending machine. G. A. Gast. 113,708; Mar. 14.
Vending machine. A. C. Haggstrom. 117,952; Dec. 5.
Vending machine. J. H. Newport, Jr. 115,564; July 4.
Vending machine, Bottle. J. E. Hagstrom. 115,830; July 25.
Ventilator. L. R. Boulware. 113,502; Feb. 28.
Ventilator, Kitchen. B. Sonntag. 113,051; Jan. 24.
Vessel, Cooking. L. G. Howlett. 113,632; Mar. 7.
Vessel or similar article, Cooking. H. B. Klusmeyer. 118,238; Dec. 26.
Vessel, Passenger. H. B. Spear. 113,885; Mar. 21.
Vibrator. J. F. Meyer. 115,793; July 18.
Vibrator. J. F. Meyer. 117,573; Nov. 14.
Vibrator. F. L. Renga. 115,049; May 30.
Vibrator. F. L. Renga. 115,237; June 13.
Vibrator, Electric. M. L. Landgraf. 114,337; Apr. 18.
Vibrator, Pedate. S. B. Sklar. 113,855; Mar. 21.
Viscosimeter. A. I. Newman and W. Van Guilder. 117,193; Oct. 17.
Vise. J. J. Connors. 117,448; Nov. 7.
Waffle iron or similar article. J. E. Barrett. 114,115; Apr. 4.
Wagon body, Dump. G. D. Alexander. 118,033; Dec. 12.
Wagon, Dinner. L. W. Boulton. 113,547; Feb. 28.
Walker unit for convalescents. G. W. Gilleland. 116,709; Sept. 19.
Warmer or similar article, Food. P. Moser. 116,748; Sept. 19.
Washboard. M. L. Irwin. 115,711; July 11.
Washer, Bottle. R. A. Lippold. 115,460; June 27.
Washer, Laundry. H. L. Belding. 115,192; June 13.
Washer, Laundry. H. L. Belding. 116,601; Sept. 12.
Washing machine. H. W. Altorfer. 117,442; Nov. 7.
Washing machine. M. P. Gaultier and M. L. Alexander. 115,879; July 25.
Washing machine. T. R. Smith. 116,982; Oct. 3.
Washing machine. T. R. Smith and H. Van Doren. 116,967; Oct. 3.
Washing machine and wringer, Combined. F. Breckenridge. 114,436; Apr. 25.
Washing machine and wringer, Combined. K. C. Haven. 113,494–5; Feb. 28.
Washing machine, Demonstrator. K. C. Haven. 116,952; Oct. 3.
Washing machine, Electric. E. S. Preston. 117,959; Dec. 5.
Washing machine, Portable. W. L. Pressey. 117,457; Nov. 7.
Wastebasket. O. O. Hobson. 114,759; May 16.
Wastebasket or similar container. W. Garten. 116,226; Aug. 22.
Watch. H. C. Ruger. 116,938; Oct. 3.
Watch and compass, Combined. W. R. Shillaber. 115,072; May 30.
Watchcase. A. V. Stegeman, Jr. 112,797; Jan. 3.
Watch or similar article. A. S. Freedman. 114,788; May 16.
Watch, Wrist. G. Croisier. 116,591; Sept. 12.
Watch, Wrist. A. V. Stegeman, Jr. 113,771; Mar. 14.
Welding machine, Electric. C. Eisler. 116,840; Sept. 26.
Welding tip, Multiple flame. M. R. Scott. 115,858; July 25.
Whatnot. O. O. Hobson. 114,184; Apr. 11.
Whatnot. H. G. Stephens. 114,477; Apr. 25.
Wheel. J H. Hunt and H. J. Horn. 114,118; Apr. 4.
Wheel, Automotive steering. O. B. Carson. 115,685–6; July 11.
Wheelbarrow. D. E. Staub. 116,868; Sept. 26.
Wheel body. C. W. Sinclair. 113,688; Mar. 7.
Wheel disk or similar article. G. A. Lyon. 113,675; Mar. 7.
Wheel for motor vehicles or the like, Steering. D. S. Hoover. 114,266; Apr. 11.
Wheel, Steering. F. J. Kathe. 112,909; Jan. 10.
Wheel, Vehicle. C. L. Eksergian and T. A. Davenport. 113,658; Mar. 7.
Wheel, Vehicle. C. L. Eksergian and T. A. Davenport. 113,660–1; Mar. 7.
Wheel, Vehicle. C. L. Eksergian and W. H. Farr. 113,659; Mar. 7.
Wind charging unit. J. R. Albers. 117,513; Nov. 7.
Woodworking machine. W. B. Boice. 115,779; July 18.
Wrap, Evening. A. H. Morris. 113,756; Mar. 14.
Wrap, Evening. F. Zucker. 115,164; June 6.
Wrapper, Bread. G. O. Bennett and C. A. Deisenroth. 114,732; May 9.
Wreath, Metallized funeral. W. L. Mallett. 115,855; July 25.
Wrench. A. G. Spexarth. 115,301; June 20.
Wrench, Hand. L. E. Genin. 113,665; Mar. 7.
Wrench or similar article. P. A. Sturtevant. 112,888; Jan. 10.
Wrench, Tension. A. E. Price. 115,299; June 20.
Wringer. T. R. Smith and H. Van Doren. 117,296; Oct. 24.
Wringer. C. E. Waltman. 114,094; Apr. 4.
Wringer head. A. H. Gerhardt. 115,849; July 25.
X-ray cassette tunnel. D. A. Eddy. 117,611; Nov. 14.
X-ray unit. T. M. McDonald. 115,291; June 20.

LIST OF DISCLAIMERS ARRANGED BY INVENTIONS

Acoustic apparatus. Cecil Clair Fisher. No. 2,115,924; date of patent May 3, 1938; disclaimer filed Feb. 3, 1939; v. 499; p. 783.

Adhesive composition and process of making the same. Harry E. Holcomb. No. 2,030,633; date of patent Feb. 11, 1936; disclaimer filed Oct. 5, 1939; v. 507; p. 1029.

Air conditioning apparatus. Milton Kalischer. No. 2,125,727; date of patent Aug. 2, 1938; disclaimer filed Jan. 20, 1939; v. 499; p. 264.

Air fron receptacles containing carbonated beverages, Method and apparatus for liberating. Horace H. Fisher. No. 2,046,256; date of patent June 30, 1936; disclaimer filed Dec. 2, 1939; v. 509; p. 796.

Alarm mechanism for shear-pin couplings. Arthur C. Lind. No. 2,124,965; date of patent July 26, 1938; disclaimer filed Aug. 21, 1939; v. 506; p. 288.

Amplifiers, Neutralizing high-frequency push-pull. Werner Buschbeck and Hans Prost. No. 2,159,731; date of patent May 23, 1939; disclaimer filed Dec. 1, 1939; v. 509; p. 796.

Aneroid and operating means therefor. Paul Kollsman. No. 1,930,899; date of patent Oct. 17, 1935; disclaimer filed Feb. 27, 1939; v. 500; p. 518.

Annunciator for horse races. Fordyce Kimbell. No. 2,081,822; date of patent May 25, 1937; disclaimer filed Jan. 12, 1939; v. 499; p. 1.

Apparel. Benjamin Liebowitz. No. 1,968,409; date of patent July 31, 1934; disclaimer filed May 17, 1939; v. 503; p. 312.

Apparel. Benjamin Liebowitz. No. 1,968,410; date of patent July 31, 1934; disclaimer filed May 17, 1939; v. 503; p. 312.

Article of manufacture and process of making it. Lloyd Smede and Errol B. Shand. No. 1,852,693; date of patent Apr. 5, 1932; disclaimer filed Aug. 2, 1939; v. 505; p. 757.

Atomizer, Self cleaning. Walter Macdonald. No. 2,097,696; date of patent Nov. 2, 1937; disclaimer filed June 28, 1939; v. 504; p. 843.

Azodyestuffs and fiber dyed therewith, Waterinsoluble. Heinrich Morschel and Felix Gund. No. 2,099,272; date of patent Nov. 16, 1937; disclaimer filed Jan. 20, 1939; v. 499; p. 264.

Bags and hermetically sealing same, Method of providing for internal atmospheric expansion of filled. Robert Morris Bergstein. No. 2,114,623; date of patent Apr. 19, 1938; disclaimer filed June 12, 1939; v. 504; p. 590.

Beverages and the like, Method of treatment for fermented and distilled. Jakob August Bachmann and Roy Wilkins. No. 2,086,891; date of patent July 13, 1937; disclaimer filed Sept. 29, 1939; v. 507; p. 785.

Bookmaking machine. Eugene R. Seiter. No. 1,791,081; date of patent Feb. 3, 1931; disclaimer filed Sept. 9, 1939; v. 507; p. 785.

Box-wrapping system. John R. Sonneborn. No. 1,646,563; date of patent Oct. 25, 1927; disclaimer filed June 3, 1939; v. 503; p. 859.

Brake cooling for centrifugals and the like. Eugene Roberts. No. 2,096,341; date of patent Oct. 19, 1937; disclaimer filed May 24, 1939; v. 503; p. 581.

Brake system, Magnetic track. Theodore H. Schoepf and David M. Ritchie. No. 2,085,873; date of patent July 6, 1937; disclaimer filed Oct. 21, 1939; v. 508; p. 299.

Brake system, Magnetic track. Theodore H. Schoepf and David M. Ritchie. No. 2,095,871; date of patent July 6, 1937; disclaimer filed Oct. 21, 1939; v. 508; p. 299.

Brake-testing machine, Automobile. Charles Francis Cowdrey. No. 1,767,348; date of patent June 24, 1930; disclaimer filed Jan. 7, 1939; v. 498; p. 967.

Bread slicing machine. Taylor Creech. No. 2,056,134; date of patent Sept. 29, 1936; disclaimer filed Aug. 24, 1939; v. 506; p. 538.

Burner. Joseph E. Withrow and Lyman W. Close. No. 1,732,708; date of patent Oct. 22, 1929; disclaimer filed July 14, 1939; v. 505; p. 242.
Canopy construction. Christian H. Specht. No. 2,178,975; date of patent Nov. 7, 1939; disclaimer filed Dec. 4, 1939; v. 509; p. 796.
Carburetor. Don Cole. No. 2,141,594; date of patent Dec. 27, 1938; disclaimer filed Oct. 18, 1939; v. 508; p. 16.
Carton, Twin section egg. Louis Sugerman. Re. No. 19,028; date of patent Dec. 19, 1933; disclaimer filed Feb. 21, 1939; v. 500; p. 517.
Case, Eye glass. Millard E. Van Orden. No. 2,094,861; date of patent Oct. 5, 1937; disclaimer filed Jan. 19, 1939; v. 499; p. 783.
Case, Light shielded handled fiber board. Willis B. Lincoln, Jr. No. 2,078,087; date of patent Apr. 20, 1937; disclaimer filed July 3, 1939; v. 505; p. 10.
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